

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
 Data File : BF115177.D
 Acq On : 25 Jun 2019 8:54
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/26/2019 2:03:00 PM

Quant Time: Jun 26 06:07:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	234858	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	966798	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	478051	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	940699	20.00	ng	0.00
76) Chrysene-d12	13.74	240	662957	20.00	ng	-0.01
87) Perylene-d12	15.09	264	837554	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1203918	79.11	ng	0.00
7) Phenol-d6	6.25	99	1464583	79.29	ng	0.00
23) Nitrobenzene-d5	7.18	82	1295438	82.43	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	445839	88.44	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2295883	81.58	ng	0.00
79) Terphenyl-d14	12.70	244	2635251	84.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	277369	38.616	ng	100
3) Pyridine	2.84	79	783416	38.698	ng	98
4) n-Nitrosodimethylamine	2.78	42	297684	37.509	ng	98
6) Aniline	6.28	93	988315	38.929	ng	98
8) 2-Chlorophenol	6.40	128	699893	40.898	ng	97
9) Benzaldehyde	6.15	77	477434	39.616	ng	99
10) Phenol	6.27	94	838132	38.734	ng	92
11) bis(2-Chloroethyl)ether	6.35	93	649267	40.706	ng	97
12) 1,3-Dichlorobenzene	6.55	146	778481	40.989	ng	99
13) 1,4-Dichlorobenzene	6.63	146	782714	41.098	ng	98
14) 1,2-Dichlorobenzene	6.79	146	731128	41.454	ng	98
15) Benzyl Alcohol	6.76	79	479600	35.655	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	930348	40.216	ng	96
17) 2-Methylphenol	6.88	107	580591	41.102	ng	98
18) Hexachloroethane	7.13	117	281730	41.032	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	458004	38.728	ng	99
20) 3+4-Methylphenols	7.03	107	666346	40.854	ng	# 84
22) Acetophenone	7.03	105	883551	39.920	ng	# 97
24) Nitrobenzene	7.20	77	712600	41.156	ng	98
25) Isophorone	7.44	82	1268359	39.395	ng	100
26) 2-Nitrophenol	7.51	139	385820	45.122	ng	97
27) 2,4-Dimethylphenol	7.56	122	570047	40.718	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	822728	40.431	ng	99
29) 2,4-Dichlorophenol	7.75	162	593804	41.100	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	669912	41.978	ng	99
31) Naphthalene	7.92	128	1943640	40.955	ng	100
32) Benzoic acid	7.68	122	495487m	49.582	ng	
33) 4-Chloroaniline	7.97	127	883894	40.753	ng	98
34) Hexachlorobutadiene	8.05	225	378589	43.290	ng	99
35) Caprolactam	8.34	113	193098	39.753	ng	95
36) 4-Chloro-3-methylphenol	8.45	107	597899	40.864	ng	98
37) 2-Methylnaphthalene	8.61	142	1316473	41.142	ng	99
38) 1-Methylnaphthalene	8.71	142	1240988	40.607	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	576204	42.654	ng	100

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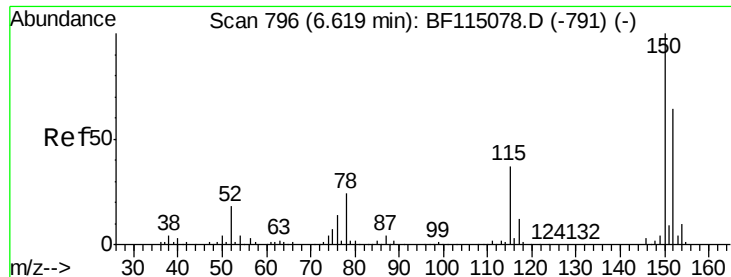
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	326534	40.764	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	431773	41.400	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	469762	43.739	nq	97
46) 1,1'-Biphenyl	9.07	154	1539301	40.242	nq	99
47) 2-Chloronaphthalene	9.10	162	1286532	41.464	nq	98
48) 2-Nitroaniline	9.18	65	386887	42.770	nq	98
49) Acenaphthylene	9.51	152	1970146	40.755	nq	100
50) Dimethylphthalate	9.38	163	1471647	41.842	nq	100
51) 2,6-Dinitrotoluene	9.43	165	345686	42.573	nq	98
52) Acenaphthene	9.68	154	1247607	41.244	nq	99
53) 3-Nitroaniline	9.60	138	407502	41.124	nq	100
54) 2,4-Dinitrophenol	9.70	184	175185	45.423	nq	95
55) Dibenzofuran	9.85	168	1723255	39.691	nq	100
56) 4-Nitrophenol	9.75	139	327207	41.189	nq	96
57) 2,4-Dinitrotoluene	9.83	165	459644	43.840	nq	99
58) Fluorene	10.19	166	1207197	41.207	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	393692	43.715	nq	97
60) Diethylphthalate	10.08	149	1472572	41.652	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	601095	43.537	nq	97
62) 4-Nitroaniline	10.21	138	415902	41.838	nq	97
63) Azobenzene	10.34	77	1339515	40.564	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	224097	45.105	nq	89
66) n-Nitrosodiphenylamine	10.30	169	1188306	40.546	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	432462	42.402	nq	94
68) Hexachlorobenzene	10.74	284	472191	42.653	nq	99
69) Atrazine	10.83	200	410043	43.494	nq	99
70) Pentachlorophenol	10.92	266	310327	44.001	nq	96
71) Phenanthrene	11.14	178	1974856	38.991	nq	100
72) Anthracene	11.19	178	2018613	39.483	nq	99
73) Carbazole	11.34	167	1861367	40.771	nq	99
74) Di-n-butylphthalate	11.69	149	2244757	42.550	nq	99
75) Fluoranthene	12.32	202	2039192	40.353	nq	99
77) Benzidine	12.44	184	1244848	42.287	nq	99
78) Pyrene	12.54	202	2123531	41.680	nq	99
80) Butylbenzylphthalate	13.18	149	1012432	45.029	nq	95
81) Benzo(a)anthracene	13.72	228	2041693	42.920	nq	100
82) 3,3'-Dichlorobenzidine	13.69	252	772973	44.998	nq	99
83) Chrysene	13.77	228	1874038	43.008	nq	100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1359759	46.154	nq	99
85) Di-n-octyl phthalate	14.35	149	2294341	46.350	nq	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2386001	46.275	nq	99
88) Benzo(b)fluoranthene	14.72	252	2241760	42.896	nq	98
89) Benzo(k)fluoranthene	14.75	252	1691119	36.083	nq	99
90) Benzo(a)pyrene	15.05	252	1920412	40.770	nq	99
91) Dibenzo(a,h)anthracene	16.39	278	1915140	43.551	nq	99
92) Benzo(g,h,i)perylene	16.76	276	1939075	43.568	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

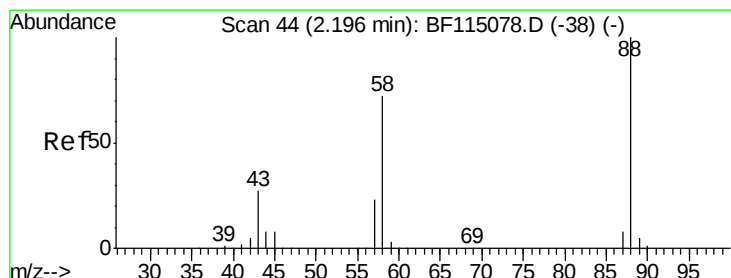
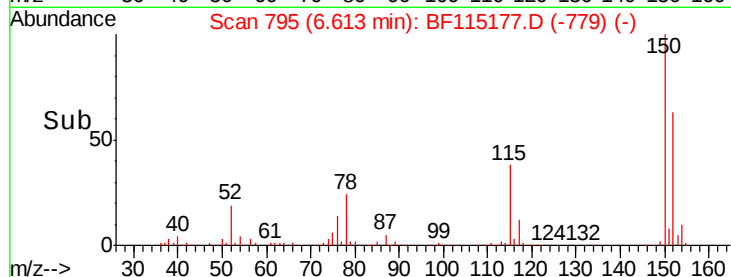
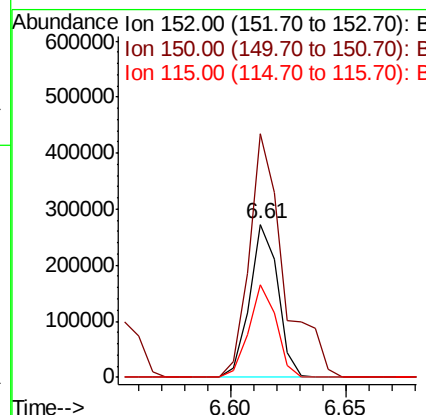
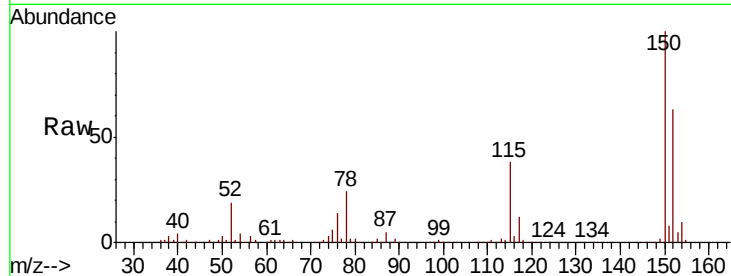
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.2	186.2
115	60.5	46.1	69.1

Manual Integrations
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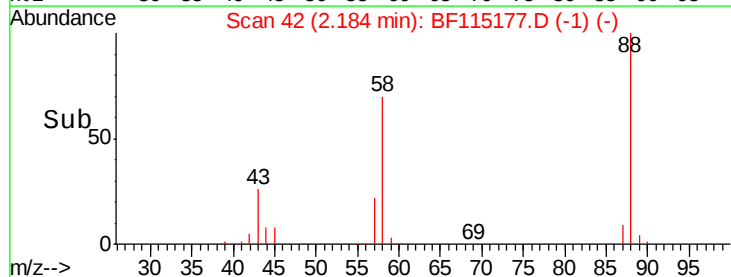
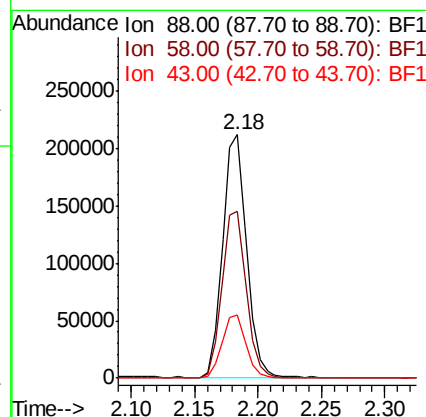
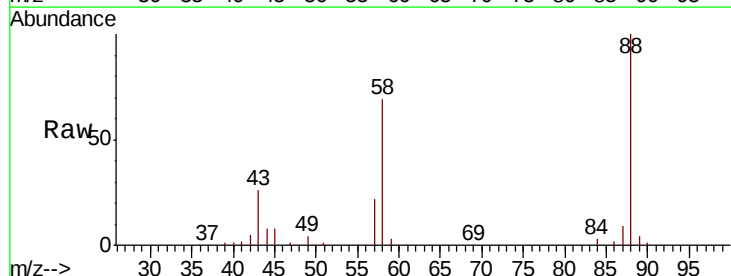
mohammad
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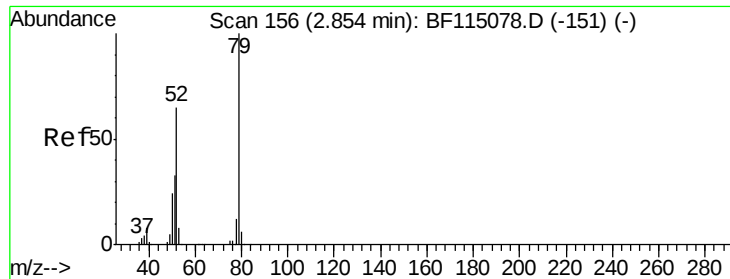


#2

1,4-Dioxane
Concen: 38.616 ng
RT: 2.18 min Scan# 42
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	56.1	84.1
43	27.0	21.3	31.9





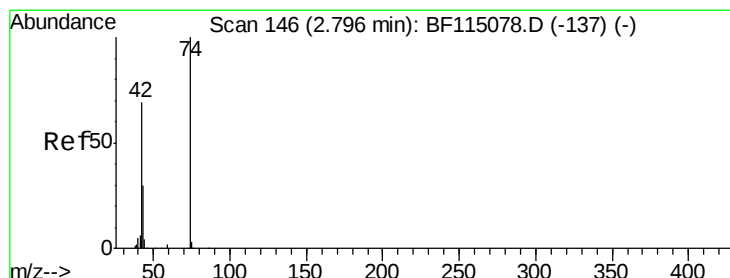
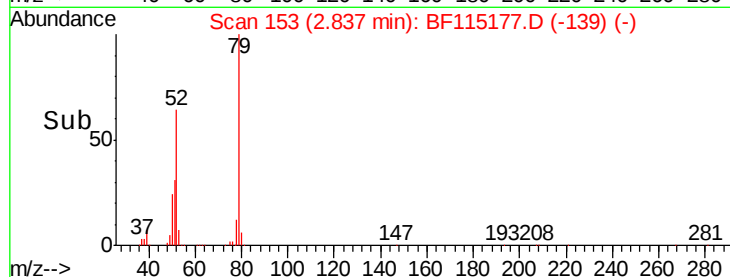
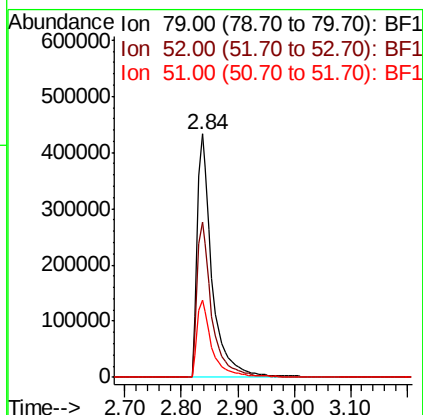
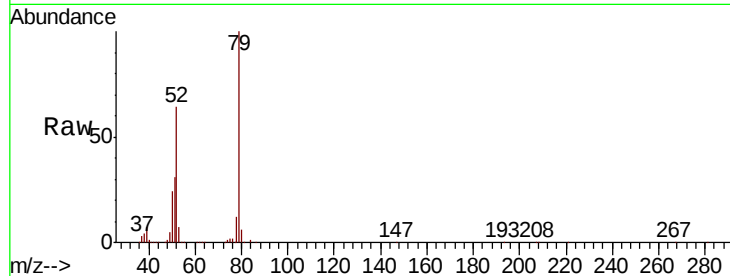
#3
 Pvridine
 Concen: 38.698 ng
 RT: 2.84 min Scan# 153
 Delta R.T. -0.02 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.0	52.3	78.5
51	31.5	26.1	39.1

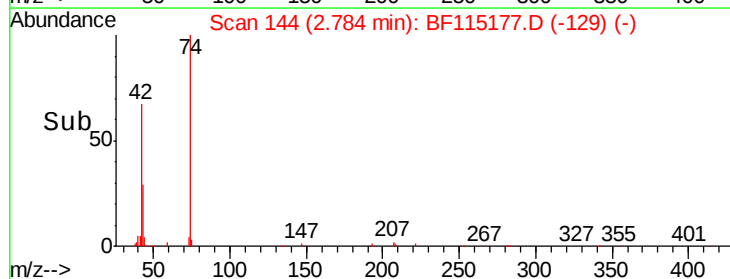
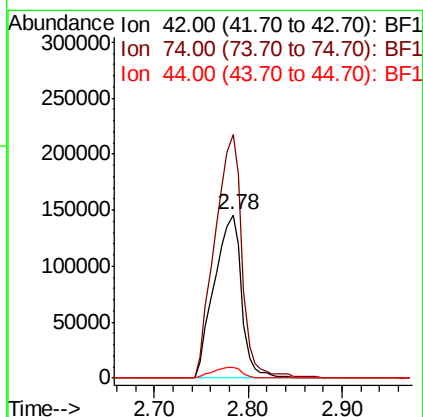
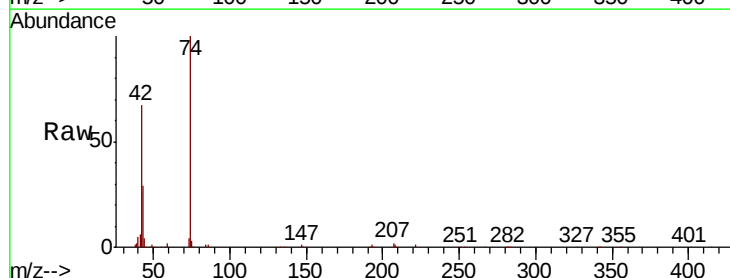
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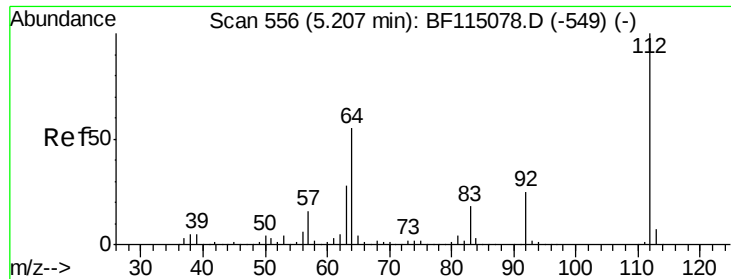
mohammad
 6/26/2019 2:03:00 PM



#4
 n-Nitrosodimethylamine
 Concen: 37.509 ng
 RT: 2.78 min Scan# 144
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.9	116.6	175.0
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 79.105 ng

RT: 5.21 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 1203918

Ion Ratio Lower Upper

112 100

64 54.1 43.8 65.6

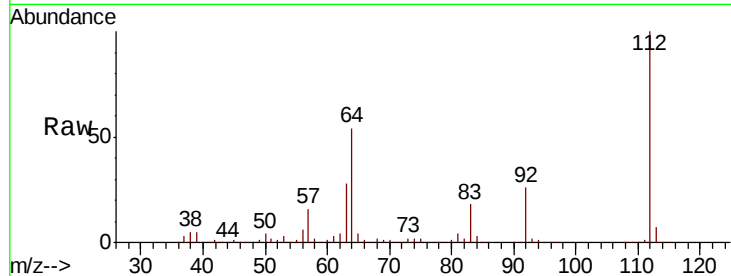
63 27.7 22.2 33.4

Manual Integrations

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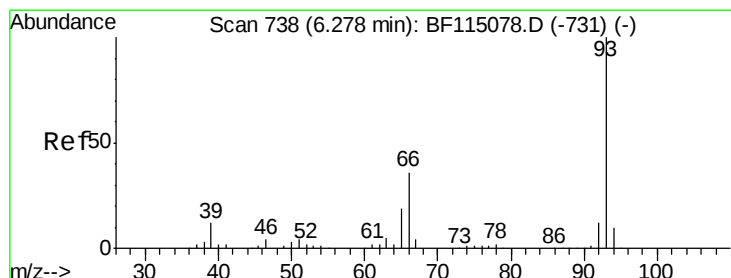
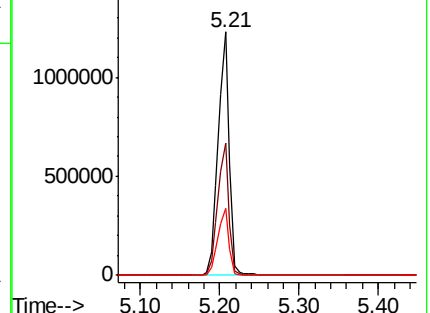
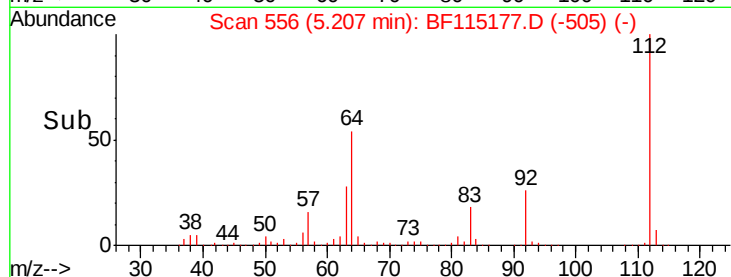
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.929 ng

RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

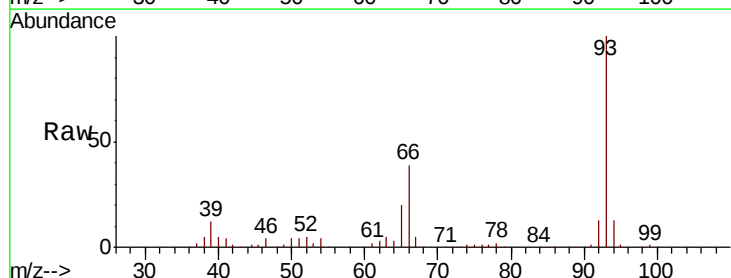
Tgt Ion: 93 Resp: 988315

Ion Ratio Lower Upper

93 100

66 38.8 30.0 45.0

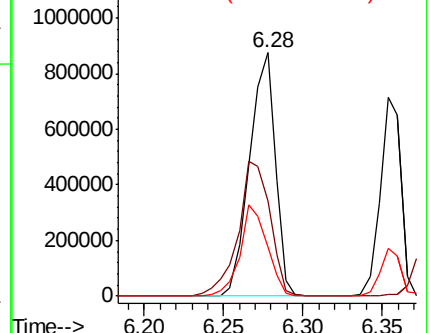
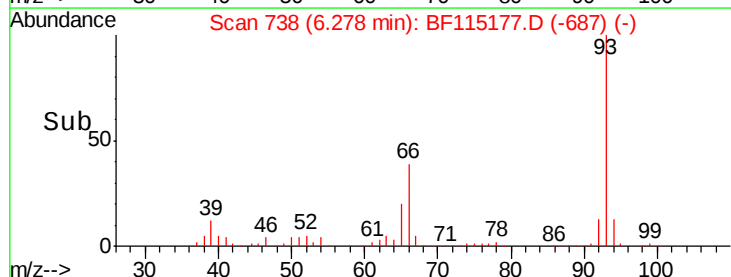
65 20.1 15.6 23.4

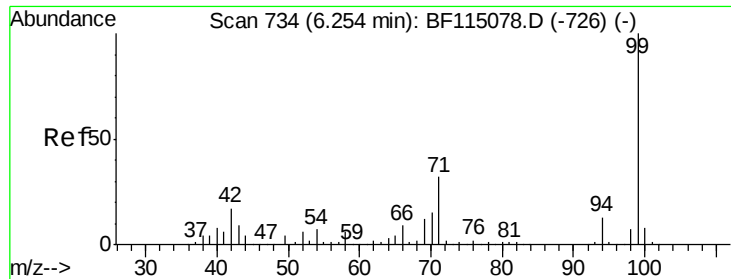


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.285 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1464583

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

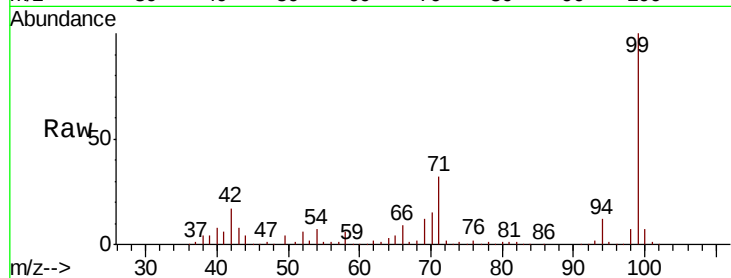
71 32.2 25.5 38.3

Manual Integrations

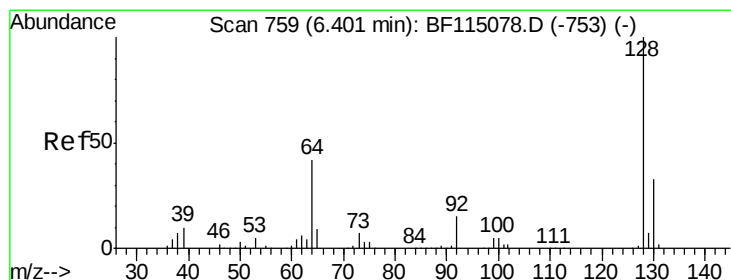
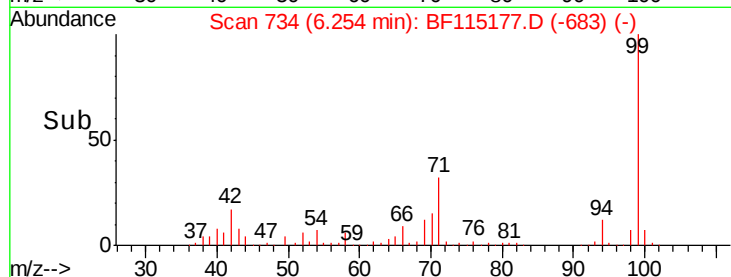
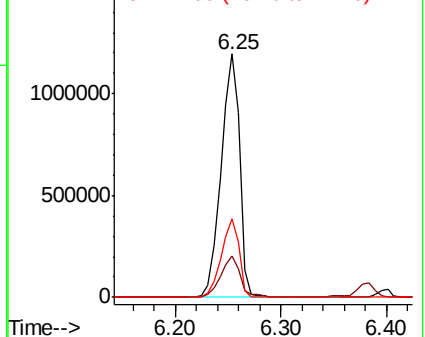
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.898 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

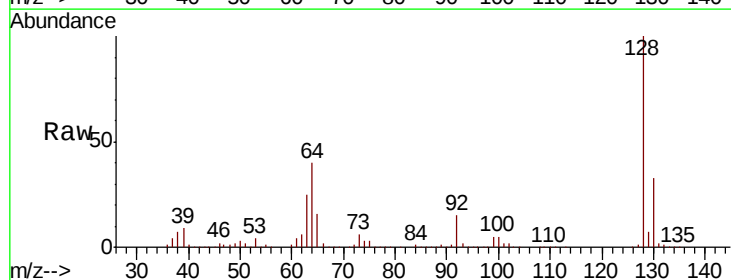
Tgt Ion: 128 Resp: 699893

Ion Ratio Lower Upper

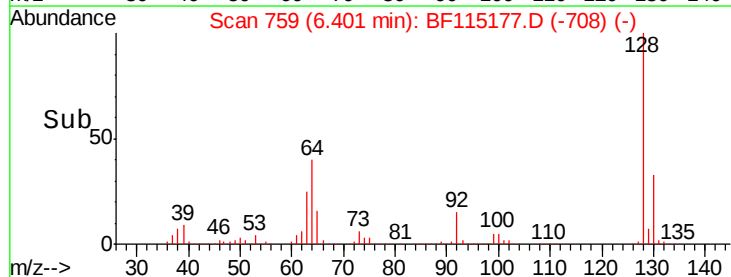
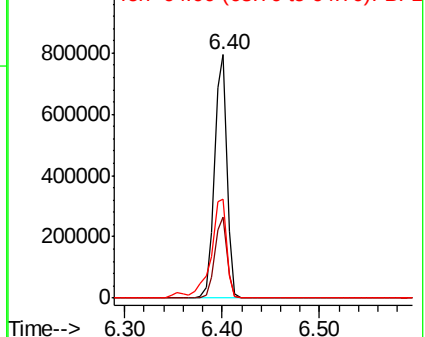
128 100

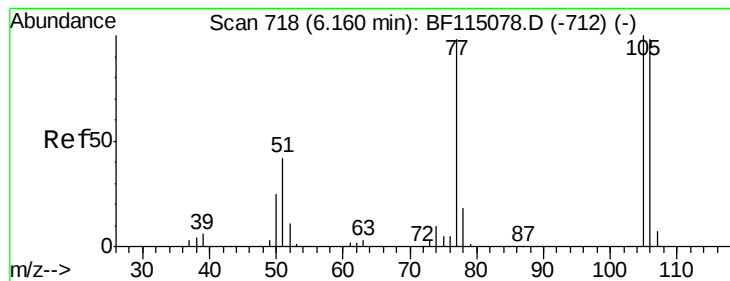
130 33.5 12.9 52.9

64 40.4 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.616 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

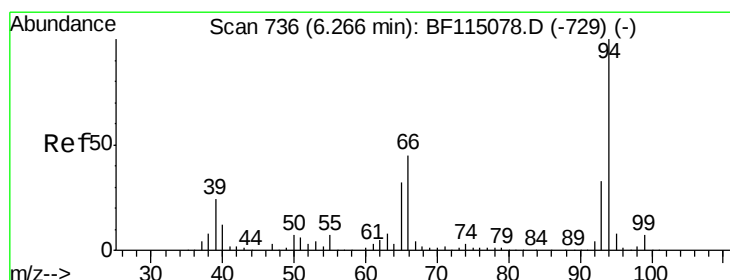
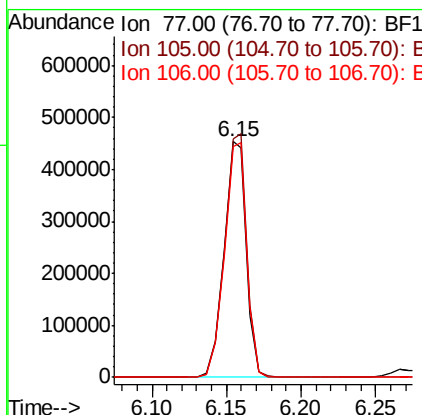
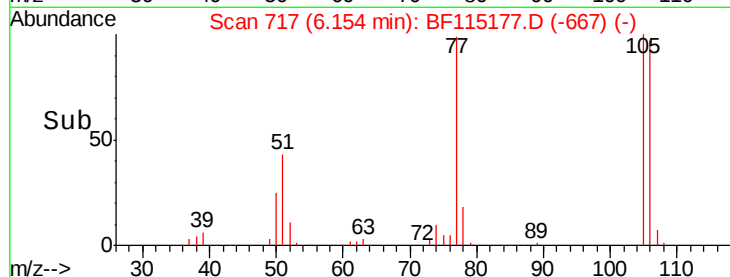
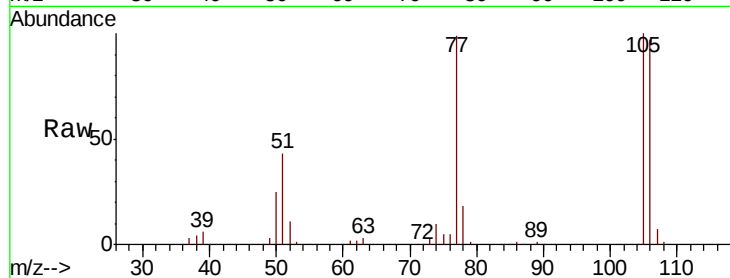
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.9	81.5	121.5	
106	98.0	79.7	119.7	

Manual Integrations
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#10

Phenol

Concen: 38.734 ng

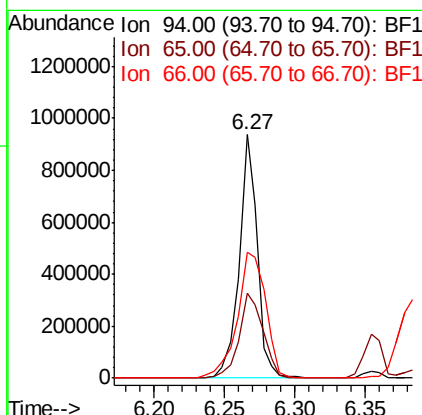
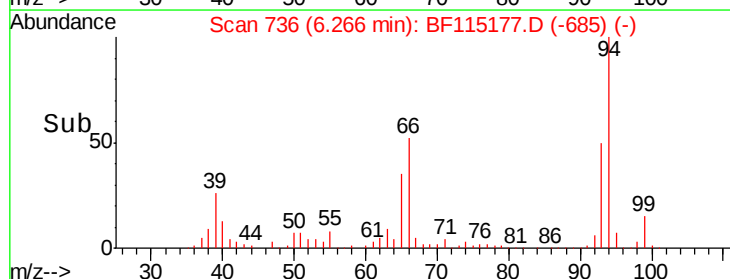
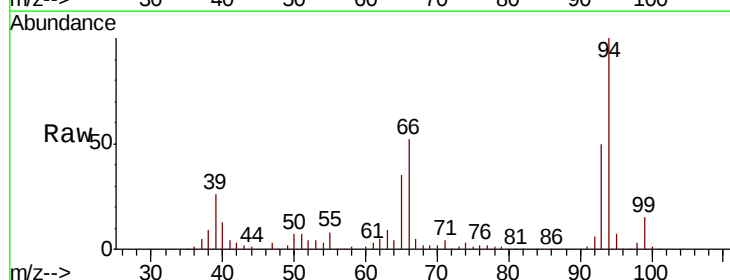
RT: 6.27 min Scan# 736

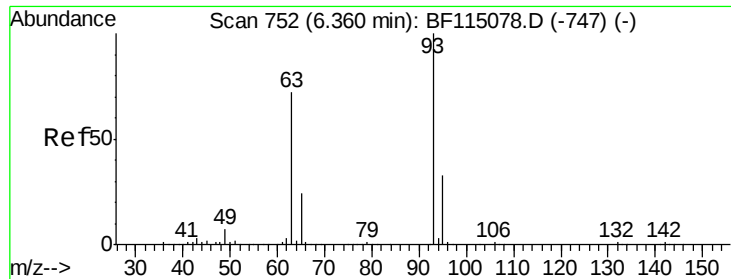
Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	35.0	11.9	51.9	
66	51.8	25.2	65.2	





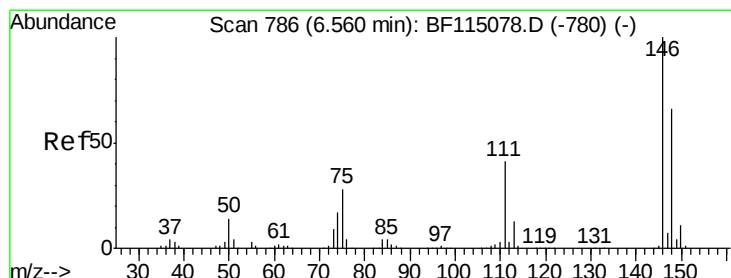
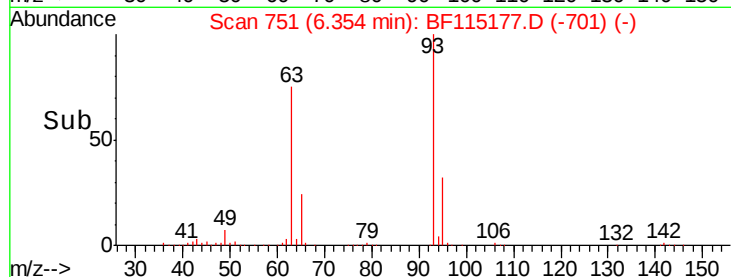
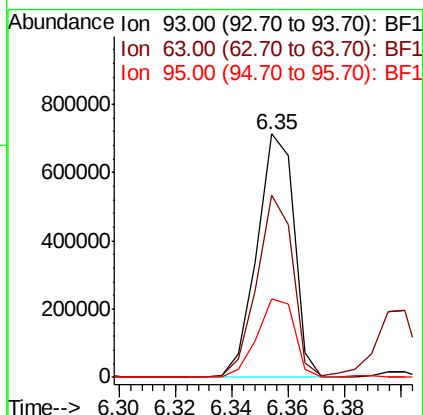
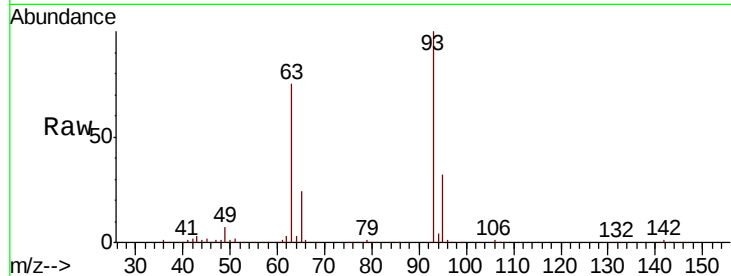
#11
bis(2-Chloroethyl)ether
Concen: 40.706 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	649267
Ion Ratio	Lower	Upper	
93	100		
63	74.7	51.5	91.5
95	32.1	13.4	53.4

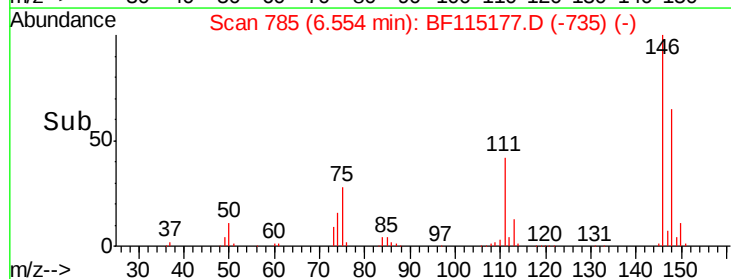
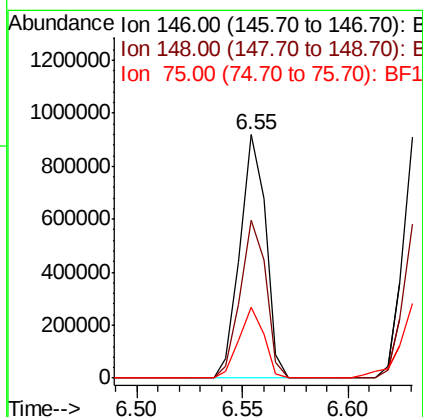
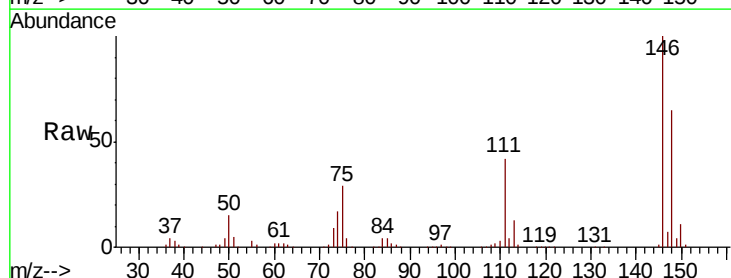
Manual Integrations
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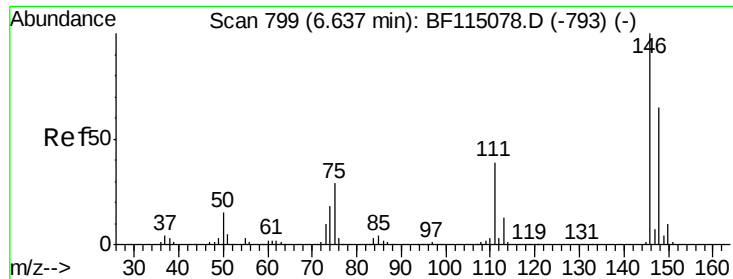
mohammad
6/26/2019 2:03:00 PM



#12
1,3-Dichlorobenzene
Concen: 40.989 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion:	146	Resp:	778481
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.6	78.8
75	29.1	22.6	34.0





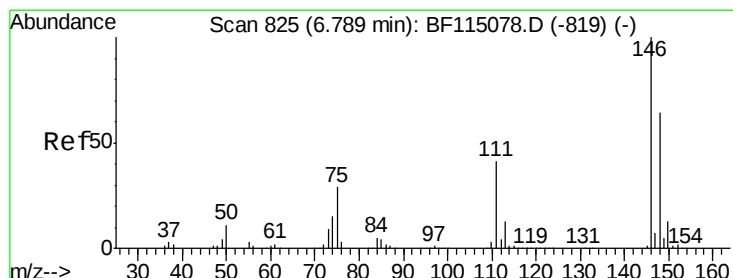
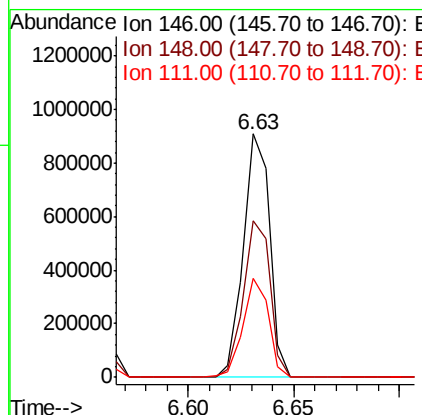
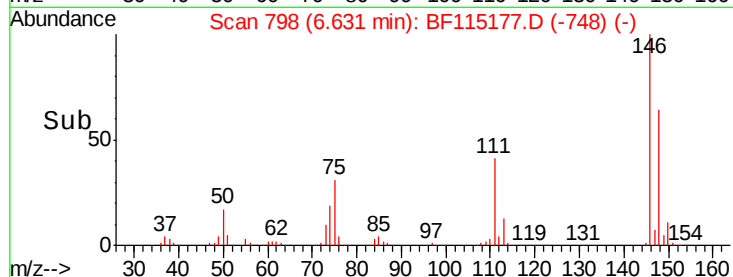
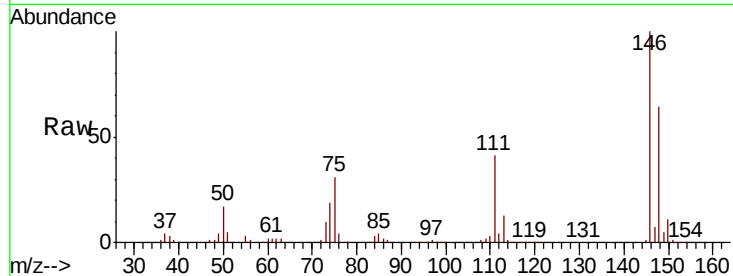
#13
 1,4-Dichlorobenzene
 Concen: 41.098 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	40.7	31.4	47.0

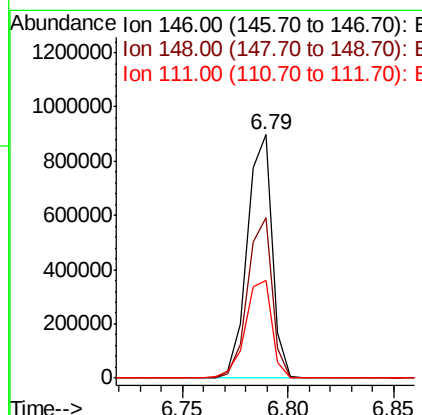
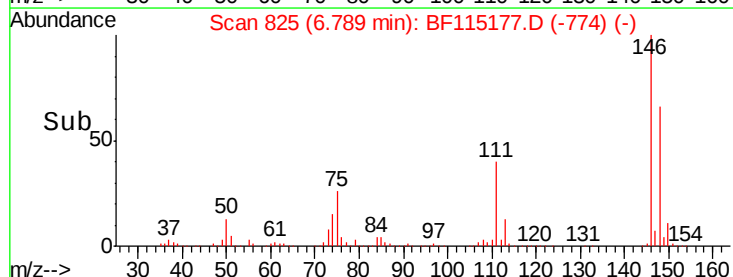
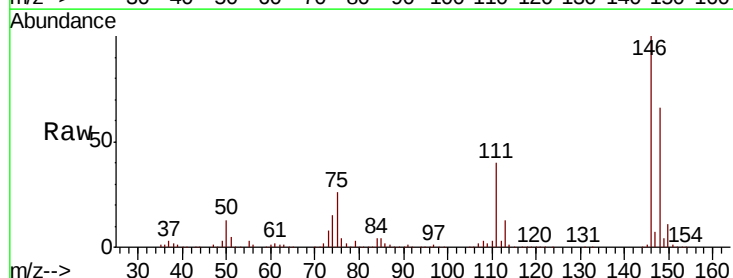
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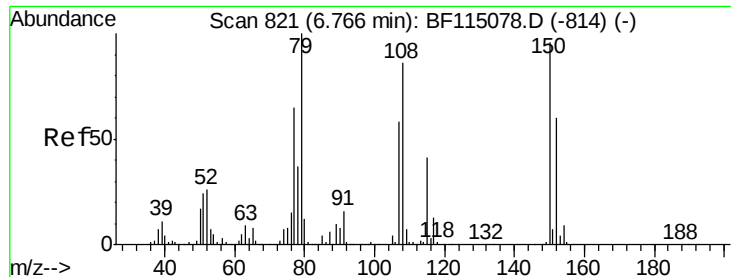
mohammad
 6/26/2019 2:03:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.454 ng
 RT: 6.79 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	39.9	33.2	49.8





#15

Benzyl Alcohol

Concen: 35.655 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

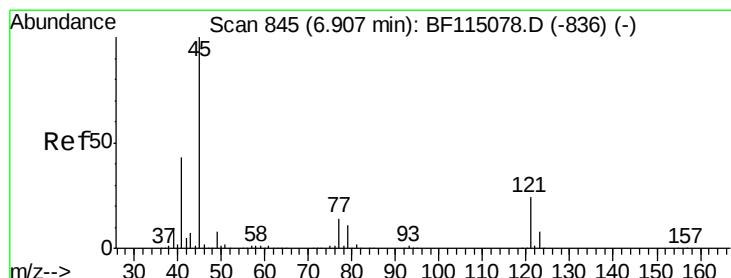
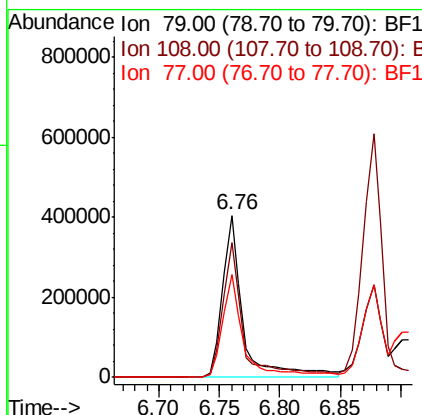
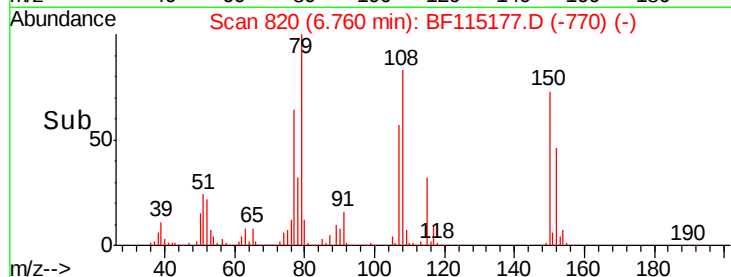
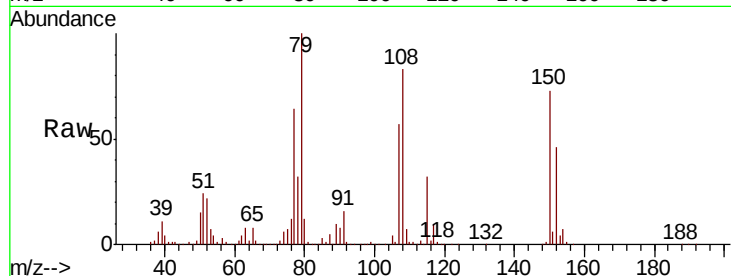
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	68.7	103.1
77	63.8	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.216 ng

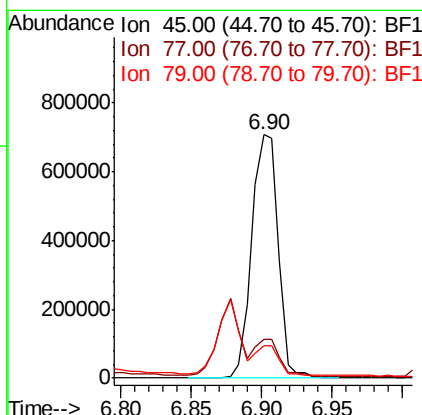
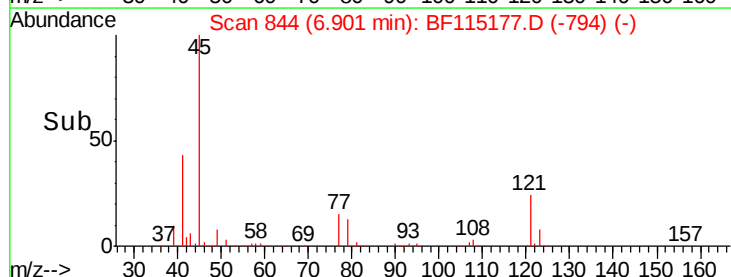
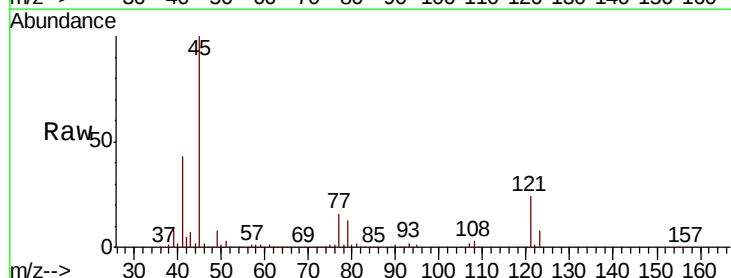
RT: 6.90 min Scan# 844

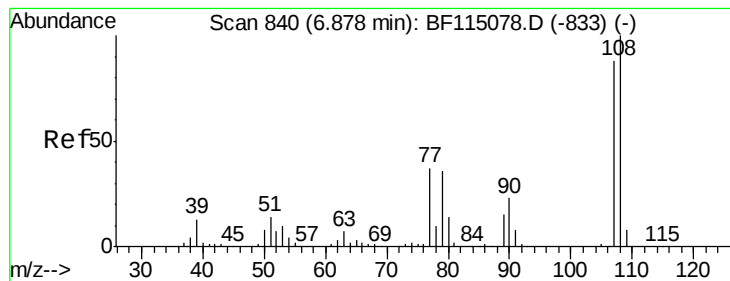
Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	34.6
79	13.1	0.0	31.2





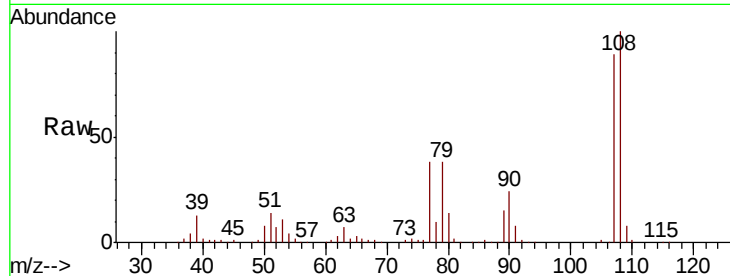
#17
2-Methylphenol
Concen: 41.102 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	580591		
108	112.5	90.9	136.3	
77	42.9	33.4	50.2	
79	42.5	32.3	48.5	

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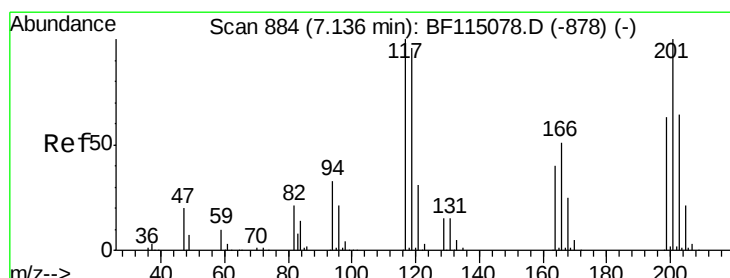
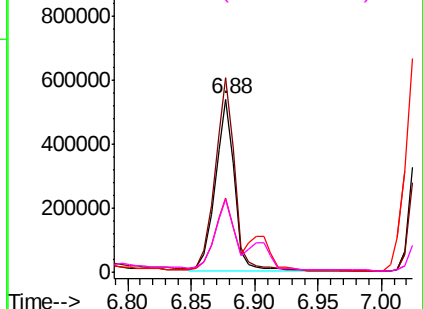
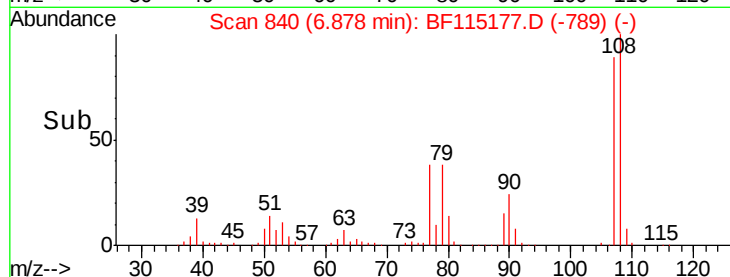
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

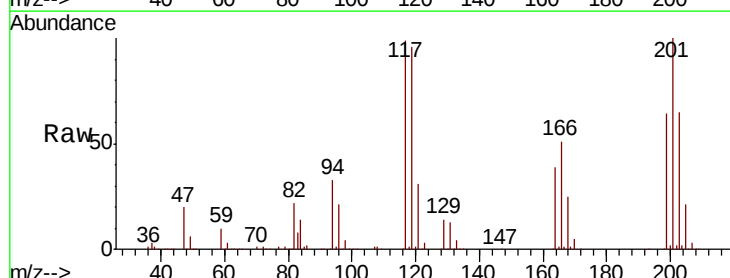
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.032 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	281730		
119	96.6	76.6	114.8	
201	100.8	80.2	120.2	

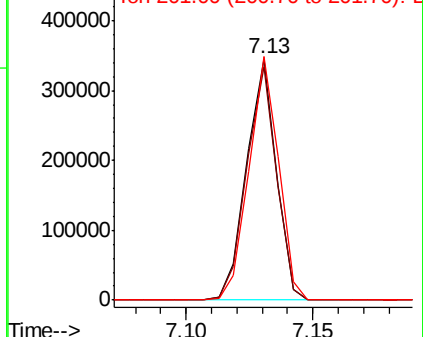
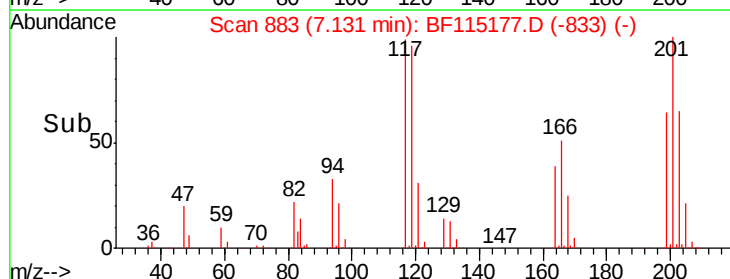


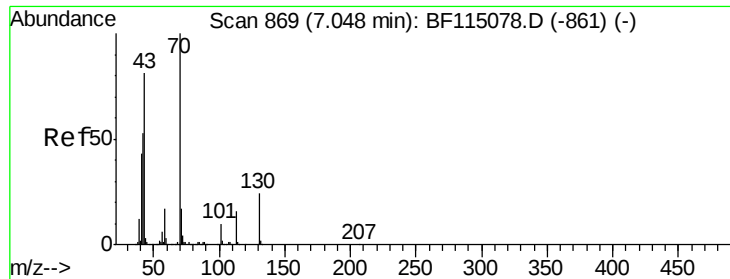
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





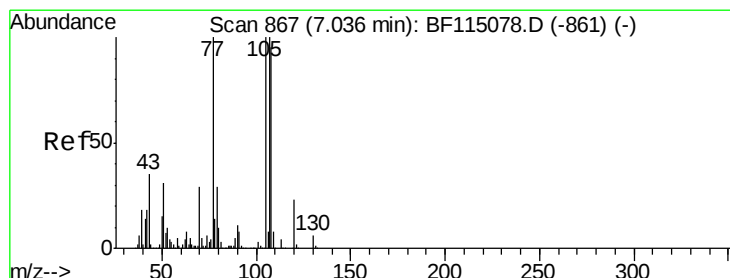
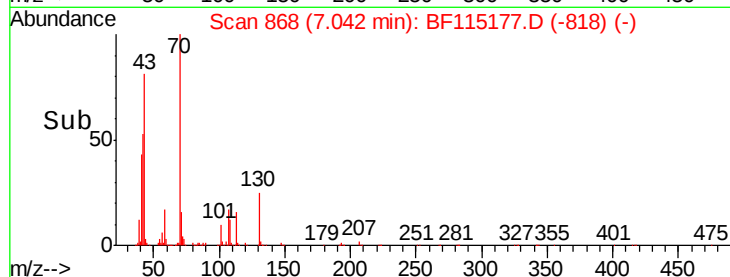
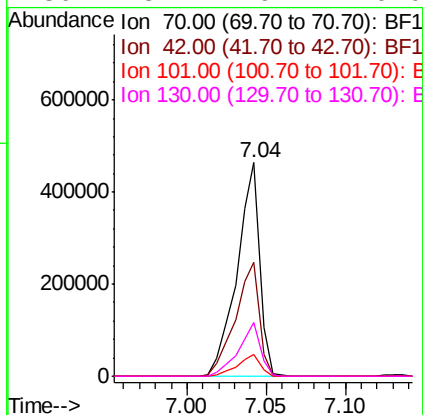
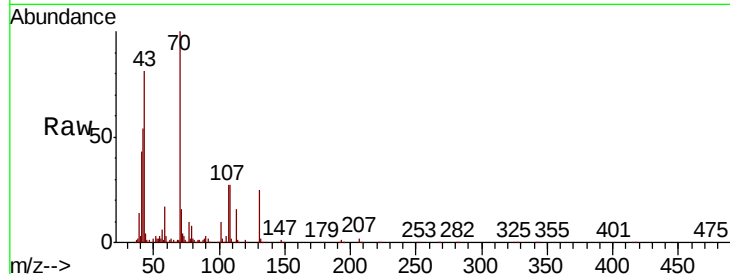
#19
n-Nitroso-di-n-propylamine
Concen: 38.728 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	42.6	63.8	
101	10.4	8.0	12.0	
130	25.1	19.4	29.0	

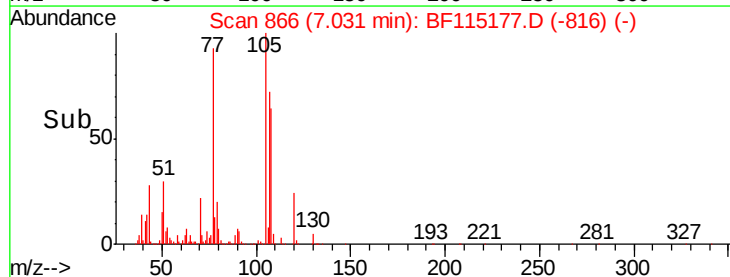
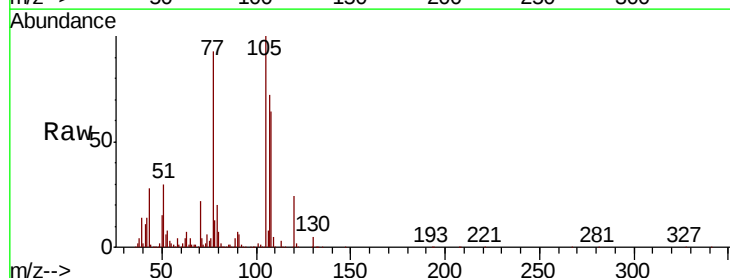
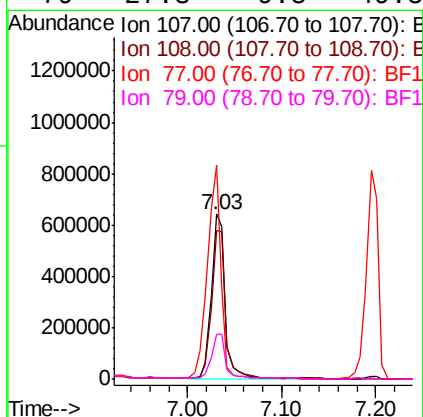
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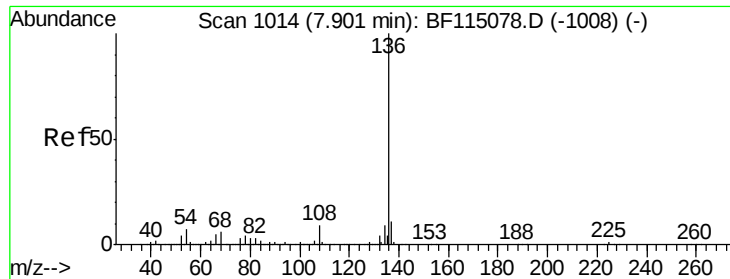
mohammad
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#20
3+4-Methylphenols
Concen: 40.854 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	75.5	115.5	
77	129.4	80.2	120.2	
79	27.3	9.5	49.5	





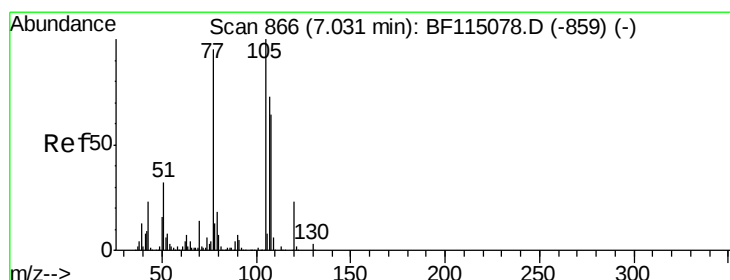
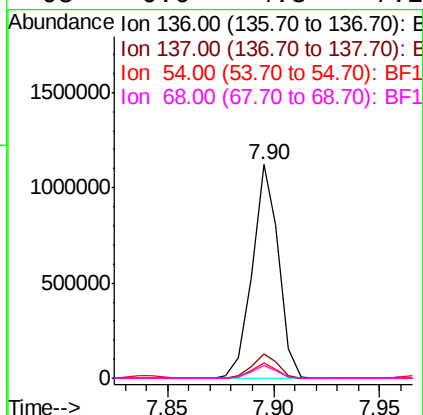
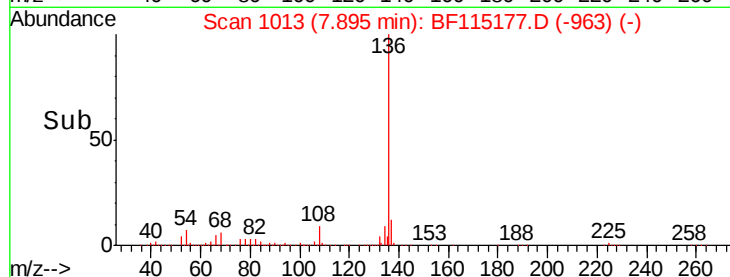
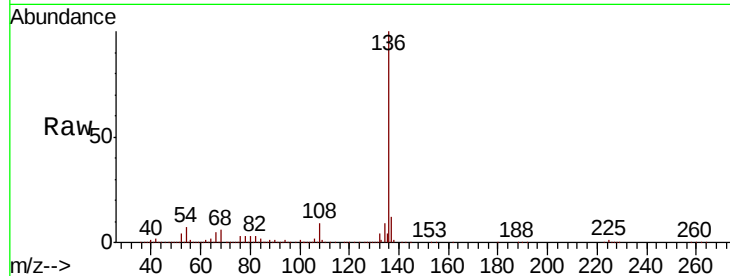
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		966798		
137	11.5		8.9	13.3	
54	7.3		5.6	8.4	
68	6.0		4.8	7.2	

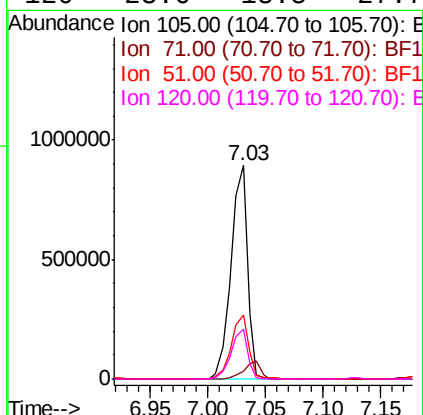
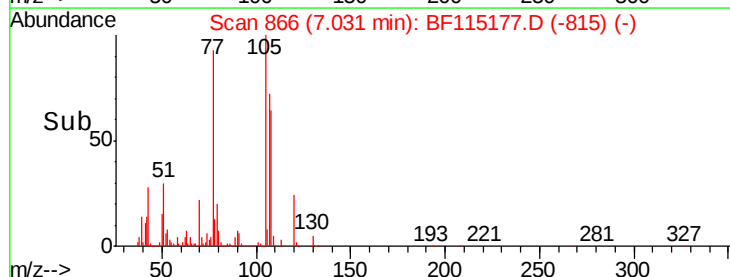
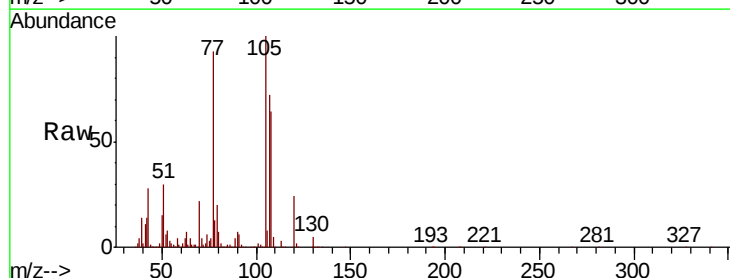
Manual Integrations
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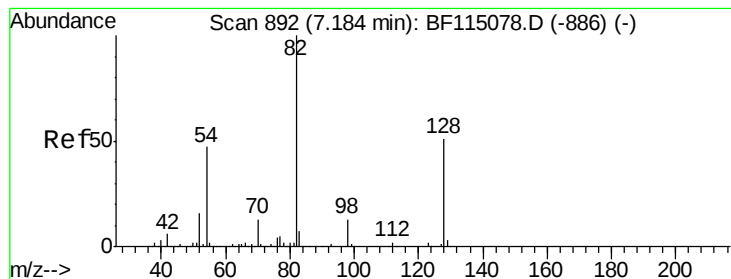
mohammad
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#22
Acetophenone
Concen: 39.920 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		883551		
71	3.8		1.9	2.9#	
51	30.0		25.8	38.8	
120	23.6		18.5	27.7	





#23

Nitrobenzene-d5

Concen: 82.426 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1295438

Ion Ratio Lower Upper

82 100

128 50.1 40.4 60.6

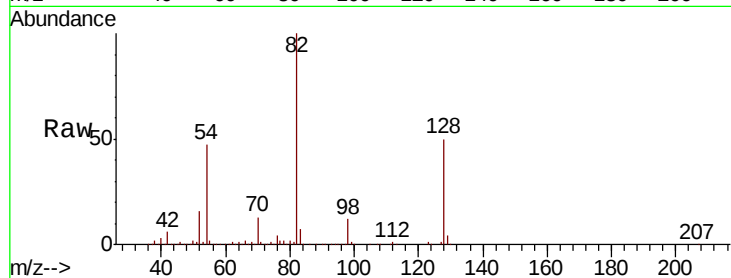
54 47.0 37.5 56.3

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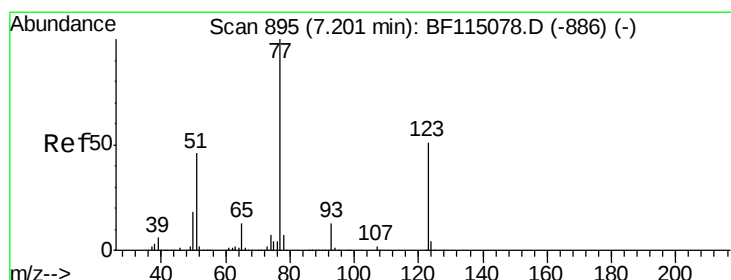
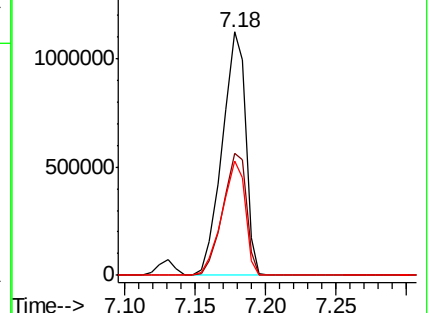
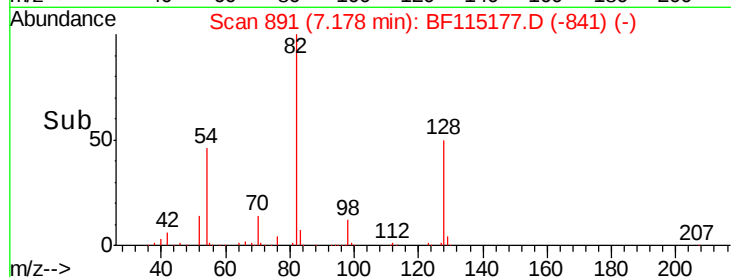
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.156 ng

RT: 7.20 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

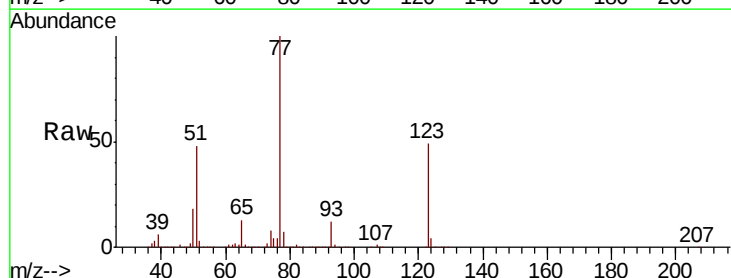
Tgt Ion: 77 Resp: 712600

Ion Ratio Lower Upper

77 100

123 49.3 41.0 61.6

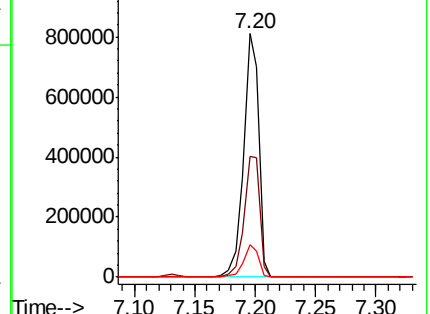
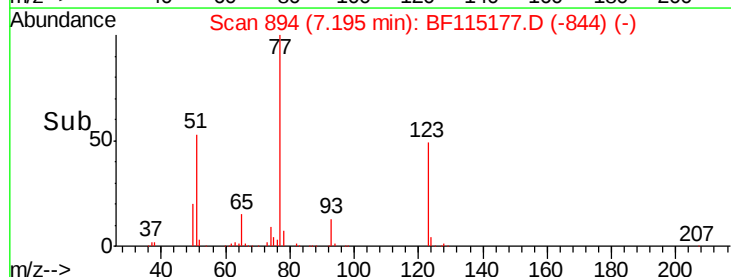
65 13.3 10.5 15.7

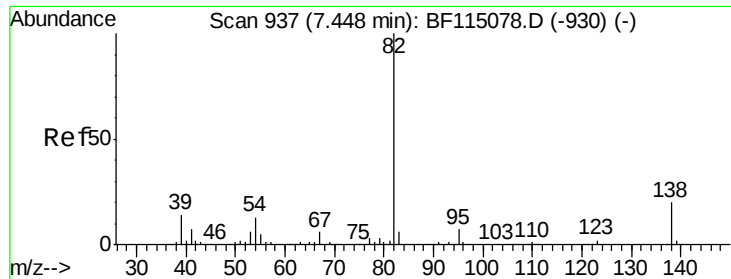


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.395 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1268359

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

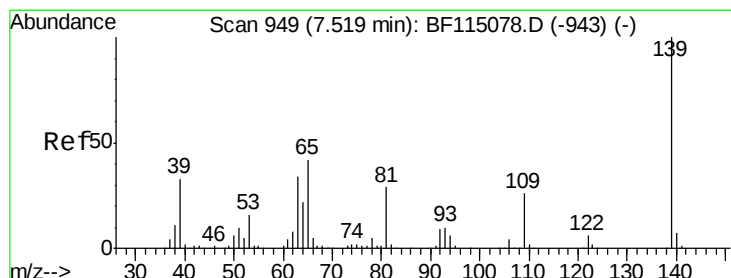
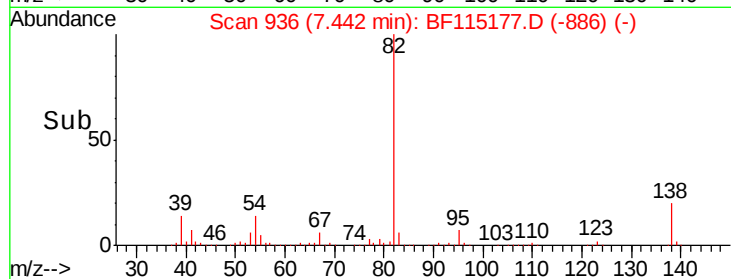
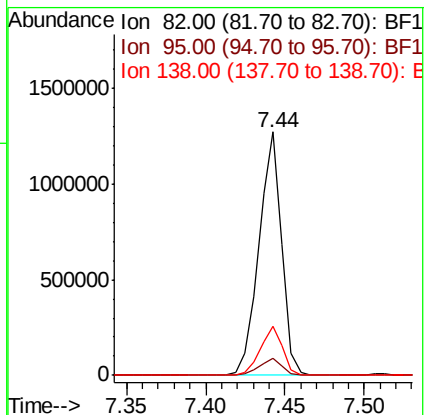
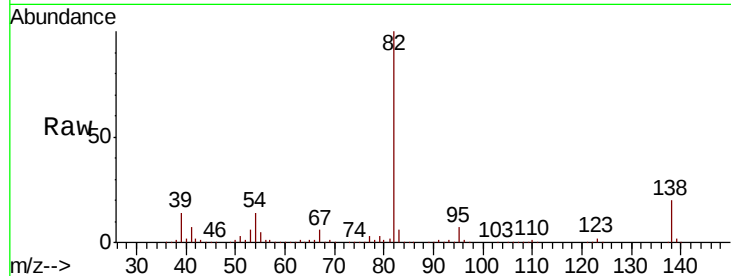
138 20.1 15.9 23.9

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#26

2-Nitrophenol

Concen: 45.122 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

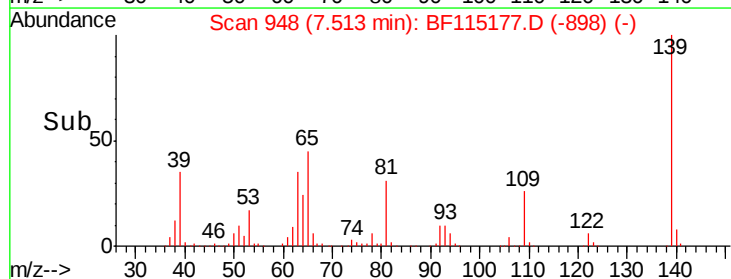
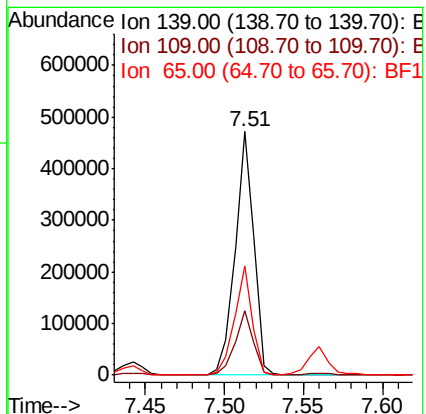
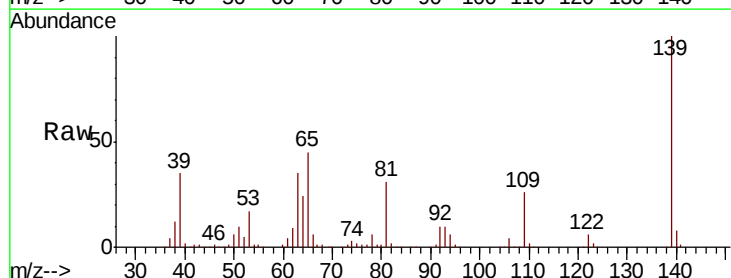
Tgt Ion: 139 Resp: 385820

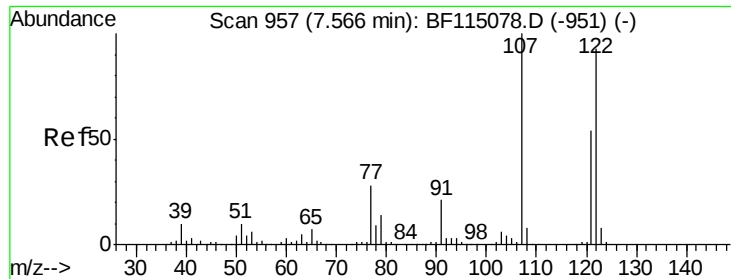
Ion Ratio Lower Upper

139 100

109 26.2 20.4 30.6

65 44.8 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 40.718 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

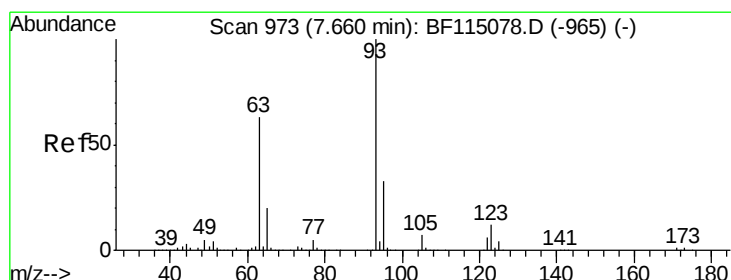
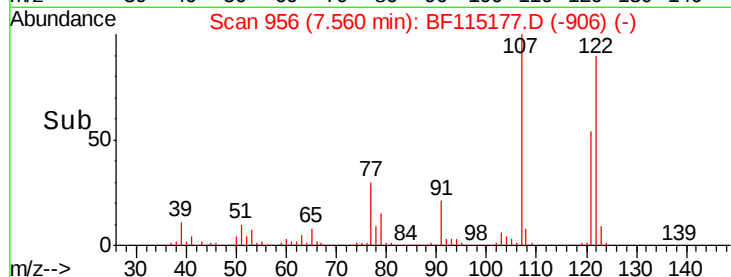
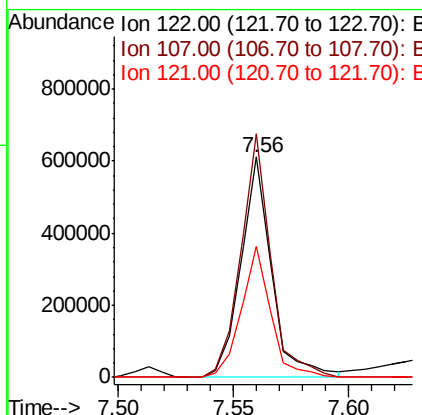
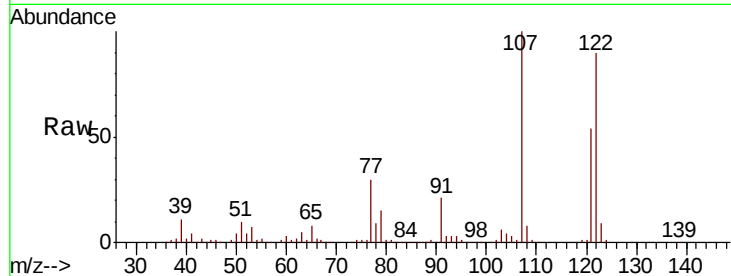
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	570047
Ion Ratio	Lower	Upper	
122	100		
107	110.6	85.8	128.6
121	59.4	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.431 ng

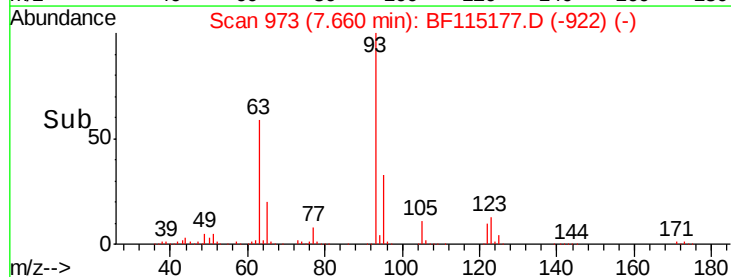
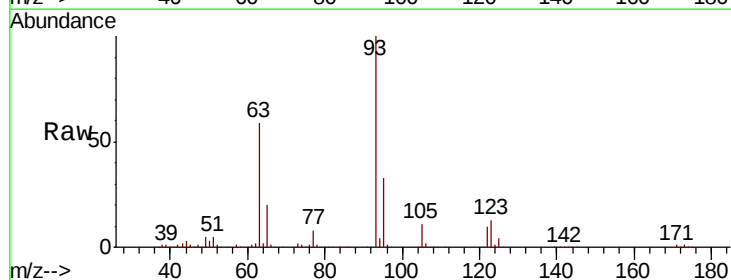
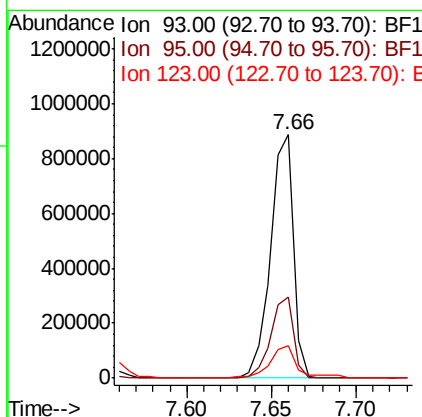
RT: 7.66 min Scan# 973

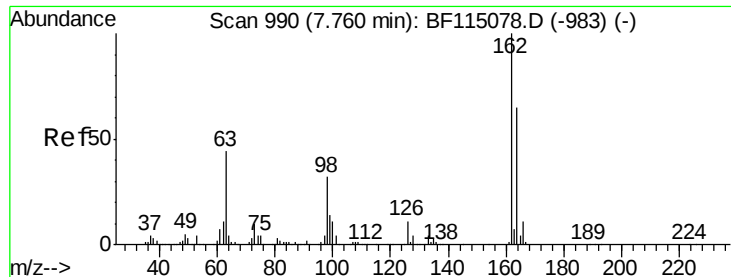
Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Tgt Ion:	93	Resp:	822728
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.2	39.4
123	13.3	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 41.100 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

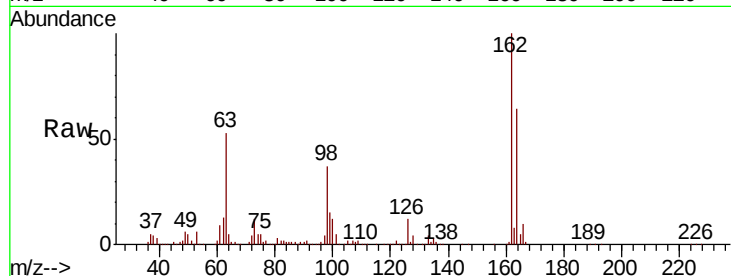
ClientSampleId :

SSTDCCC040

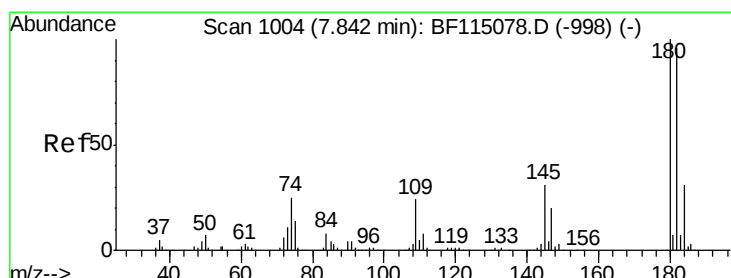
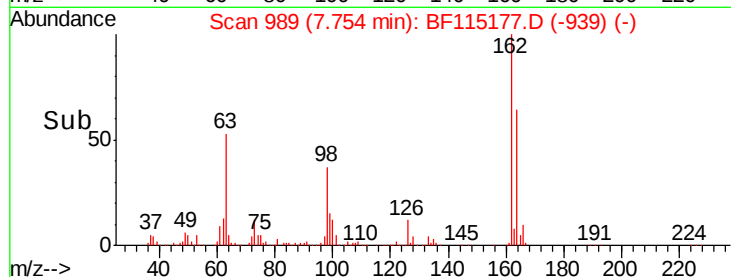
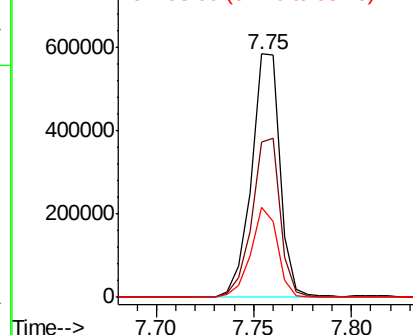
Tot Ion:	162	Resp:	593804
Ion Ratio	Lower	Upper	
162	100		
164	63.6	45.3	85.3
98	36.7	12.5	52.5

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.978 ng

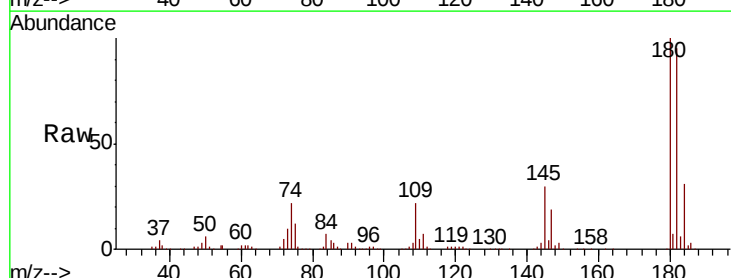
RT: 7.84 min Scan# 1004

Delta R.T. -0.00 min

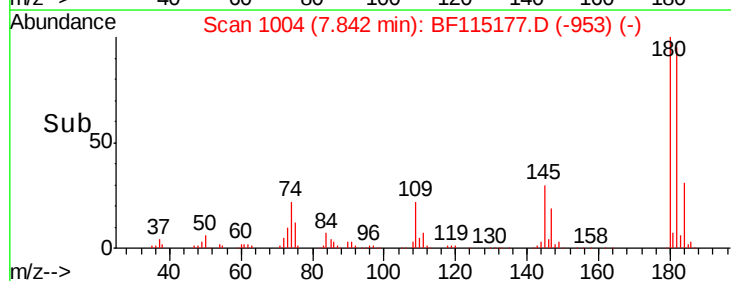
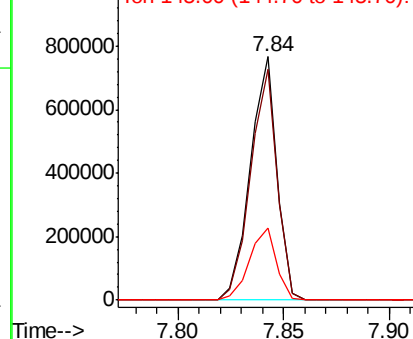
Lab File: BF115177.D

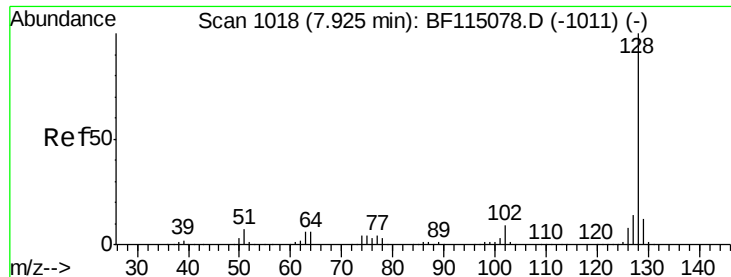
Acq: 25 Jun 2019 8:54

Tgt Ion:	180	Resp:	669912
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	29.8	24.8	37.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





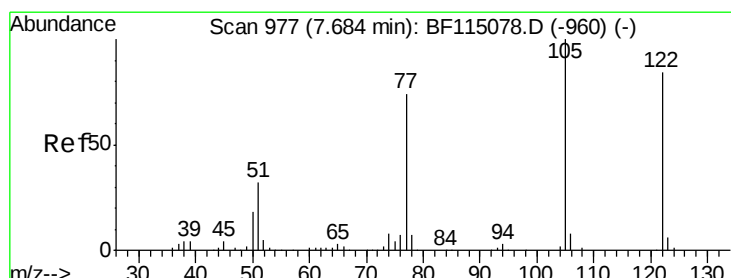
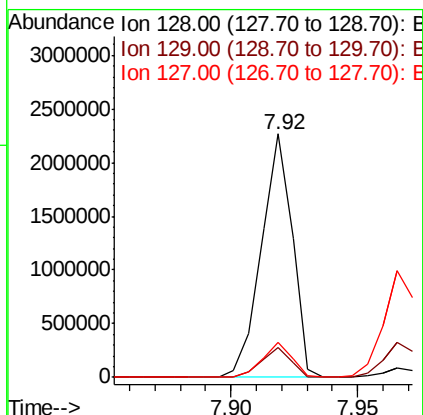
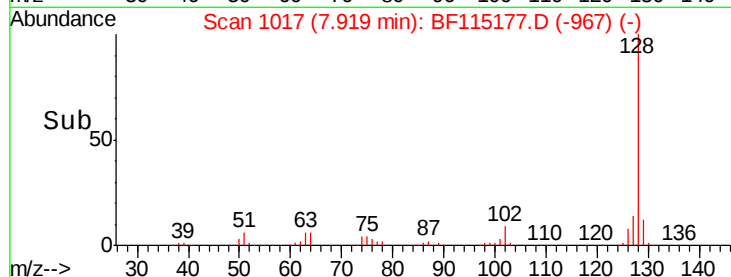
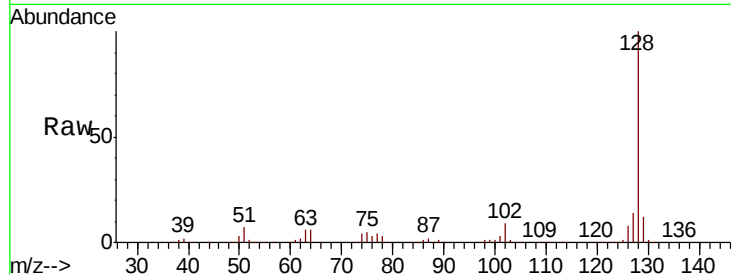
#31
Naphthalene
Concen: 40.955 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.2	11.4	17.0

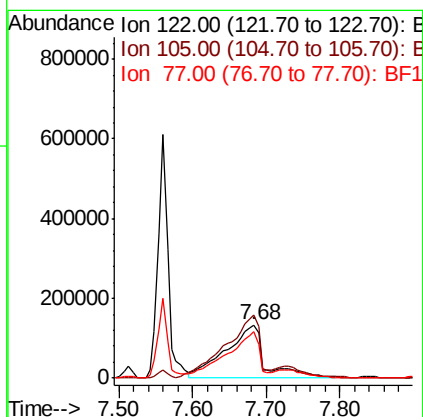
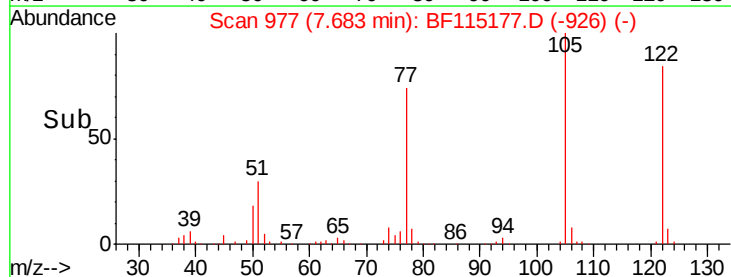
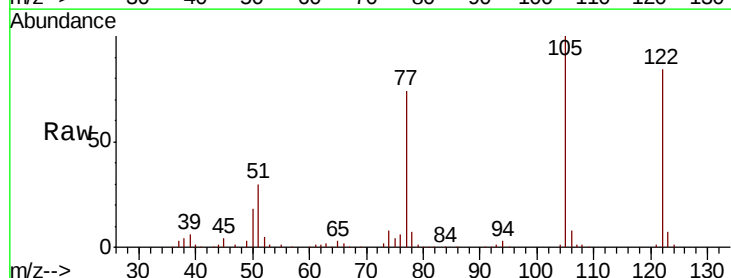
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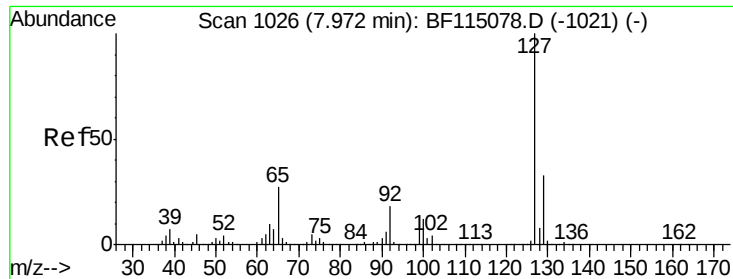
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#32
Benzoic acid
Concen: 49.582 ng m
RT: 7.68 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.4	98.2	138.2
77	88.0	67.0	107.0





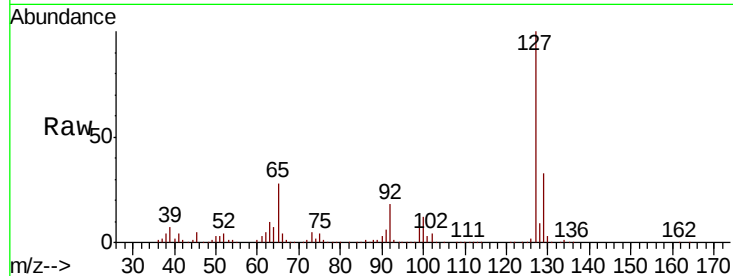
#33
4-Chloroaniline
Concen: 40.753 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

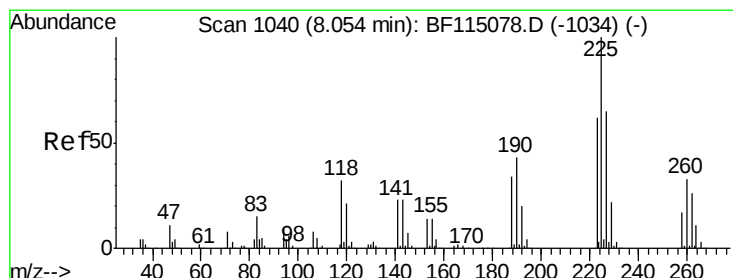
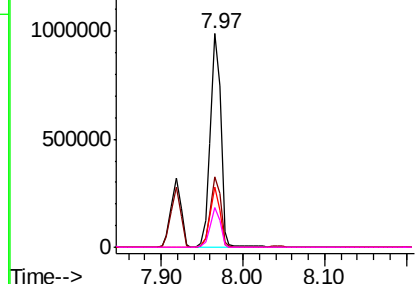
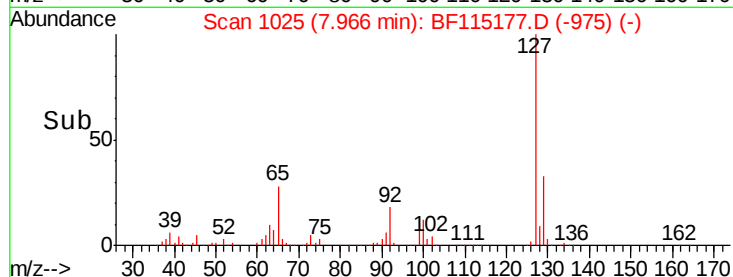
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.1	39.1	
65	28.5	21.4	32.2	
92	18.3	14.1	21.1	

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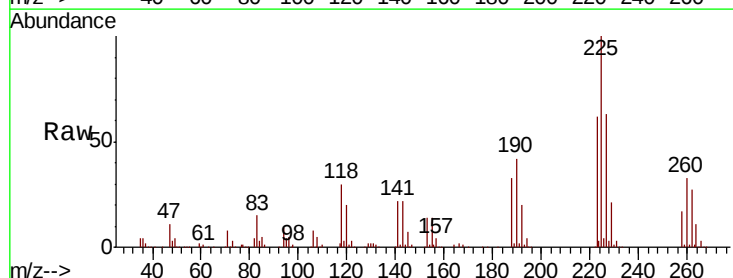


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

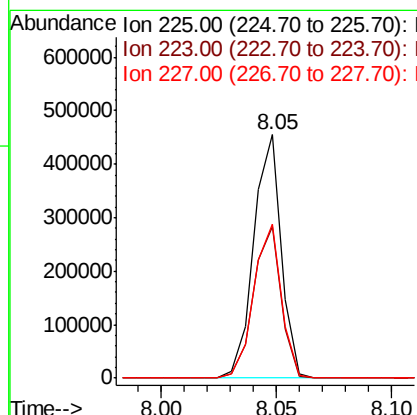
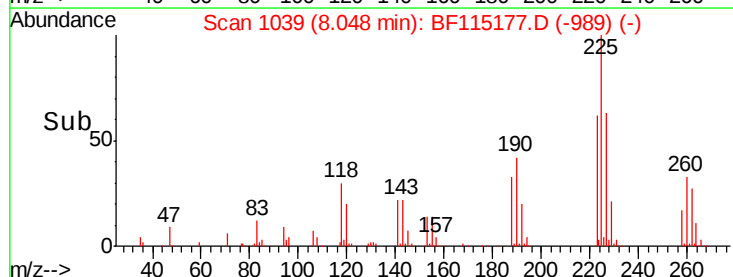


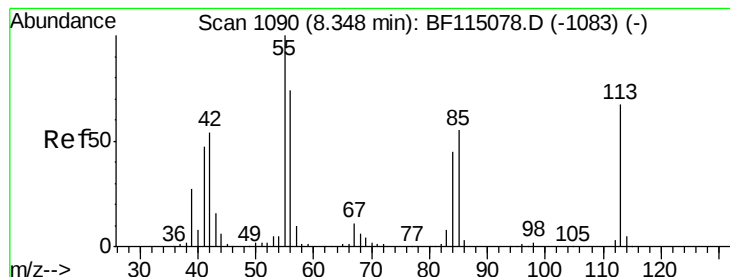
#34
Hexachlorobutadiene
Concen: 43.290 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	49.4	74.2	
227	63.4	51.8	77.8	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.753 ng

RT: 8.34 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:113 Resp: 193098

Ion Ratio Lower Upper

113 100

55 158.6 130.2 170.2

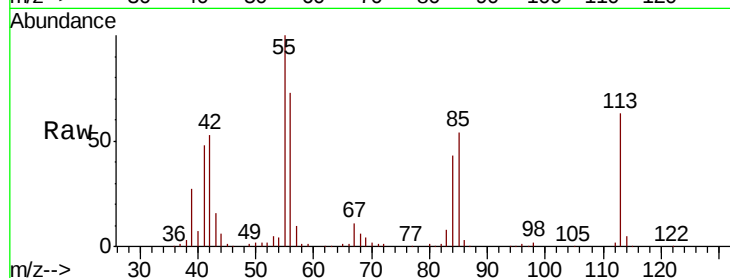
56 115.1 91.6 131.6

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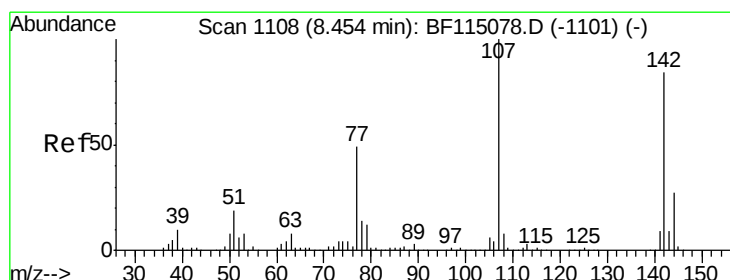
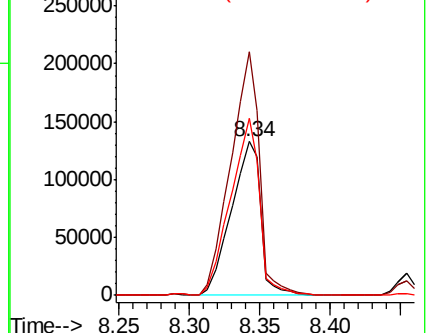
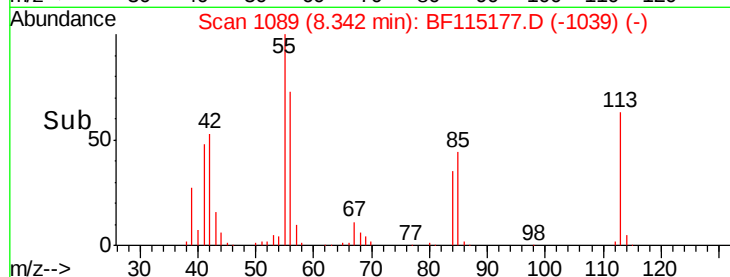
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.864 ng

RT: 8.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

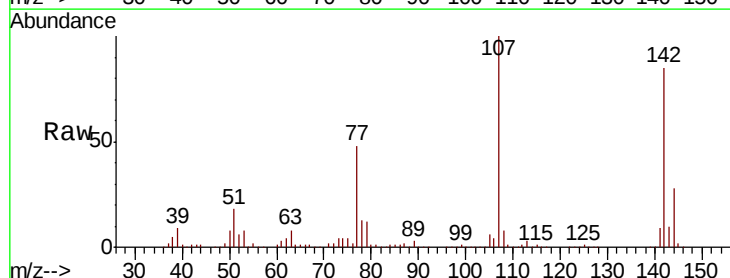
Tgt Ion:107 Resp: 597899

Ion Ratio Lower Upper

107 100

144 28.1 21.7 32.5

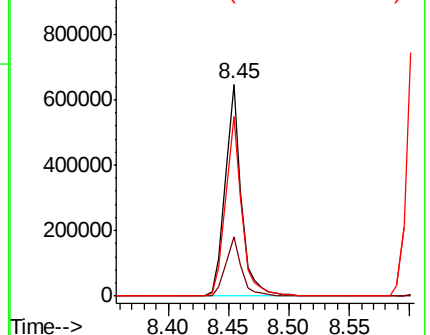
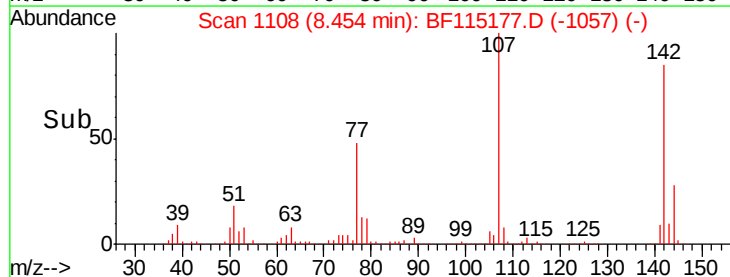
142 85.0 67.0 100.4

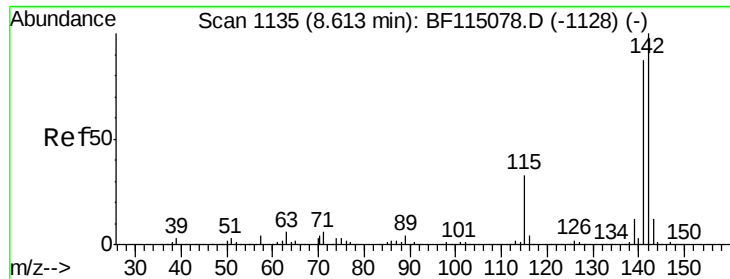


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





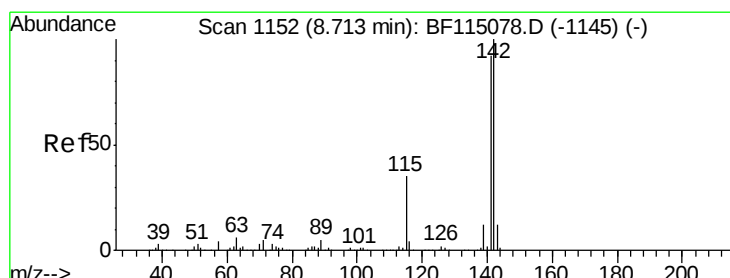
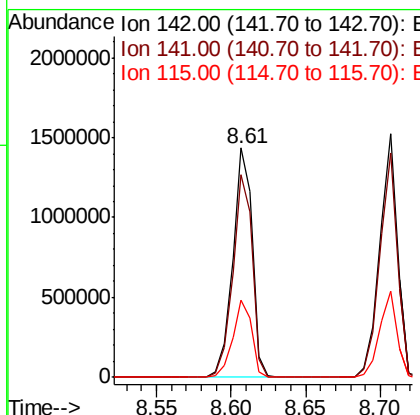
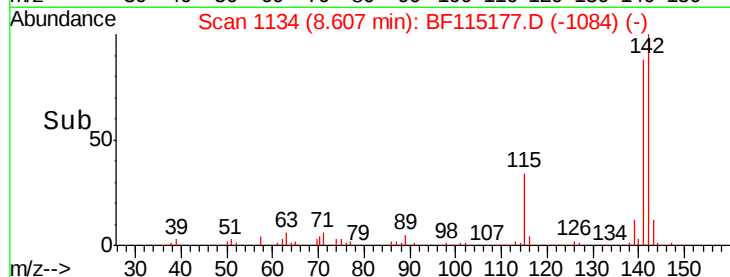
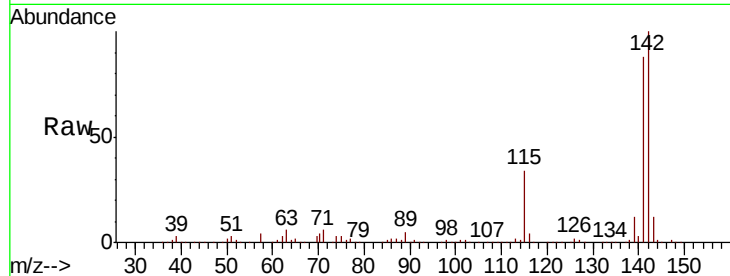
#37
2-Methylnaphthalene
Concen: 41.142 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1316473
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6
115 33.9 26.7 40.1

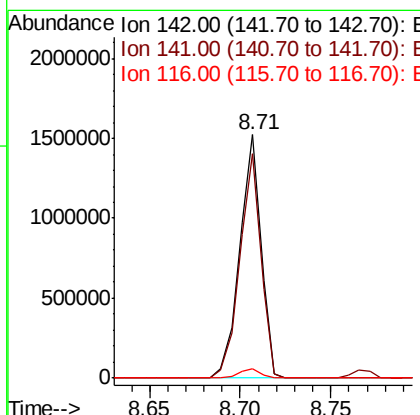
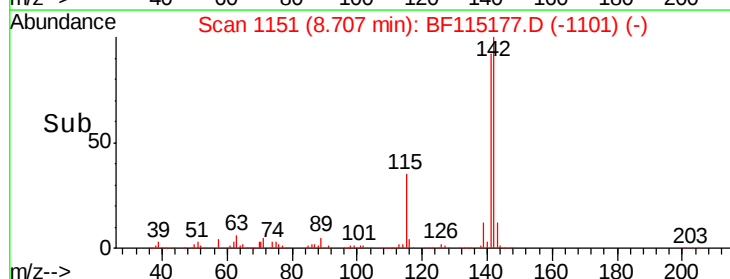
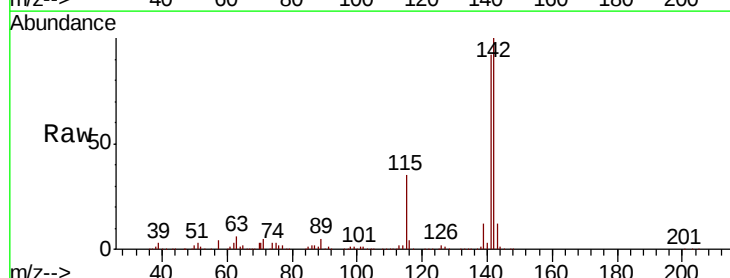
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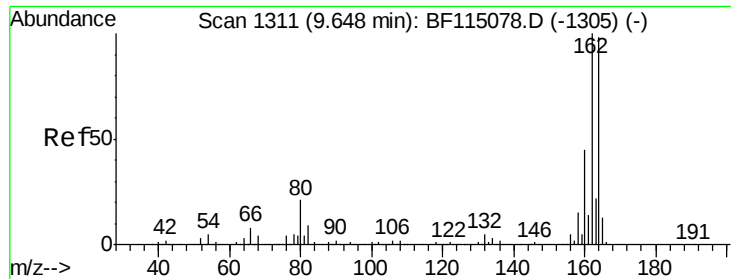
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#38
1-Methylnaphthalene
Concen: 40.607 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion:142 Resp: 1240988
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 3.8 2.8 4.2





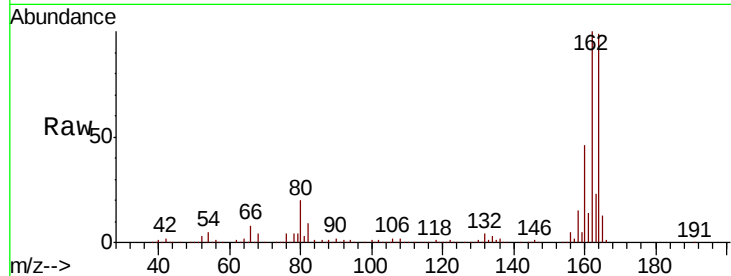
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.7	122.5	
160	46.3	37.0	55.4	

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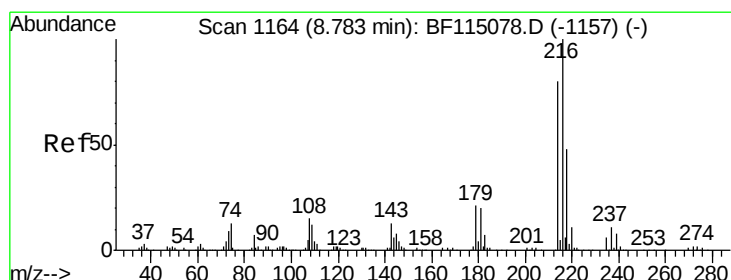
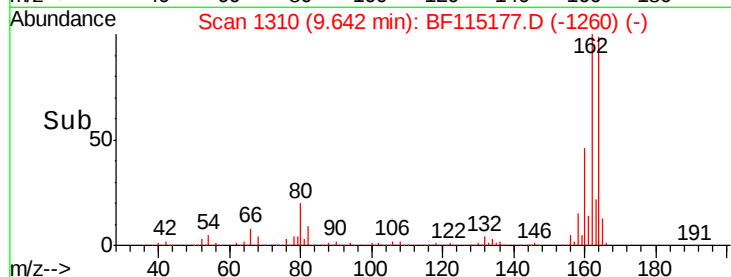
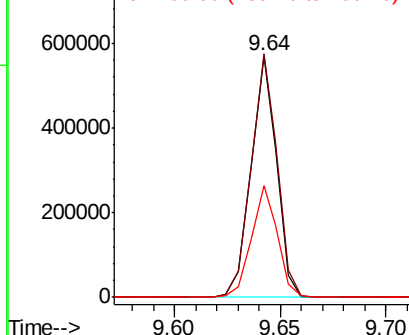


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.654 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	21.9	17.6	26.4	
108	19.0	15.7	23.5	

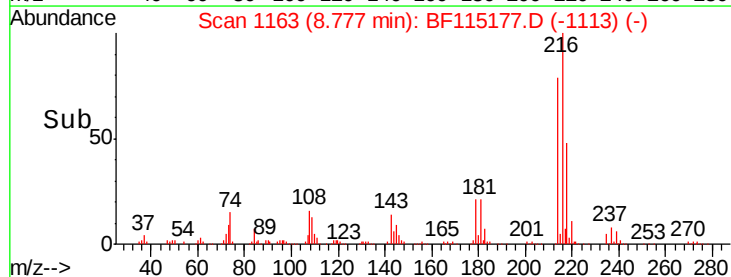
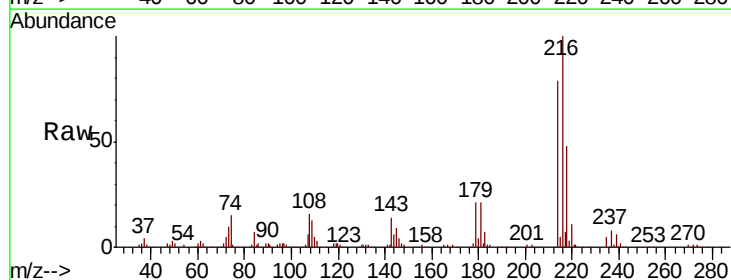
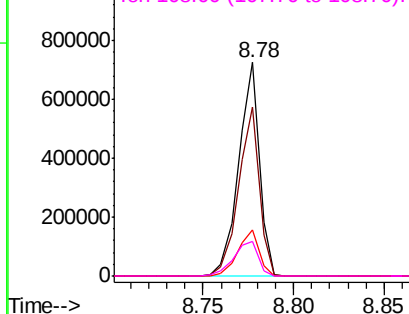
Abundance

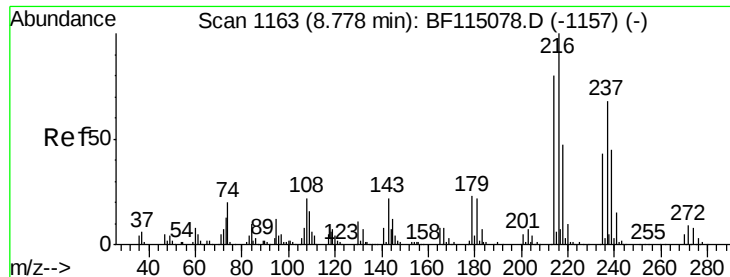
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





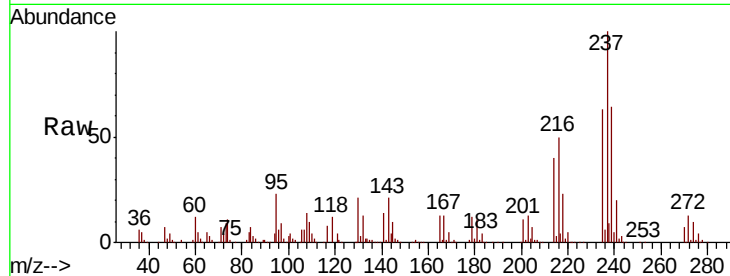
#41
Hexachlorocyclopentadiene
Concen: 40.764 ng
RT: 8.77 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

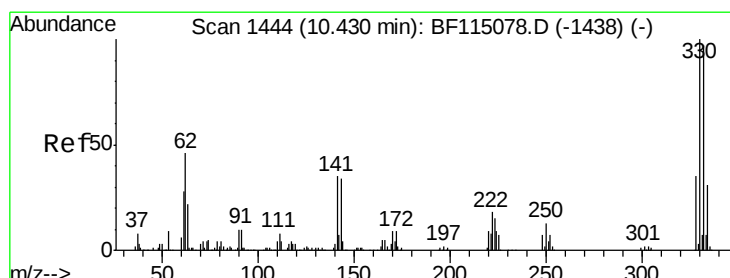
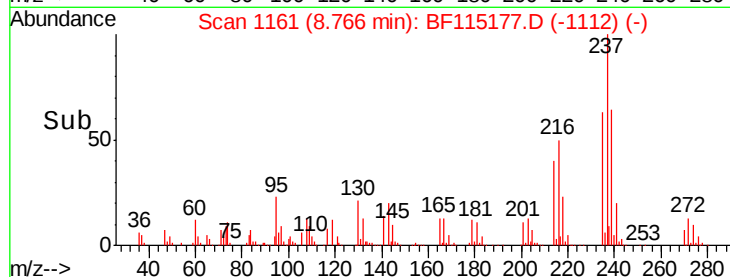
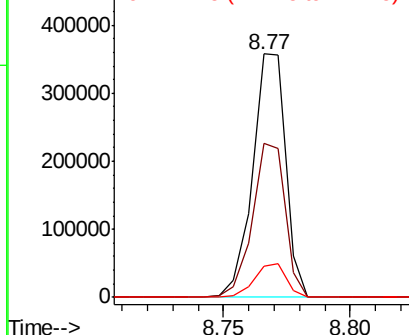
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	43.9	83.9
272	12.8	0.0	33.8

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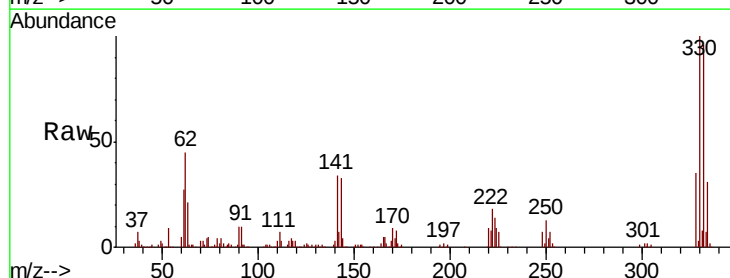


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

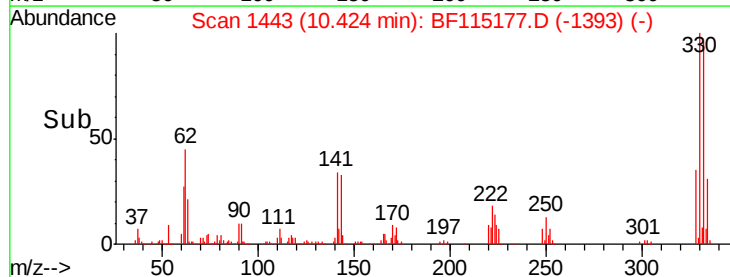
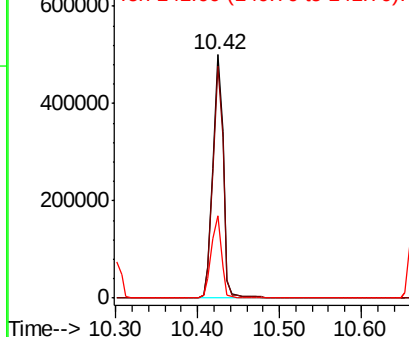


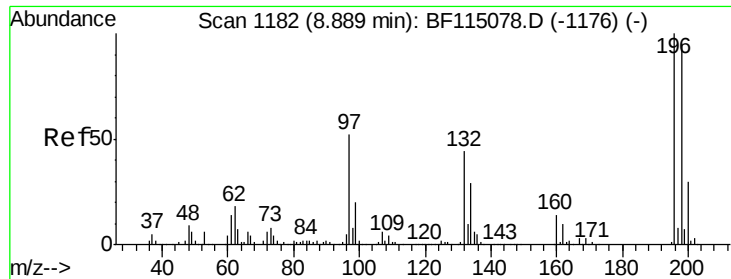
#42
2,4,6-Tribromophenol
Concen: 88.439 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	77.3	115.9
141	33.0	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





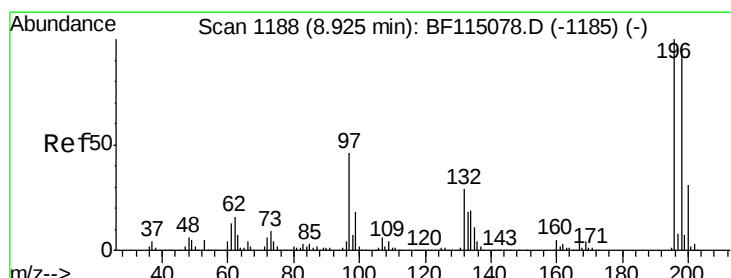
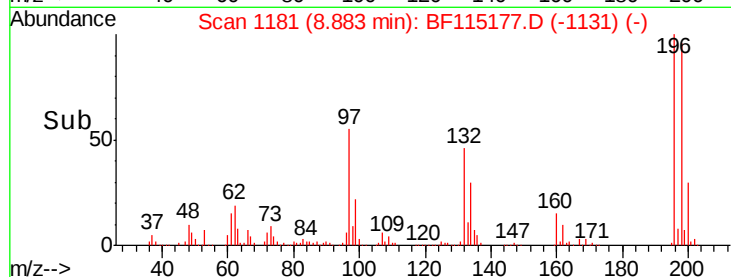
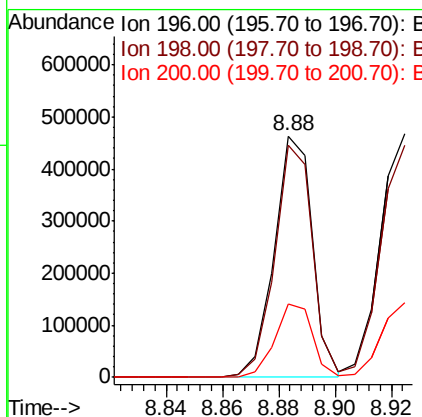
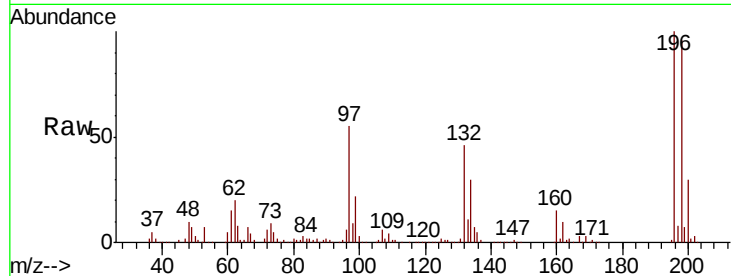
#43
 2,4,6-Trichlorophenol
 Concen: 41.400 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	431773		
198	96.0	76.3	114.5	
200	30.1	24.2	36.4	

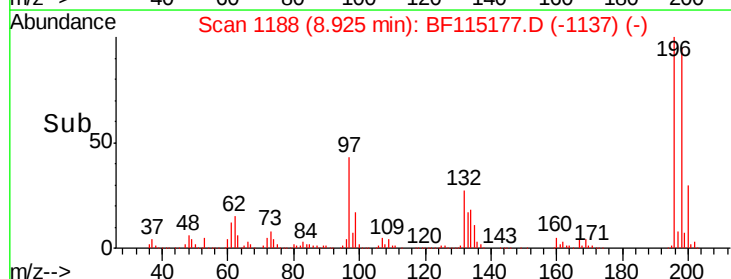
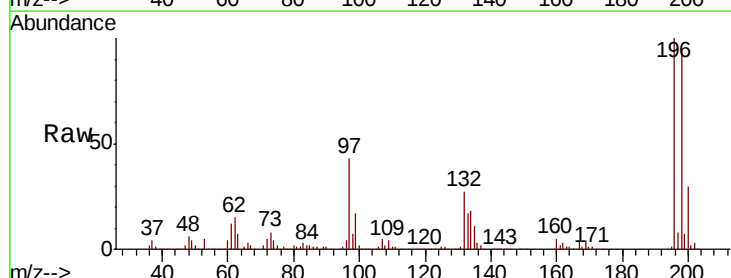
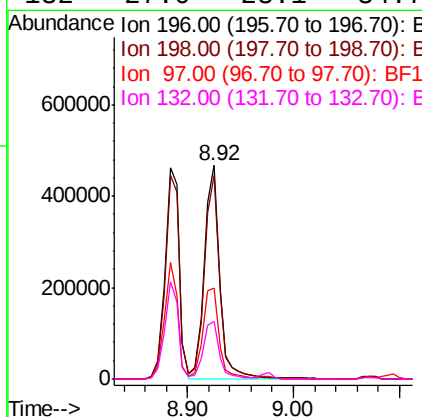
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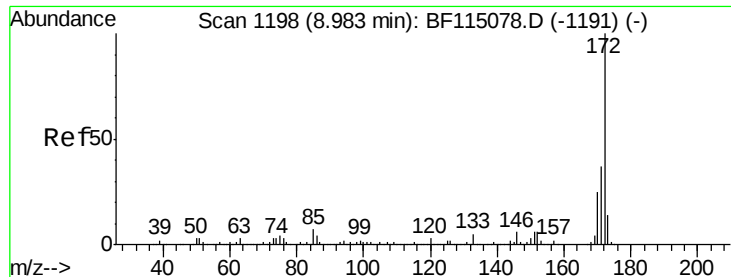
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#44
 2,4,5-Trichlorophenol
 Concen: 43.739 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	469762		
198	95.1	77.1	115.7	
97	42.8	37.7	56.5	
132	27.0	23.1	34.7	





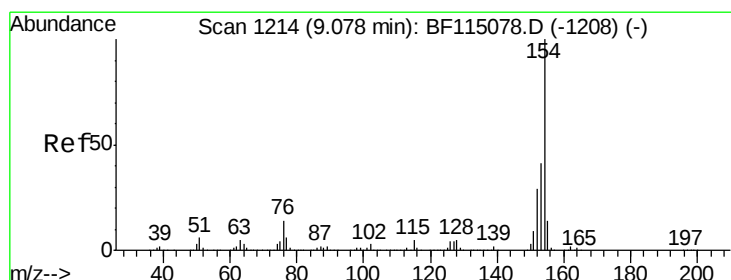
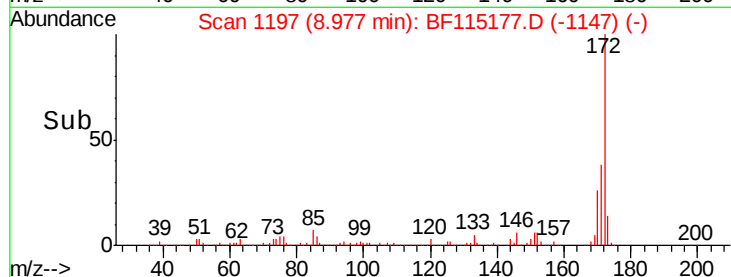
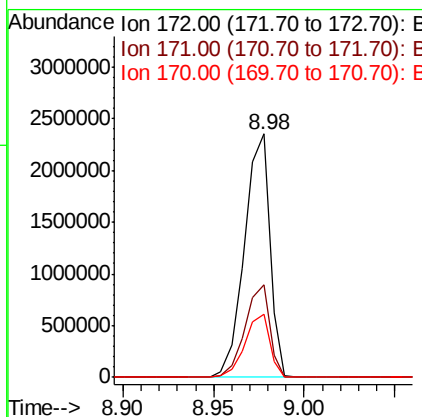
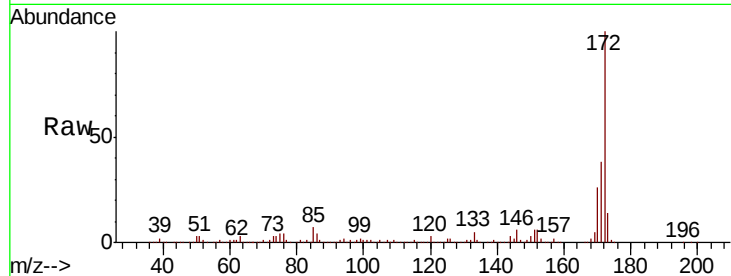
#45
2-Fluorobiphenyl
Concen: 81.578 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	25.9	20.3	30.5

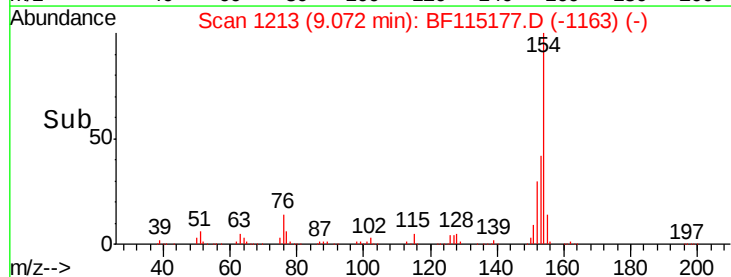
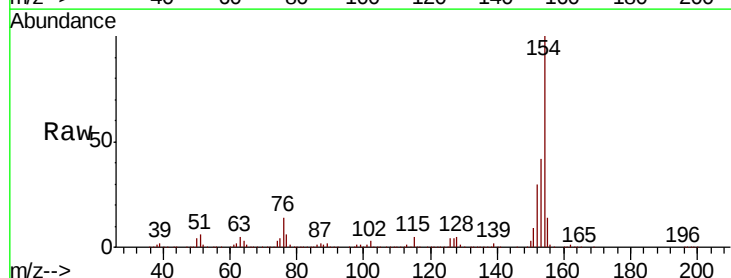
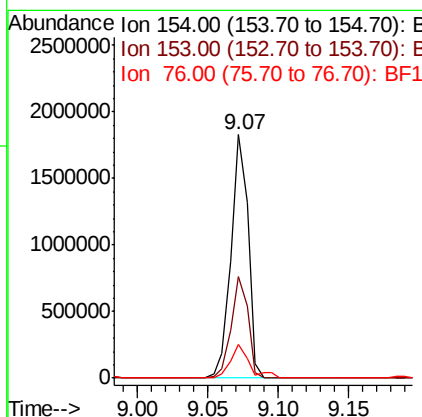
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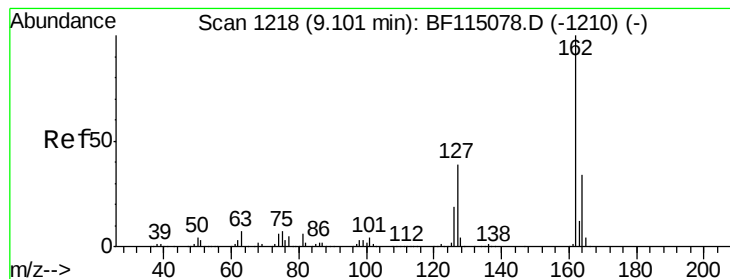
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#46
1,1'-Biphenyl
Concen: 40.242 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.9	60.9
76	13.8	0.0	34.1





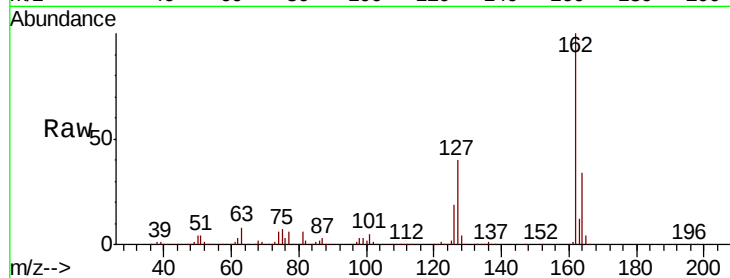
#47
 2-Chloronaphthalene
 Concen: 41.464 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

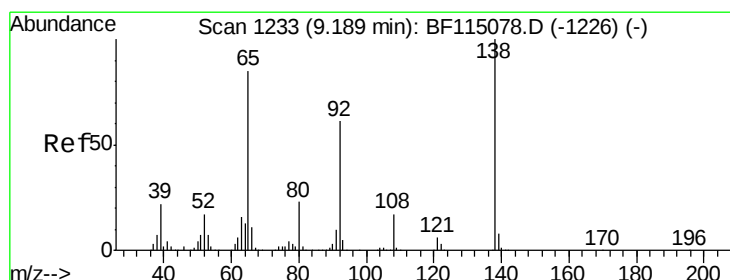
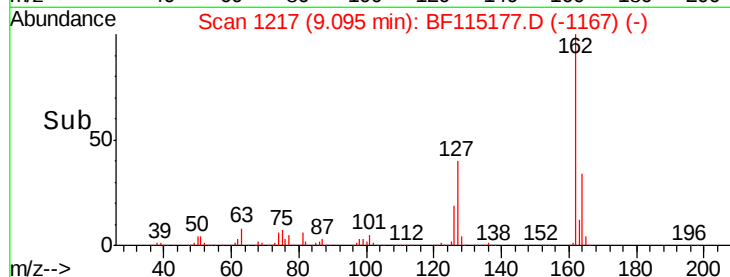
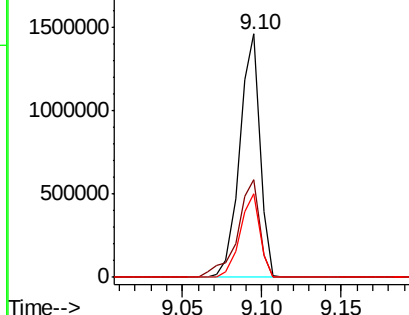
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.8	46.2
164	34.4	27.0	40.4

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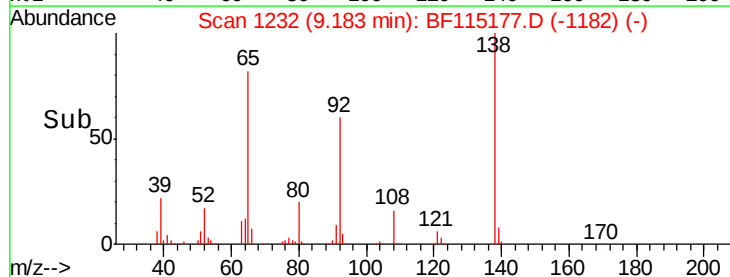
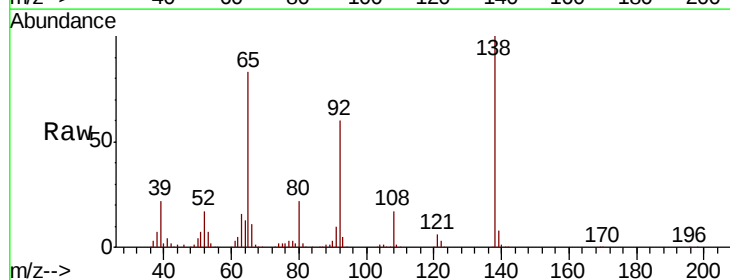
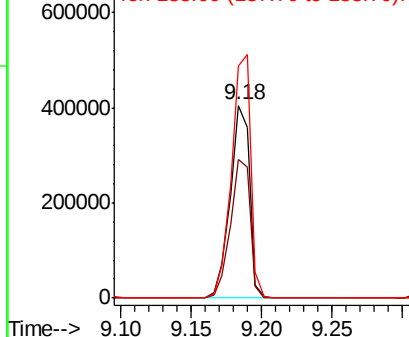
Abundance Ion 162.00 (161.70 to 162.70): E
 2000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

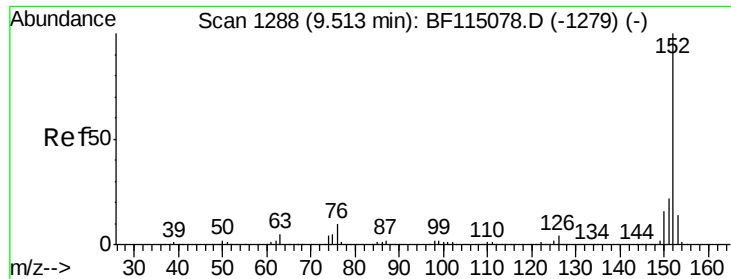


#48
 2-Nitroaniline
 Concen: 42.770 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.4	86.2
138	120.5	94.1	141.1

Abundance Ion 65.00 (64.70 to 65.70): BF1
 600000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.755 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1970146

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

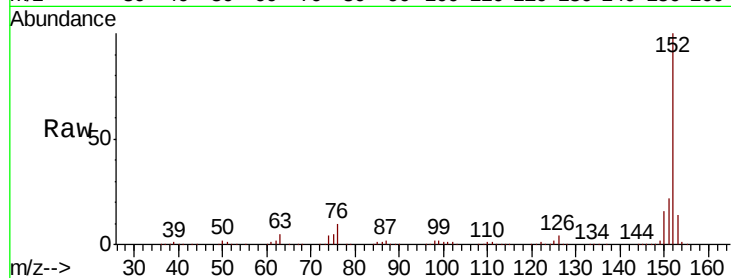
153 13.9 11.0 16.6

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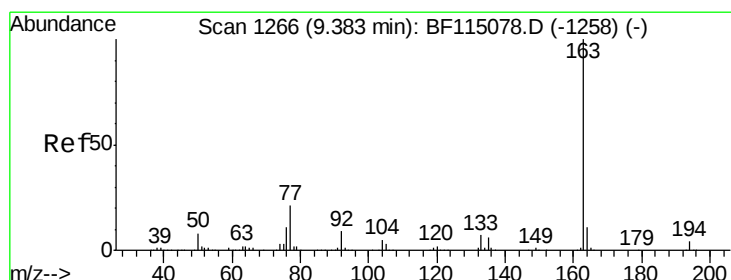
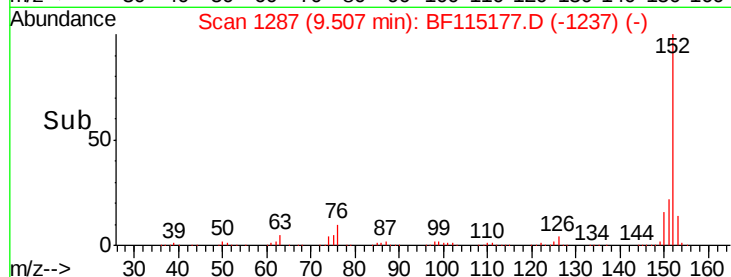
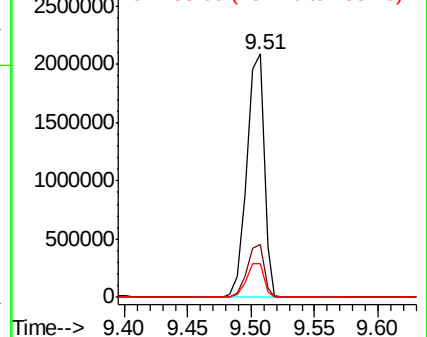
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.842 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

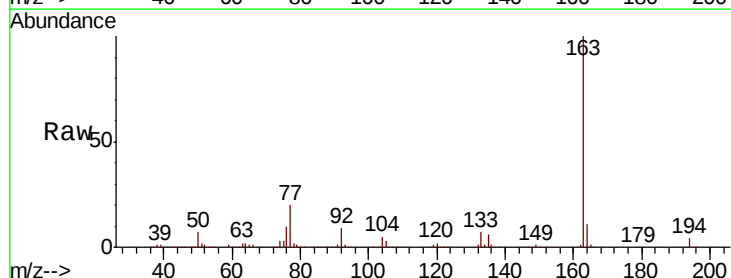
Tgt Ion:163 Resp: 1471647

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

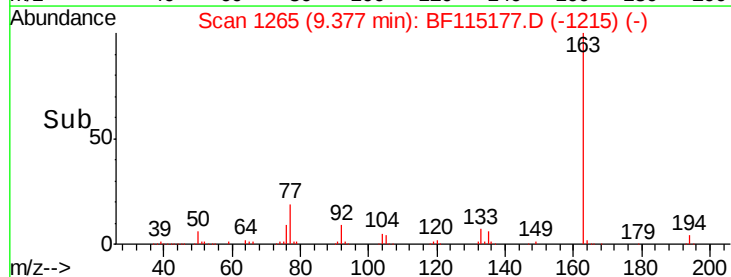
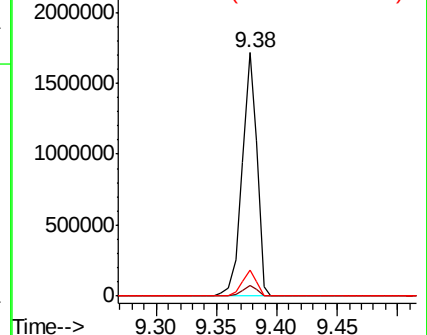
164 10.8 8.6 13.0

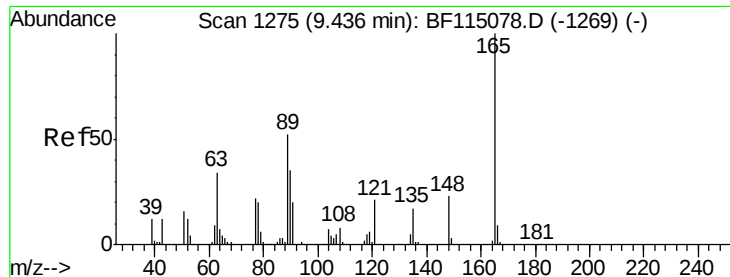


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





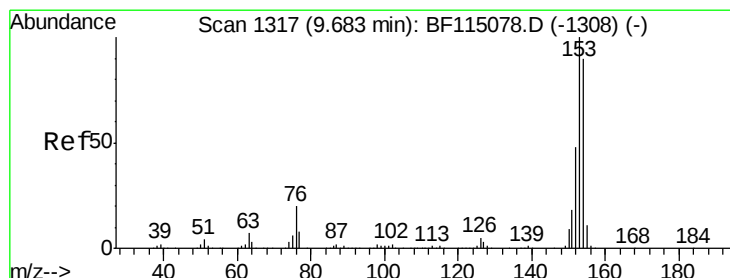
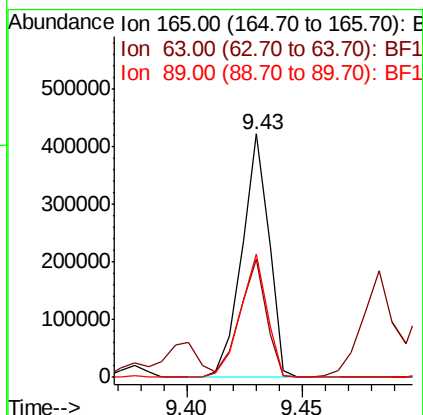
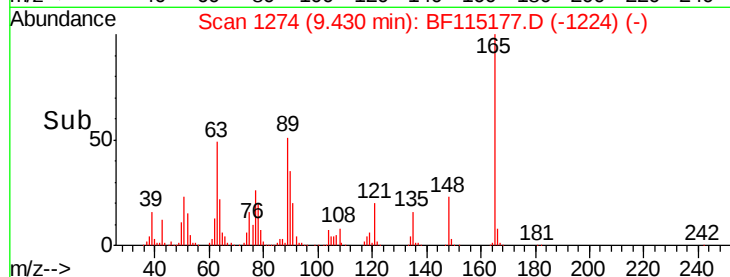
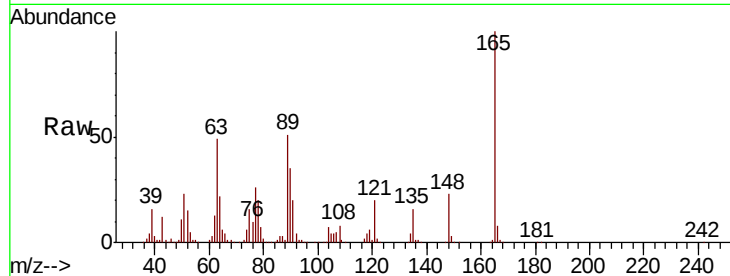
#51
2,6-Dinitrotoluene
Concen: 42.573 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	345686		
63	48.5		39.4	59.2
89	50.7		42.0	63.0

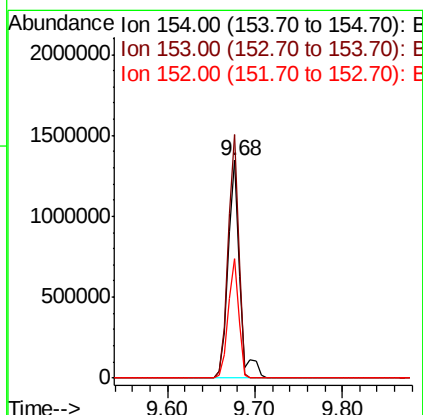
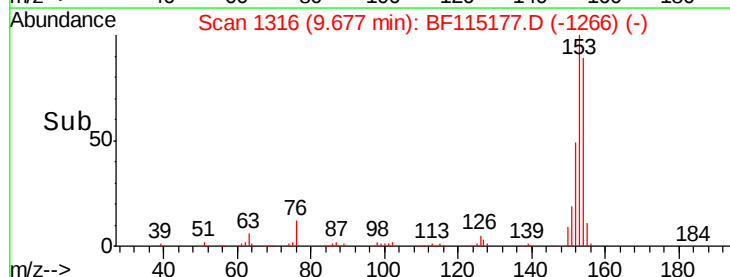
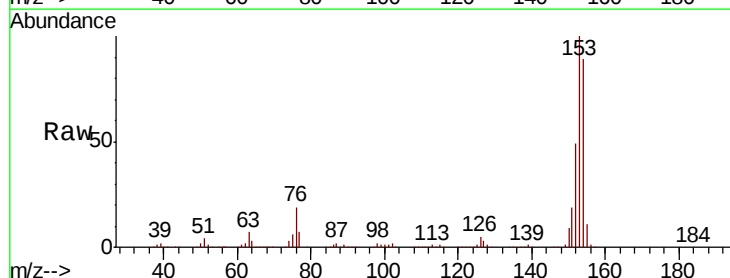
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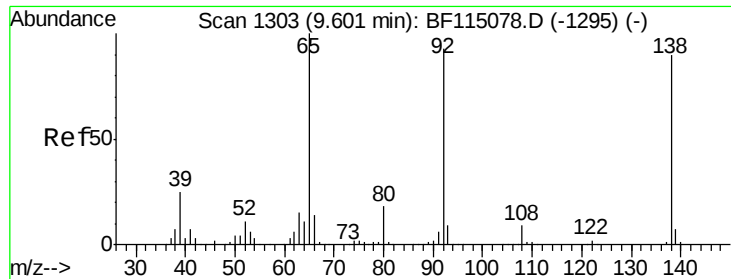
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#52
Acenaphthene
Concen: 41.244 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1247607		
153	111.8		88.7	133.1
152	54.9		42.6	64.0





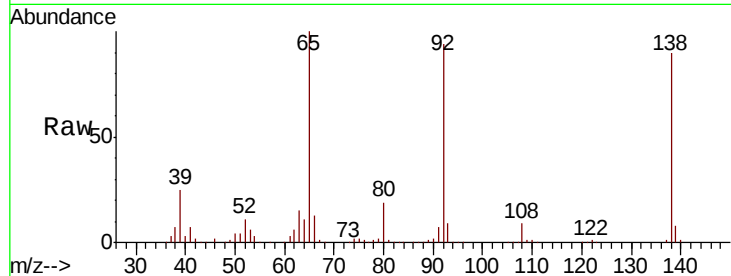
#53
3-Nitroaniline
Concen: 41.124 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	104.0	82.9	124.3

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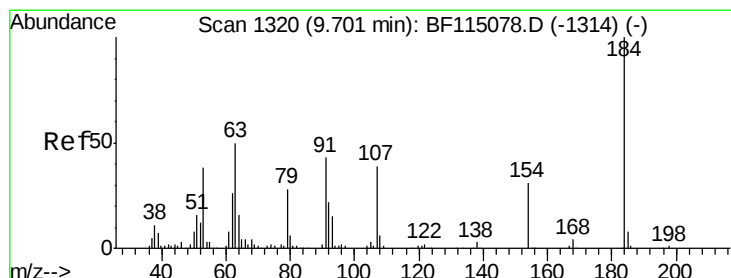
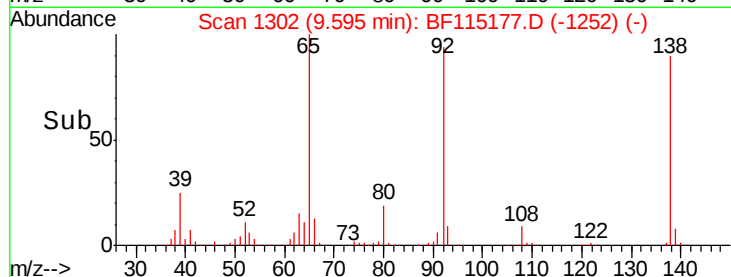
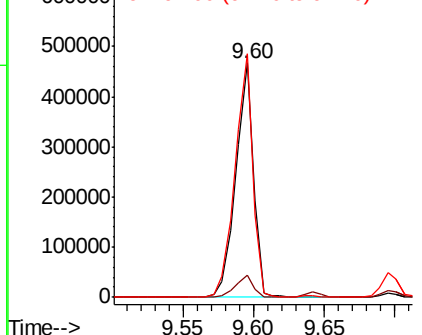


Abundance

Ion 138.00 (137.70 to 138.70): E

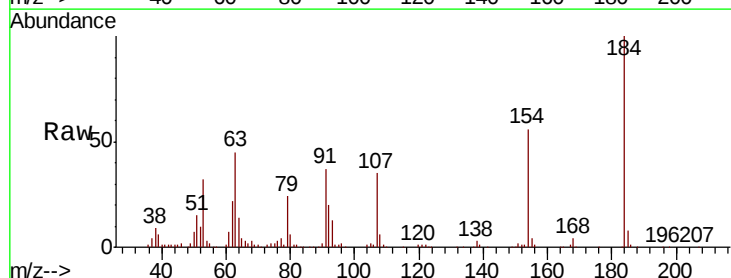
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 45.423 ng
RT: 9.70 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.8	41.9	62.9
154	55.7	44.7	67.1

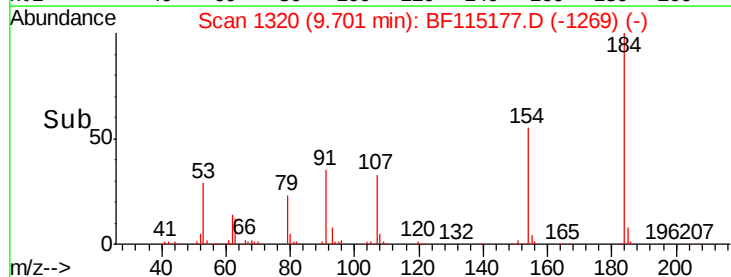
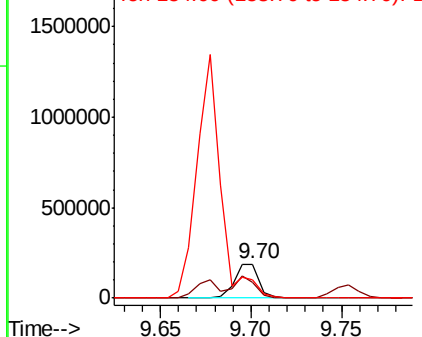


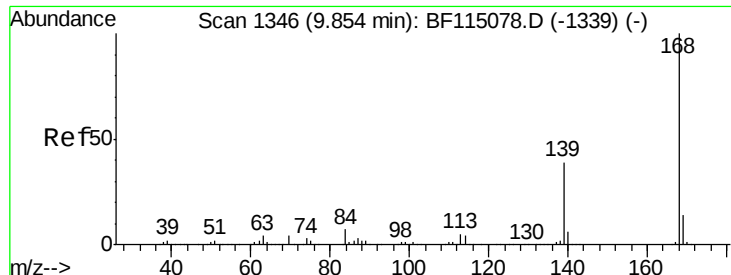
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





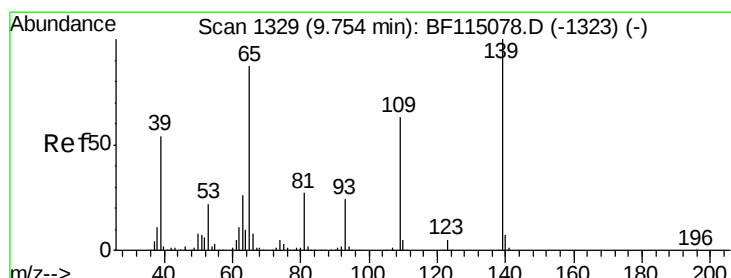
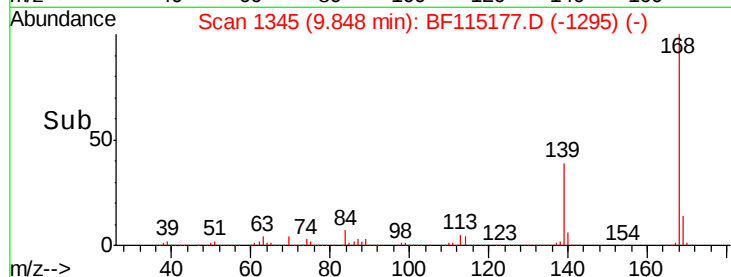
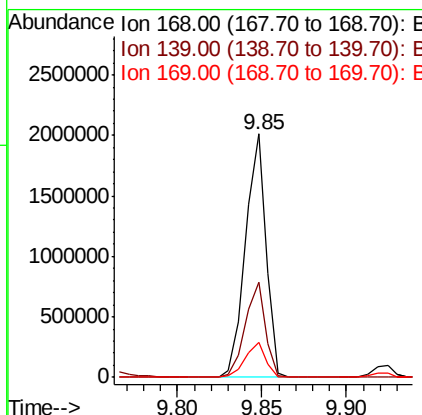
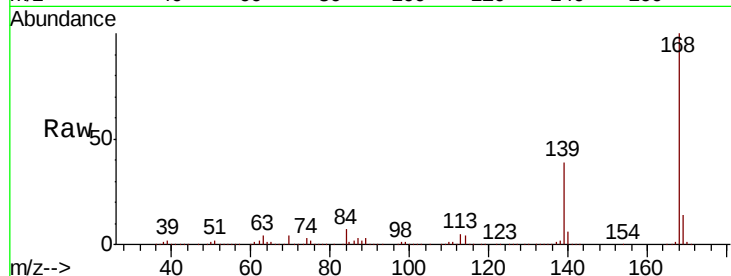
#55
Dibenzofuran
Concen: 39.691 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.1	46.7
169	14.3	11.3	16.9

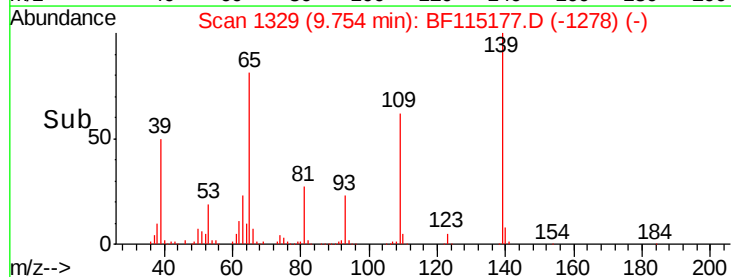
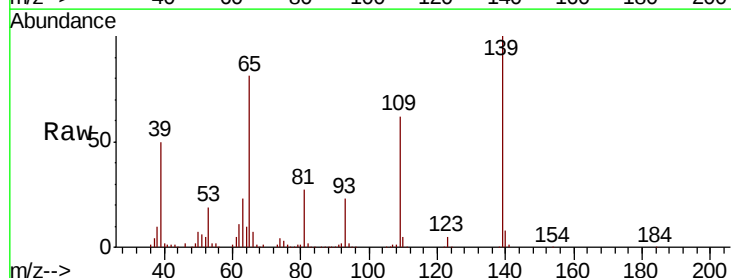
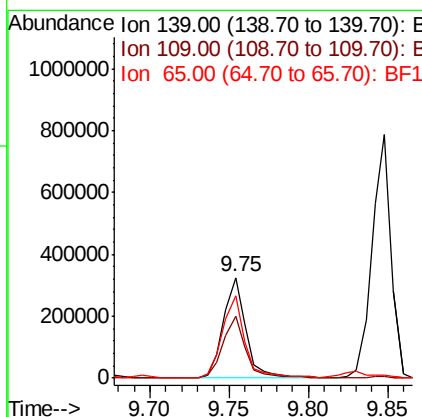
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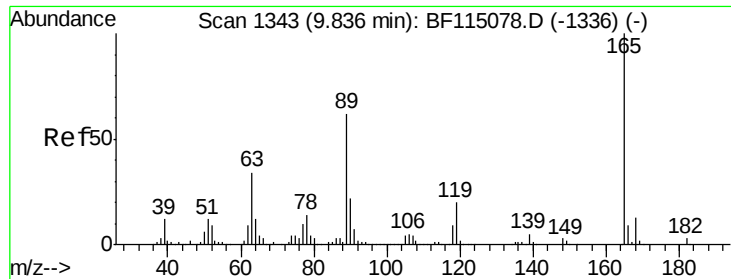
mohammad
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#56
4-Nitrophenol
Concen: 41.189 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.0	83.0
65	81.2	67.0	107.0





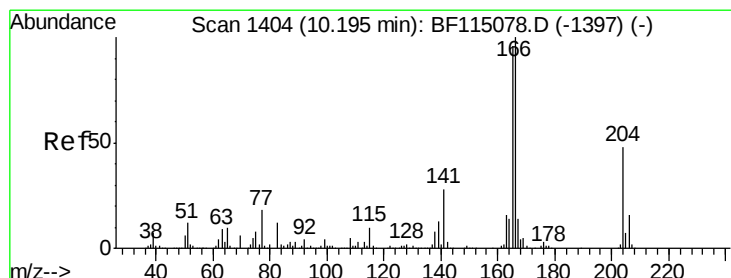
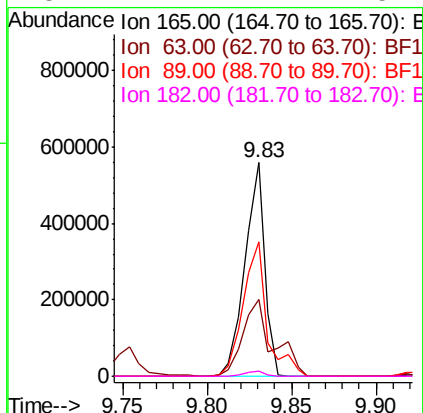
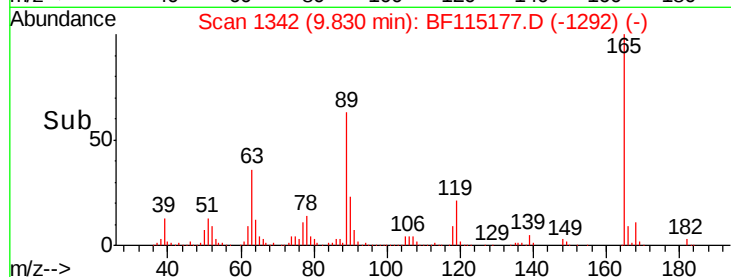
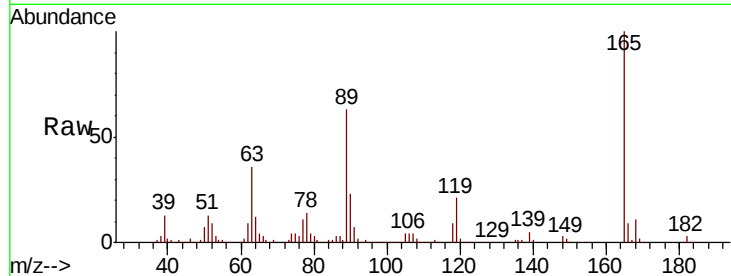
#57
2,4-Dinitrotoluene
Concen: 43.840 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	459644		
63	35.8	27.5	41.3	
89	62.8	49.9	74.9	
182	2.7	2.1	3.1	

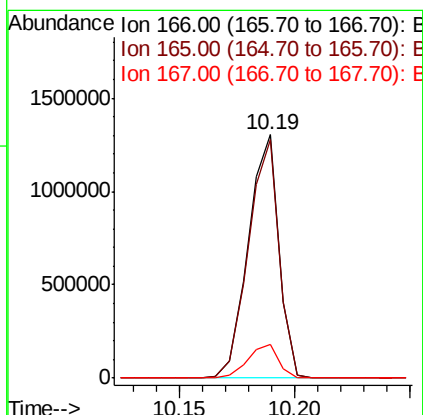
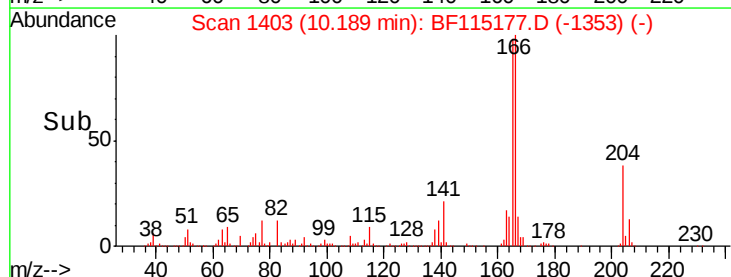
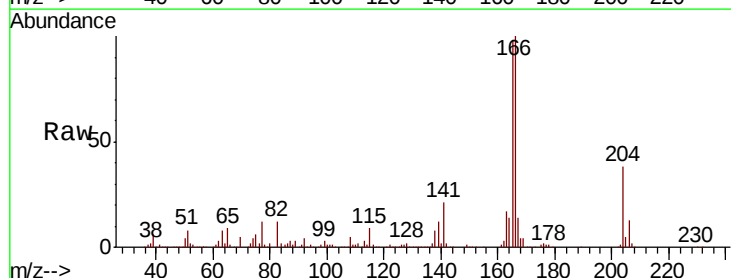
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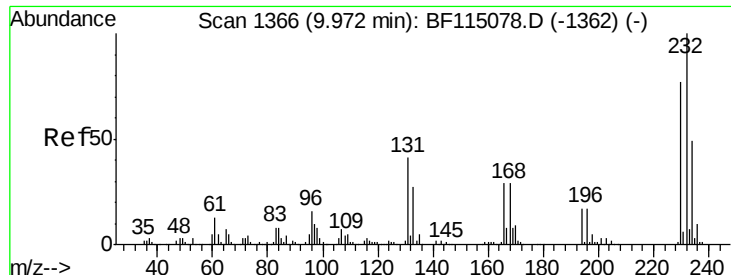
mohammad
6/26/2019 2:03:00 PM



#58
Fluorene
Concen: 41.207 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1207197		
165	98.1	76.5	114.7	
167	13.9	11.0	16.4	





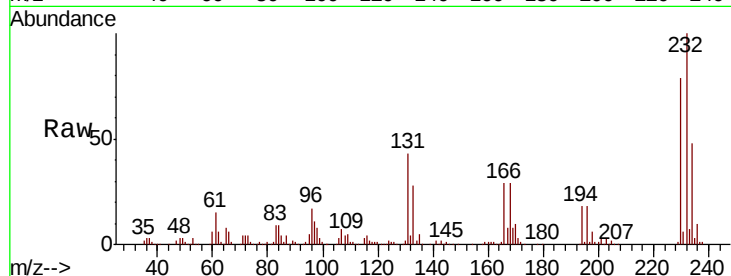
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.715 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

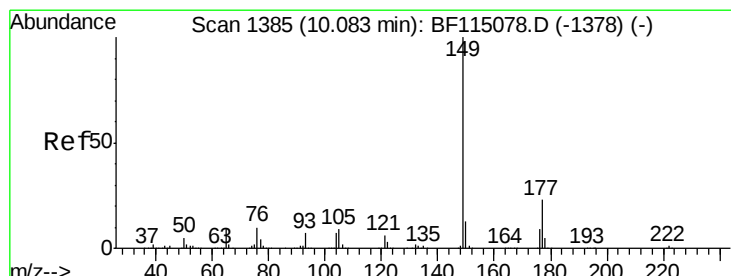
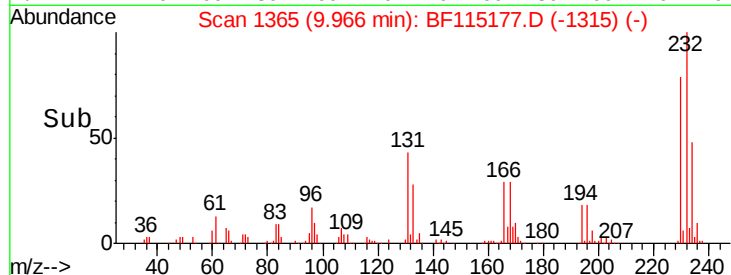
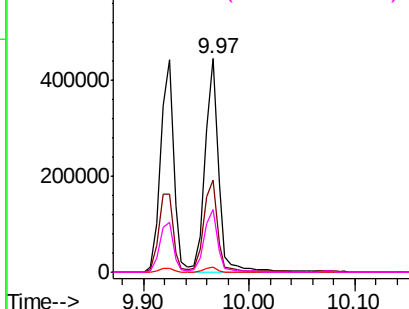
Tot Ion	Ratio	Resp	Lower	Upper
232	100	393692		
131	44.3	37.4	56.0	
130	2.2	1.8	2.6	
166	29.5	24.6	36.8	

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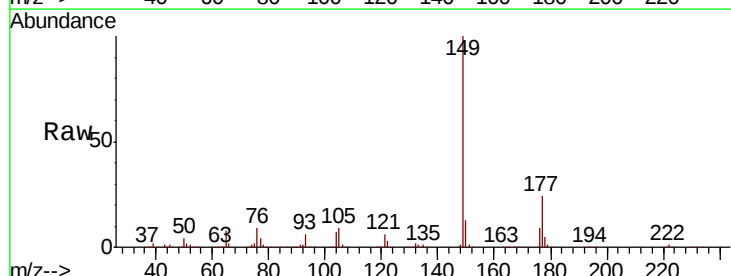


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

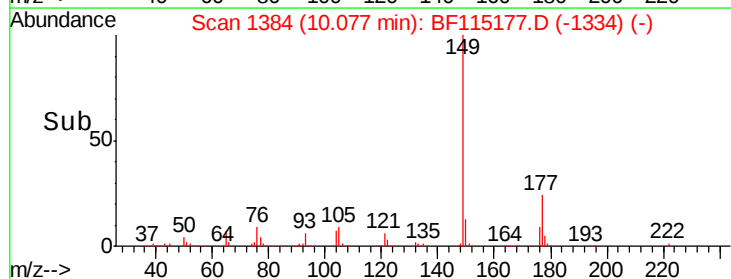
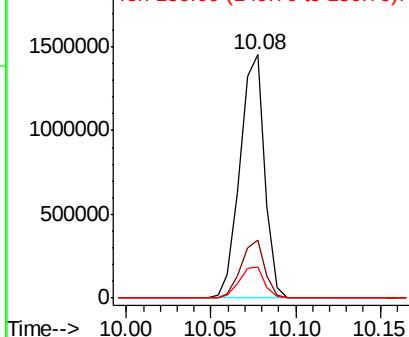


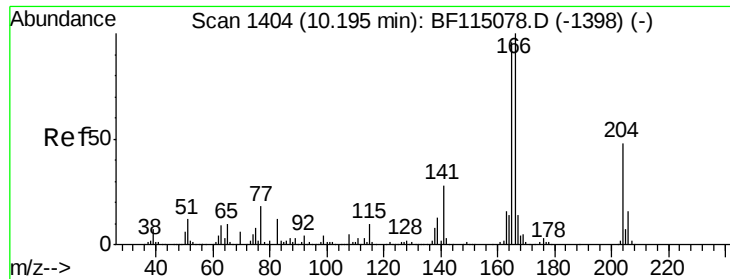
#60
 Diethylphthalate
 Concen: 41.652 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1472572		
177	23.7	18.7	28.1	
150	12.7	10.4	15.6	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





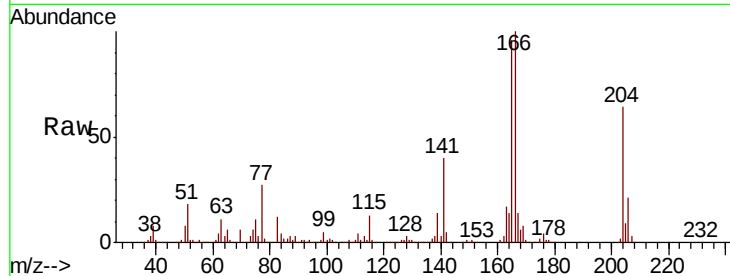
#61
4-Chlorophenyl-phenylether
Concen: 43.537 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	601095		
206	32.9	26.6	40.0	
141	61.6	46.7	70.1	

Manual Integrations
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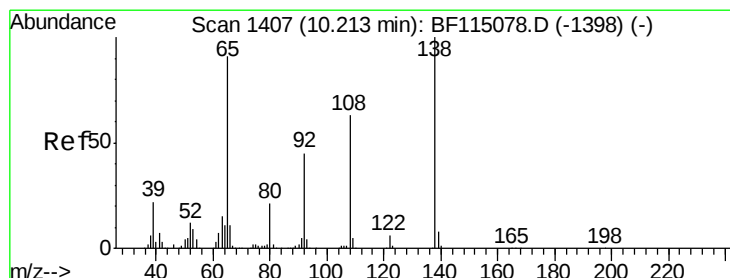
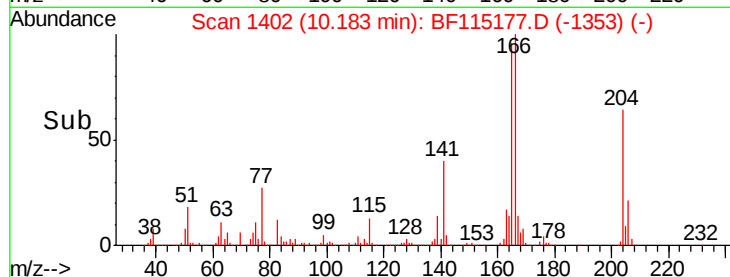
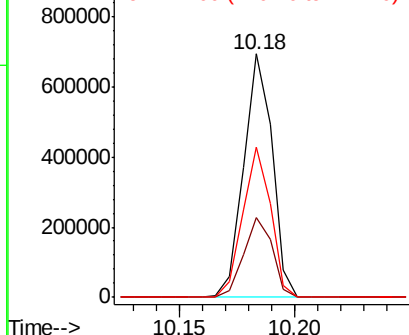


Abundance

Ion 204.00 (203.70 to 204.70): E

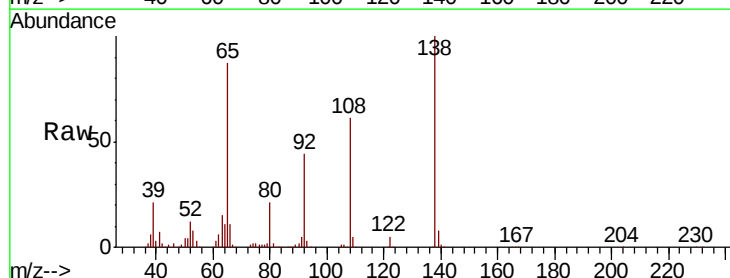
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.838 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	415902		
92	43.6	24.8	64.8	
108	61.0	43.3	83.3	

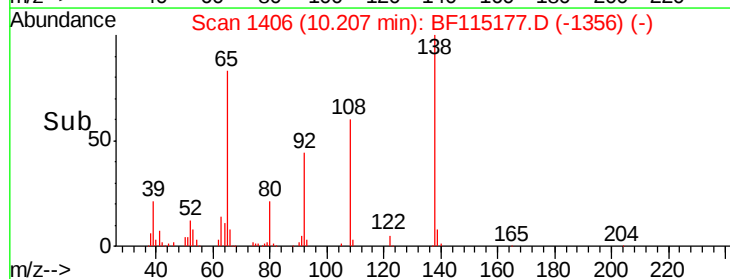
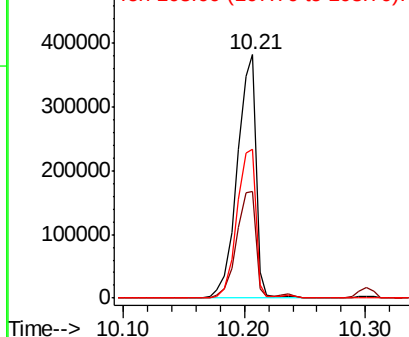


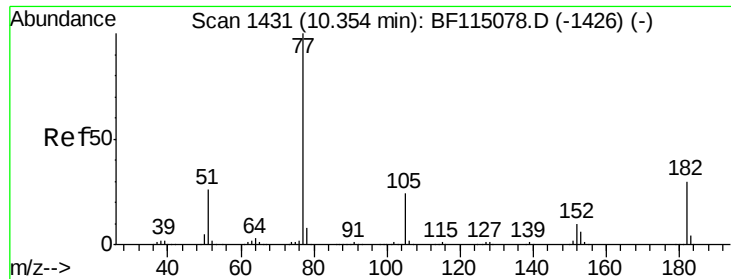
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





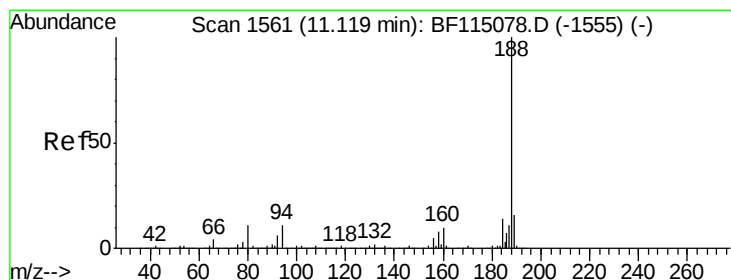
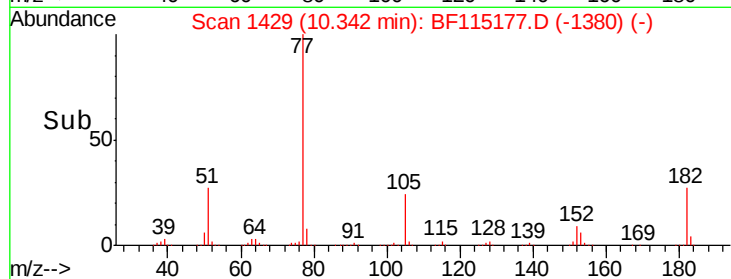
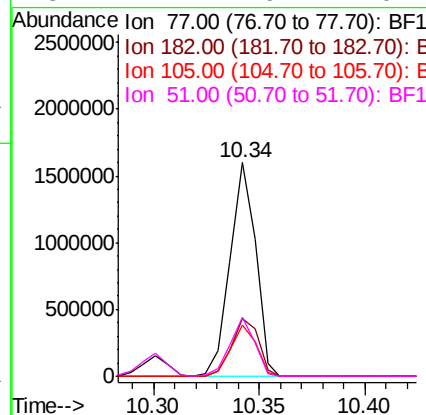
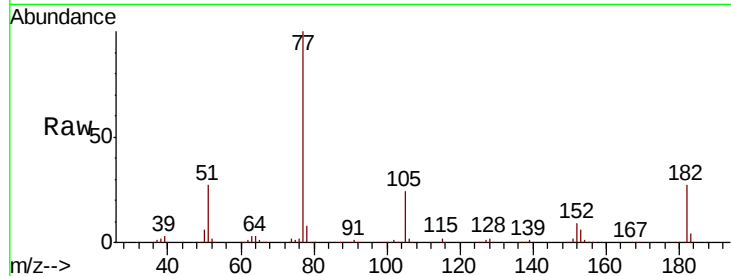
#63
Azobenzene
Concen: 40.564 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	10.1	50.1
105	23.7	4.5	44.5
51	27.4	6.4	46.4

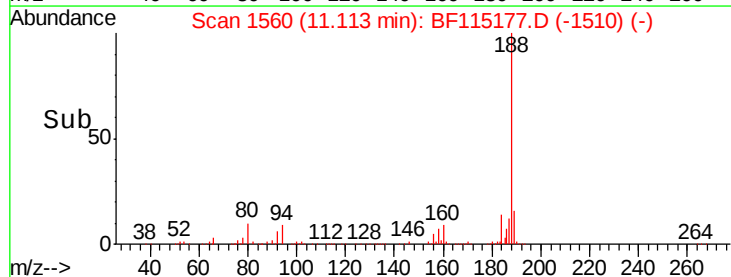
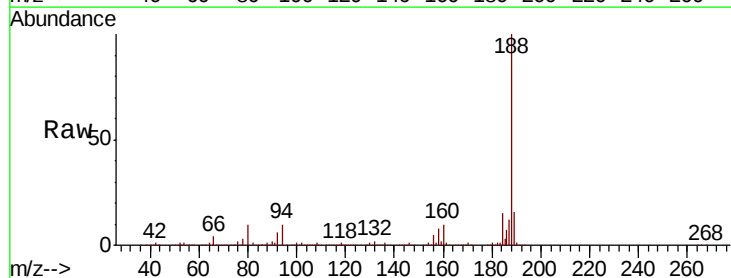
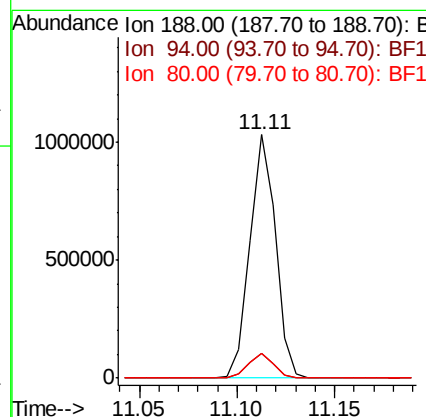
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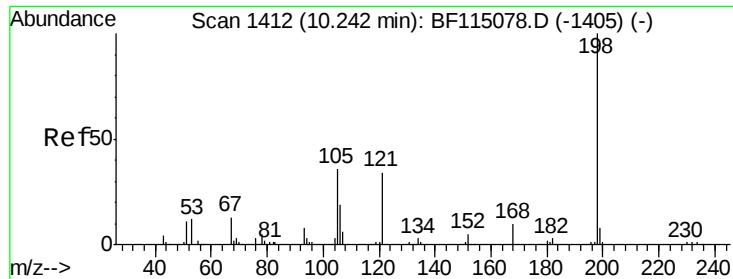
mohammad
6/26/2019 2:03:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.2	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 45.105 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:198 Resp: 224097

Ion Ratio Lower Upper

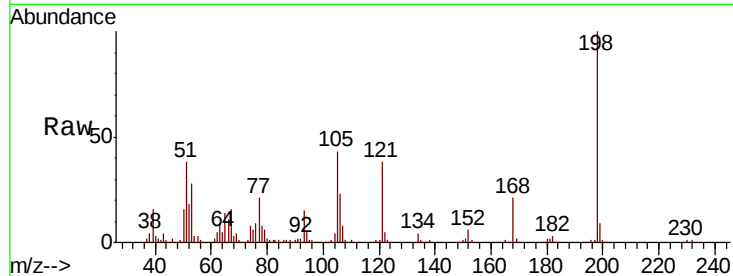
198 100

51 38.0 11.0 51.0

105 42.7 17.3 57.3

Manual Integrations
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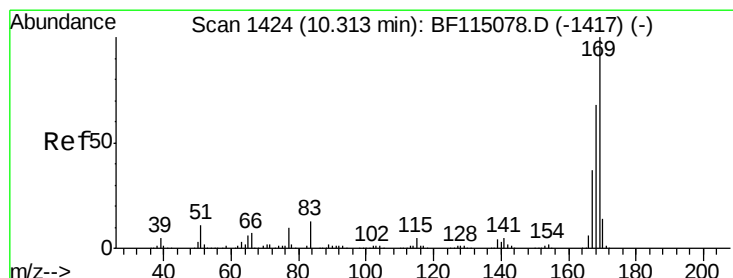
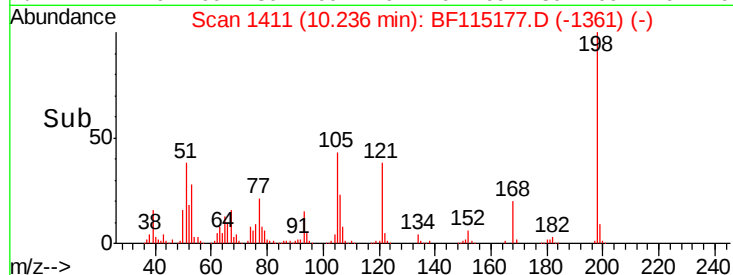
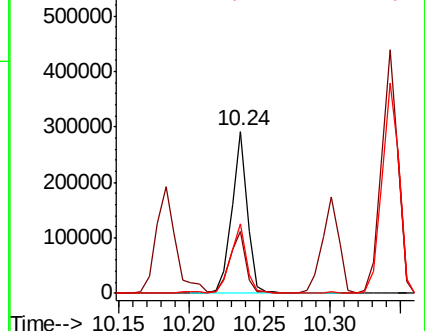
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.546 ng

RT: 10.30 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

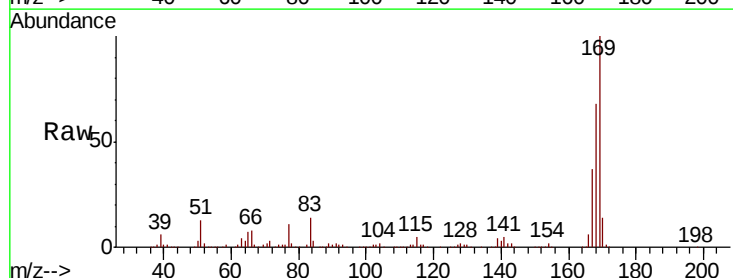
Tgt Ion:169 Resp: 1188306

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.4

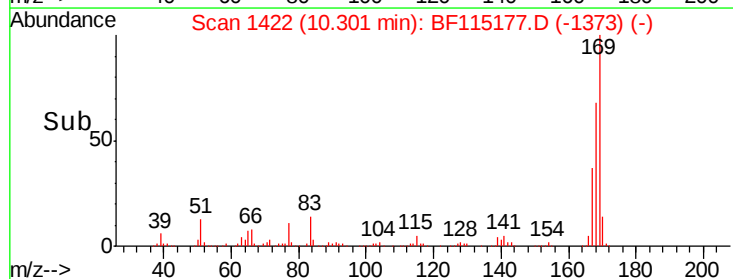
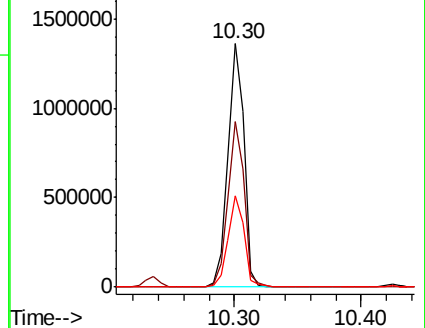
167 37.3 29.4 44.0

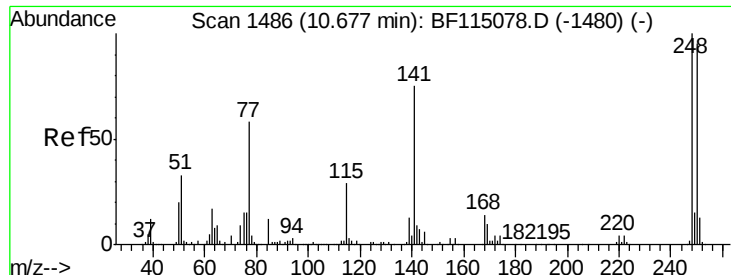


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





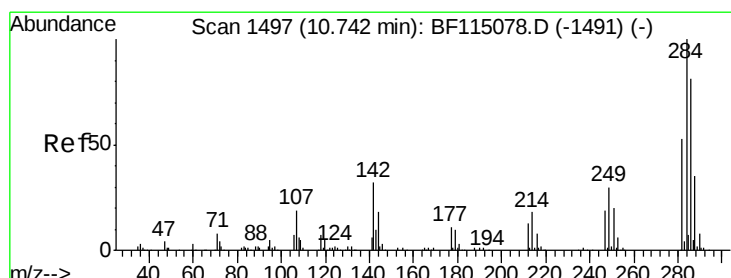
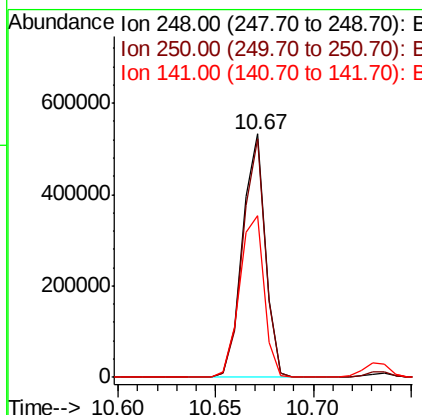
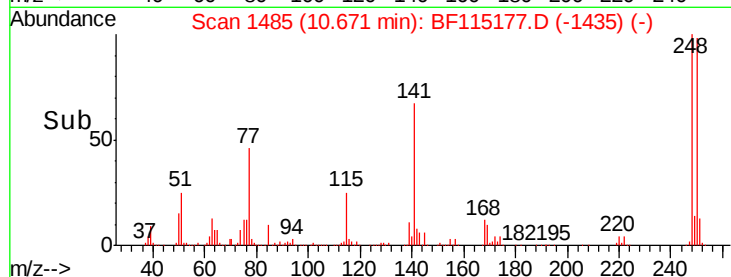
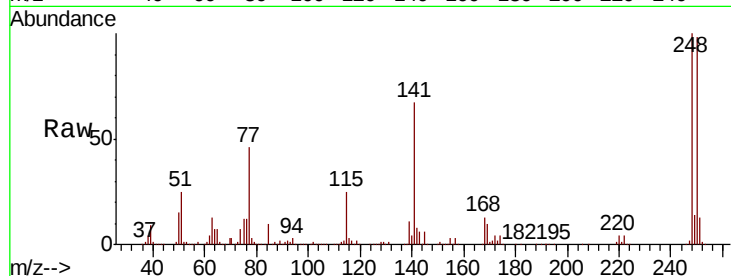
#67
4-Bromophenyl-phenylether
Concen: 42.402 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.2	114.2
141	66.6	59.6	89.4

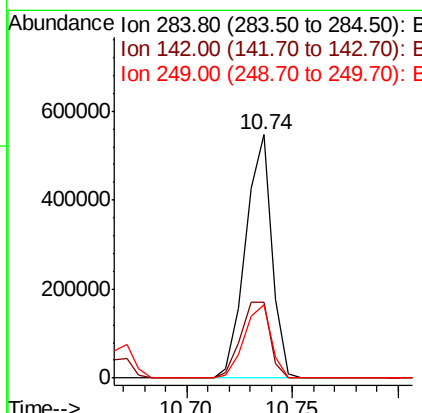
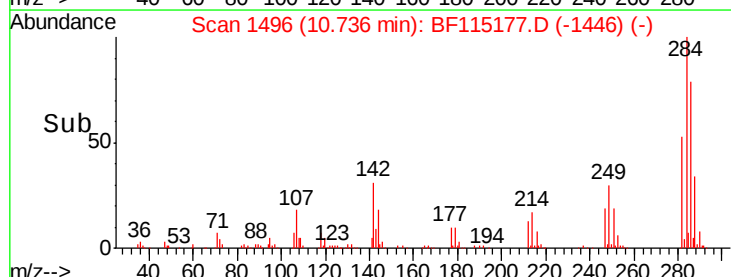
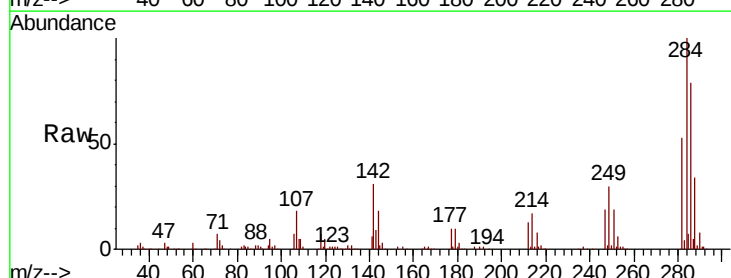
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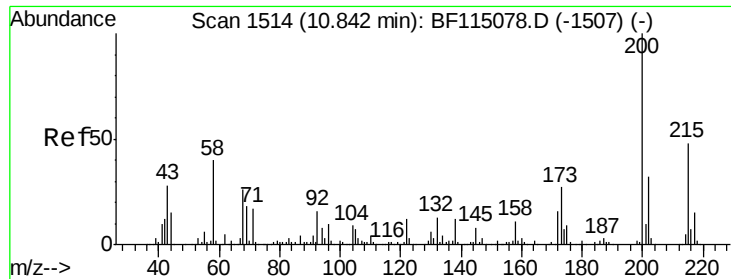
mohammad
6/26/2019 2:03:00 PM



#68
Hexachlorobenzene
Concen: 42.653 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.8	38.8
249	30.0	24.2	36.4





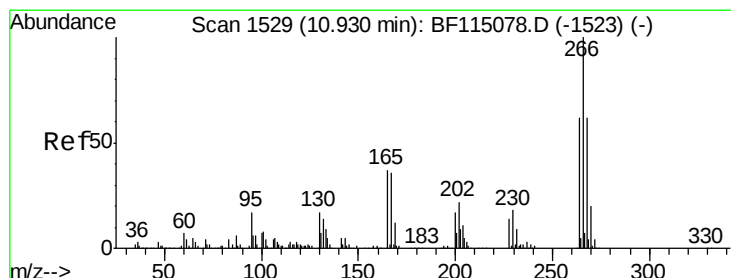
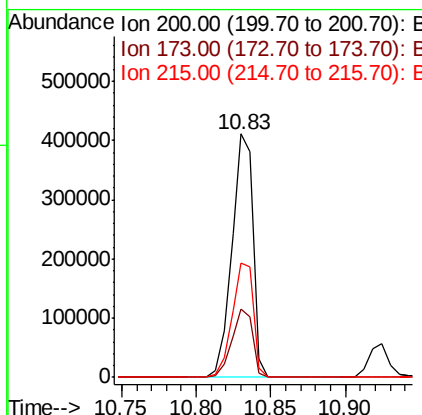
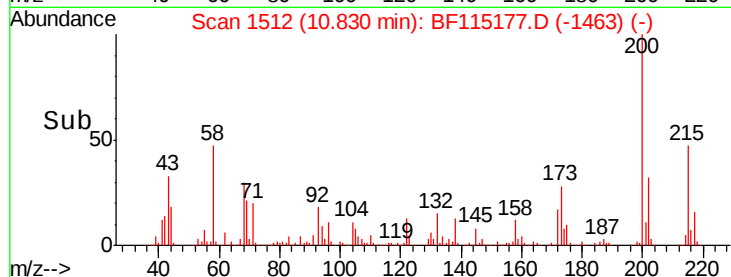
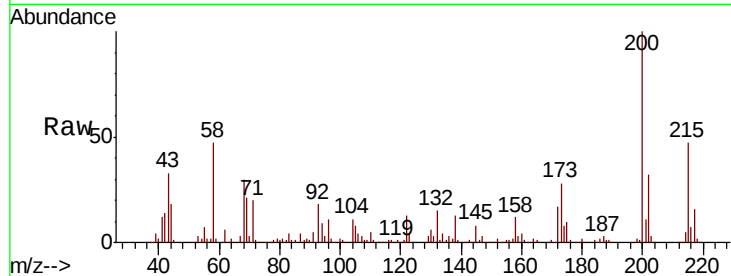
#69
Atrazine
Concen: 43.494 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.4	47.4
215	47.1	27.8	67.8

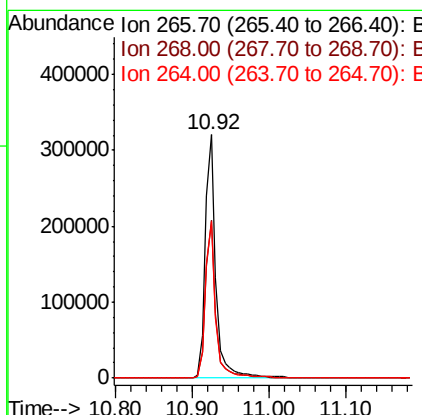
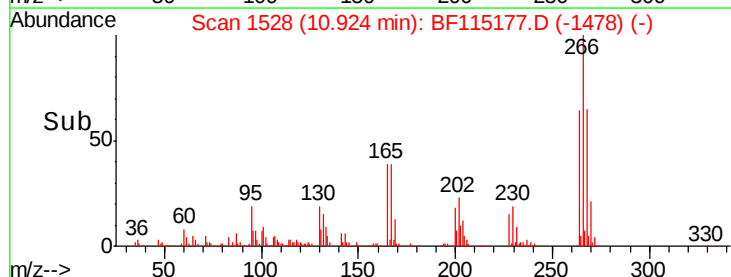
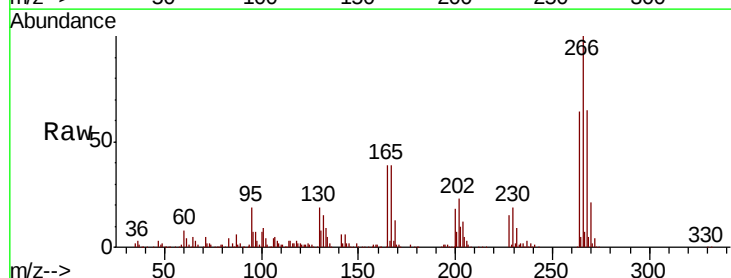
Manual Integrations
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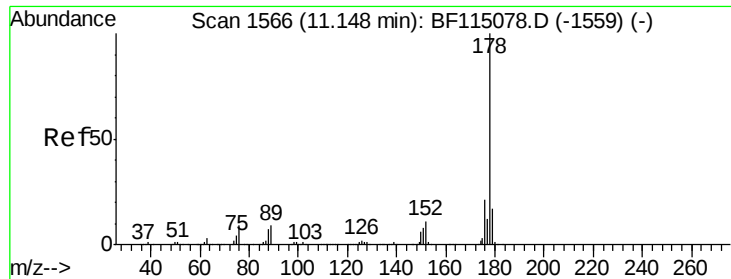
mohammad
6/26/2019 2:03:00 PM



#70
Pentachlorophenol
Concen: 44.001 ng
RT: 10.92 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	49.5	74.3
264	64.3	49.3	73.9





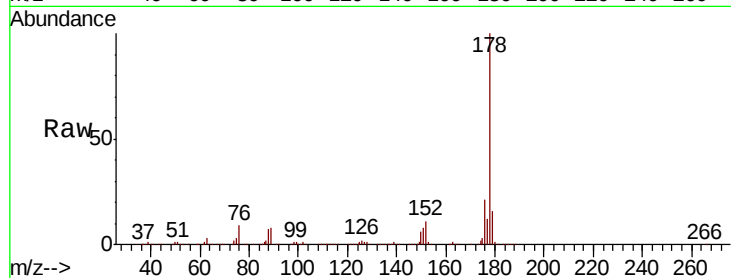
#71
Phenanthrene
Concen: 38.991 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.9	25.3
179	16.4	13.2	19.8

Manual Integrations
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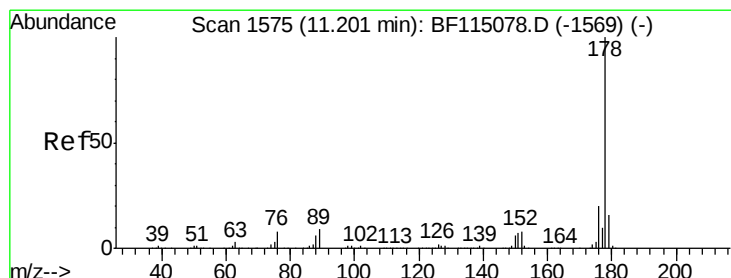
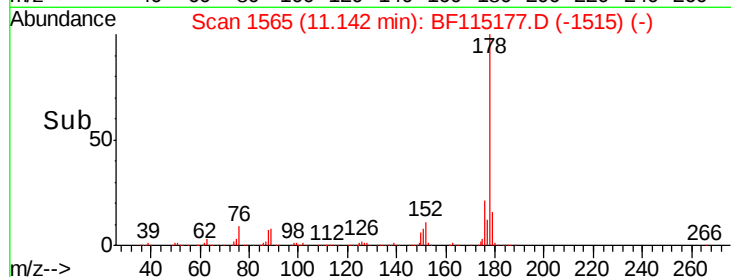
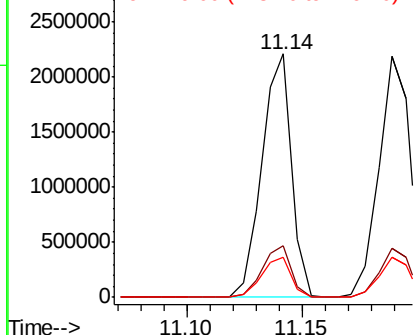


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.483 ng
RT: 11.19 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

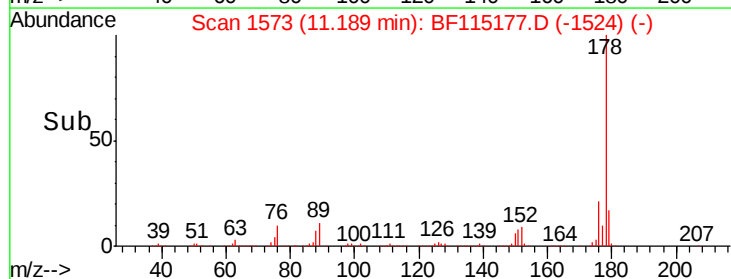
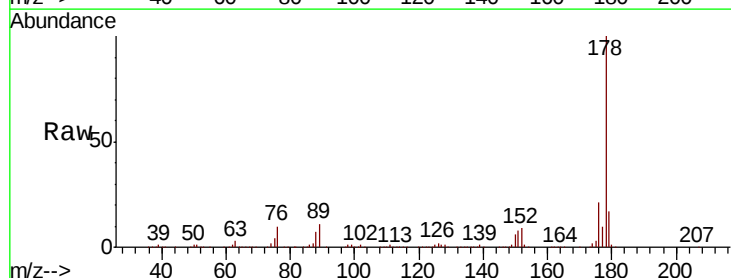
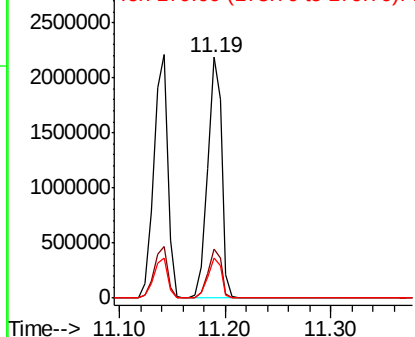
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	16.8	12.9	19.3

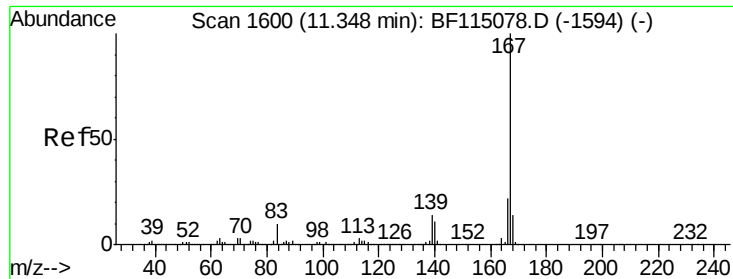
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





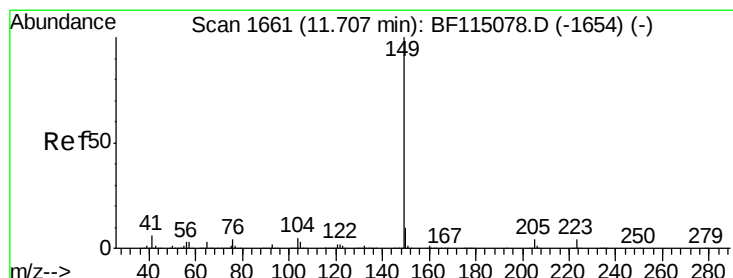
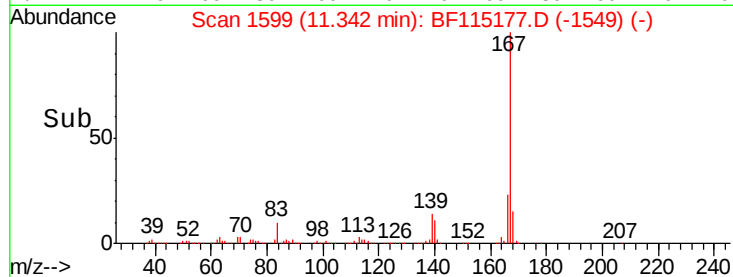
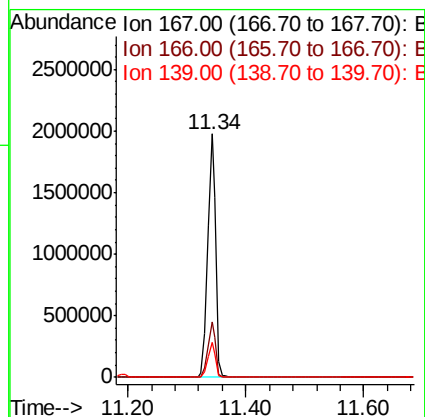
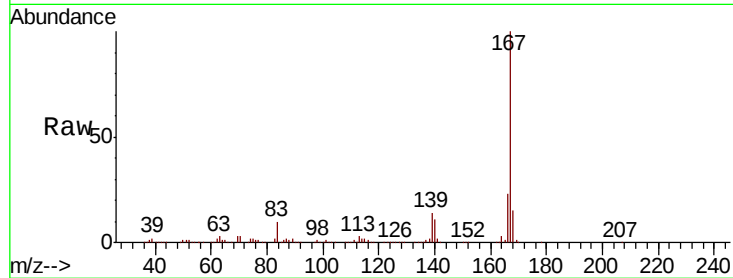
#73
 Carbazole
 Concen: 40.771 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:167 Resp: 1861367
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.0 27.0
 139 14.4 11.1 16.7

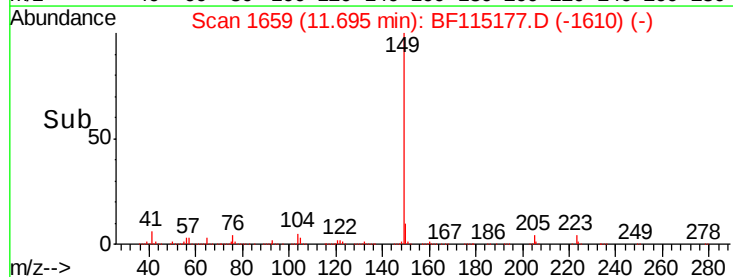
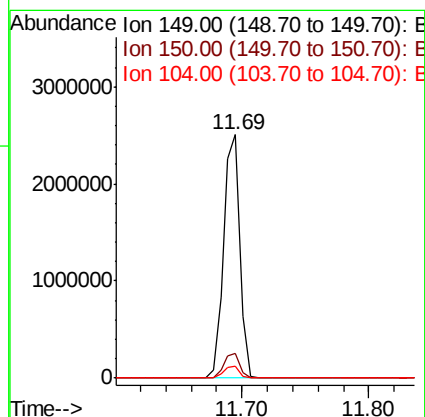
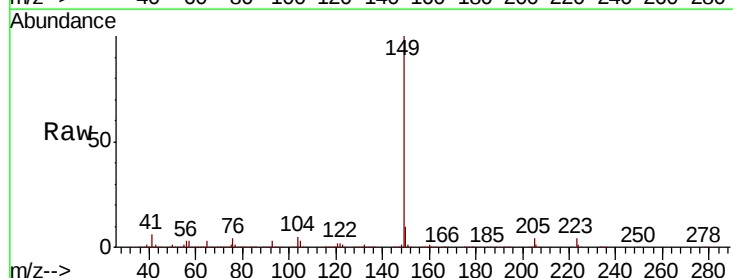
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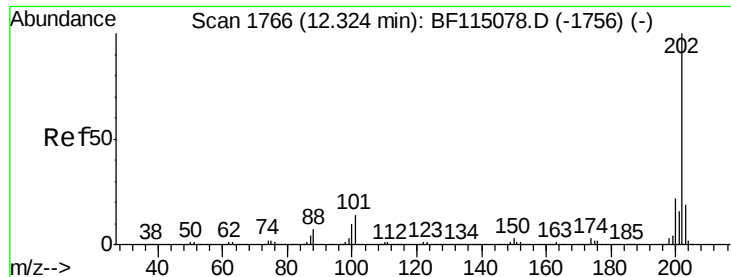
mohammad
 6/26/2019 2:03:00 PM



#74
 Di-n-butylphthalate
 Concen: 42.550 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion:149 Resp: 2244757
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 4.7 3.7 5.5





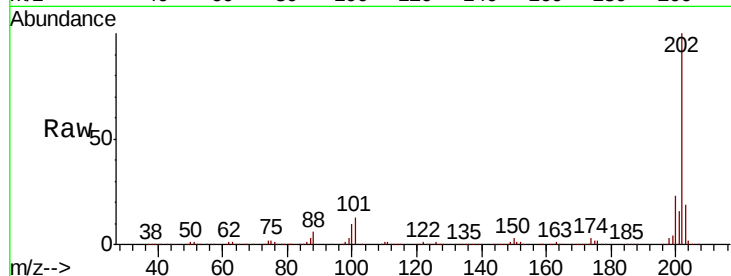
#75
 Fluoranthene
 Concen: 40.353 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2039192		
101	13.4		0.0	34.0
203	19.0		0.0	38.8

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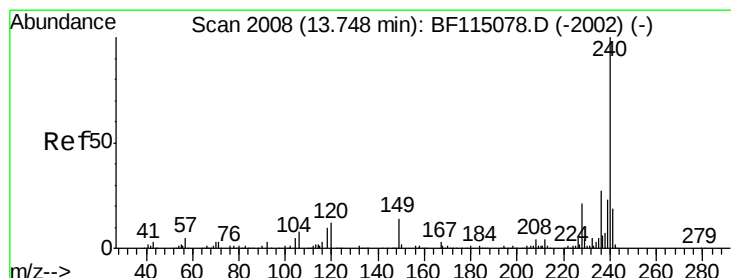
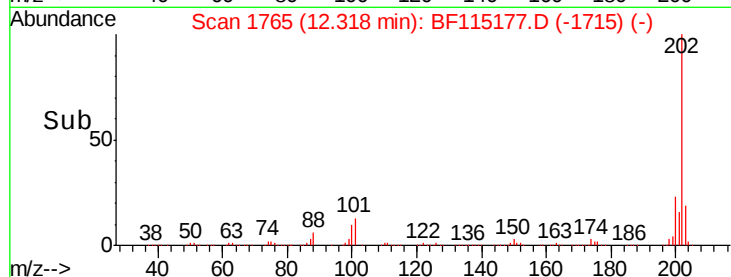
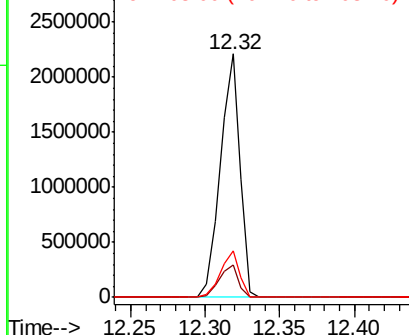


Abundance

Ion 202.00 (201.70 to 202.70): E

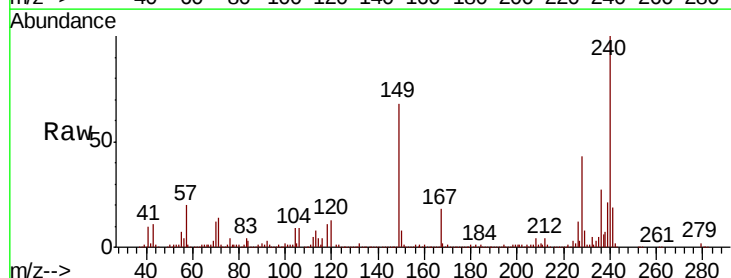
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	662957		
120	12.9		9.4	14.2
236	27.3		21.7	32.5

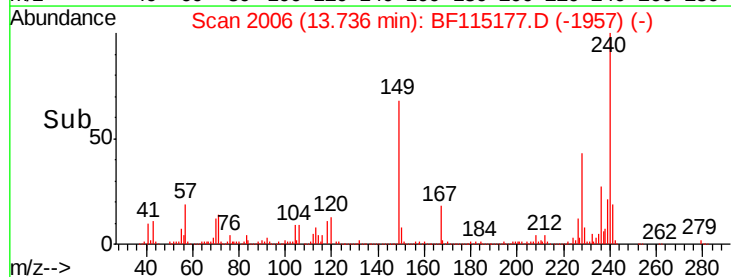
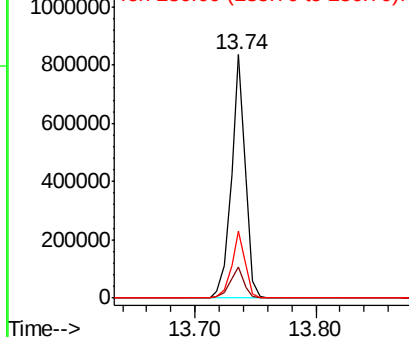


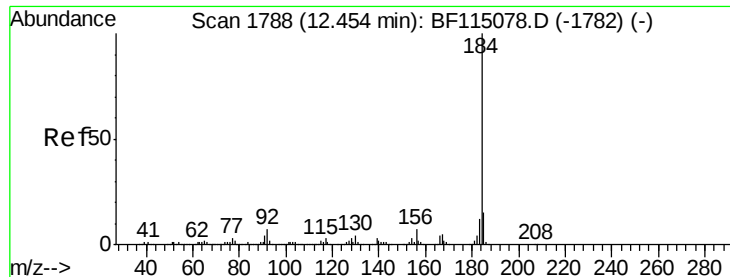
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.287 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1244848

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

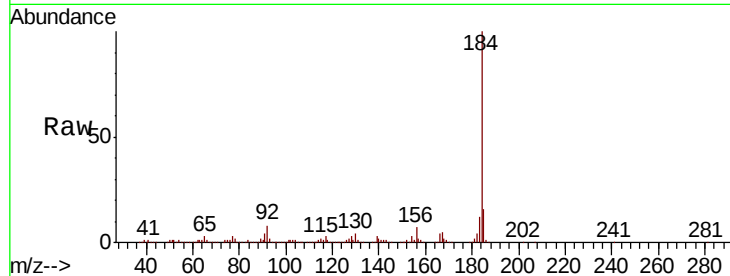
183 11.9 9.6 14.4

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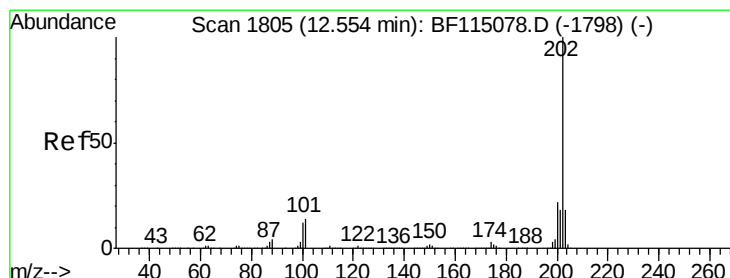
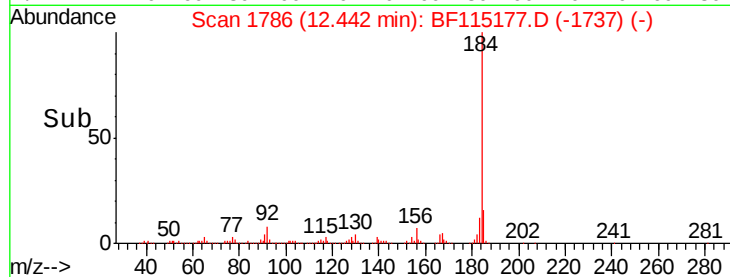
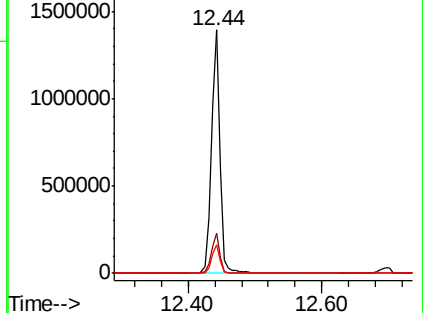
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.680 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

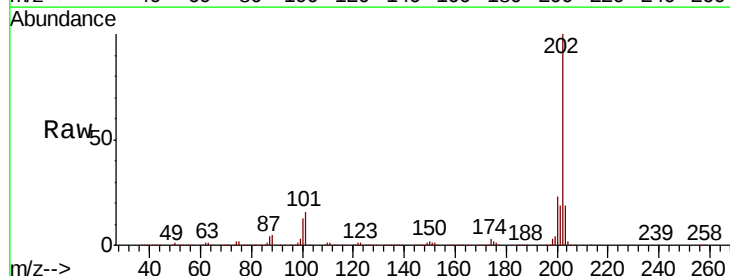
Tgt Ion:202 Resp: 2123531

Ion Ratio Lower Upper

202 100

200 23.1 17.9 26.9

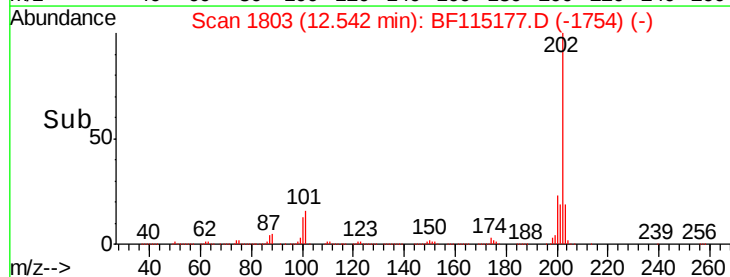
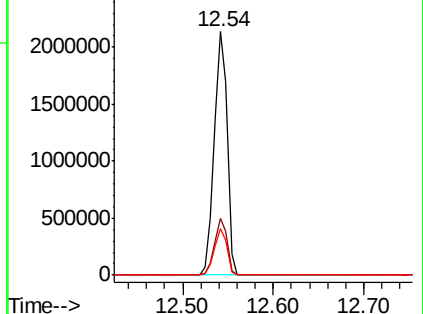
203 18.9 14.6 21.8

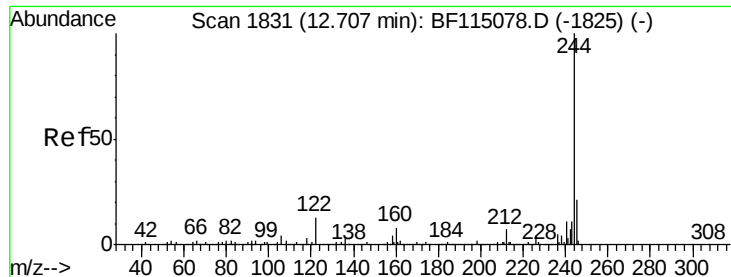


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





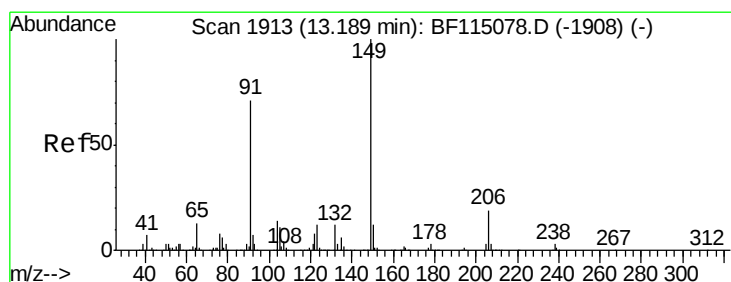
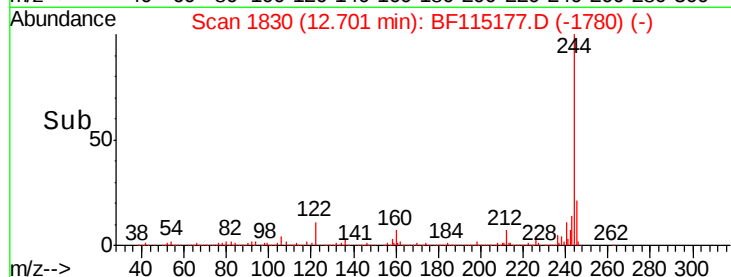
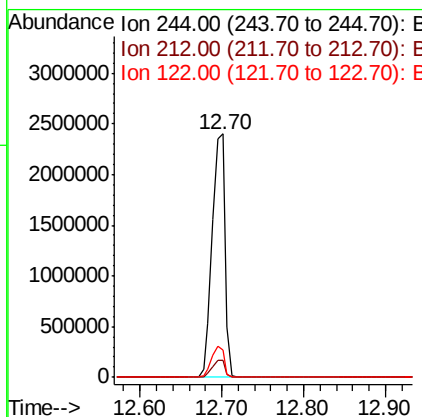
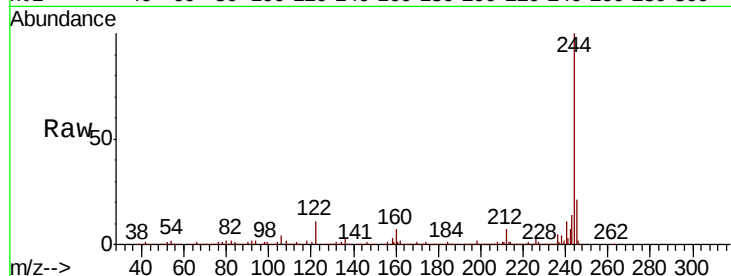
#79
 Terphenyl-d14
 Concen: 84.515 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2635251
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 11.3 10.4 15.6

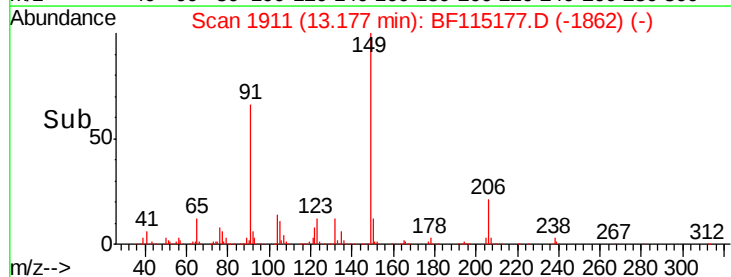
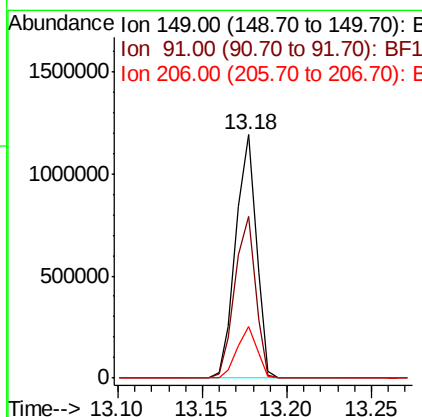
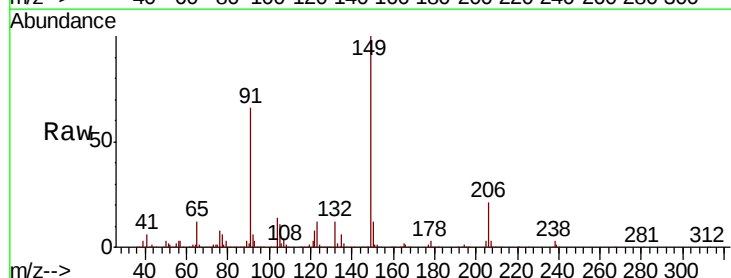
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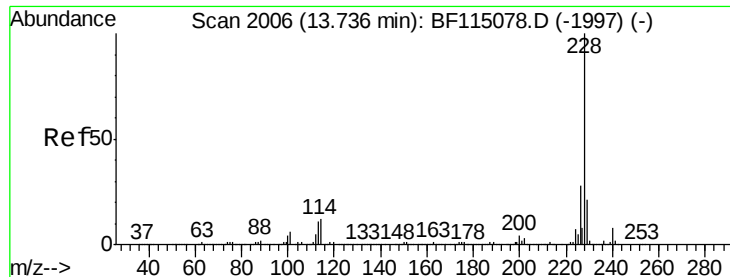
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.029 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115177.D
 Acq: 25 Jun 2019 8:54

Tgt Ion:149 Resp: 1012432
 Ion Ratio Lower Upper
 149 100
 91 66.4 56.5 84.7
 206 21.0 15.3 22.9





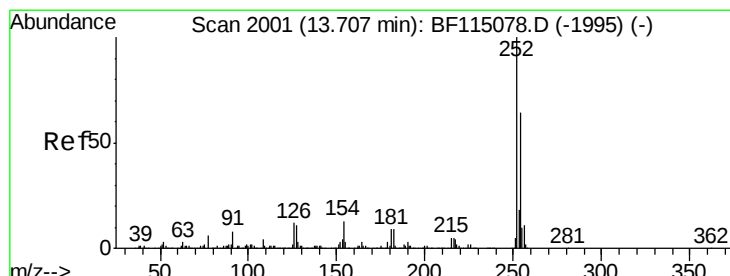
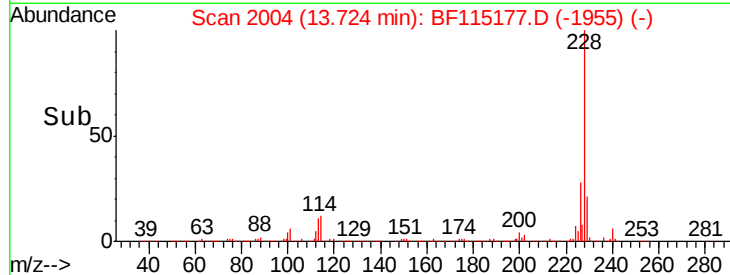
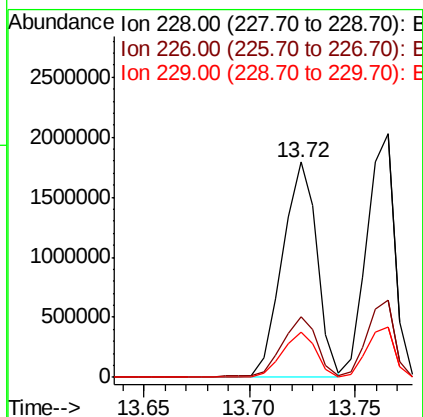
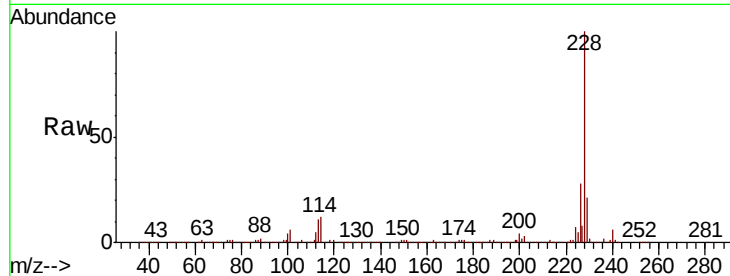
#81
Benzo(a)anthracene
Concen: 42.920 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2041693
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.9 16.6 24.8

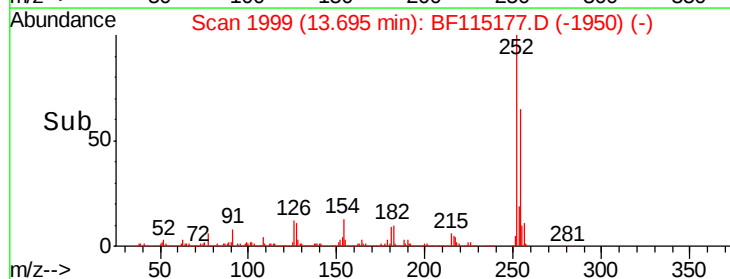
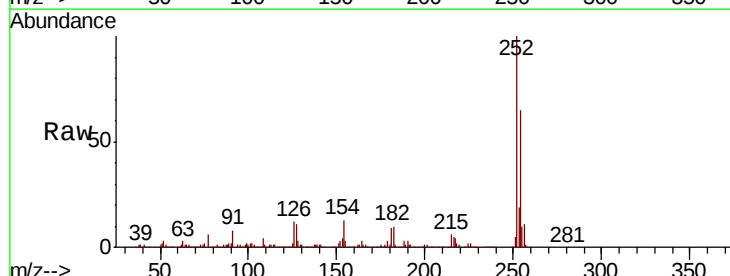
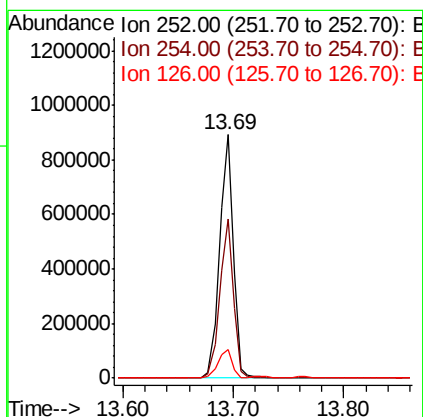
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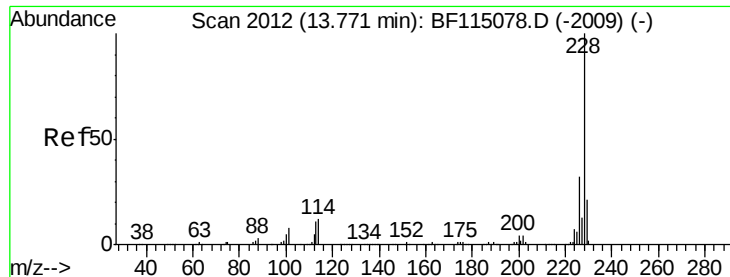
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 44.998 ng
RT: 13.69 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion:252 Resp: 772973
Ion Ratio Lower Upper
252 100
254 65.1 51.1 76.7
126 11.8 9.4 14.0





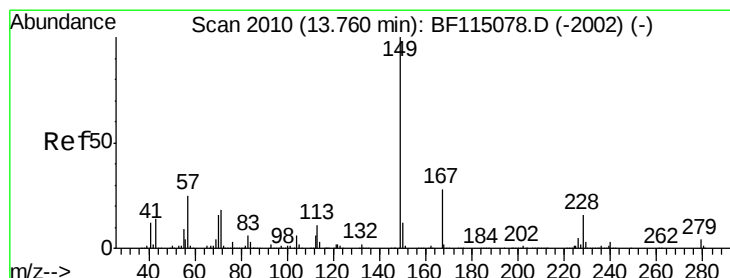
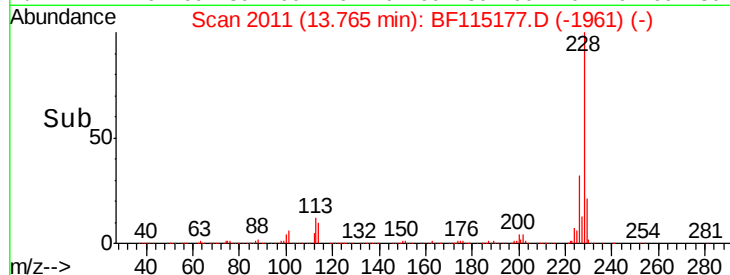
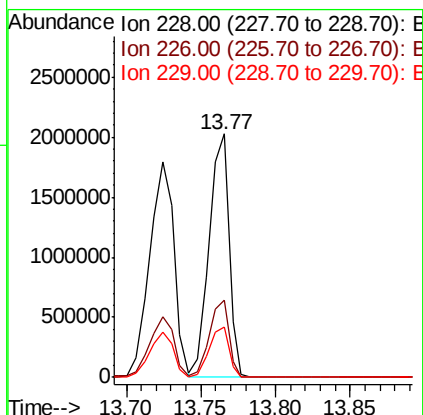
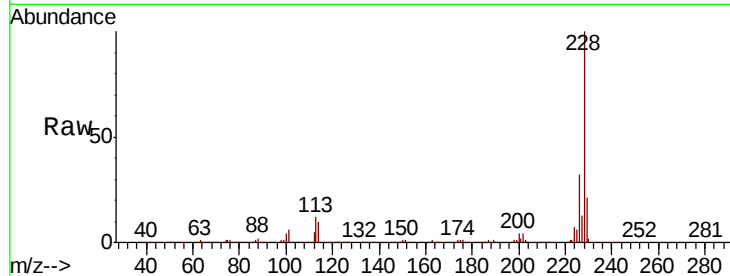
#83
Chrysene
Concen: 43.008 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:228 Resp: 1874038
Ion Ratio Lower Upper
228 100
226 32.0 25.4 38.0
229 20.8 16.5 24.7

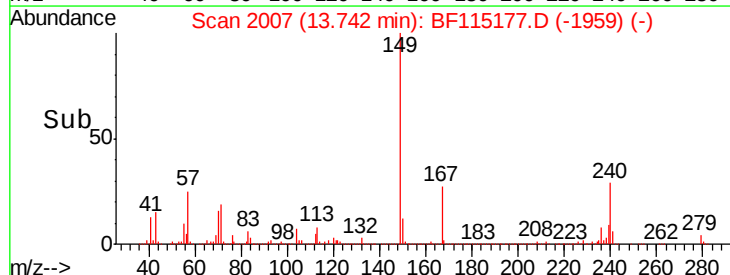
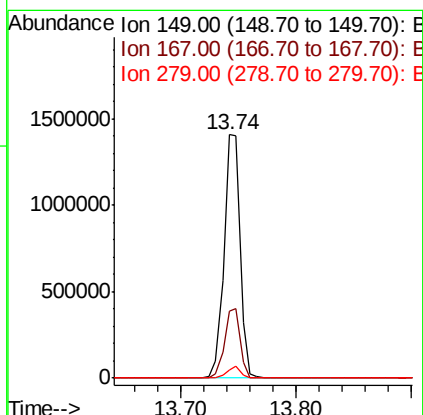
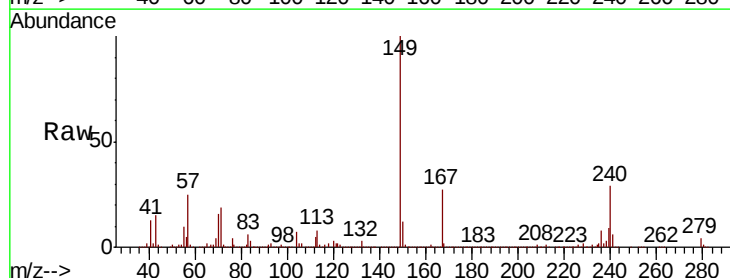
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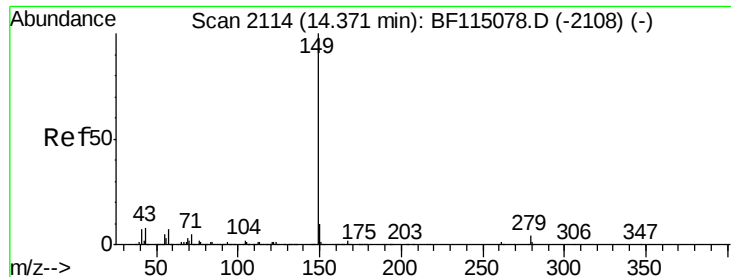
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.154 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion:149 Resp: 1359759
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.4
279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.350 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2294341

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

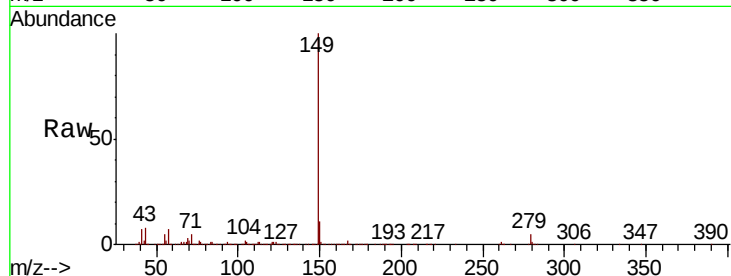
43 8.7 7.0 10.6

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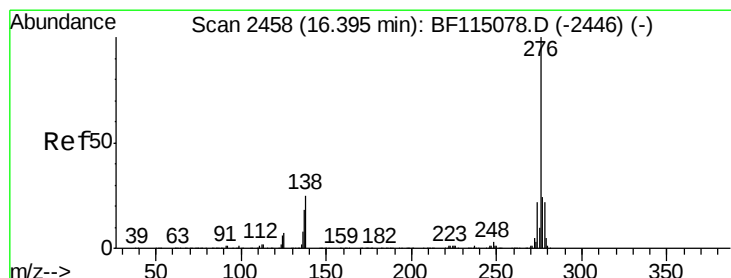
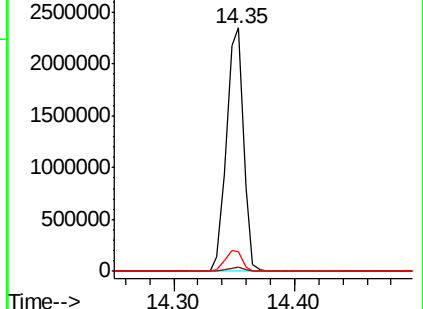
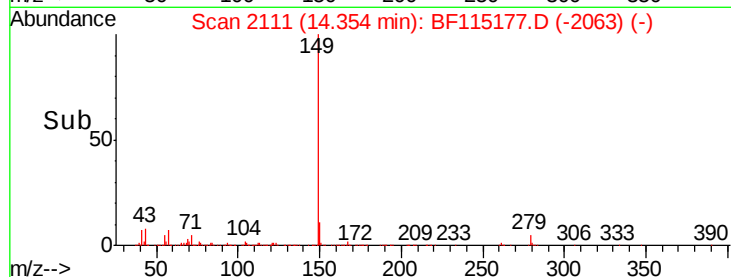
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.275 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

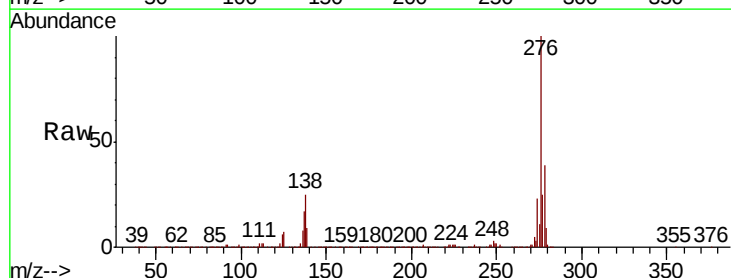
Tgt Ion:276 Resp: 2386001

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

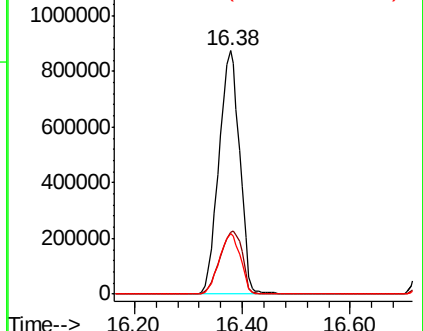
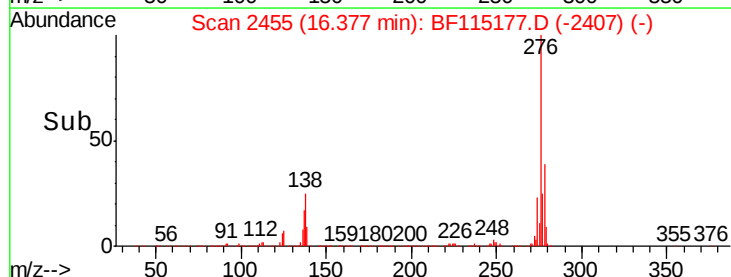
277 25.4 20.1 30.1

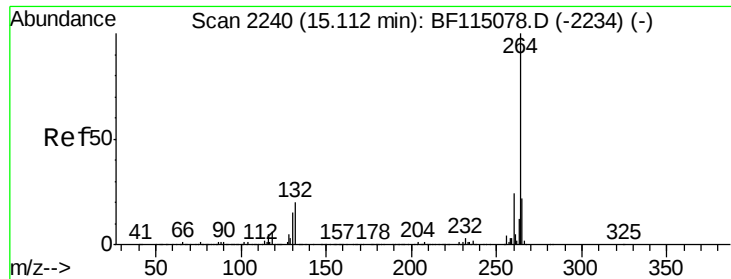


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.09 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Instrument :

BNA_F

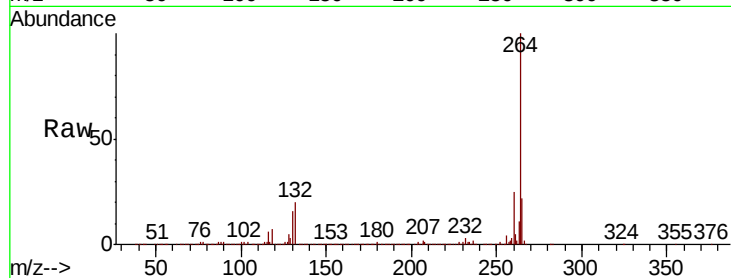
ClientSampleId :

SSTDCCC040

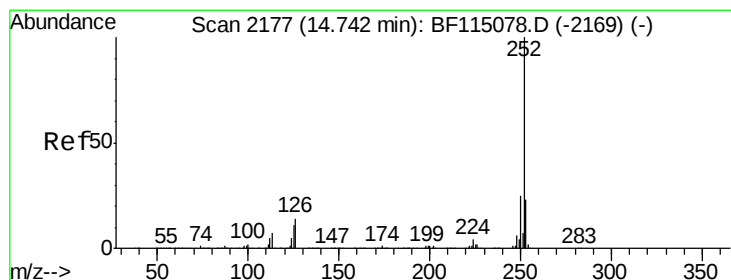
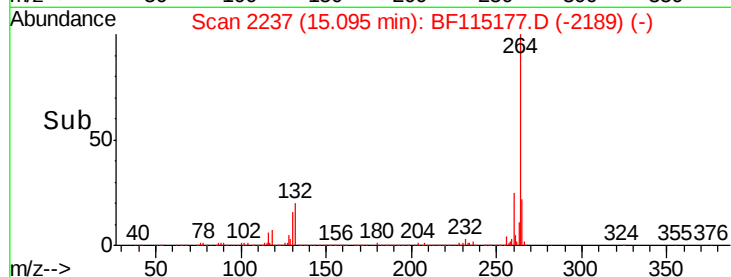
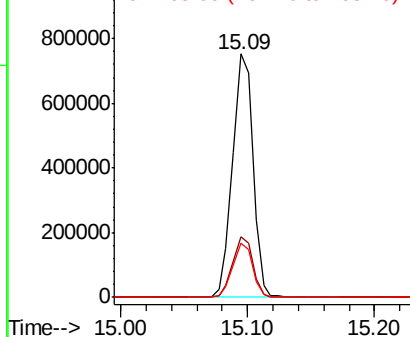
Tot Ion:	264	Resp:	837554
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.6	29.4
265	22.2	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.896 ng

RT: 14.72 min Scan# 2174

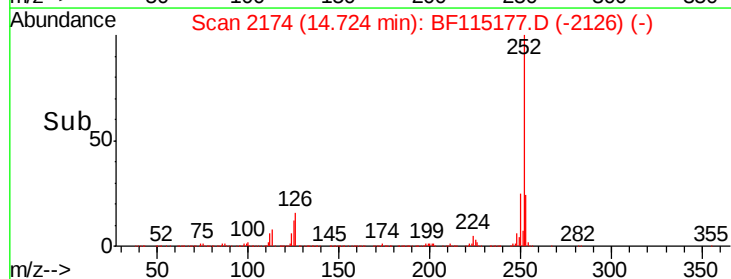
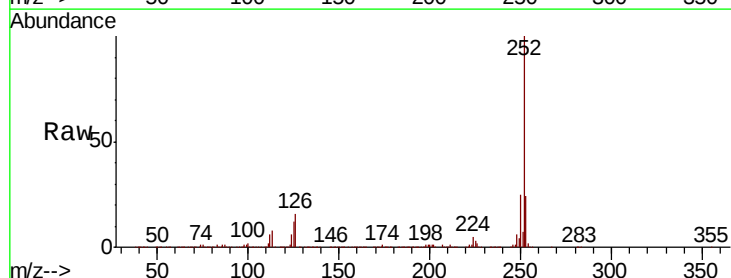
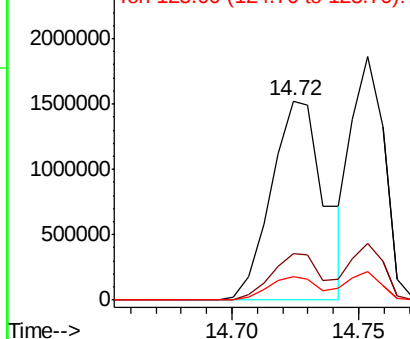
Delta R.T. -0.02 min

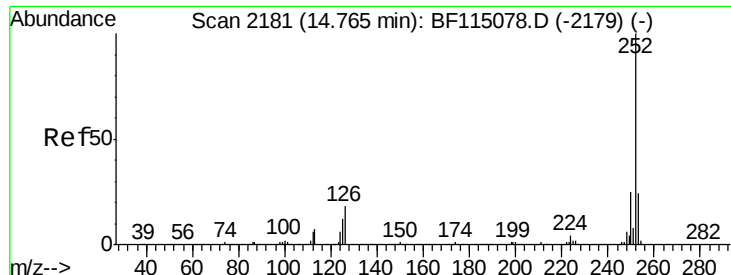
Lab File: BF115177.D

Acq: 25 Jun 2019 8:54

Tgt Ion:	252	Resp:	2241760
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.9	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





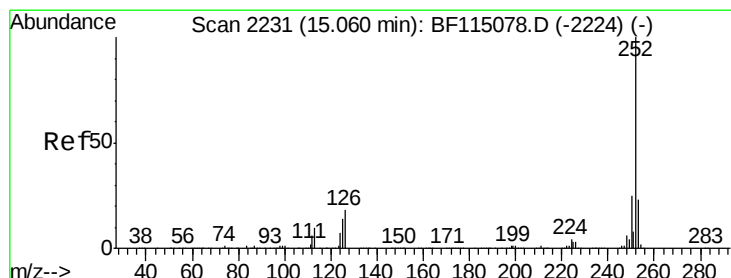
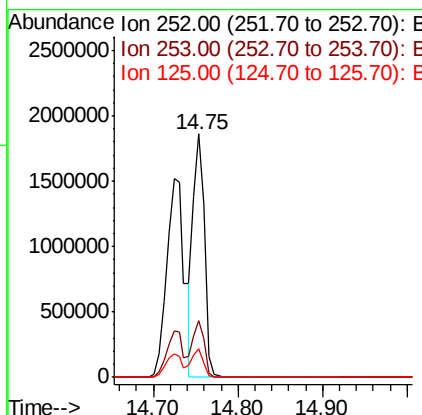
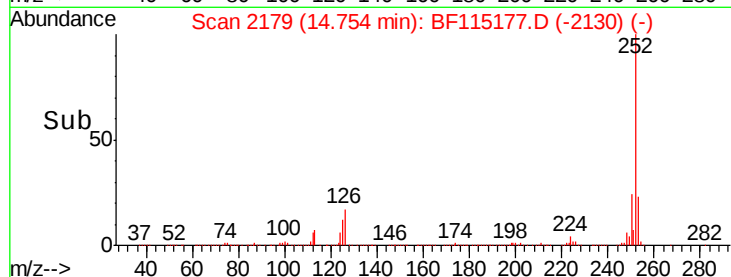
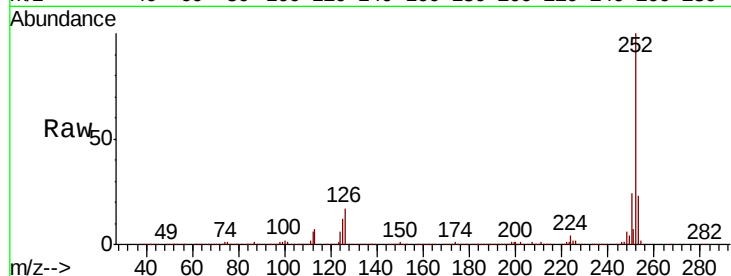
#89
Benzo(k)fluoranthene
Concen: 36.083 ng
RT: 14.75 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	11.6	10.2	15.2

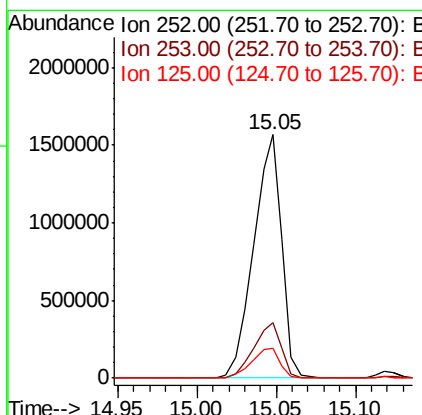
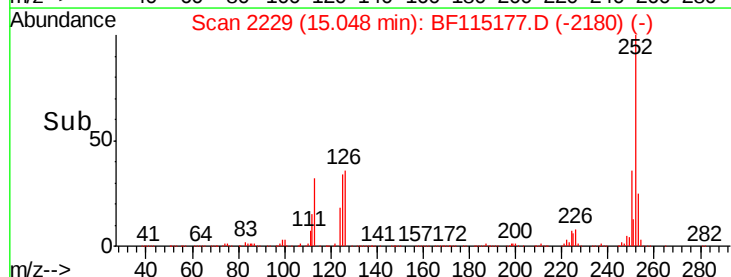
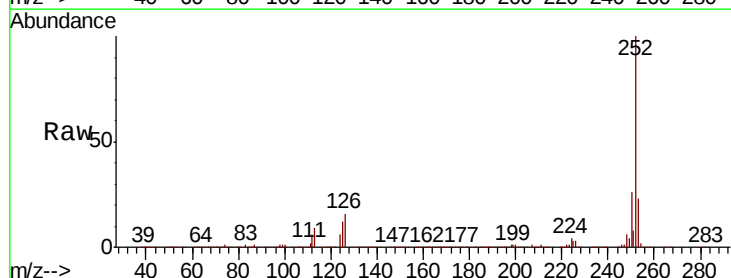
Manual Integrations
APPROVED

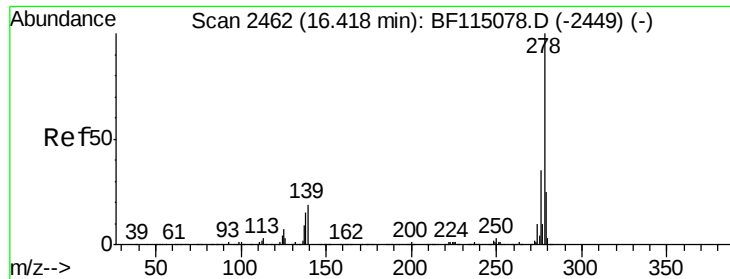
mohammad
6/26/2019 2:03:00 PM



#90
Benzo(a)pyrene
Concen: 40.770 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	12.3	10.9	16.3





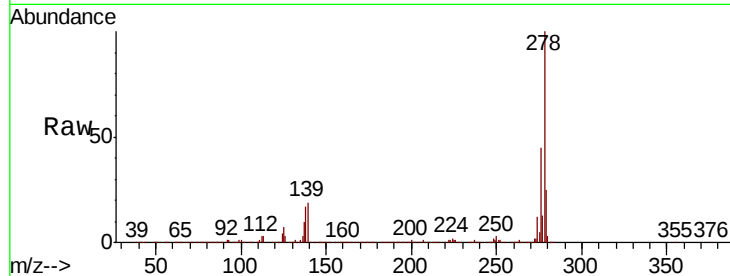
#91
Dibenzo(a,h)anthracene
Concen: 43.551 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

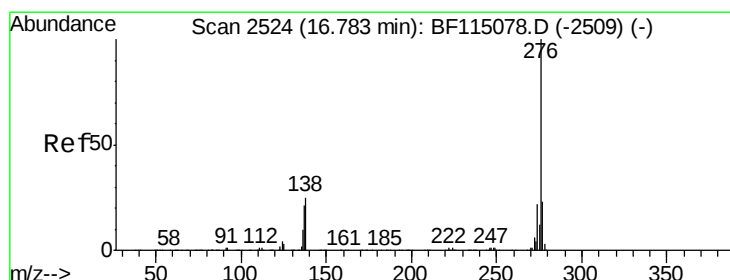
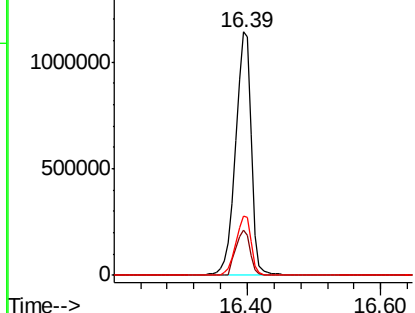
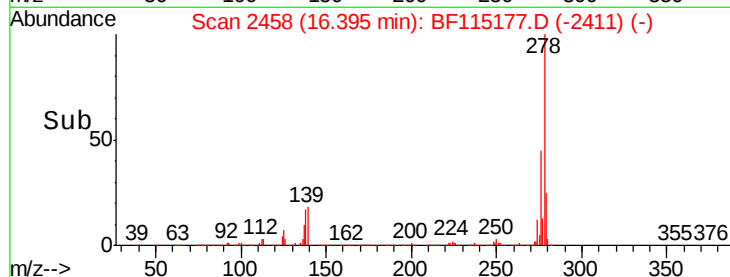
Tot Ion:278 Resp: 1915140
Ion Ratio Lower Upper
278 100
139 18.5 15.4 23.2
279 24.5 19.9 29.9

Manual Integrations
APPROVED

mohammad
6/26/2019 2:03:00 PM

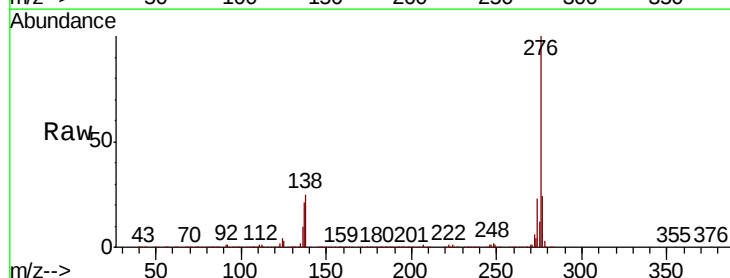


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.568 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115177.D
Acq: 25 Jun 2019 8:54

Tgt Ion:276 Resp: 1939075
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 25.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

