

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115153.D
 Acq On : 24 Jun 2019 18:03
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:25:17 AM

Quant Time: Jun 25 08:07:58 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	255930	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1050577	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	526208	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1029556	20.00	ng	0.00
76) Chrysene-d12	13.74	240	735290	20.00	ng	-0.01
87) Perylene-d12	15.10	264	904547	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1323110	79.78	ng	0.00
7) Phenol-d6	6.25	99	1624199	80.69	ng	0.00
23) Nitrobenzene-d5	7.18	82	1455286	85.21	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	478420	86.22	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2552460	82.39	ng	0.00
79) Terphenyl-d14	12.70	244	2664063	77.03	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.19	88	316334	40.415 ng	99
3) Pyridine	2.84	79	861097	39.033 ng	99
4) n-Nitrosodimethylamine	2.79	42	332806	38.482 ng	98
6) Aniline	6.28	93	1141512	41.261 ng	100
8) 2-Chlorophenol	6.40	128	745390	39.970 ng	98
9) Benzaldehyde	6.15	77	443430	33.765 ng	99
10) Phenol	6.27	94	913455	38.740 ng	95
11) bis(2-Chloroethyl)ether	6.35	93	698252	40.173 ng	98
12) 1,3-Dichlorobenzene	6.55	146	854459	41.285 ng	98
13) 1,4-Dichlorobenzene	6.63	146	862412	41.554 ng	99
14) 1,2-Dichlorobenzene	6.79	146	795476	41.389 ng	98
15) Benzyl Alcohol	6.76	79	591431	40.349 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1021494	40.520 ng	100
17) 2-Methylphenol	6.88	107	611380	39.718 ng	98
18) Hexachloroethane	7.13	117	306868	41.013 ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	496087	38.494 ng	98
20) 3+4-Methylphenols	7.03	107	705566	39.696 ng	90
22) Acetophenone	7.03	105	977547	40.644 ng	# 99
24) Nitrobenzene	7.20	77	770082	40.930 ng	98
25) Isophorone	7.44	82	1363221	38.965 ng	100
26) 2-Nitrophenol	7.51	139	404639	43.549 ng	99
27) 2,4-Dimethylphenol	7.56	122	603756	39.687 ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	896091	40.524 ng	99
29) 2,4-Dichlorophenol	7.75	162	635111	40.454 ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	729100	42.043 ng	99
31) Naphthalene	7.92	128	2078197	40.298 ng	99
32) Benzoic acid	7.68	122	457694	42.148 ng	99
33) 4-Chloroaniline	7.97	127	976963	41.452 ng	99
34) Hexachlorobutadiene	8.05	225	406554	42.780 ng	99
35) Caprolactam	8.35	113	218412	41.379 ng	89
36) 4-Chloro-3-methylphenol	8.45	107	639027	40.192 ng	95
37) 2-Methylnaphthalene	8.61	142	1418077	40.783 ng	100
38) 1-Methylnaphthalene	8.71	142	1337049	40.262 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	623889	41.957 ng	100

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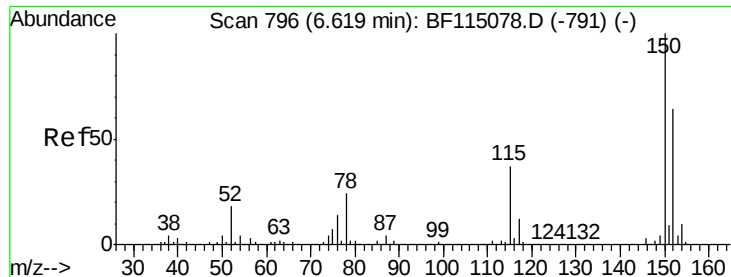
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	361569	41.007	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	478114	41.648	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	493169	41.716	nq	97
46) 1,1'-Biphenyl	9.07	154	1681888	39.946	nq	99
47) 2-Chloronaphthalene	9.10	162	1404052	41.111	nq	100
48) 2-Nitroaniline	9.18	65	431601	43.346	nq	99
49) Acenaphthylene	9.51	152	2096169	39.393	nq	100
50) Dimethylphthalate	9.38	163	1585277	40.948	nq	100
51) 2,6-Dinitrotoluene	9.43	165	370972	41.505	nq	97
52) Acenaphthene	9.68	154	1353820	40.659	nq	99
53) 3-Nitroaniline	9.60	138	448798	41.147	nq	99
54) 2,4-Dinitrophenol	9.70	184	190810	45.023	nq	90
55) Dibenzofuran	9.85	168	1842301	38.550	nq	100
56) 4-Nitrophenol	9.75	139	356314	40.748	nq	90
57) 2,4-Dinitrotoluene	9.83	165	496829	43.050	nq	99
58) Fluorene	10.19	166	1305886	40.363	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	407799	41.137	nq	99
60) Diethylphthalate	10.08	149	1594053	40.962	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	647039	42.398	nq	97
62) 4-Nitroaniline	10.20	138	466952	42.675	nq	98
63) Azobenzene	10.34	77	1442144	39.675	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	236735	43.709	nq	94
66) n-Nitrosodiphenylamine	10.30	169	1294189	40.348	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	467556	41.886	nq	93
68) Hexachlorobenzene	10.74	284	515353	42.534	nq	97
69) Atrazine	10.83	200	401715	38.933	nq	99
70) Pentachlorophenol	10.92	266	329976	42.749	nq	98
71) Phenanthrene	11.14	178	2133126	38.481	nq	100
72) Anthracene	11.19	178	2187662	39.096	nq	98
73) Carbazole	11.34	167	2001356	40.054	nq	99
74) Di-n-butylphthalate	11.70	149	2387699	41.353	nq	99
75) Fluoranthene	12.32	202	2233334	40.380	nq	98
77) Benzidine	12.44	184	1168736	35.796	nq	99
78) Pyrene	12.54	202	2286768	40.468	nq	98
80) Butylbenzylphthalate	13.18	149	1087900	43.625	nq	97
81) Benzo(a)anthracene	13.72	228	2170949	41.148	nq	99
82) 3,3'-Dichlorobenzidine	13.69	252	861895	45.238	nq	99
83) Chrysene	13.77	228	2015386	41.702	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1436367	43.958	nq	# 98
85) Di-n-octyl phthalate	14.35	149	2448344	44.596	nq	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2502401	43.758	nq	99
88) Benzo(b)fluoranthene	14.73	252	2308018	40.893	nq	99
89) Benzo(k)fluoranthene	14.76	252	1931038m	38.151	nq	
90) Benzo(a)pyrene	15.05	252	2059141	40.478	nq	99
91) Dibenzo(a,h)anthracene	16.40	278	2007853	42.278	nq	98
92) Benzo(g,h,i)perylene	16.76	276	2005735	41.728	nq	99

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



#1

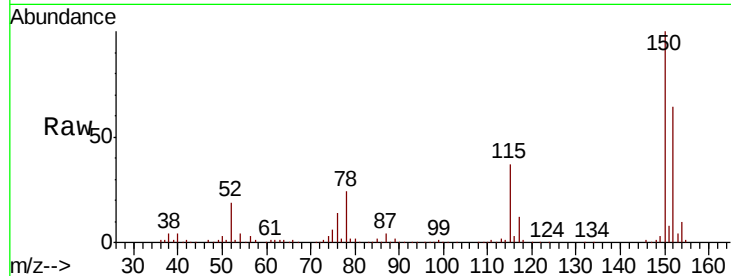
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	58.9	46.1	69.1

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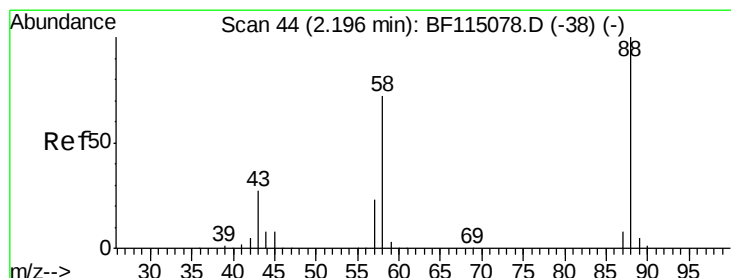
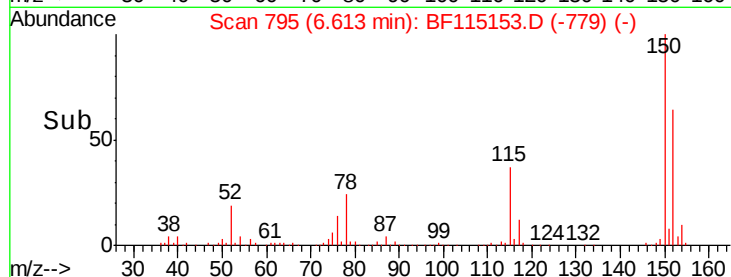
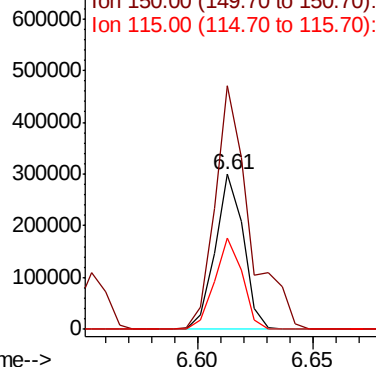


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

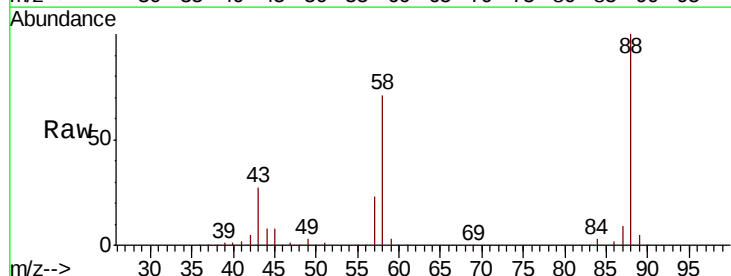
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.415 ng
RT: 2.19 min Scan# 43
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	56.1	84.1
43	26.0	21.3	31.9

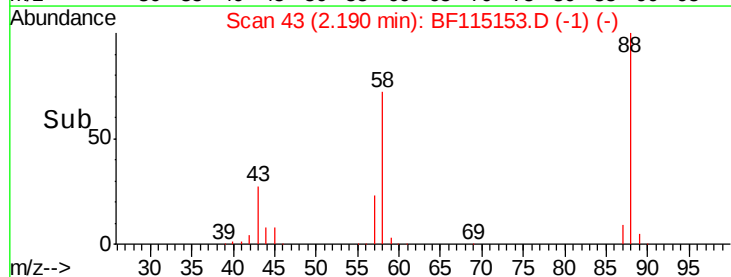
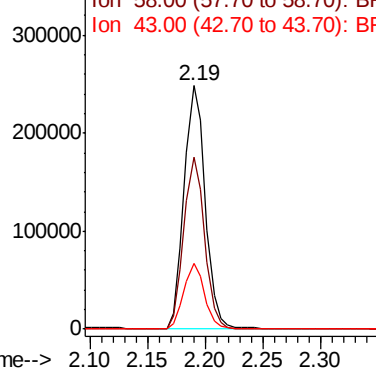


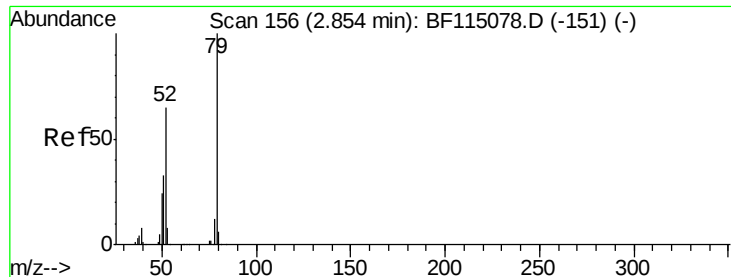
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.033 ng

RT: 2.84 min Scan# 154

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

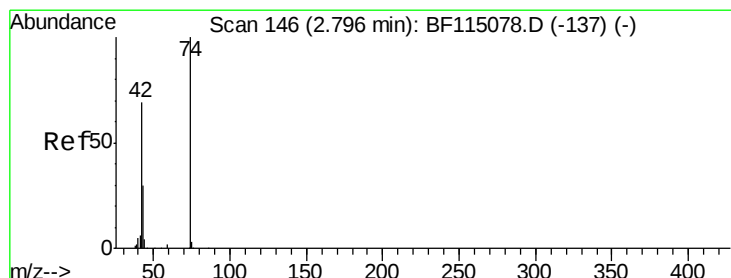
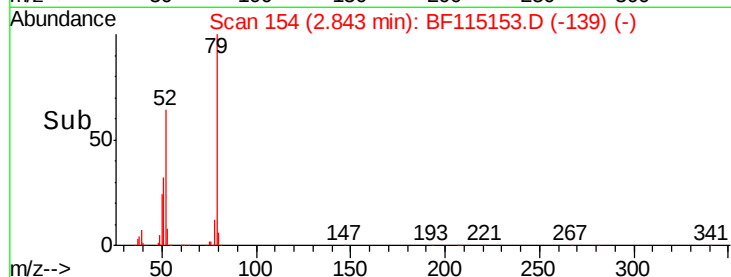
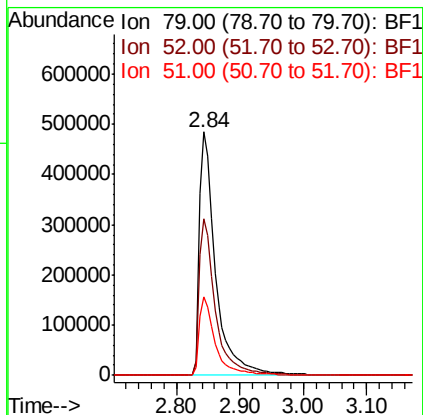
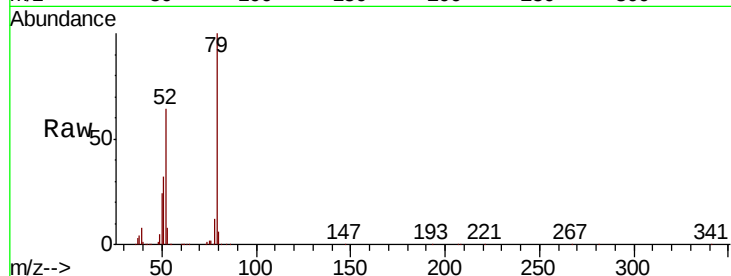
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	861097
Ion	Ratio	Lower	Upper
79	100		
52	64.2	52.3	78.5
51	32.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 38.482 ng

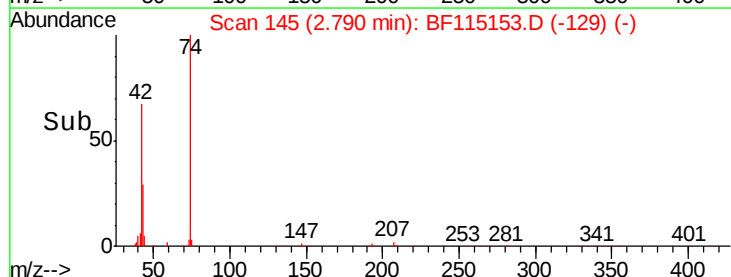
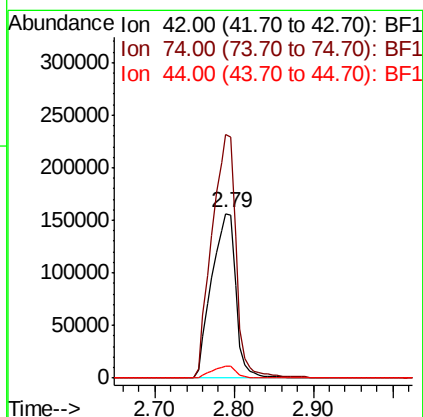
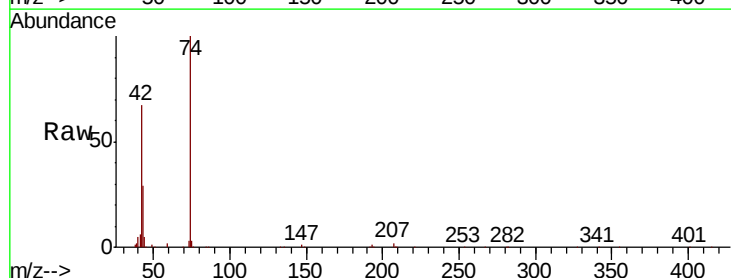
RT: 2.79 min Scan# 145

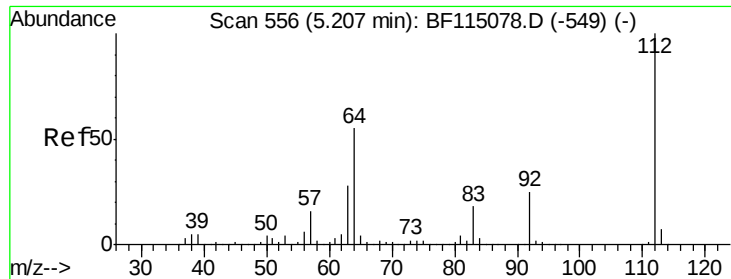
Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:	42	Resp:	332806
Ion	Ratio	Lower	Upper
42	100		
74	148.2	116.6	175.0
44	7.3	5.3	7.9





#5

2-Fluorophenol

Concen: 79.779 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

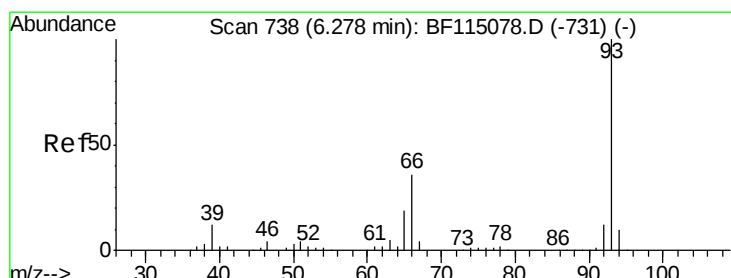
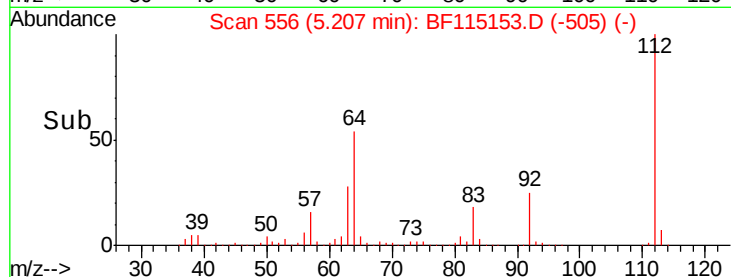
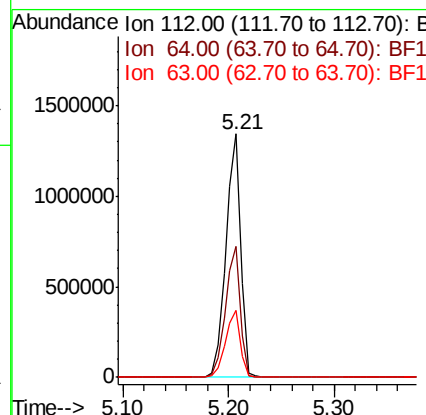
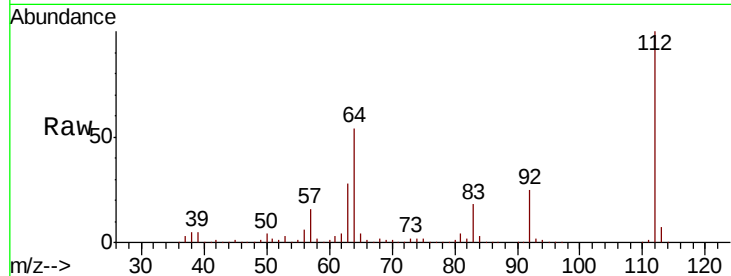
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1323110
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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#6

Aniline

Concen: 41.261 ng

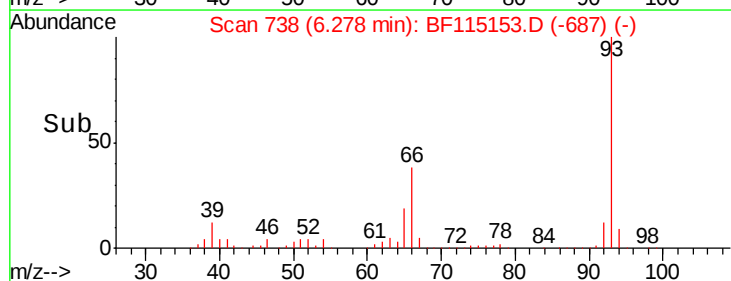
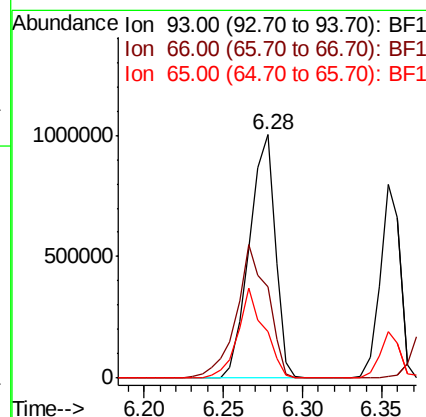
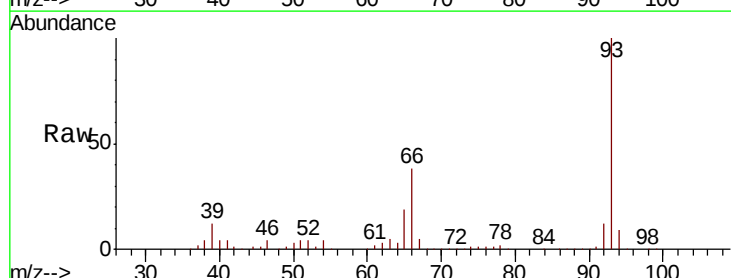
RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:	93	Resp:	1141512
Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.0	45.0
65	19.1	15.6	23.4





#7

Phenol-d6

Concen: 80.686 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1624199

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

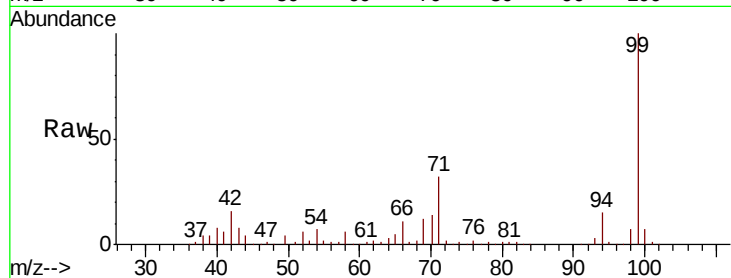
71 31.7 25.5 38.3

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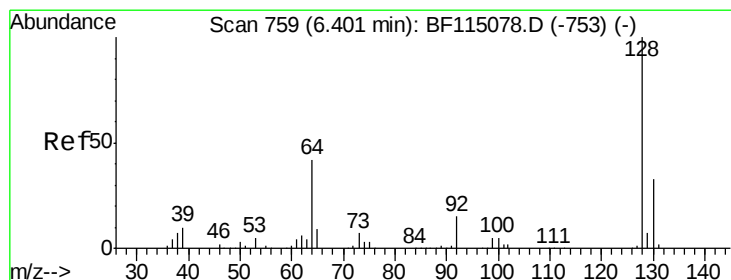
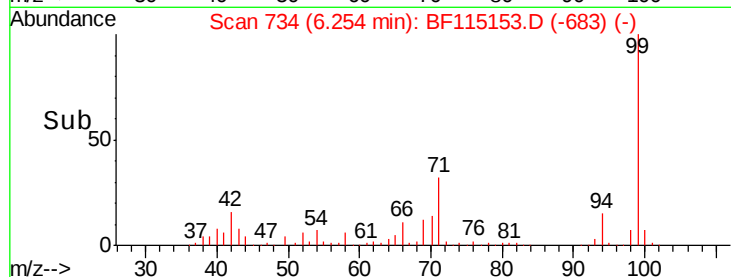
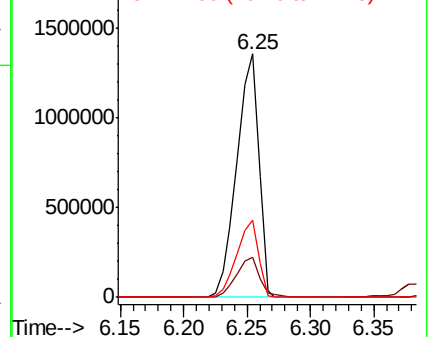
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.970 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

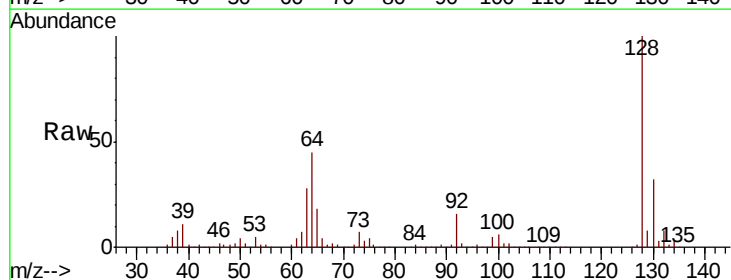
Tgt Ion: 128 Resp: 745390

Ion Ratio Lower Upper

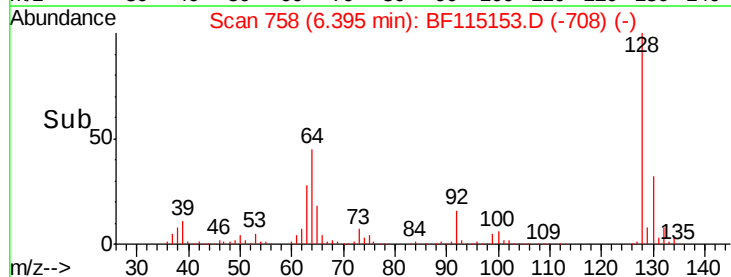
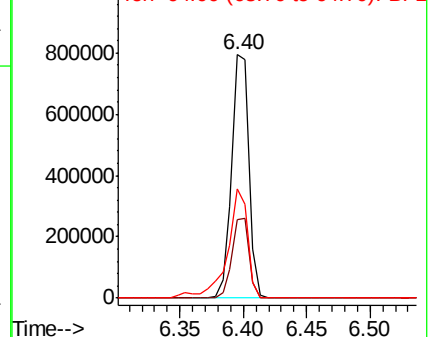
128 100

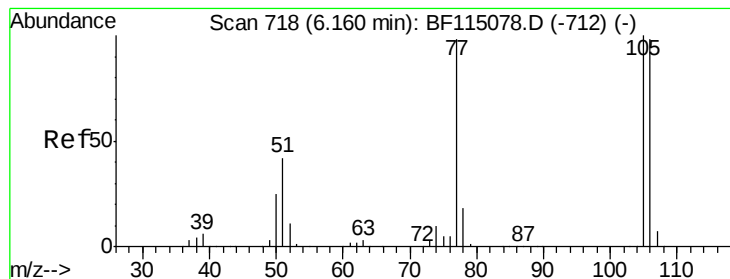
130 32.2 12.9 52.9

64 44.8 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: 33.765 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

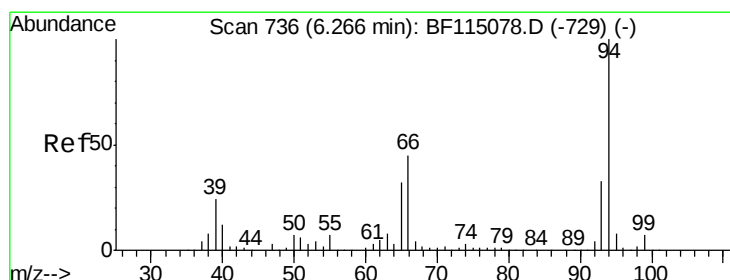
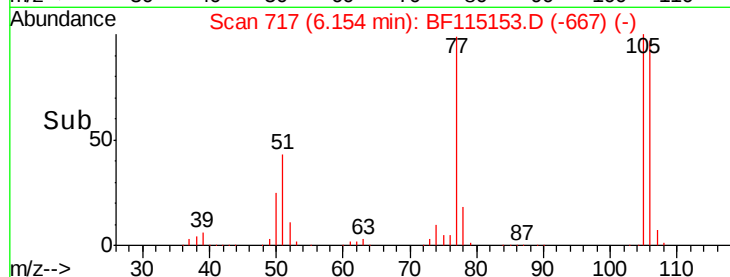
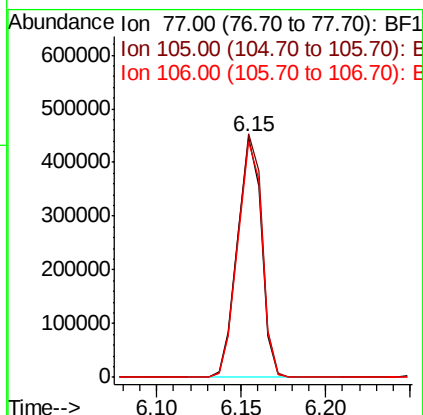
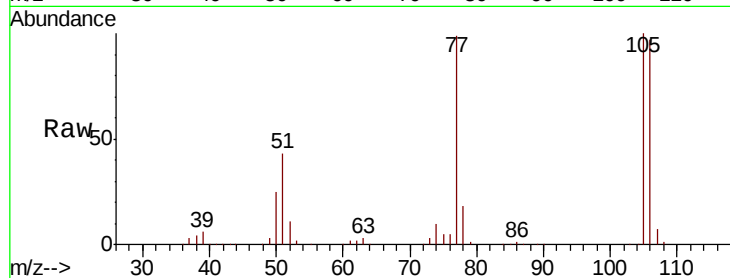
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	443430
Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.5	121.5
106	98.2	79.7	119.7

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#10

Phenol

Concen: 38.740 ng

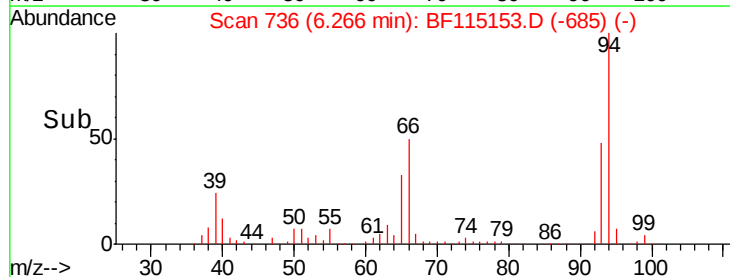
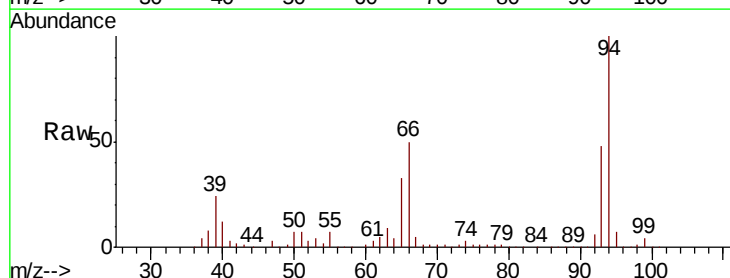
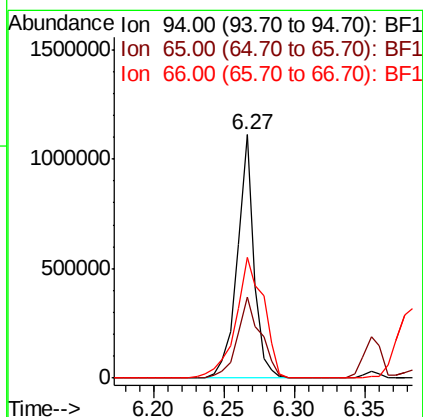
RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:	94	Resp:	913455
Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.9	51.9
66	49.5	25.2	65.2





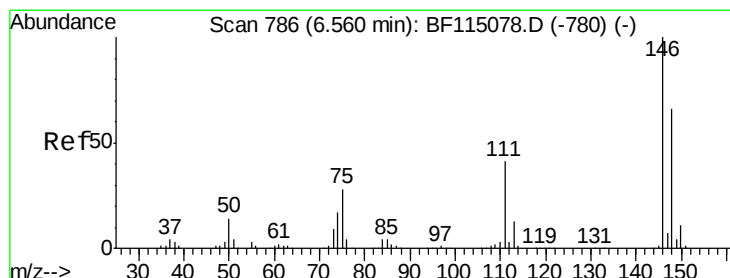
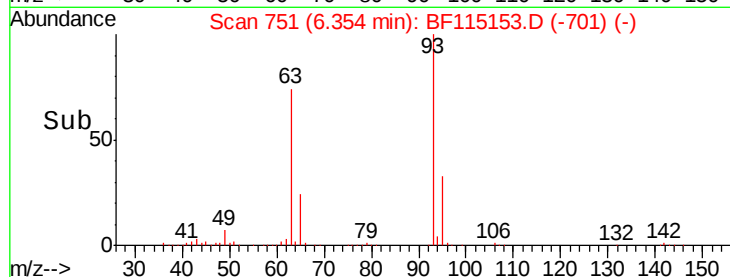
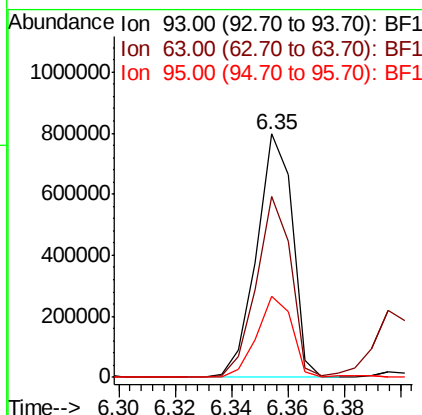
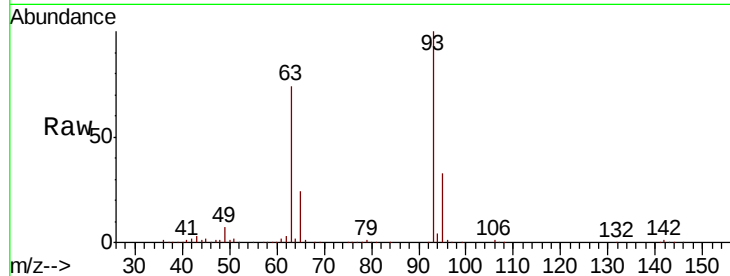
#11
bis(2-Chloroethyl)ether
Concen: 40.173 ng
RT: 6.35 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	698252		
63	74.3	51.5	91.5	
95	33.3	13.4	53.4	

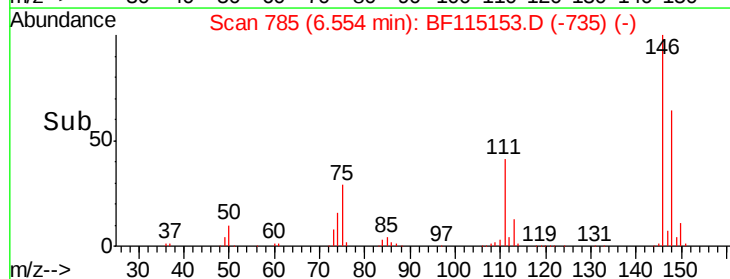
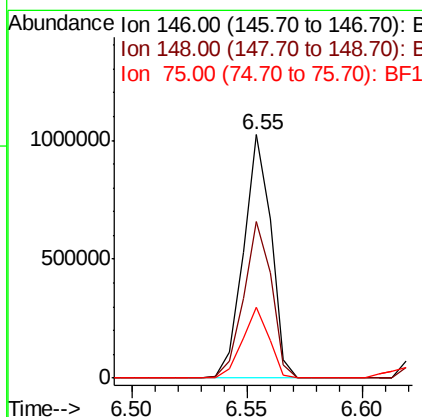
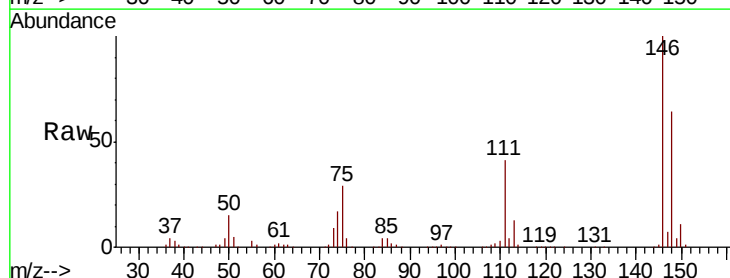
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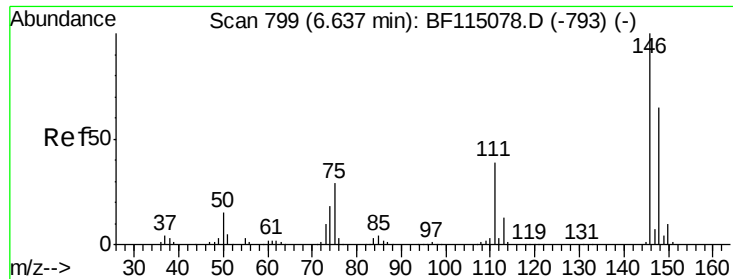
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#12
1,3-Dichlorobenzene
Concen: 41.285 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	854459		
148	64.5	52.6	78.8	
75	29.3	22.6	34.0	





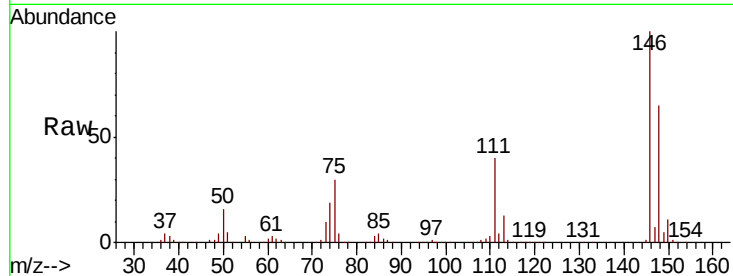
#13
1,4-Dichlorobenzene
Concen: 41.554 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	39.9	31.4	47.0

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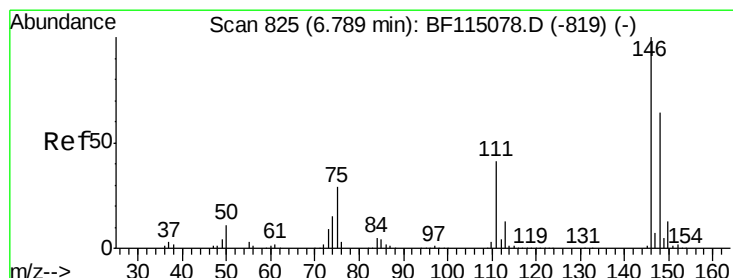
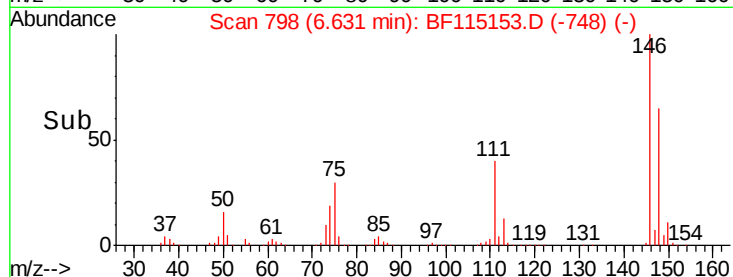
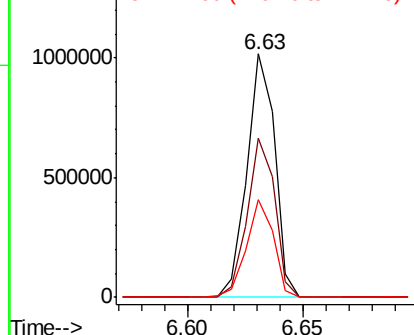


Abundance

Ion 146.00 (145.70 to 146.70): E

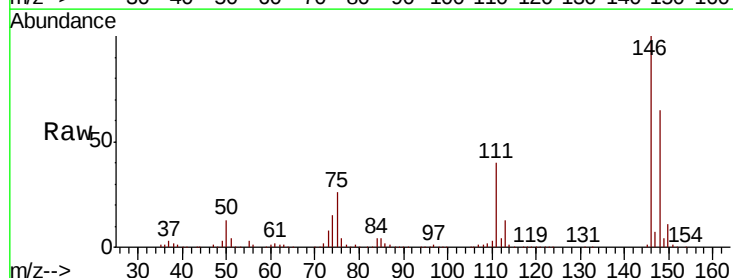
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.389 ng
RT: 6.79 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	40.3	33.2	49.8

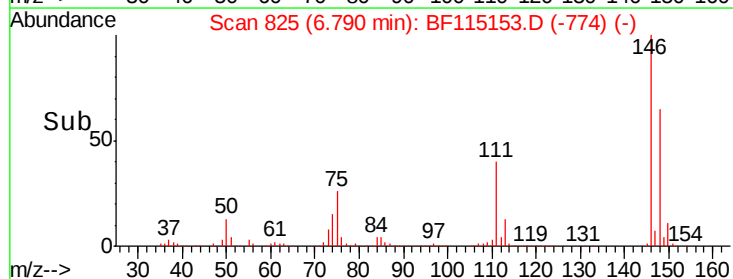
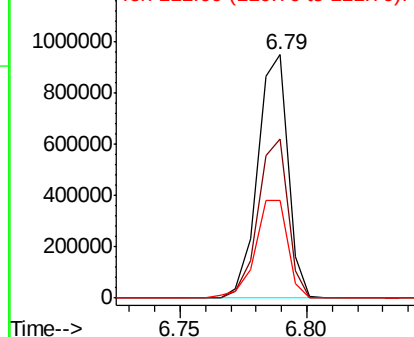


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





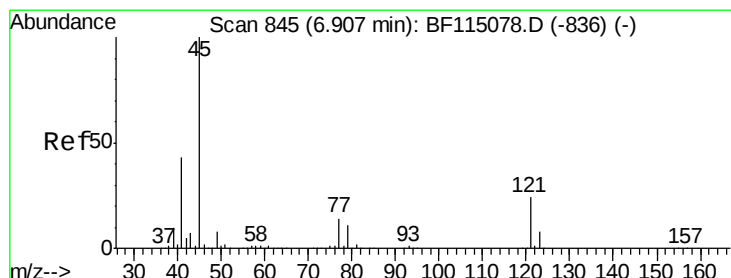
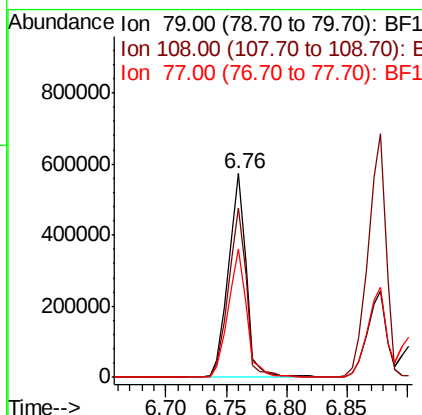
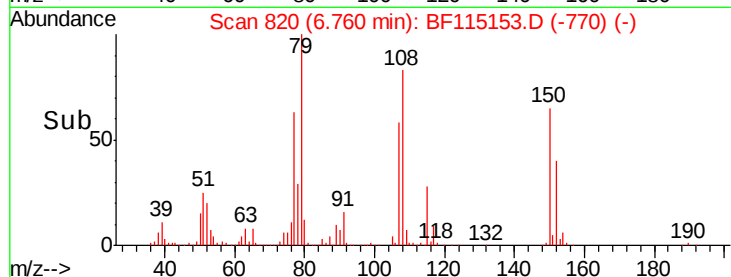
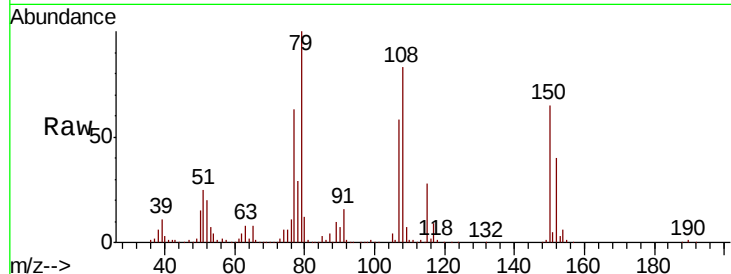
#15
Benzyl Alcohol
Concen: 40.349 ng
RT: 6.76 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.2	68.7	103.1
77	63.2	51.7	77.5

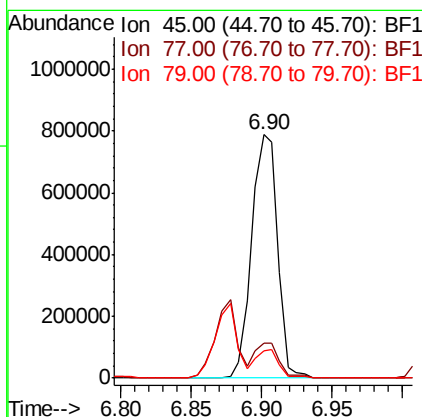
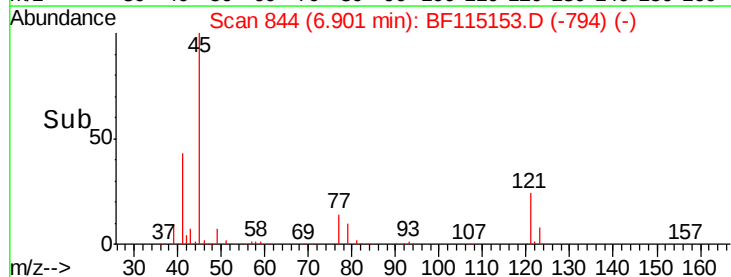
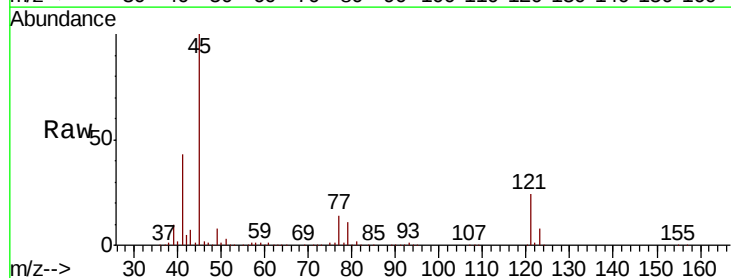
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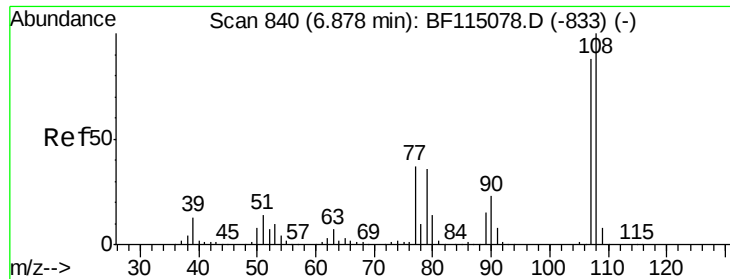
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.520 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	34.6
79	11.1	0.0	31.2





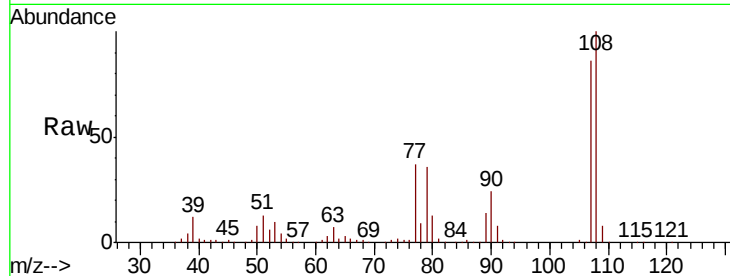
#17
2-Methylphenol
Concen: 39.718 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	611380
Ion Ratio	Lower	Upper	
107	100		
108	116.2	90.9	136.3
77	42.8	33.4	50.2
79	41.3	32.3	48.5

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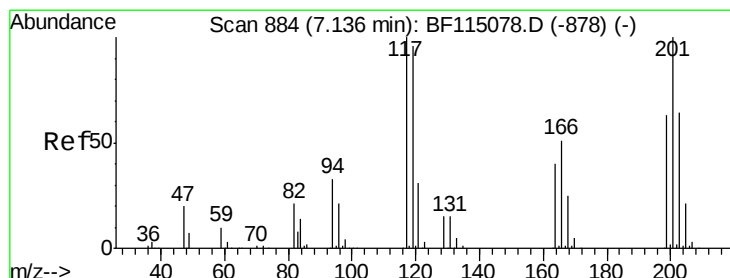
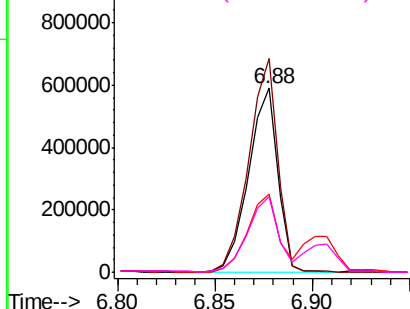
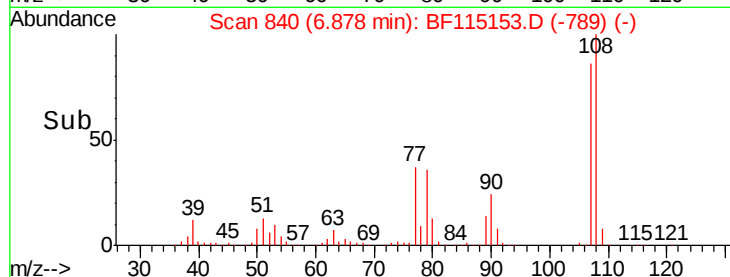
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

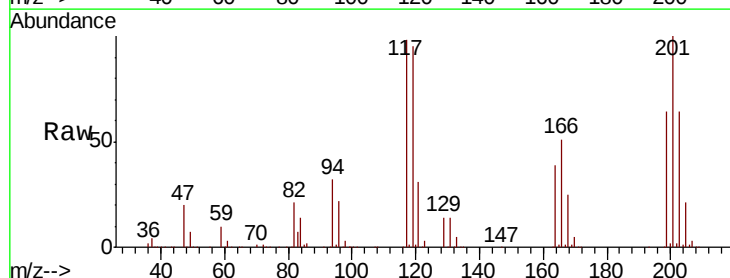
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.013 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:	117	Resp:	306868
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.6	114.8
201	102.4	80.2	120.2

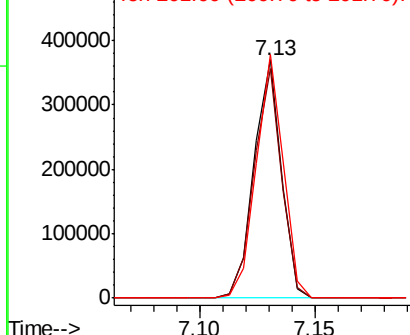
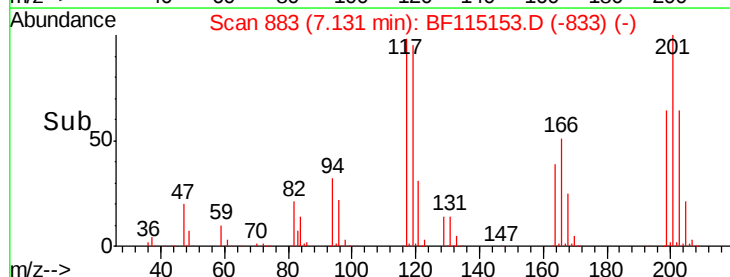


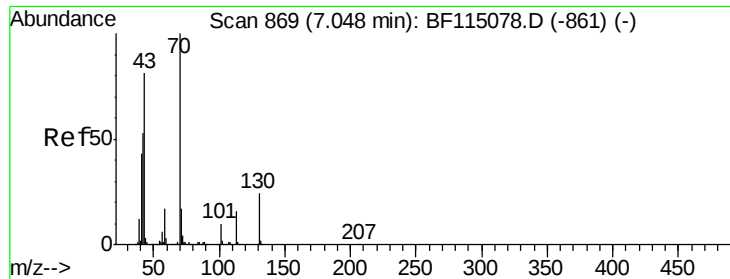
Abundance

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





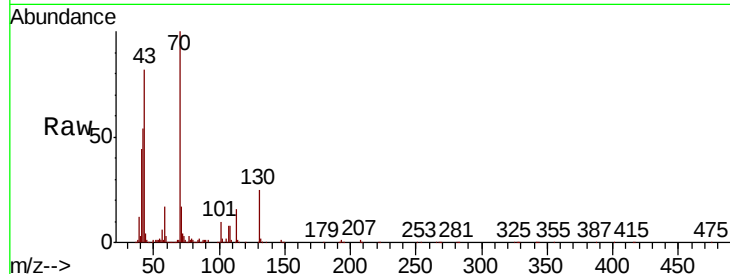
#19
n-Nitroso-di-n-propylamine
Concen: 38.494 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	42.6	63.8	
101	10.4	8.0	12.0	
130	24.9	19.4	29.0	

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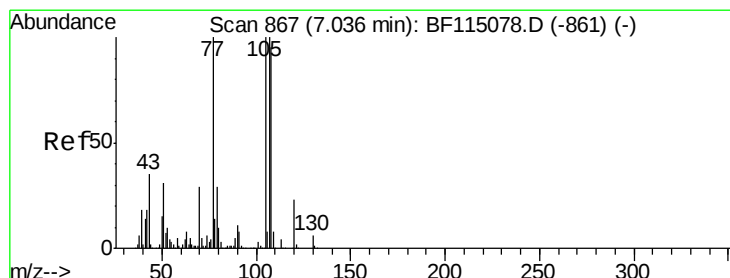
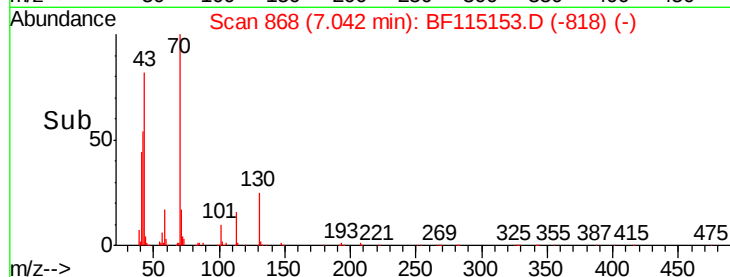
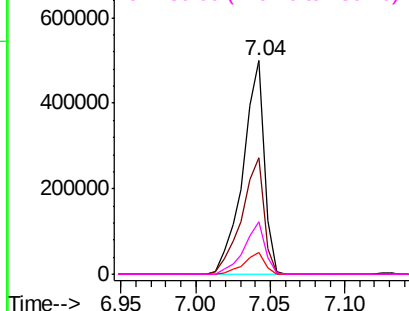
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 39.696 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	75.5	115.5	
77	115.7	80.2	120.2	
79	27.5	9.5	49.5	

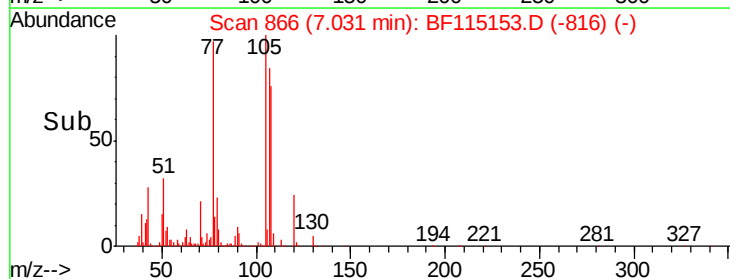
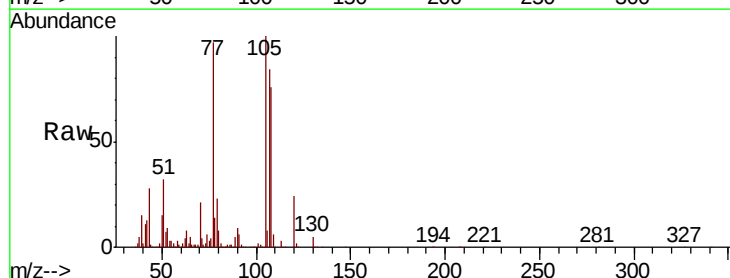
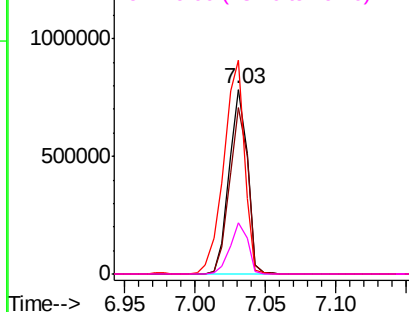
Abundance

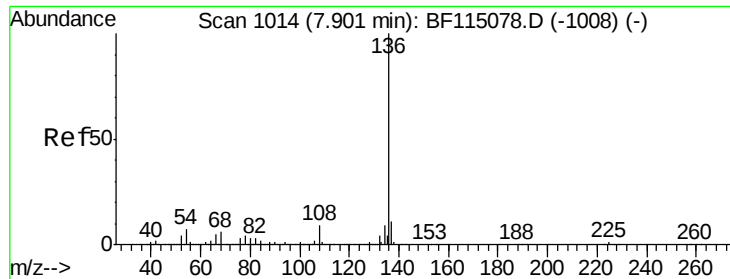
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

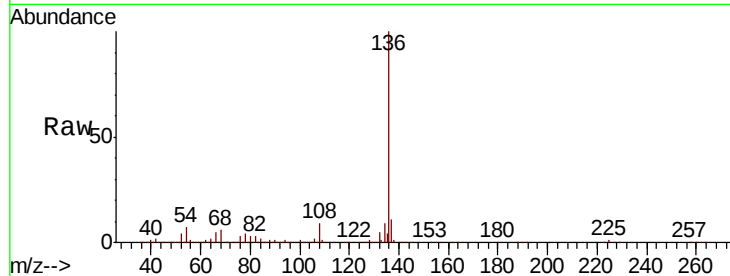
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.1	5.6	8.4	
68	6.0	4.8	7.2	

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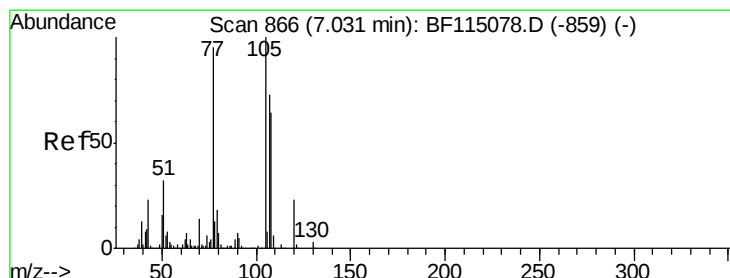
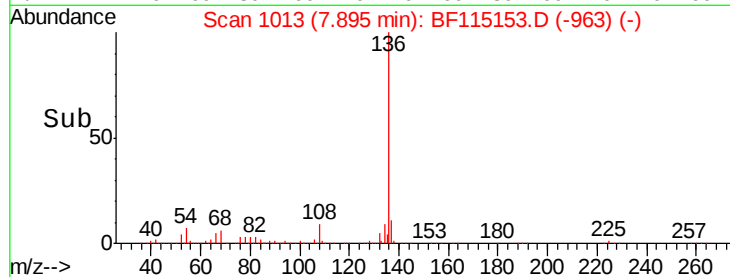
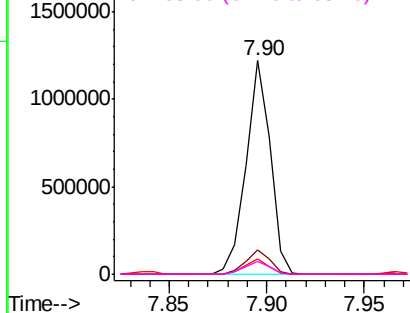
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.644 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	3.6	1.9	2.9#	
51	32.2	25.8	38.8	
120	23.6	18.5	27.7	

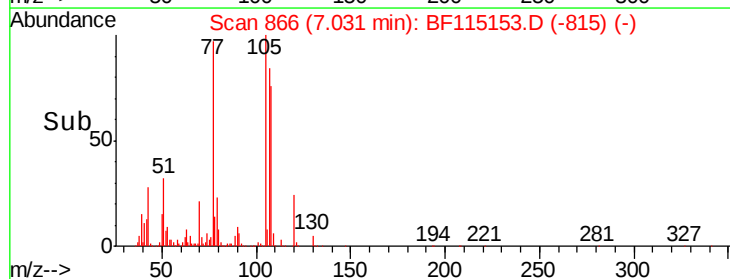
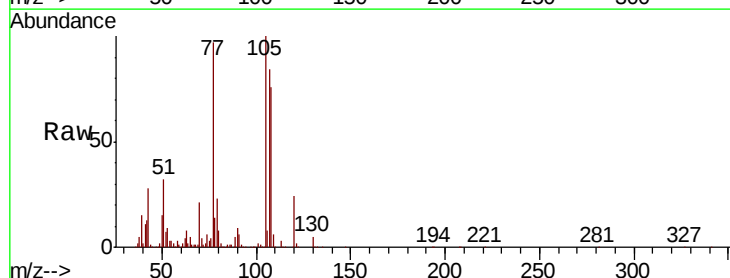
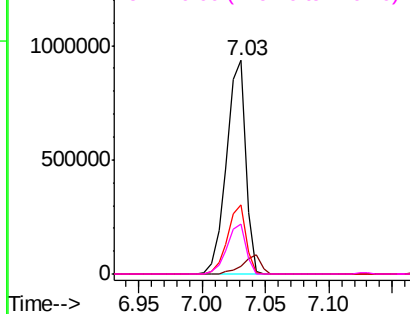
Abundance

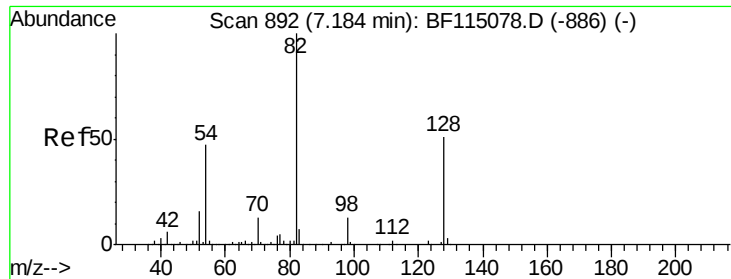
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





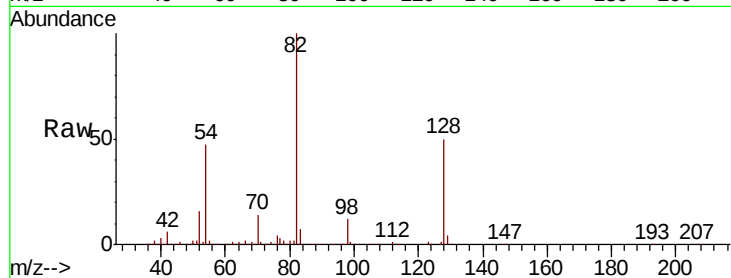
#23
 Nitrobenzene-d5
 Concen: 85.213 ng
 RT: 7.18 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.4	60.6
54	47.4	37.5	56.3

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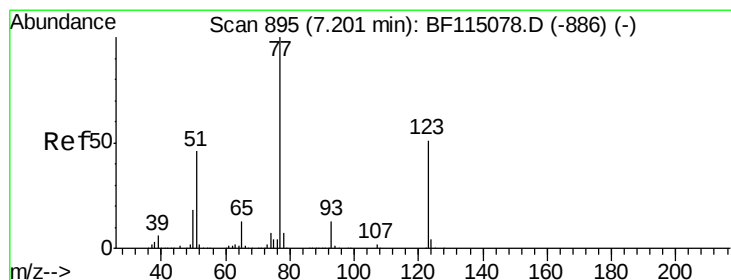
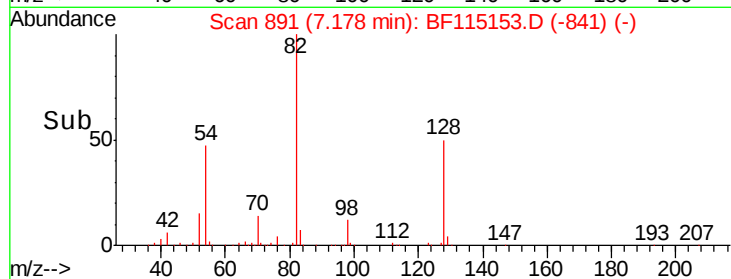
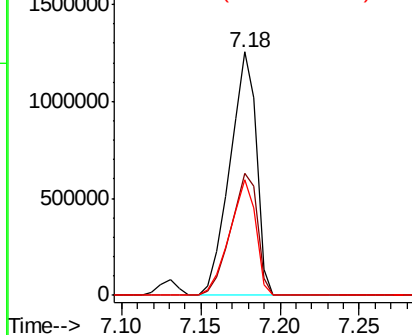


Abundance

Ion 82.00 (81.70 to 82.70): BF1

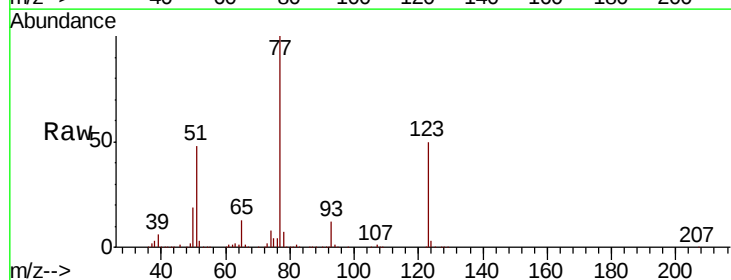
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 40.930 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	41.0	61.6
65	13.4	10.5	15.7

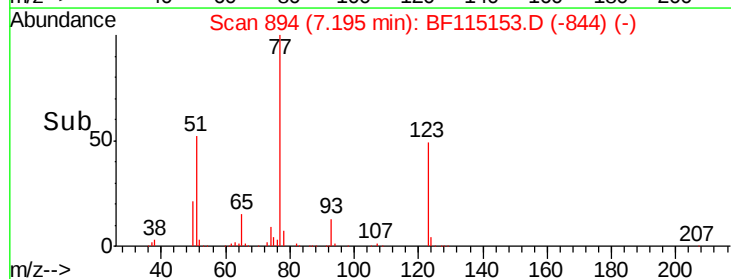
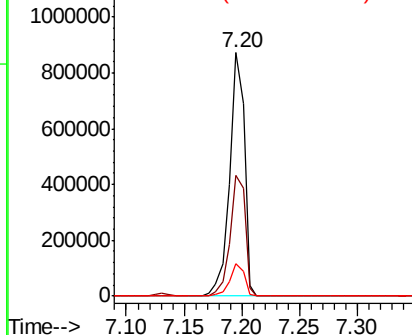


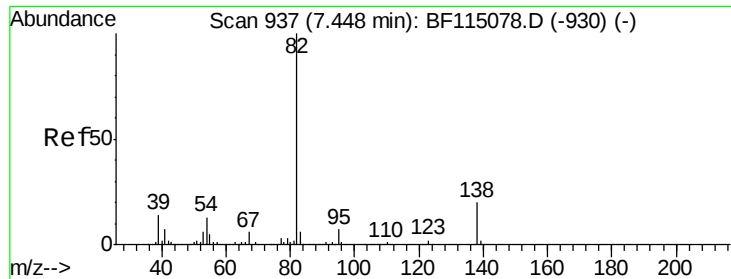
Abundance

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: 38.965 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1363221

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

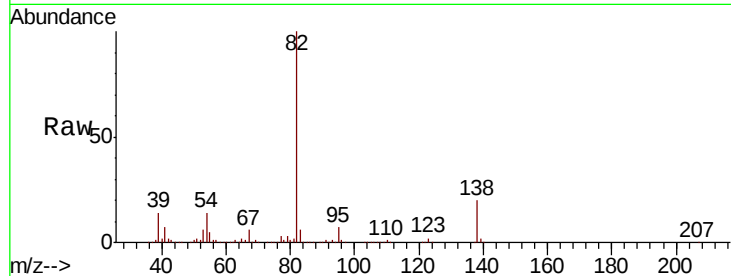
138 20.1 15.9 23.9

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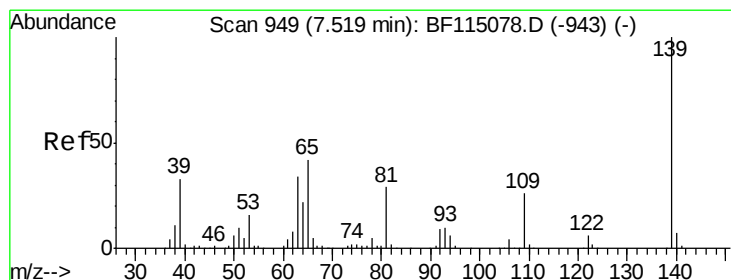
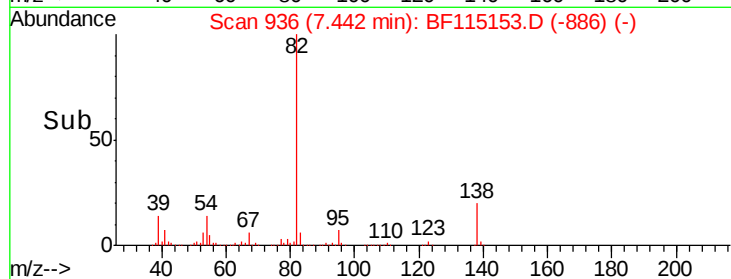
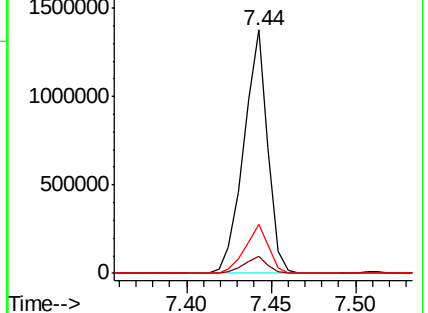
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.549 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

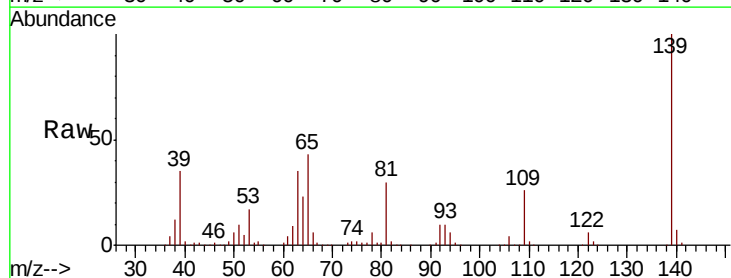
Tgt Ion: 139 Resp: 404639

Ion Ratio Lower Upper

139 100

109 25.8 20.4 30.6

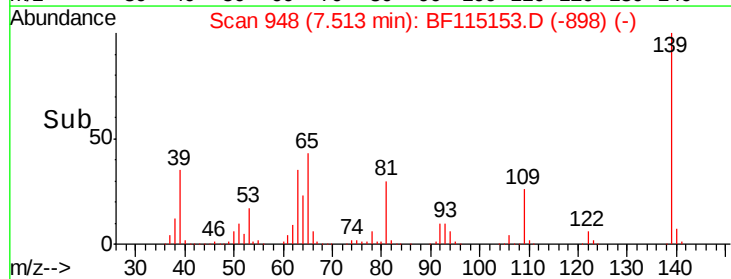
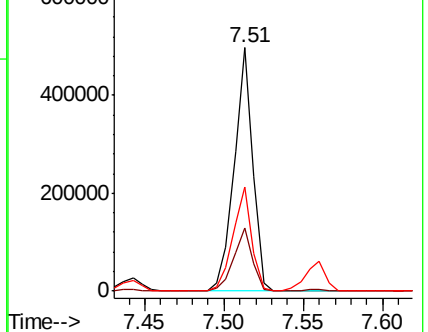
65 42.9 33.6 50.4

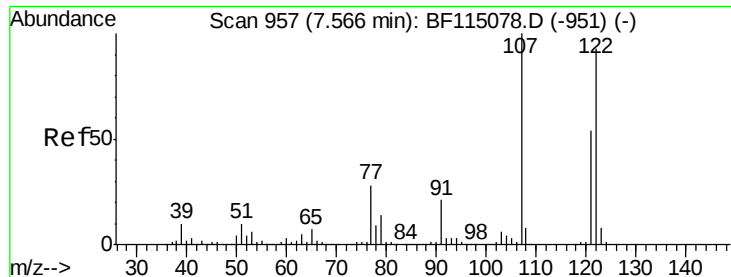


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





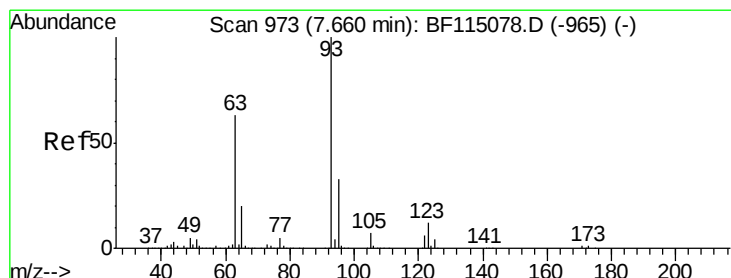
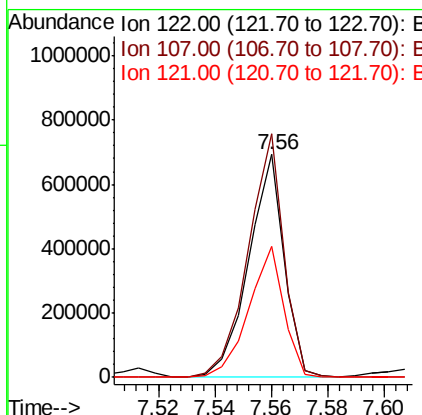
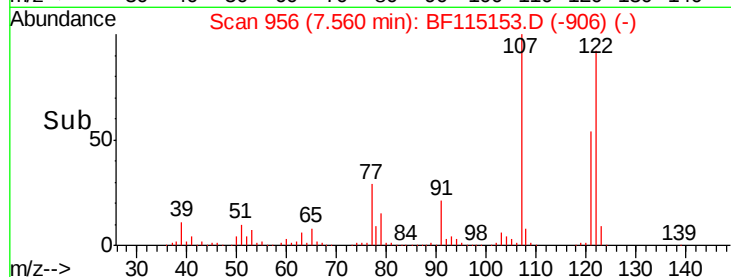
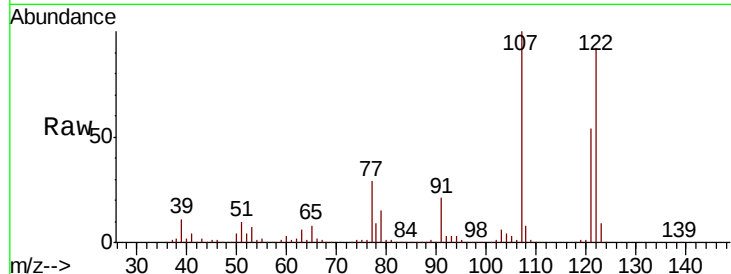
#27
2,4-Dimethylphenol
Concen: 39.687 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	85.8	128.6
121	58.8	46.3	69.5

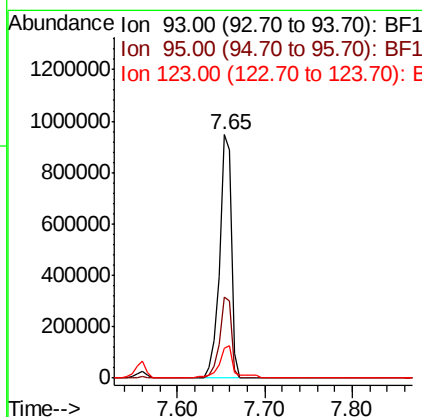
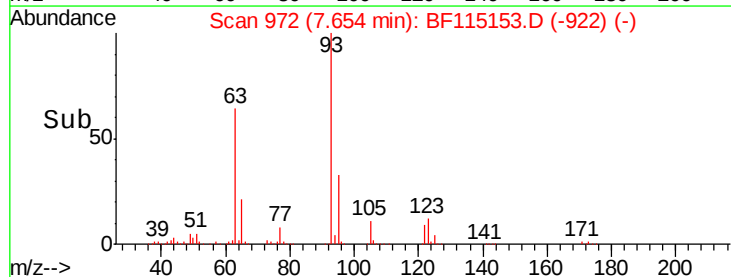
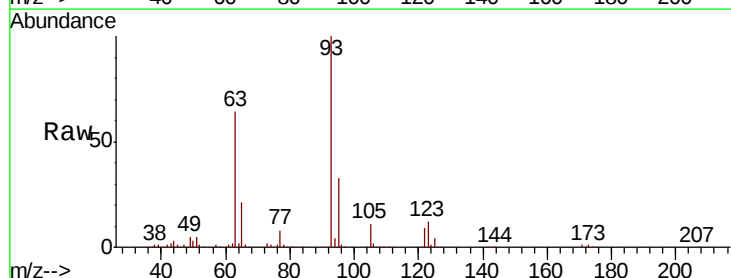
Manual Integrations
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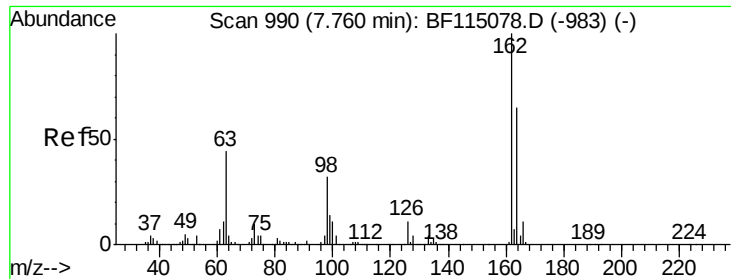
mohammad
6/28/2019 8:25:17 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.524 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.4
123	12.4	9.7	14.5





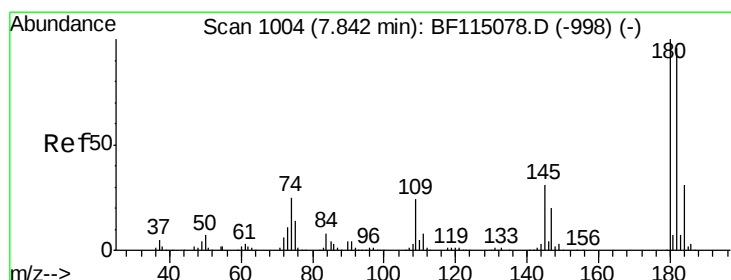
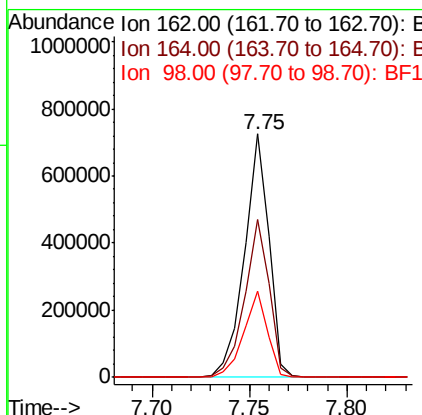
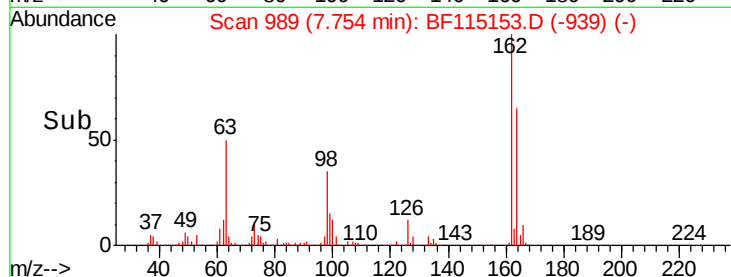
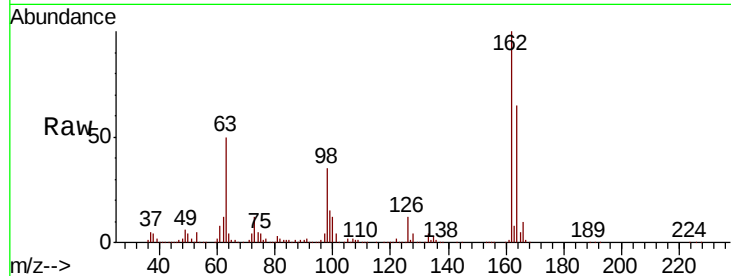
#29
2,4-Dichlorophenol
Concen: 40.454 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	45.3	85.3
98	35.4	12.5	52.5

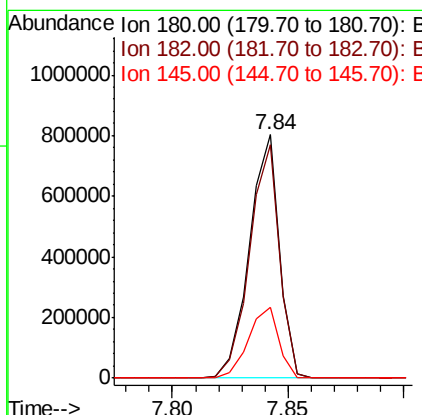
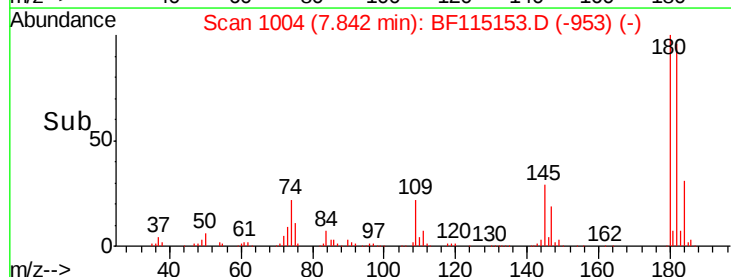
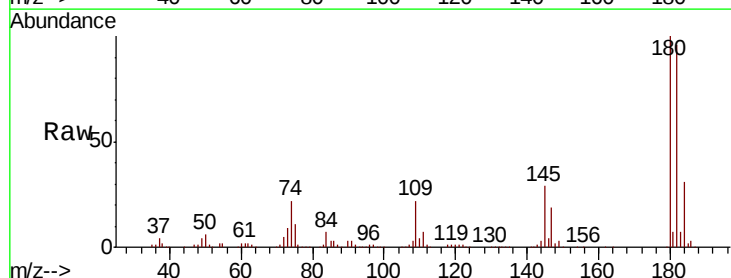
Manual Integrations
APPROVED

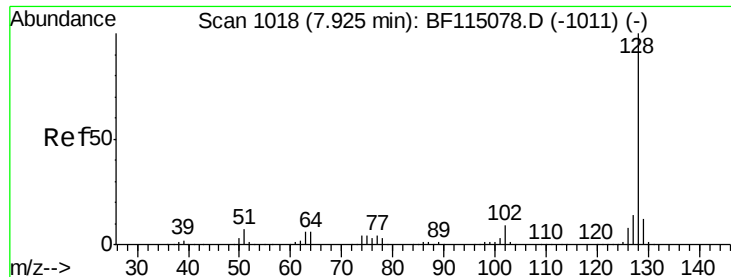
mohammad
6/28/2019 8:25:17 AM



#30
1,2,4-Trichlorobenzene
Concen: 42.043 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	76.4	114.6
145	29.3	24.8	37.2





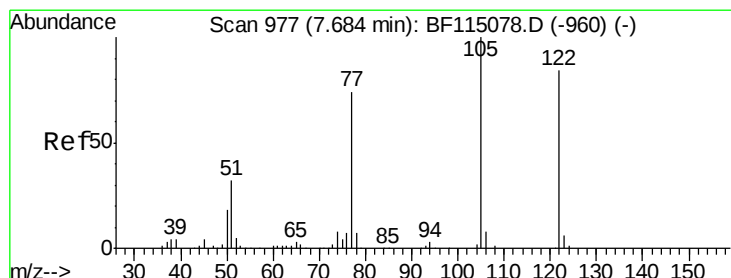
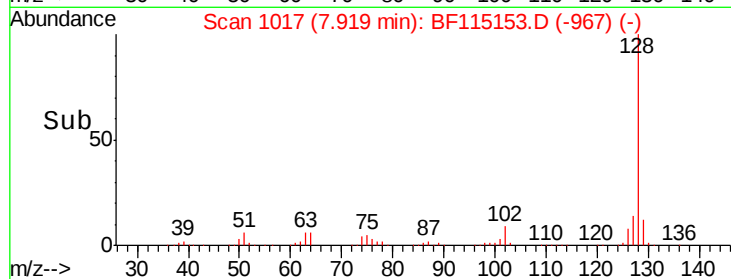
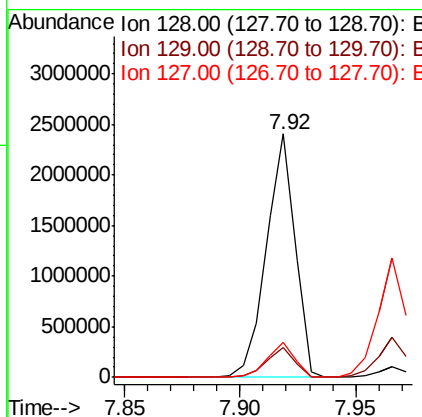
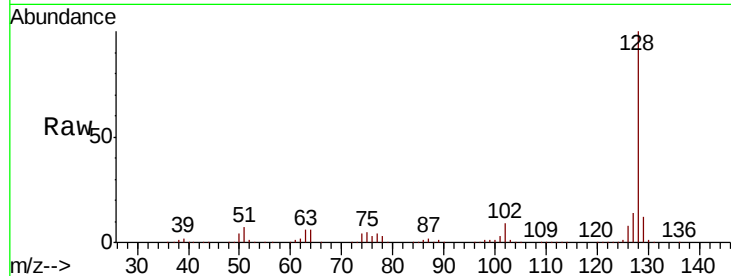
#31
Naphthalene
Concen: 40.298 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.5	11.4	17.0

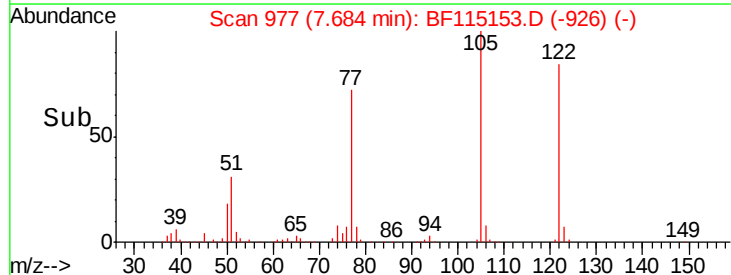
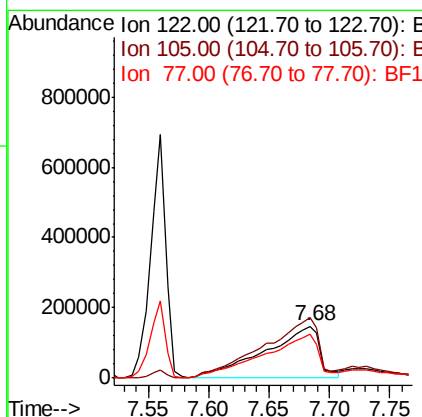
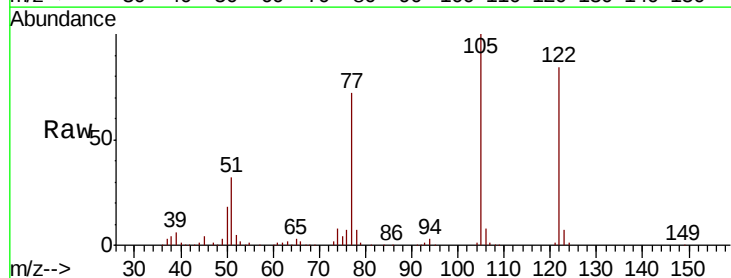
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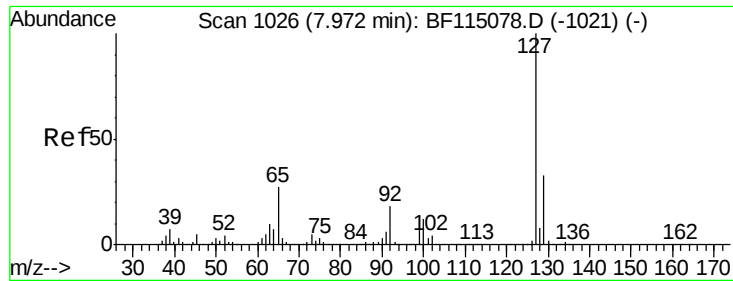
mohammad
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#32
Benzoic acid
Concen: 42.148 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	98.2	138.2
77	85.7	67.0	107.0





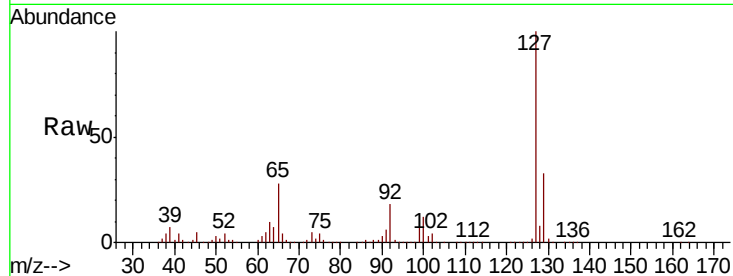
#33
4-Chloroaniline
Concen: 41.452 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

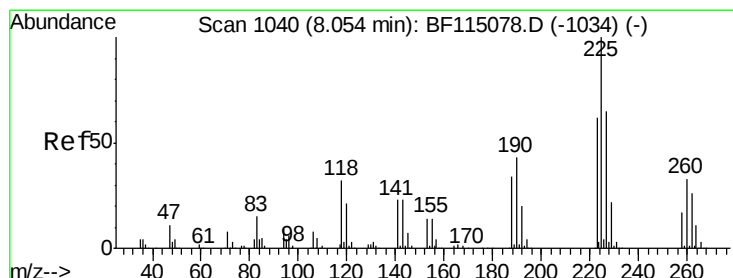
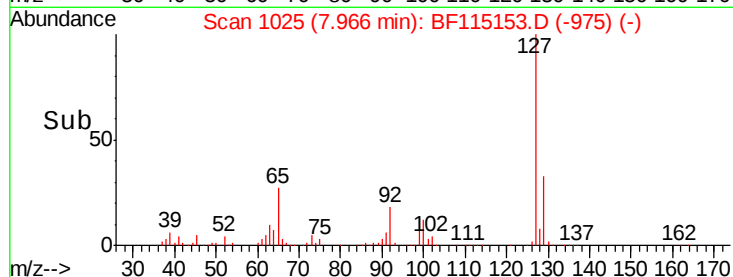
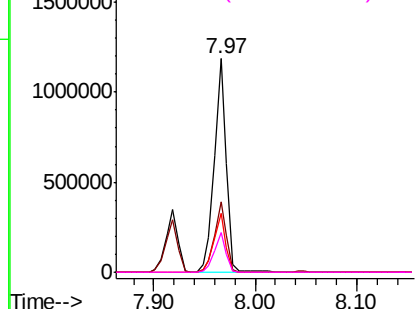
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		976963		
129	33.1	26.1	39.1		
65	27.6	21.4	32.2		
92	18.4	14.1	21.1		

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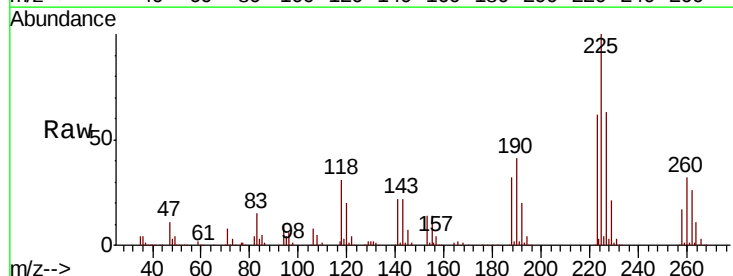


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

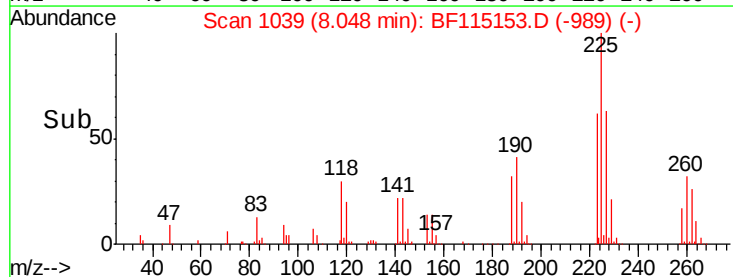
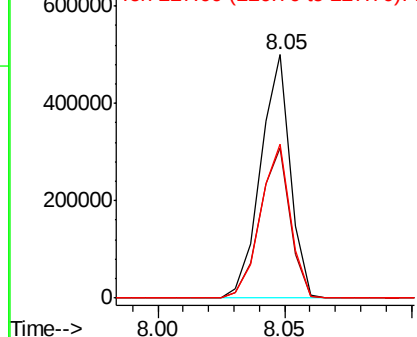


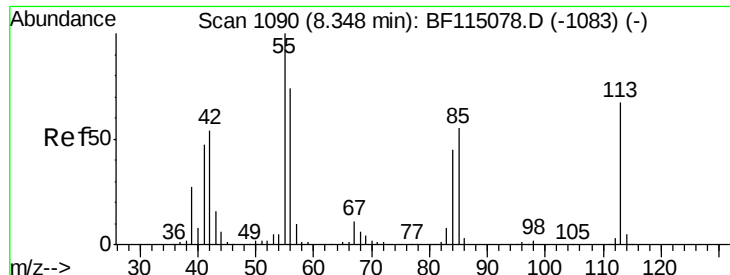
#34
Hexachlorobutadiene
Concen: 42.780 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		406554		
223	61.9	49.4	74.2		
227	63.5	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





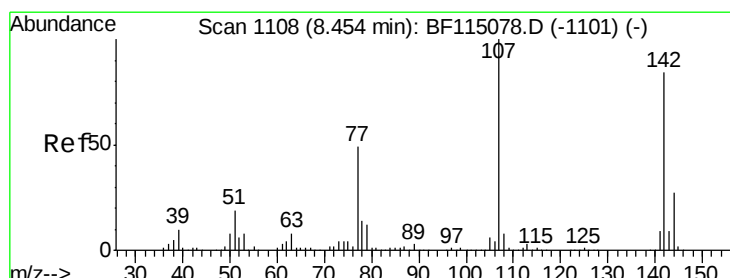
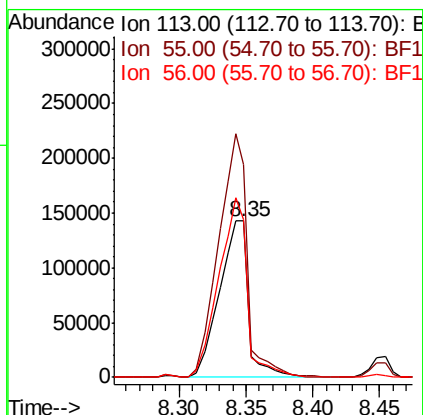
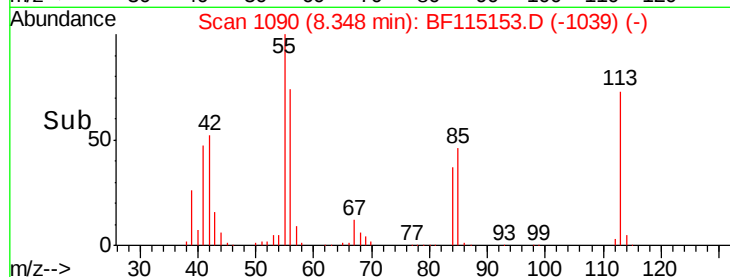
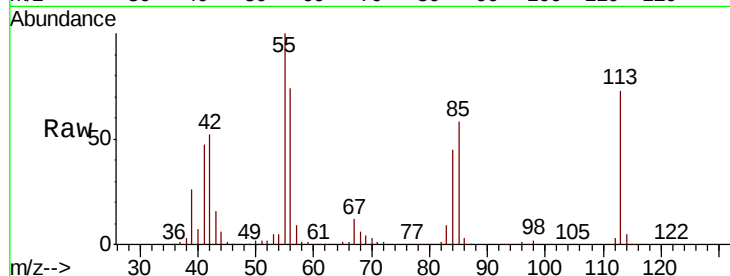
#35
Caprolactam
Concen: 41.379 ng
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		218412		
55	136.2	130.2	170.2		
56	101.1	91.6	131.6		

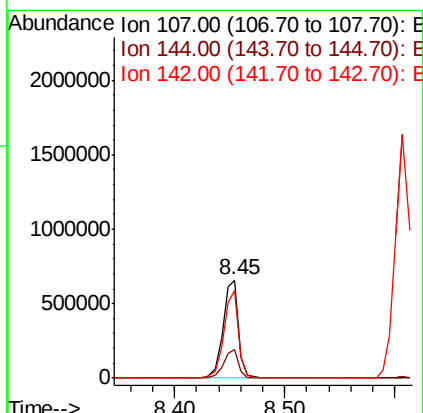
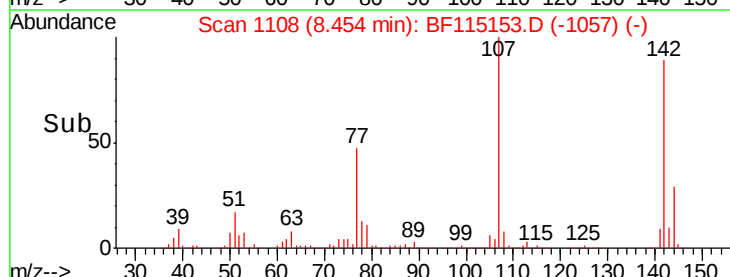
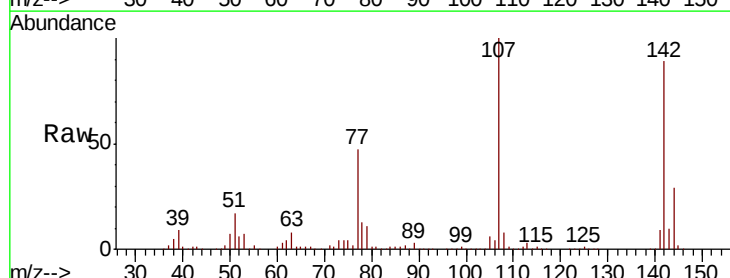
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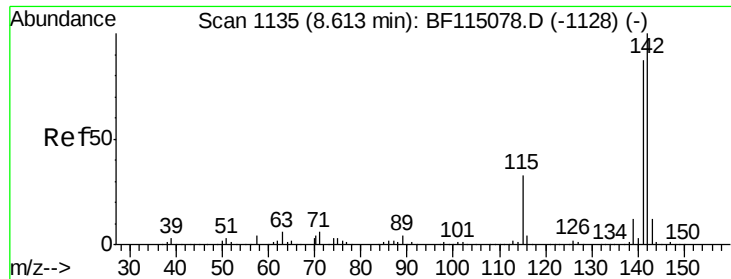
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.192 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		639027		
144	29.0	21.7	32.5		
142	89.1	67.0	100.4		





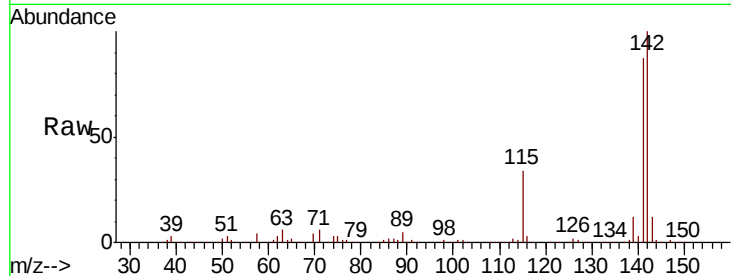
#37
2-Methylnaphthalene
Concen: 40.783 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.8	104.6
115	33.7	26.7	40.1

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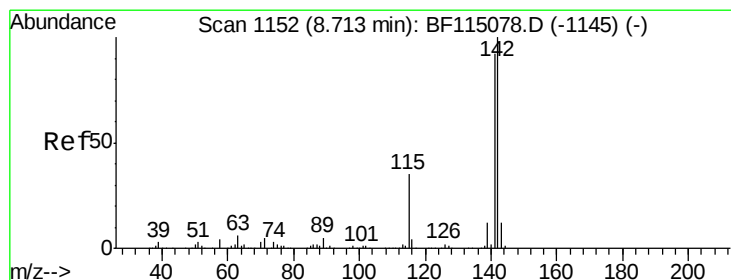
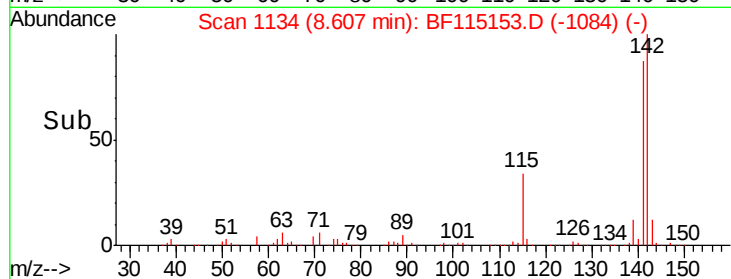
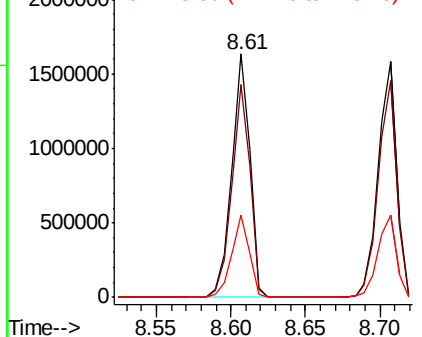


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.262 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

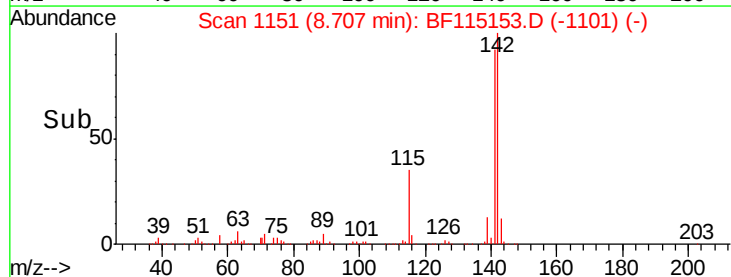
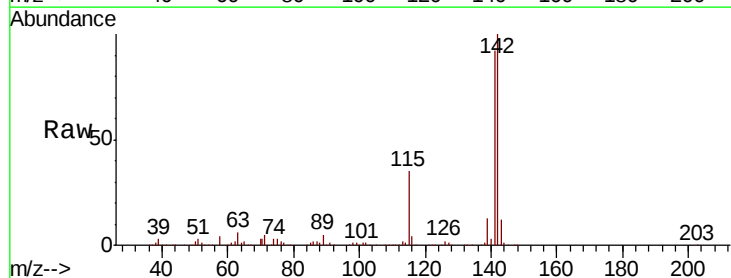
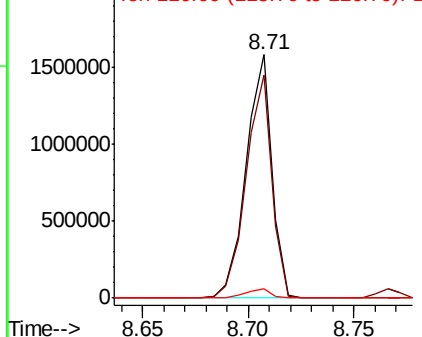
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.8
116	3.7	2.8	4.2

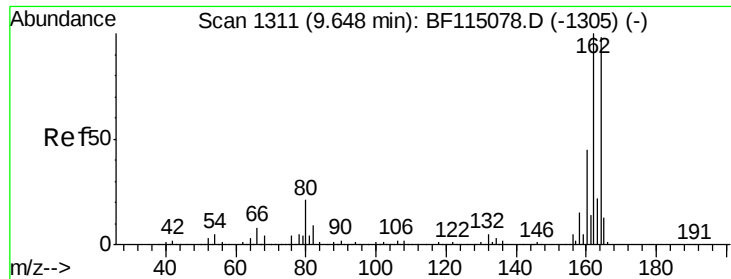
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





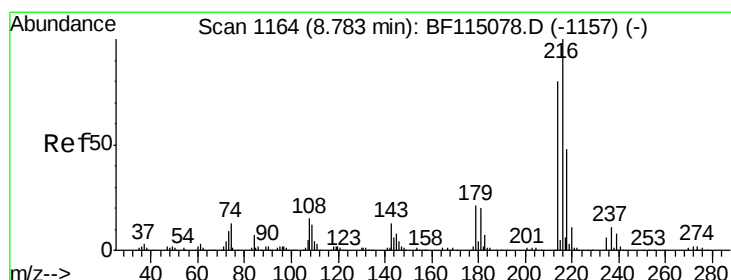
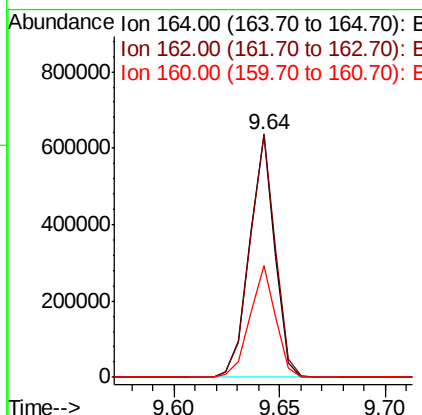
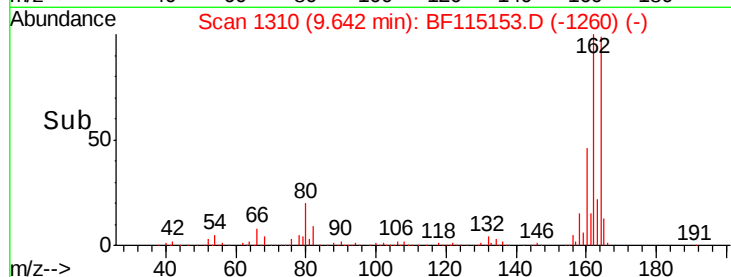
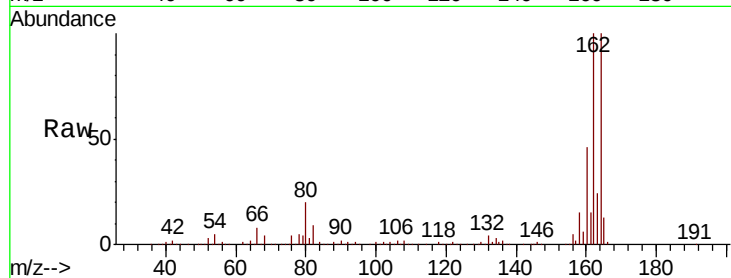
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.7	122.5
160	45.9	37.0	55.4

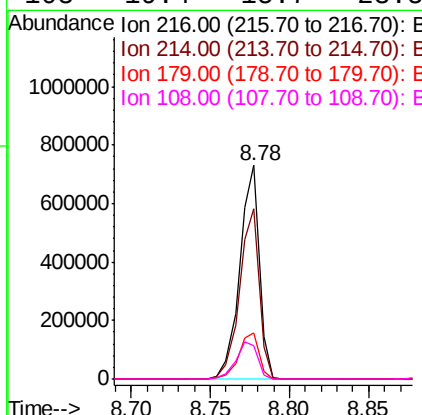
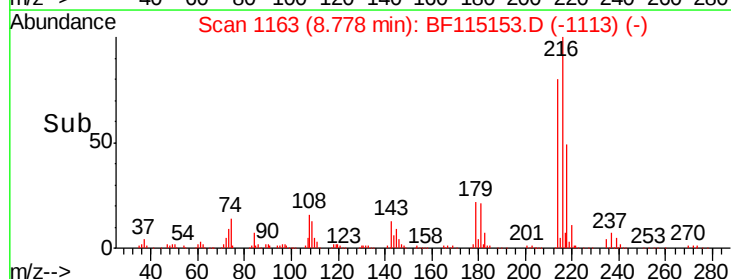
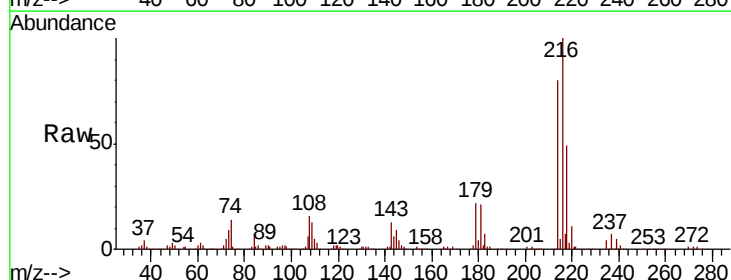
Manual Integrations
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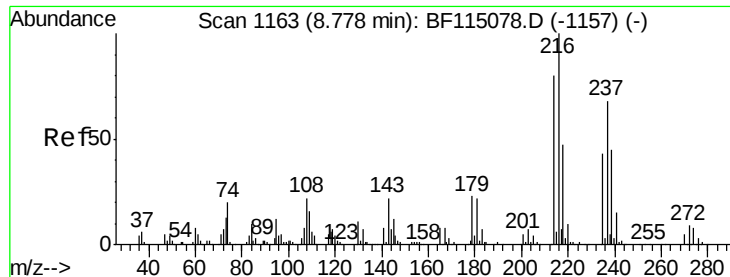
mohammad
6/28/2019 8:25:17 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.957 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	22.2	17.6	26.4
108	19.4	15.7	23.5





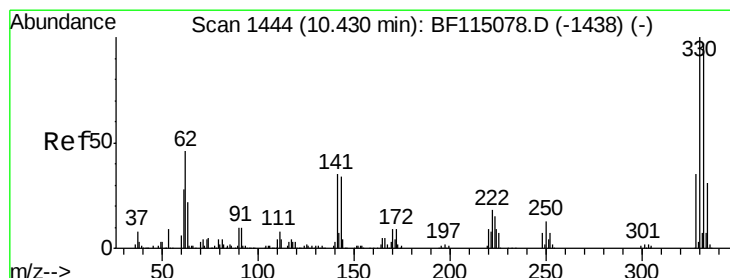
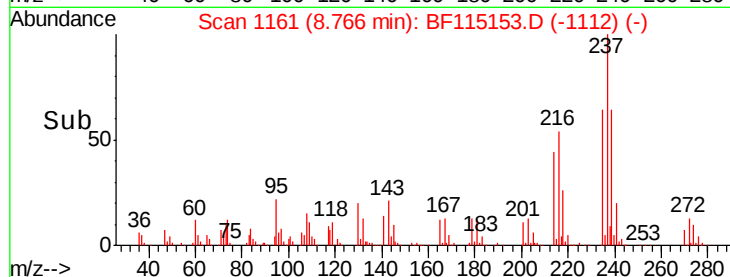
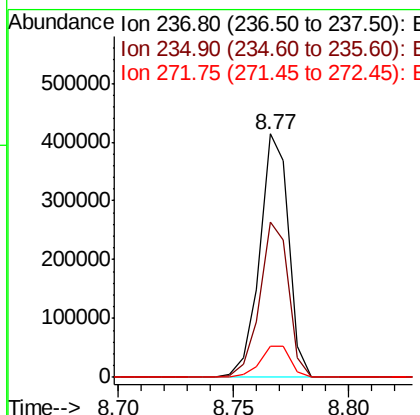
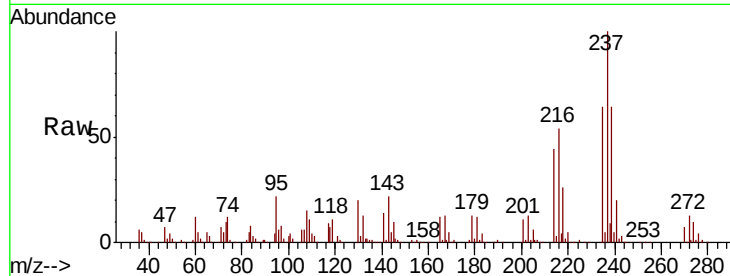
#41
Hexachlorocyclopentadiene
Concen: 41.007 ng
RT: 8.77 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	43.9	83.9	
272	12.6	0.0	33.8	

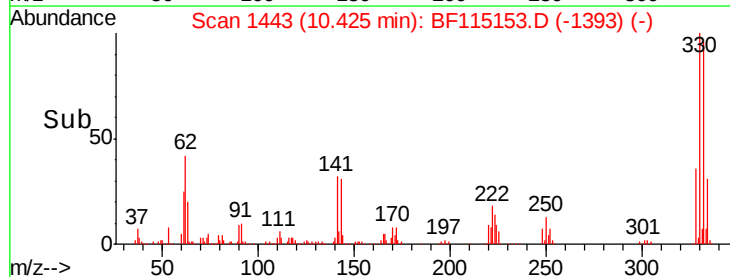
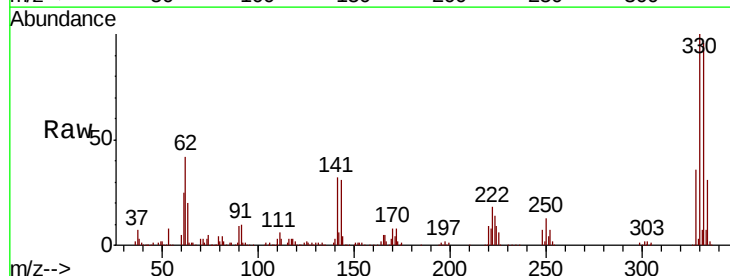
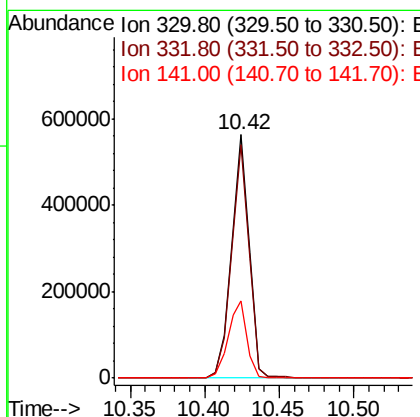
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#42
2,4,6-Tribromophenol
Concen: 86.217 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.3	115.9	
141	33.4	28.2	42.2	





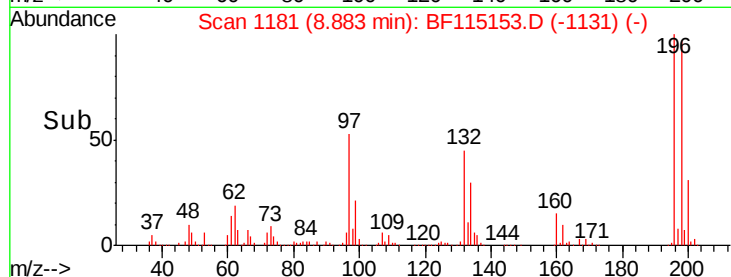
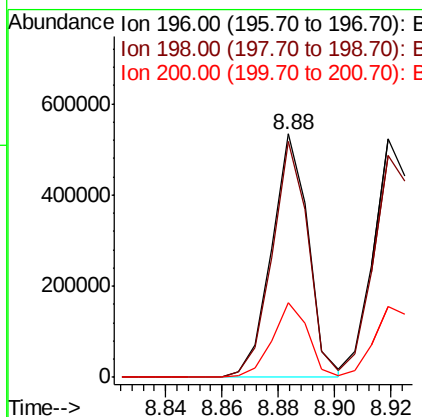
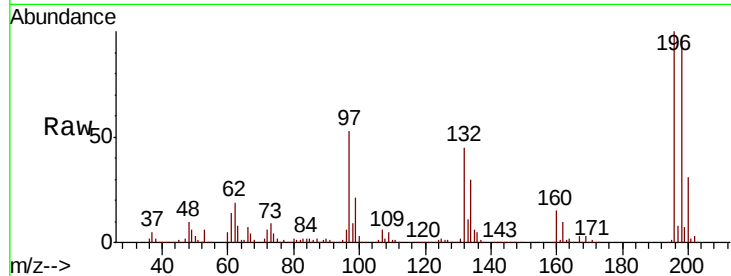
#43
 2,4,6-Trichlorophenol
 Concen: 41.648 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	478114		
198	96.7	76.3	114.5	
200	30.8	24.2	36.4	

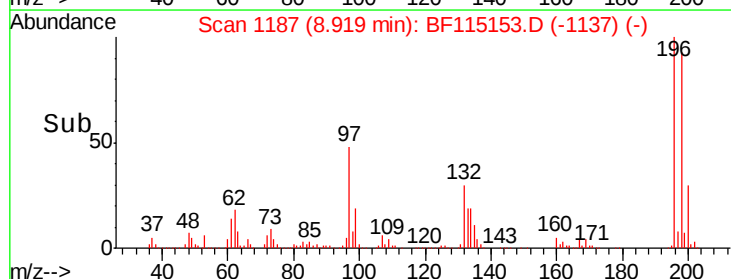
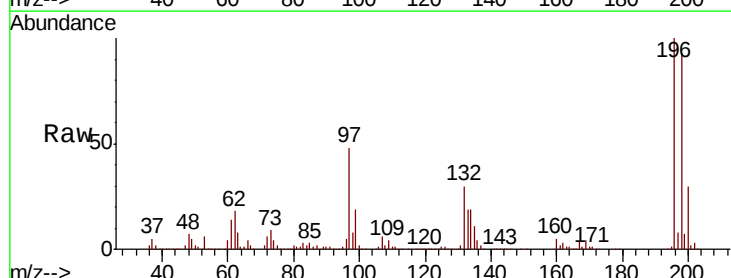
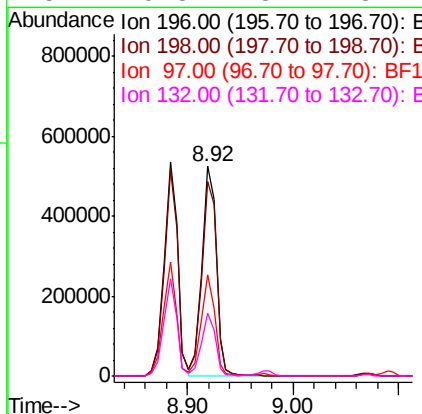
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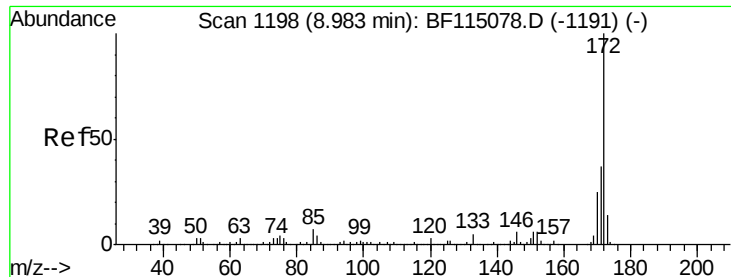
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#44
 2,4,5-Trichlorophenol
 Concen: 41.716 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	493169		
198	93.1	77.1	115.7	
97	48.2	37.7	56.5	
132	29.8	23.1	34.7	





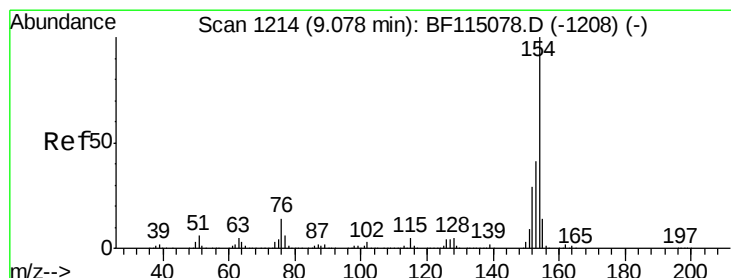
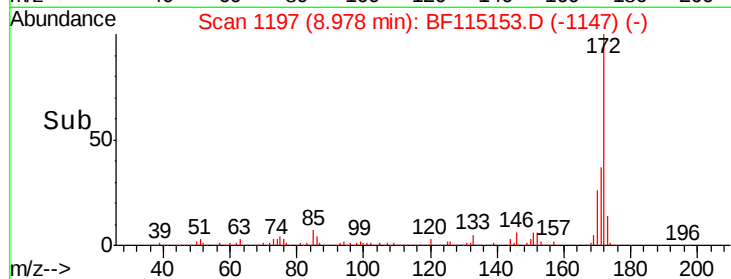
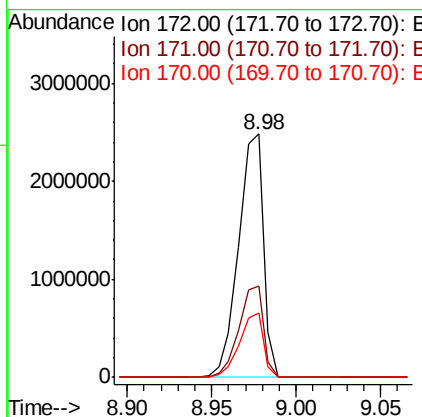
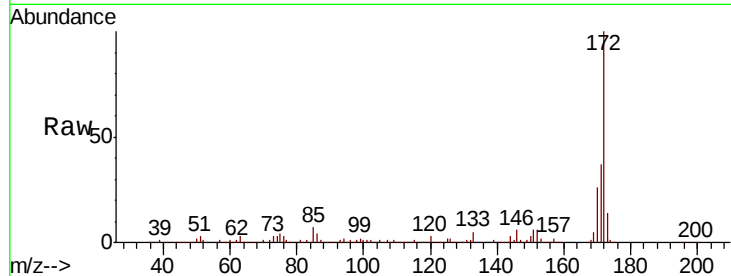
#45
2-Fluorobiphenyl
Concen: 82.395 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	26.3	20.3	30.5

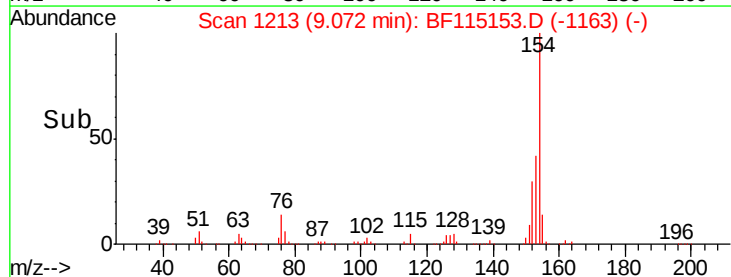
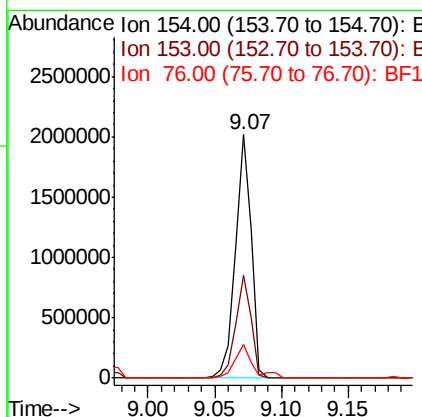
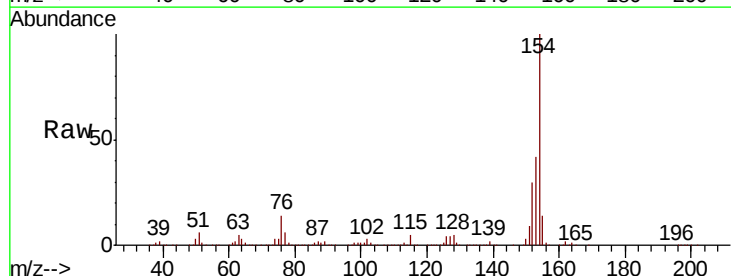
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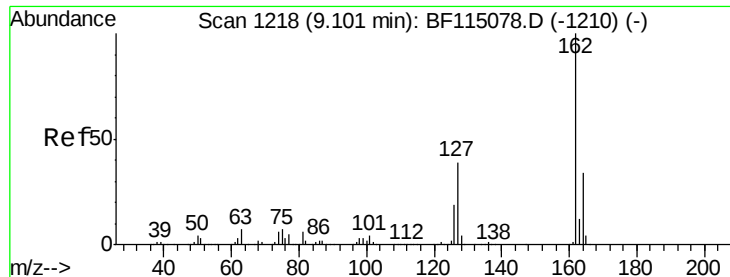
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#46
1,1'-Biphenyl
Concen: 39.946 ng
RT: 9.07 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.9	60.9
76	13.9	0.0	34.1





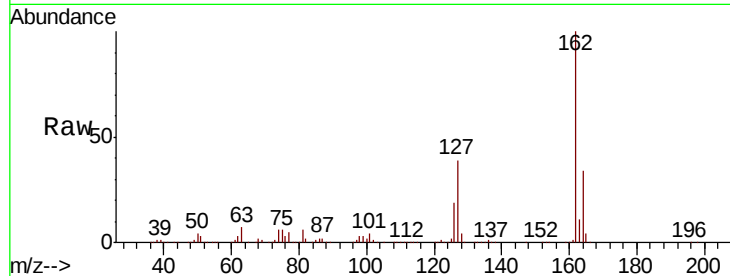
#47
2-Chloronaphthalene
Concen: 41.111 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

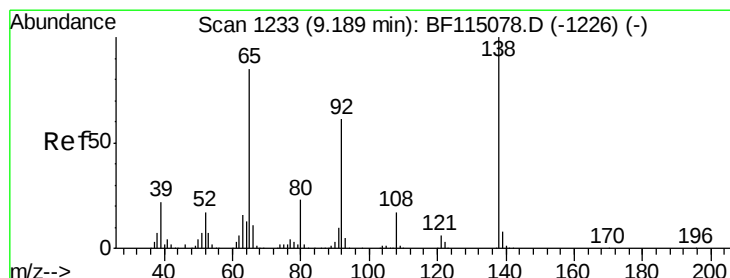
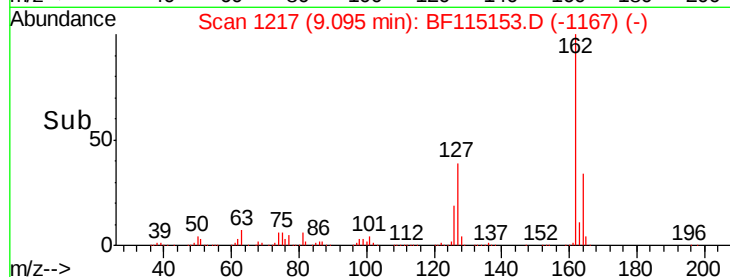
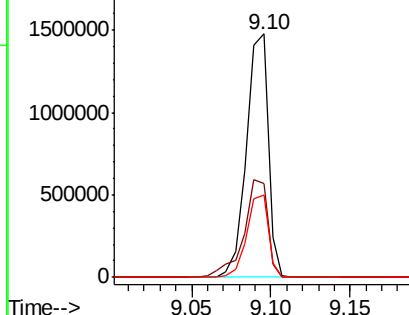
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	30.8	46.2
164	33.8	27.0	40.4

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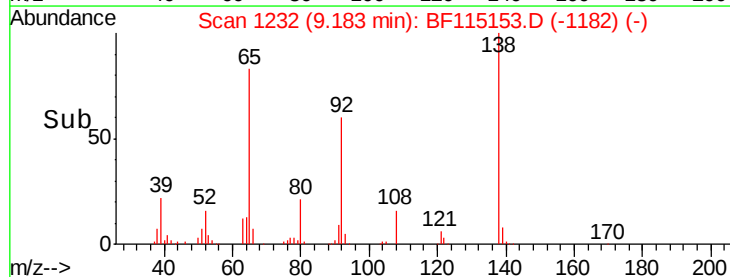
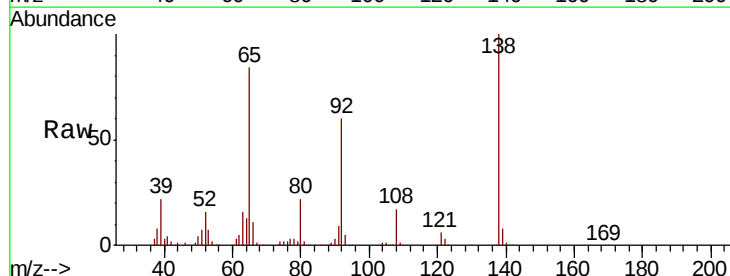
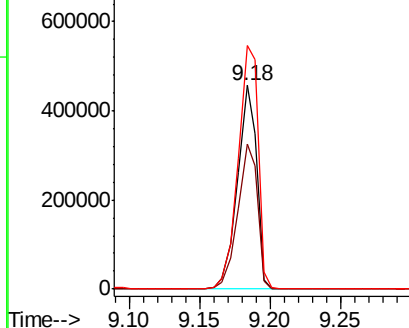
Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

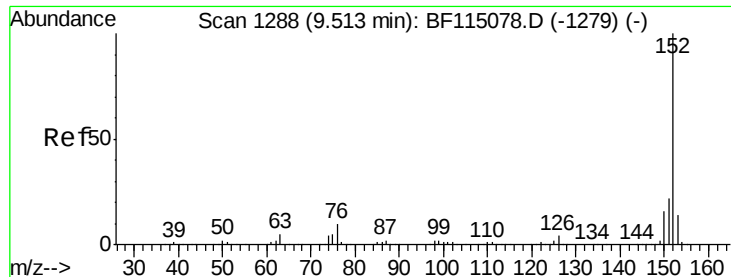


#48
2-Nitroaniline
Concen: 43.346 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	57.4	86.2
138	119.7	94.1	141.1

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





#49

Acenaphthylene

Concen: 39.393 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2096169

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

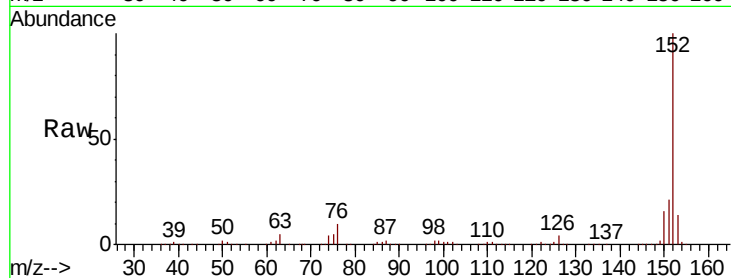
153 13.9 11.0 16.6

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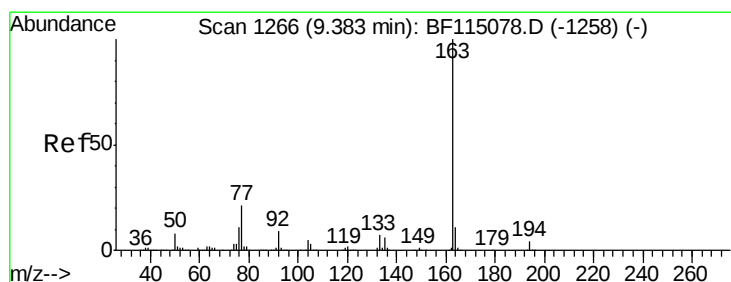
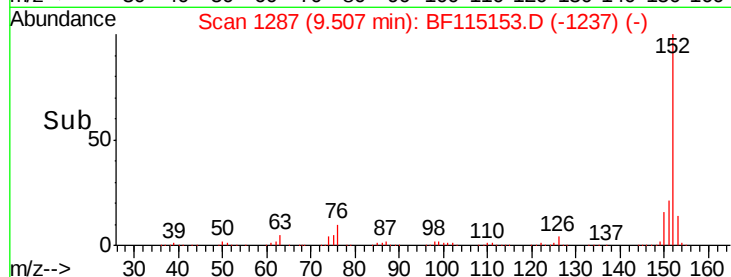
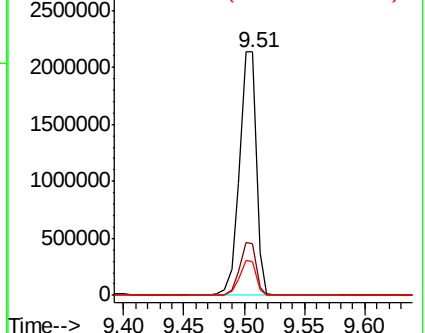
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.948 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

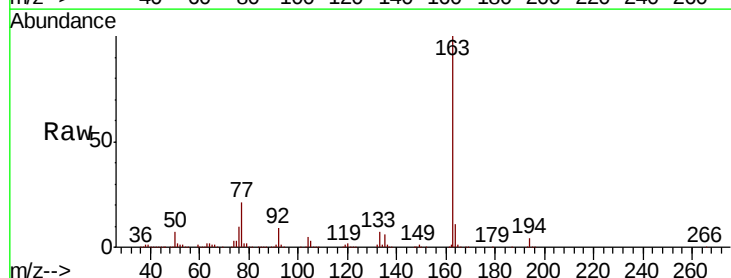
Tgt Ion:163 Resp: 1585277

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

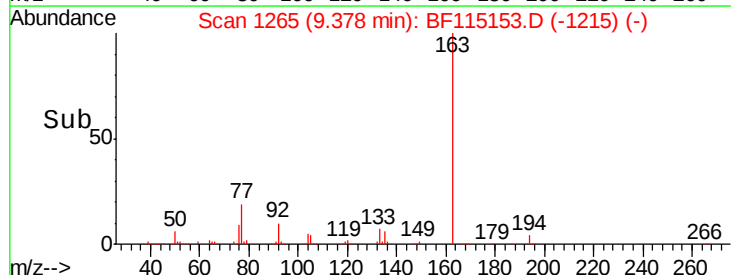
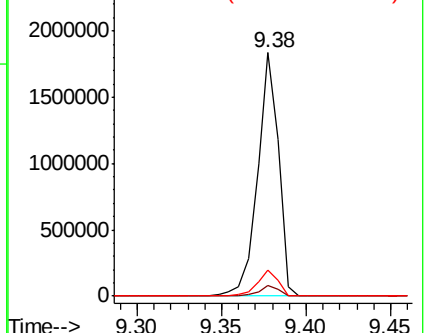
164 10.9 8.6 13.0

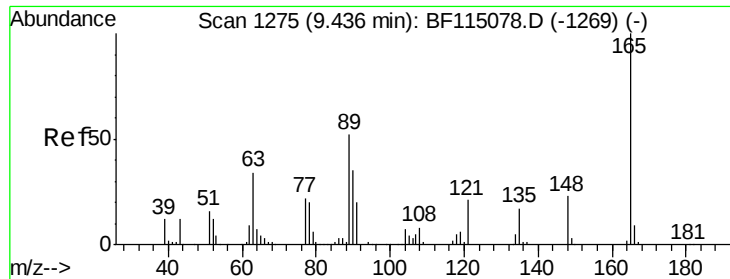


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





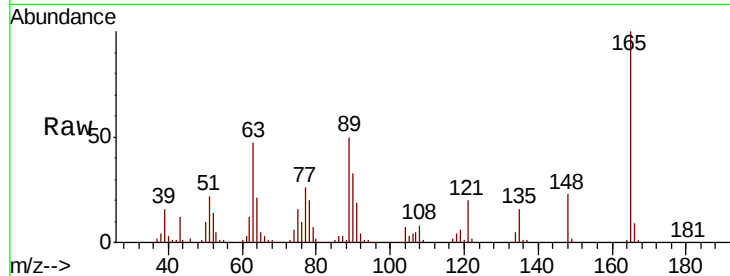
#51
2,6-Dinitrotoluene
Concen: 41.505 ng
RT: 9.43 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	39.4	59.2
89	50.3	42.0	63.0

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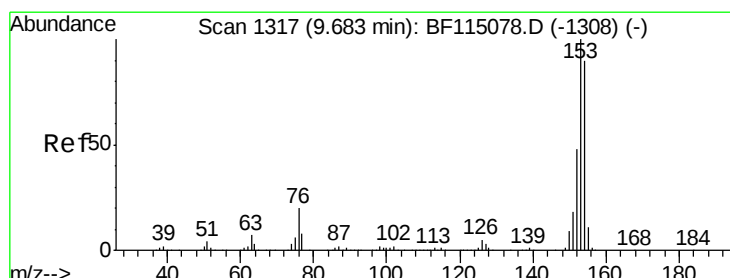
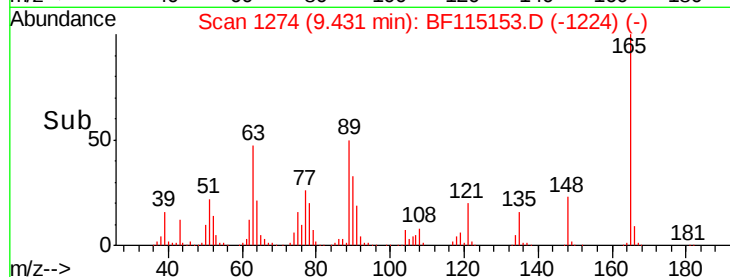
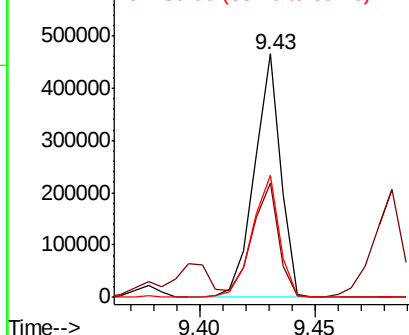


Abundance

Ion 165.00 (164.70 to 165.70): E

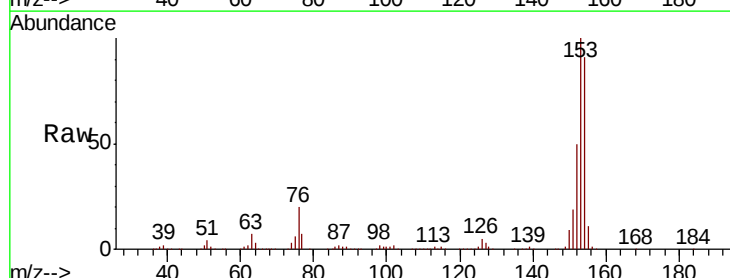
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 40.659 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.7	133.1
152	54.7	42.6	64.0

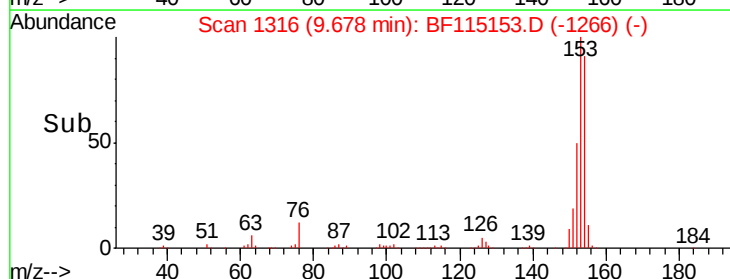
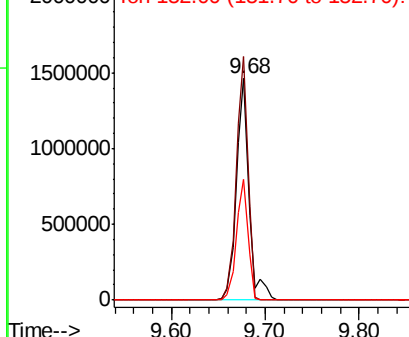


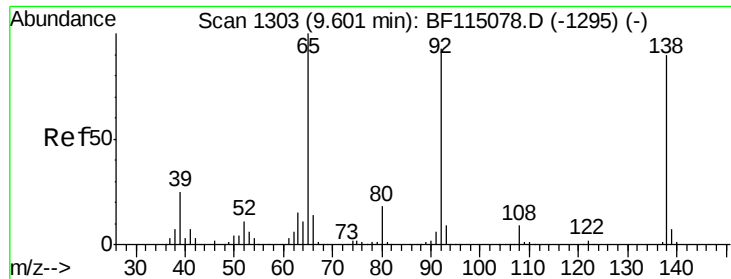
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





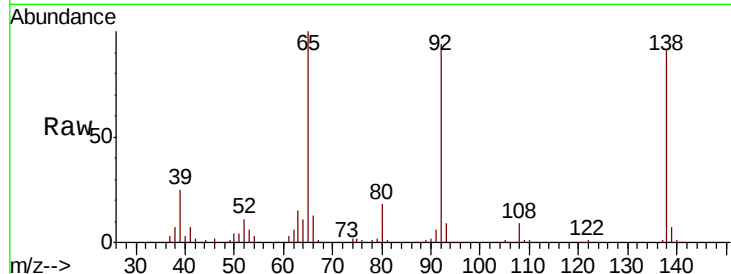
#53
3-Nitroaniline
Concen: 41.147 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

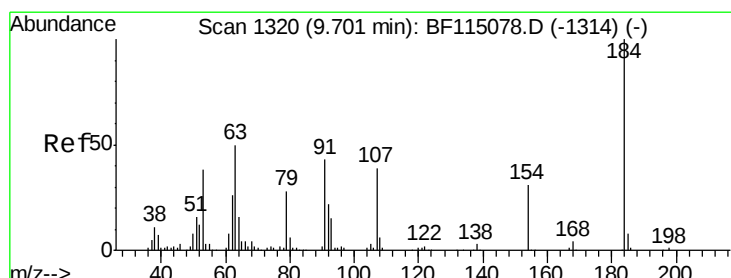
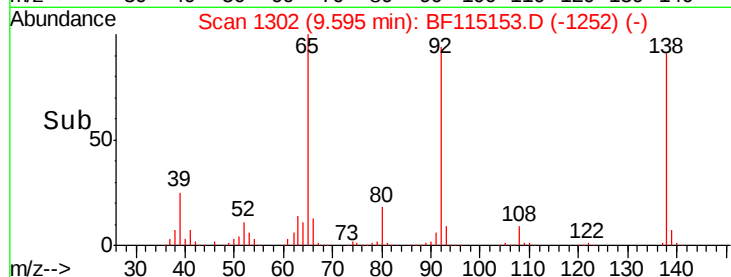
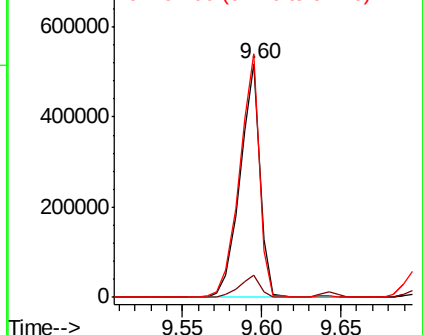
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	104.1	82.9	124.3

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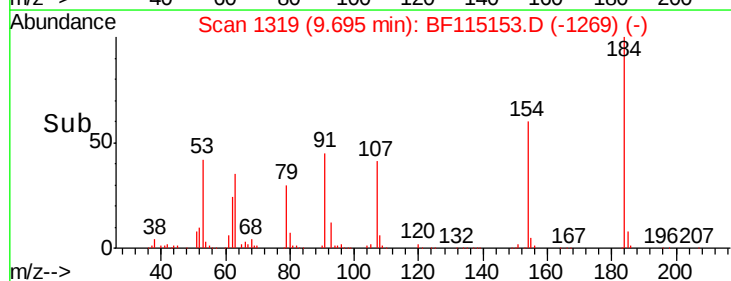
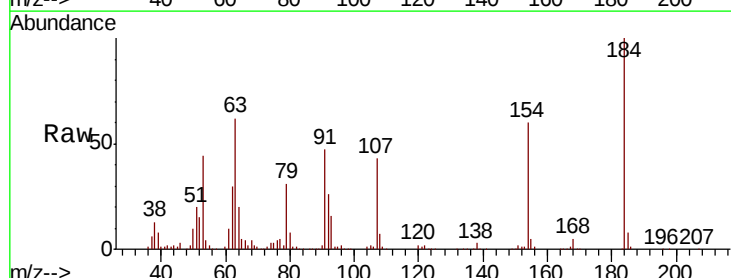
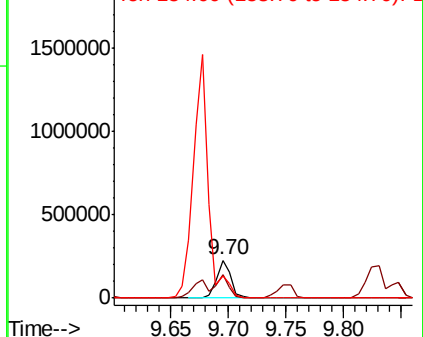
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

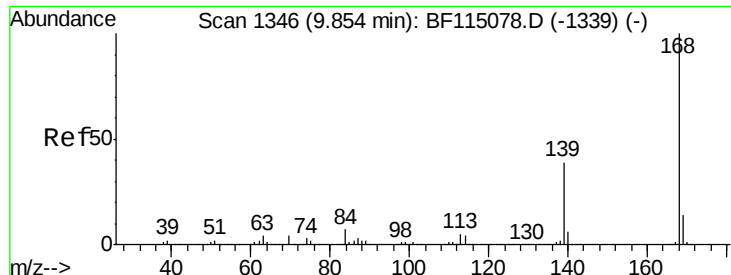


#54
2,4-Dinitrophenol
Concen: 45.023 ng
RT: 9.70 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	41.9	62.9
154	60.3	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





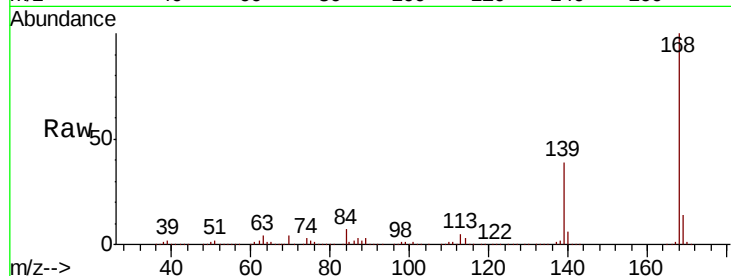
#55
Dibenzofuran
Concen: 38.550 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.1	46.7
169	14.3	11.3	16.9

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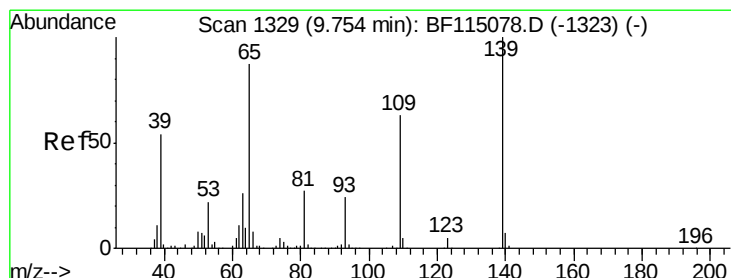
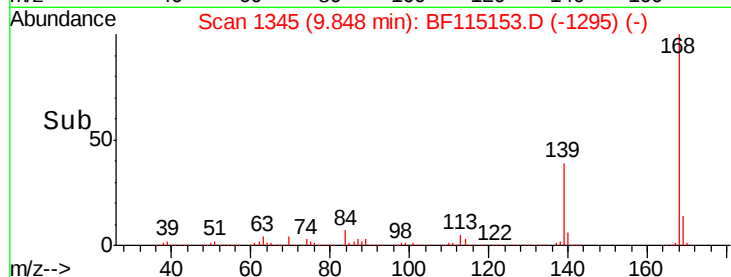
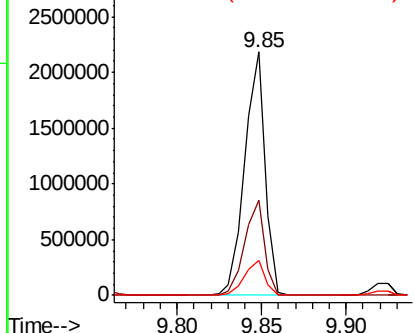


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 40.748 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

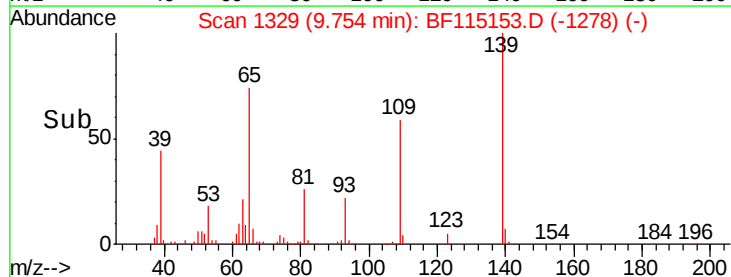
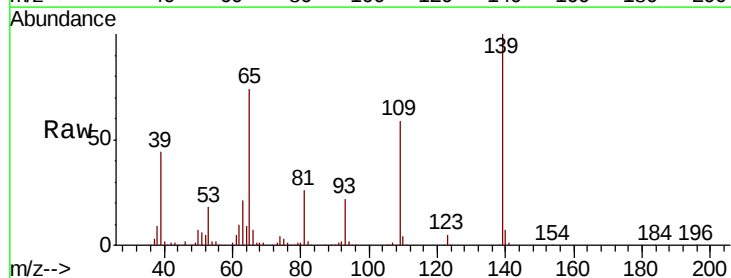
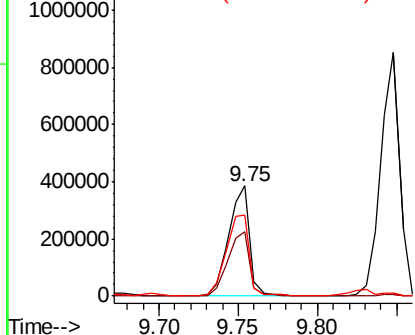
Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.9	43.0	83.0
65	74.2	67.0	107.0

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





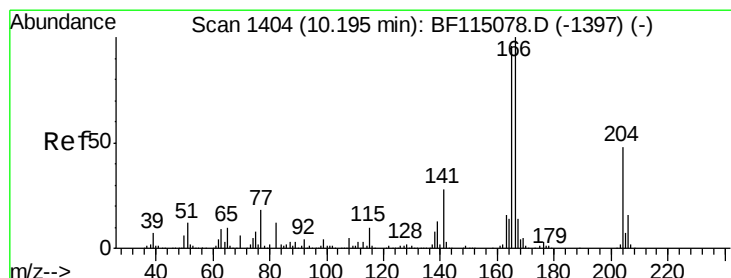
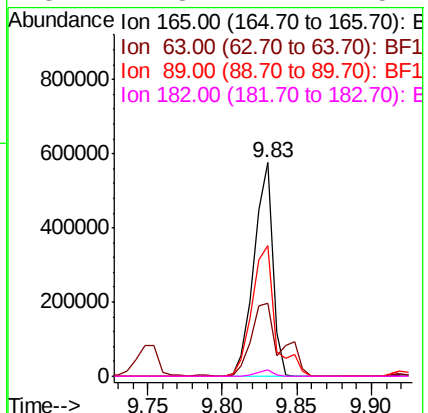
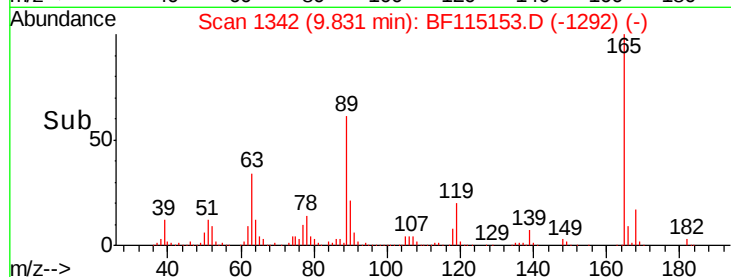
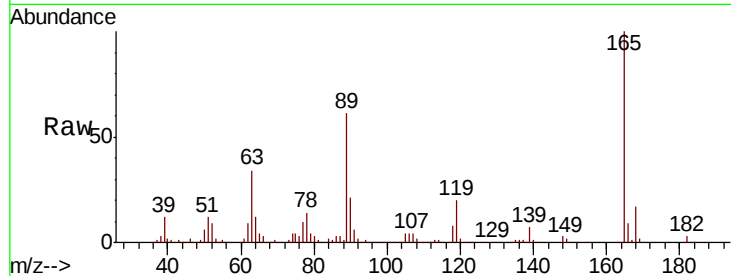
#57
2,4-Dinitrotoluene
Concen: 43.050 ng
RT: 9.83 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	496829		
63	34.3	27.5	41.3	
89	61.0	49.9	74.9	
182	2.8	2.1	3.1	

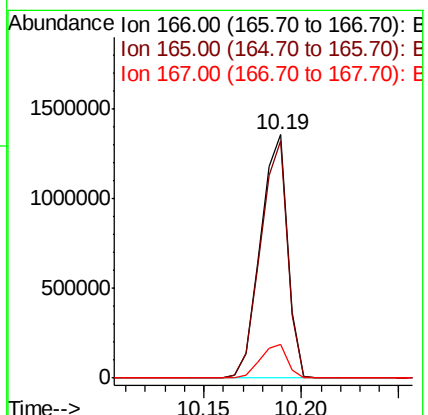
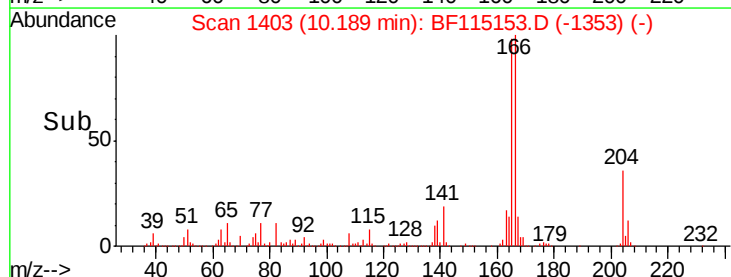
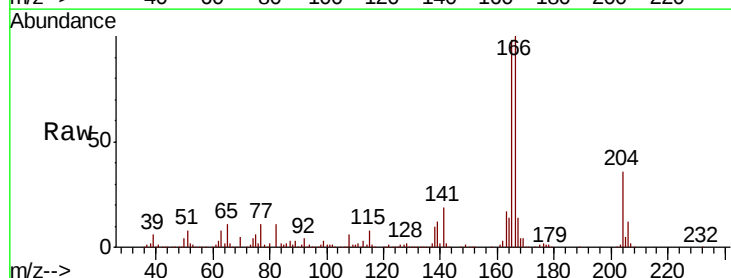
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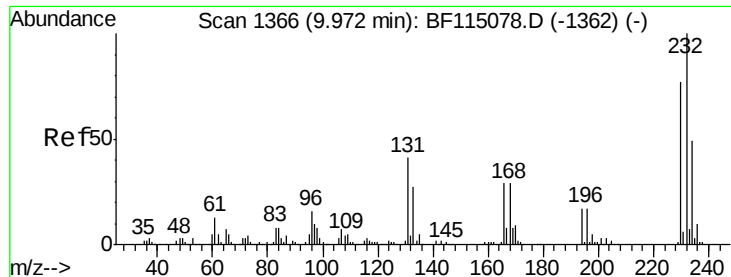
mohammad
6/28/2019 8:25:17 AM



#58
Fluorene
Concen: 40.363 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1305886		
165	97.7	76.5	114.7	
167	13.6	11.0	16.4	





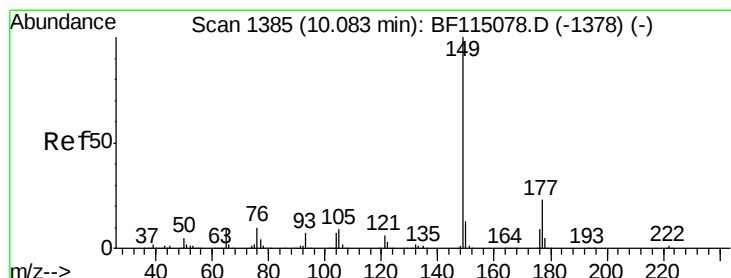
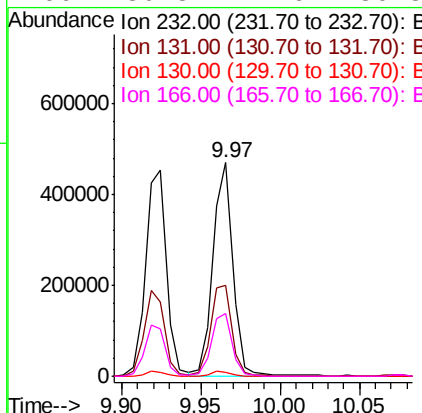
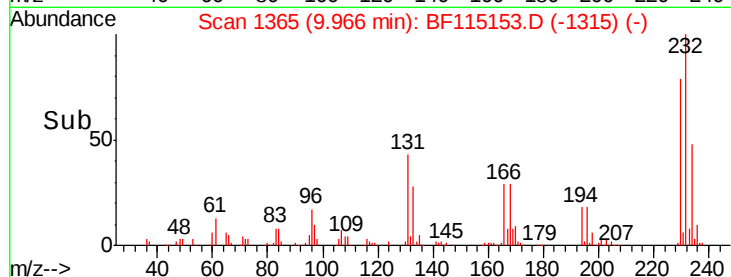
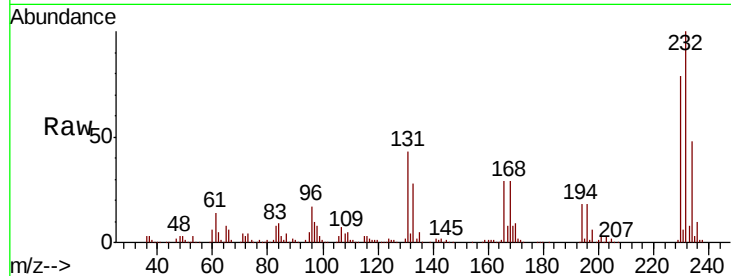
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.137 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.4	56.0
130	2.3	1.8	2.6
166	30.8	24.6	36.8

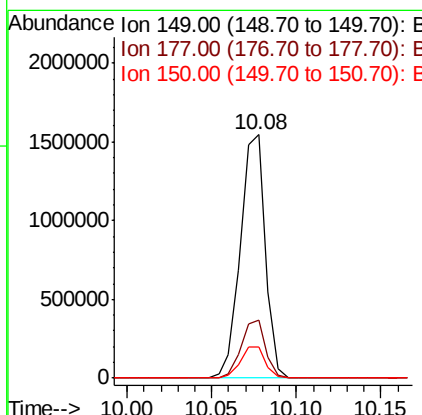
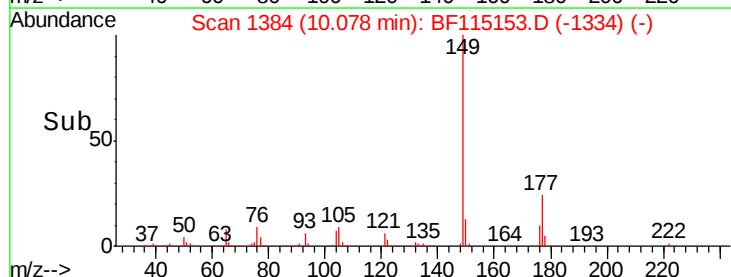
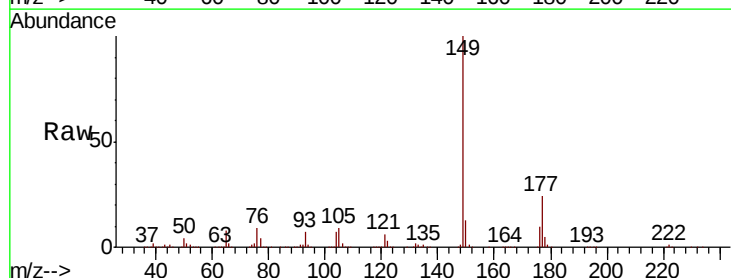
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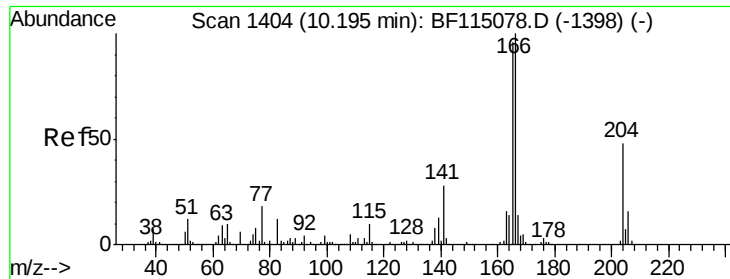
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#60
 Diethylphthalate
 Concen: 40.962 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.7	28.1
150	13.0	10.4	15.6





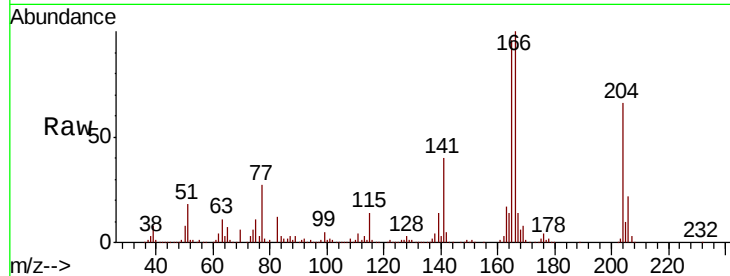
#61
4-Chlorophenyl-phenylether
Concen: 42.398 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	40.0
141	61.4	46.7	70.1

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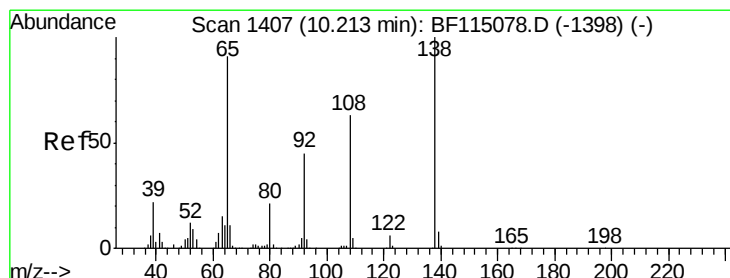
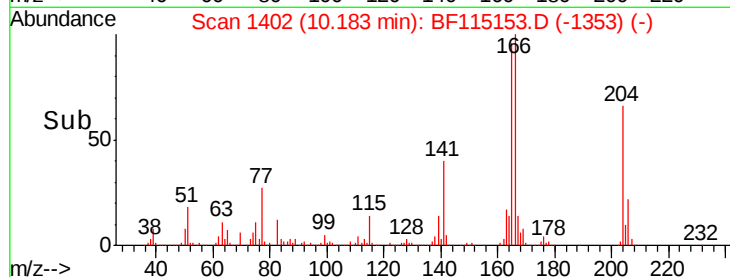
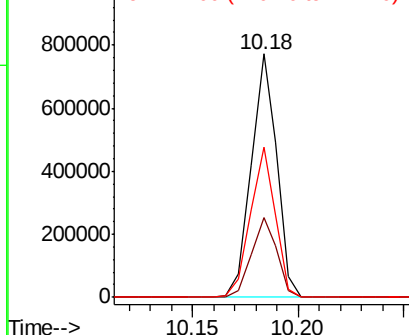


Abundance

Ion 204.00 (203.70 to 204.70): E

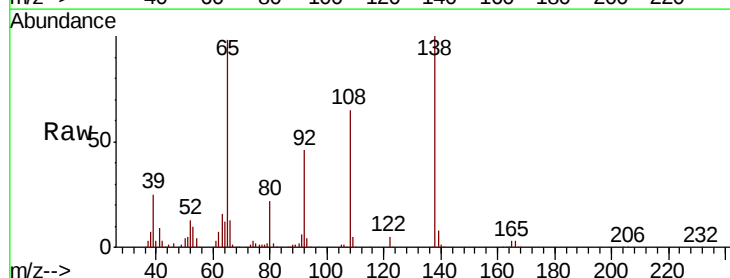
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.675 ng
RT: 10.20 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	24.8	64.8
108	64.9	43.3	83.3

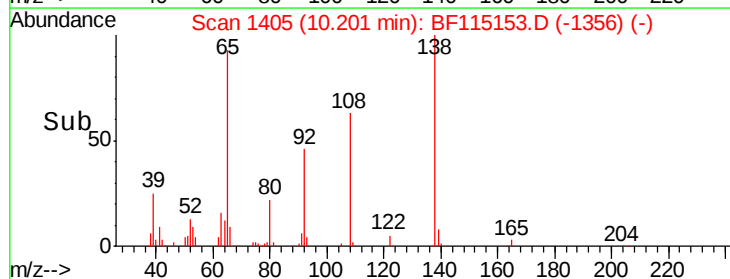
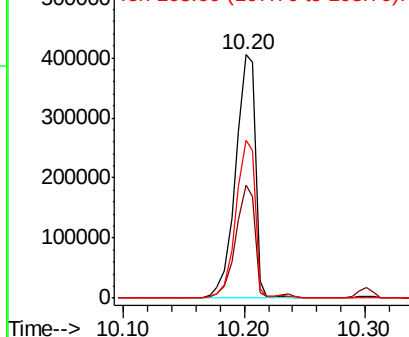


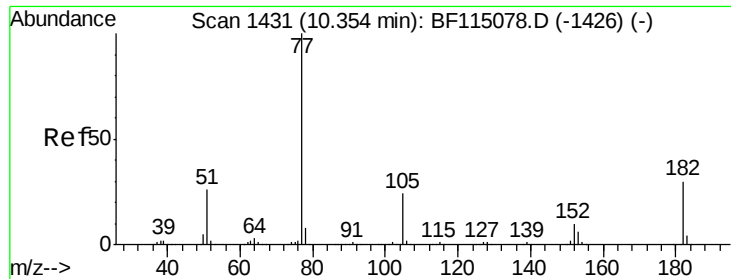
Abundance

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





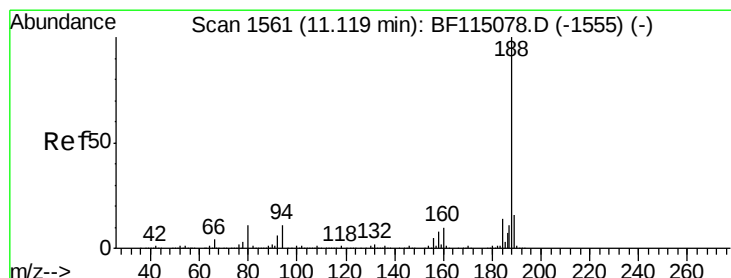
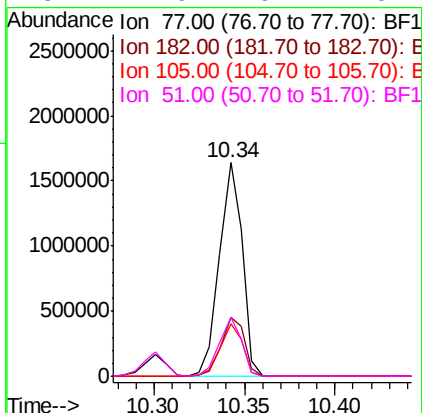
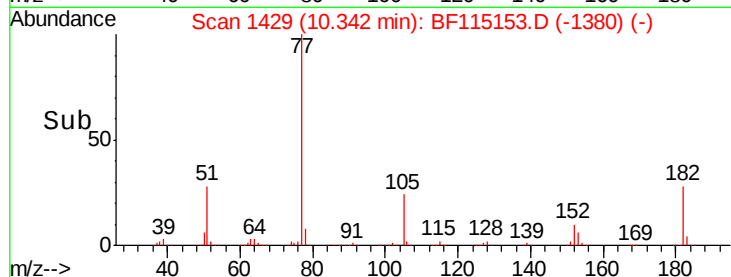
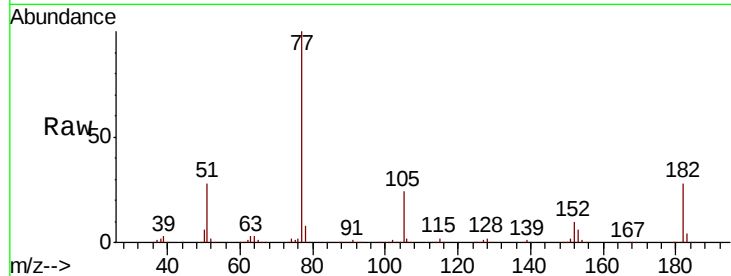
#63
Azobenzene
Concen: 39.675 ng
RT: 10.34 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.7	10.1	50.1
105	24.3	4.5	44.5
51	27.6	6.4	46.4

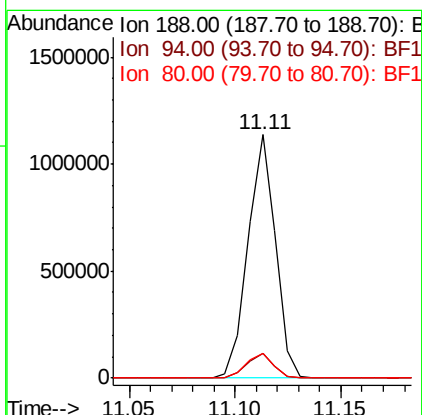
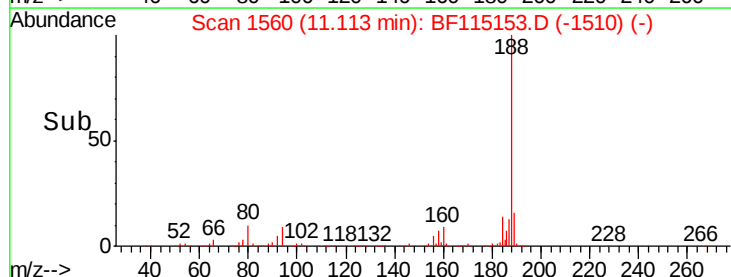
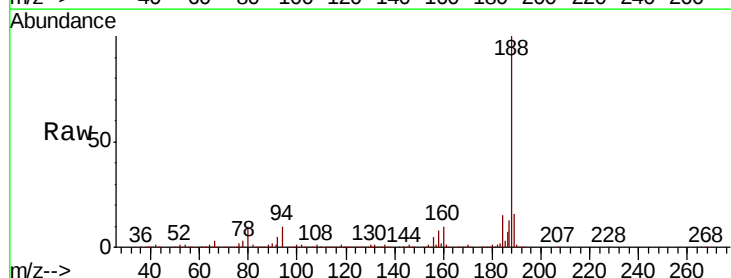
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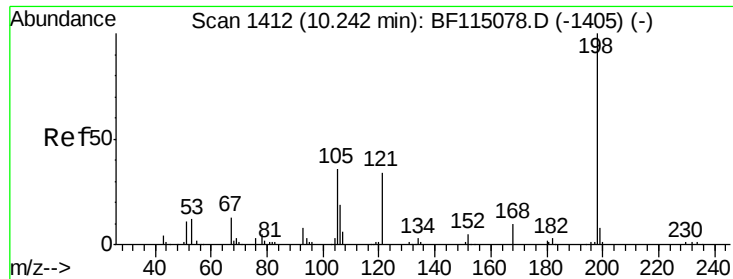
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.3	8.8	13.2





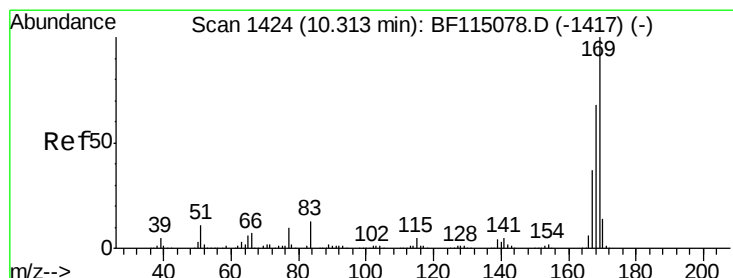
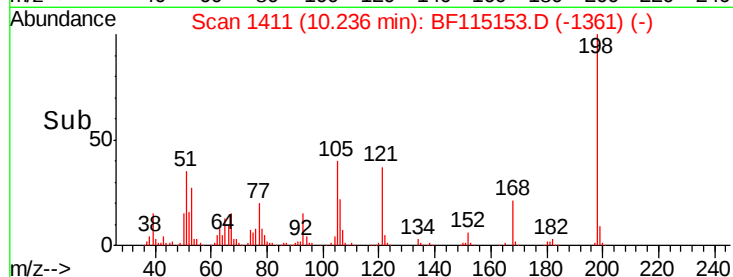
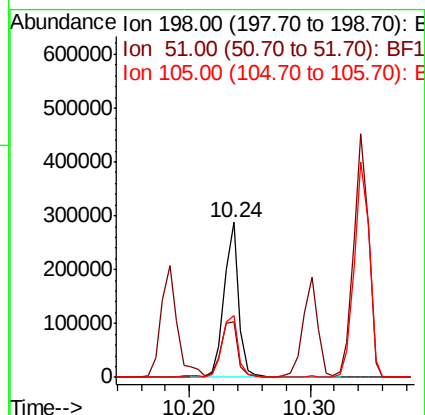
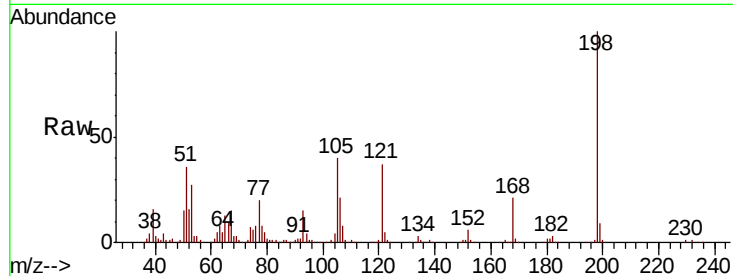
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.709 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.6	11.0	51.0
105	40.1	17.3	57.3

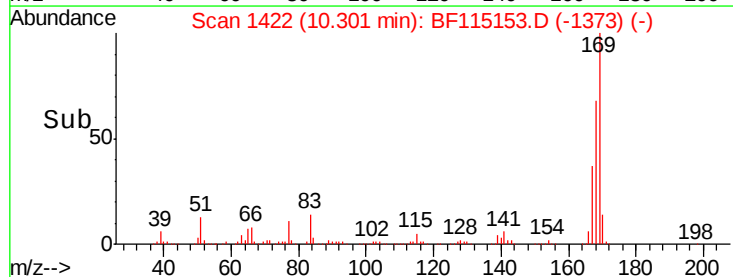
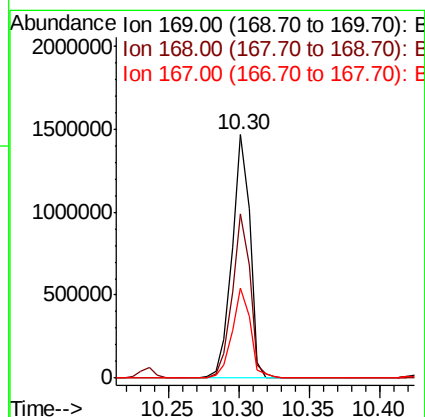
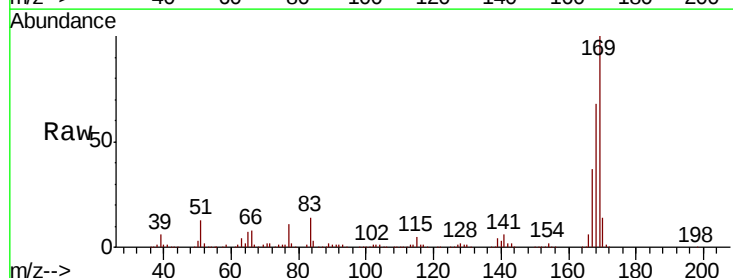
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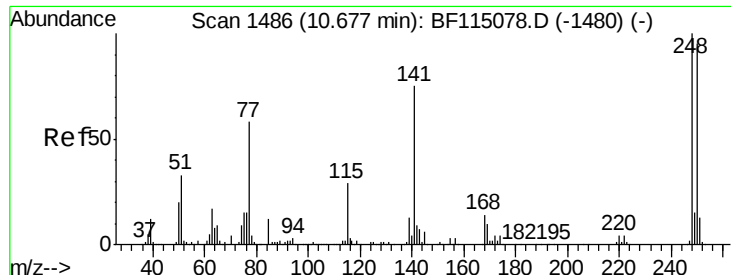
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 40.348 ng
 RT: 10.30 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.4
167	36.7	29.4	44.0





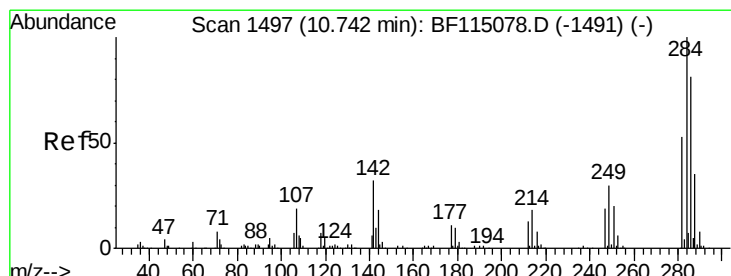
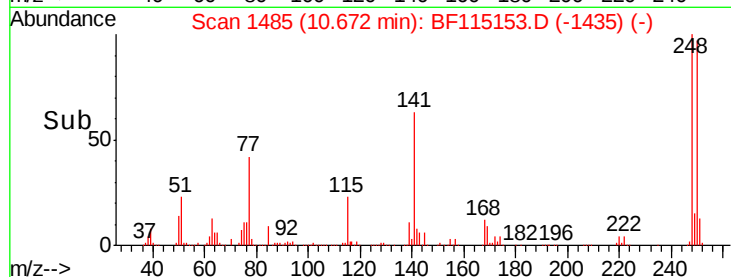
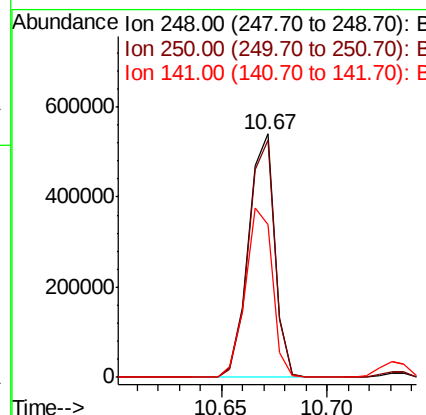
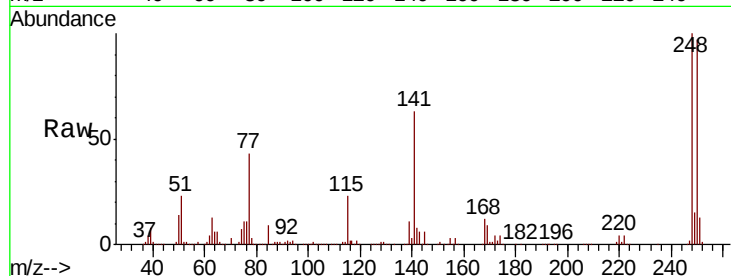
#67
 4-Bromophenyl-phenylether
 Concen: 41.886 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	467556
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.2	114.2
141	62.9	59.6	89.4

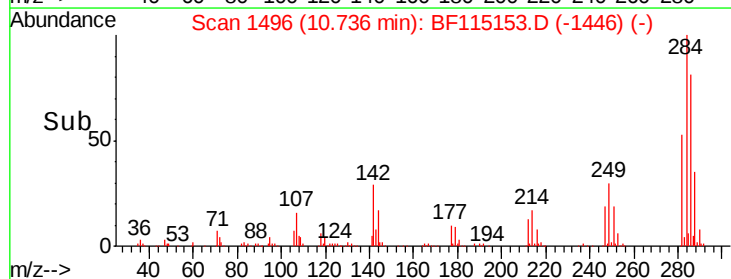
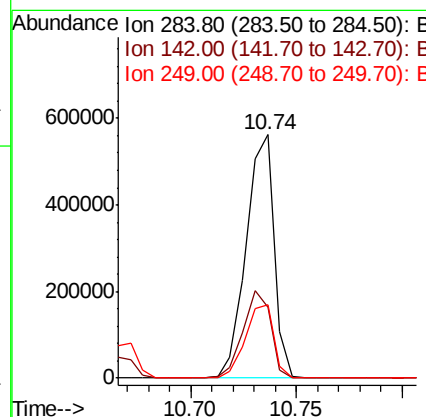
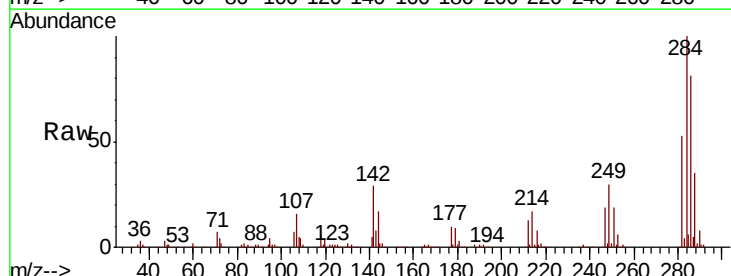
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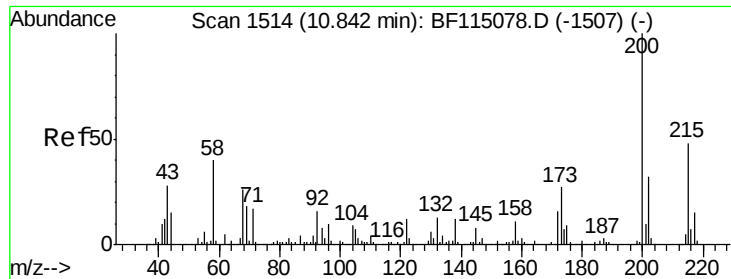
mohammad
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#68
 Hexachlorobenzene
 Concen: 42.534 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:	284	Resp:	515353
Ion Ratio	Lower	Upper	
284	100		
142	29.0	25.8	38.8
249	30.2	24.2	36.4





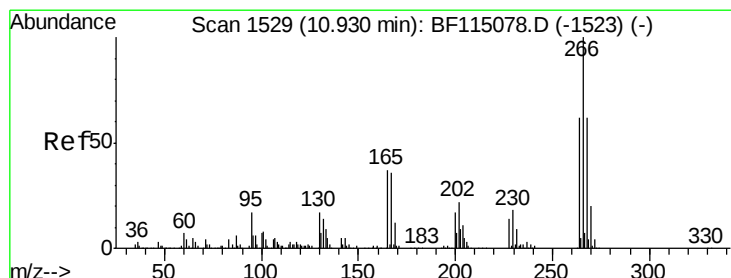
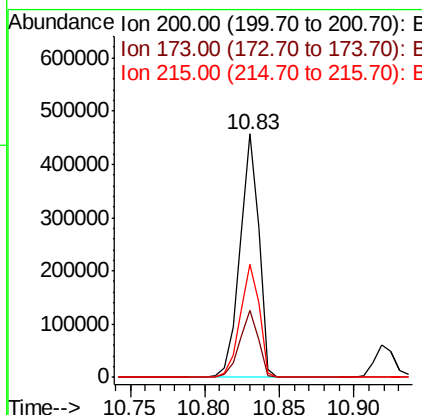
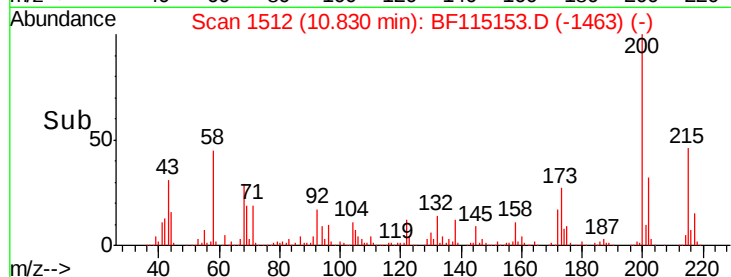
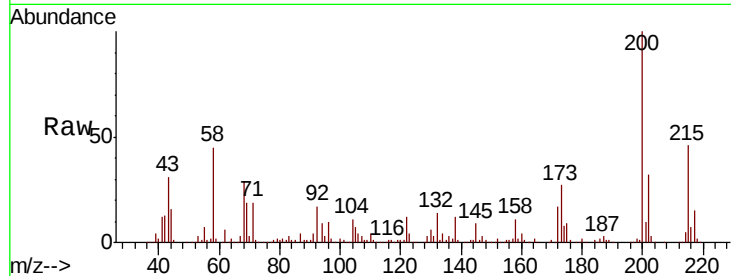
#69
Atrazine
Concen: 38.933 ng
RT: 10.83 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	46.4	27.8	67.8

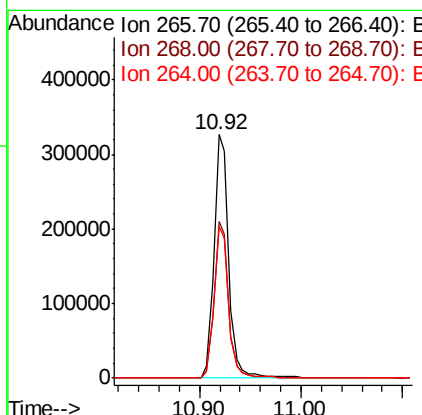
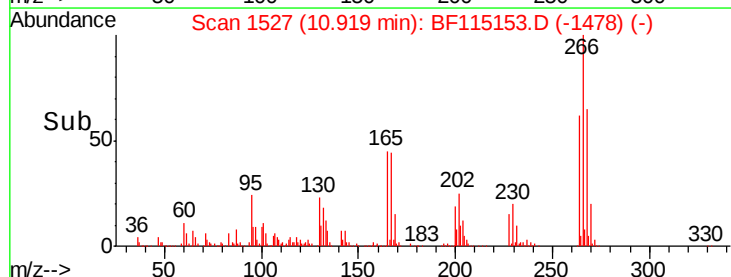
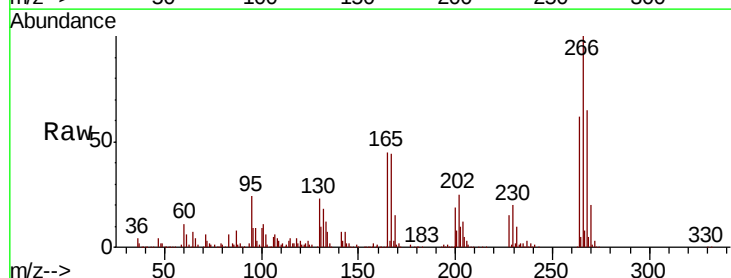
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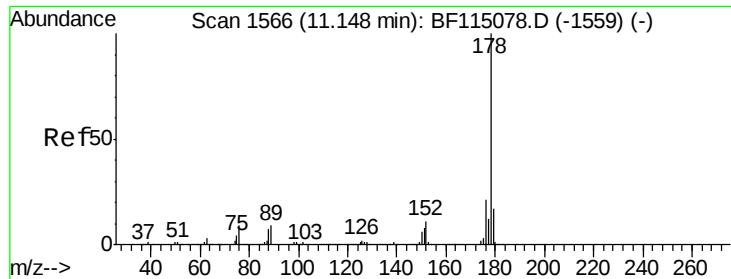
mohammad
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#70
Pentachlorophenol
Concen: 42.749 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.5	74.3
264	62.4	49.3	73.9





#71

Phenanthrene

Concen: 38.481 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2133126

Ion Ratio Lower Upper

178 100

176 21.1 16.9 25.3

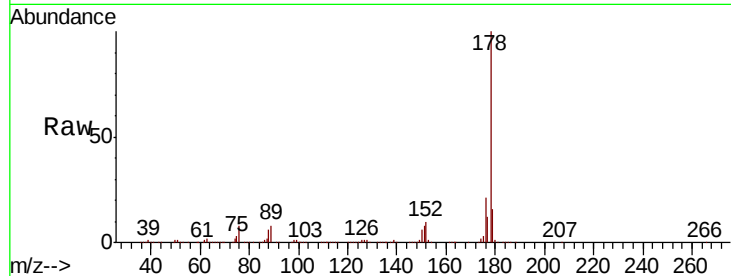
179 16.3 13.2 19.8

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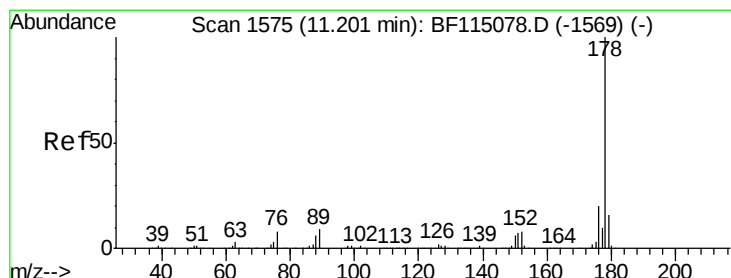
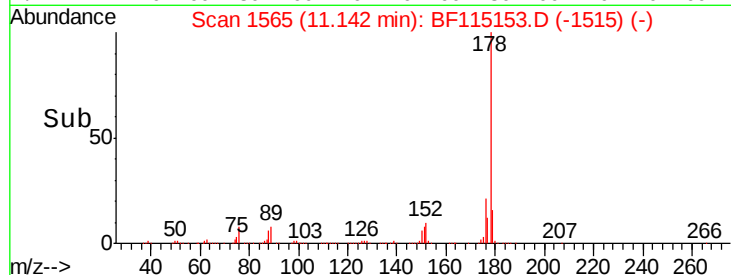
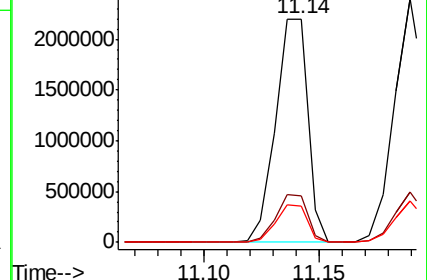
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.096 ng

RT: 11.19 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:178 Resp: 2187662

Ion Ratio Lower Upper

178 100

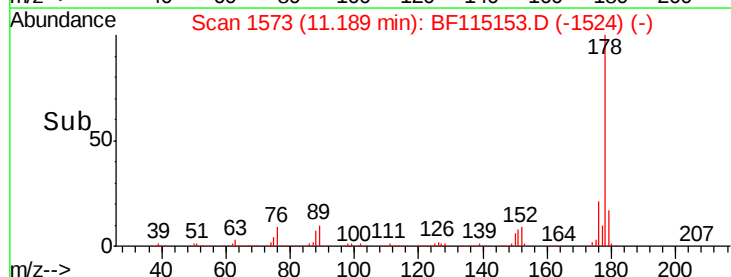
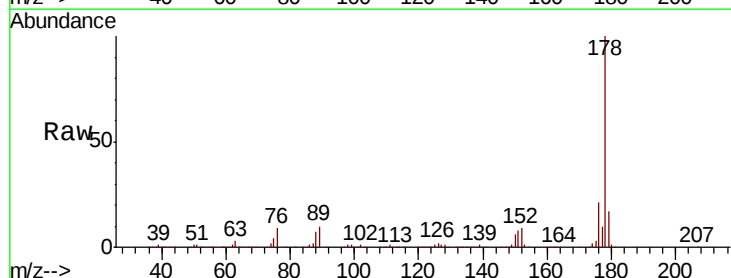
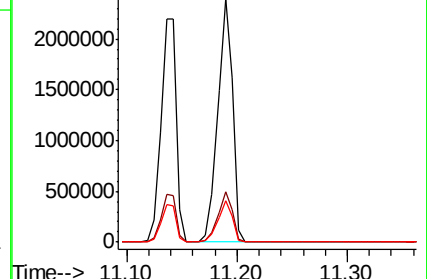
176 20.8 16.1 24.1

179 17.0 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





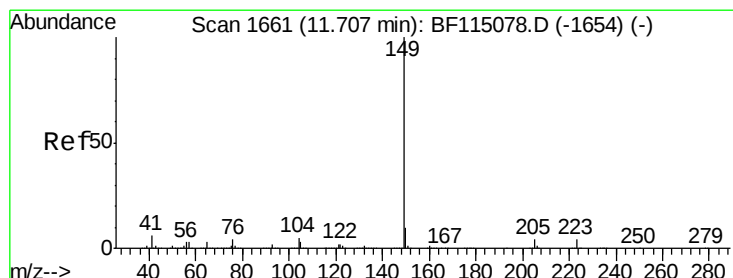
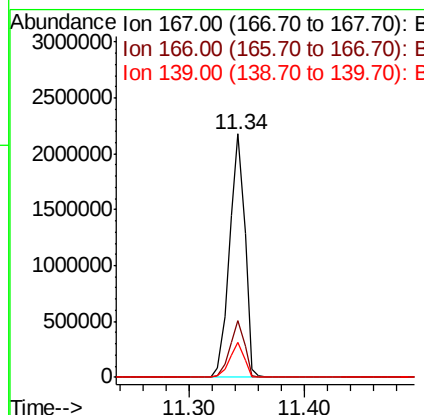
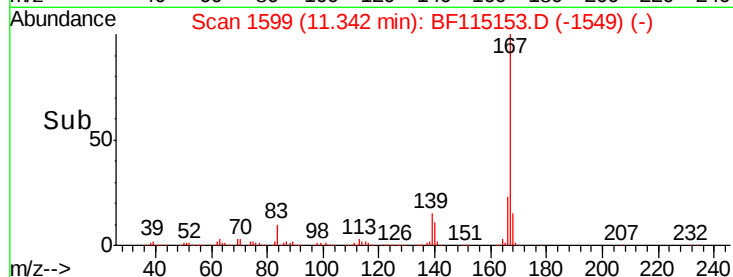
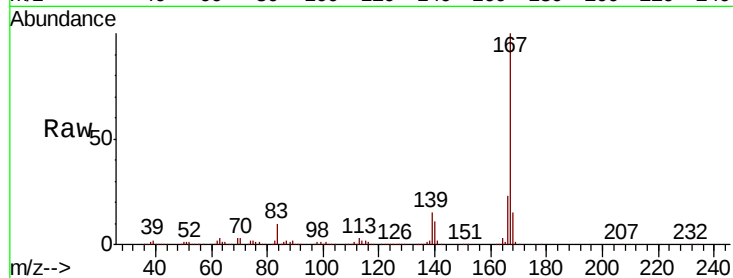
#73
 Carbazole
 Concen: 40.054 ng
 RT: 11.34 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.0	27.0
139	14.5	11.1	16.7

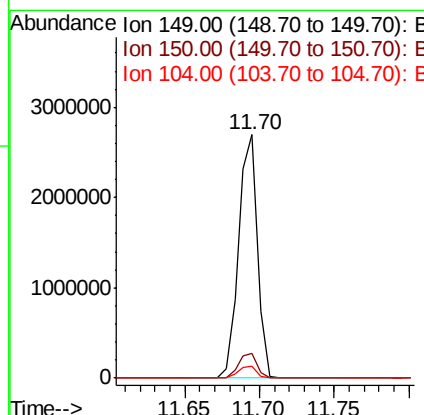
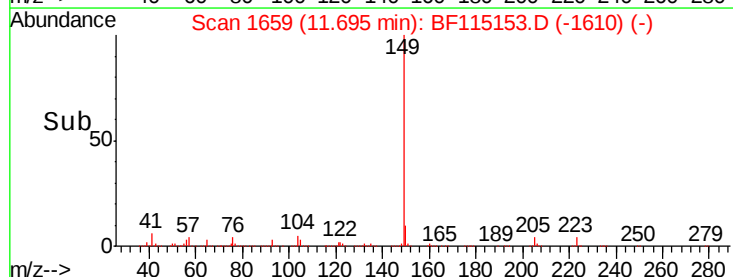
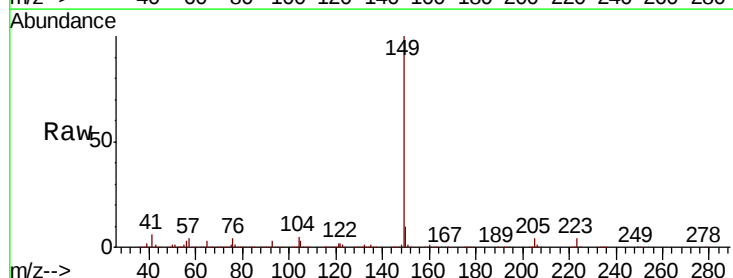
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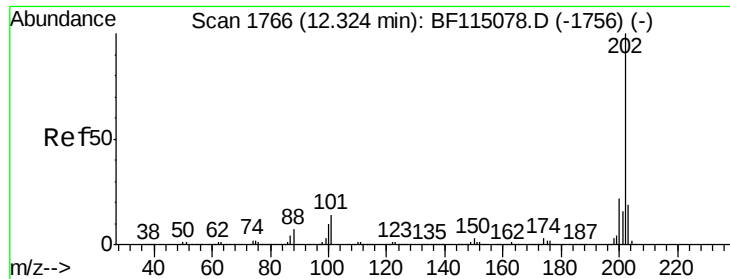
mohammad
 6/28/2019 8:25:17 AM



#74
 Di-n-butylphthalate
 Concen: 41.353 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.8
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 40.380 ng

RT: 12.32 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

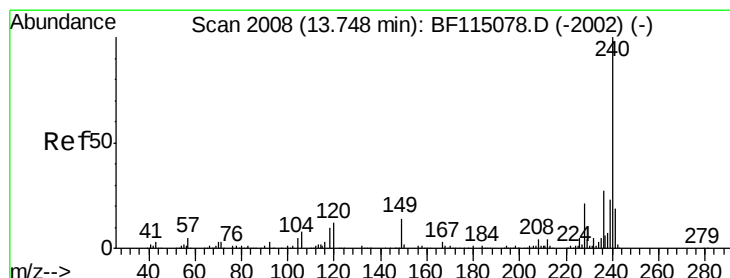
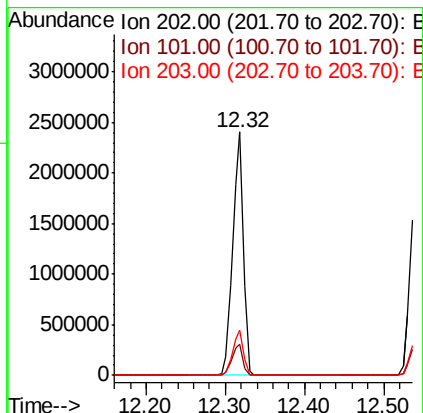
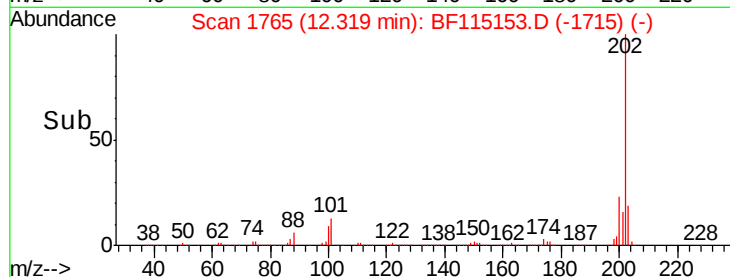
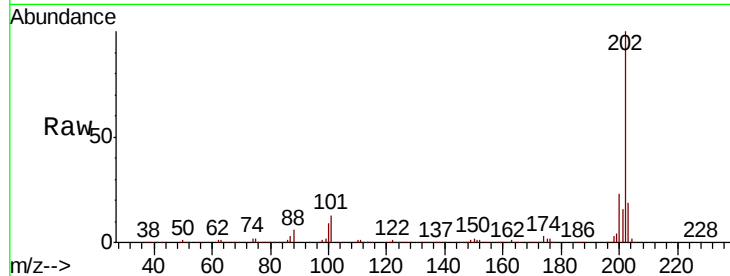
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	2233334
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.0
203	18.6	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

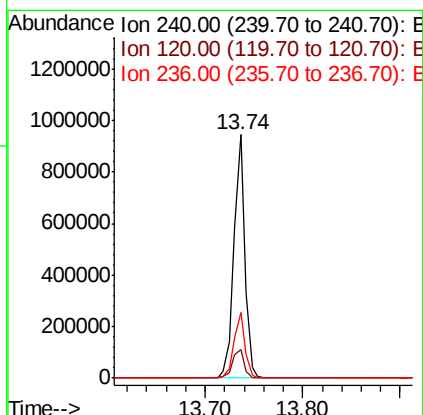
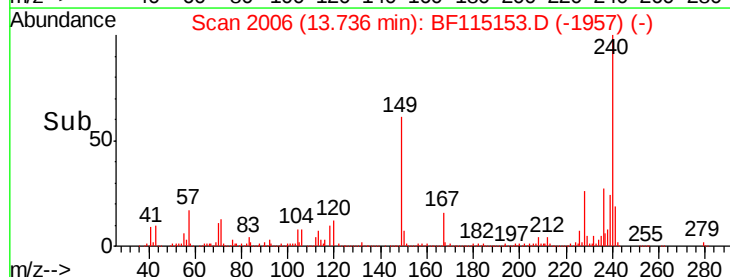
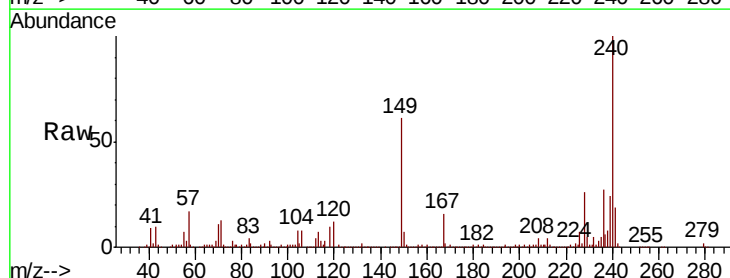
RT: 13.74 min Scan# 2006

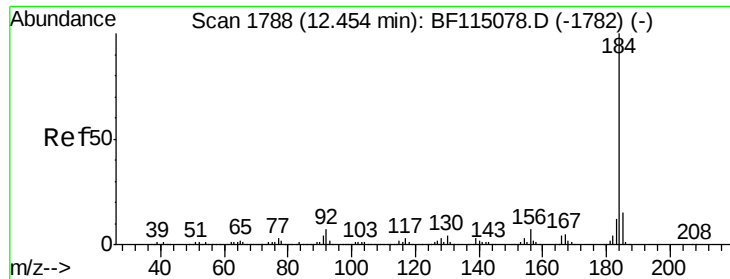
Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Tgt Ion:	240	Resp:	735290
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	27.0	21.7	32.5





#77

Benzidine

Concen: 35.796 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1168736

Ion Ratio Lower Upper

184 100

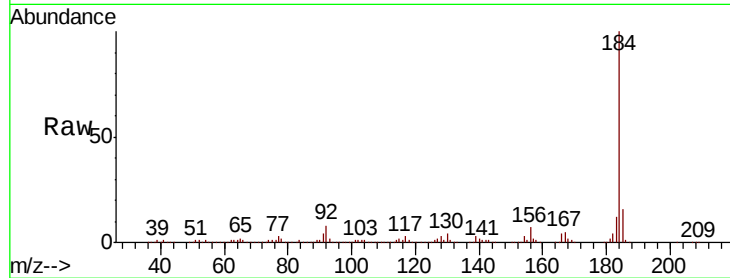
185 15.7 12.2 18.2

183 12.1 9.6 14.4

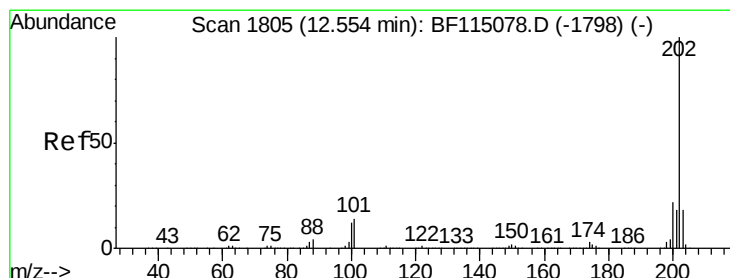
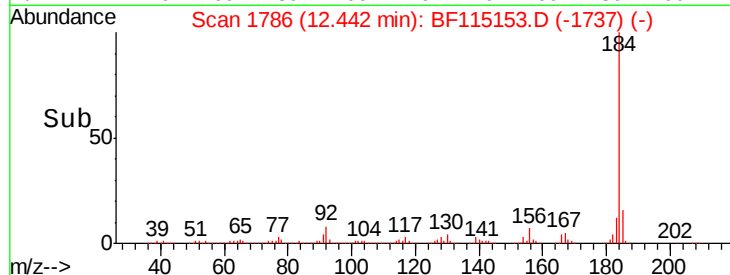
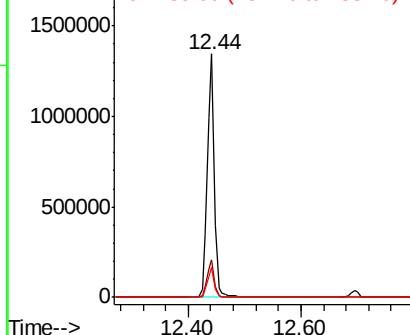
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.468 ng

RT: 12.54 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

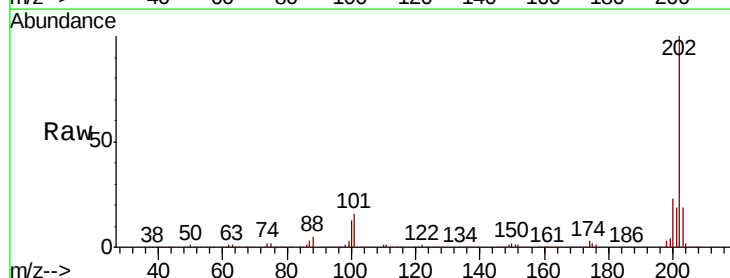
Tgt Ion:202 Resp: 2286768

Ion Ratio Lower Upper

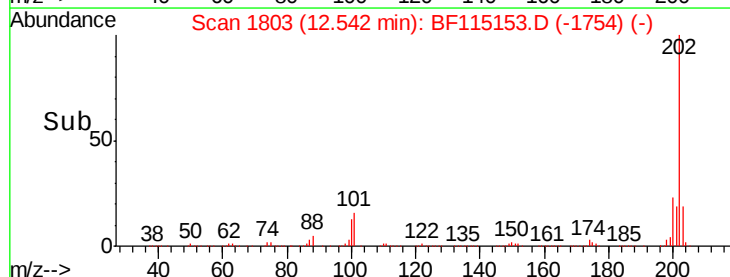
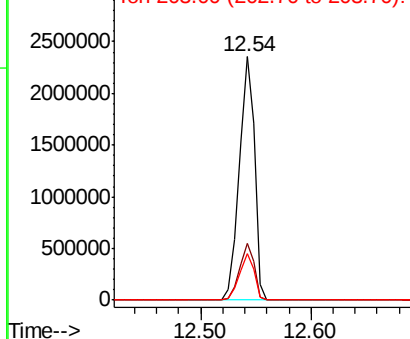
202 100

200 23.4 17.9 26.9

203 19.0 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





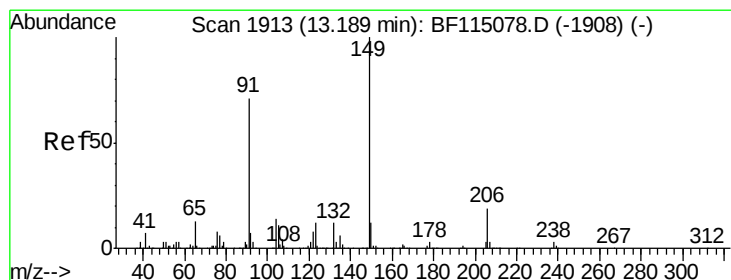
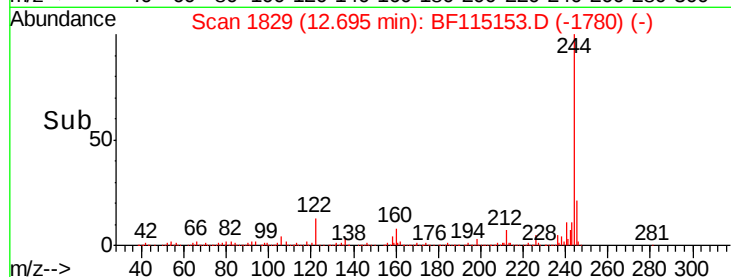
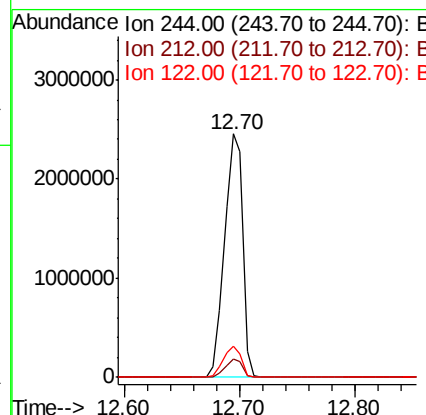
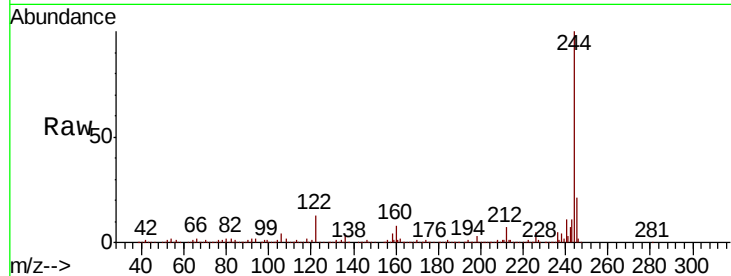
#79
 Terphenyl-d14
 Concen: 77.034 ng
 RT: 12.70 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 2664063
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 12.8 10.4 15.6

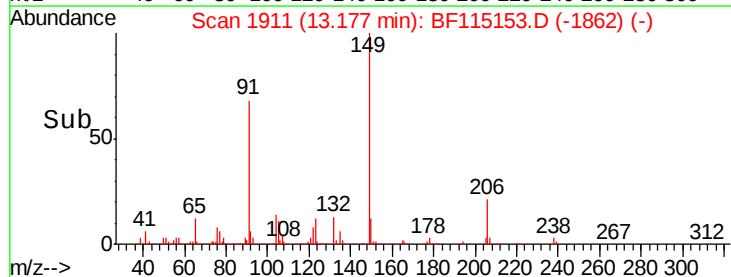
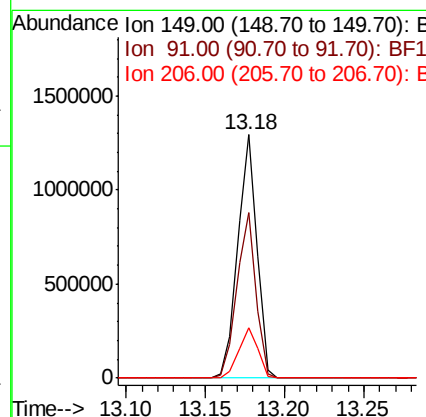
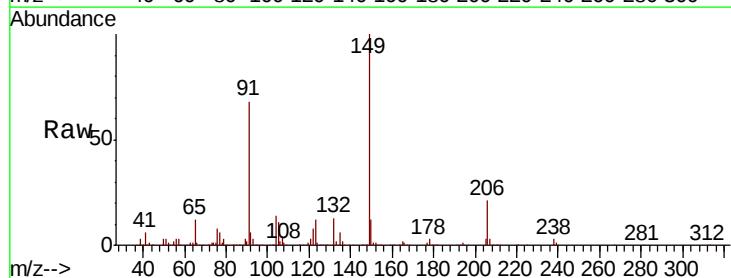
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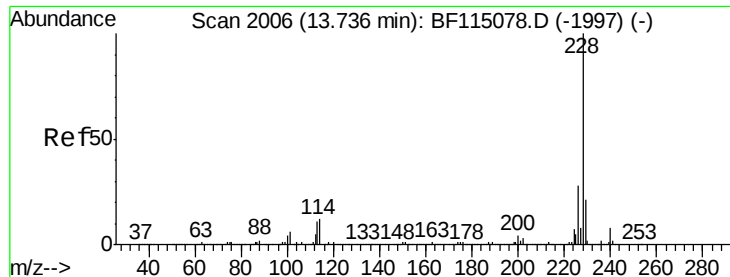
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#80
 Butylbenzylphthalate
 Concen: 43.625 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion:149 Resp: 1087900
 Ion Ratio Lower Upper
 149 100
 91 67.9 56.5 84.7
 206 20.6 15.3 22.9





#81

Benzo(a)anthracene

Concen: 41.148 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2170949

Ion Ratio Lower Upper

228 100

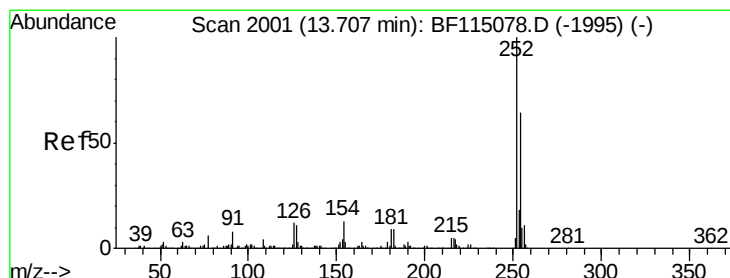
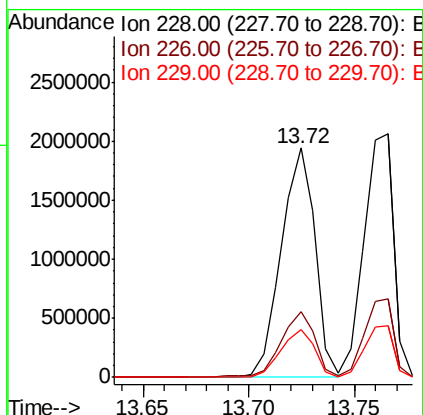
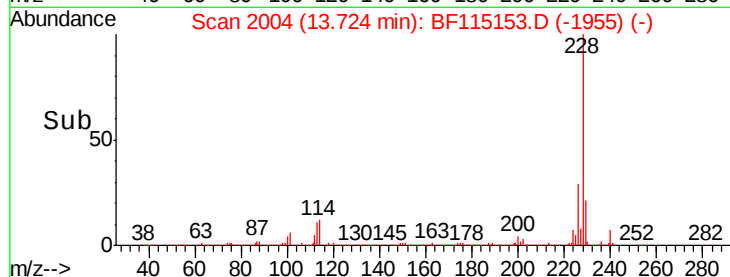
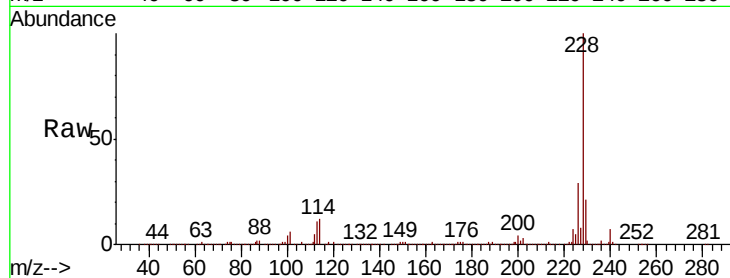
226 28.8 22.5 33.7

229 21.0 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 45.238 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

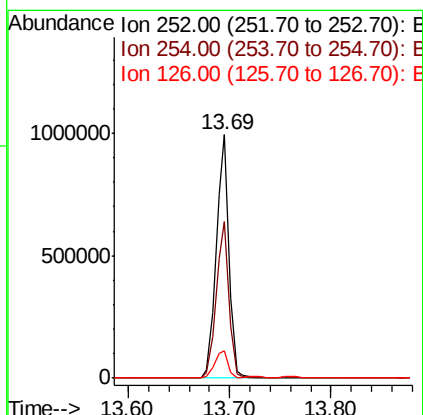
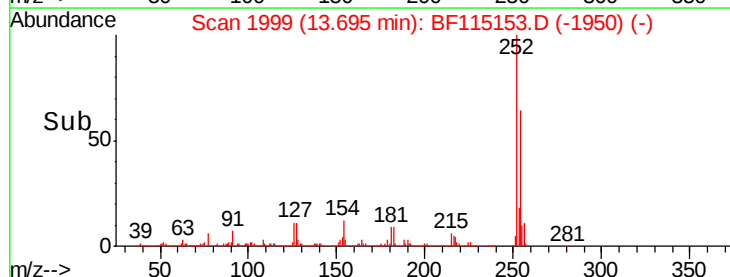
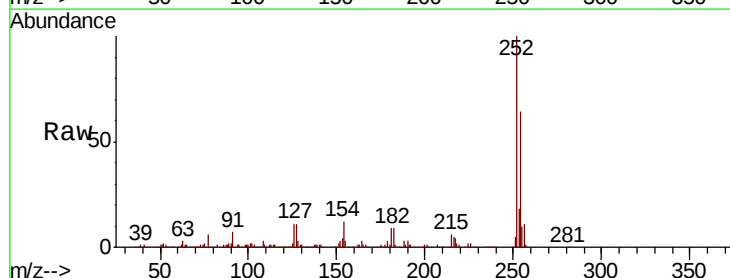
Tgt Ion:252 Resp: 861895

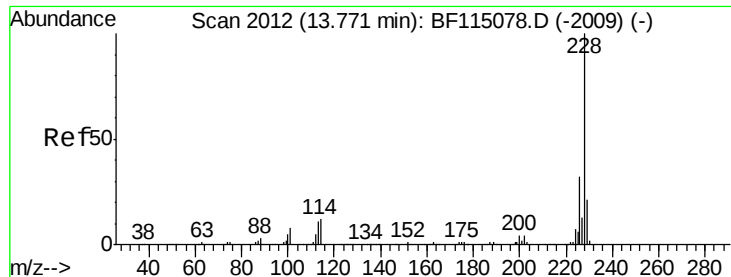
Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

126 11.1 9.4 14.0





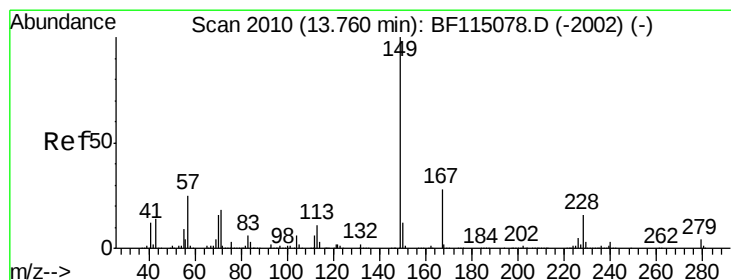
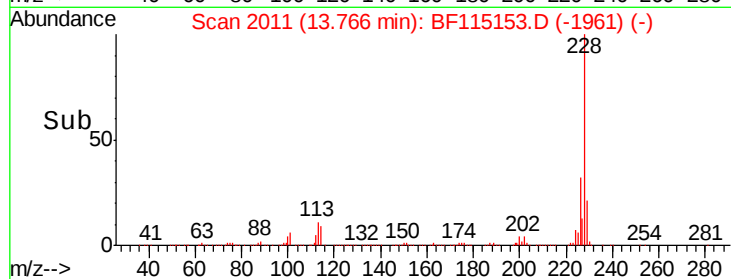
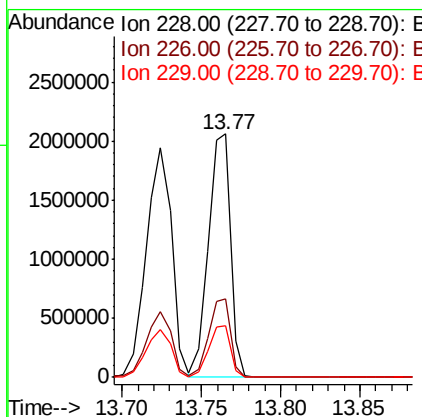
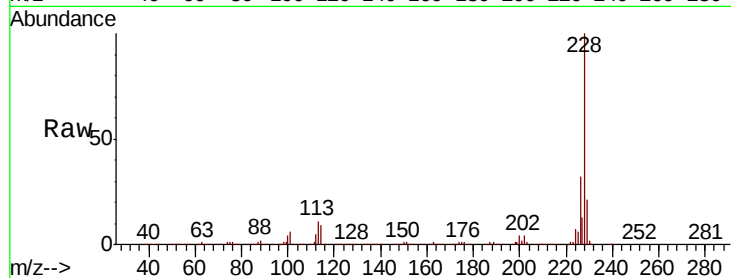
#83
 Chrysene
 Concen: 41.702 ng
 RT: 13.77 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	21.0	16.5	24.7

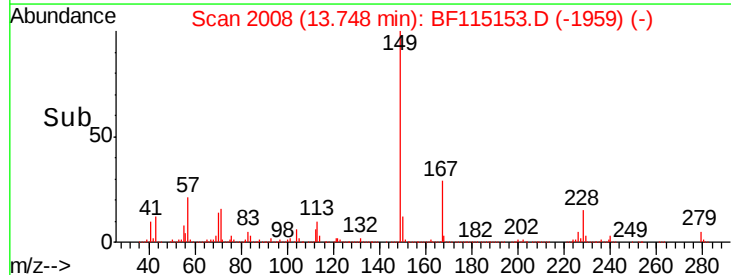
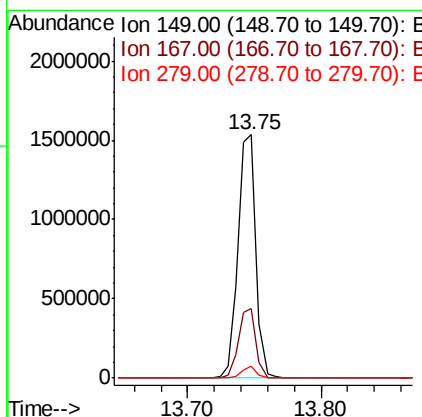
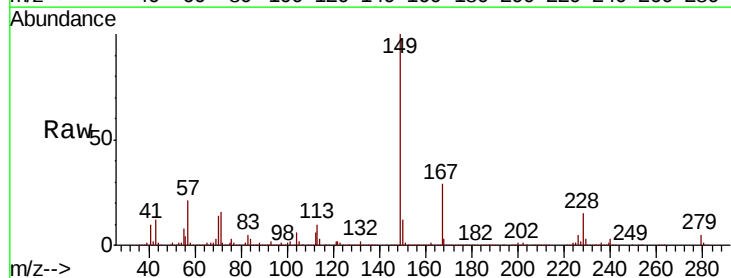
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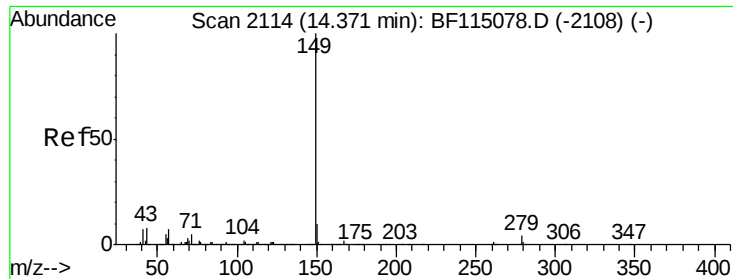
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.958 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF115153.D
 Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.4
279	4.8	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 44.596 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115153.D

Acq: 24 Jun 2019 18:03

Instrument :

BNA_F

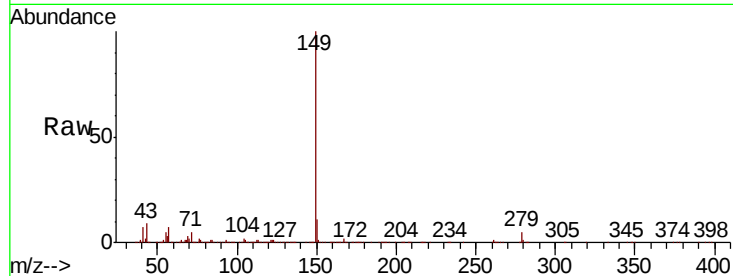
ClientSampleId :

SSTDCCC040

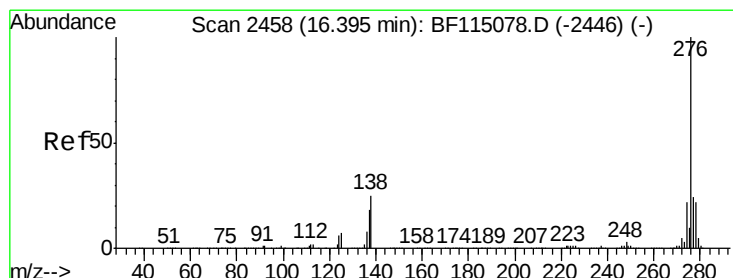
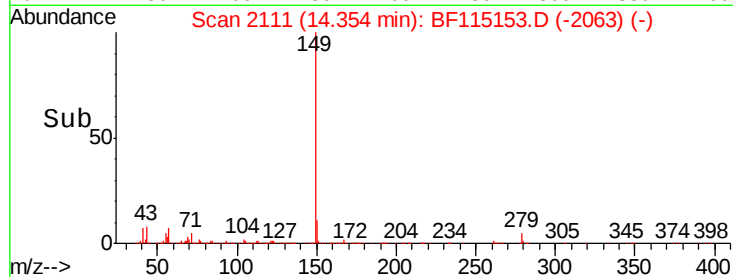
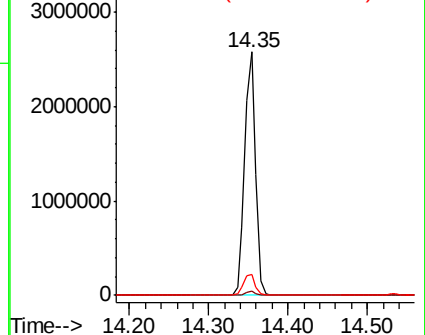
Tot Ion:	149	Resp:	2448344
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.0	7.0	10.6

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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: 43.758 ng

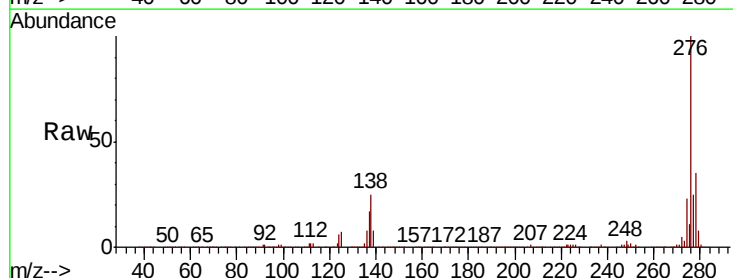
RT: 16.38 min Scan# 2455

Delta R.T. -0.02 min

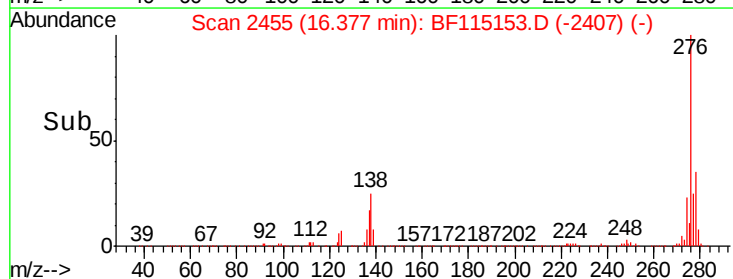
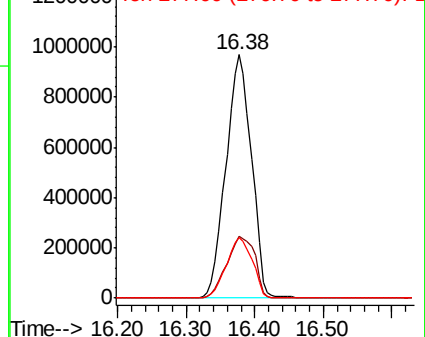
Lab File: BF115153.D

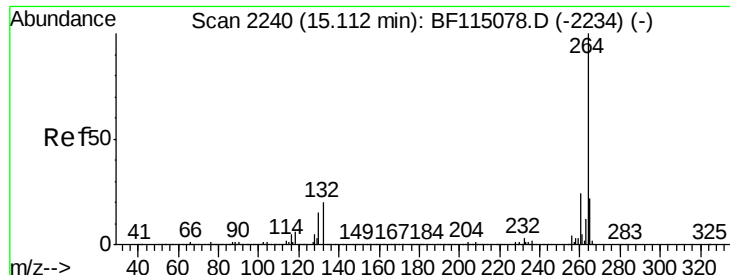
Acq: 24 Jun 2019 18:03

Tgt Ion:	276	Resp:	2502401
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





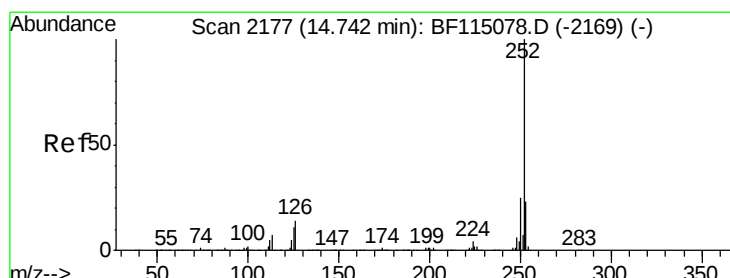
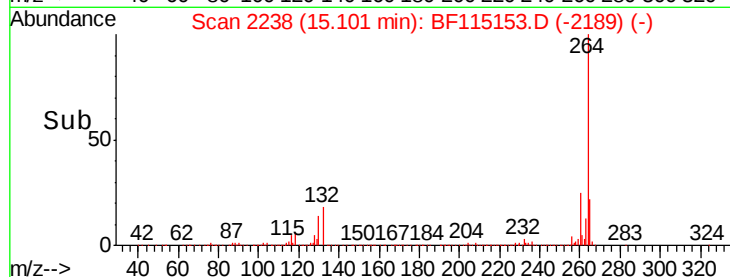
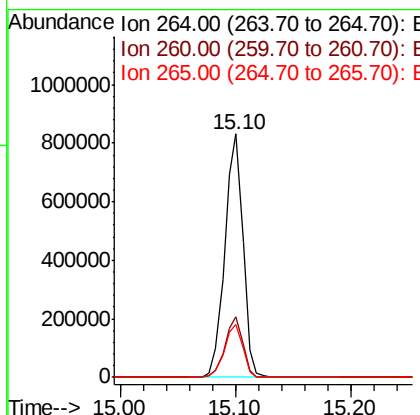
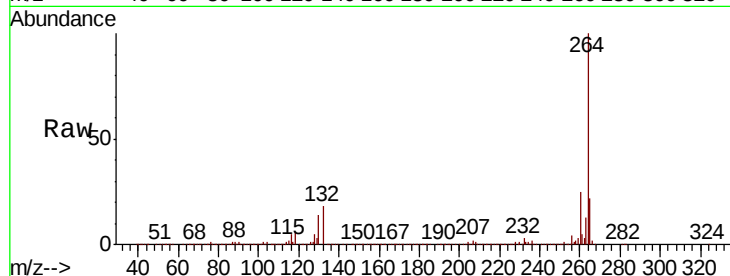
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.9	17.3	25.9

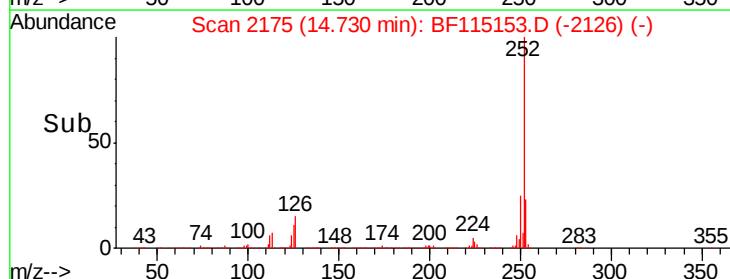
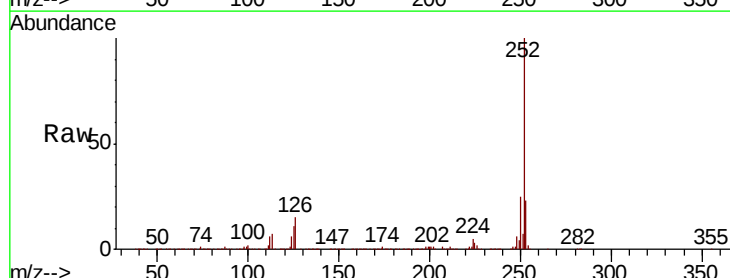
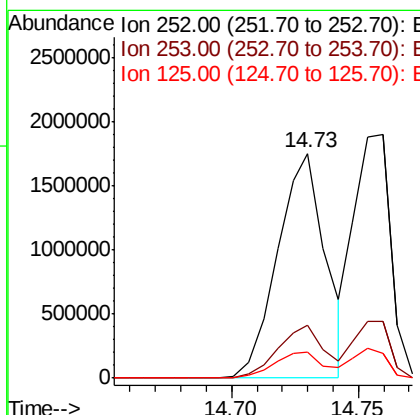
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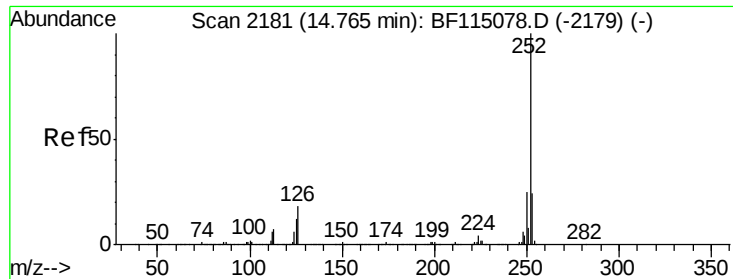
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#88
Benzo(b)fluoranthene
Concen: 40.893 ng
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.3	8.7	13.1





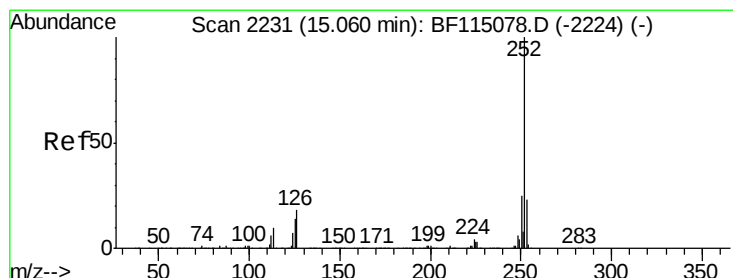
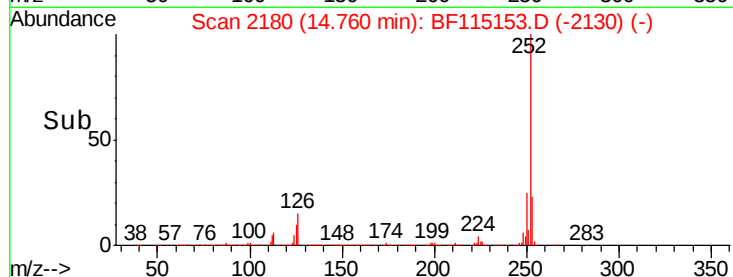
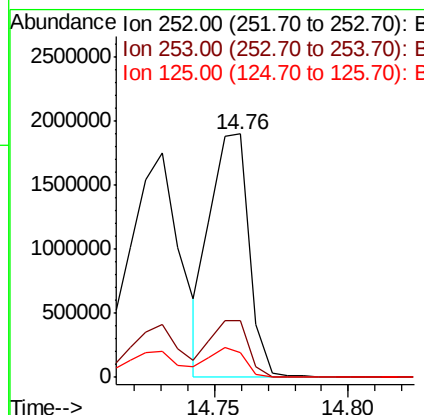
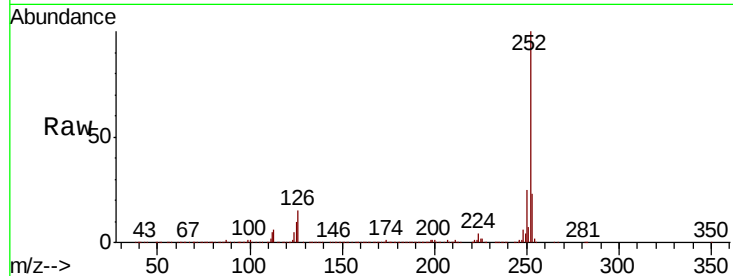
#89
Benzo(k)fluoranthene
Concen: 38.151 ng m
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1931038
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 10.0 10.2 15.2#

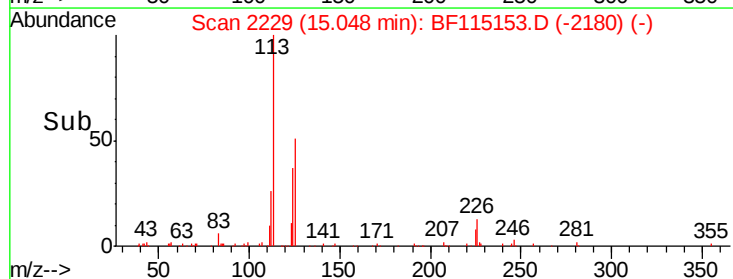
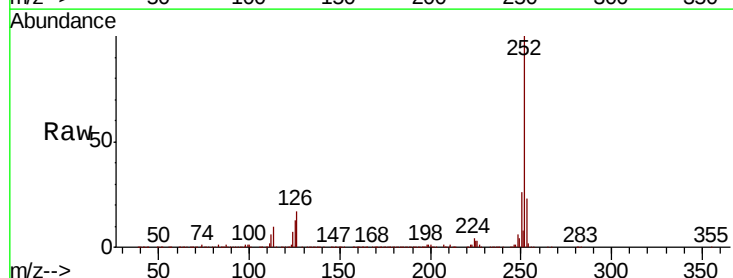
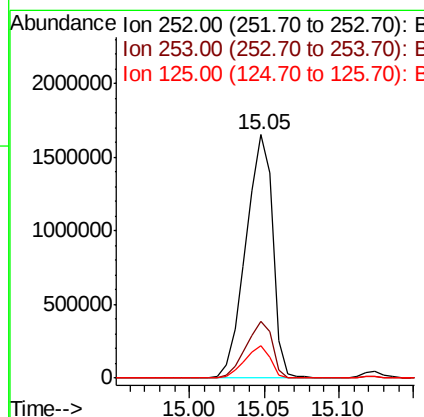
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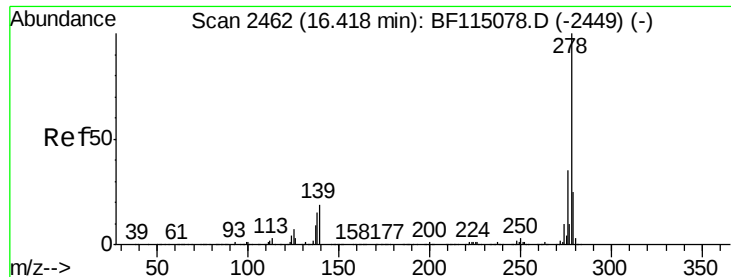
mohammad
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#90
Benzo(a)pyrene
Concen: 40.478 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion:252 Resp: 2059141
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 13.1 10.9 16.3





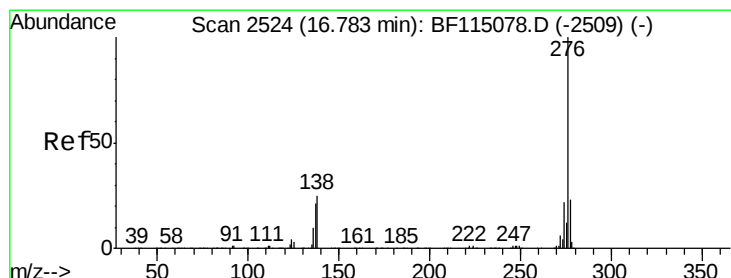
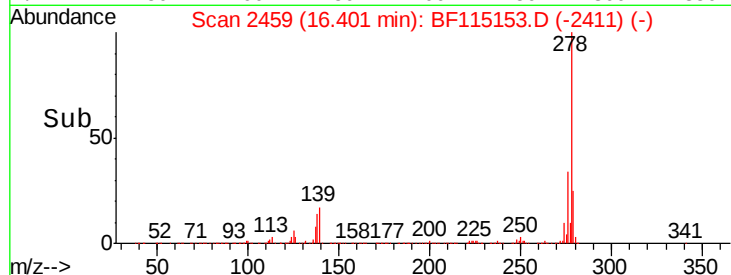
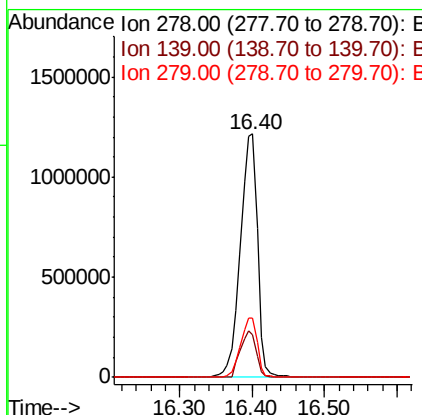
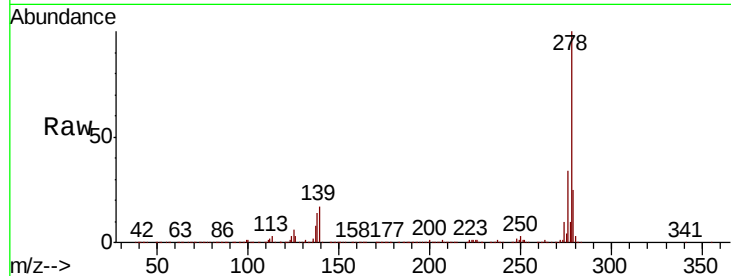
#91
Dibenzo(a,h)anthracene
Concen: 42.278 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	17.5	15.4	23.2	
279	24.5	19.9	29.9	

Manual Integrations
APPROVED

mohammad
6/28/2019 8:25:17 AM



#92
Benzo(g,h,i)perylene
Concen: 41.728 ng
RT: 16.76 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF115153.D
Acq: 24 Jun 2019 18:03

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.0	18.6	28.0	
138	24.4	19.8	29.6	

