

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
 Data File : BF115241.D
 Acq On : 27 Jun 2019 18:38
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 6/28/2019 2:58:30 PM

Quant Time: Jun 28 05:59:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	230399	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	930856	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	457274	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	894150	20.00	ng	0.00
76) Chrysene-d12	13.72	240	635640	20.00	ng	0.00
87) Perylene-d12	15.08	264	743385	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1209767	81.03	ng	0.00
7) Phenol-d6	6.24	99	1325752	73.16	ng	0.00
23) Nitrobenzene-d5	7.17	82	1177201	77.80	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	413415	85.73	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2185213	81.17	ng	0.00
79) Terphenyl-d14	12.68	244	2439417	81.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	268572	38.115	ng	98
3) Pyridine	2.80	79	759678	38.251	ng	99
4) n-Nitrosodimethylamine	2.74	42	288994	37.119	ng	98
6) Aniline	6.26	93	889201	35.703	ng	99
8) 2-Chlorophenol	6.38	128	635702	37.866	ng	97
9) Benzaldehyde	6.14	77	412023	34.850	ng	100
10) Phenol	6.25	94	761021	35.851	ng	92
11) bis(2-Chloroethyl)ether	6.34	93	584342	37.344	ng	97
12) 1,3-Dichlorobenzene	6.54	146	709762	38.094	ng	98
13) 1,4-Dichlorobenzene	6.62	146	725816	38.848	ng	98
14) 1,2-Dichlorobenzene	6.77	146	665698	38.475	ng	98
15) Benzyl Alcohol	6.74	79	485340	36.780	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	840410	37.031	ng	98
17) 2-Methylphenol	6.86	107	505905	36.508	ng	98
18) Hexachloroethane	7.11	117	259801	38.571	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	408074	35.173	ng	98
20) 3+4-Methylphenols	7.02	107	595970	37.246	ng	# 84
22) Acetophenone	7.01	105	804510	37.752	ng	# 97
24) Nitrobenzene	7.18	77	643661	38.610	ng	94
25) Isophorone	7.42	82	1153330	37.206	ng	99
26) 2-Nitrophenol	7.50	139	354064	43.007	ng	96
27) 2,4-Dimethylphenol	7.54	122	514417	38.163	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	748103	38.183	ng	99
29) 2,4-Dichlorophenol	7.74	162	547367	39.349	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	611614	39.805	ng	99
31) Naphthalene	7.90	128	1807222	39.551	ng	100
32) Benzoic acid	7.67	122	326556	33.939	ng	98
33) 4-Chloroaniline	7.95	127	792253	37.938	ng	98
34) Hexachlorobutadiene	8.03	225	349582	41.517	ng	99
35) Caprolactam	8.32	113	169724	36.290	ng	97
36) 4-Chloro-3-methylphenol	8.44	107	537165	38.130	ng	100
37) 2-Methylnaphthalene	8.60	142	1203050	39.049	ng	98
38) 1-Methylnaphthalene	8.69	142	1149996	39.083	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	527388	40.814	ng	99

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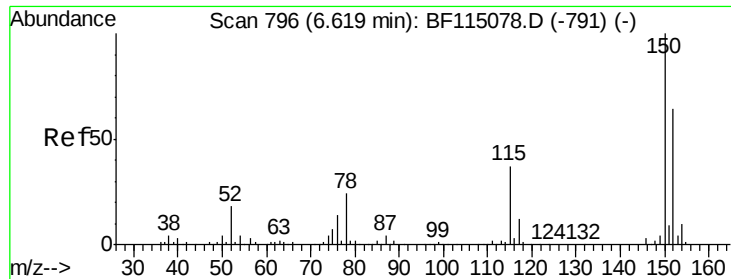
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	299664	39.110	nq	99
43) 2,4,6-Trichlorophenol	8.87	196	397373	39.833	nq	100
44) 2,4,5-Trichlorophenol	8.91	196	421821	41.059	nq	97
46) 1,1'-Biphenyl	9.05	154	1409993	38.537	nq	99
47) 2-Chloronaphthalene	9.08	162	1173634	39.544	nq	98
48) 2-Nitroaniline	9.17	65	339707	39.261	nq	88
49) Acenaphthylene	9.49	152	1813052	39.209	nq	99
50) Dimethylphthalate	9.36	163	1337047	39.743	nq	100
51) 2,6-Dinitrotoluene	9.41	165	310835	40.020	nq	100
52) Acenaphthene	9.66	154	1148512	39.693	nq	99
53) 3-Nitroaniline	9.58	138	368917	38.922	nq	100
54) 2,4-Dinitrophenol	9.68	184	160208	43.749	nq	95
55) Dibenzofuran	9.83	168	1561342	37.596	nq	100
56) 4-Nitrophenol	9.74	139	288033	37.905	nq	99
57) 2,4-Dinitrotoluene	9.81	165	408217	40.704	nq	98
58) Fluorene	10.17	166	1123393	39.879	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	349381	40.557	nq	98
60) Diethylphthalate	10.06	149	1321570	39.079	nq	99
61) 4-Chlorophenyl-phenylether	10.17	204	555884	41.825	nq	95
62) 4-Nitroaniline	10.18	138	368554	38.760	nq	99
63) Azobenzene	10.32	77	1198188	37.933	nq	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	202820	43.185	nq	89
66) n-Nitrosodiphenylamine	10.28	169	1083581	38.898	nq	99
67) 4-Bromophenyl-phenylether	10.65	248	396182	40.867	nq	95
68) Hexachlorobenzene	10.72	284	431061	40.965	nq	98
69) Atrazine	10.82	200	355564	39.679	nq	98
70) Pentachlorophenol	10.91	266	281418	41.979	nq	98
71) Phenanthrene	11.12	178	1796594	37.318	nq	99
72) Anthracene	11.17	178	1819991	37.451	nq	99
73) Carbazole	11.32	167	1650314	38.030	nq	100
74) Di-n-butylphthalate	11.68	149	2043998	40.762	nq	100
75) Fluoranthene	12.30	202	1836133	38.226	nq	98
77) Benzidine	12.42	184	1008591	35.734	nq	99
78) Pyrene	12.52	202	1885764	38.604	nq	99
80) Butylbenzylphthalate	13.16	149	887387	41.163	nq	96
81) Benzo(a)anthracene	13.71	228	1765165	38.702	nq	100
82) 3,3'-Dichlorobenzidine	13.68	252	670217	40.692	nq	98
83) Chrysene	13.74	228	1642039	39.303	nq	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1211325	42.883	nq	# 98
85) Di-n-octyl phthalate	14.34	149	2061991	43.446	nq	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	1982271	40.097	nq	98
88) Benzo(b)fluoranthene	14.71	252	1791708	38.627	nq	99
89) Benzo(k)fluoranthene	14.74	252	1575826m	37.883	nq	
90) Benzo(a)pyrene	15.02	252	1613064	38.583	nq	98
91) Dibenzo(a,h)anthracene	16.36	278	1603344	41.080	nq	98
92) Benzo(g,h,i)perylene	16.72	276	1626504	41.174	nq	98

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



#1

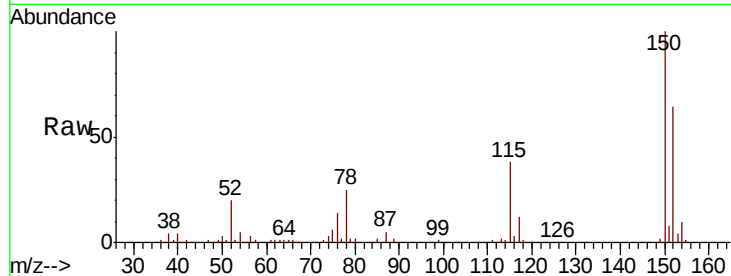
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.2
115	59.9	46.1	69.1

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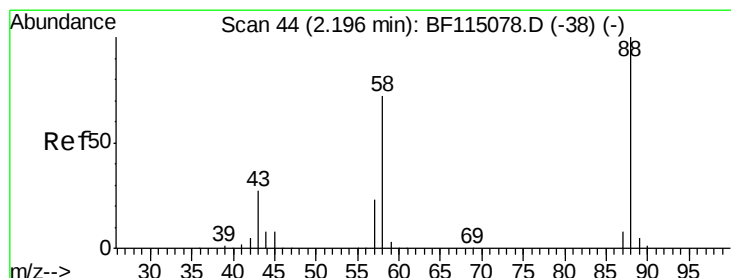
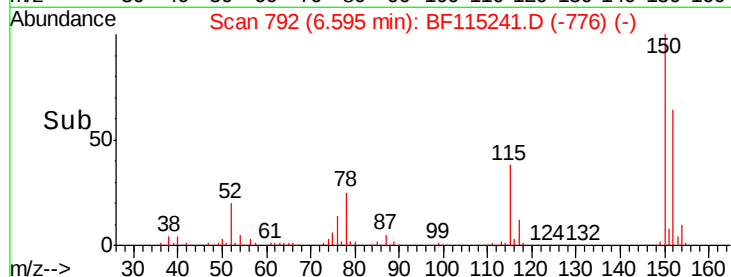
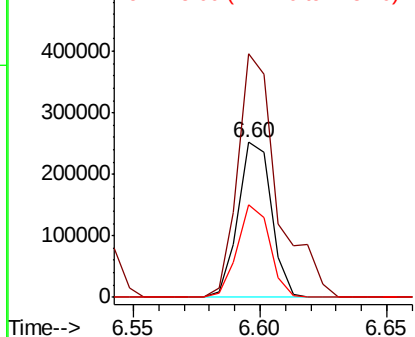


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

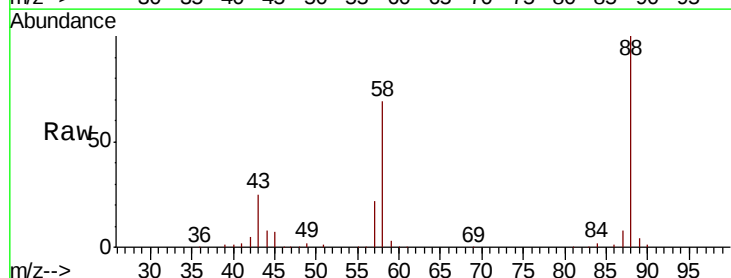
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 38.115 ng
 RT: 2.15 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	56.1	84.1
43	25.5	21.3	31.9

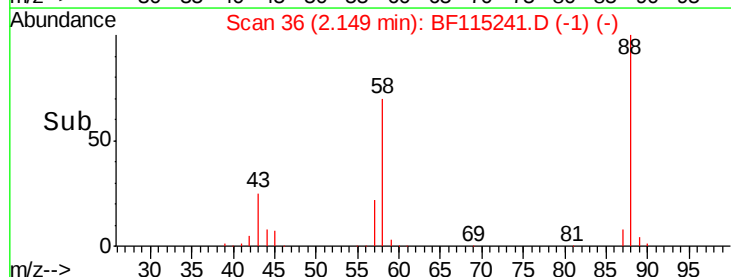
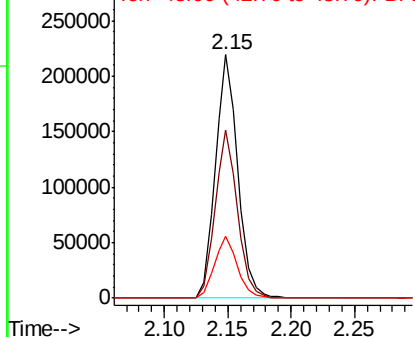


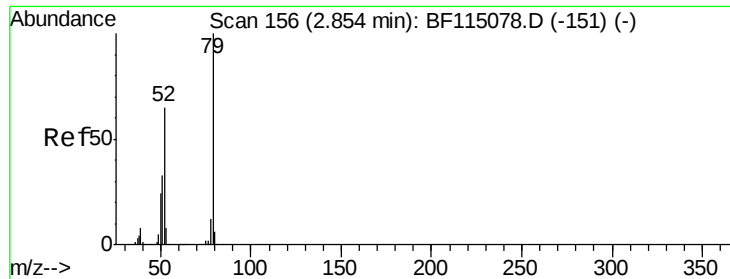
Abundance

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: 38.251 ng

RT: 2.80 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

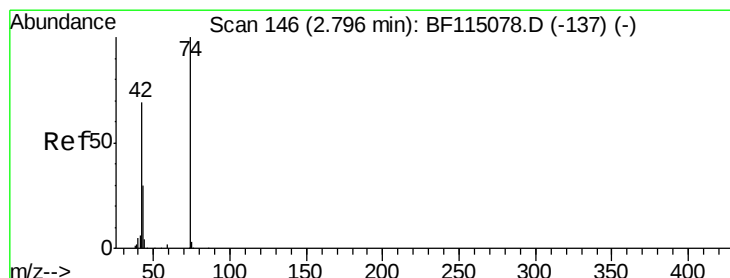
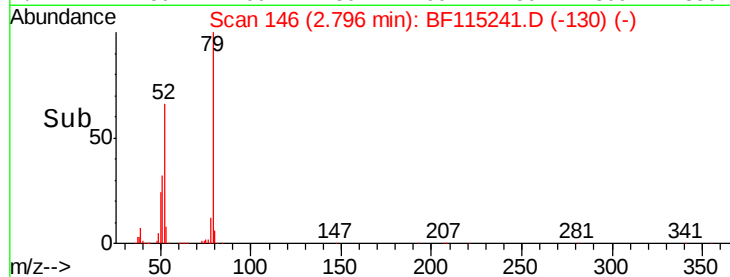
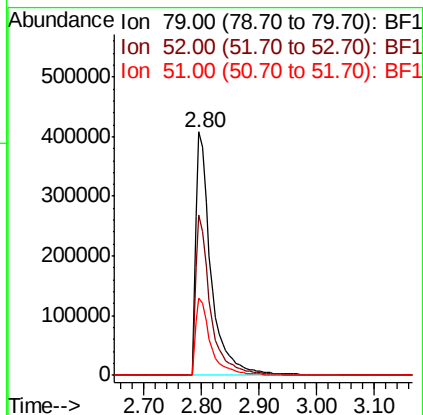
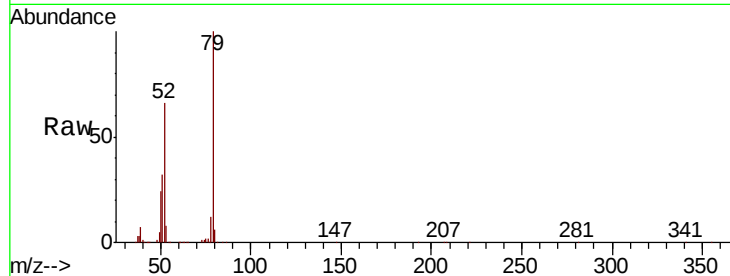
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	759678
Ion	Ratio	Lower	Upper
79	100		
52	65.9	52.3	78.5
51	31.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 37.119 ng

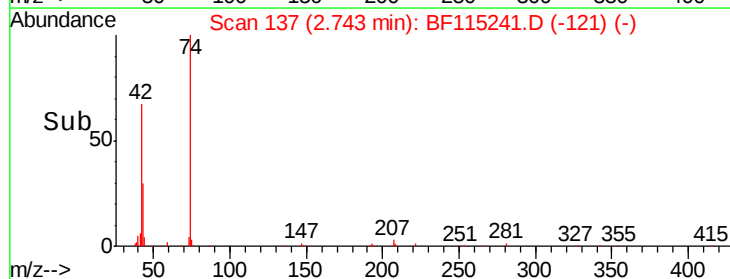
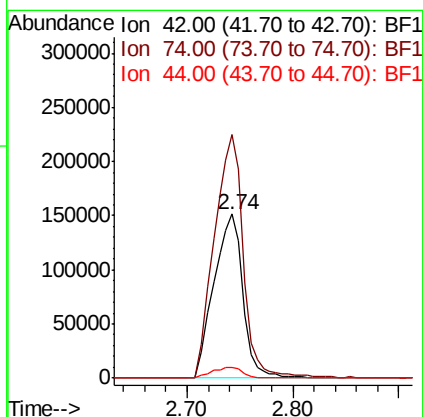
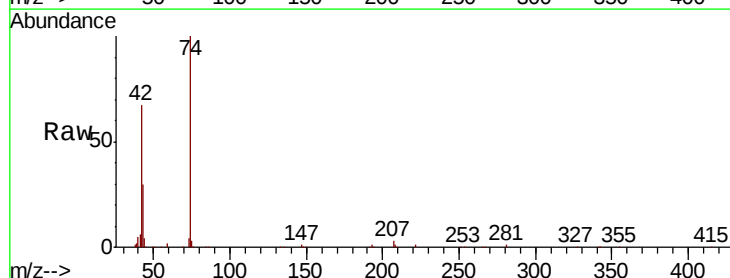
RT: 2.74 min Scan# 137

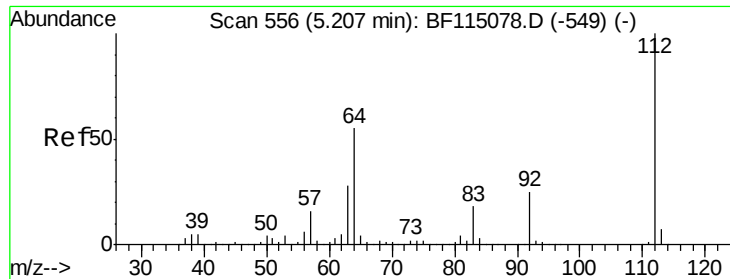
Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Tgt Ion:	42	Resp:	288994
Ion	Ratio	Lower	Upper
42	100		
74	148.5	116.6	175.0
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 81.028 ng

RT: 5.19 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

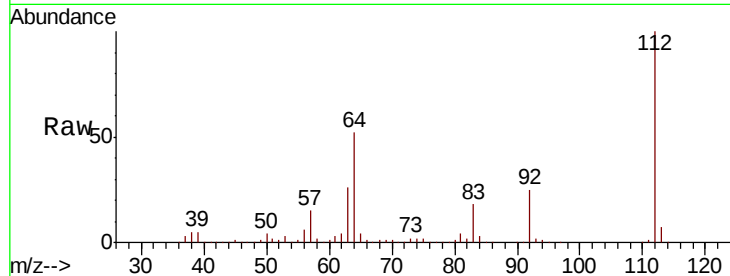
ClientSampleId :

SSTDCCC040

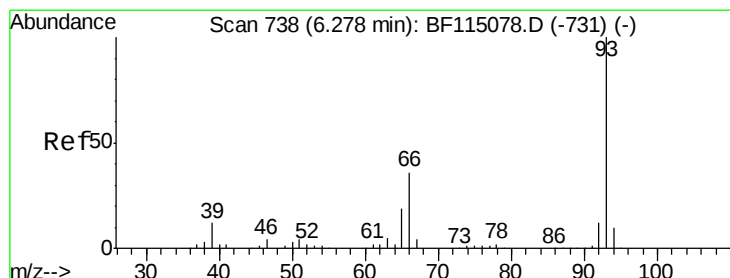
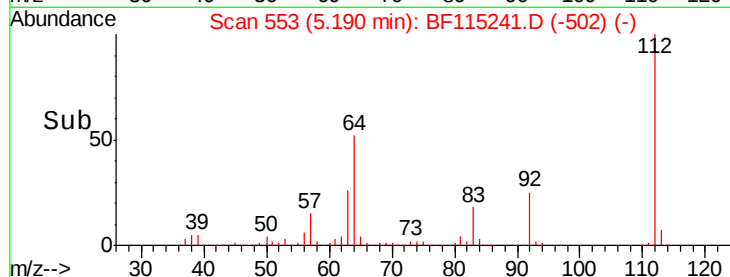
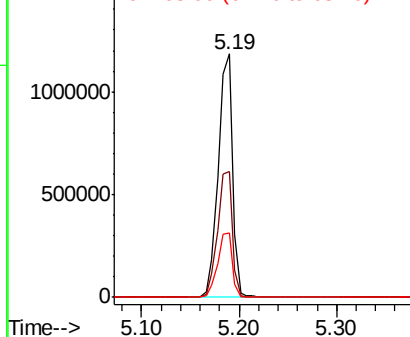
Tot Ion:	112	Resp:	1209767
Ion	Ratio	Lower	Upper
112	100		
64	51.9	43.8	65.6
63	26.3	22.2	33.4

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.703 ng

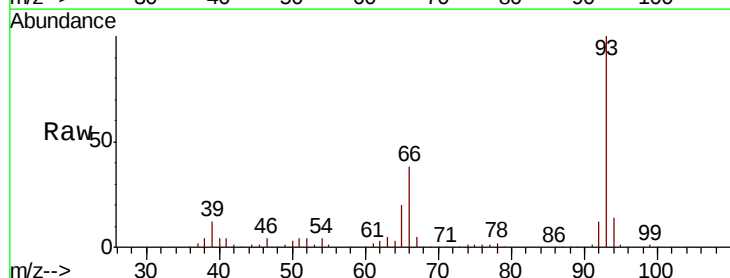
RT: 6.26 min Scan# 735

Delta R.T. 0.00 min

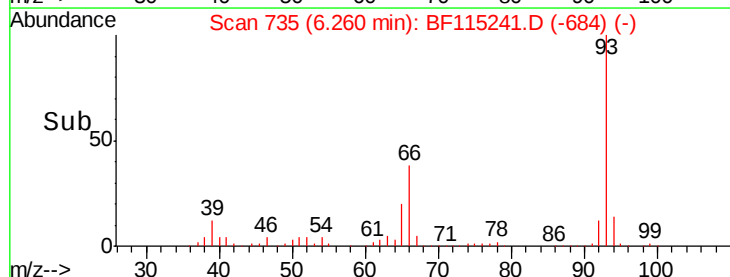
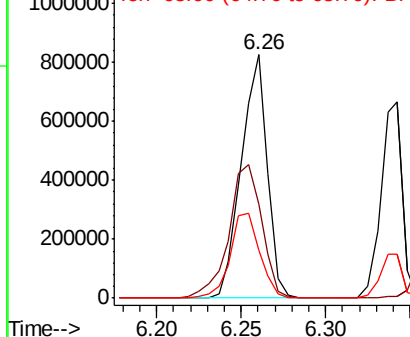
Lab File: BF115241.D

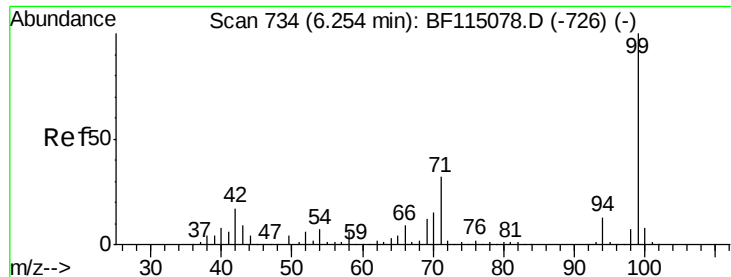
Acq: 27 Jun 2019 18:38

Tgt Ion:	93	Resp:	889201
Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.0	45.0
65	19.8	15.6	23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.158 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1325752

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

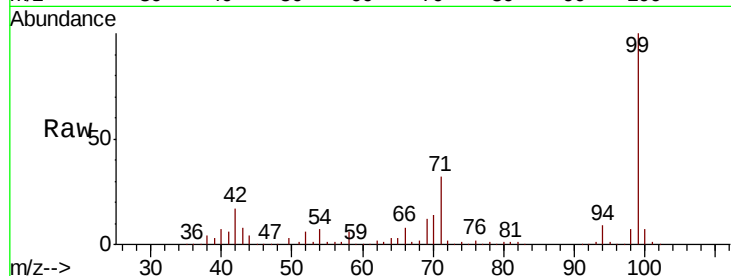
71 31.7 25.5 38.3

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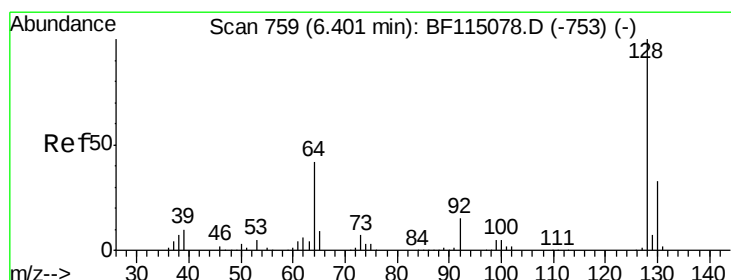
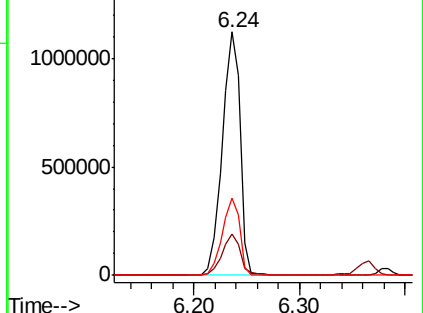
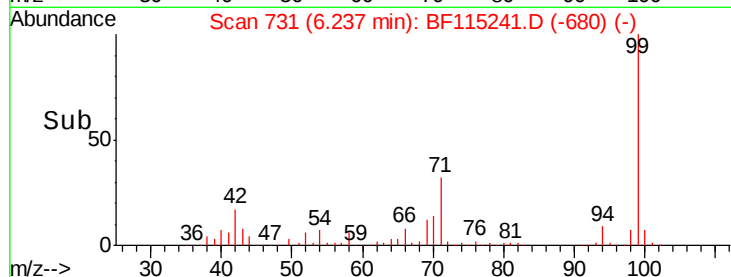
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.866 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

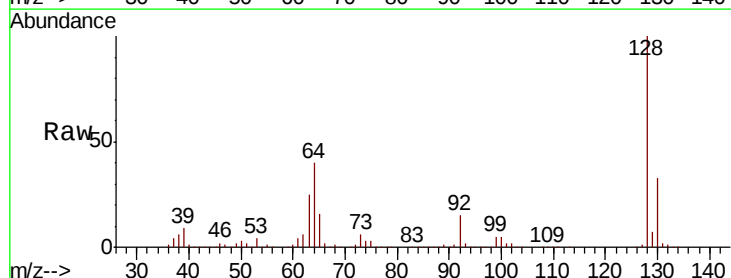
Tgt Ion: 128 Resp: 635702

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

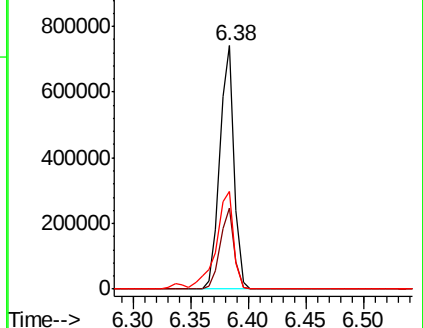
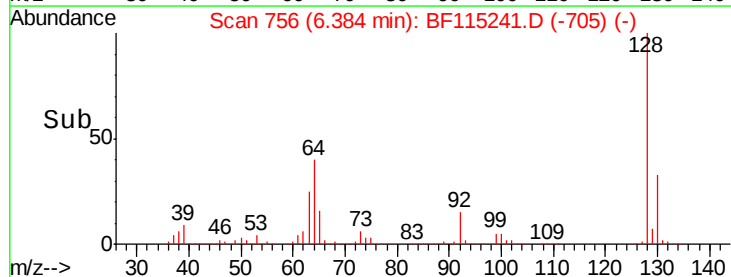
64 40.2 22.9 62.9

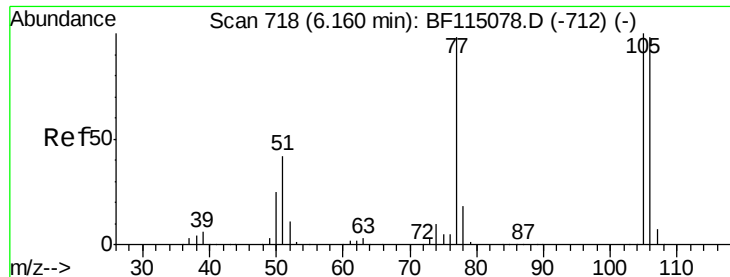


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.850 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion: 77 Resp: 412023

Ion Ratio Lower Upper

77 100

105 101.6 81.5 121.5

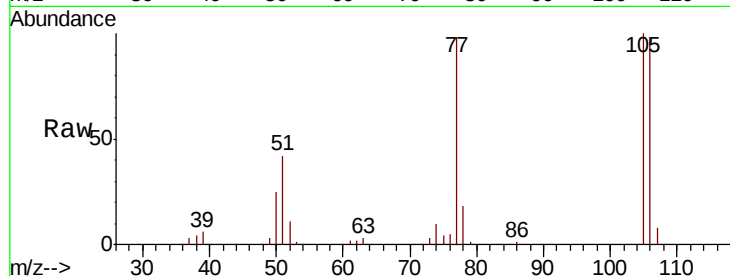
106 99.4 79.7 119.7

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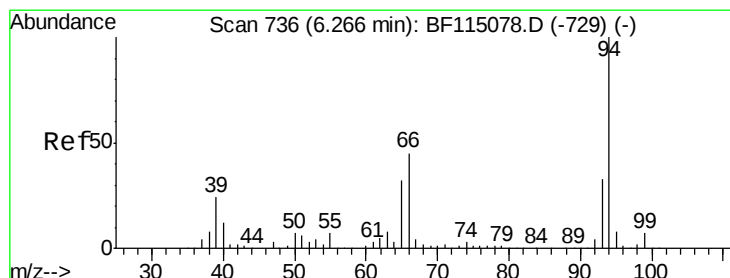
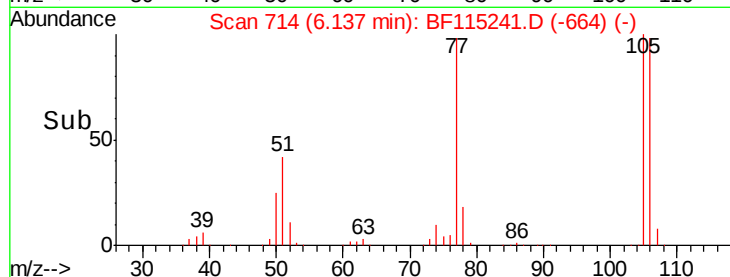
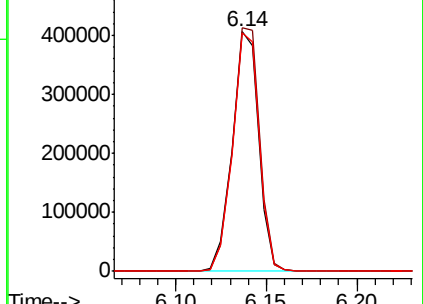
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.851 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

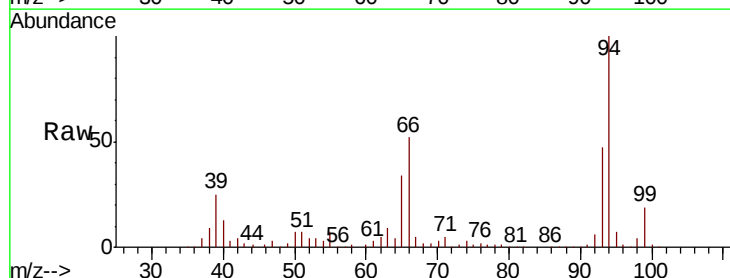
Tgt Ion: 94 Resp: 761021

Ion Ratio Lower Upper

94 100

65 34.4 11.9 51.9

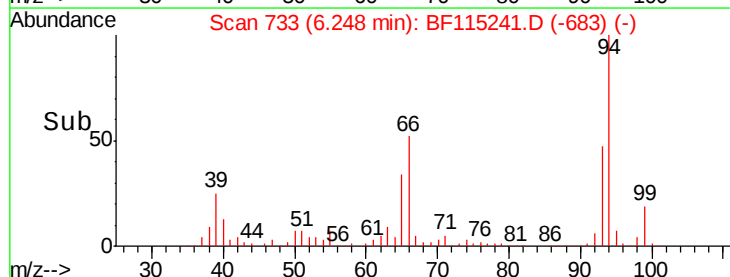
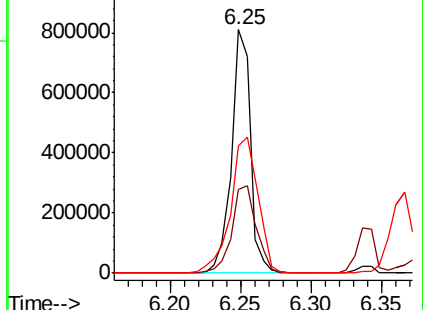
66 52.4 25.2 65.2

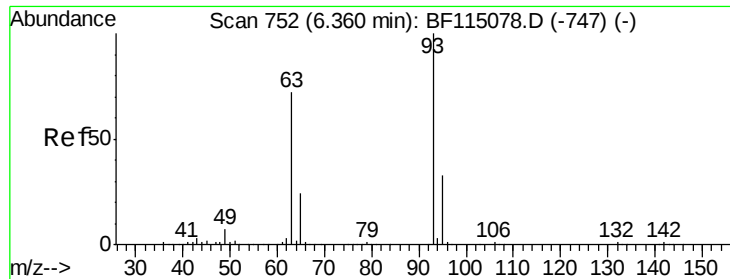


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





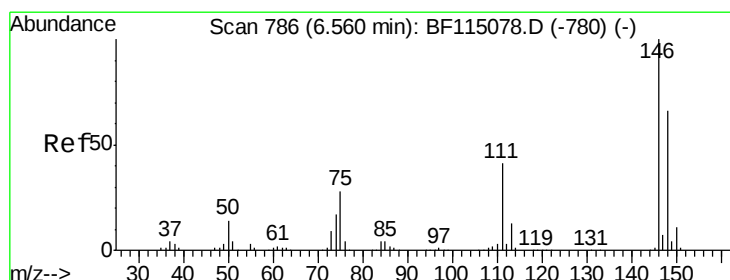
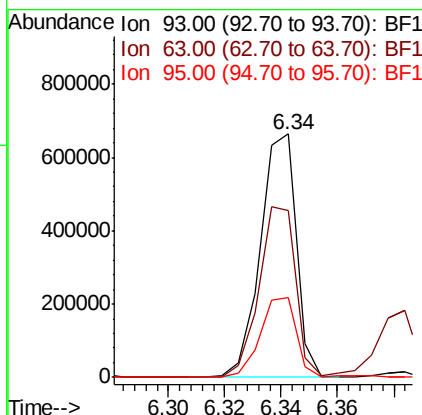
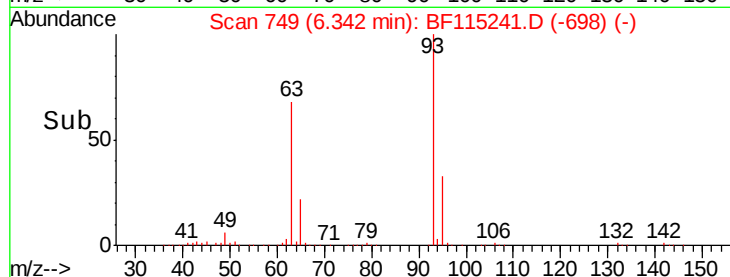
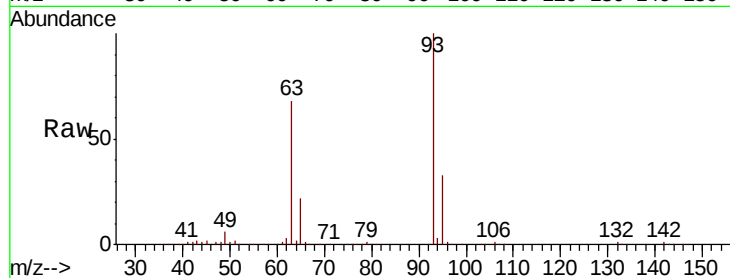
#11
bis(2-Chloroethyl)ether
Concen: 37.344 ng
RT: 6.34 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.3	51.5	91.5
95	32.6	13.4	53.4

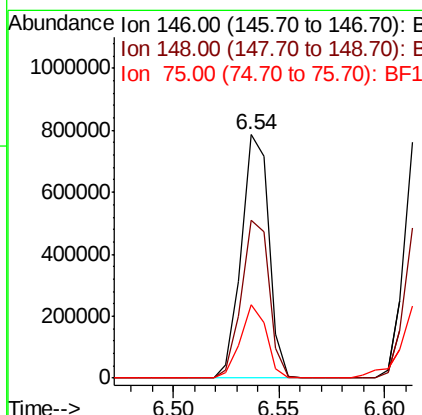
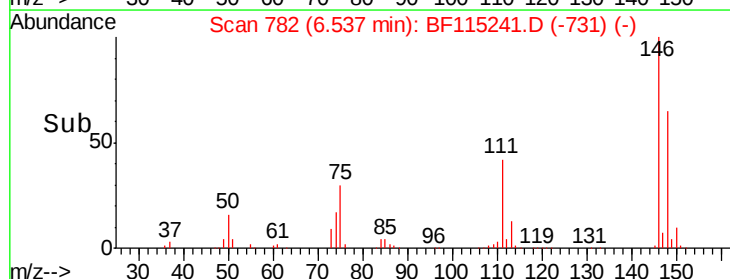
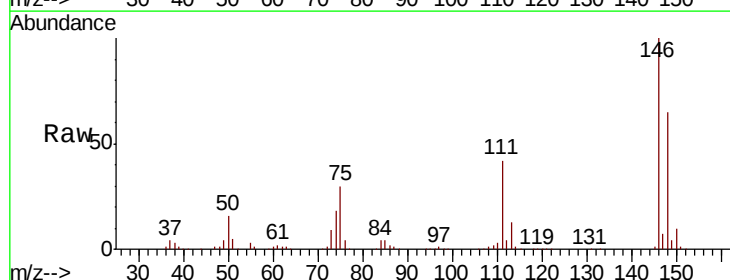
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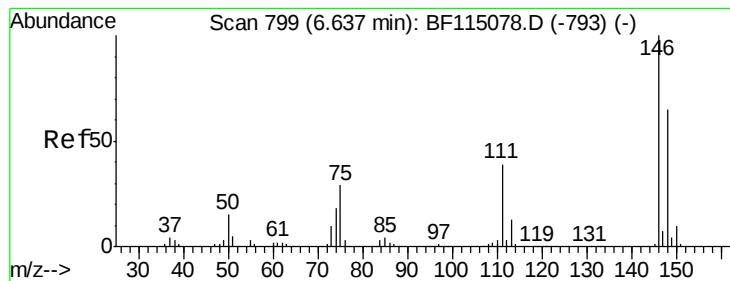
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.094 ng
RT: 6.54 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	29.9	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 38.848 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

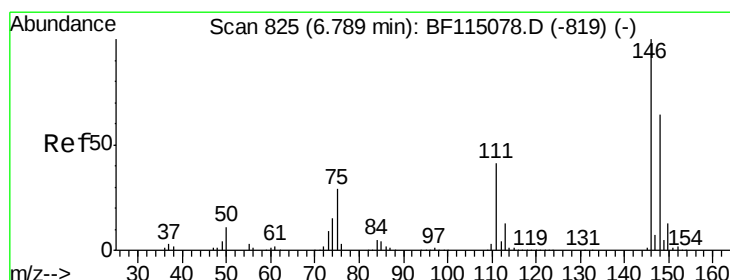
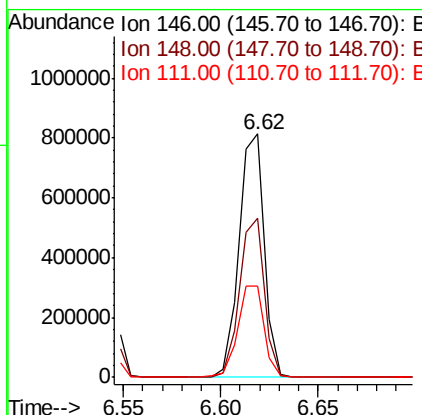
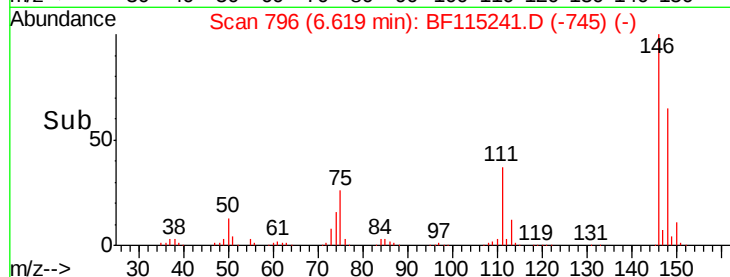
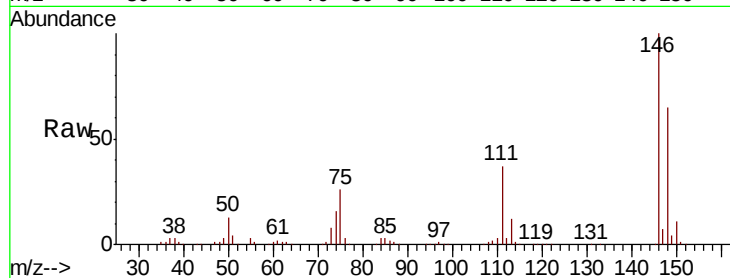
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	725816
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.9	77.9
111	37.2	31.4	47.0

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#14

1,2-Dichlorobenzene

Concen: 38.475 ng

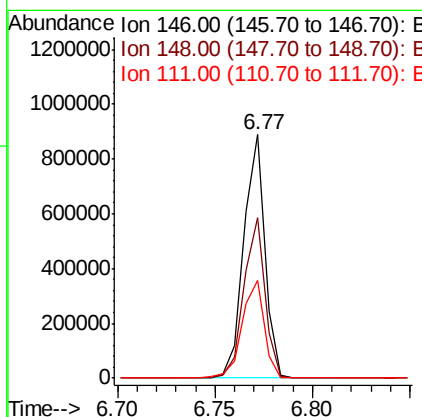
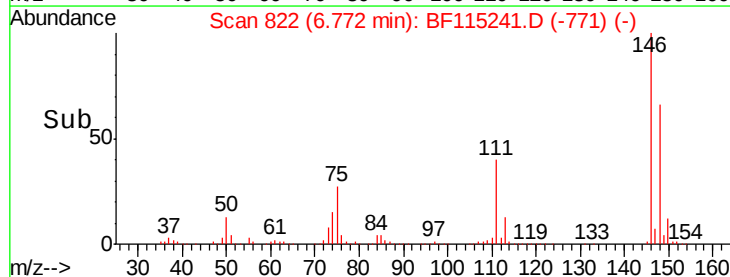
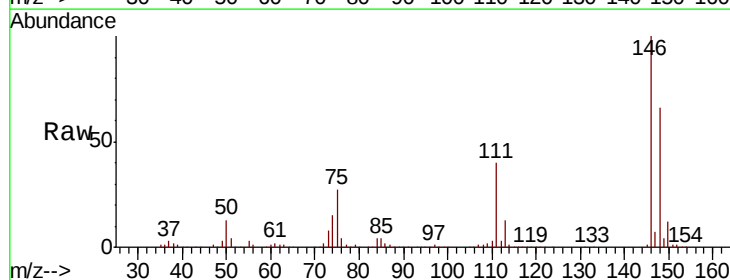
RT: 6.77 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Tgt Ion:	146	Resp:	665698
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.1	76.7
111	40.3	33.2	49.8





#15

Benzyl Alcohol

Concen: 36.780 ng

RT: 6.74 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

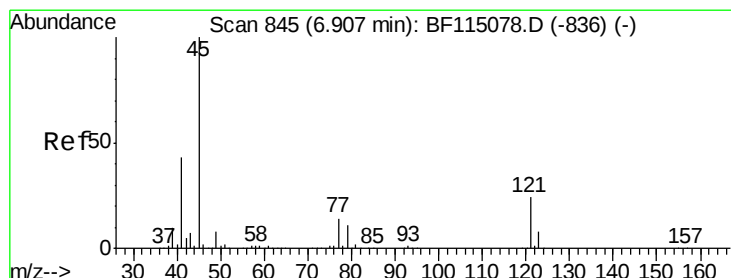
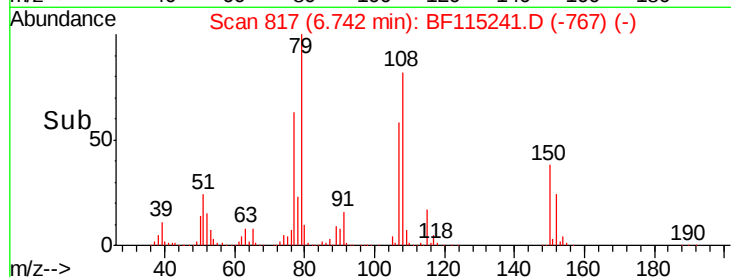
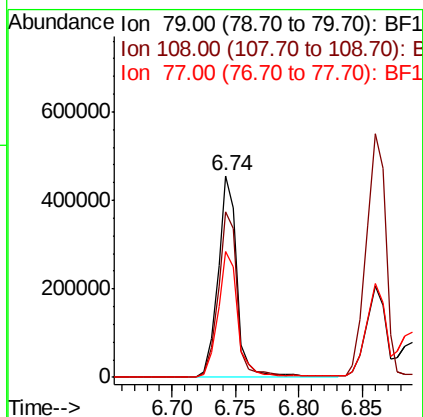
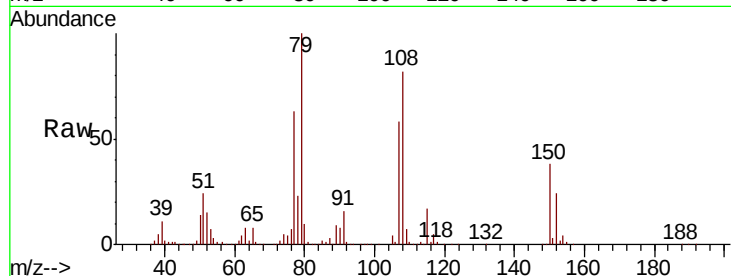
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	485340
Ion	Ratio	Lower	Upper
79	100		
108	82.1	68.7	103.1
77	62.5	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.031 ng

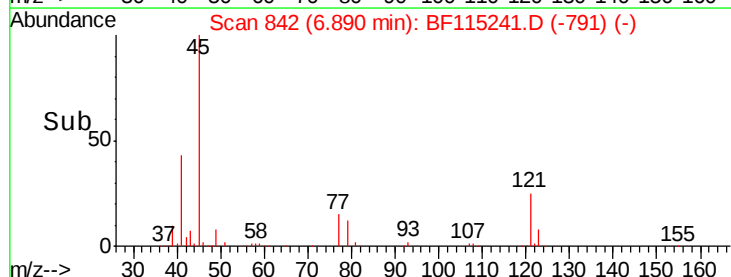
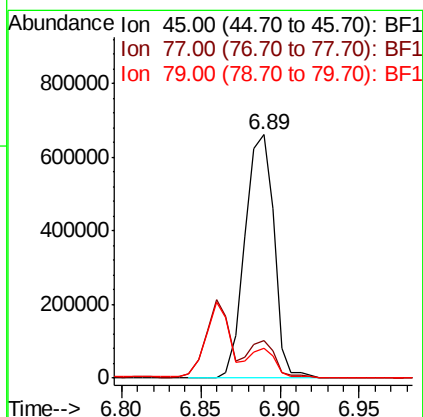
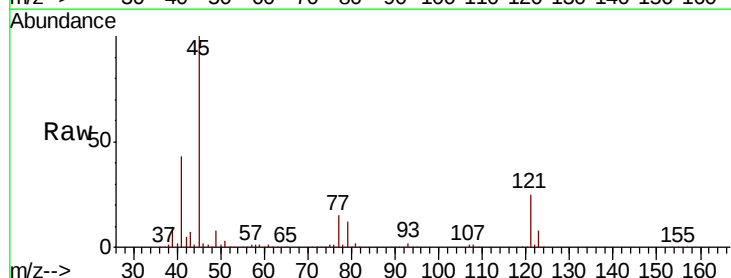
RT: 6.89 min Scan# 842

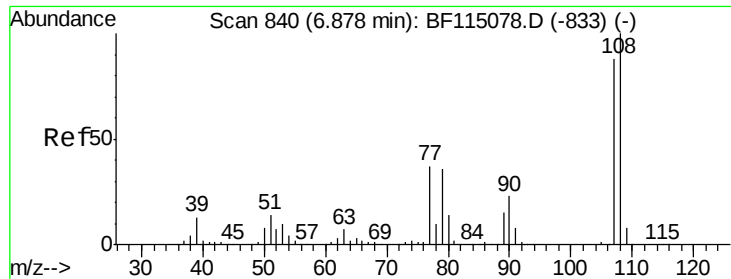
Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Tgt Ion:	45	Resp:	840410
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.6
79	12.0	0.0	31.2





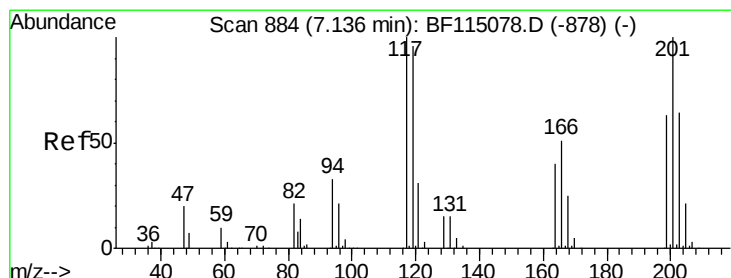
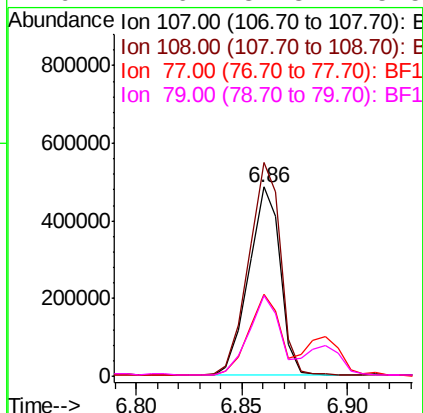
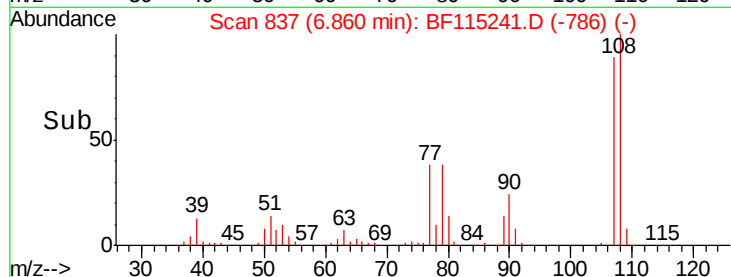
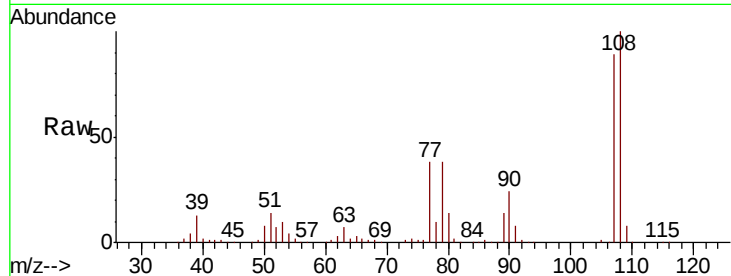
#17
2-Methylphenol
Concen: 36.508 ng
RT: 6.86 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	43.4	33.4	50.2
79	42.6	32.3	48.5

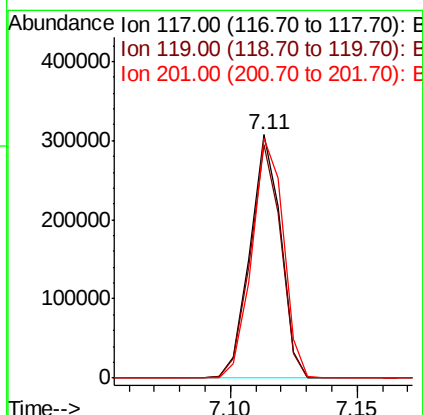
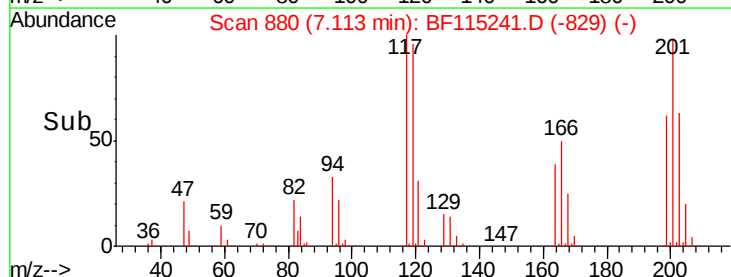
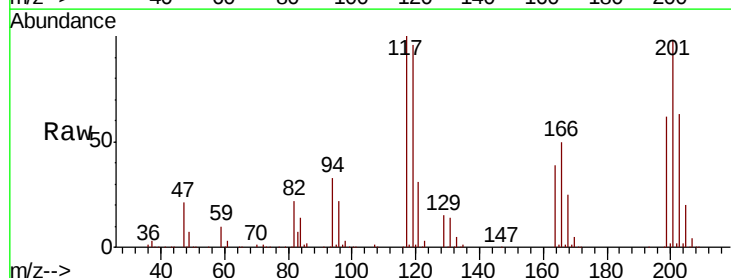
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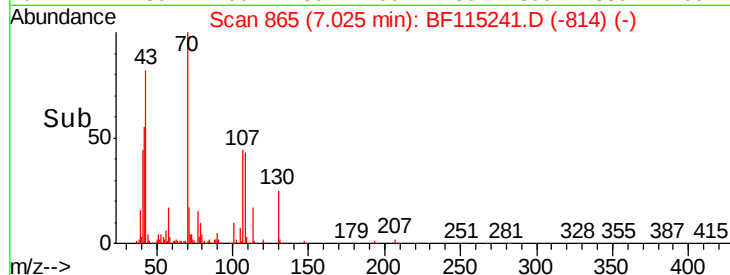
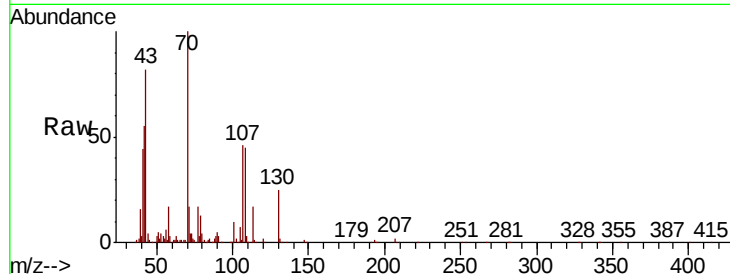
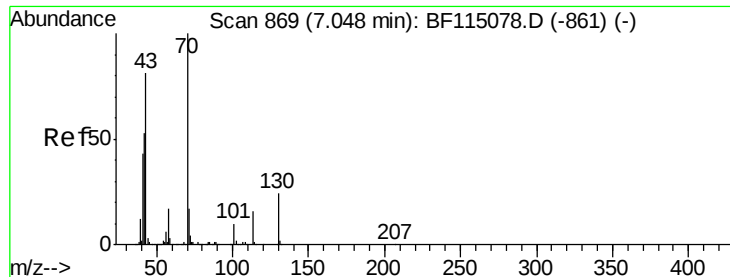
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#18
Hexachloroethane
Concen: 38.571 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	98.3	80.2	120.2





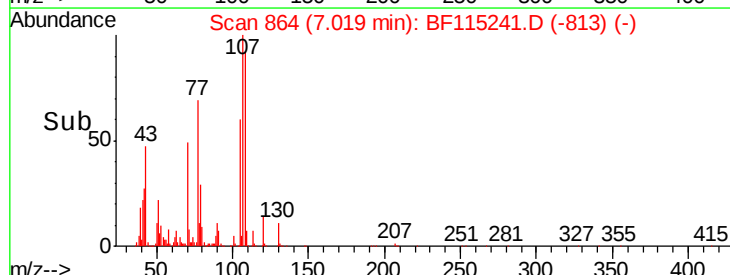
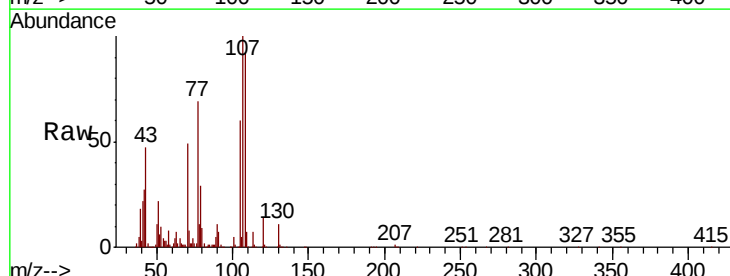
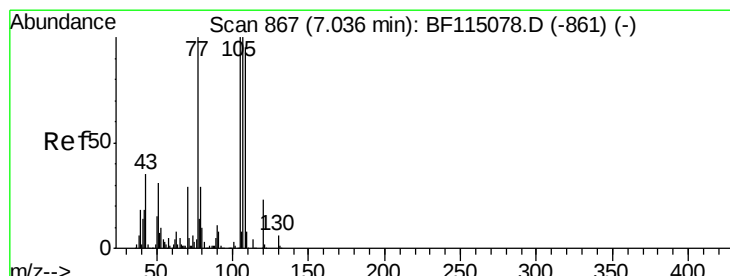
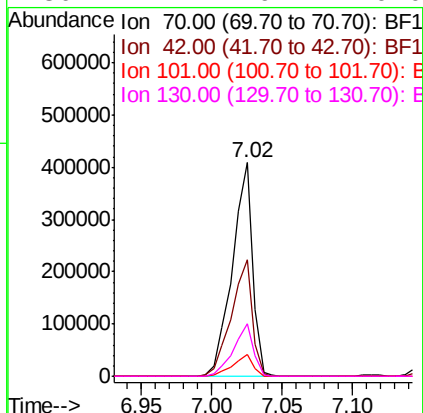
#19
n-Nitroso-di-n-propylamine
Concen: 35.173 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	42.6	63.8	
101	10.3	8.0	12.0	
130	24.7	19.4	29.0	

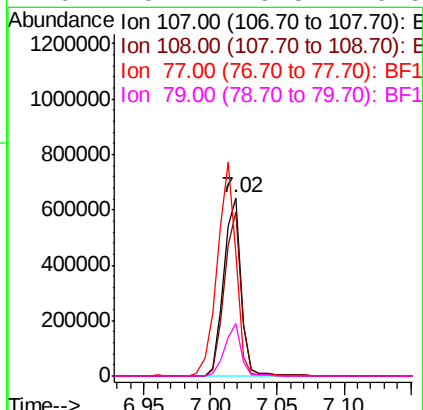
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#20
3+4-Methylphenols
Concen: 37.246 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	75.5	115.5	
77	69.1	80.2	120.2	
79	29.4	9.5	49.5	





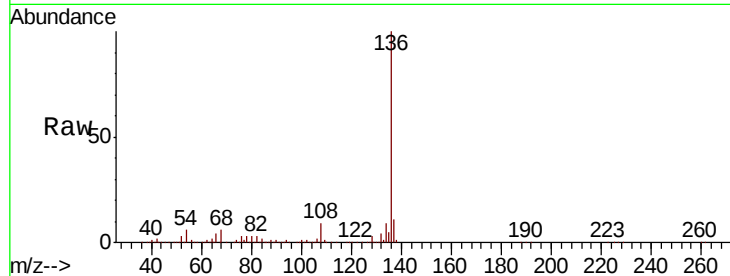
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

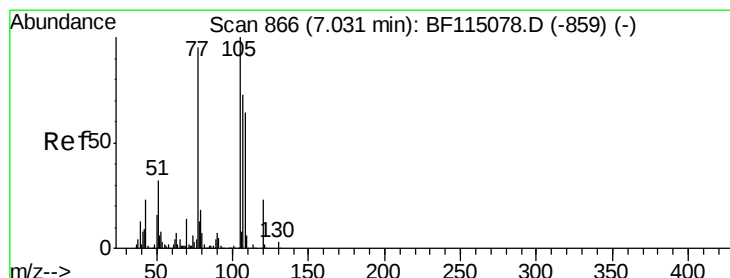
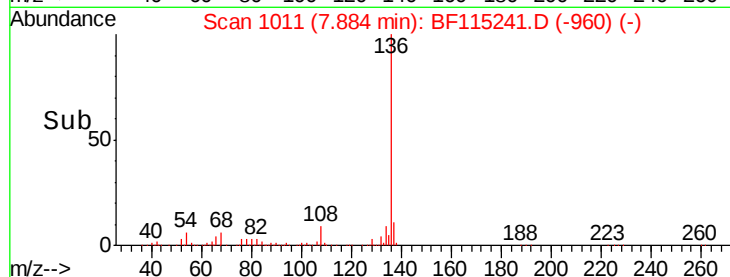
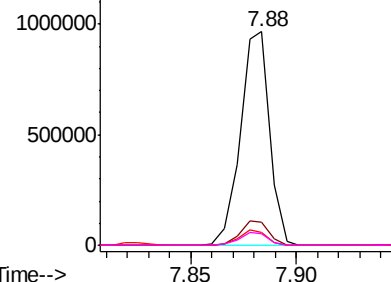
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.3	5.6	8.4	
68	5.5	4.8	7.2	

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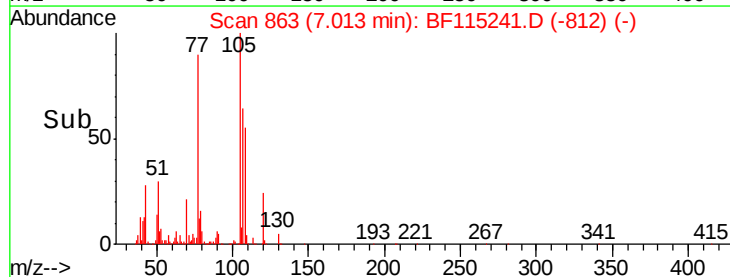
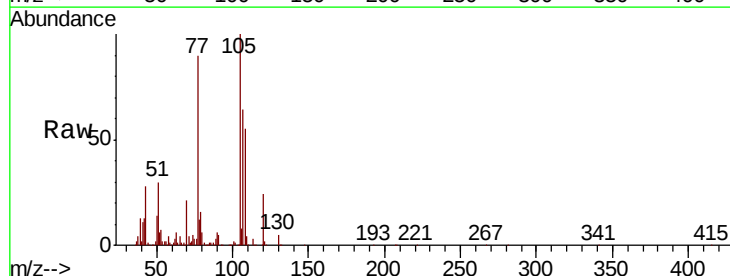
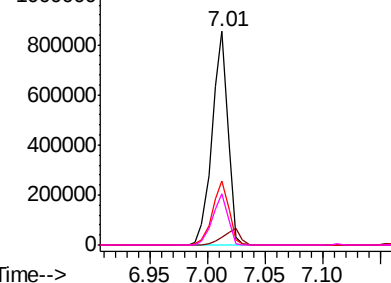
Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

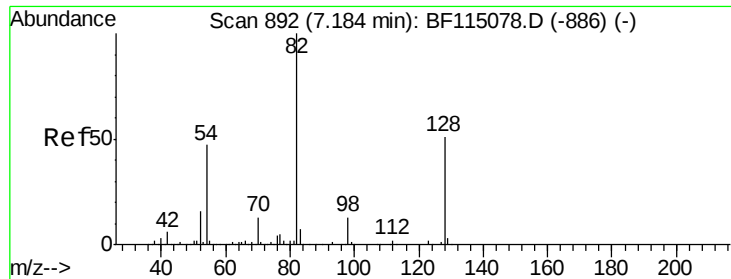


#22
Acetophenone
Concen: 37.752 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	1.9	2.9#	
51	30.2	25.8	38.8	
120	23.9	18.5	27.7	

Abundance Ion 105.00 (104.70 to 105.70): E
1200000
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





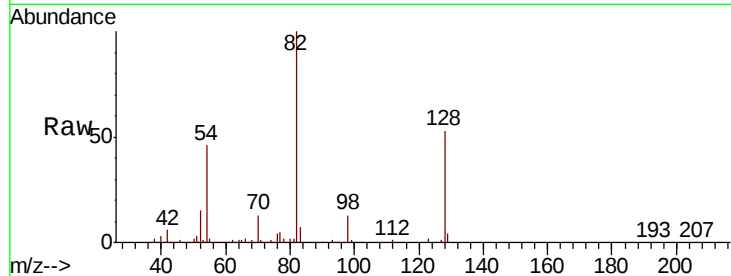
#23
 Nitrobenzene-d5
 Concen: 77.795 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

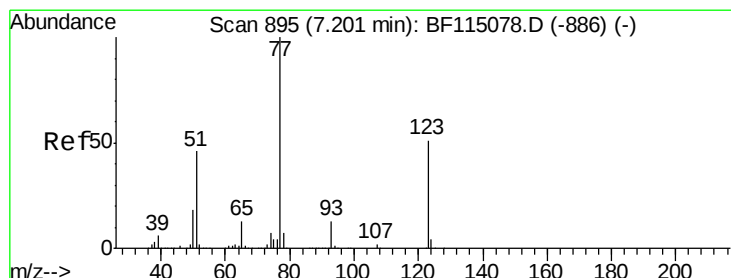
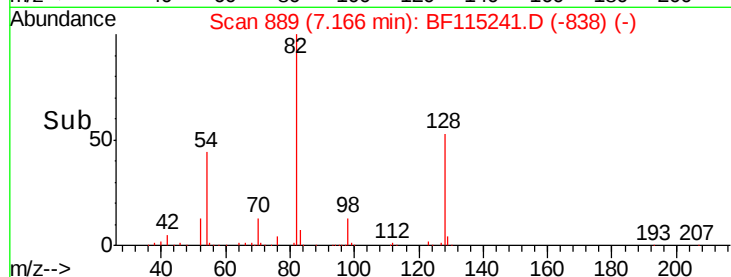
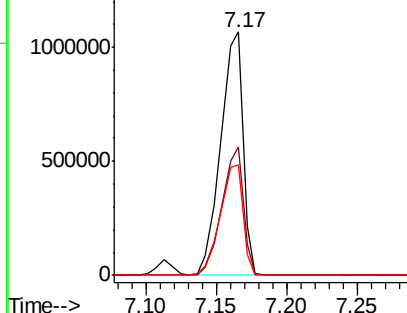
Tot Ion	82	Resp	1177201
Ion Ratio	100	Lower	Upper
128	52.5	40.4	60.6
54	45.5	37.5	56.3

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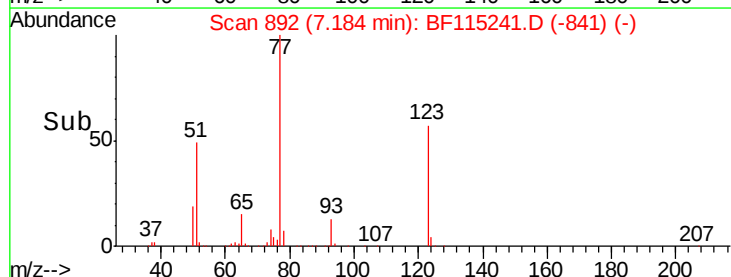
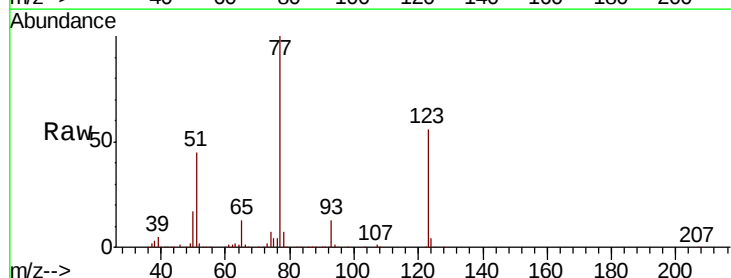
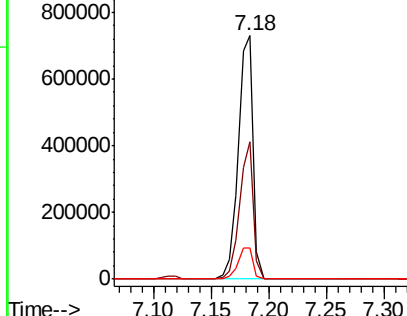
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

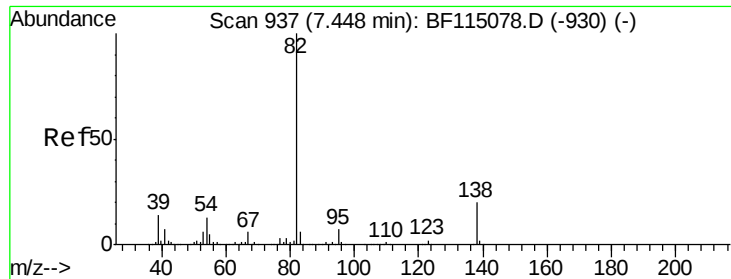


#24
 Nitrobenzene
 Concen: 38.610 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion	77	Resp	643661
Ion Ratio	100	Lower	Upper
123	56.3	41.0	61.6
65	13.0	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: 37.206 ng

RT: 7.42 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1153330

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

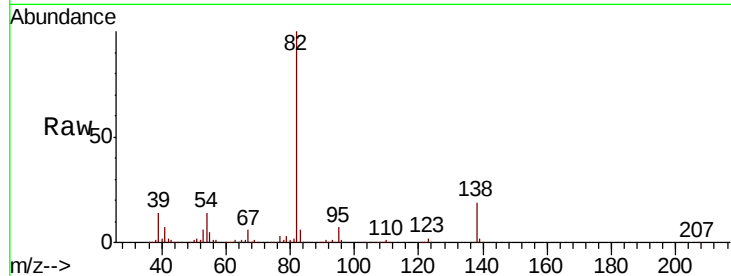
138 19.3 15.9 23.9

Manual Integrations

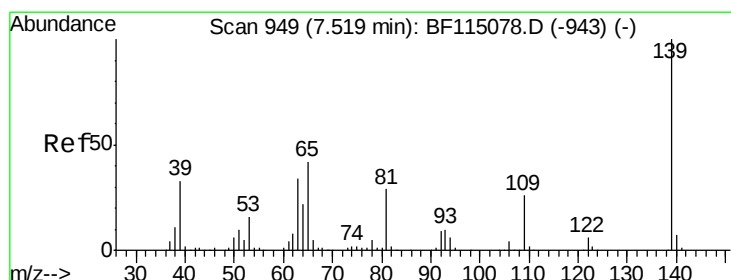
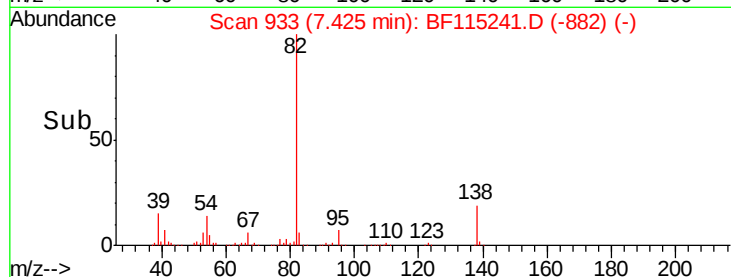
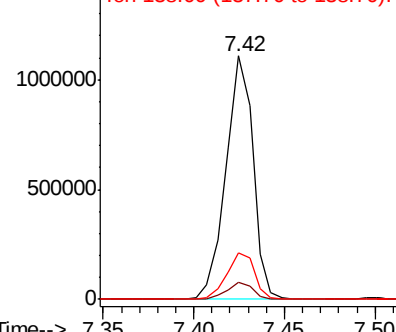
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.007 ng

RT: 7.50 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

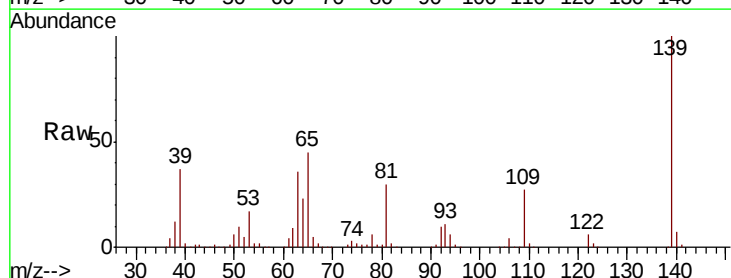
Tgt Ion: 139 Resp: 354064

Ion Ratio Lower Upper

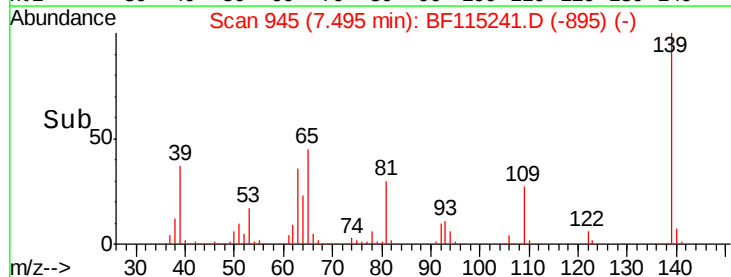
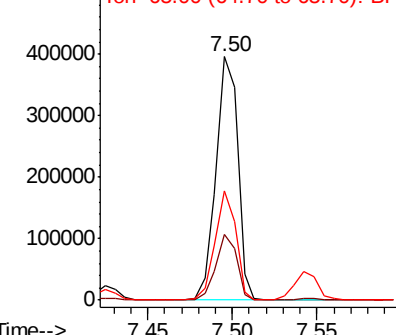
139 100

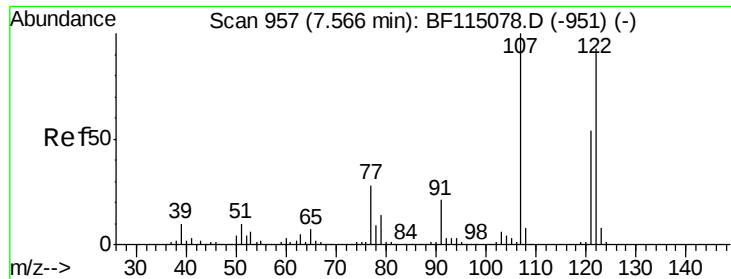
109 26.7 20.4 30.6

65 45.0 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





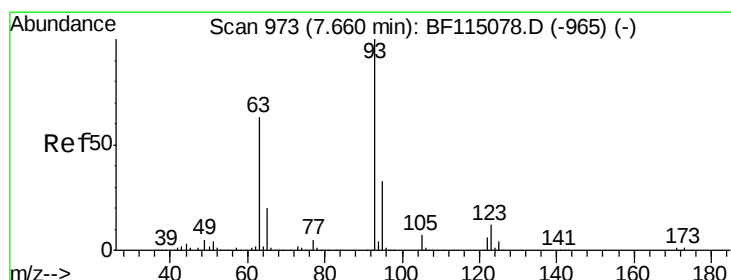
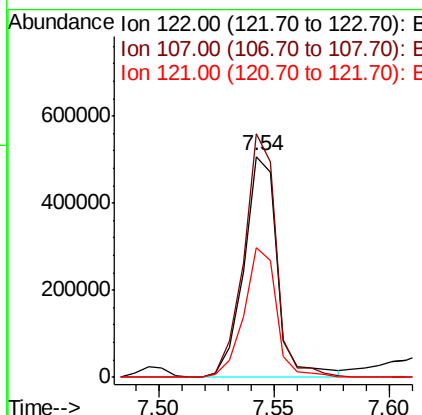
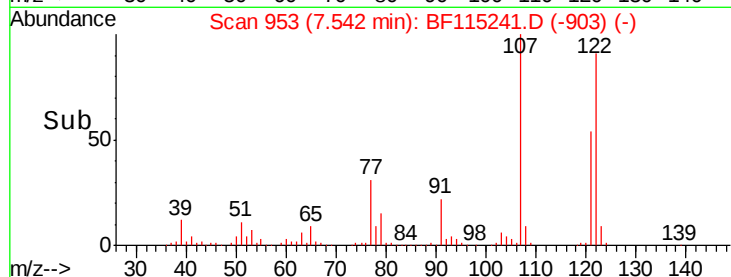
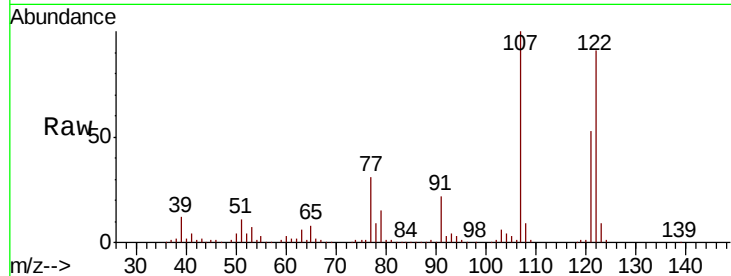
#27
2,4-Dimethylphenol
Concen: 38.163 ng
RT: 7.54 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	85.8	128.6
121	59.0	46.3	69.5

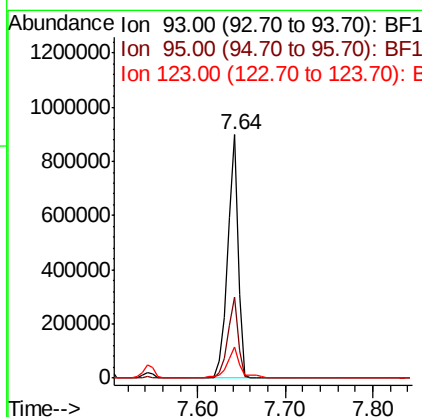
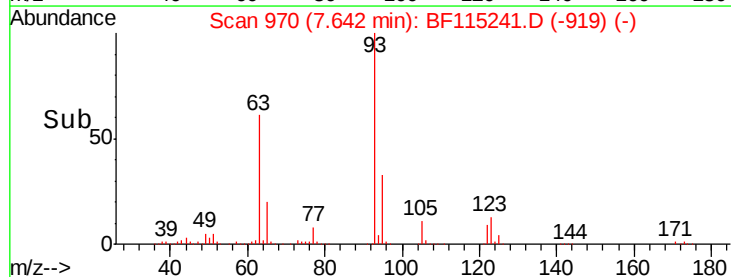
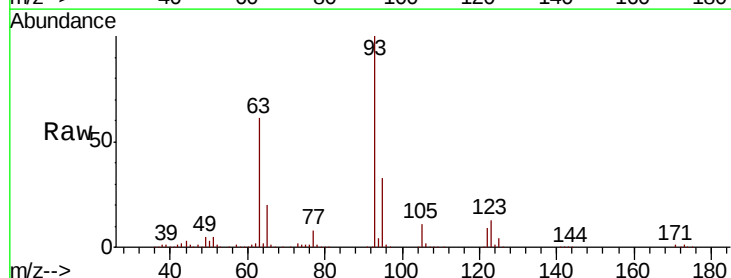
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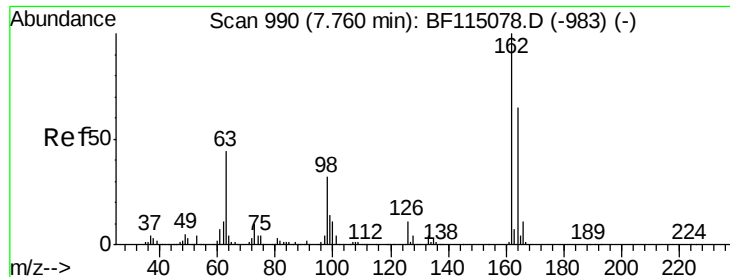
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.183 ng
RT: 7.64 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	12.8	9.7	14.5





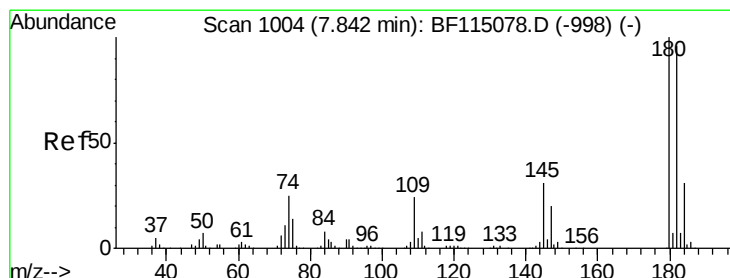
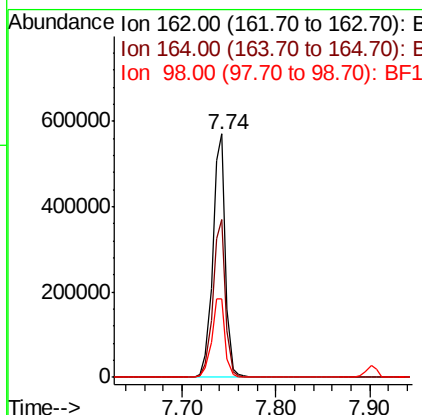
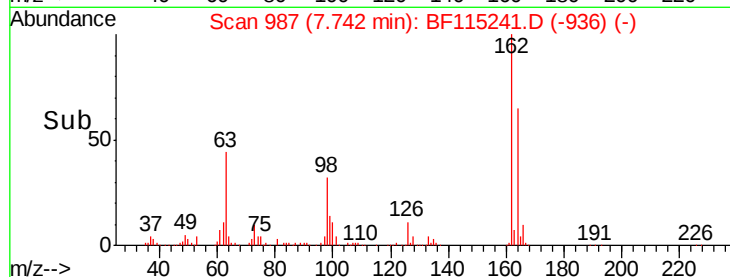
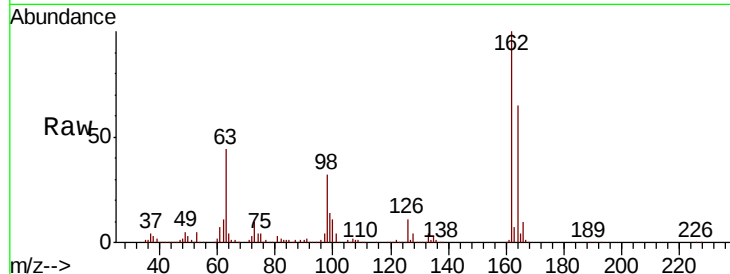
#29
2,4-Dichlorophenol
Concen: 39.349 ng
RT: 7.74 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	547367		
164	64.7	45.3	85.3	
98	32.2	12.5	52.5	

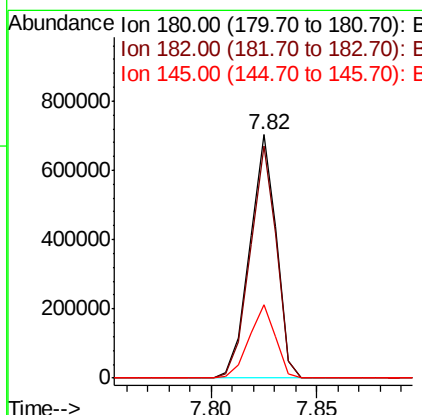
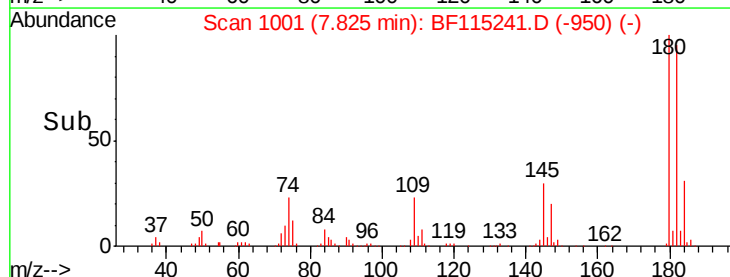
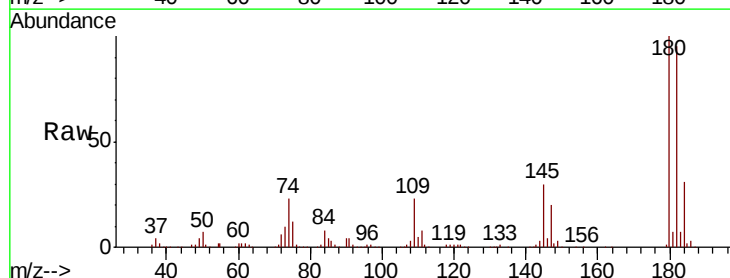
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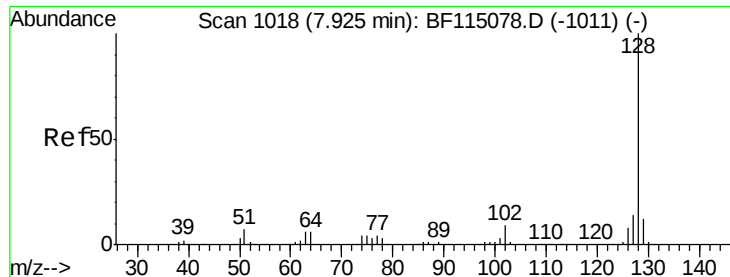
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#30
1,2,4-Trichlorobenzene
Concen: 39.805 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	611614		
182	95.1	76.4	114.6	
145	29.9	24.8	37.2	





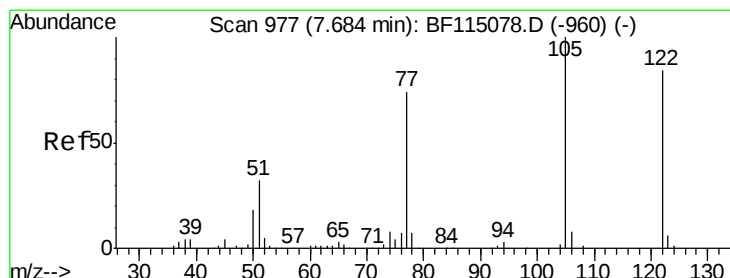
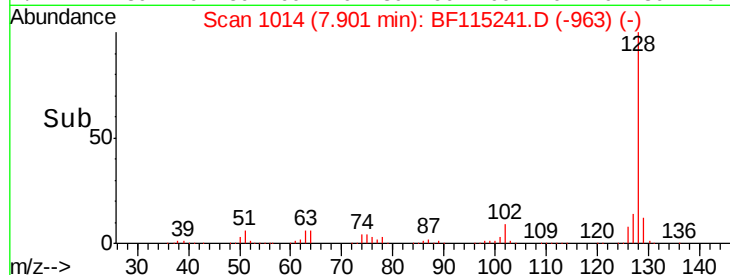
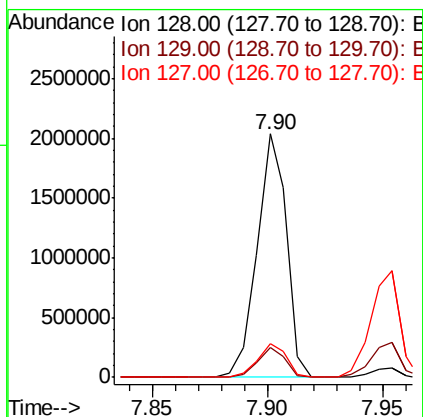
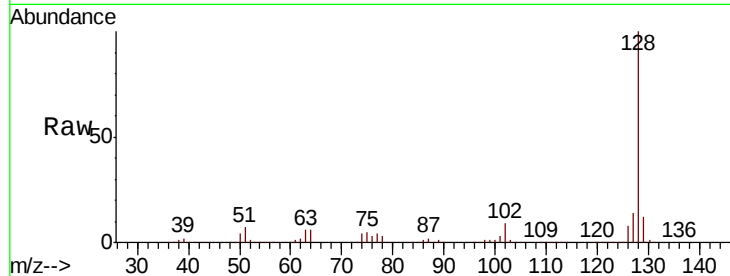
#31
Naphthalene
Concen: 39.551 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1807222
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.1 11.4 17.0

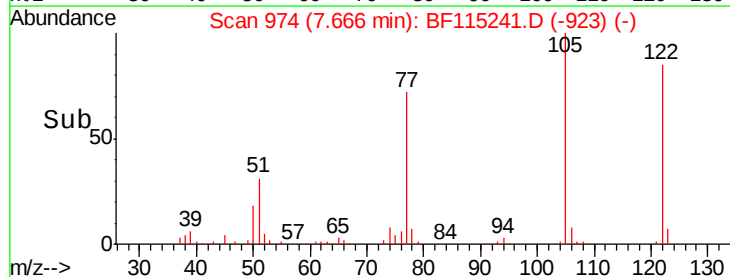
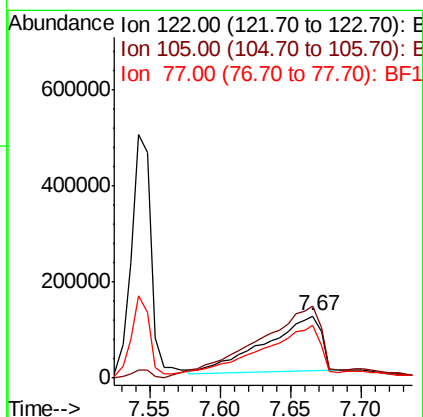
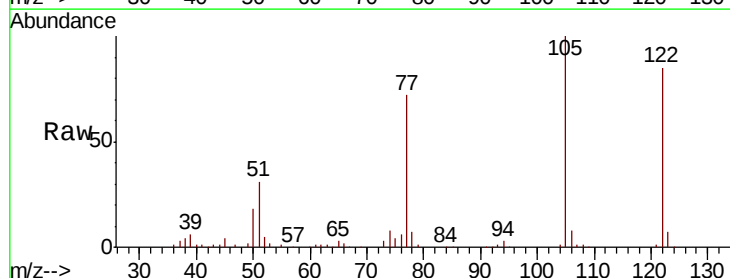
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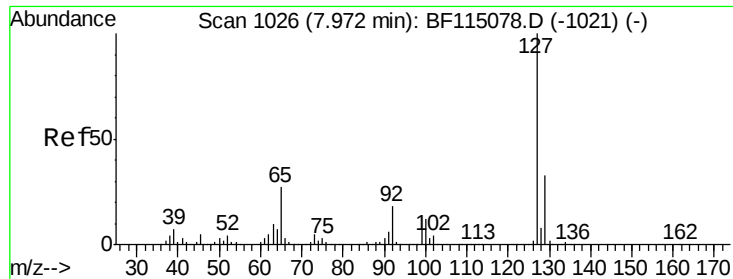
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#32
Benzoic acid
Concen: 33.939 ng
RT: 7.67 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion:122 Resp: 326556
Ion Ratio Lower Upper
122 100
105 117.2 98.2 138.2
77 84.7 67.0 107.0





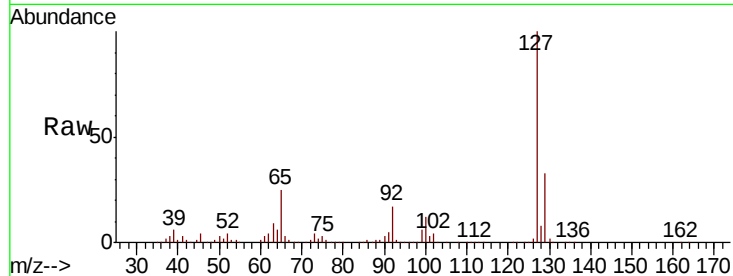
#33
4-Chloroaniline
Concen: 37.938 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.1	39.1		
65	25.0	21.4	32.2		
92	17.4	14.1	21.1		

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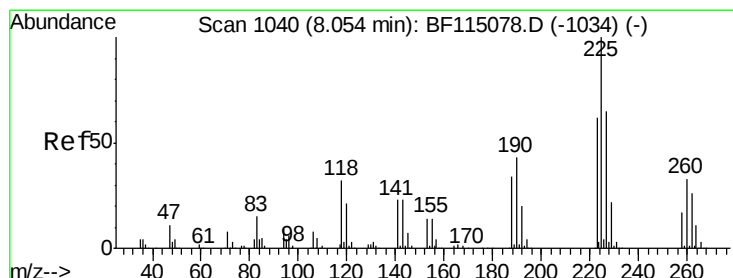
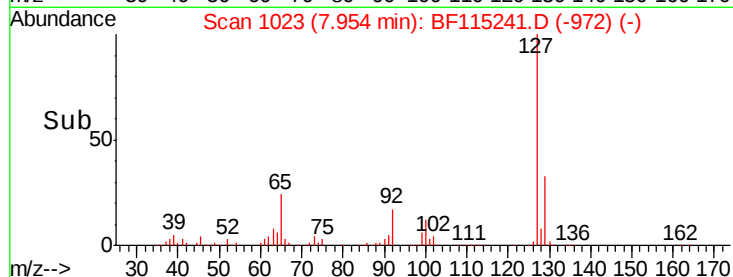
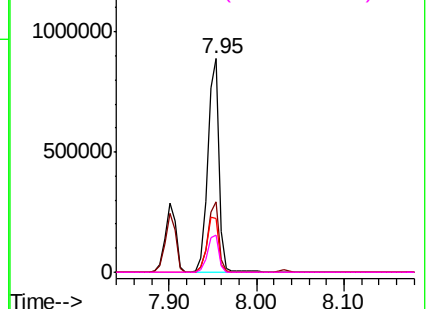
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

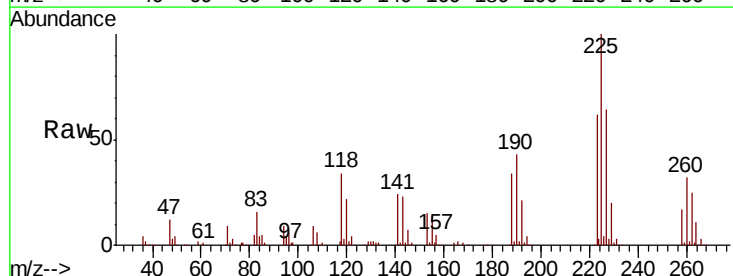
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.517 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	49.4	74.2		
227	64.2	51.8	77.8		

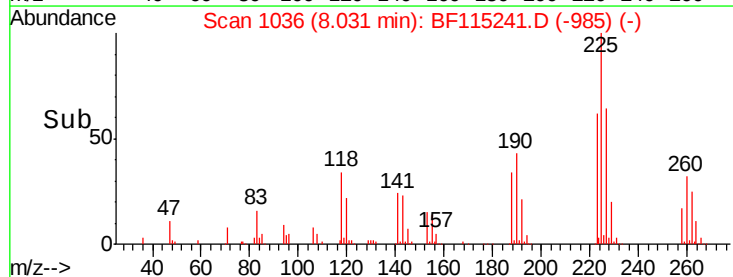
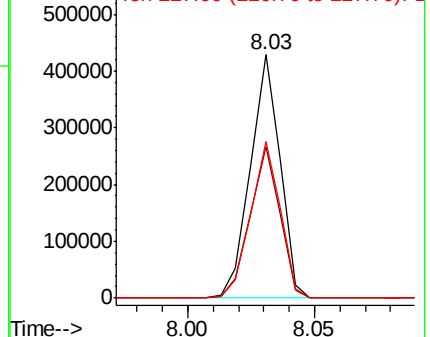


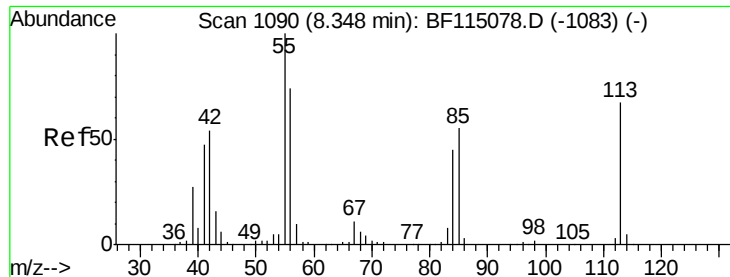
Abundance

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





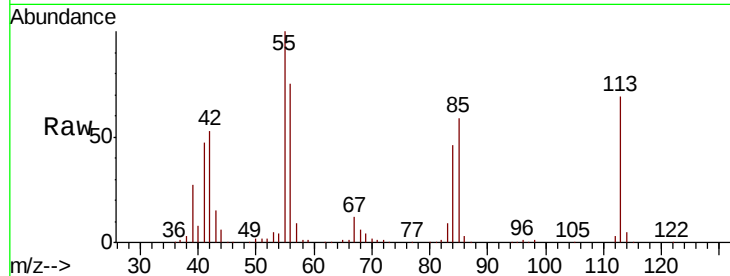
#35
Caprolactam
Concen: 36.290 ng
RT: 8.32 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

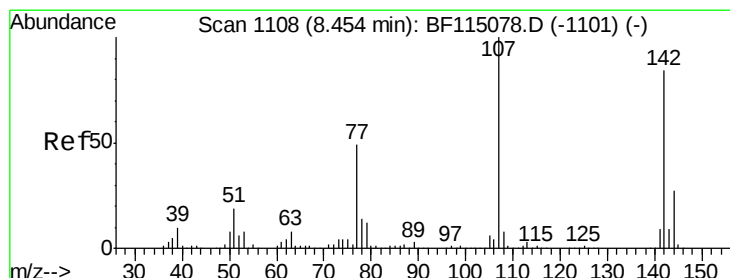
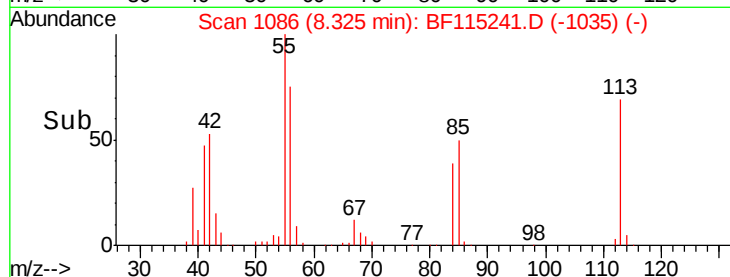
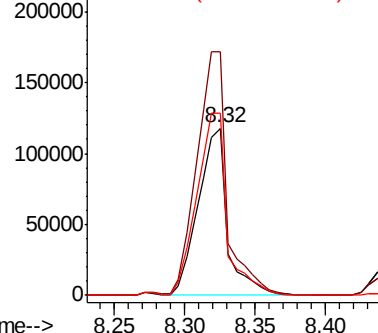
Tot Ion	Ratio	Lower	Upper
113	100		
55	146.0	130.2	170.2
56	109.5	91.6	131.6

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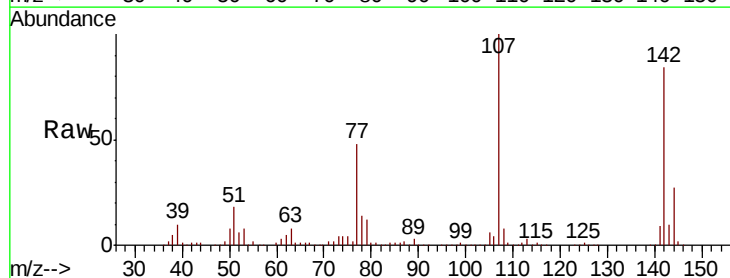


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

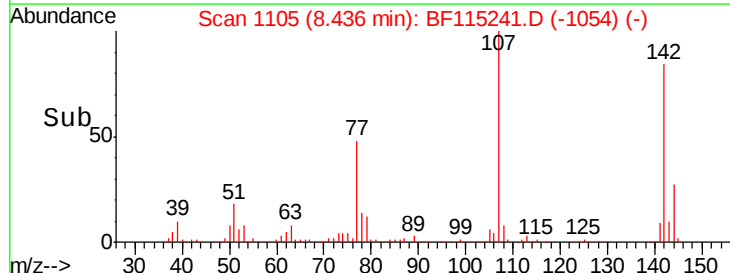
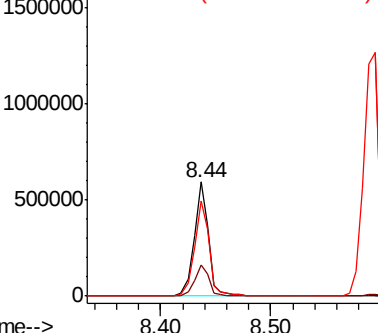


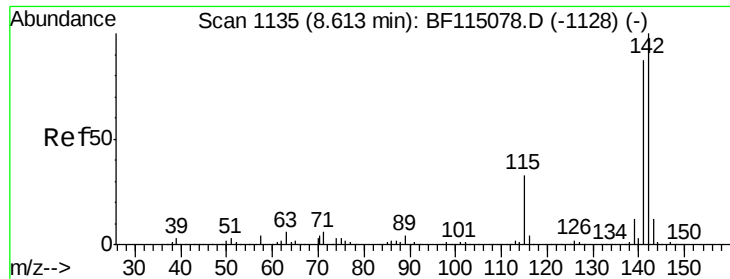
#36
4-Chloro-3-methylphenol
Concen: 38.130 ng
RT: 8.44 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.7	32.5
142	83.6	67.0	100.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





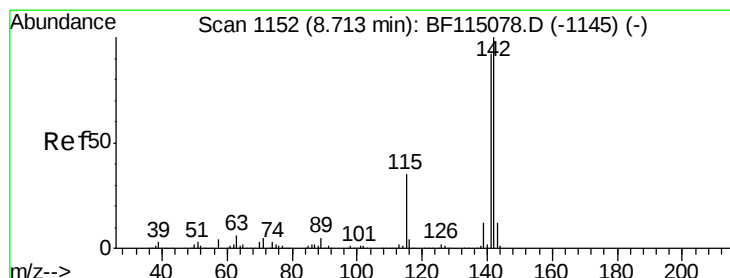
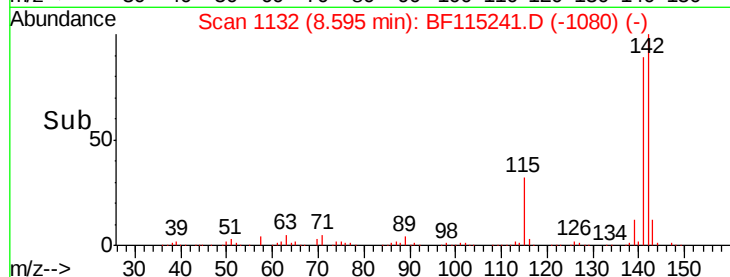
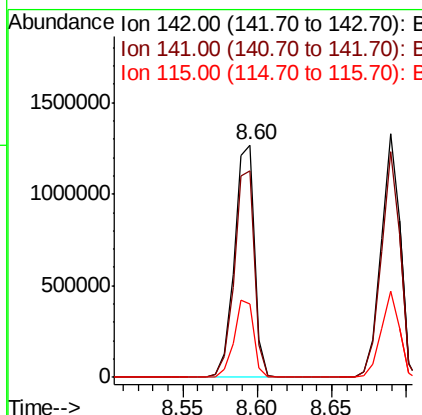
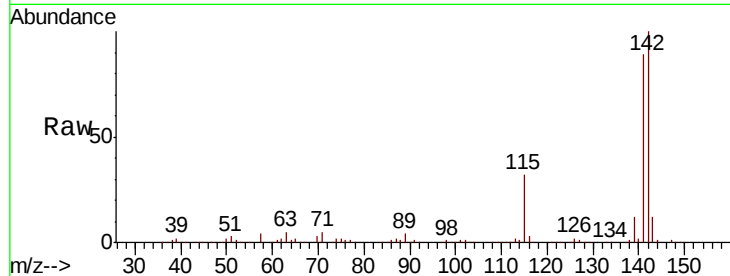
#37
2-Methylnaphthalene
Concen: 39.049 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1203050
Ion Ratio Lower Upper
142 100
141 88.8 69.8 104.6
115 31.7 26.7 40.1

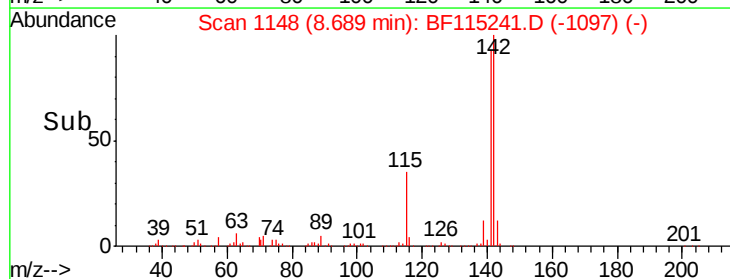
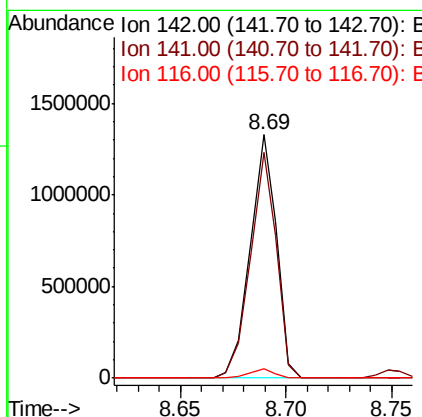
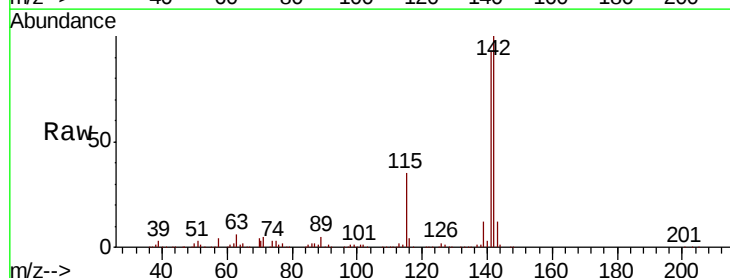
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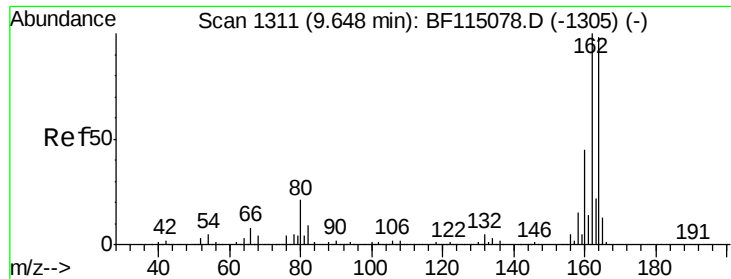
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#38
1-Methylnaphthalene
Concen: 39.083 ng
RT: 8.69 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion:142 Resp: 1149996
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.8
116 3.6 2.8 4.2





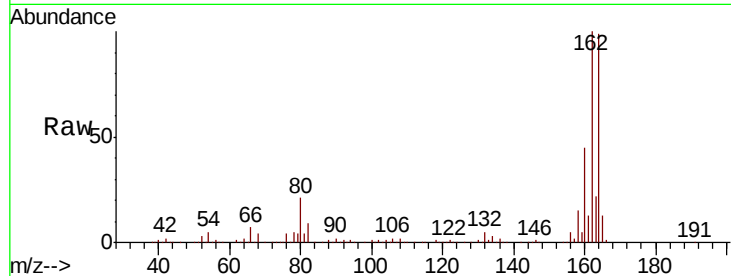
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.8	37.0	55.4

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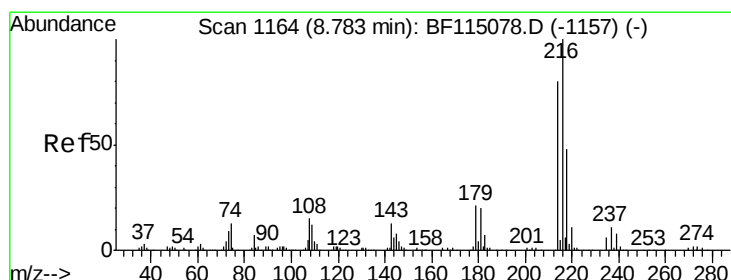
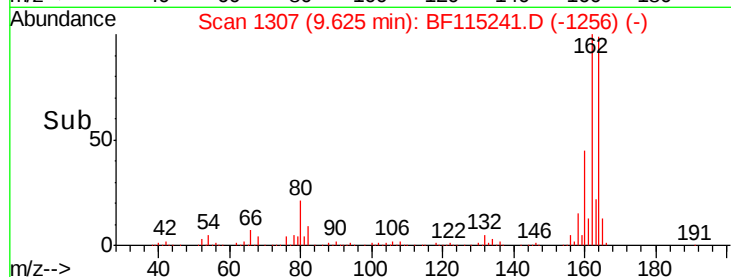
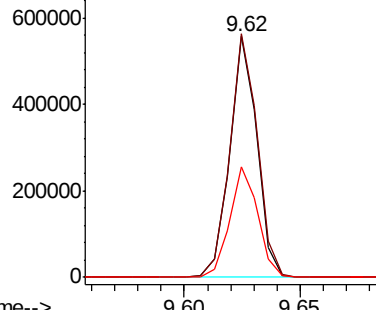


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.814 ng
RT: 8.76 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.8	95.6
179	22.0	17.6	26.4
108	18.8	15.7	23.5

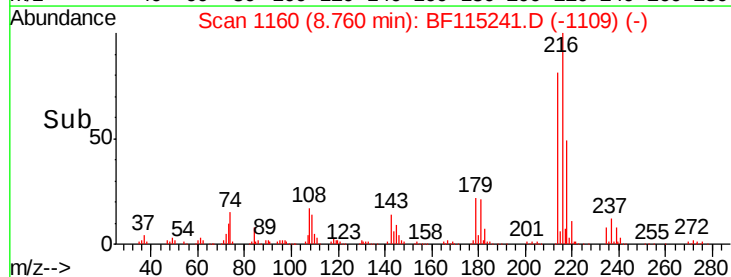
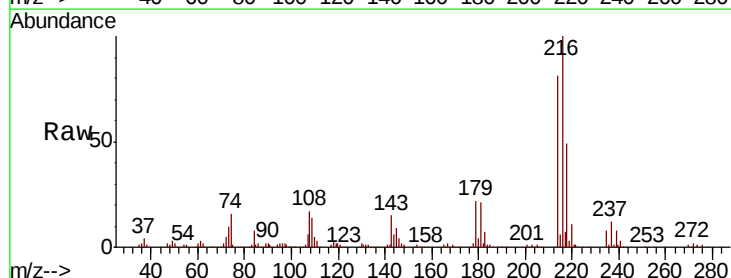
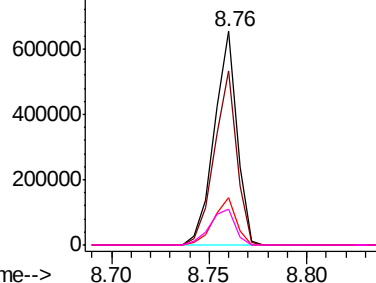
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.110 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

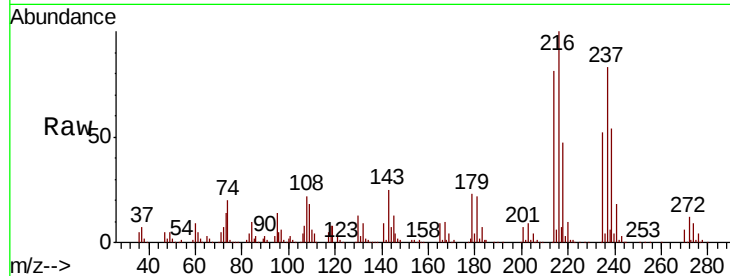
ClientSampleId :

SSTDCCC040

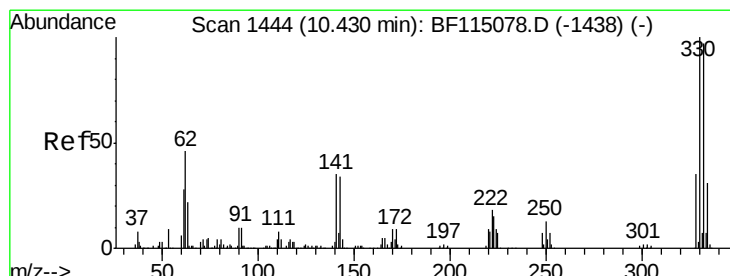
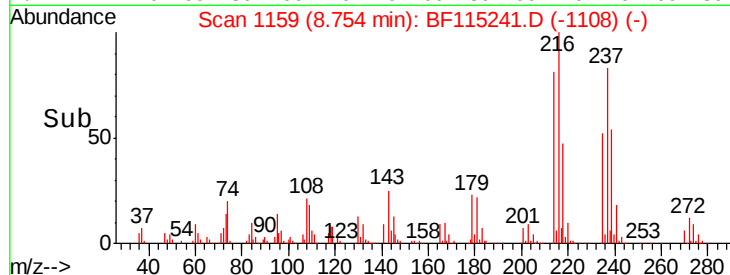
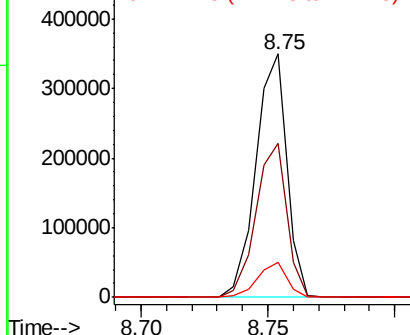
Tot Ion:	237	Resp:	299664
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.9	83.9
272	14.3	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 85.733 ng

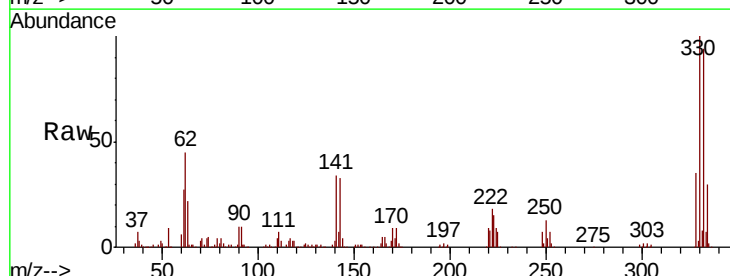
RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

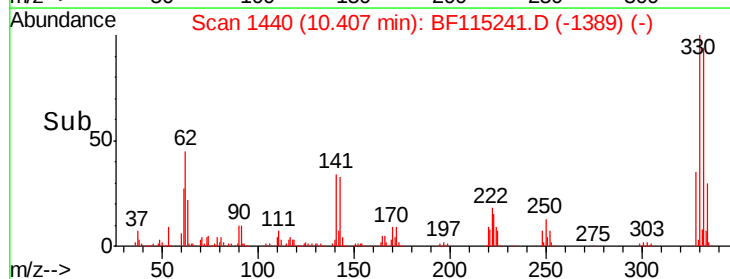
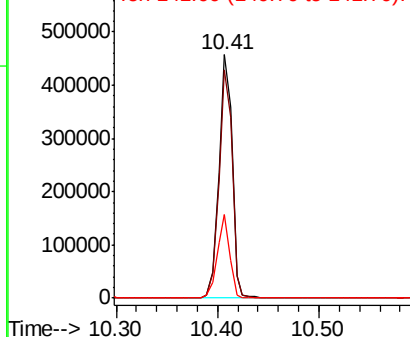
Lab File: BF115241.D

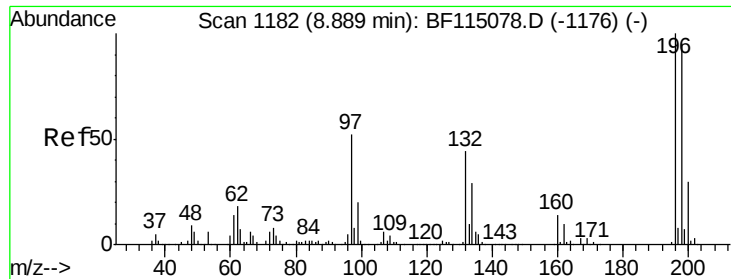
Acq: 27 Jun 2019 18:38

Tgt Ion:	330	Resp:	413415
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.3	115.9
141	32.1	28.2	42.2



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





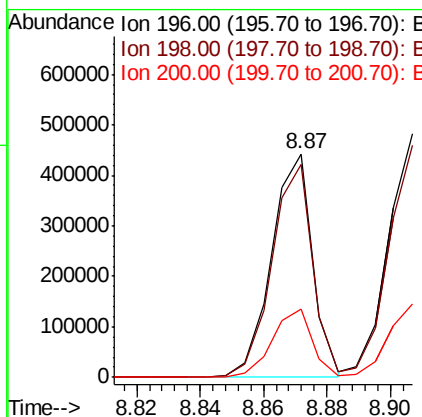
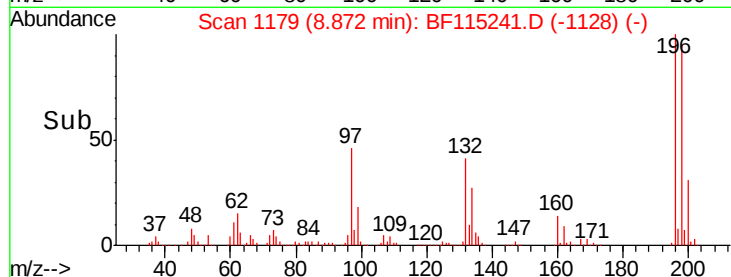
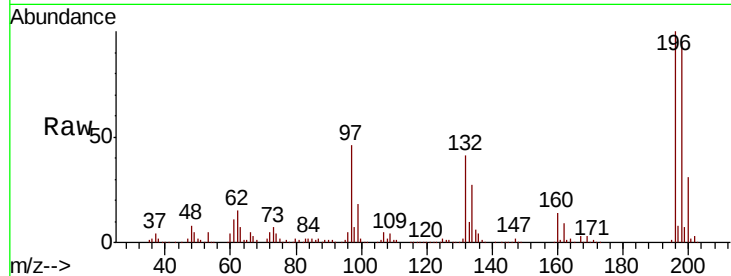
#43
 2,4,6-Trichlorophenol
 Concen: 39.833 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	397373		
198	95.3	76.3	114.5	
200	30.6	24.2	36.4	

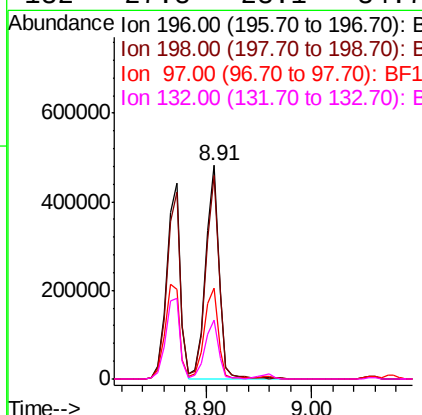
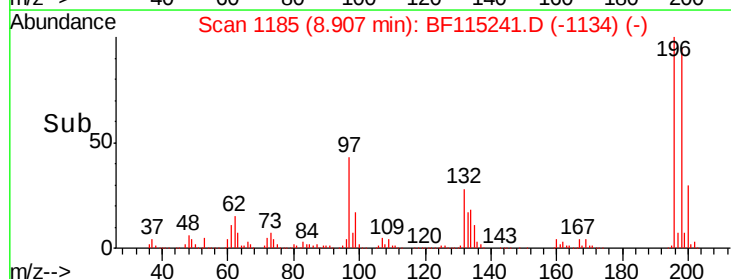
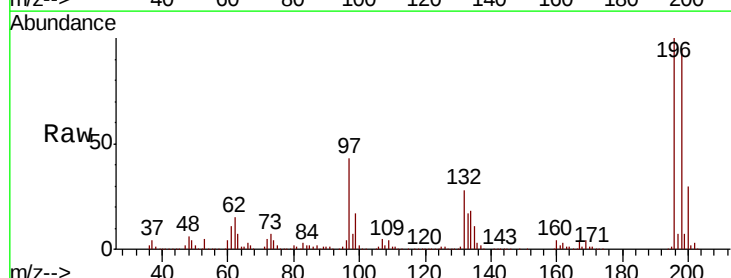
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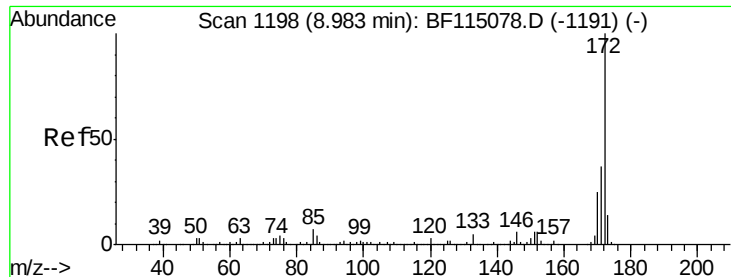
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#44
 2,4,5-Trichlorophenol
 Concen: 41.059 ng
 RT: 8.91 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	421821		
198	95.2	77.1	115.7	
97	42.5	37.7	56.5	
132	27.8	23.1	34.7	





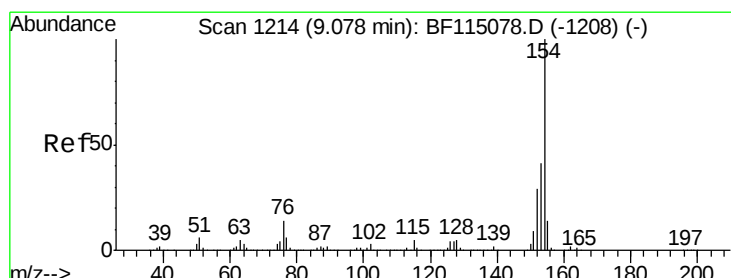
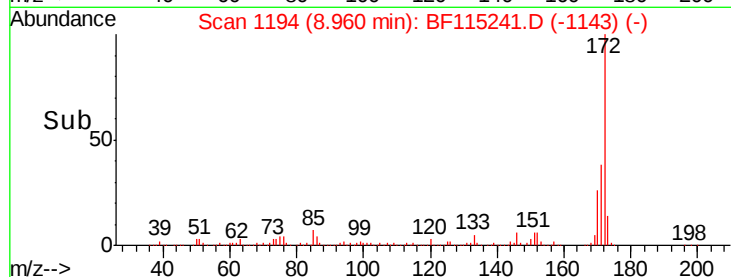
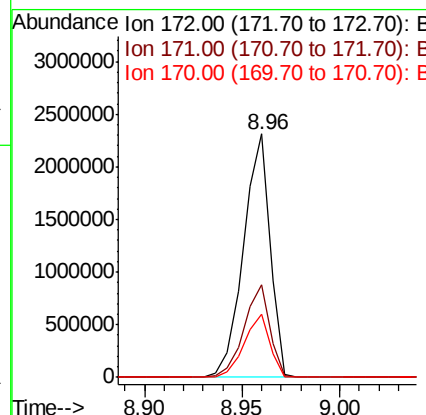
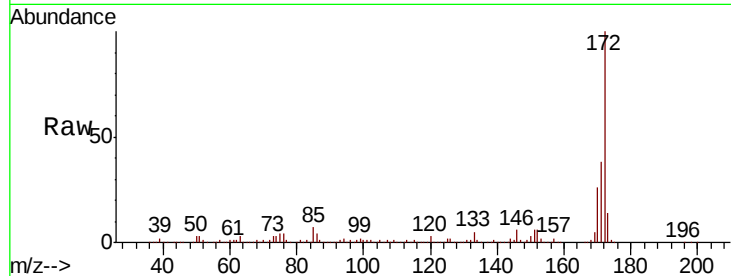
#45
 2-Fluorobiphenyl
 Concen: 81.173 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.8	44.6
170	25.8	20.3	30.5

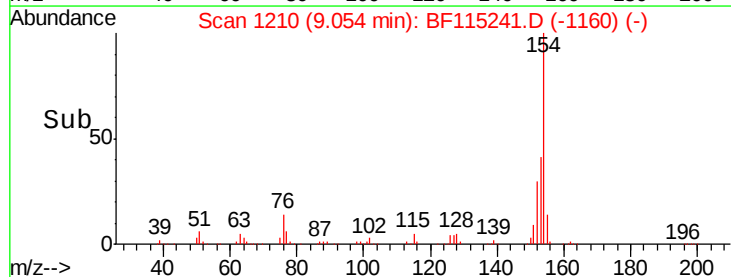
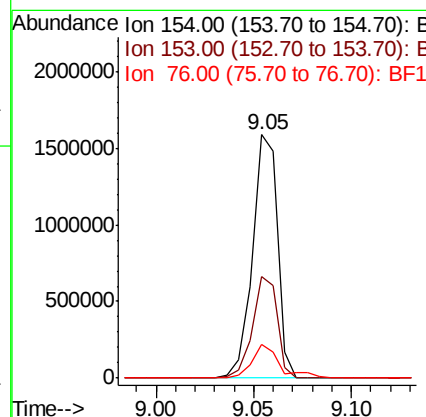
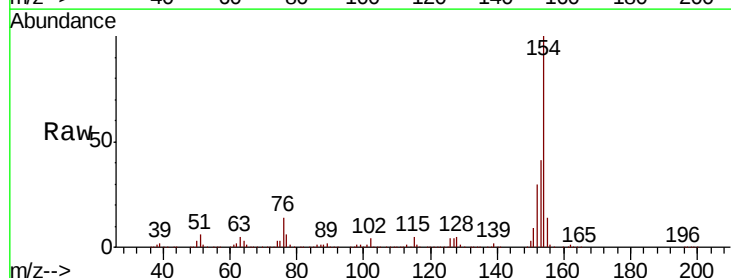
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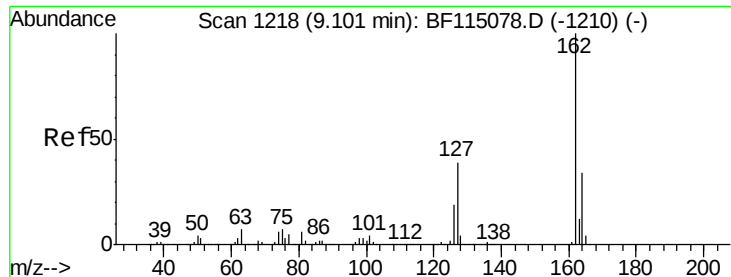
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#46
 1,1'-Biphenyl
 Concen: 38.537 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	14.1	0.0	34.1





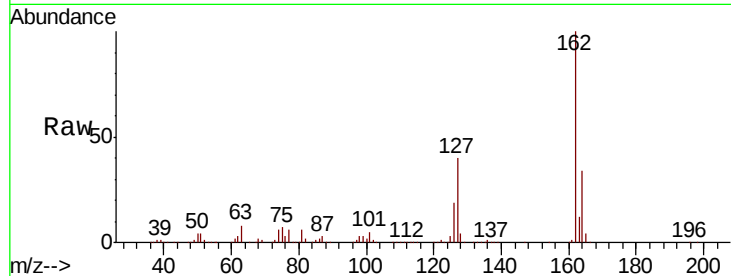
#47
2-Chloronaphthalene
Concen: 39.544 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

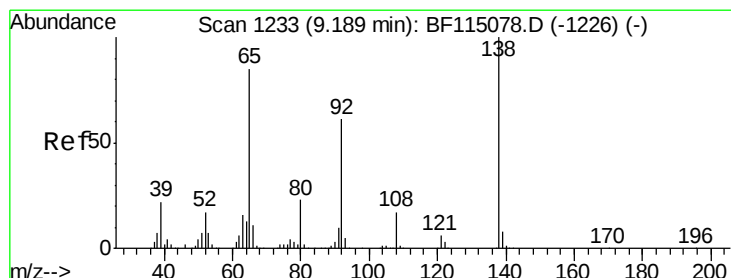
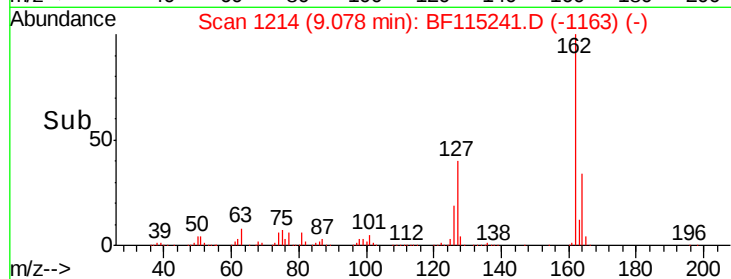
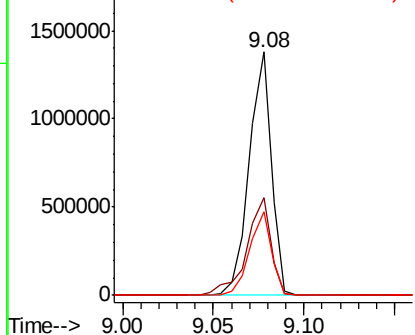
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.8	46.2
164	34.4	27.0	40.4

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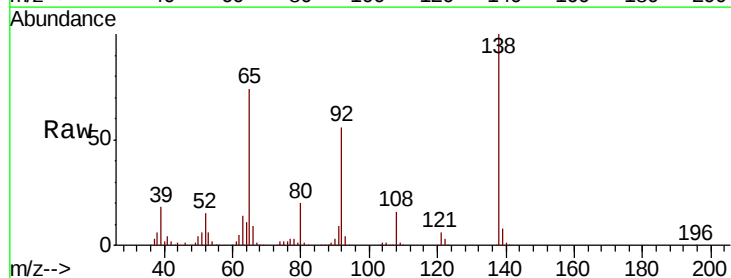


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

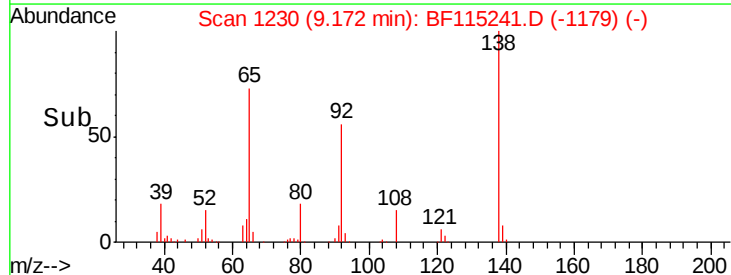
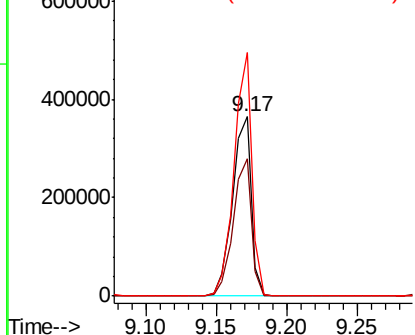


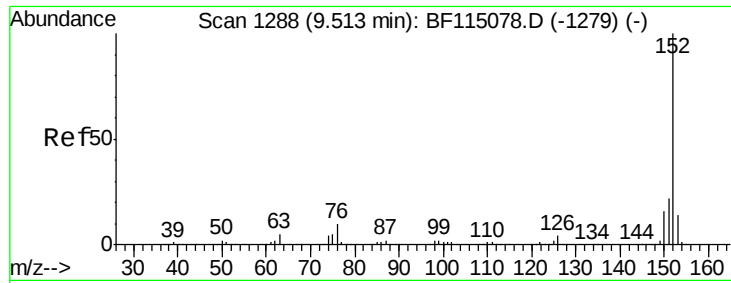
#48
2-Nitroaniline
Concen: 39.261 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.6	57.4	86.2
138	135.8	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: 39.209 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:152 Resp: 1813052

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

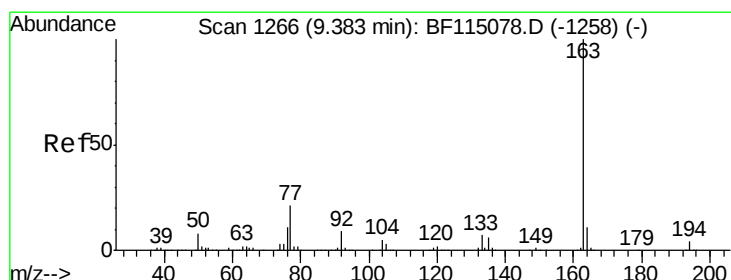
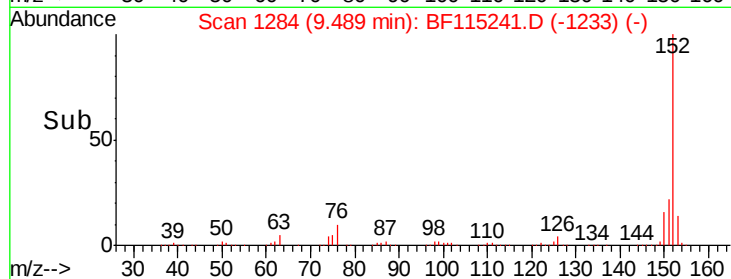
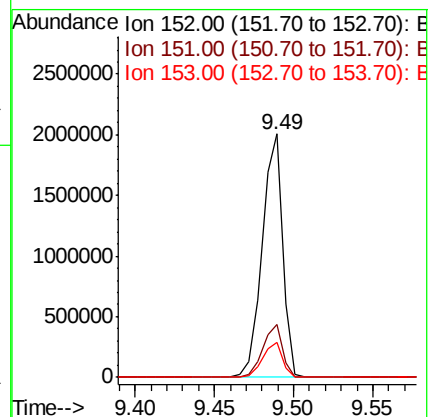
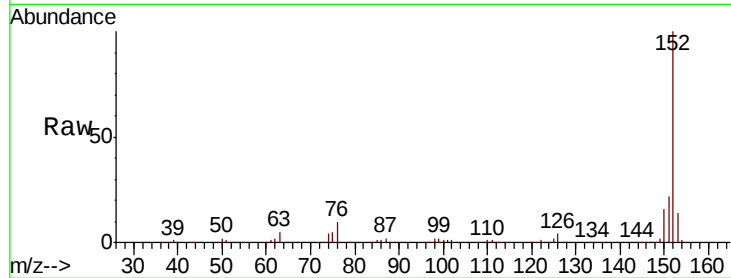
153 14.1 11.0 16.6

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#50

Dimethylphthalate

Concen: 39.743 ng

RT: 9.36 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

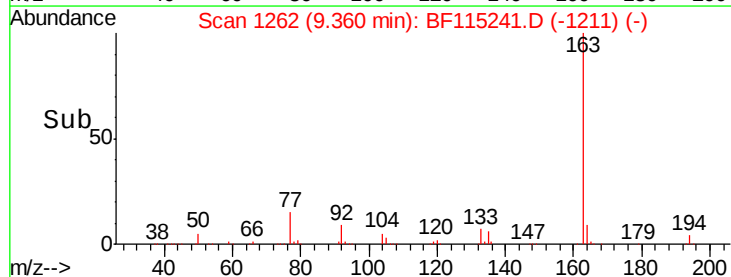
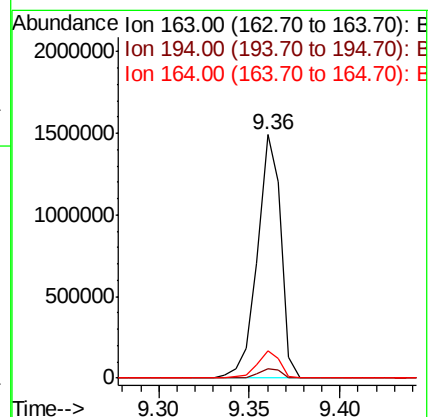
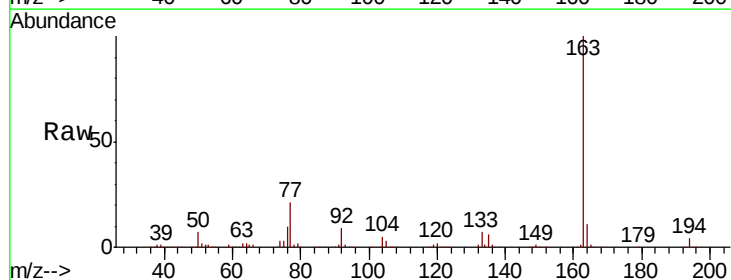
Tgt Ion:163 Resp: 1337047

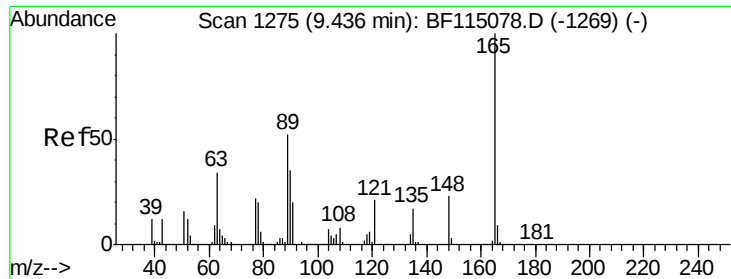
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 11.0 8.6 13.0





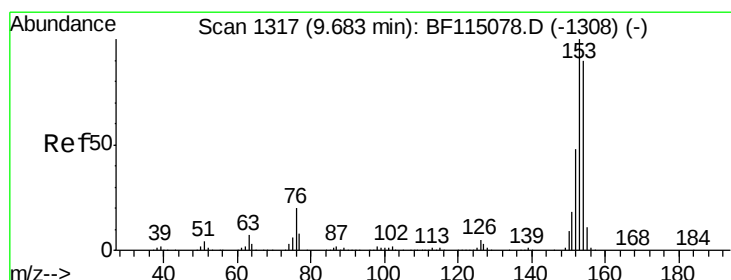
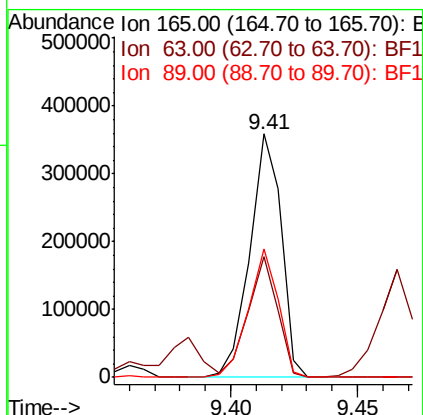
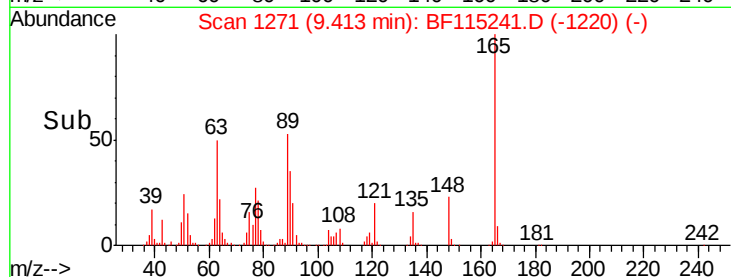
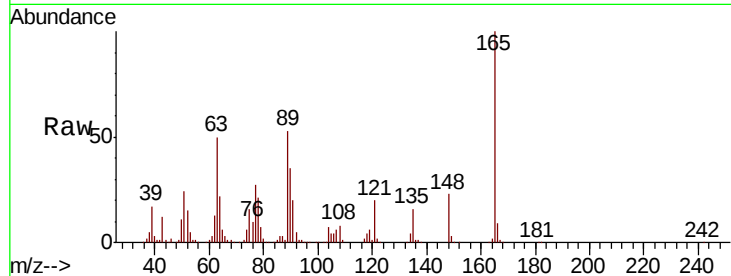
#51
2,6-Dinitrotoluene
Concen: 40.020 ng
RT: 9.41 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	310835		
63	49.6		39.4	59.2
89	52.7		42.0	63.0

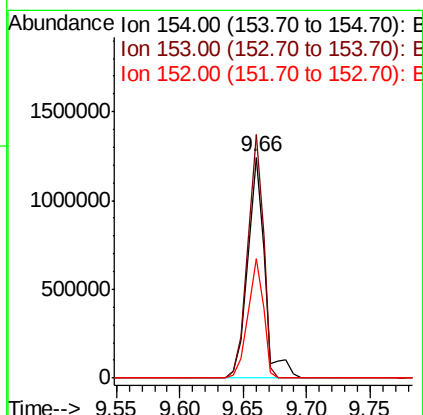
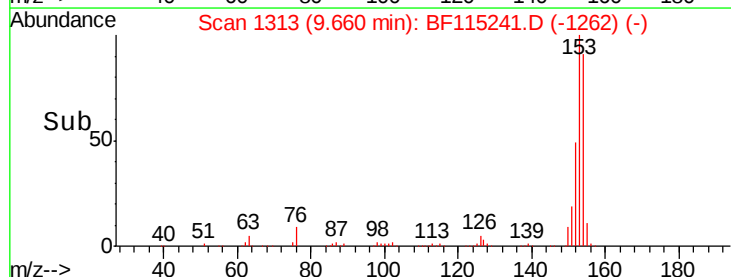
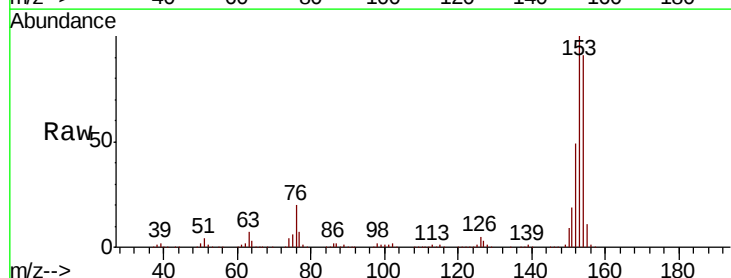
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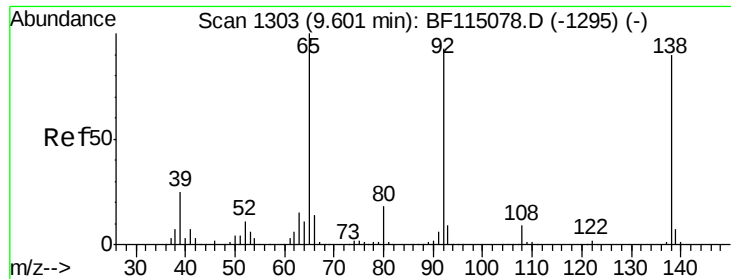
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#52
Acenaphthene
Concen: 39.693 ng
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1148512		
153	110.3		88.7	133.1
152	54.3		42.6	64.0





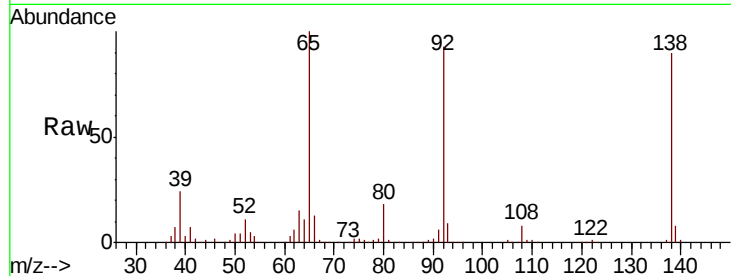
#53
3-Nitroaniline
Concen: 38.922 ng
RT: 9.58 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	103.4	82.9	124.3

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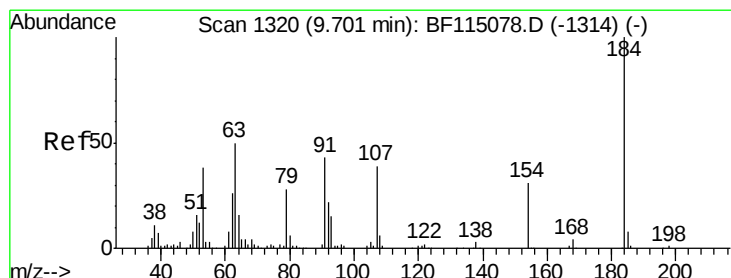
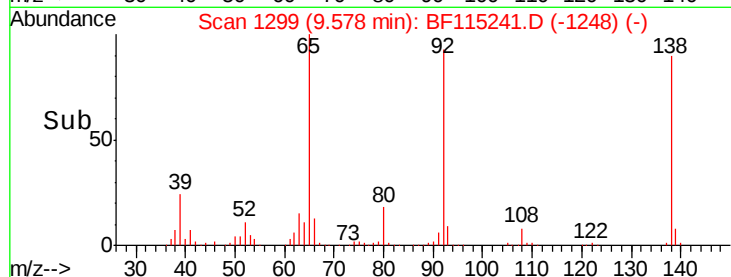
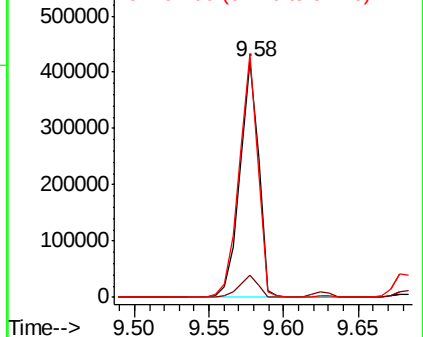


Abundance

Ion 138.00 (137.70 to 138.70): E

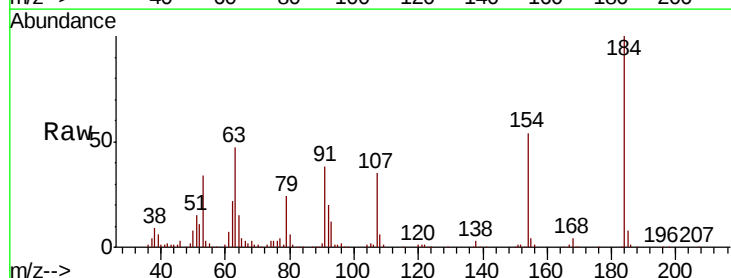
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 43.749 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.2	41.9	62.9
154	53.6	44.7	67.1

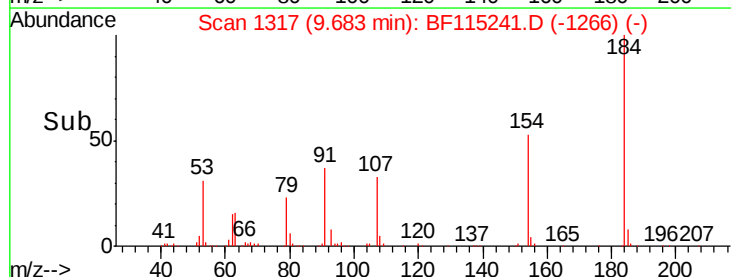
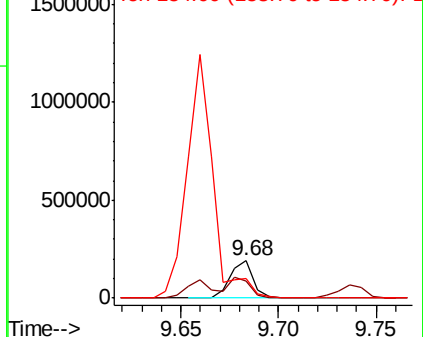


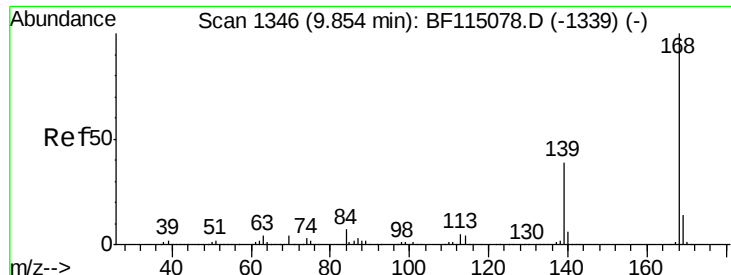
Abundance

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





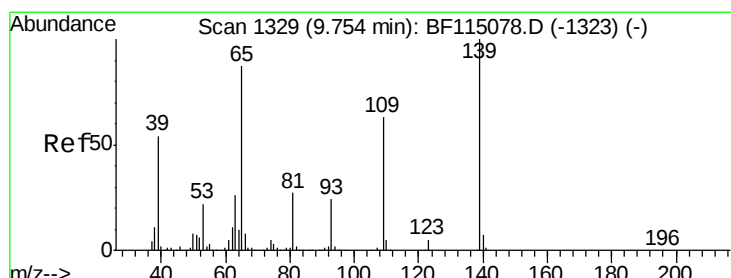
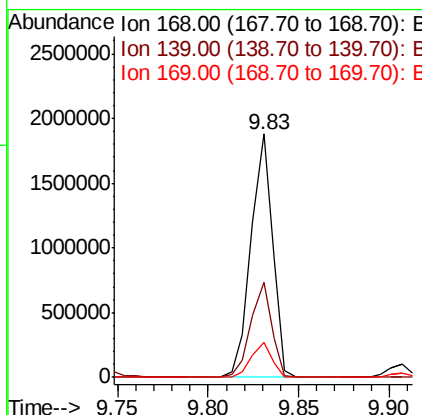
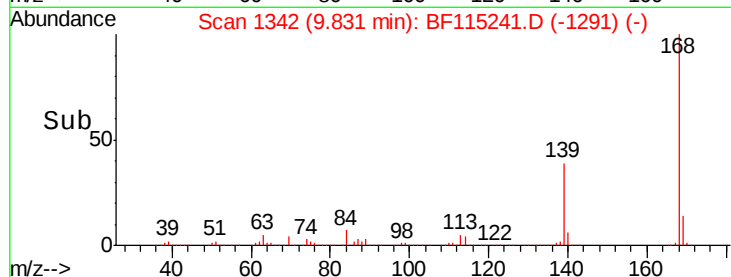
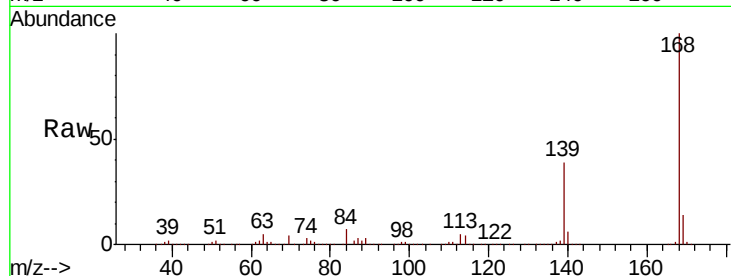
#55
Dibenzofuran
Concen: 37.596 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.1	46.7
169	14.4	11.3	16.9

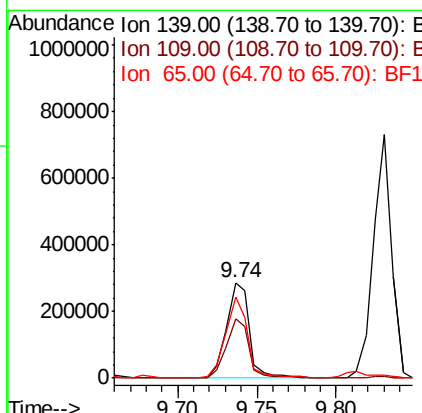
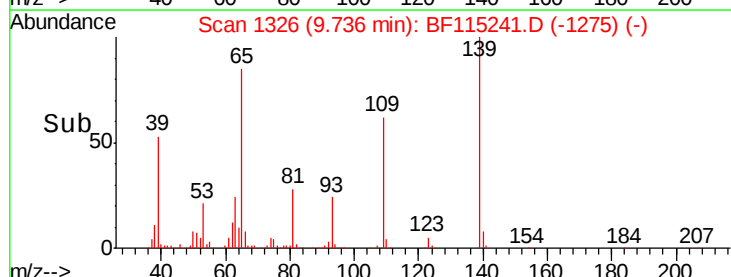
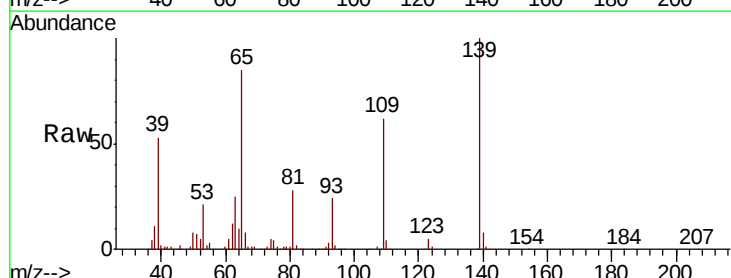
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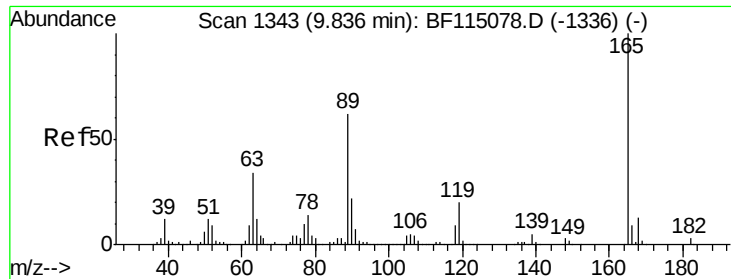
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#56
4-Nitrophenol
Concen: 37.905 ng
RT: 9.74 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	43.0	83.0
65	85.4	67.0	107.0





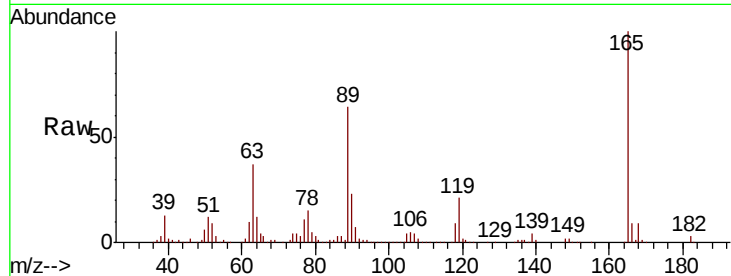
#57
2,4-Dinitrotoluene
Concen: 40.704 ng
RT: 9.81 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	408217		
63	36.9	27.5	41.3	
89	63.5	49.9	74.9	
182	2.7	2.1	3.1	

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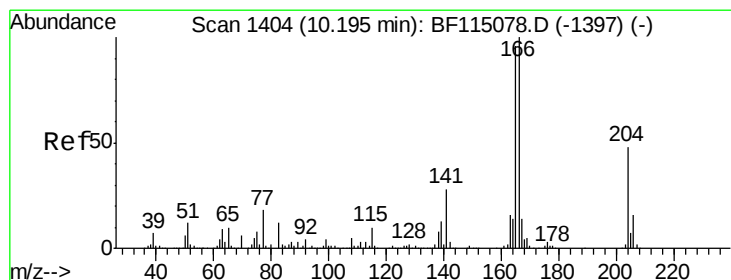
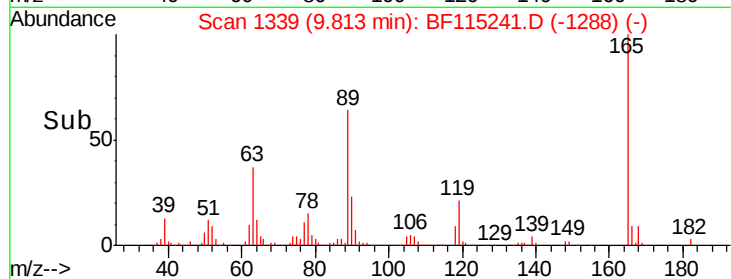
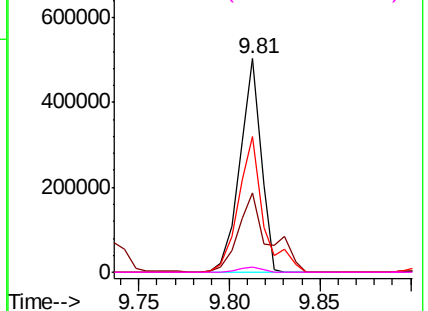
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

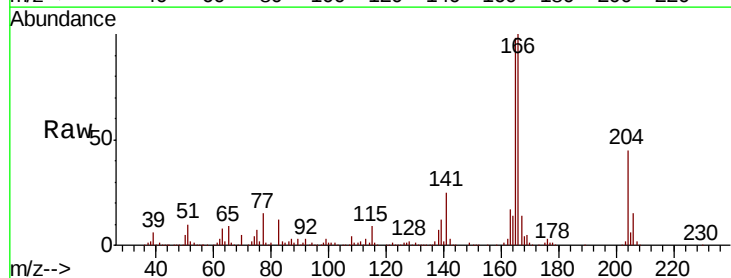
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.879 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1123393		
165	97.5	76.5	114.7	
167	14.0	11.0	16.4	

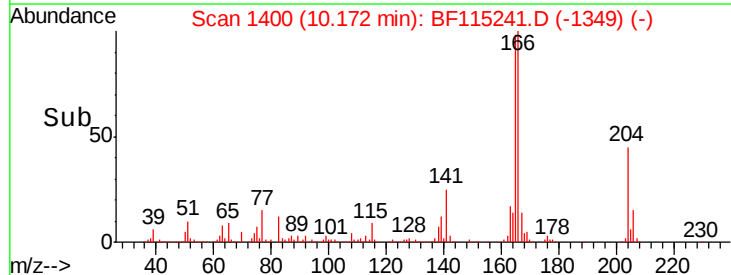
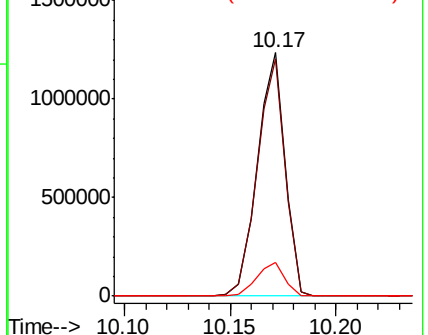


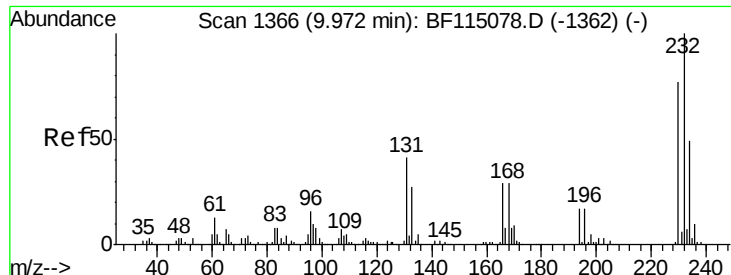
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





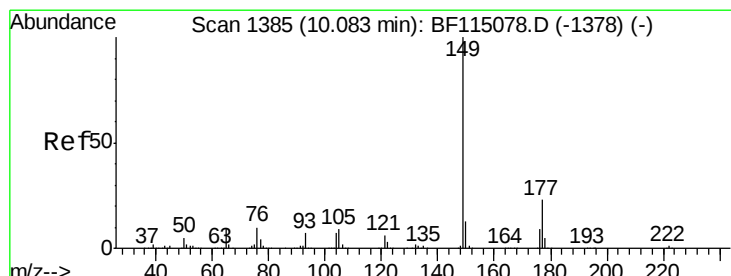
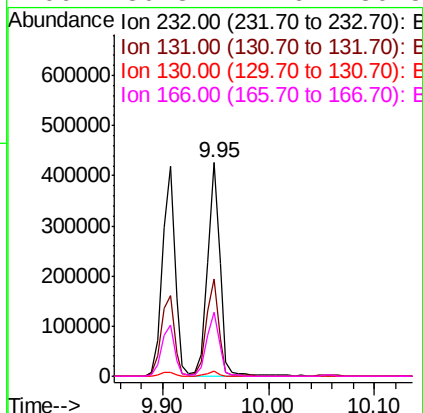
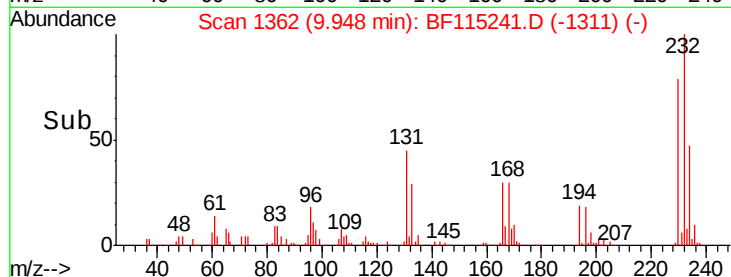
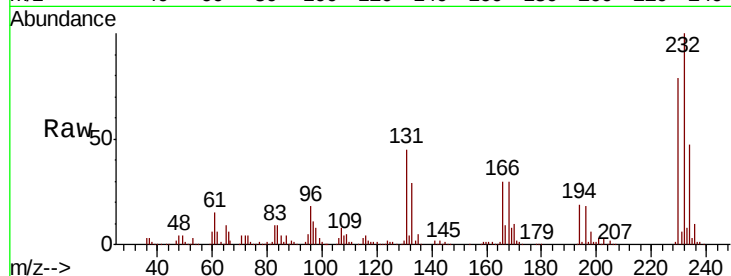
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.557 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.1	1.8	2.6
166	30.3	24.6	36.8

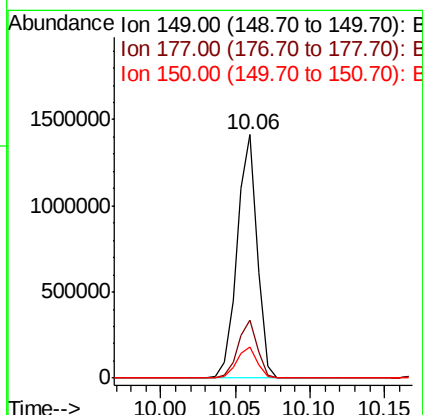
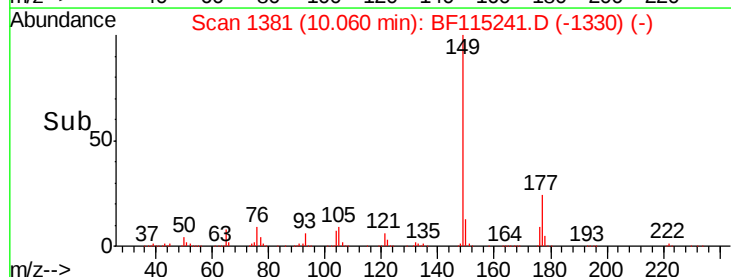
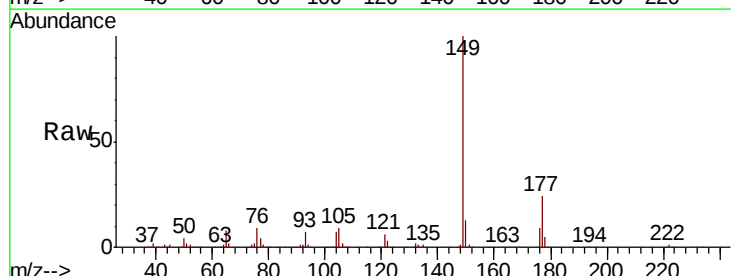
Manual Integrations
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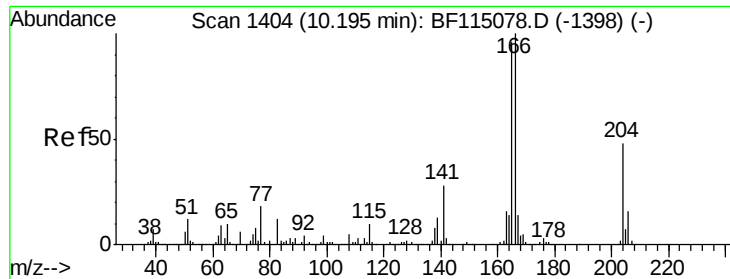
mohammad
 6/28/2019 2:58:30 PM



#60
 Diethylphthalate
 Concen: 39.079 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.7	28.1
150	13.0	10.4	15.6





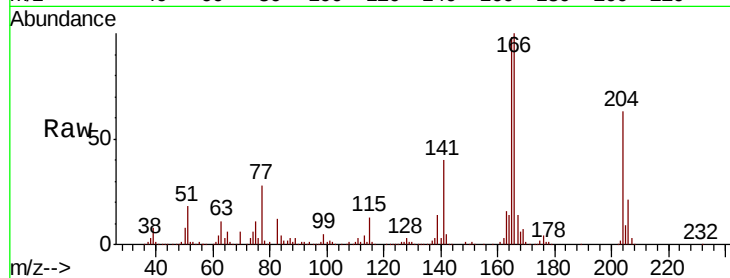
#61
4-Chlorophenyl-phenylether
Concen: 41.825 ng
RT: 10.17 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	63.6	46.7	70.1

Manual Integrations
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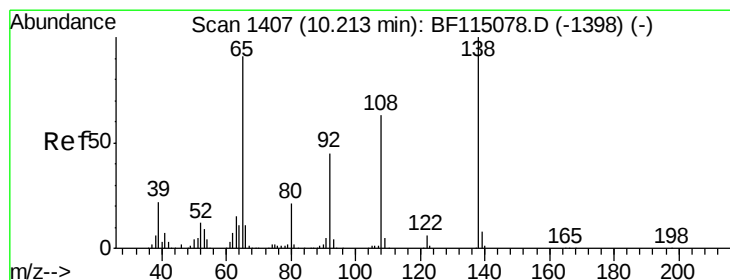
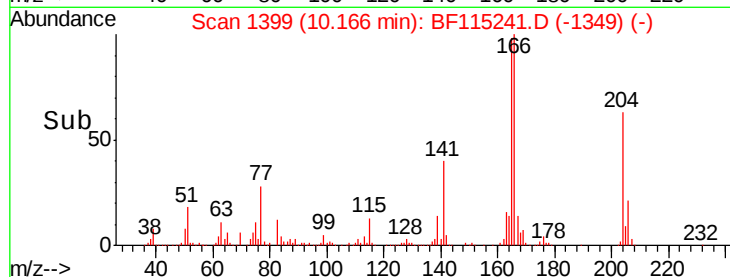
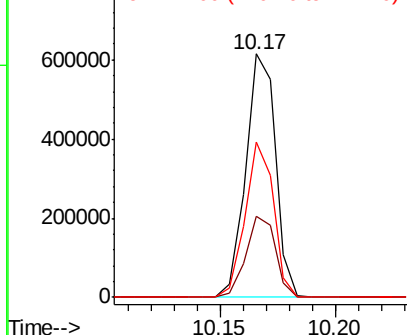


Abundance

Ion 204.00 (203.70 to 204.70): E

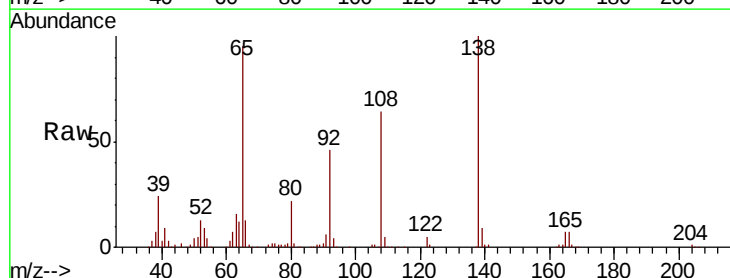
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.760 ng
RT: 10.18 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	24.8	64.8
108	64.4	43.3	83.3

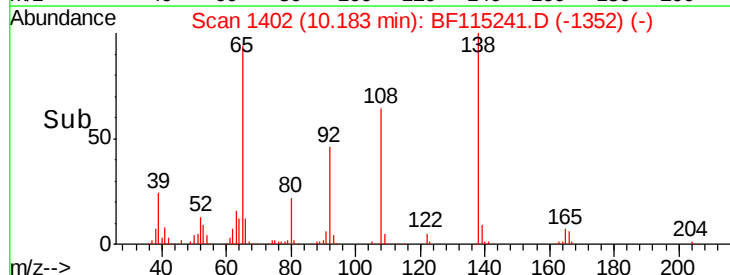
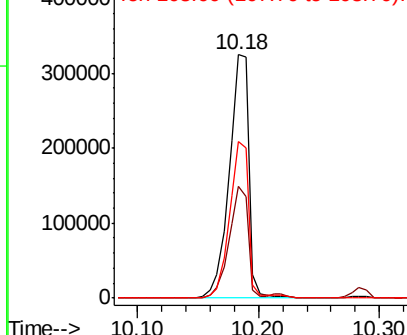


Abundance

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





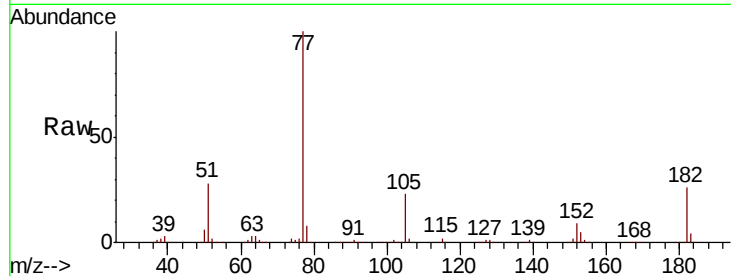
#63
Azobenzene
Concen: 37.933 ng
RT: 10.32 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

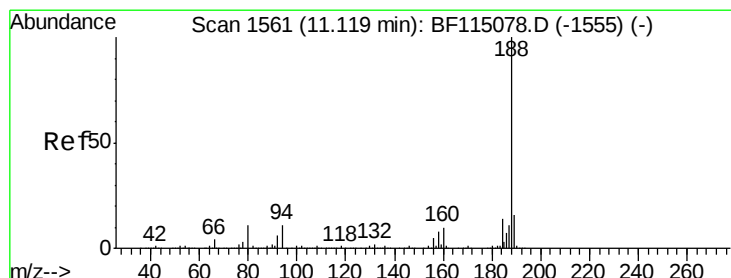
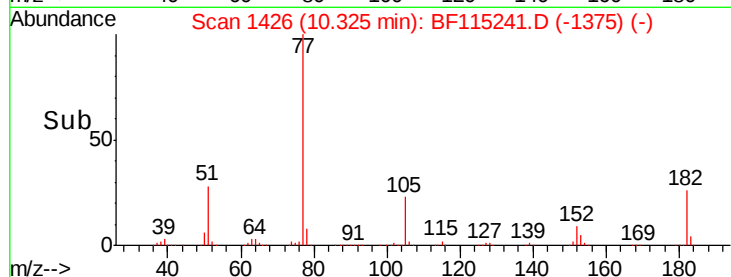
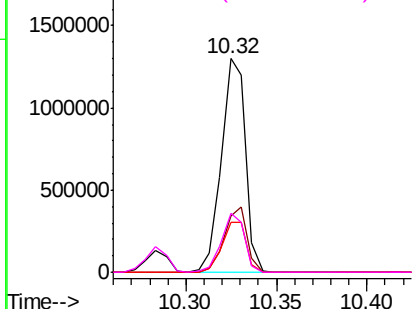
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	10.1	50.1
105	23.4	4.5	44.5
51	27.6	6.4	46.4

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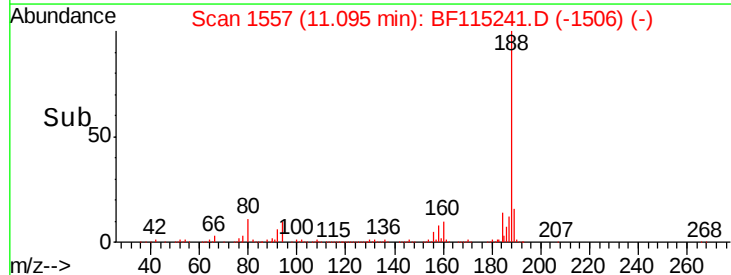
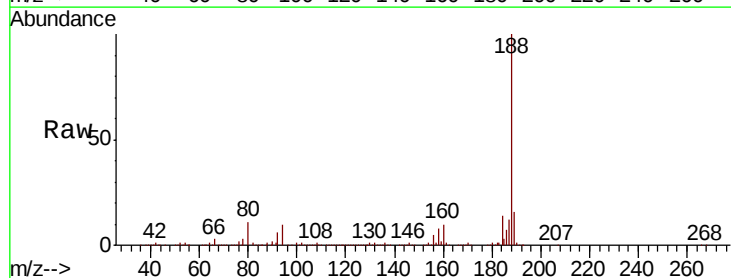
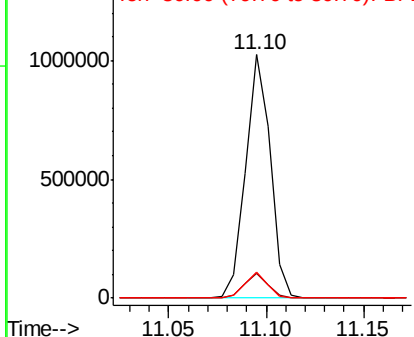
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.5	8.8	13.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





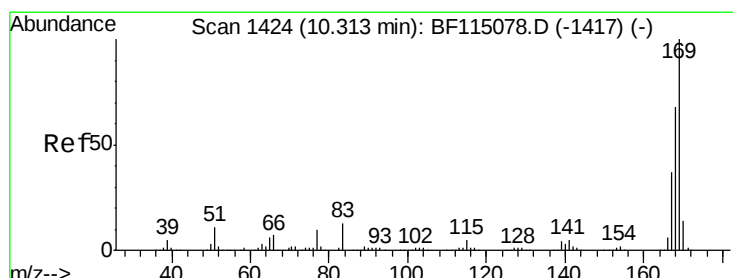
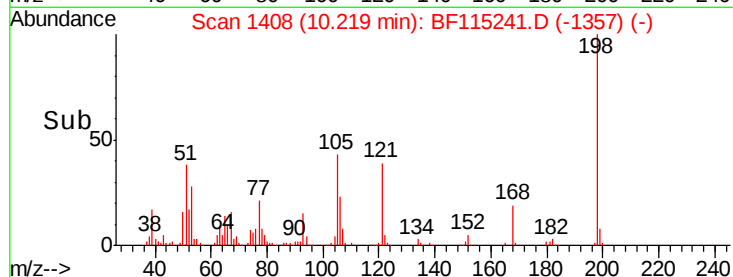
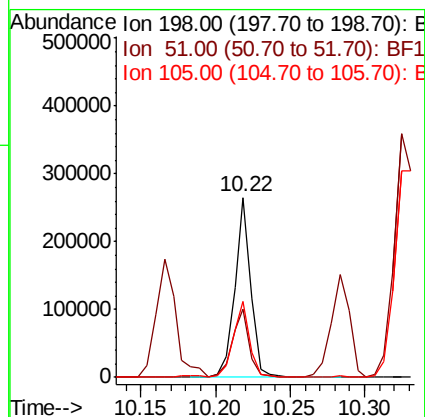
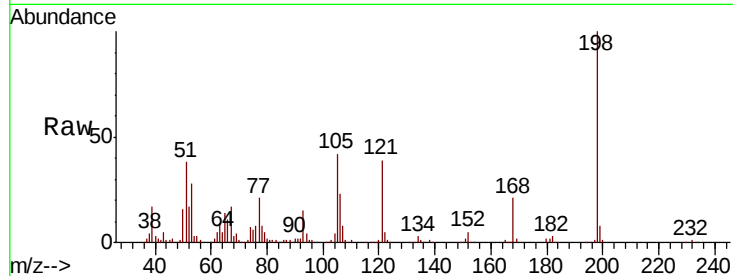
#65
4,6-Dinitro-2-methylphenol
Concen: 43.185 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	202820		
51	38.0	11.0	51.0	
105	42.5	17.3	57.3	

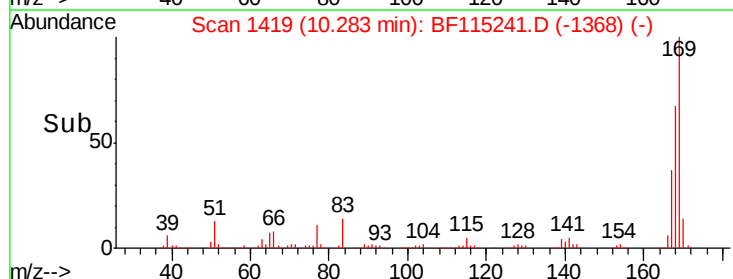
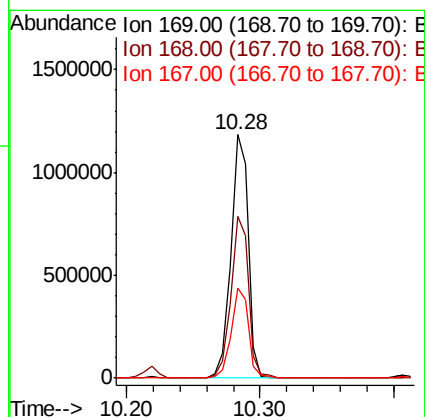
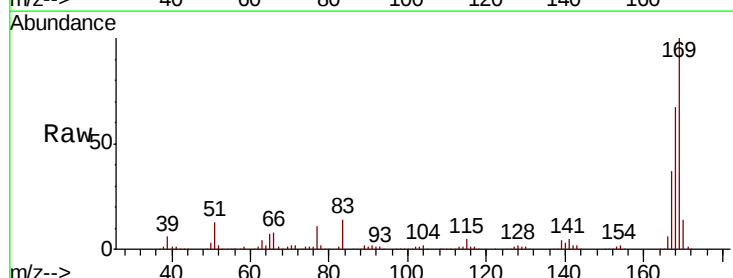
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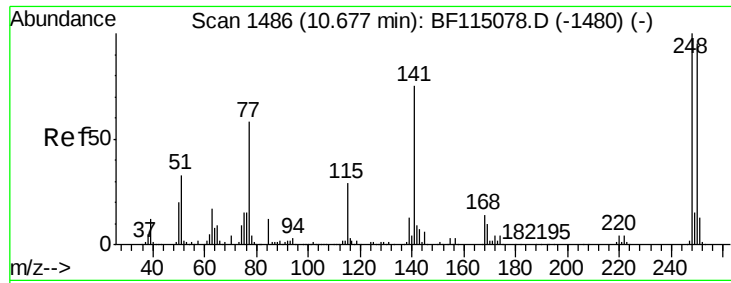
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.898 ng
RT: 10.28 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1083581		
168	66.5	54.2	81.4	
167	36.7	29.4	44.0	





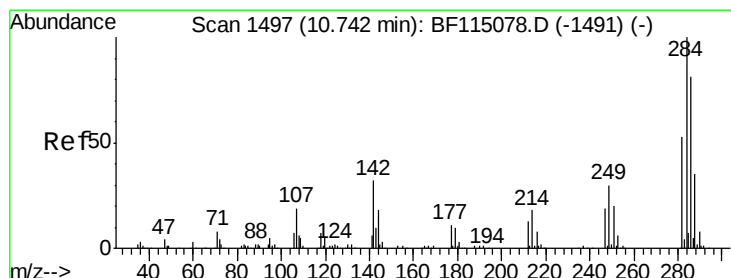
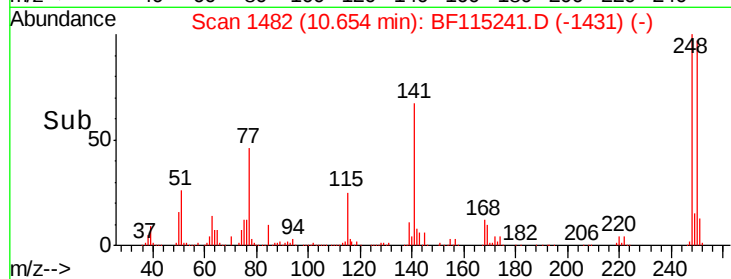
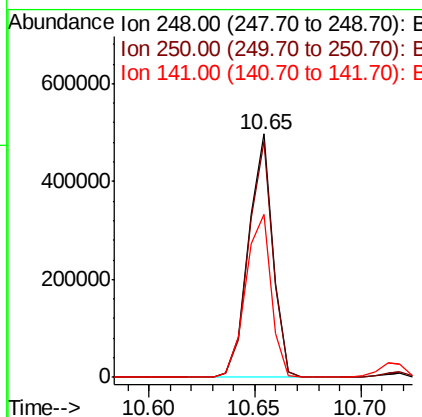
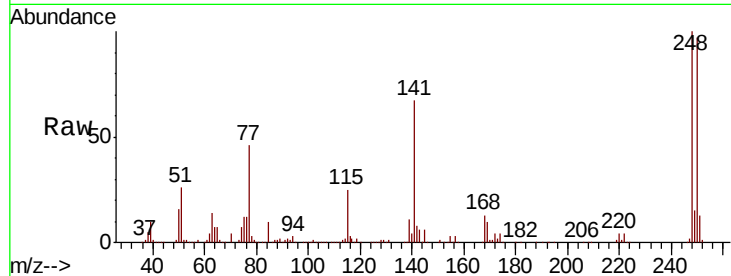
#67
4-Bromophenyl-phenylether
Concen: 40.867 ng
RT: 10.65 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.2	114.2
141	67.2	59.6	89.4

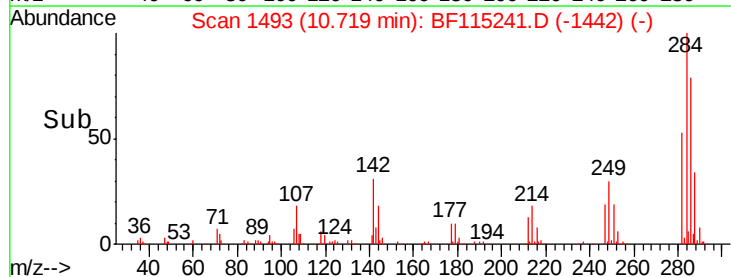
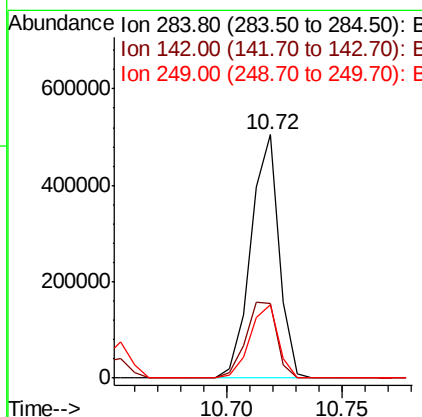
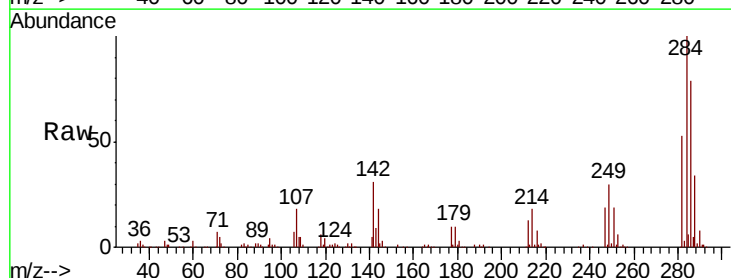
Manual Integrations
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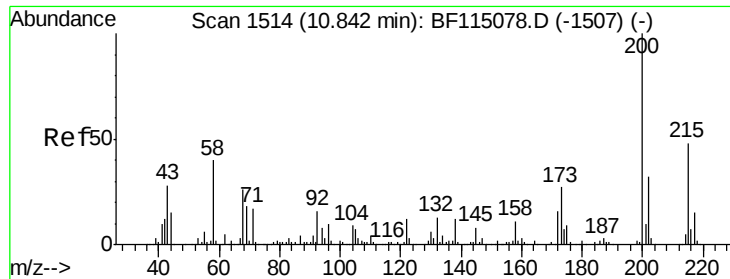
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#68
Hexachlorobenzene
Concen: 40.965 ng
RT: 10.72 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.8
249	30.1	24.2	36.4





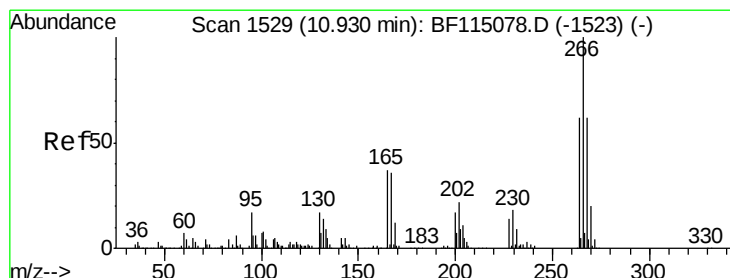
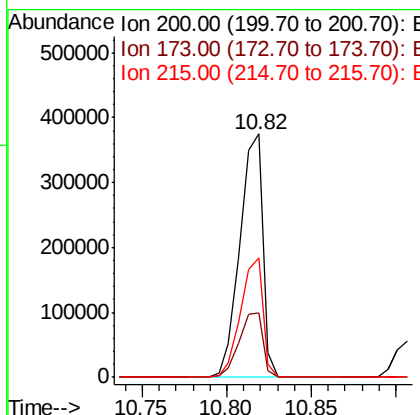
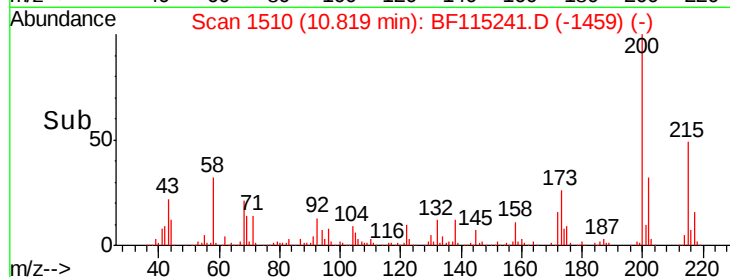
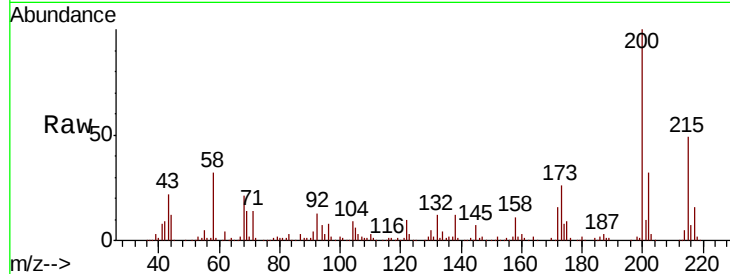
#69
Atrazine
Concen: 39.679 ng
RT: 10.82 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.4	47.4
215	49.0	27.8	67.8

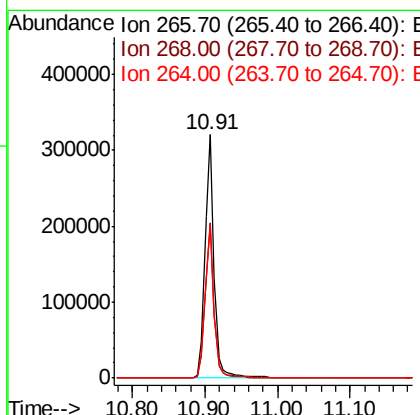
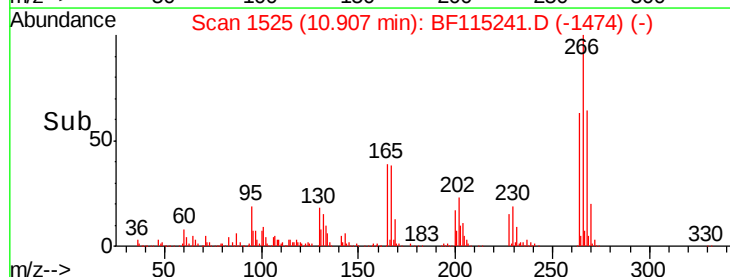
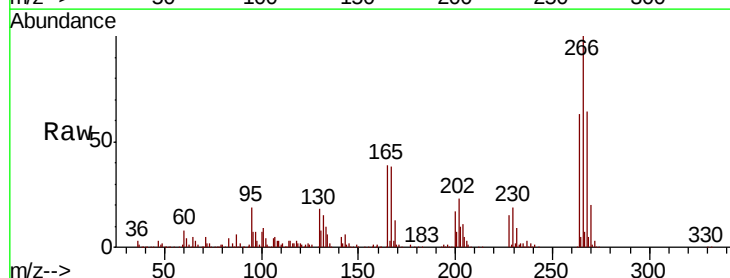
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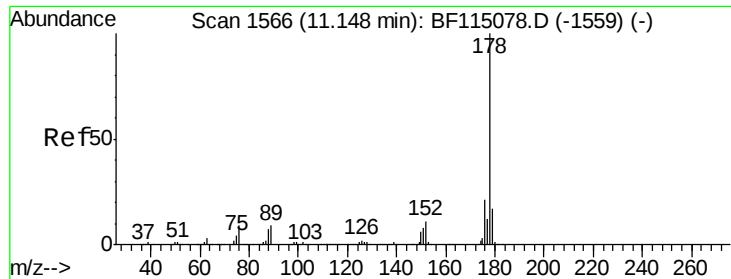
mohammad
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#70
Pentachlorophenol
Concen: 41.979 ng
RT: 10.91 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.5	74.3
264	63.0	49.3	73.9





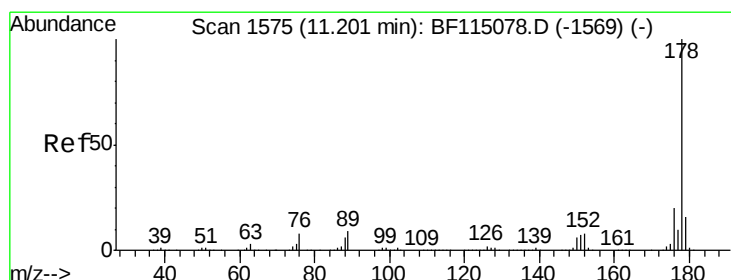
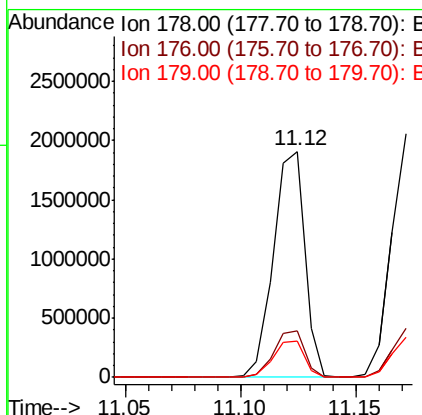
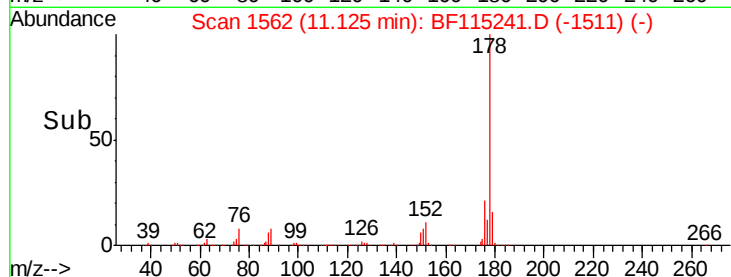
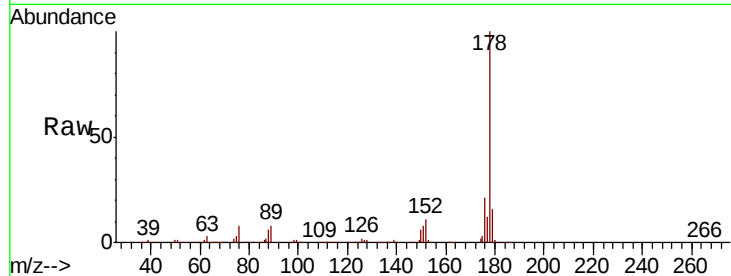
#71
Phenanthrene
Concen: 37.318 ng
RT: 11.12 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:178 Resp: 1796594
Ion Ratio Lower Upper
178 100
176 20.8 16.9 25.3
179 16.2 13.2 19.8

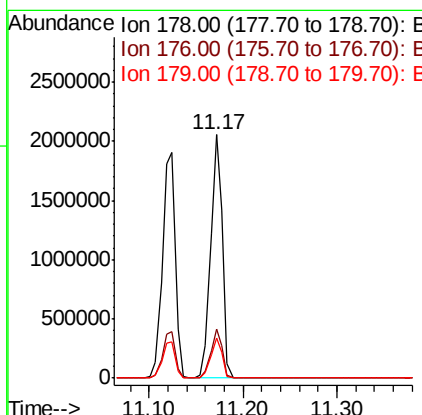
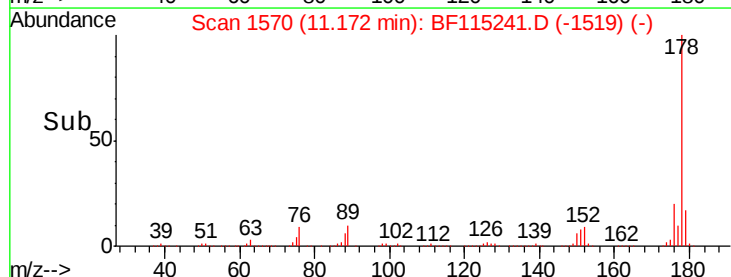
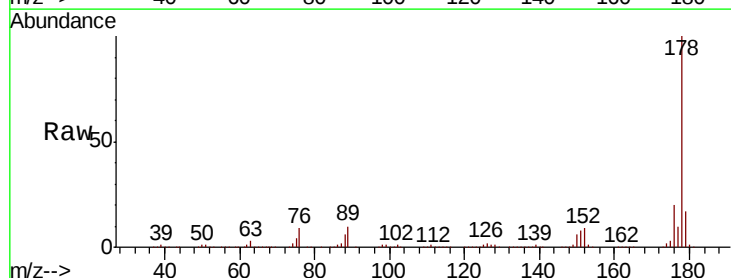
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#72
Anthracene
Concen: 37.451 ng
RT: 11.17 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion:178 Resp: 1819991
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.7 12.9 19.3





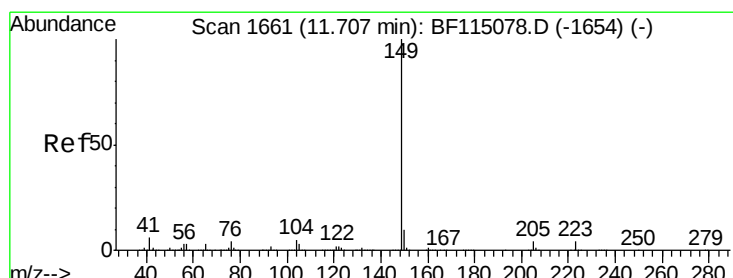
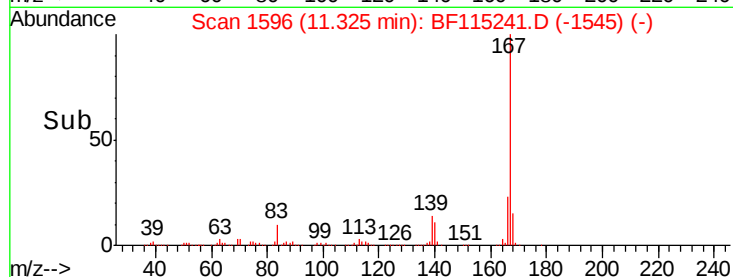
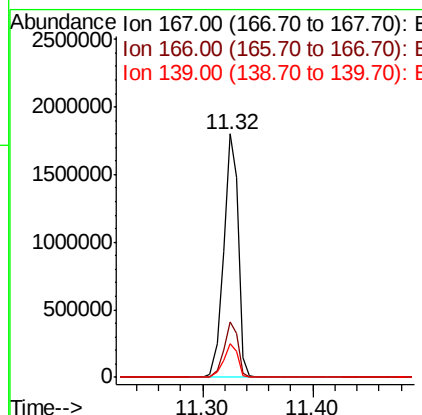
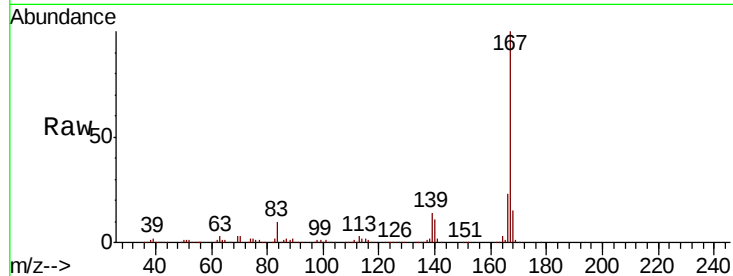
#73
 Carbazole
 Concen: 38.030 ng
 RT: 11.32 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	13.8	11.1	16.7

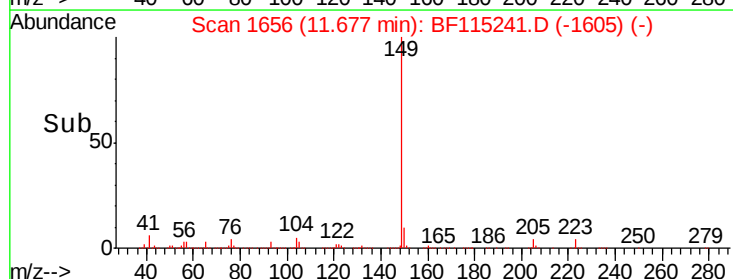
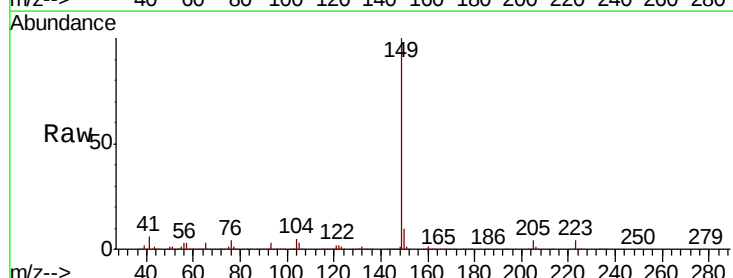
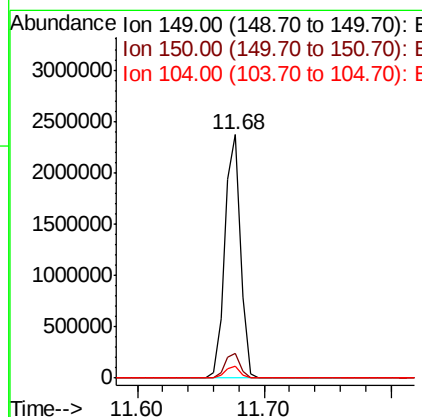
Manual Integrations
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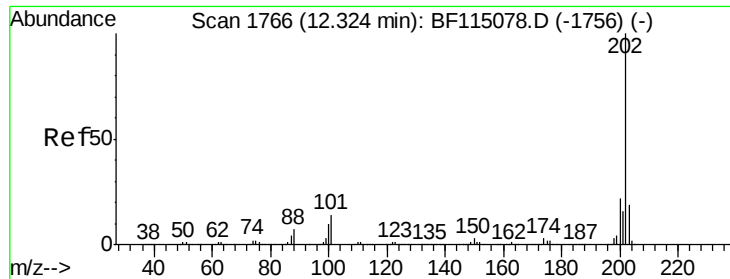
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.762 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 38.226 ng

RT: 12.30 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

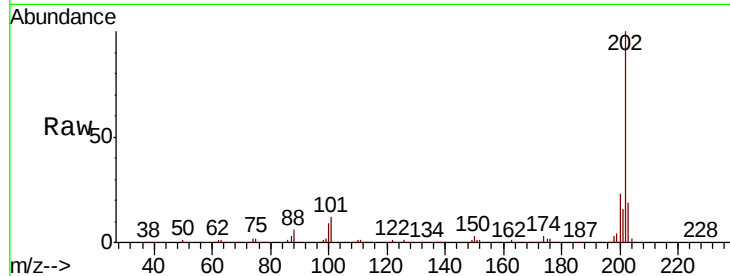
ClientSampleId :

SSTDCCC040

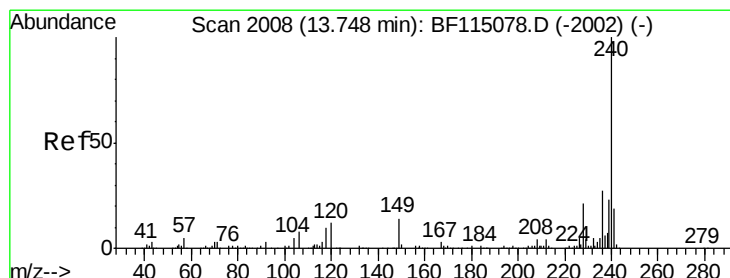
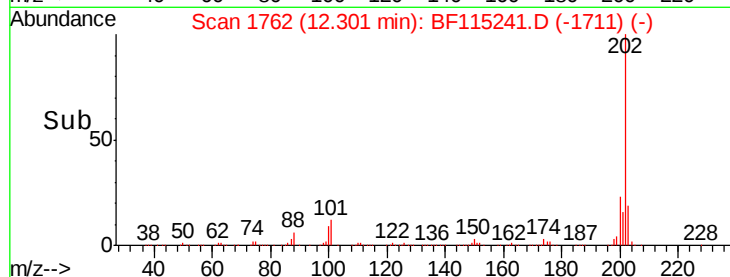
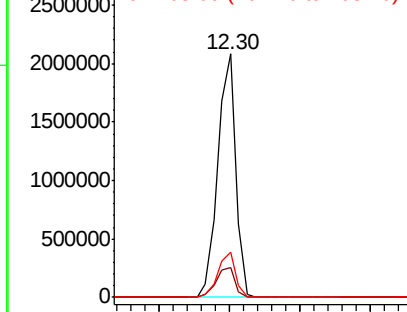
Tot Ion:	202	Resp:	1836133
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.0
203	18.6	0.0	38.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

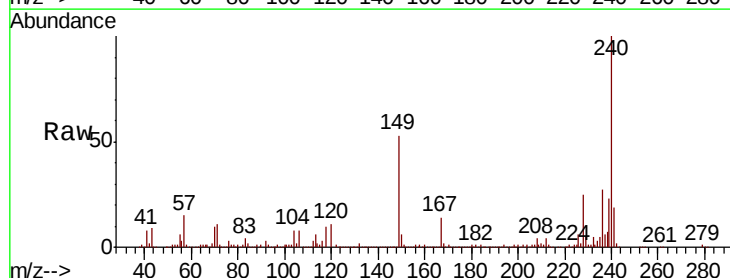
RT: 13.72 min Scan# 2003

Delta R.T. 0.00 min

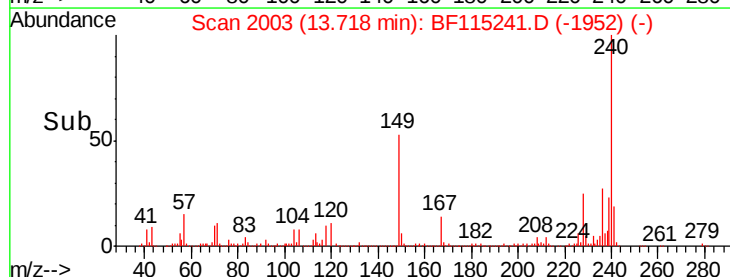
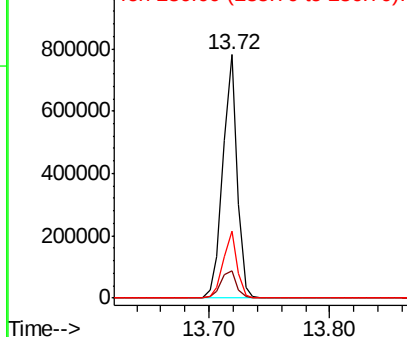
Lab File: BF115241.D

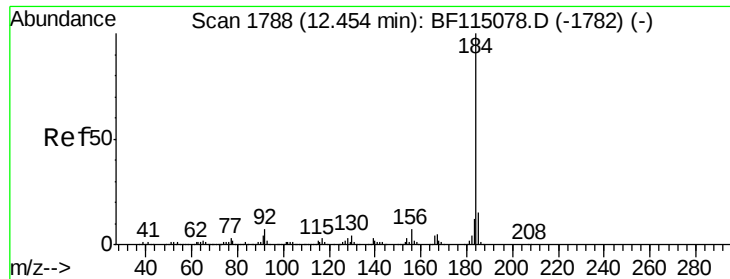
Acq: 27 Jun 2019 18:38

Tgt Ion:	240	Resp:	635640
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	27.5	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.734 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1008591

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

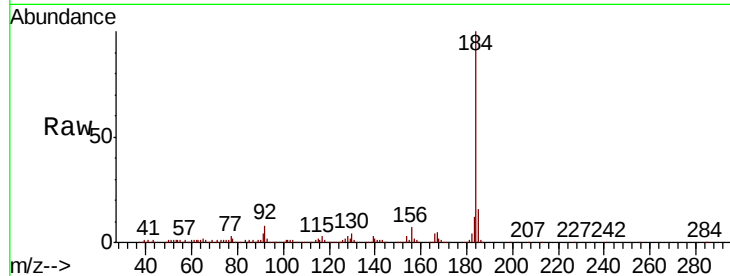
183 11.8 9.6 14.4

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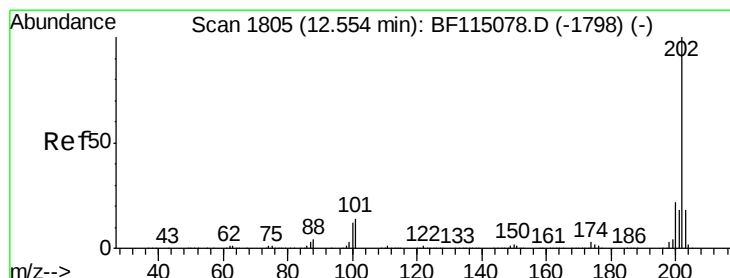
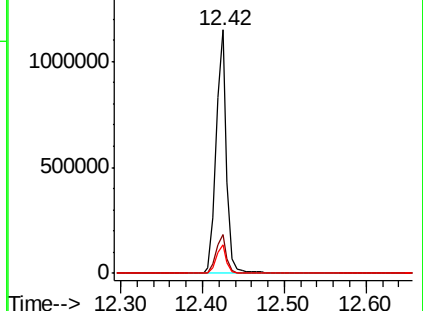
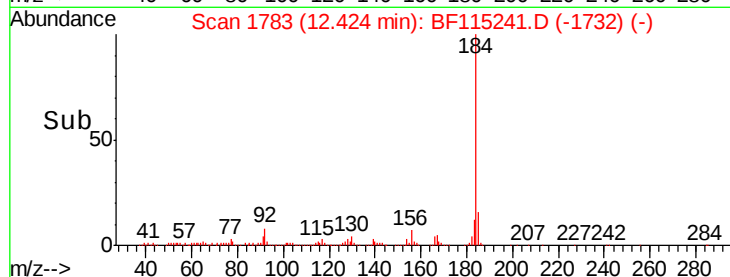
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.604 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

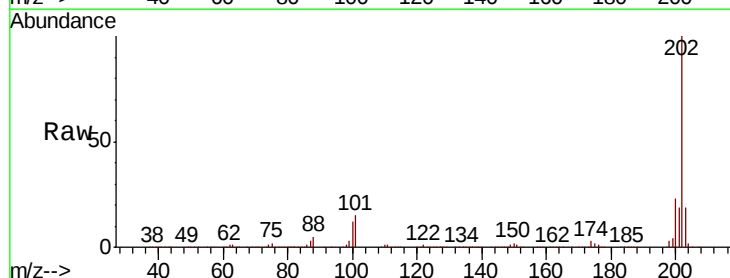
Tgt Ion:202 Resp: 1885764

Ion Ratio Lower Upper

202 100

200 23.0 17.9 26.9

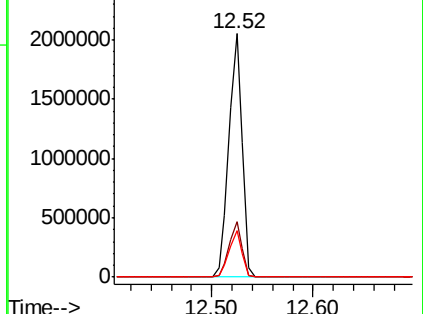
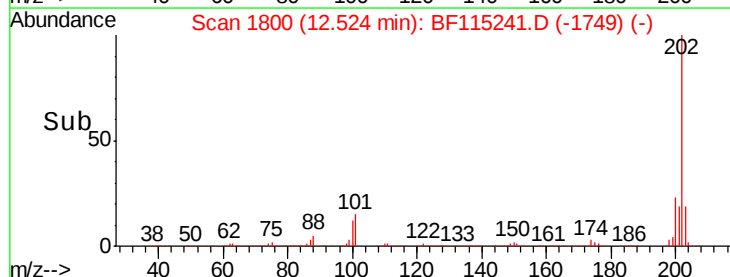
203 18.9 14.6 21.8

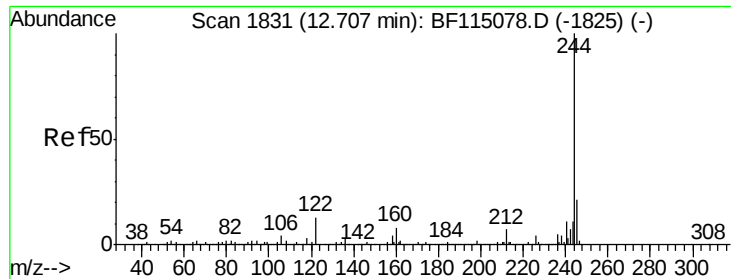


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.596 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2439417

Ion Ratio Lower Upper

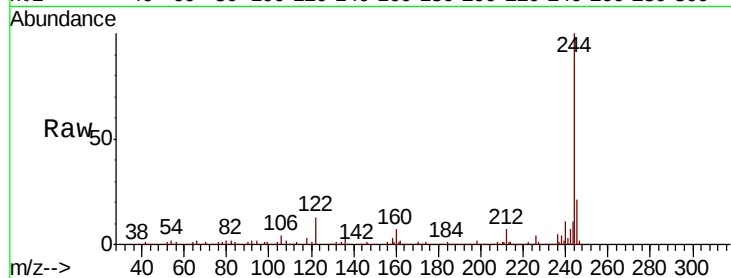
244 100

212 7.1 5.8 8.6

122 12.8 10.4 15.6

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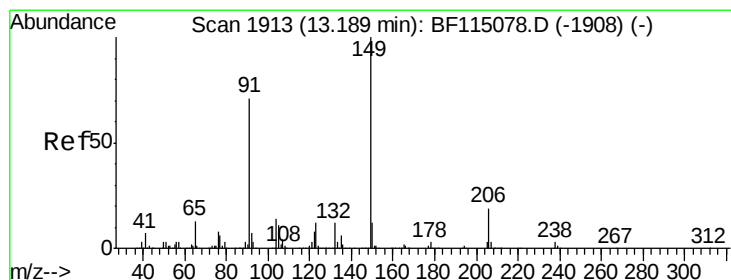
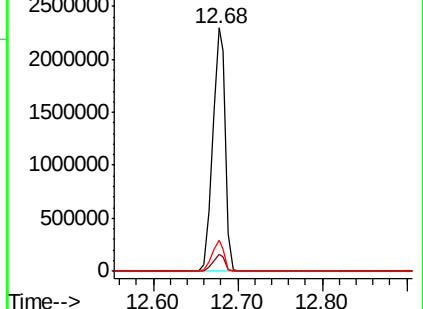
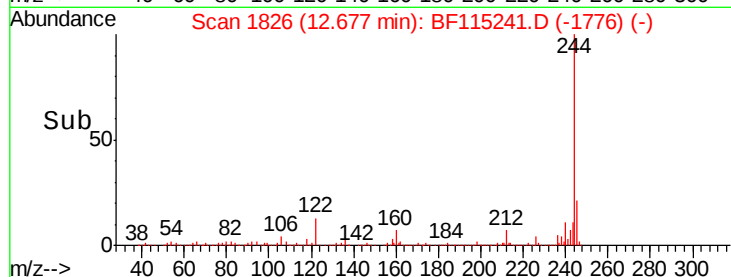
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.163 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

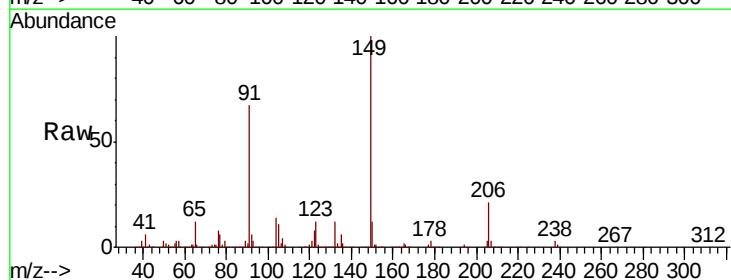
Tgt Ion:149 Resp: 887387

Ion Ratio Lower Upper

149 100

91 67.2 56.5 84.7

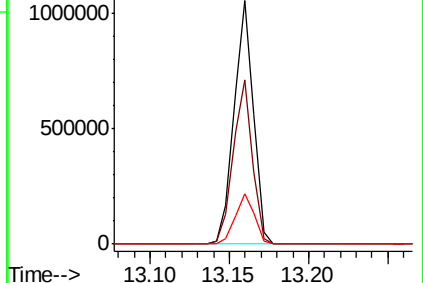
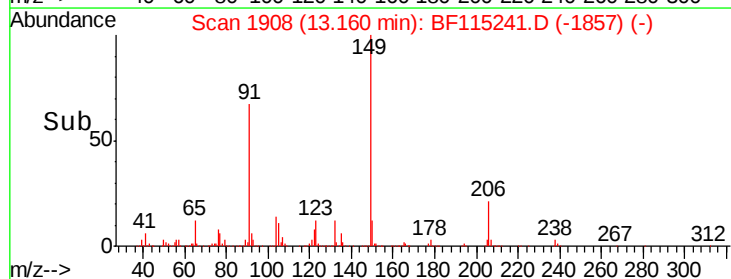
206 20.9 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.702 ng

RT: 13.71 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1765165

Ion Ratio Lower Upper

228 100

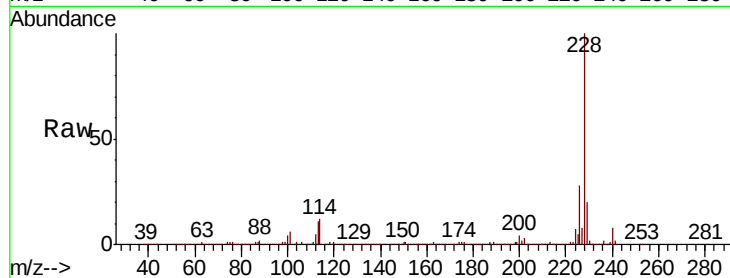
226 28.0 22.5 33.7

229 20.4 16.6 24.8

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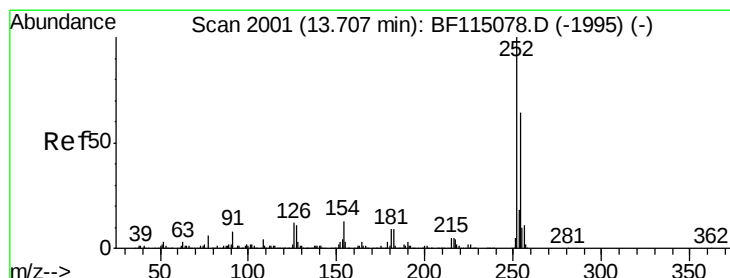
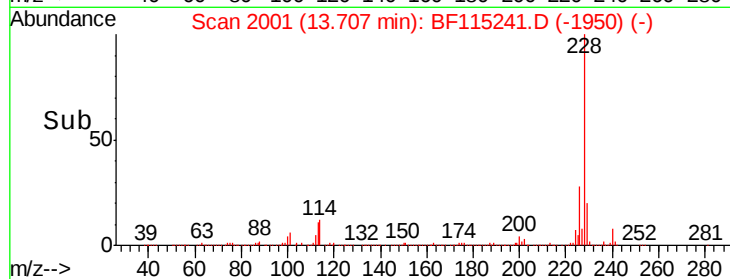
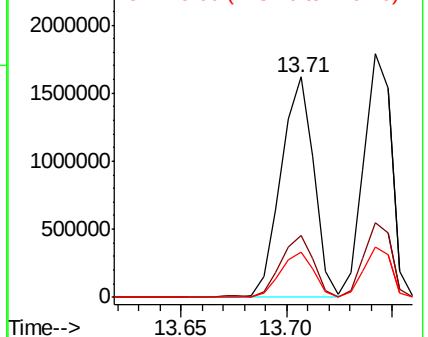


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.692 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

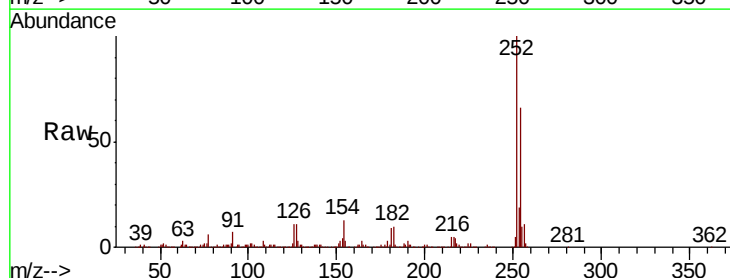
Tgt Ion:252 Resp: 670217

Ion Ratio Lower Upper

252 100

254 65.5 51.1 76.7

126 11.3 9.4 14.0

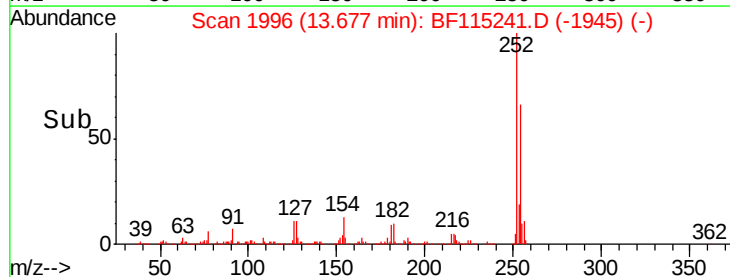
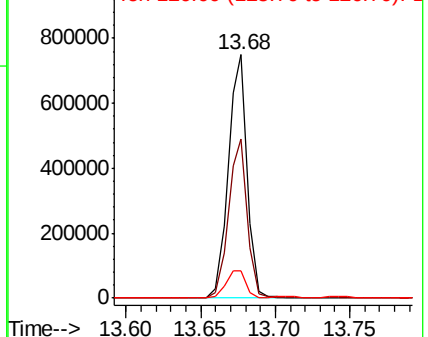


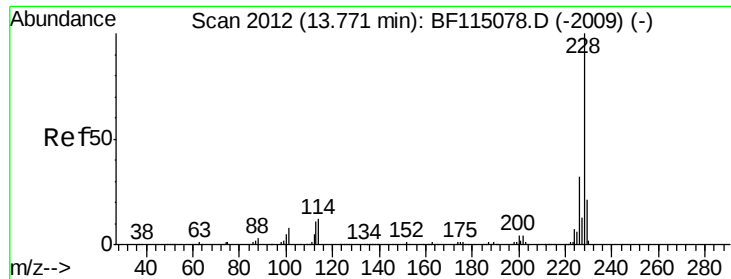
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





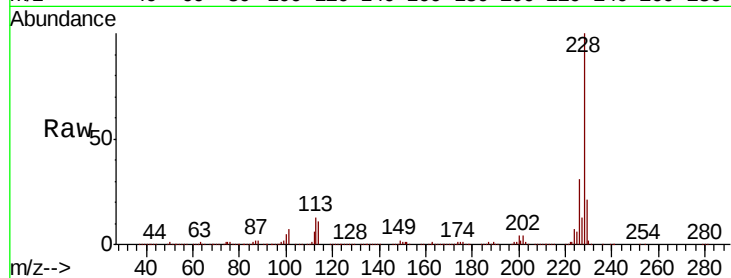
#83
 Chrvsene
 Concen: 39.303 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

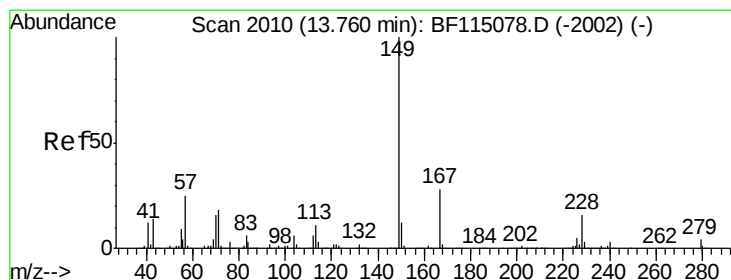
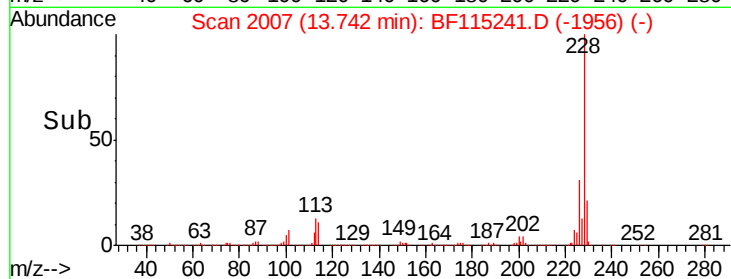
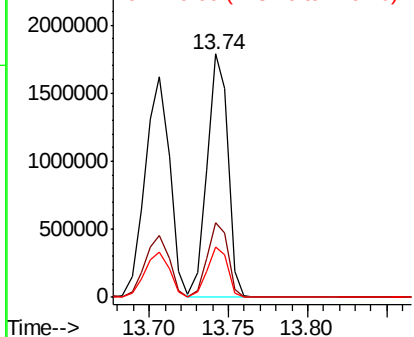
Tot Ion:228 Resp: 1642039
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 20.8 16.5 24.7

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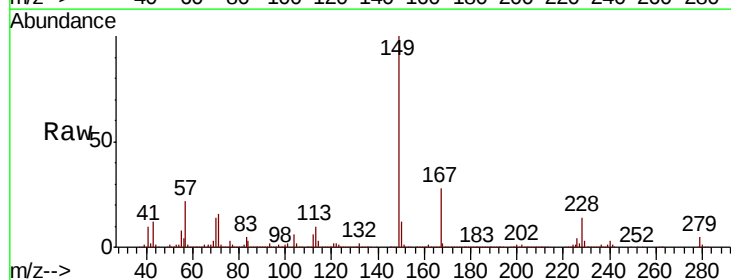


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

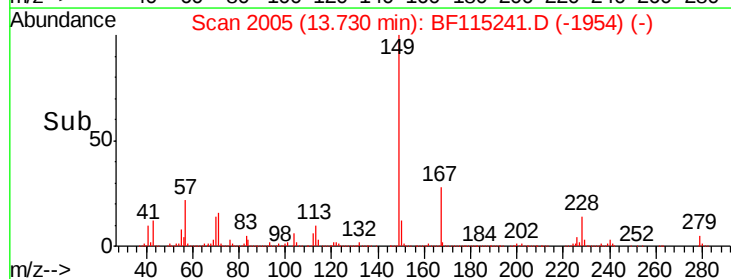
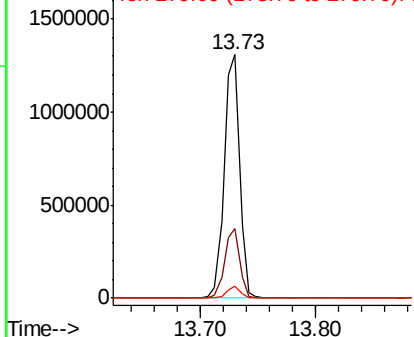


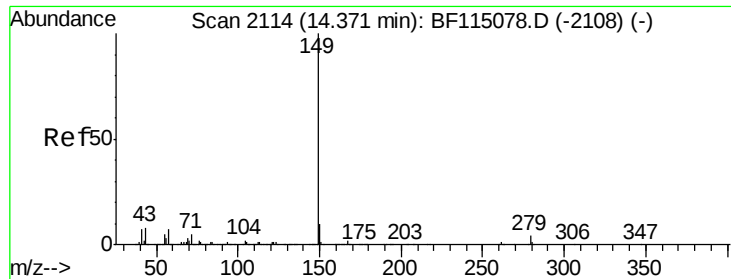
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.883 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115241.D
 Acq: 27 Jun 2019 18:38

Tgt Ion:149 Resp: 1211325
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.2 33.4
 279 4.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.446 ng

RT: 14.34 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2061991

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

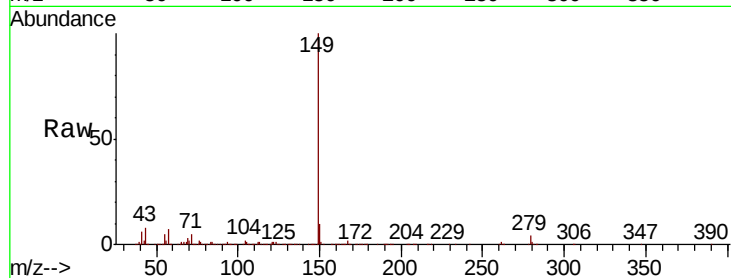
43 8.5 7.0 10.6

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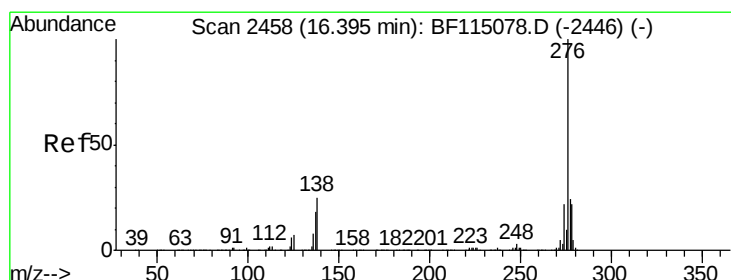
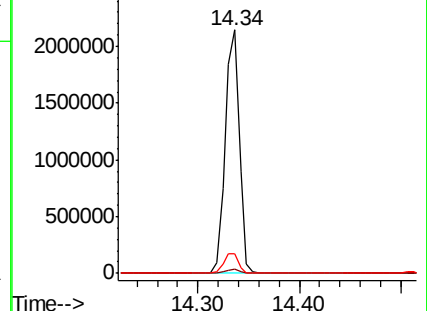
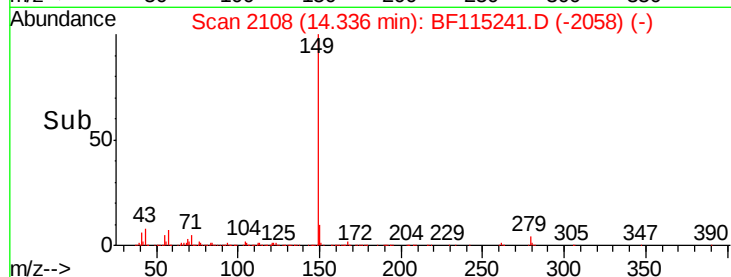
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.097 ng

RT: 16.34 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BF115241.D

Acq: 27 Jun 2019 18:38

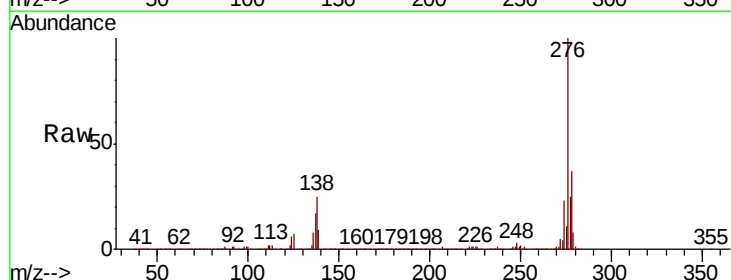
Tgt Ion:276 Resp: 1982271

Ion Ratio Lower Upper

276 100

138 28.0 23.2 34.8

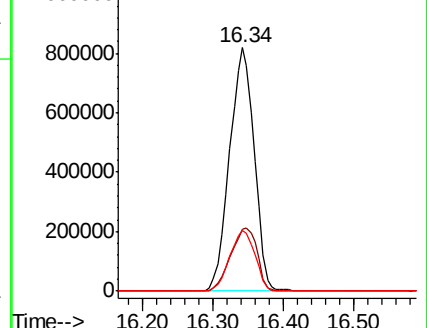
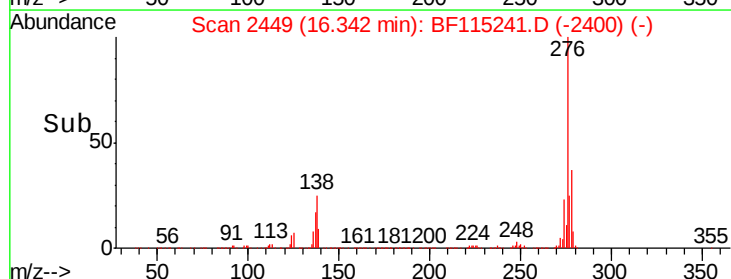
277 25.7 20.1 30.1

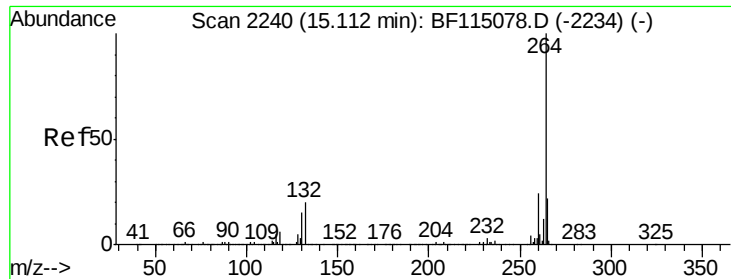


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





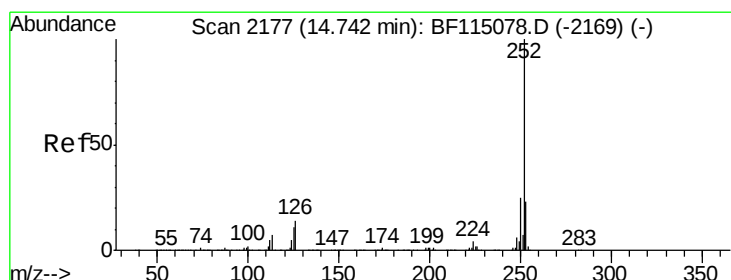
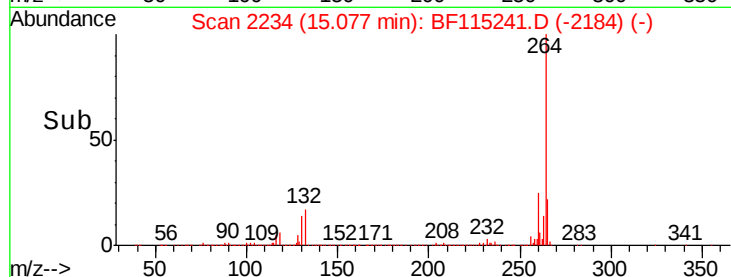
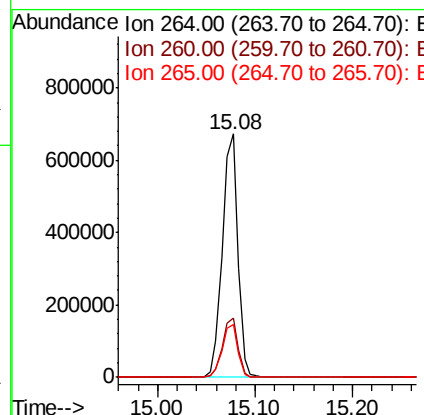
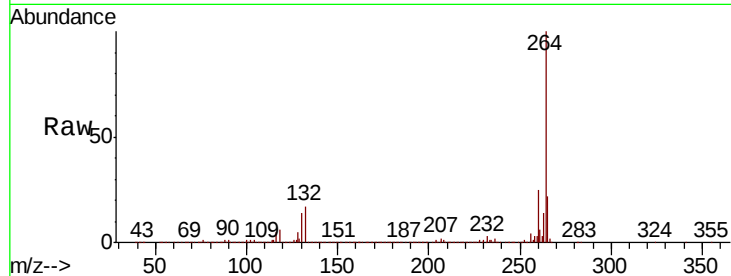
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.7	17.3	25.9

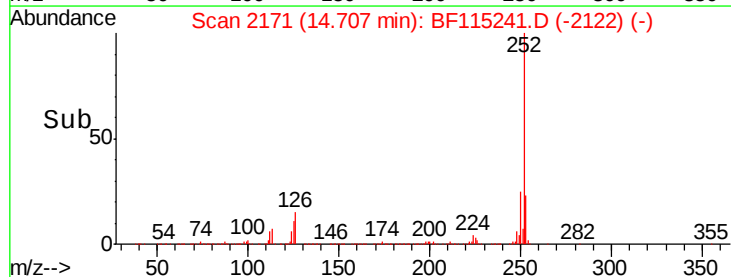
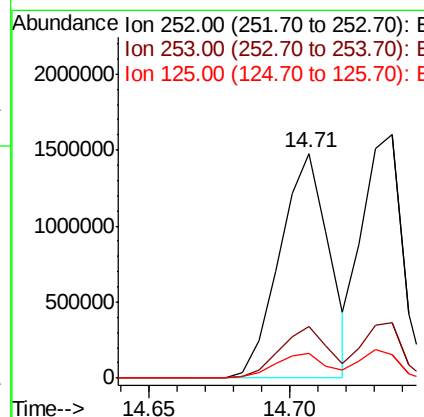
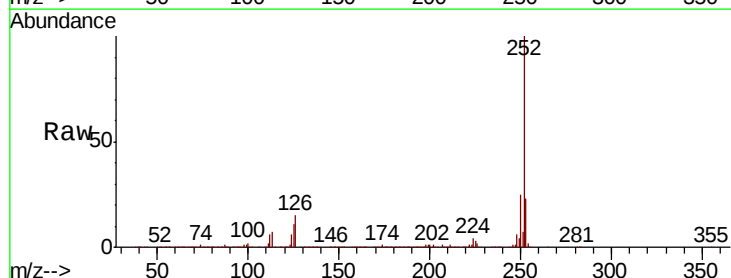
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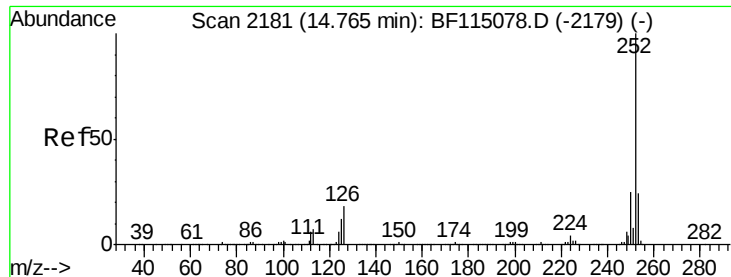
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#88
Benzo(b)fluoranthene
Concen: 38.627 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.2	8.7	13.1





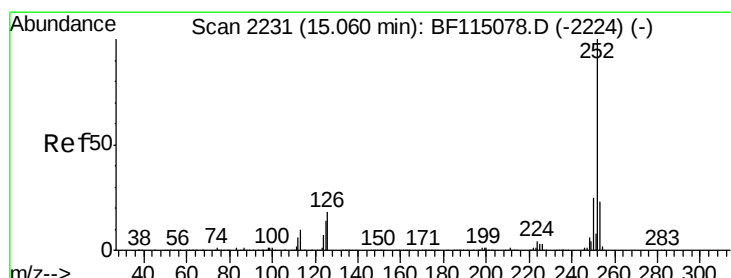
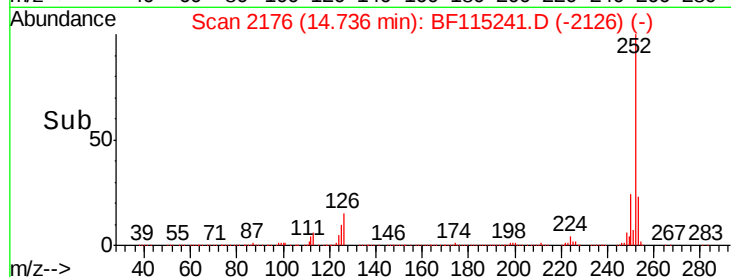
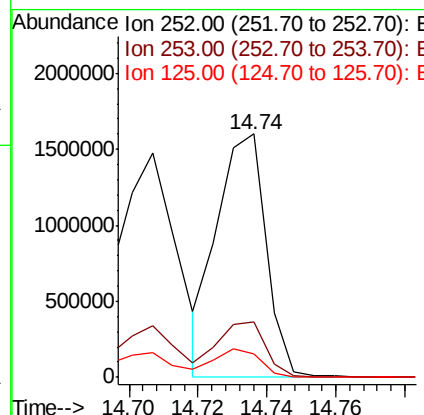
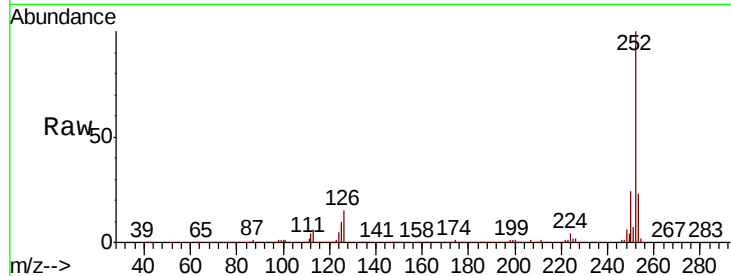
#89
Benzo(k)fluoranthene
Concen: 37.883 ng m
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1575826
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 9.9 10.2 15.2#

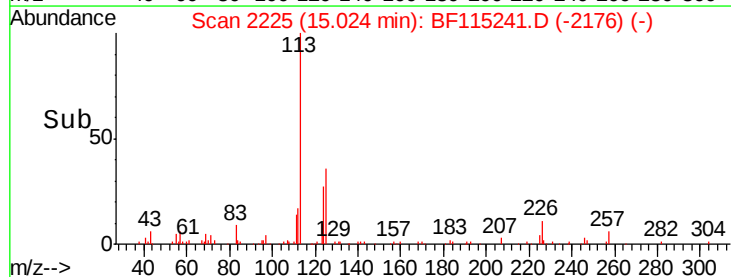
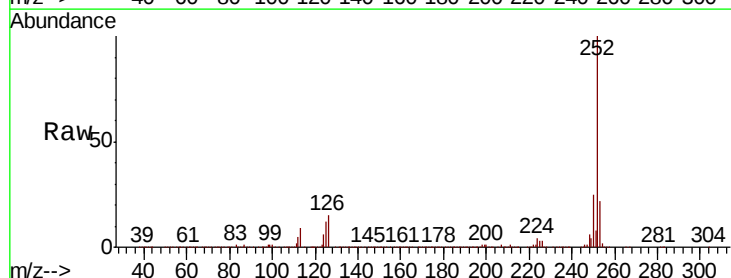
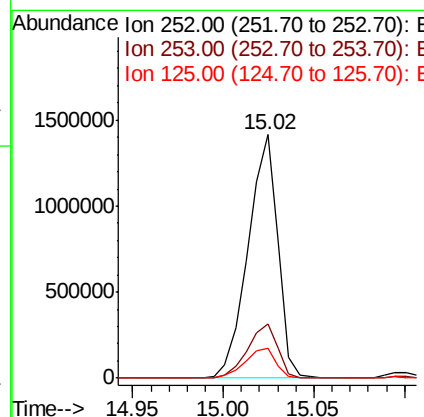
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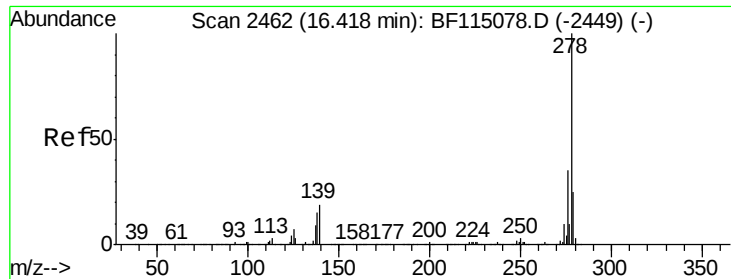
mohammad
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#90
Benzo(a)pyrene
Concen: 38.583 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion:252 Resp: 1613064
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 12.0 10.9 16.3





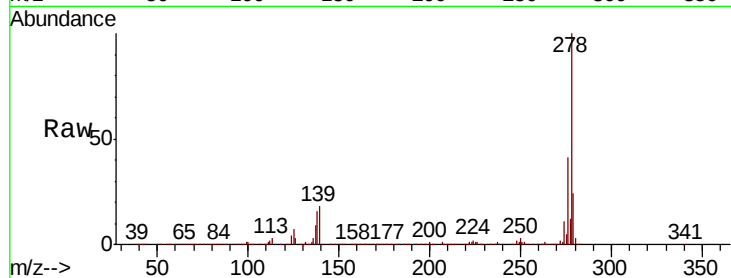
#91
Dibenzo(a,h)anthracene
Concen: 41.080 ng
RT: 16.36 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

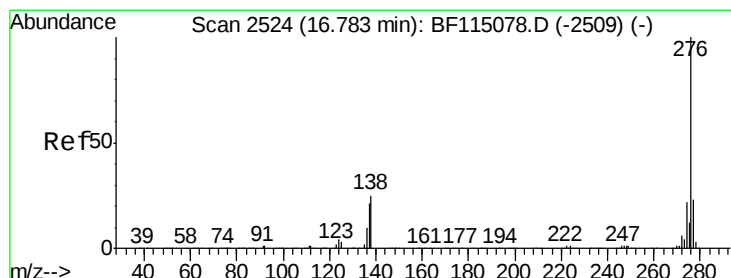
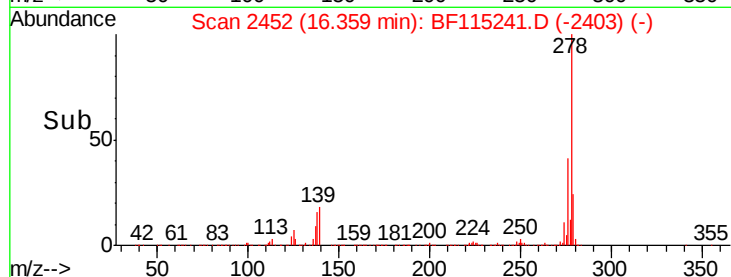
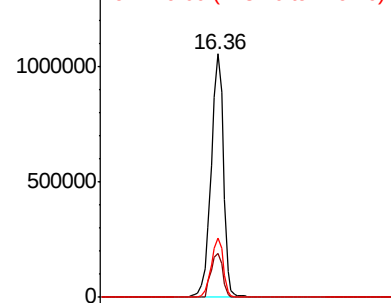
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	24.3	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 2:58:30 PM

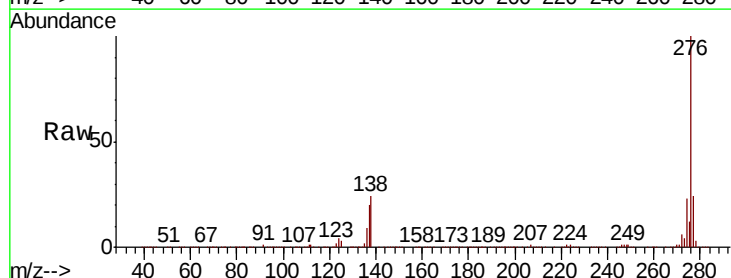


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.174 ng
RT: 16.72 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF115241.D
Acq: 27 Jun 2019 18:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	23.6	19.8	29.6



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

