

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120211.D
 Acq On : 27 Apr 2020 11:45
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 27 12:20:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	148334	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	542747	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	281416	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	551962	20.00	ng	0.00
76) Chrysene-d12	13.84	240	423308	20.00	ng	0.00
87) Perylene-d12	15.24	264	394735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	751459	87.55	ng	0.00
7) Phenol-d6	6.33	99	931211	84.20	ng	0.00
23) Nitrobenzene-d5	7.24	82	872438	83.16	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	255107	74.04	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1647023	83.09	ng	0.00
79) Terphenyl-d14	12.79	244	1768174	70.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	139478	36.484	ng	99
3) Pyridine	2.96	79	411474	39.229	ng	99
4) n-Nitrosodimethylamine	2.92	42	209162	39.029	ng	98
6) Aniline	6.33	93	594563	40.958	ng	# 48
8) 2-Chlorophenol	6.46	128	406885	42.427	ng	99
9) Benzaldehyde	6.22	77	240589	40.976	ng	98
10) Phenol	6.34	94	523395	41.713	ng	85
11) bis(2-Chloroethyl)ether	6.41	93	397944	41.076	ng	99
12) 1,3-Dichlorobenzene	6.61	146	435638	41.492	ng	100
13) 1,4-Dichlorobenzene	6.69	146	435082	40.680	ng	99
14) 1,2-Dichlorobenzene	6.84	146	413719	41.973	ng	99
15) Benzyl Alcohol	6.82	79	346501	40.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	701683	37.220	ng	63
17) 2-Methylphenol	6.95	107	352213	41.153	ng	# 91
18) Hexachloroethane	7.18	117	163666	40.946	ng	94
19) n-Nitroso-di-n-propylamine	7.09	70	287573	40.434	ng	98
20) 3+4-Methylphenols	7.10	107	468665	44.774	ng	# 83
22) Acetophenone	7.09	105	548270	43.139	ng	98
24) Nitrobenzene	7.26	77	437306	41.436	ng	100
25) Isophorone	7.50	82	804393	39.774	ng	98
26) 2-Nitrophenol	7.57	139	222230	42.148	ng	91
27) 2,4-Dimethylphenol	7.62	122	327991	41.246	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	482726	40.563	ng	99
29) 2,4-Dichlorophenol	7.82	162	336986	41.342	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	369973	40.058	ng	100
31) Naphthalene	7.97	128	1188144	41.608	ng	98
32) Benzoic acid	7.77	122	233422	33.422	ng	95
33) 4-Chloroaniline	8.03	127	507334	40.811	ng	97
34) Hexachlorobutadiene	8.09	225	222153	40.182	ng	99
35) Caprolactam	8.41	113	100612	40.351	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	360595	40.861	ng	97
37) 2-Methylnaphthalene	8.67	142	779586	40.268	ng	98
38) 1-Methylnaphthalene	8.77	142	735587	40.312	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	358100	40.289	ng	99

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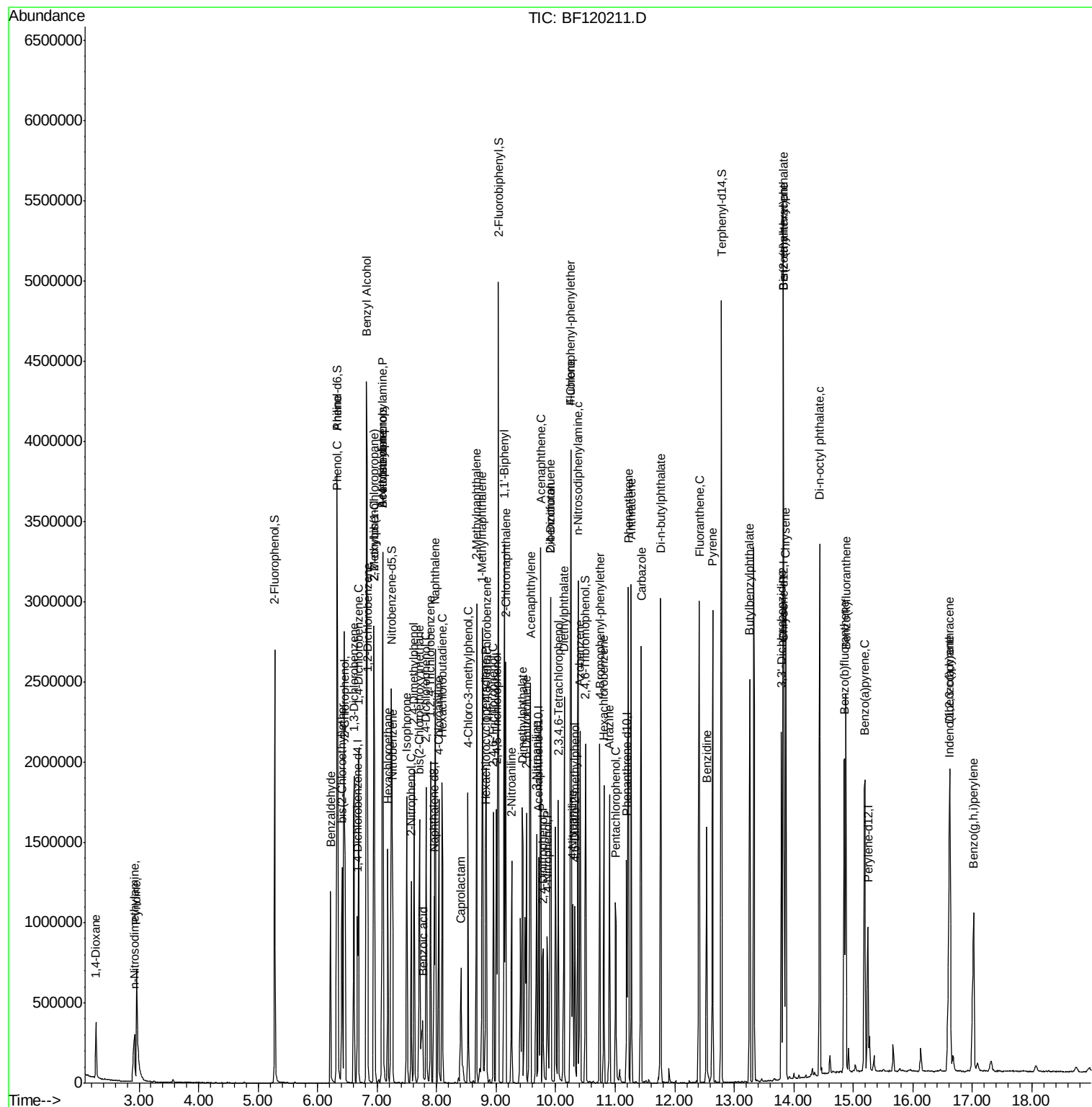
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	181612	35.933	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	247992	40.404	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	278948	40.351	ng	95
46) 1,1'-Biphenyl	9.13	154	990984	41.720	ng	99
47) 2-Chloronaphthalene	9.16	162	753734	41.192	ng	100
48) 2-Nitroaniline	9.26	65	278959	42.069	ng	91
49) Acenaphthylene	9.57	152	1157058	41.579	ng	98
50) Dimethylphthalate	9.44	163	886513	40.727	ng	100
51) 2,6-Dinitrotoluene	9.50	165	194569	40.819	ng	91
52) Acenaphthene	9.75	154	693772	37.374	ng	98
53) 3-Nitroaniline	9.67	138	229544	42.165	ng	95
54) 2,4-Dinitrophenol	9.79	184	122765	43.018	ng	97
55) Dibenzofuran	9.92	168	1040863	40.861	ng	100
56) 4-Nitrophenol	9.86	139	147996	36.537	ng	99
57) 2,4-Dinitrotoluene	9.91	165	254789	40.571	ng	95
58) Fluorene	10.26	166	837004	41.086	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	212966	40.280	ng	97
60) Diethylphthalate	10.14	149	902443	40.002	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	409374	39.206	ng	98
62) 4-Nitroaniline	10.29	138	235770	45.444	ng	95
63) Azobenzene	10.41	77	834829	41.291	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	139566	38.381	ng	93
66) n-Nitrosodiphenylamine	10.37	169	746549	40.669	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	254864	37.129	ng	98
68) Hexachlorobenzene	10.81	284	260546	37.416	ng	92
69) Atrazine	10.90	200	203119	39.770	ng	99
70) Pentachlorophenol	11.01	266	137564	34.281	ng	99
71) Phenanthrene	11.22	178	1193406	40.625	ng	98
72) Anthracene	11.27	178	1229411	40.968	ng	98
73) Carbazole	11.43	167	1180584	41.601	ng	98
74) Di-n-butylphthalate	11.76	149	1458353	39.091	ng	100
75) Fluoranthene	12.41	202	1323126	41.744	ng	95
77) Benzidine	12.53	184	591044	41.306	ng	98
78) Pyrene	12.64	202	1355704	37.990	ng	97
80) Butylbenzylphthalate	13.26	149	634732	36.656	ng	96
81) Benzo(a)anthracene	13.83	228	1114830	40.033	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	416994	40.132	ng	100
83) Chrysene	13.86	228	1129821	39.929	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	829391	35.370	ng	98
85) Di-n-octyl phthalate	14.43	149	1451353	36.351	ng	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	1009573	40.476	ng	100
88) Benzo(b)fluoranthene	14.85	252	1098728	38.693	ng	100
89) Benzo(k)fluoranthene	14.87	252	958175	39.108	ng	99
90) Benzo(a)pyrene	15.19	252	948866	39.742	ng	97
91) Dibenzo(a,h)anthracene	16.63	278	834810	39.473	ng	98
92) Benzo(g,h,i)perylene	17.02	276	820985	39.327	ng	96

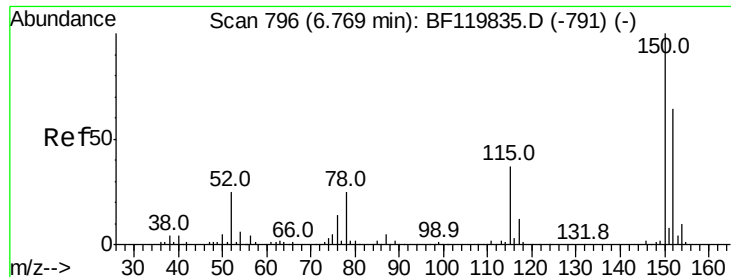
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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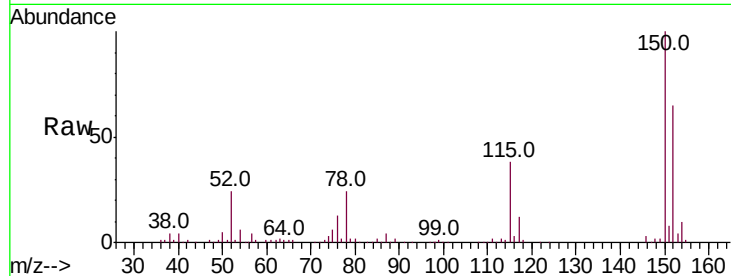


#1

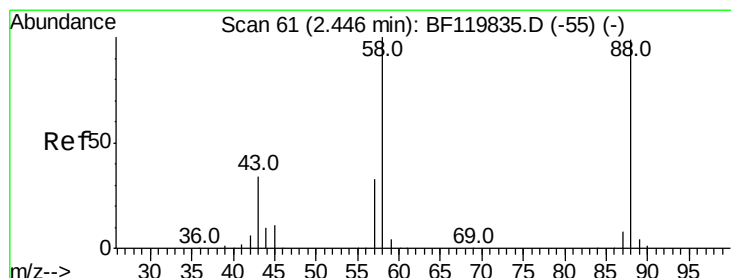
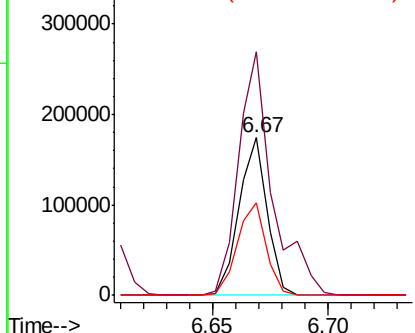
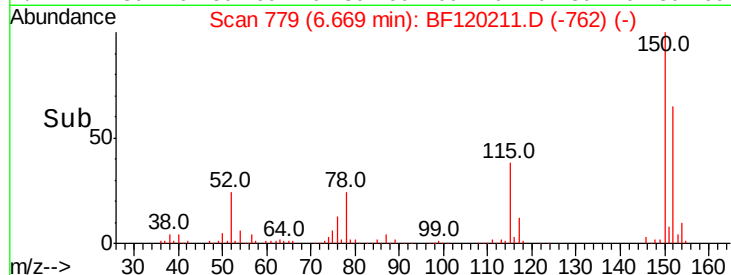
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 148334
Ion Ratio Lower Upper
152 100
150 154.3 124.5 186.7
115 58.6 49.6 74.4



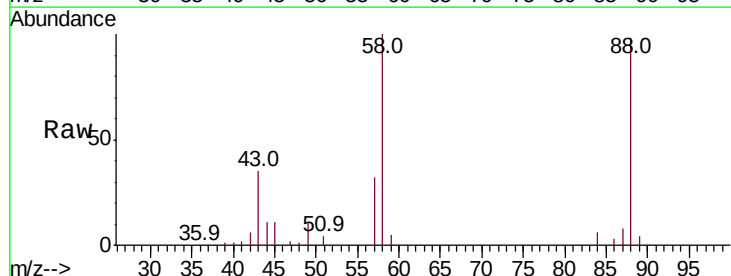
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



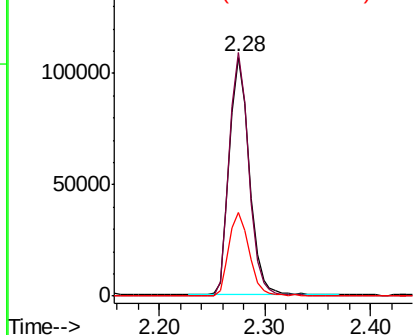
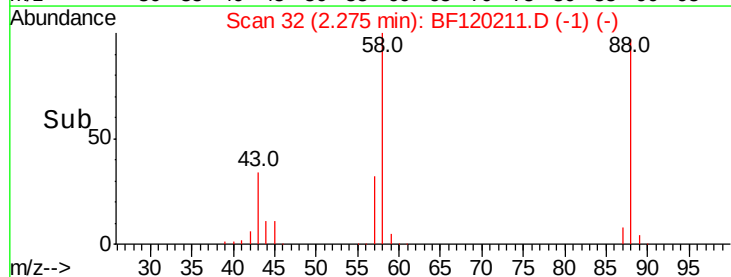
#2

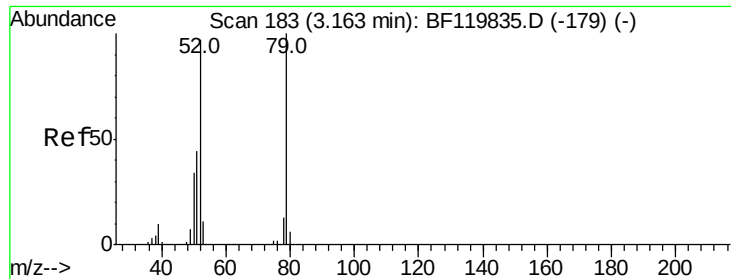
1,4-Dioxane
Concen: 36.484 ng
RT: 2.28 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion: 88 Resp: 139478
Ion Ratio Lower Upper
88 100
58 100.4 80.6 121.0
43 36.2 27.5 41.3



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.229 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

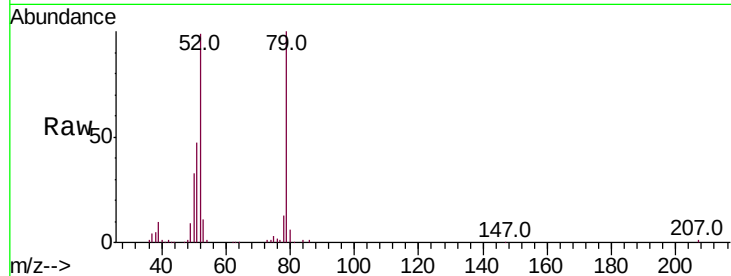
Tot Ion: 79 Resp: 411474

Ion Ratio Lower Upper

79 100

52 98.7 80.2 120.2

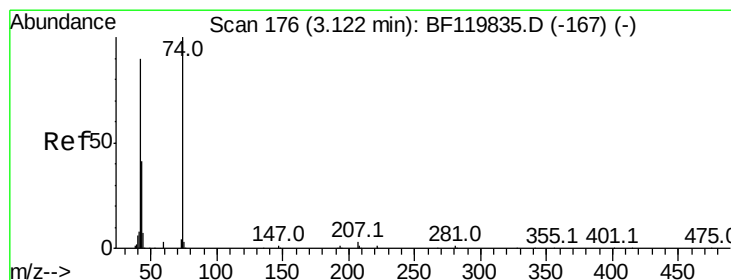
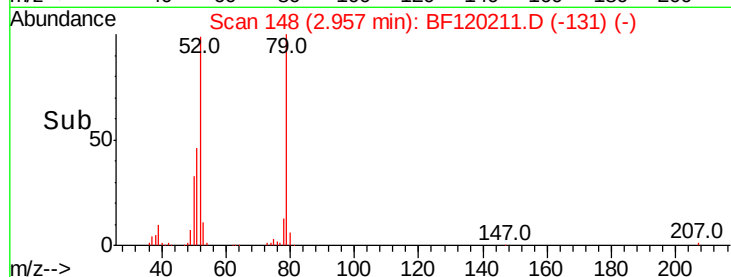
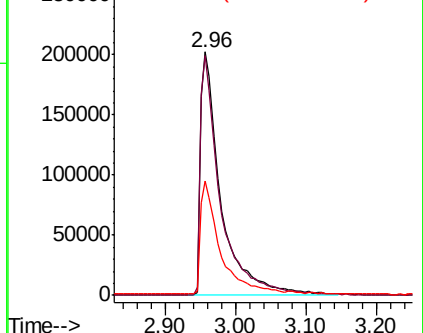
51 46.9 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.029 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

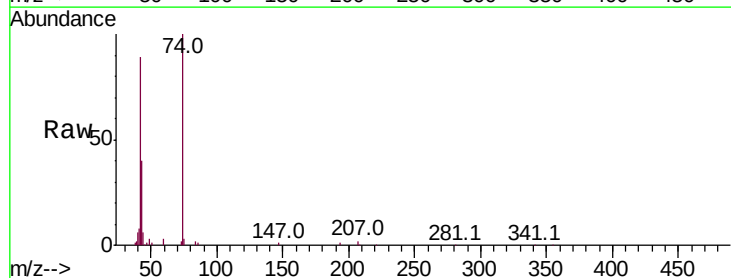
Tgt Ion: 42 Resp: 209162

Ion Ratio Lower Upper

42 100

74 112.0 91.5 137.3

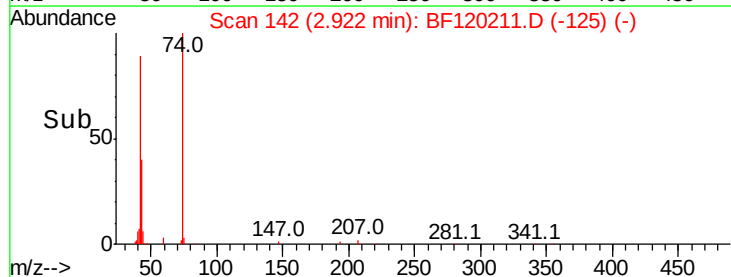
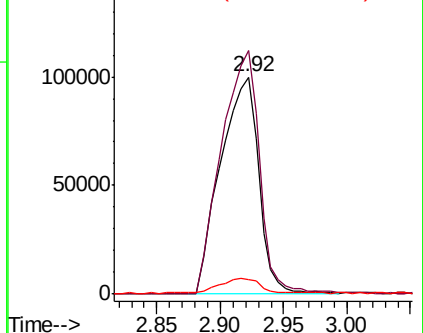
44 6.6 6.2 9.4

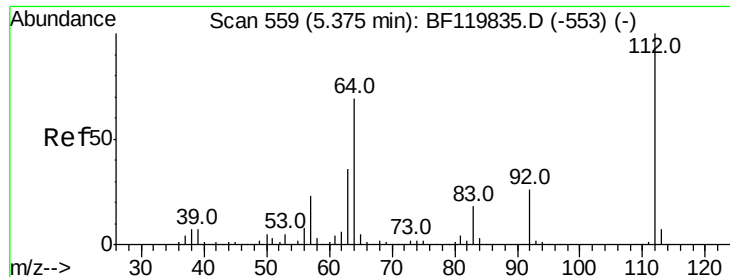


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.550 ng

RT: 5.28 min Scan# 543

Delta R.T. 0.00 min

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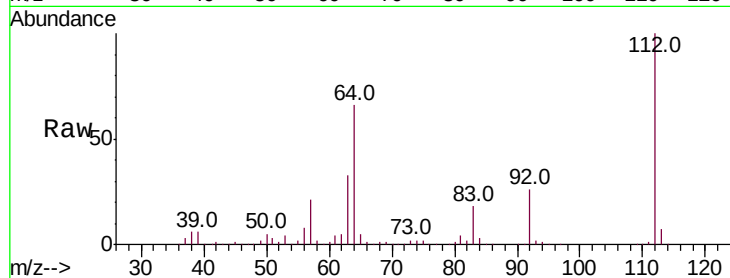
Tot Ion:112 Resp: 751459

Ion Ratio Lower Upper

112 100

64 65.8 56.7 85.1

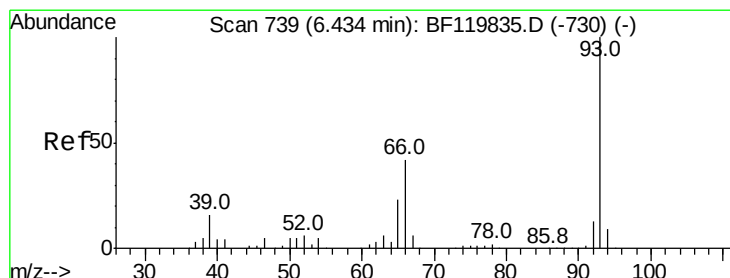
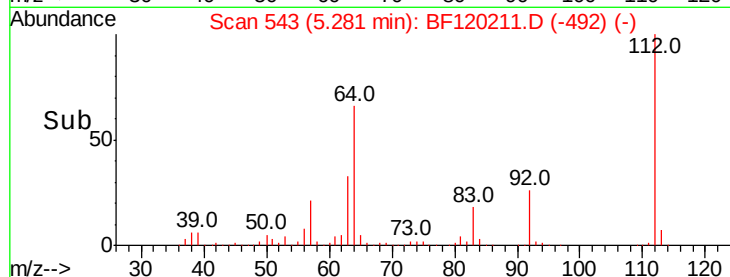
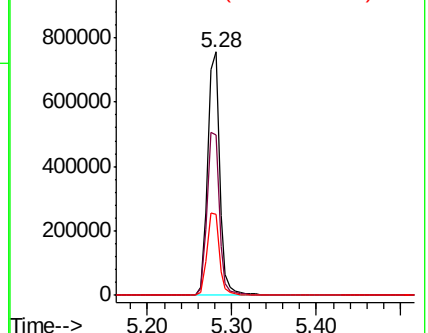
63 33.1 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.958 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

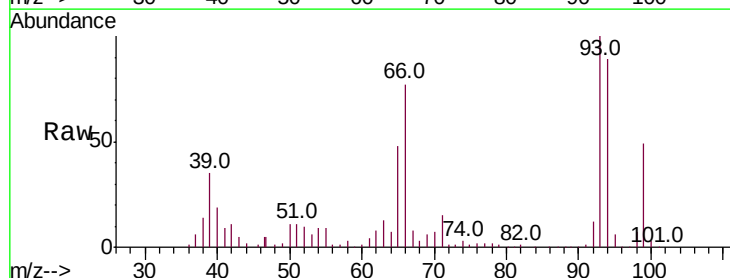
Tgt Ion: 93 Resp: 594563

Ion Ratio Lower Upper

93 100

66 77.1 34.9 52.3#

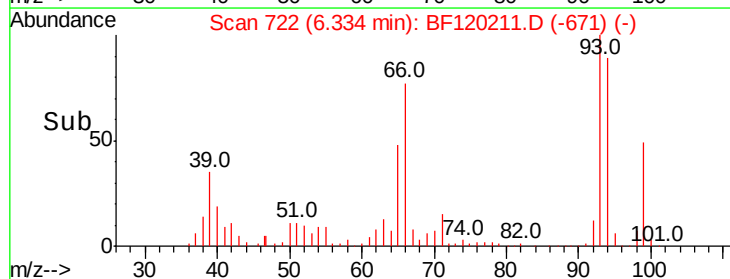
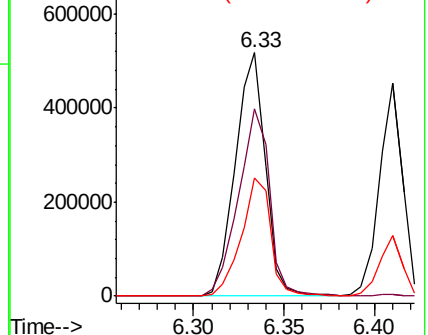
65 48.4 18.6 27.8#

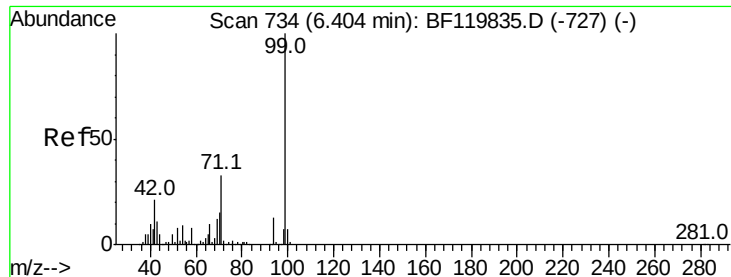


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.197 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

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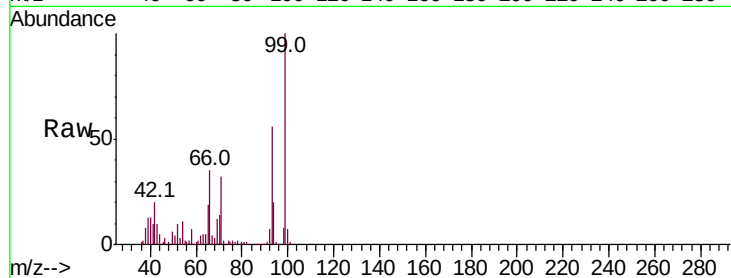
Tot Ion: 99 Resp: 931211

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

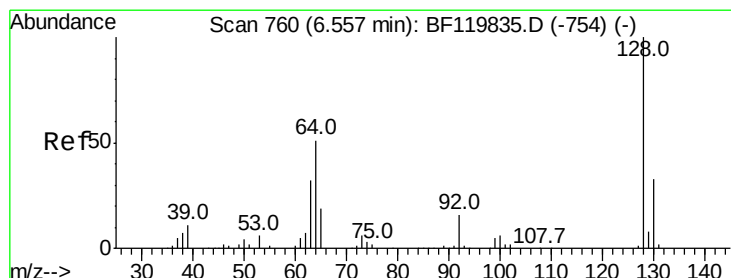
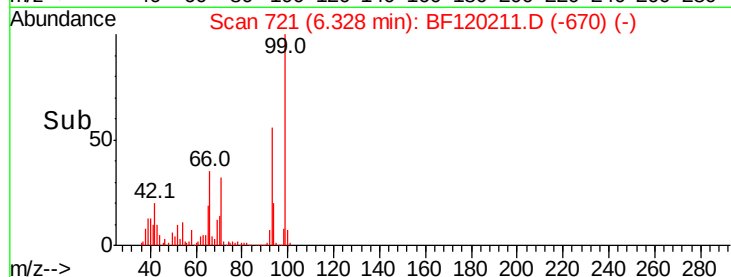
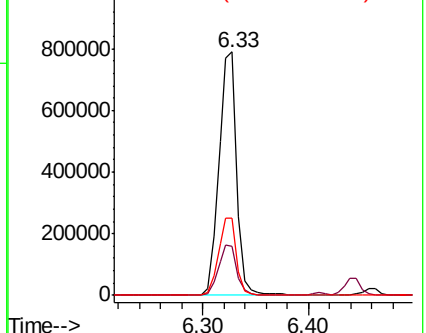
71 31.6 26.4 39.6



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: 42.427 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

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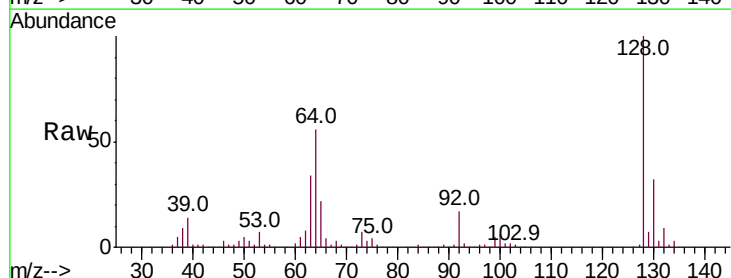
Tgt Ion:128 Resp: 406885

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

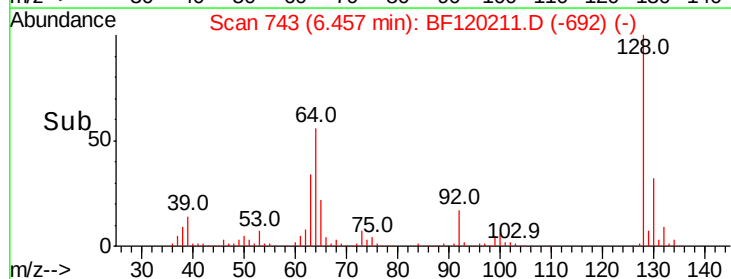
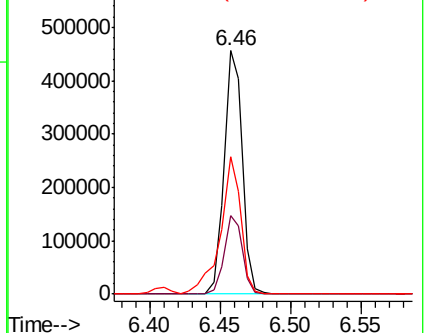
64 56.3 35.3 75.3

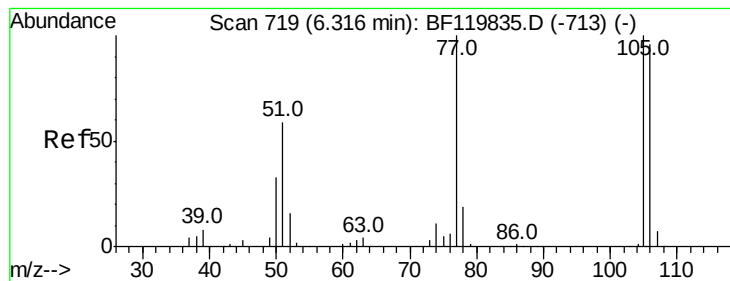


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.976 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.00 min

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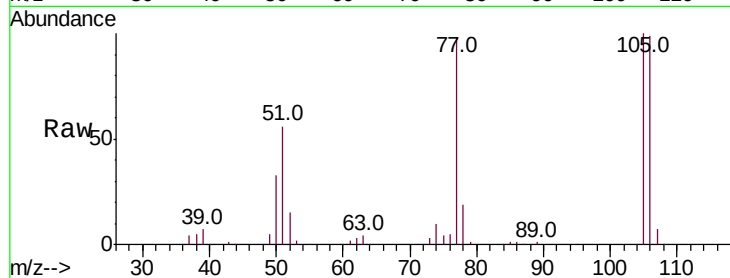
Tot Ion: 77 Resp: 240589

Ion Ratio Lower Upper

77 100

105 101.7 80.9 120.9

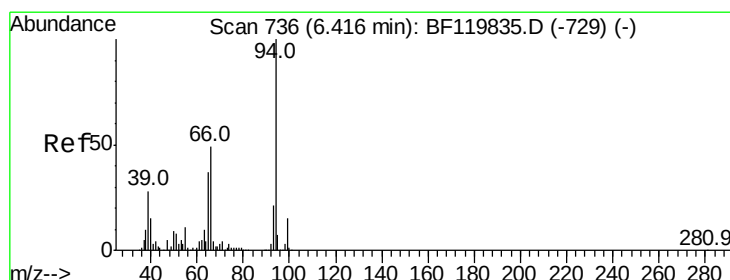
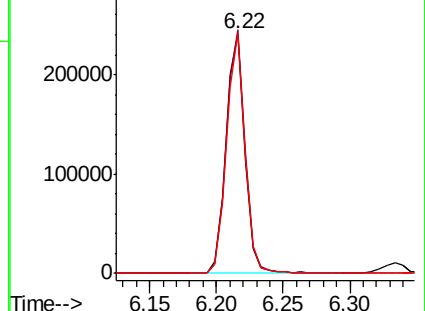
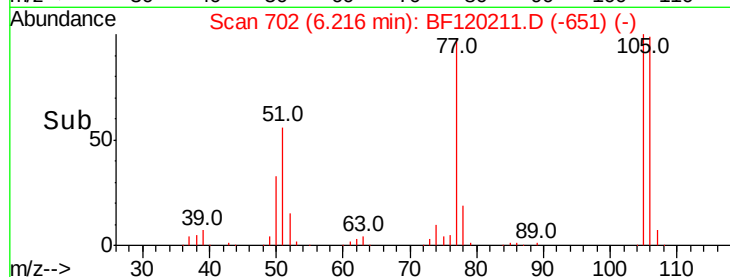
106 100.2 77.9 117.9



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: 41.713 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

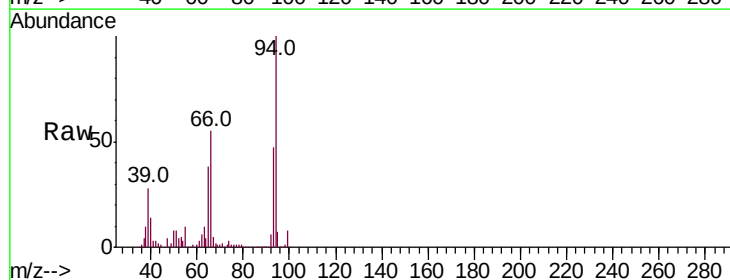
Tgt Ion: 94 Resp: 523395

Ion Ratio Lower Upper

94 100

65 38.4 13.2 53.2

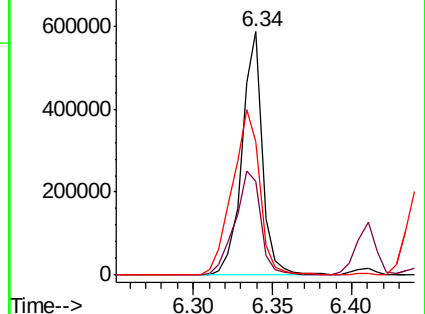
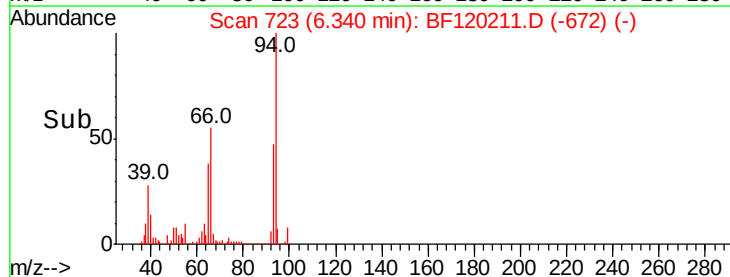
66 54.7 22.3 62.3

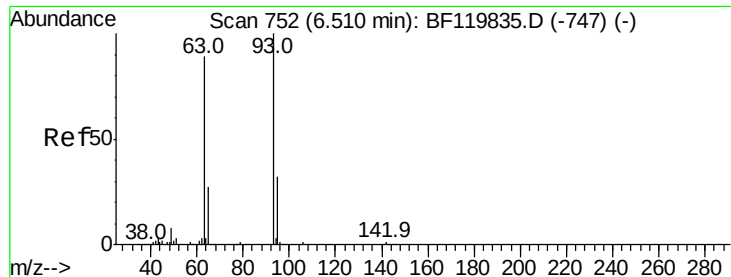


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

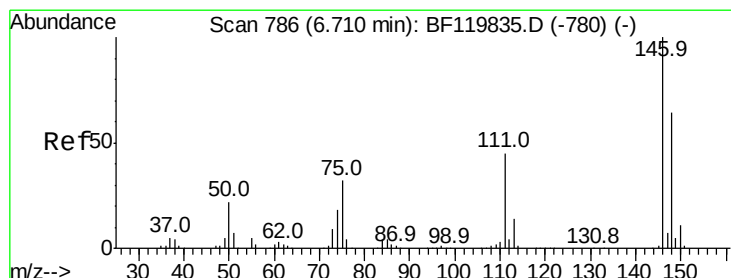
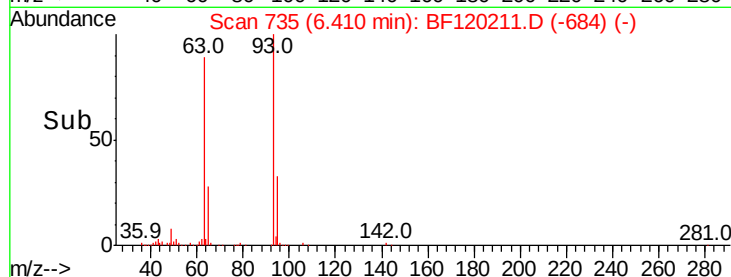
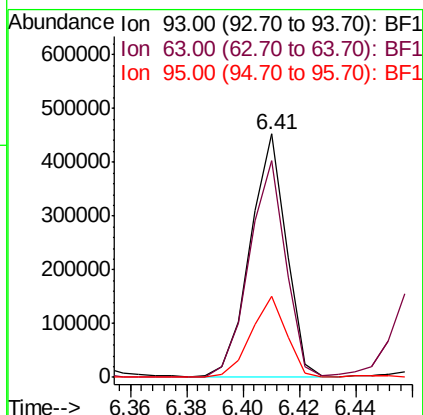
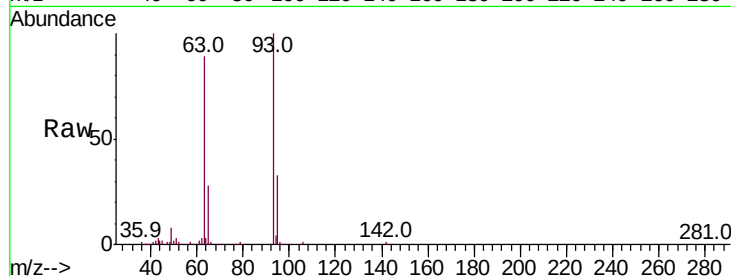




#11
bis(2-Chloroethyl)ether
Concen: 41.076 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

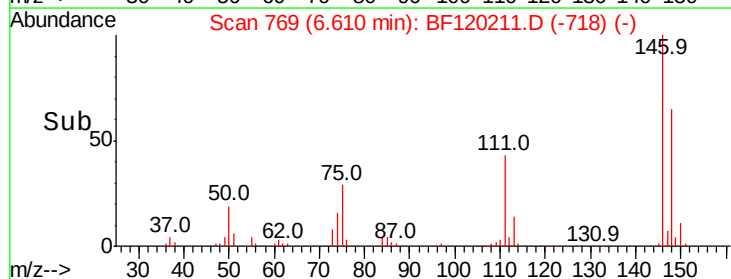
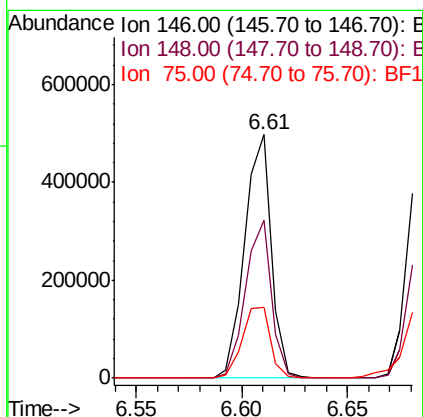
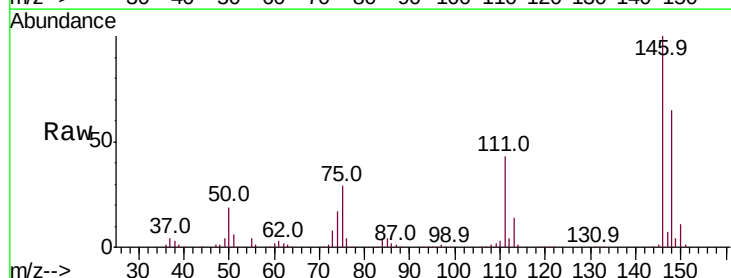
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

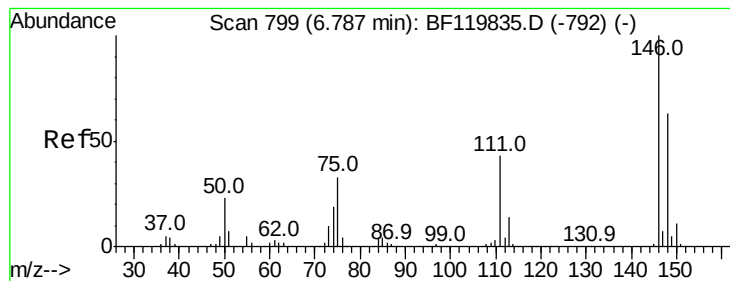
Tot Ion: 93 Resp: 397944
Ion Ratio Lower Upper
93 100
63 89.0 70.2 110.2
95 33.1 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 41.492 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion: 146 Resp: 435638
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.4
75 28.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.680 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

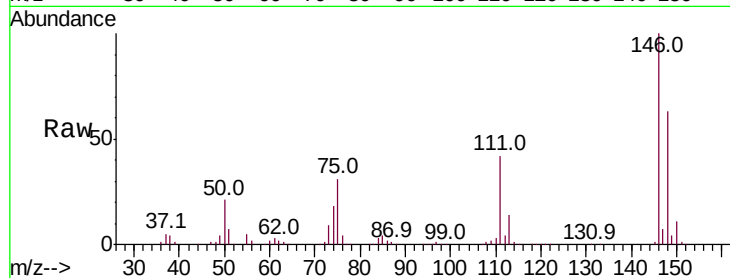
Tot Ion:146 Resp: 435082

Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

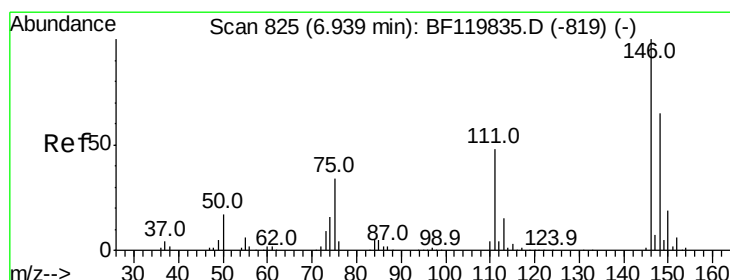
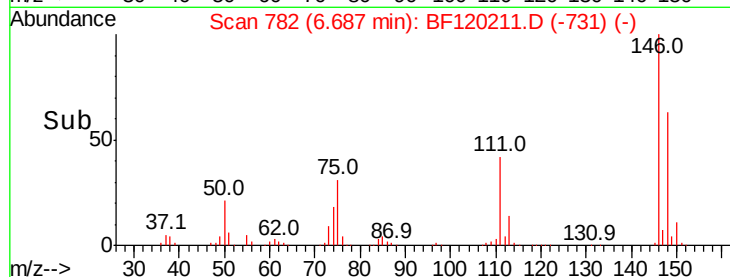
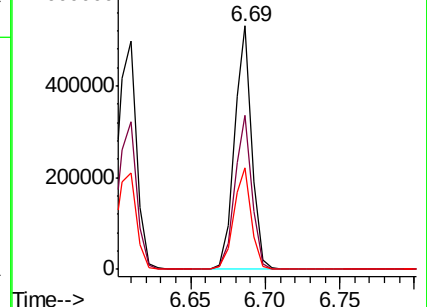
111 41.8 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.973 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

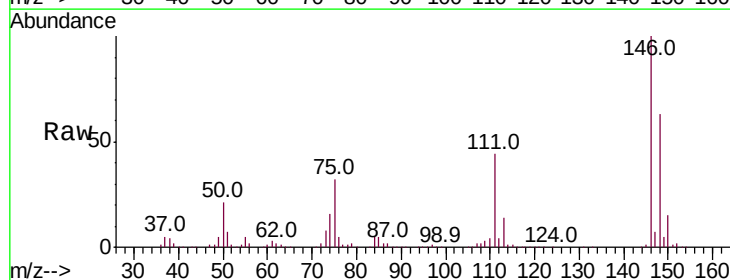
Tgt Ion:146 Resp: 413719

Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

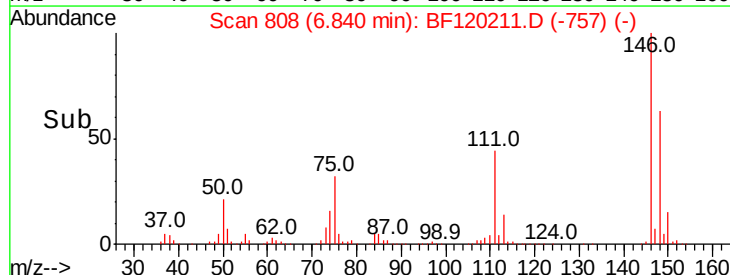
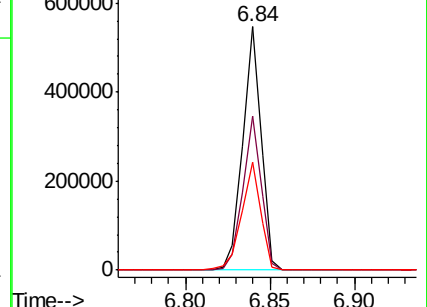
111 44.1 36.1 54.1

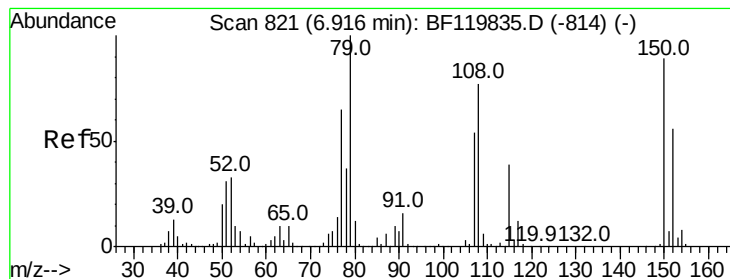


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.337 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

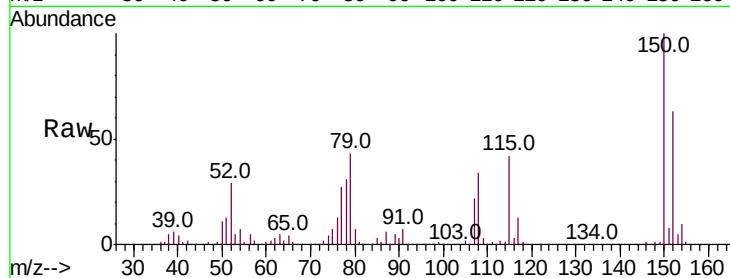
Tot Ion: 79 Resp: 346501

Ion Ratio Lower Upper

79 100

108 78.7 60.6 90.8

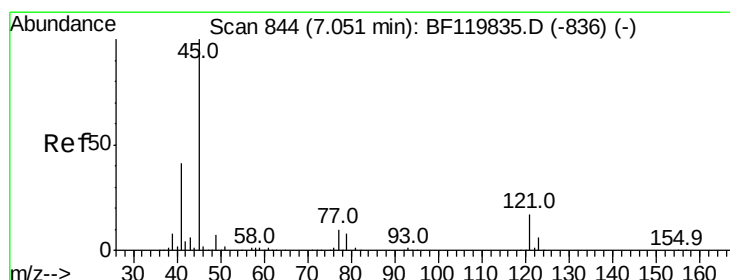
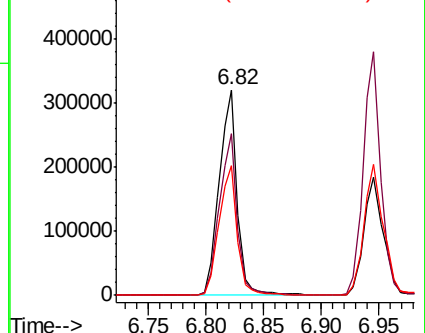
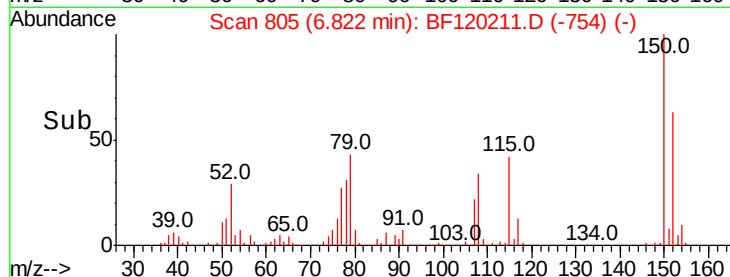
77 63.2 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.220 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

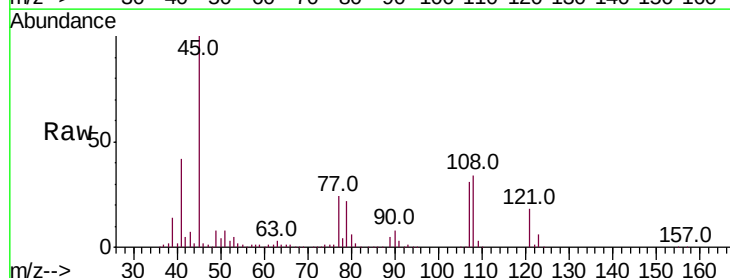
Tgt Ion: 45 Resp: 701683

Ion Ratio Lower Upper

45 100

77 24.0 0.0 30.7

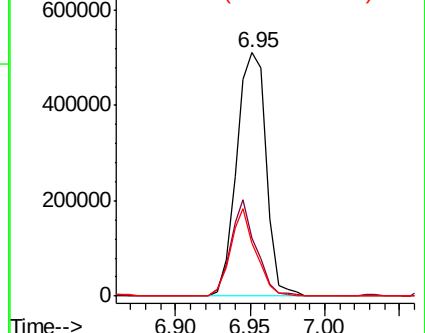
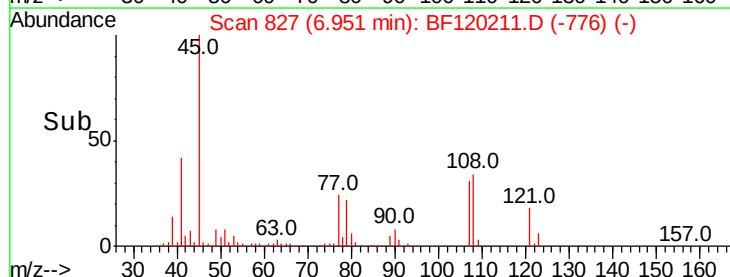
79 21.8 0.0 28.2

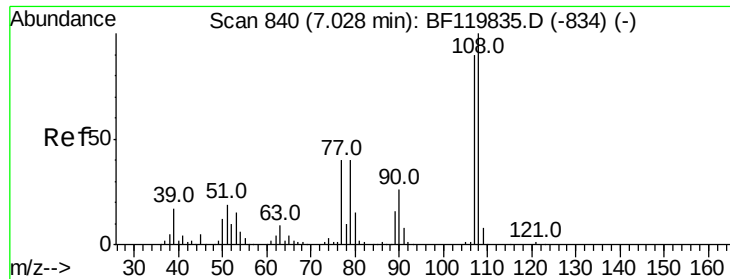


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

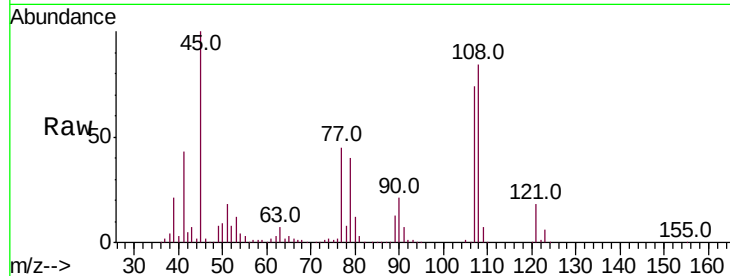




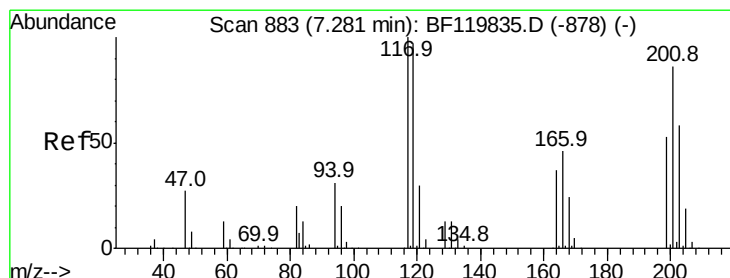
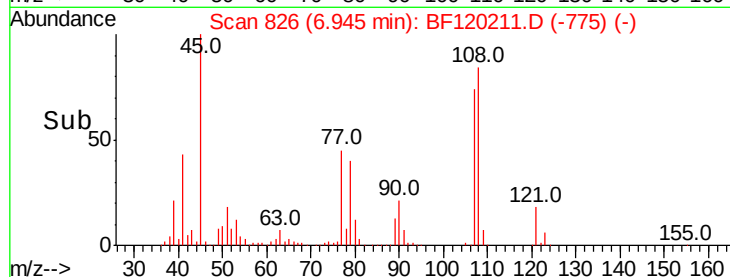
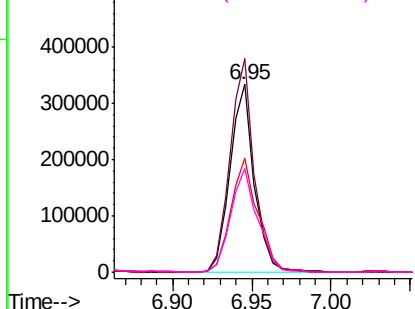
#17
2-Methylphenol
Concen: 41.153 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 352213
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.4
77 60.8 36.6 54.8#
79 54.9 36.2 54.4#

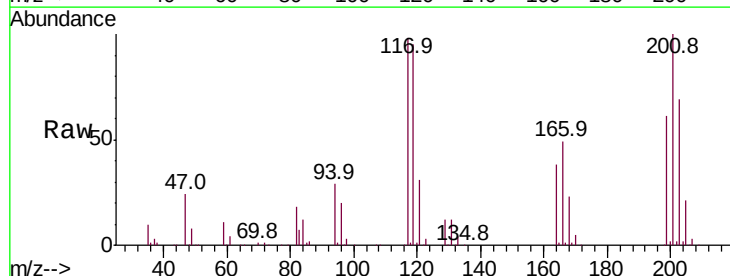


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

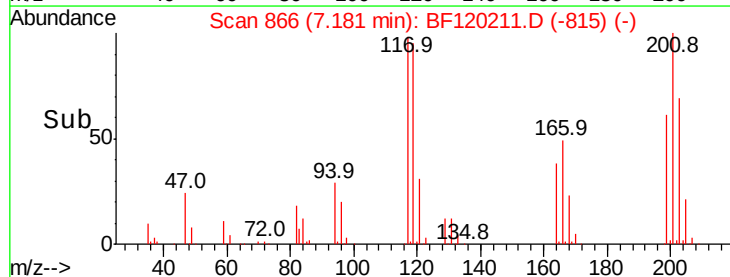
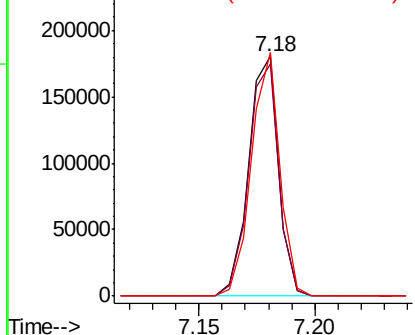


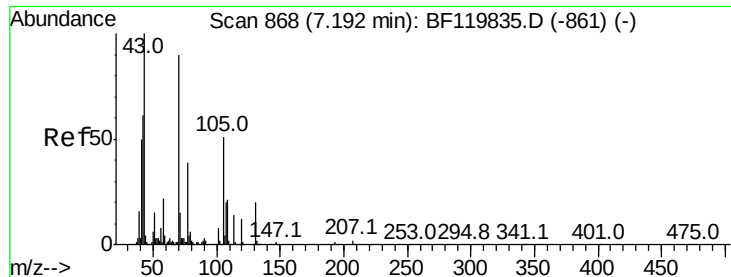
#18
Hexachloroethane
Concen: 40.946 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:117 Resp: 163666
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
201 101.7 73.0 109.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

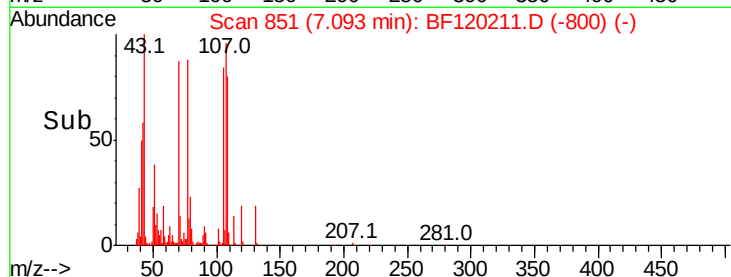
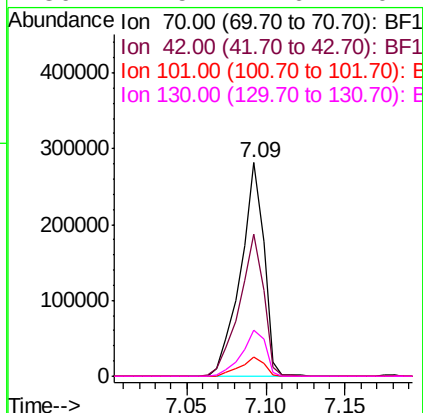
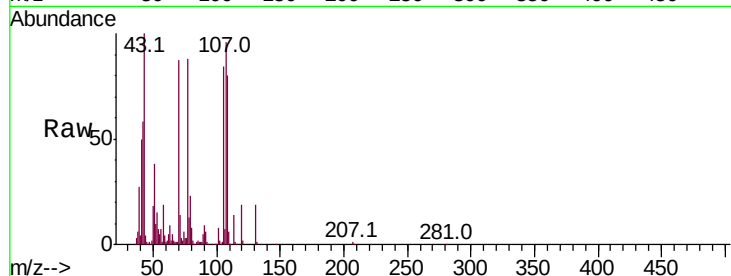




#19
n-Nitroso-di-n-propylamine
Concen: 40.434 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

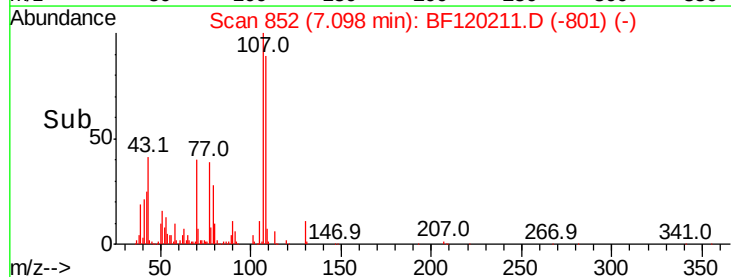
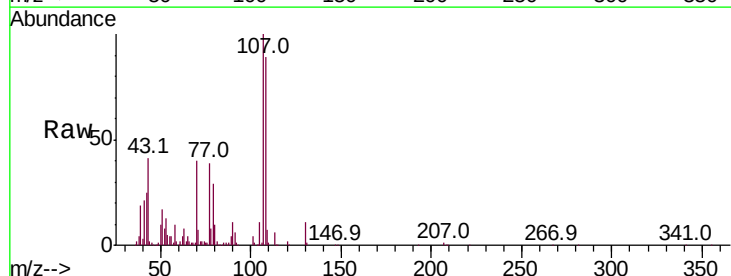
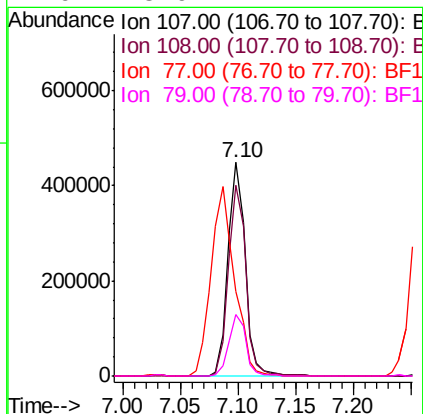
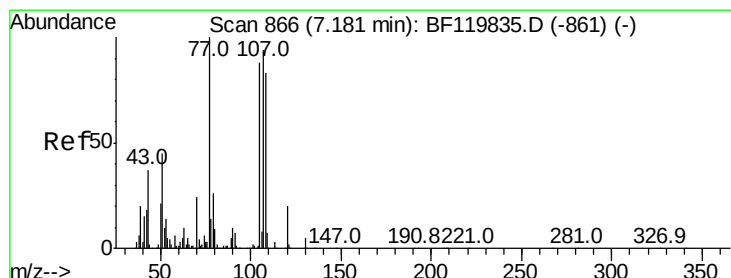
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

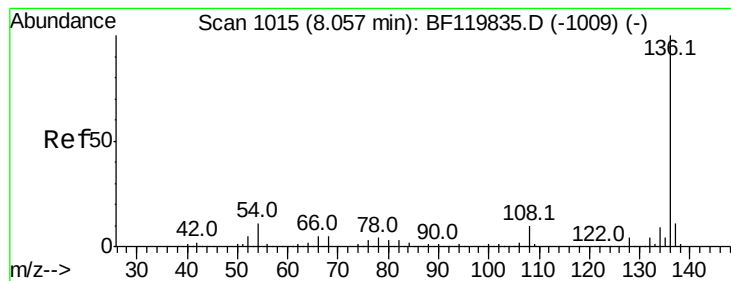
Tot Ion:	70	Resp:	287573
Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.5	81.7
101	9.2	7.6	11.4
130	21.5	17.6	26.4



#20
3+4-Methylphenols
Concen: 44.774 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:	107	Resp:	468665
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.9	107.9
77	39.3	52.9	92.9
79	28.9	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 542747

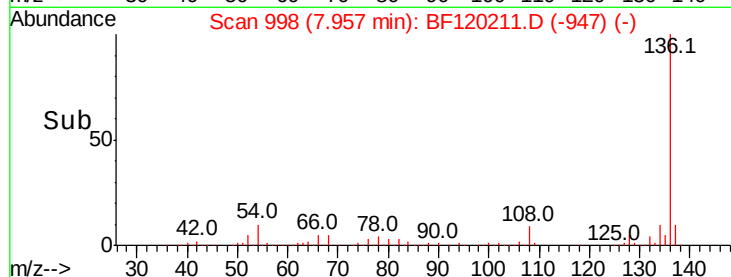
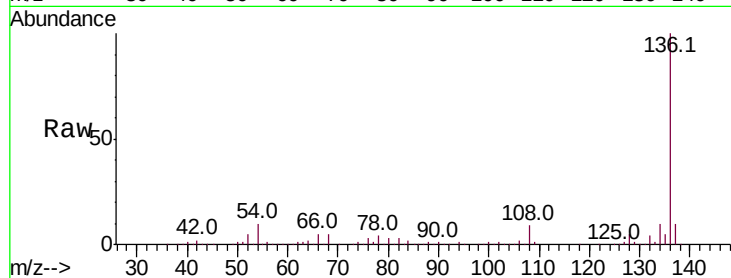
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 9.8 9.1 13.7

68 5.3 4.6 6.8

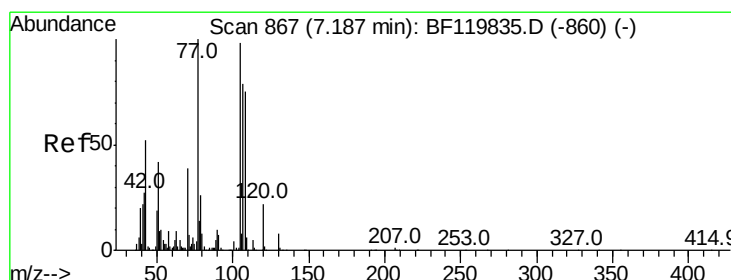
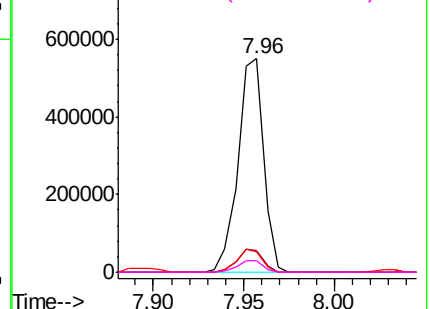


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.139 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Tgt Ion:105 Resp: 548270

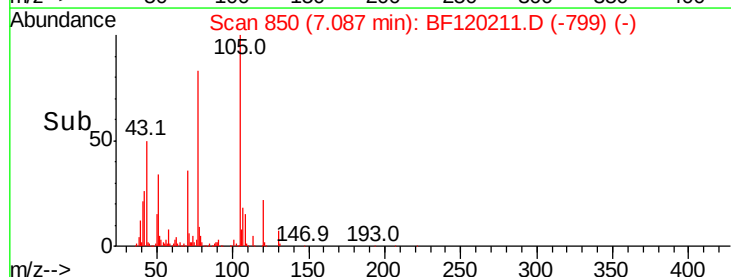
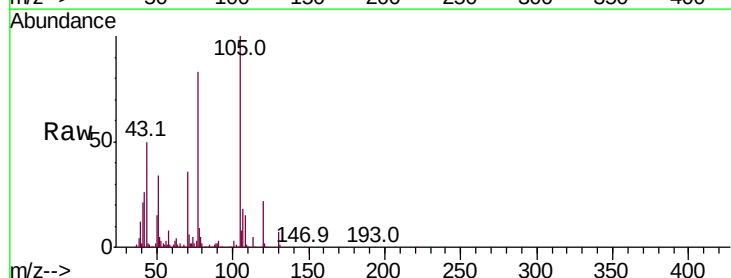
Ion Ratio Lower Upper

105 100

71 6.1 5.7 8.5

51 33.9 26.2 39.4

120 22.3 18.3 27.5

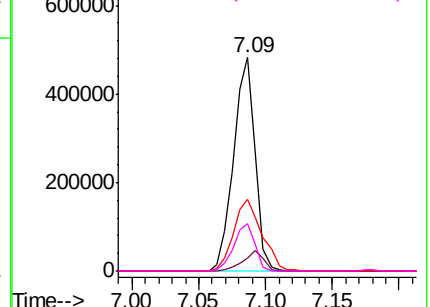


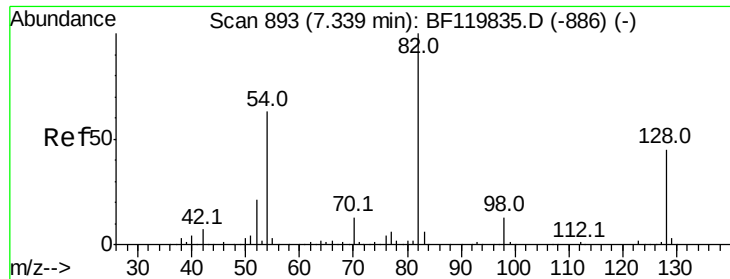
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

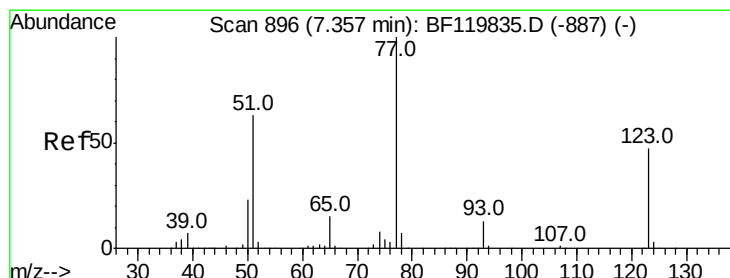
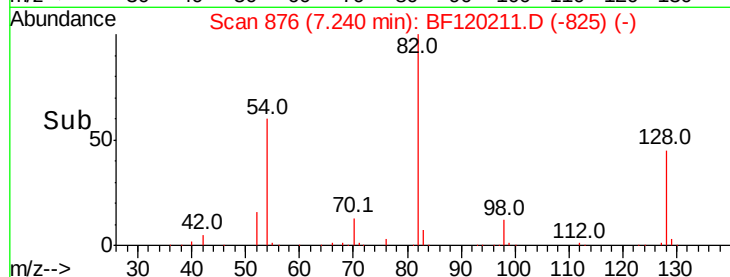
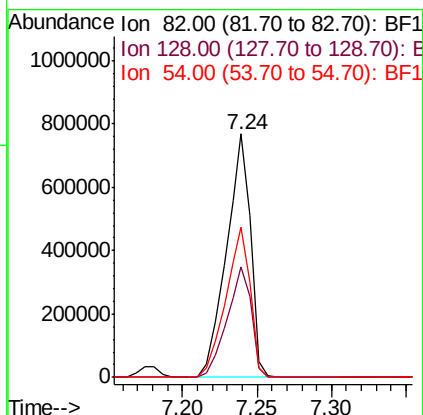
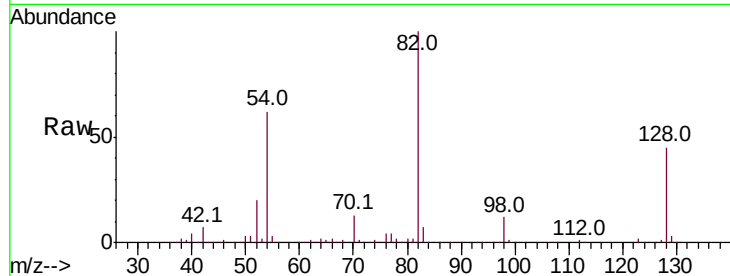




#23
 Nitrobenzene-d5
 Concen: 83.159 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

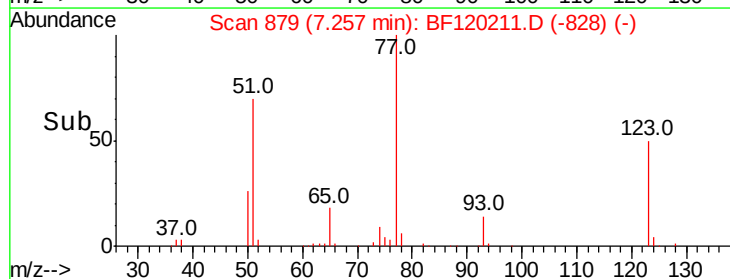
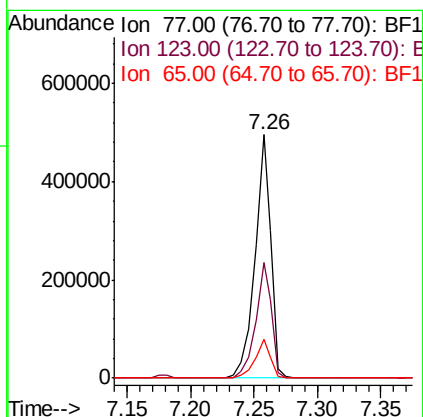
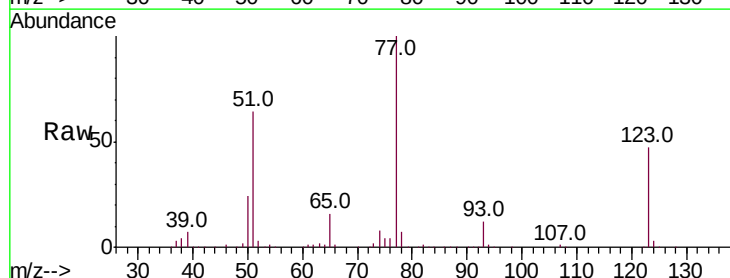
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

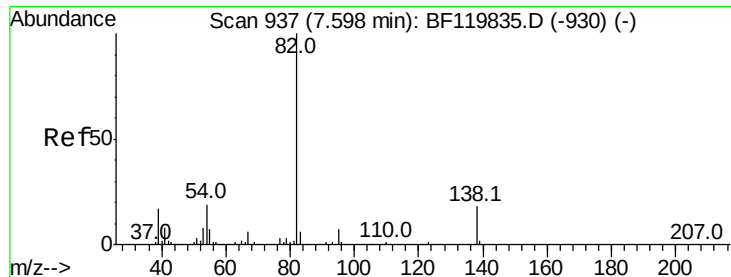
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	61.9	50.6	75.8



#24
 Nitrobenzene
 Concen: 41.436 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	38.0	57.0
65	15.7	12.6	18.8





#25

Isophorone

Concen: 39.774 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

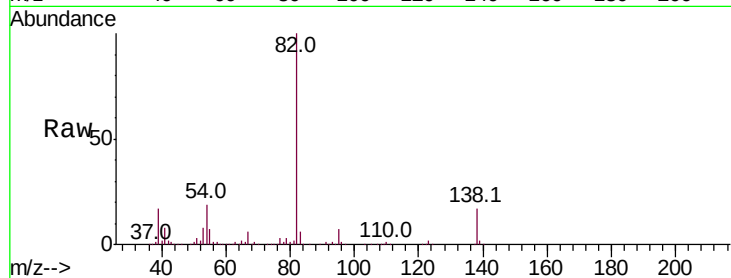
Tot Ion: 82 Resp: 804393

Ion Ratio Lower Upper

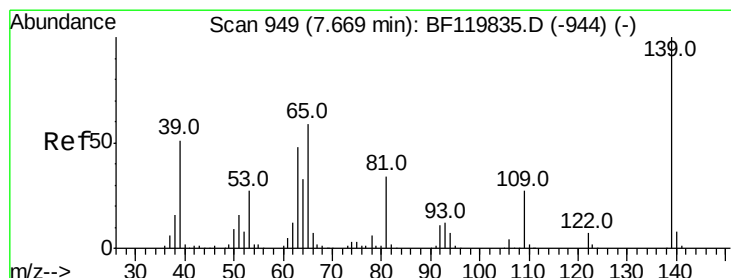
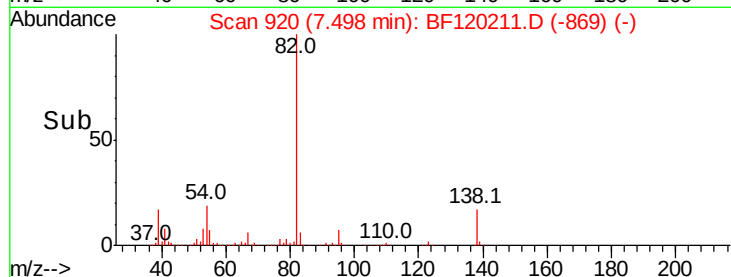
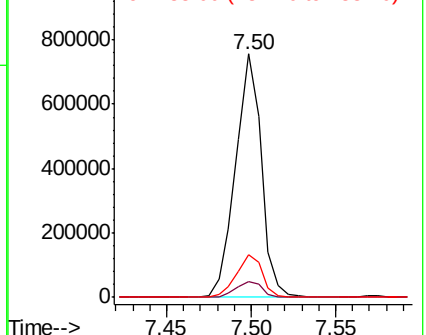
82 100

95 6.5 5.8 8.6

138 17.3 14.6 21.8



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: 42.148 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

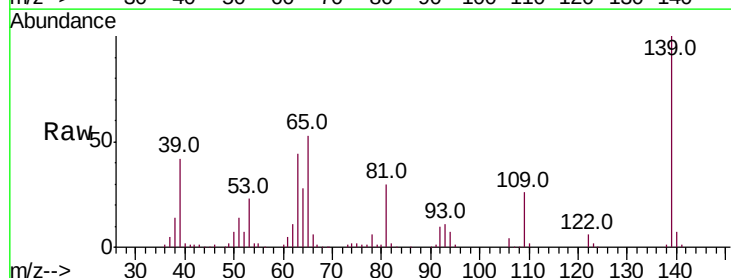
Tgt Ion: 139 Resp: 222230

Ion Ratio Lower Upper

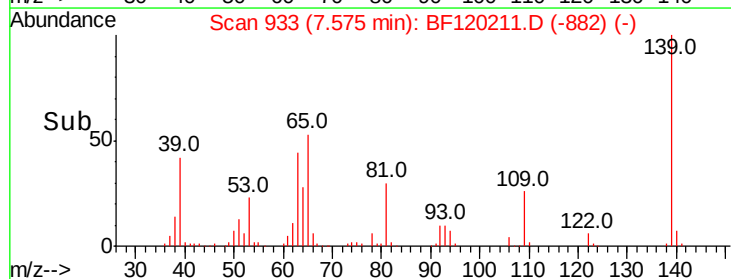
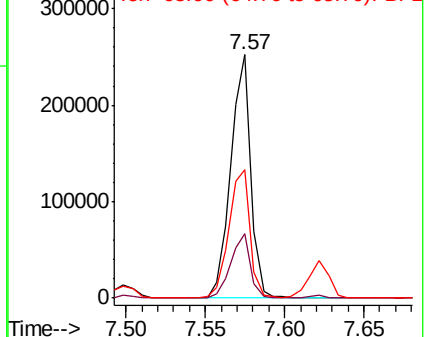
139 100

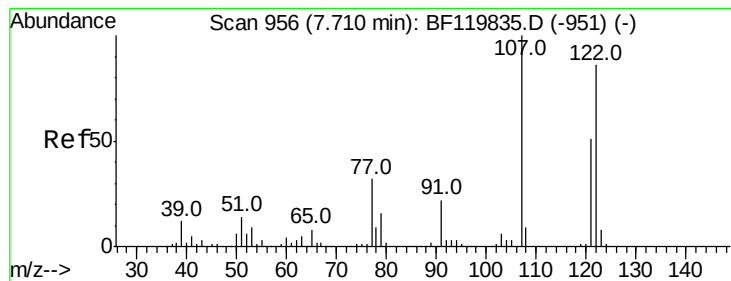
109 26.3 22.1 33.1

65 52.7 49.2 73.8



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: 41.246 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

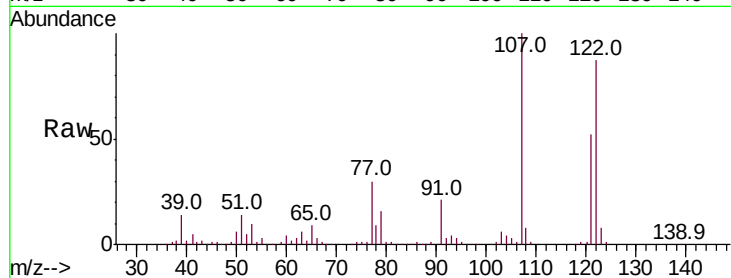
Tot Ion:122 Resp: 327991

Ion Ratio Lower Upper

122 100

107 114.5 89.0 133.6

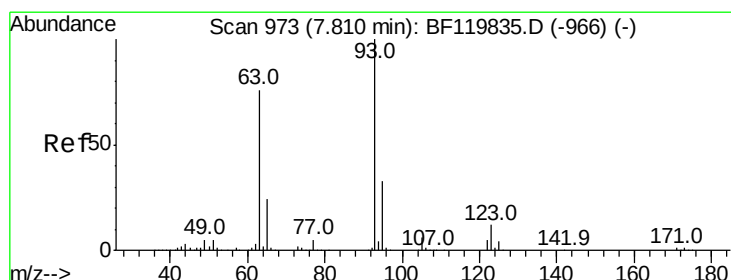
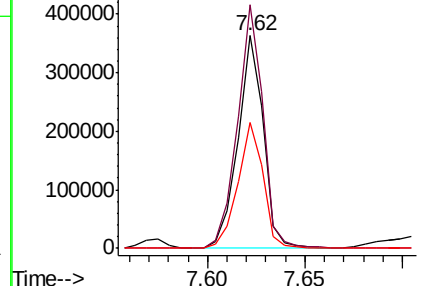
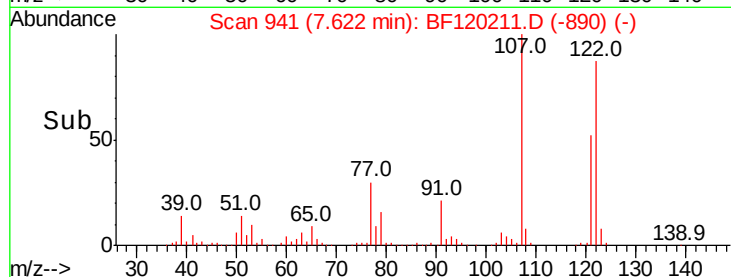
121 59.2 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.563 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

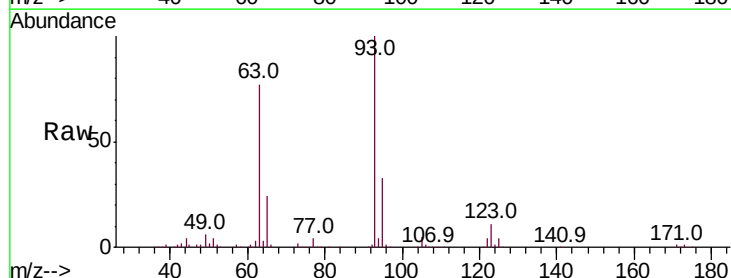
Tgt Ion: 93 Resp: 482726

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

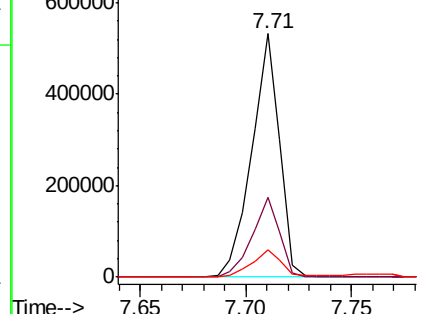
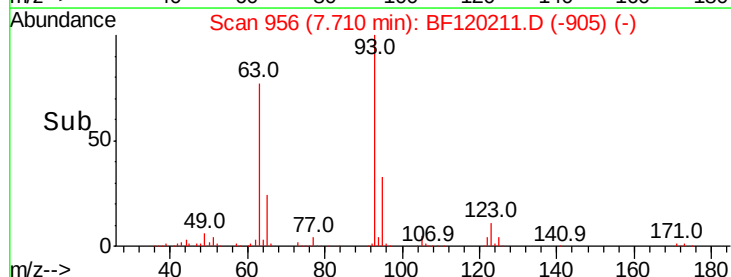
123 11.2 9.7 14.5

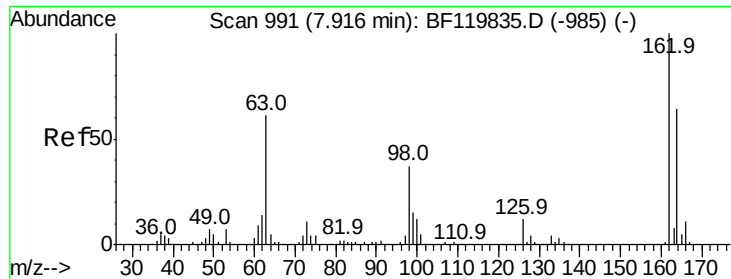


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

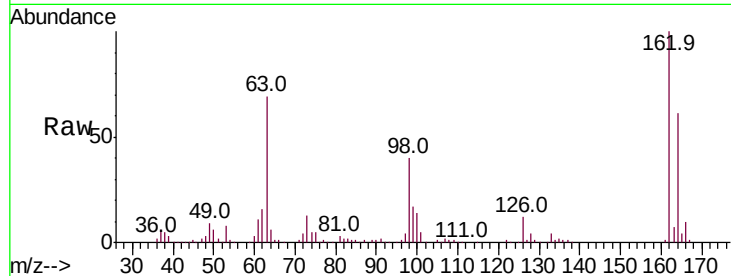




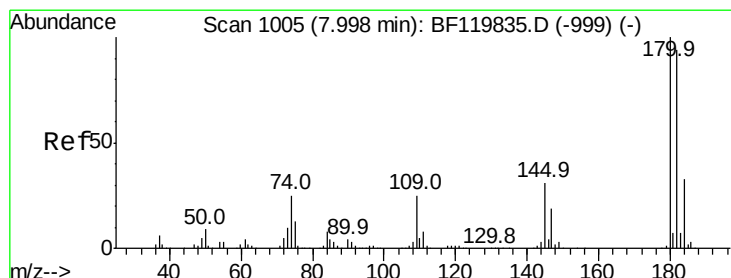
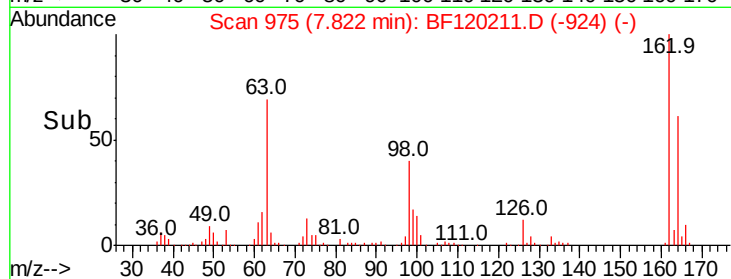
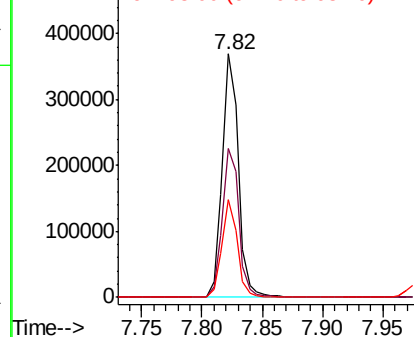
#29
 2,4-Dichlorophenol
 Concen: 41.342 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.7	84.7
98	39.9	20.7	60.7

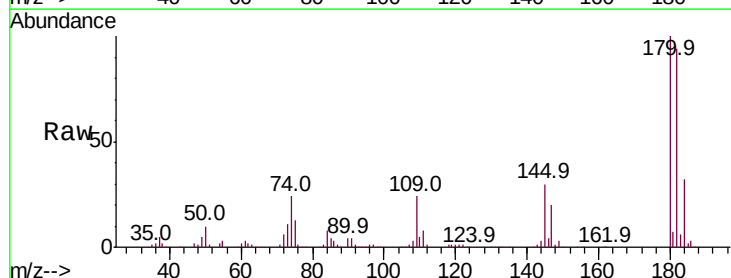


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

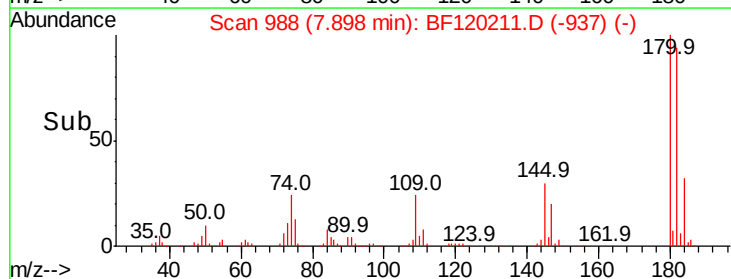
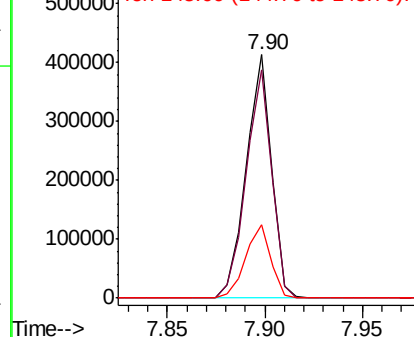


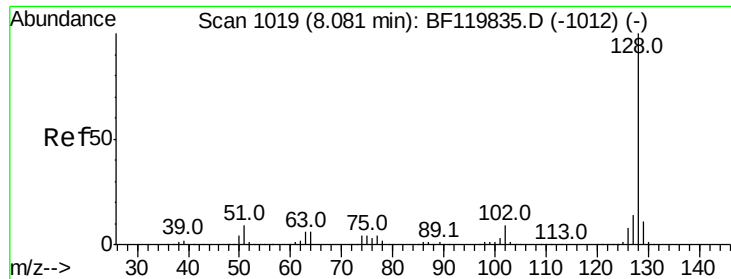
#30
 1,2,4-Trichlorobenzene
 Concen: 40.058 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.7	112.1
145	30.1	24.5	36.7



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

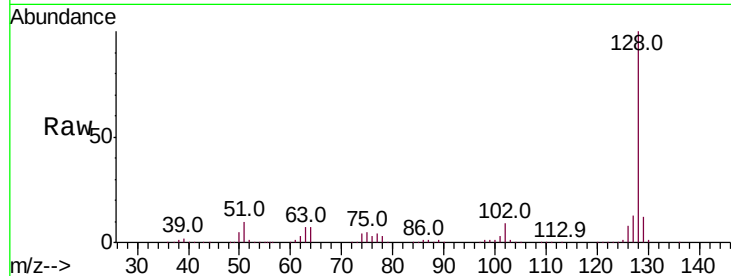




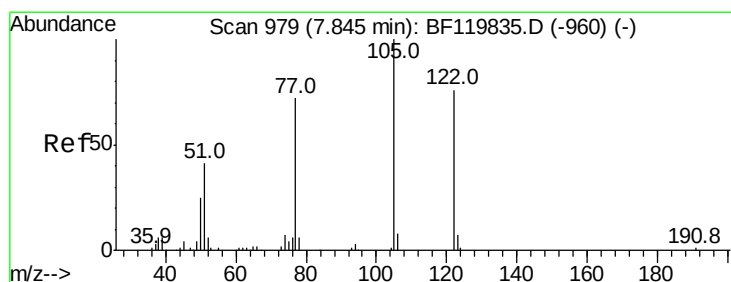
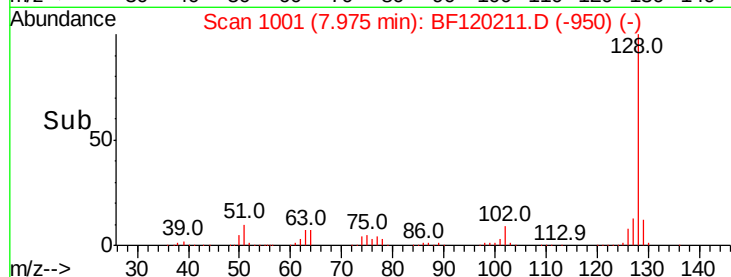
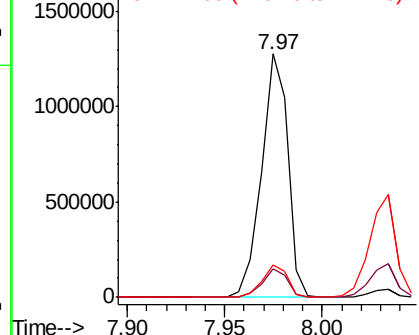
#31
Naphthalene
Concen: 41.608 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1188144
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.2 11.3 16.9

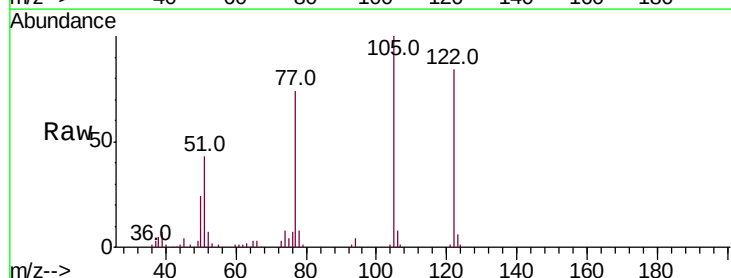


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

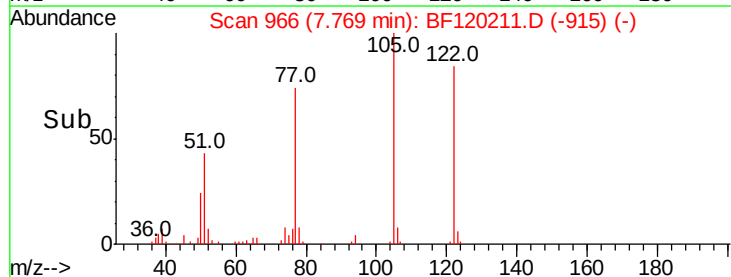
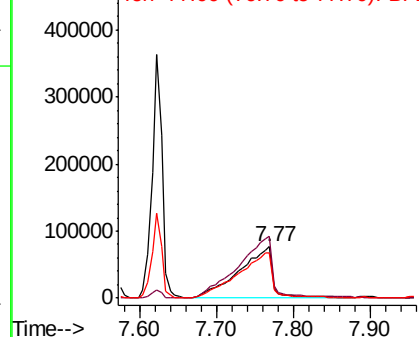


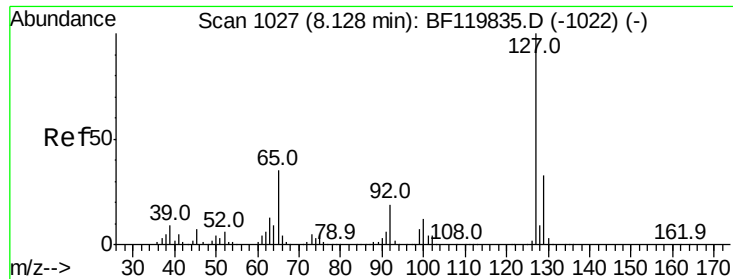
#32
Benzoic acid
Concen: 33.422 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:122 Resp: 233422
Ion Ratio Lower Upper
122 100
105 119.7 104.9 144.9
77 88.9 74.4 114.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

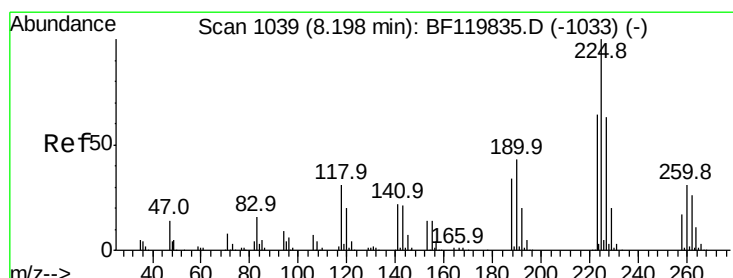
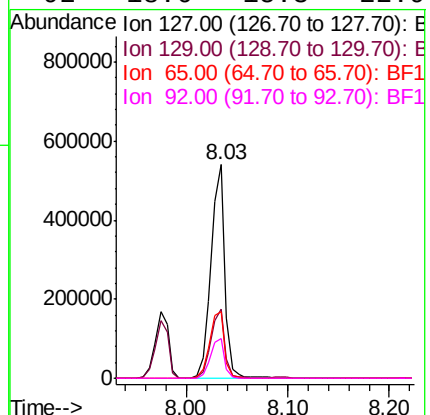
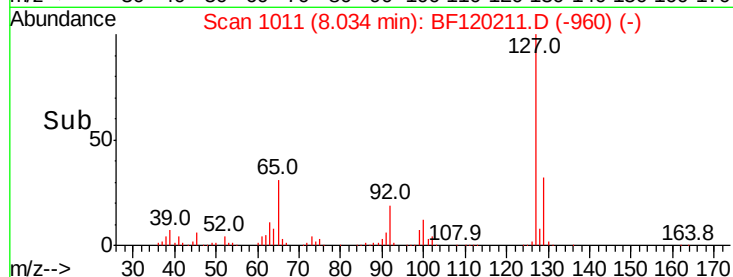
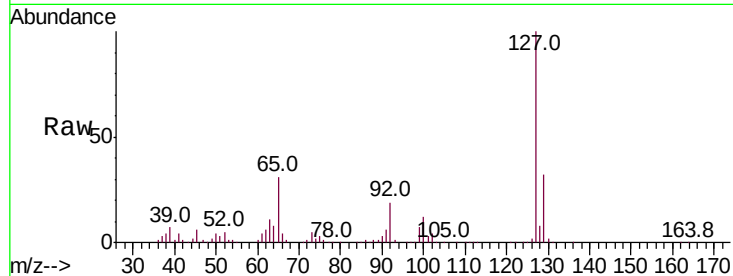




#33
4-Chloroaniline
Concen: 40.811 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

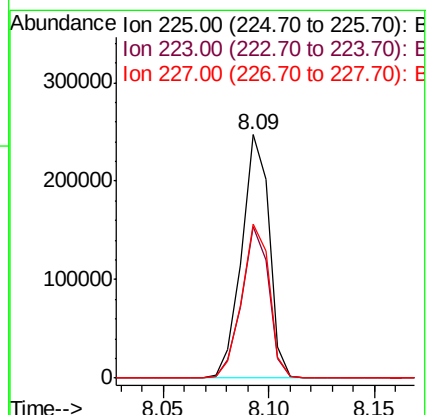
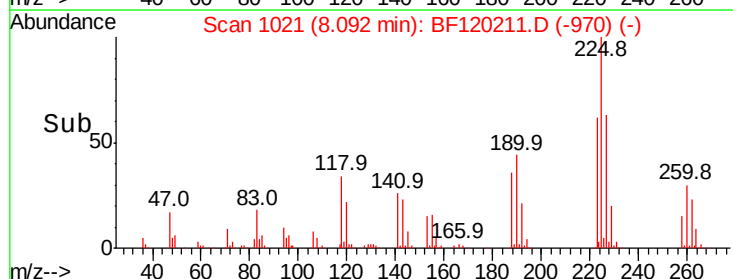
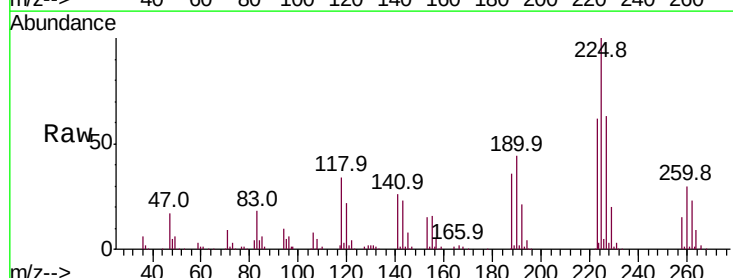
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

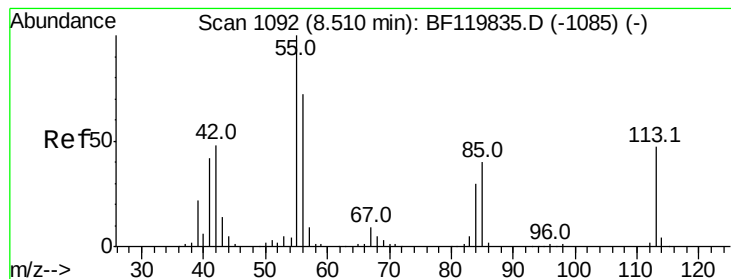
Tot Ion:	127	Resp:	507334
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	31.4	27.4	41.0
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 40.182 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:	225	Resp:	222153
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	63.3	50.7	76.1





#35

Caprolactam

Concen: 40.351 ng

RT: 8.41 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

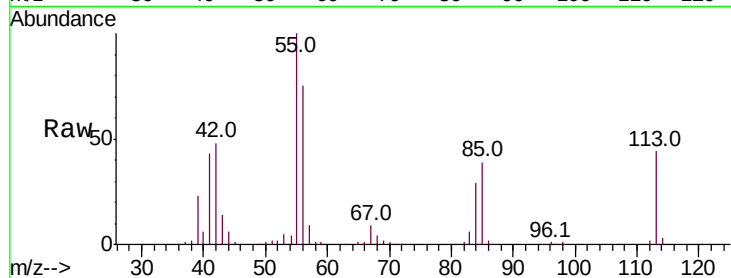
Tot Ion:113 Resp: 100612

Ion Ratio Lower Upper

113 100

55 226.1 218.4 258.4

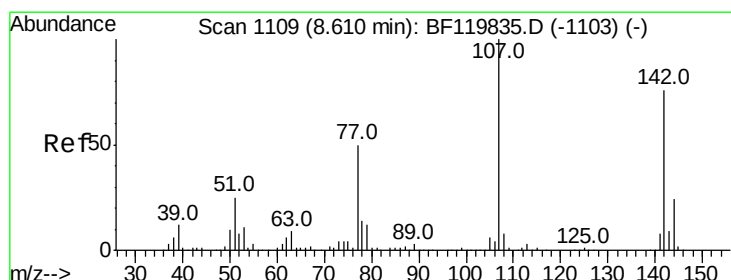
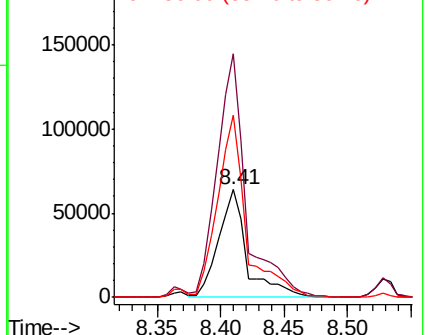
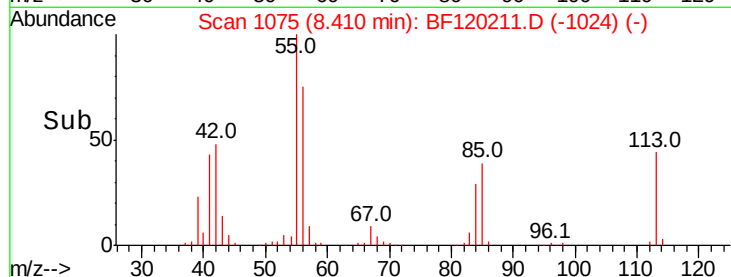
56 169.6 148.9 188.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.861 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

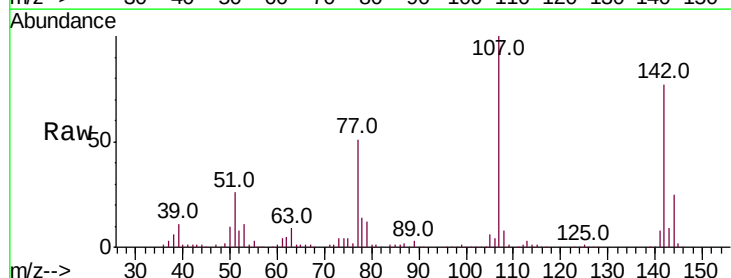
Tgt Ion:107 Resp: 360595

Ion Ratio Lower Upper

107 100

144 25.1 21.0 31.6

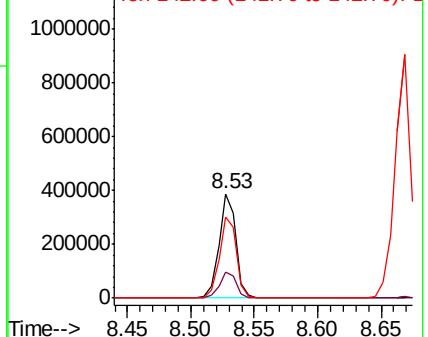
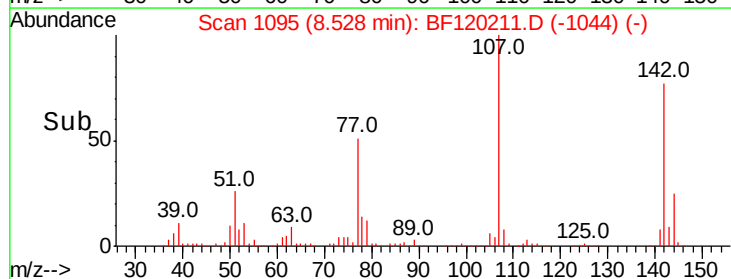
142 77.3 64.4 96.6

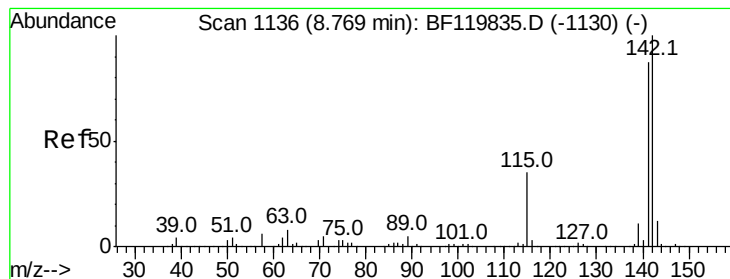


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.268 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

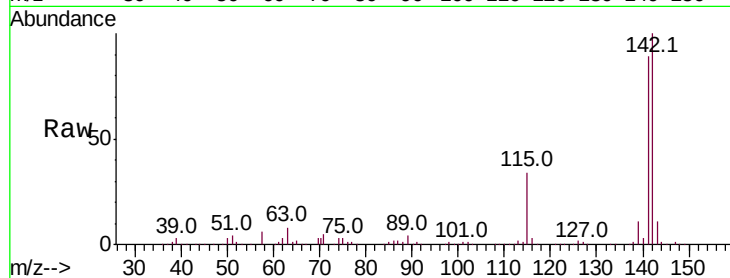
Tot Ion:142 Resp: 779586

Ion Ratio Lower Upper

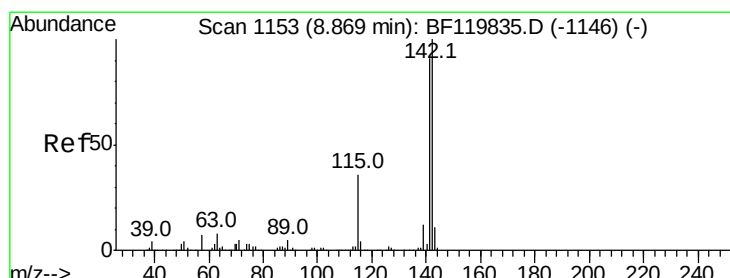
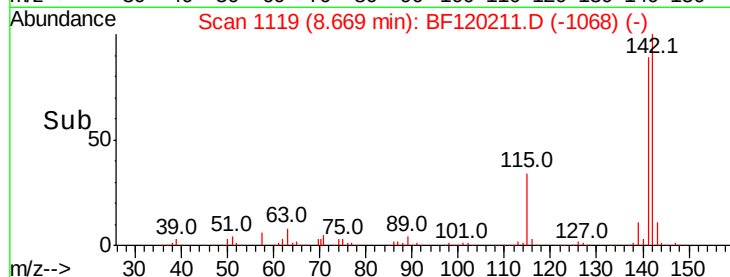
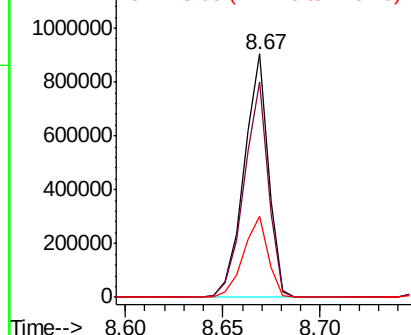
142 100

141 88.5 71.7 107.5

115 33.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.312 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

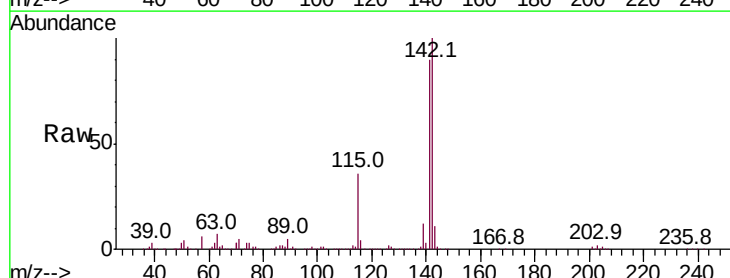
Tgt Ion:142 Resp: 735587

Ion Ratio Lower Upper

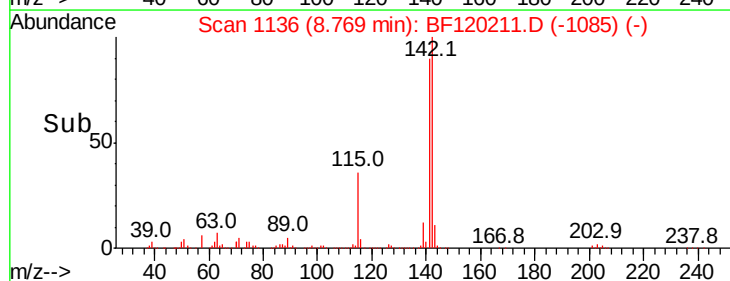
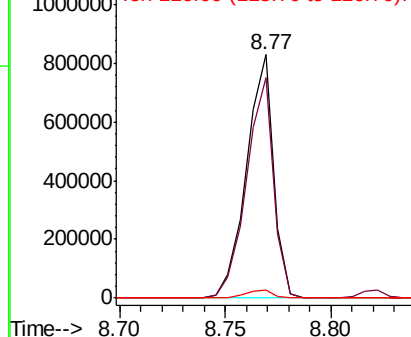
142 100

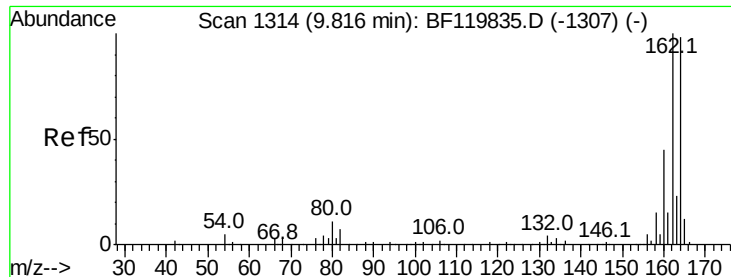
141 90.4 73.7 110.5

116 3.5 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

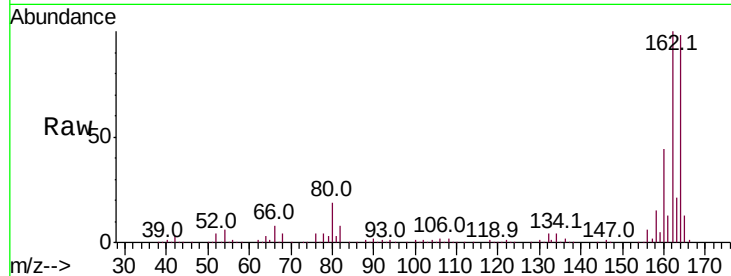




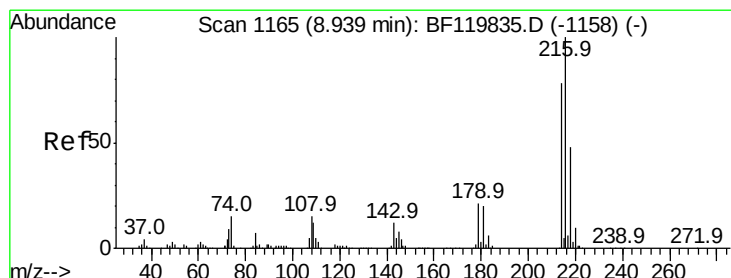
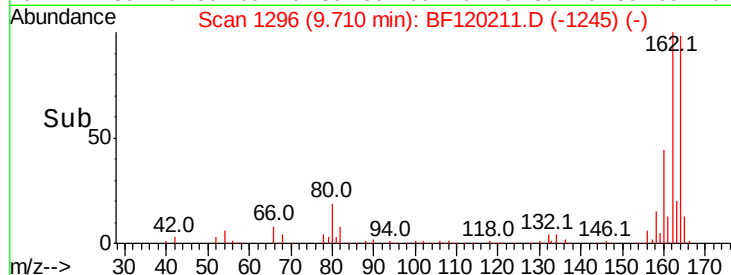
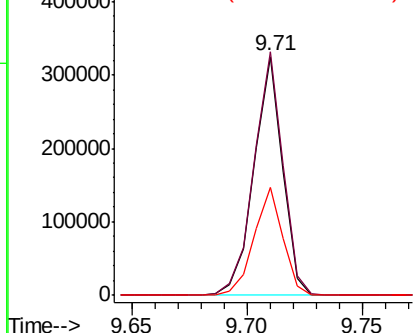
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:164 Resp: 281416
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.6 121.0
 160 45.1 35.7 53.5

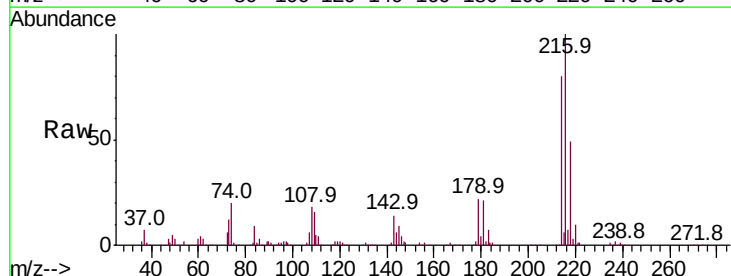


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

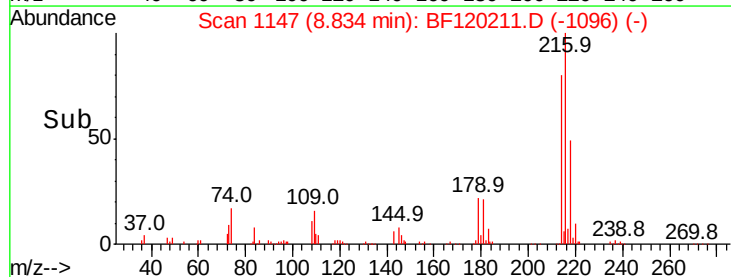
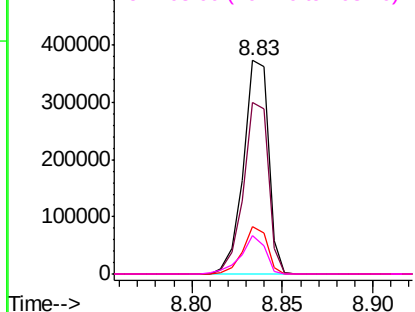


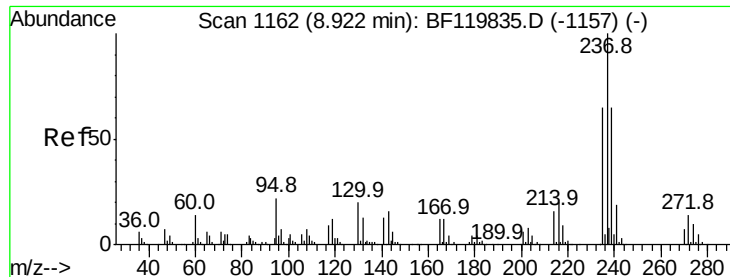
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.289 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:216 Resp: 358100
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.2 94.8
 179 21.4 17.1 25.7
 108 17.7 15.1 22.7



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

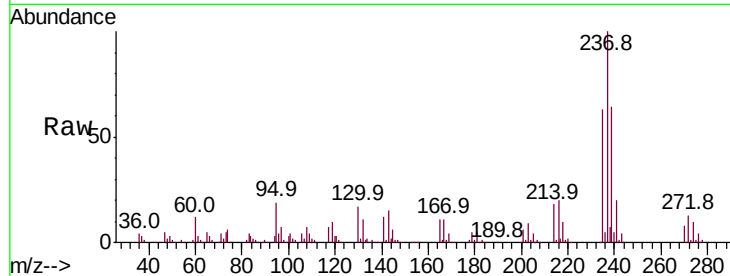




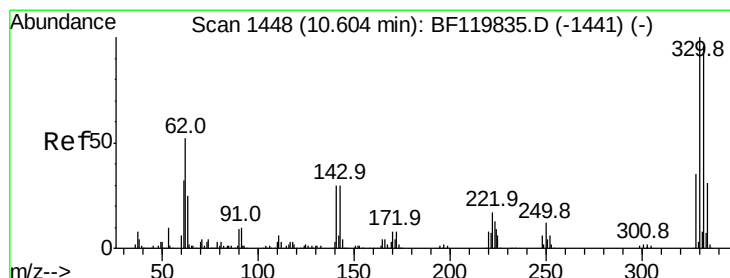
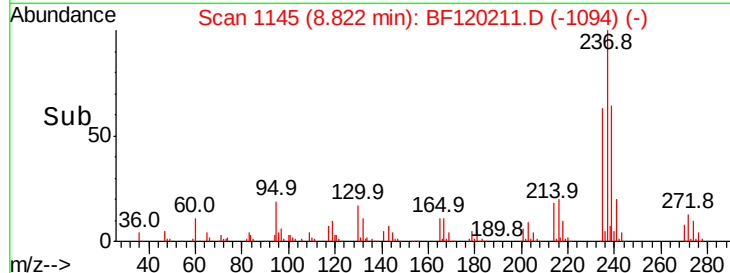
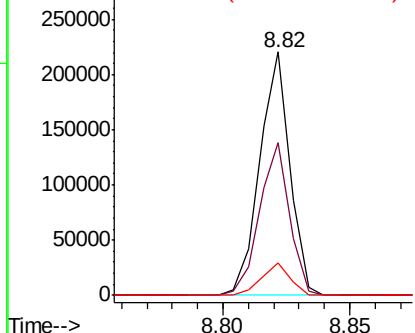
#41
Hexachlorocyclopentadiene
Concen: 35.933 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:237 Resp: 181612
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.3 0.0 34.1

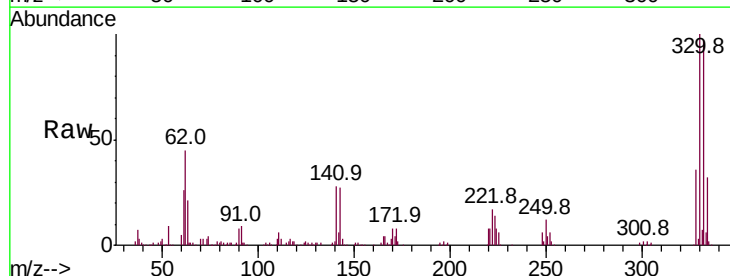


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

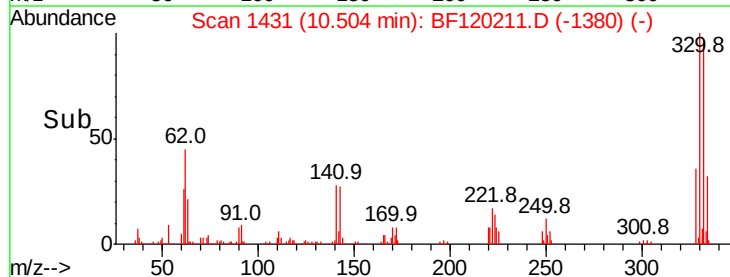
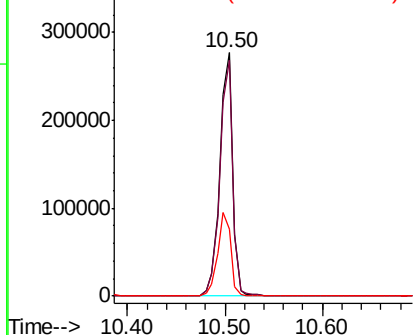


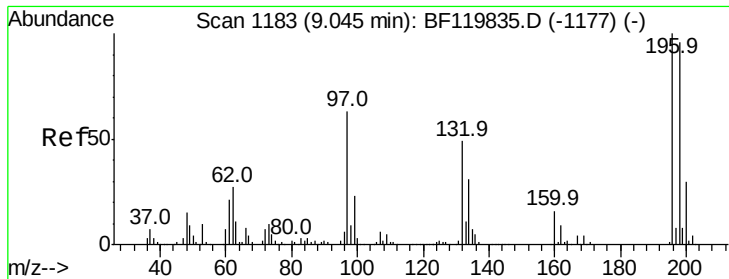
#42
2,4,6-Tribromophenol
Concen: 74.041 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:330 Resp: 255107
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 35.0 25.4 38.0



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

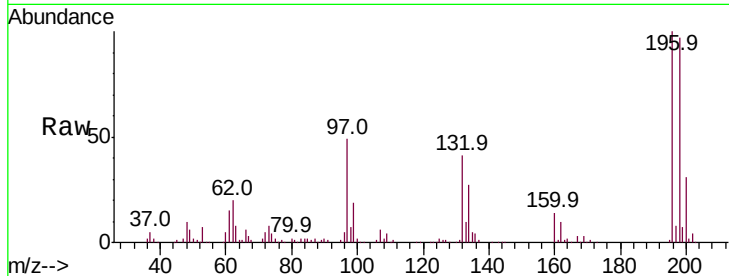




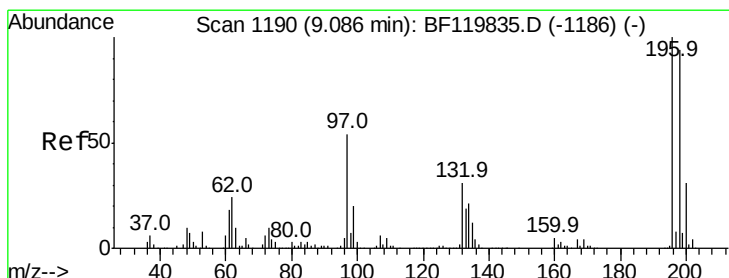
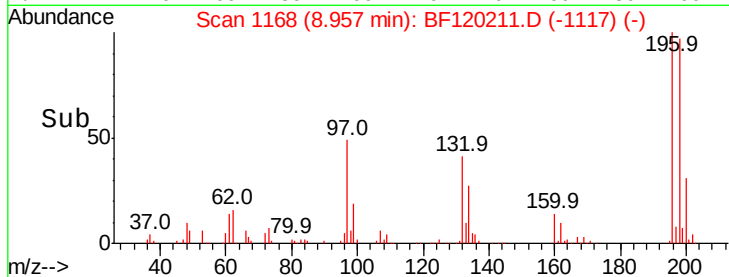
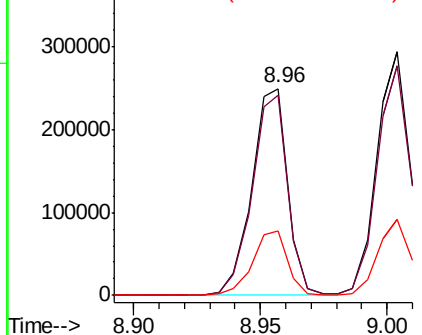
#43
 2,4,6-Trichlorophenol
 Concen: 40.404 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 247992
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 115.0
 200 31.4 24.6 36.8

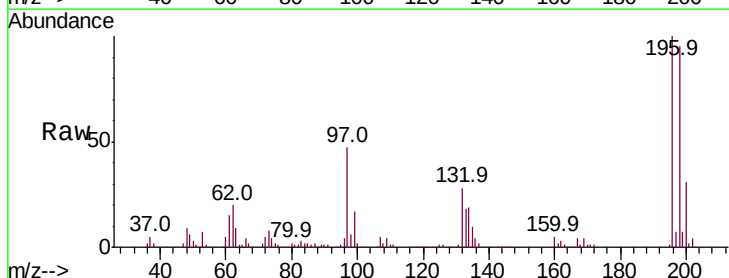


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

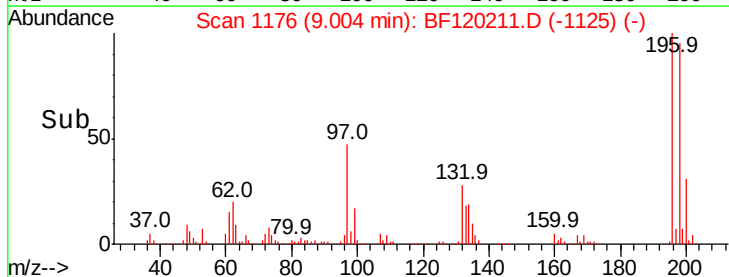
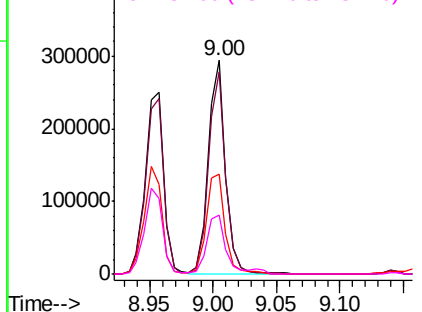


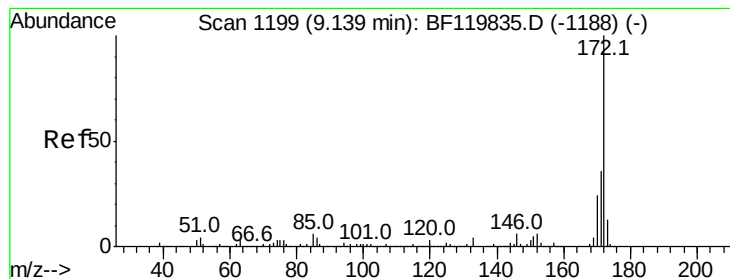
#44
 2,4,5-Trichlorophenol
 Concen: 40.351 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:196 Resp: 278948
 Ion Ratio Lower Upper
 196 100
 198 94.5 73.8 110.8
 97 46.8 42.6 63.8
 132 27.7 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 83.095 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

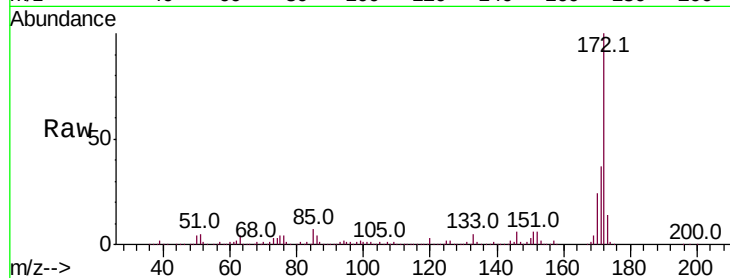
Tot Ion:172 Resp: 1647023

Ion Ratio Lower Upper

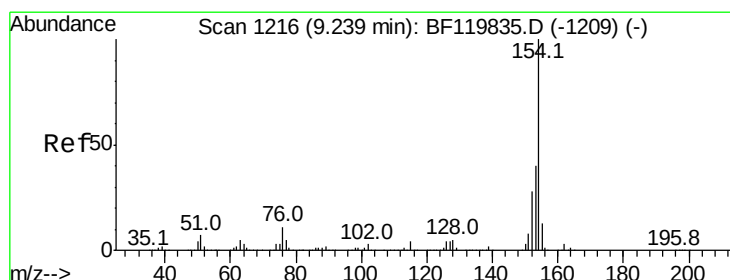
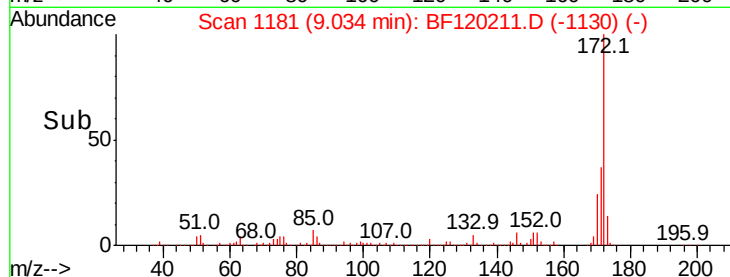
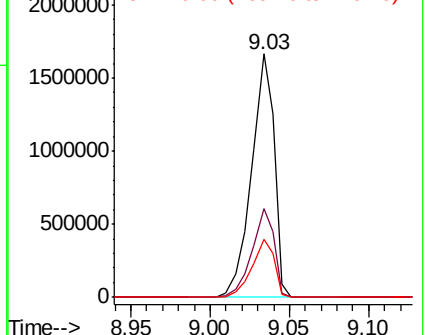
172 100

171 36.5 29.6 44.4

170 23.8 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.720 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

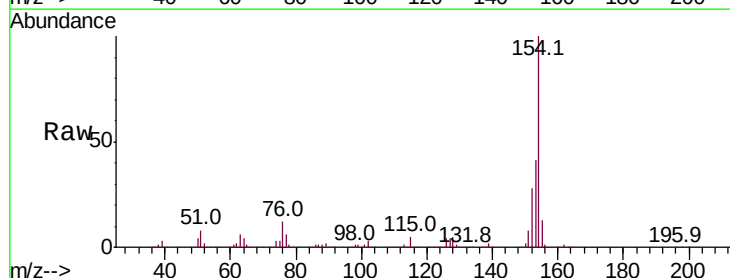
Tgt Ion:154 Resp: 990984

Ion Ratio Lower Upper

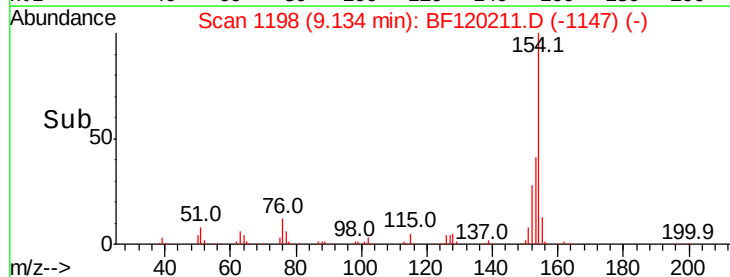
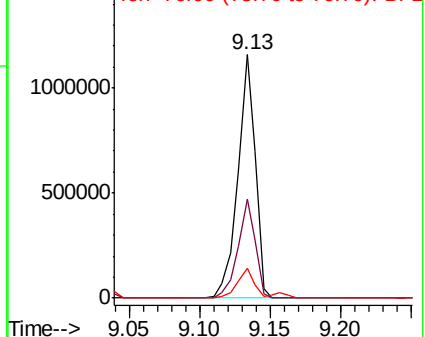
154 100

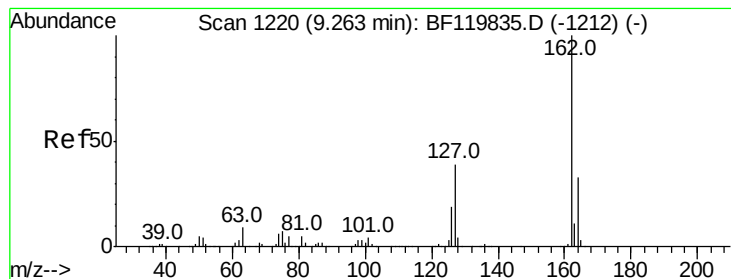
153 40.6 21.4 61.4

76 12.2 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.192 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

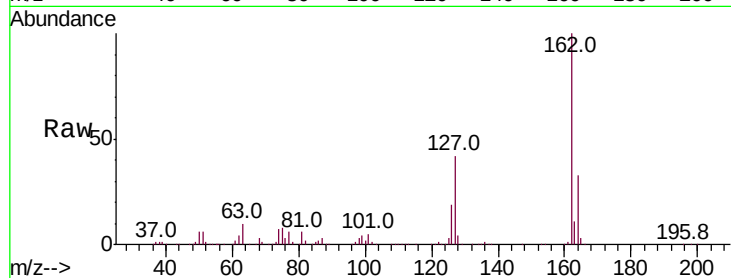
Tot Ion:162 Resp: 753734

Ion Ratio Lower Upper

162 100

127 41.7 33.7 50.5

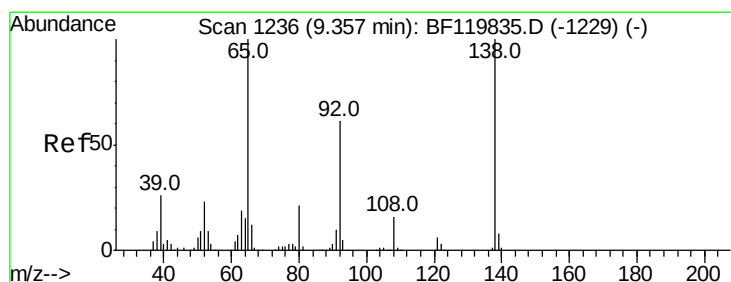
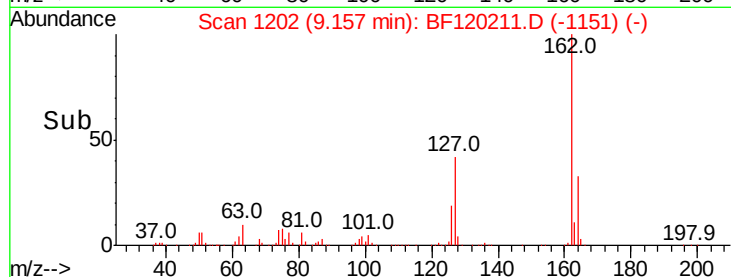
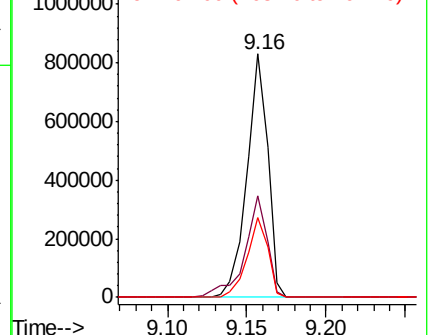
164 32.8 26.3 39.5



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: 42.069 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

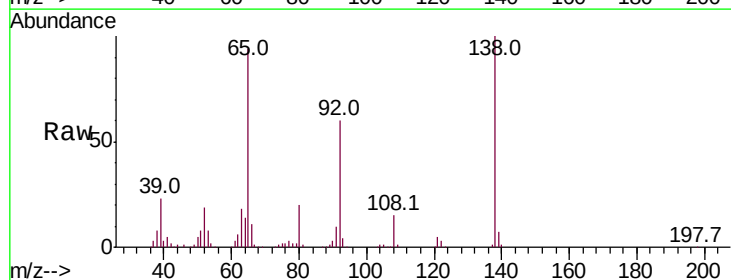
Tgt Ion: 65 Resp: 278959

Ion Ratio Lower Upper

65 100

92 64.3 50.0 75.0

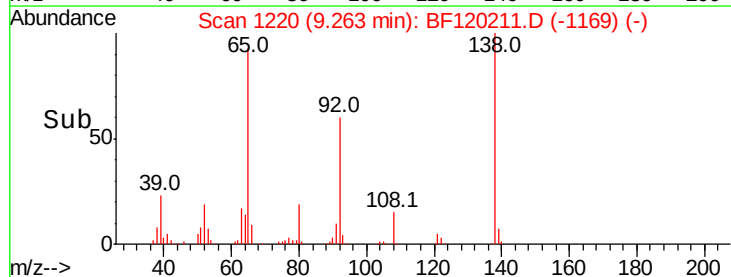
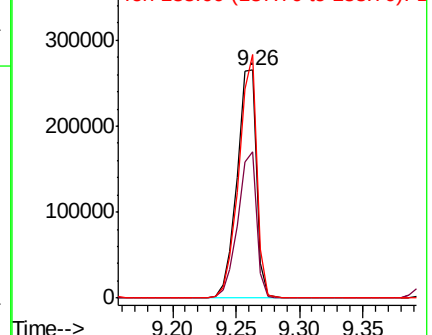
138 106.7 75.0 112.4

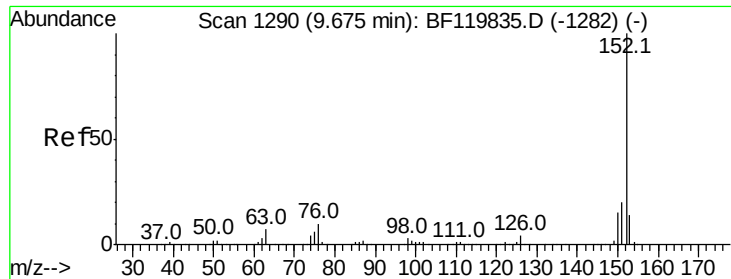


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.579 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

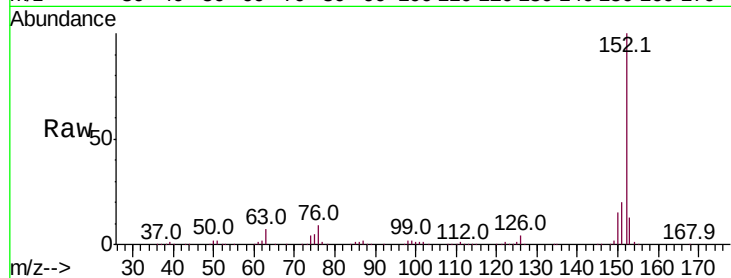
Tot Ion:152 Resp: 1157058

Ion Ratio Lower Upper

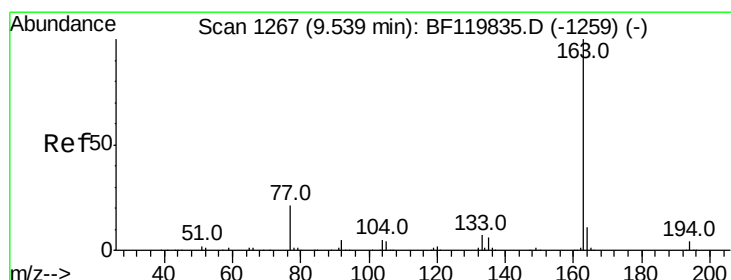
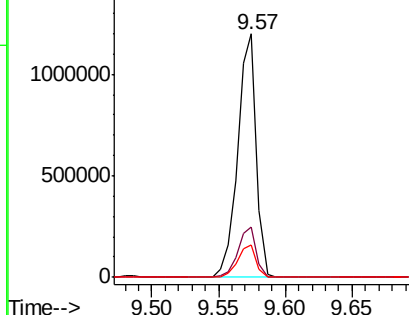
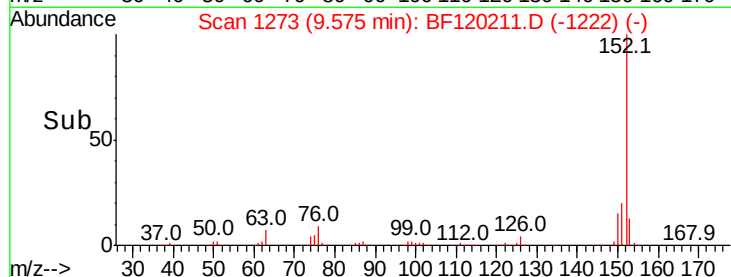
152 100

151 20.5 17.2 25.8

153 13.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.727 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

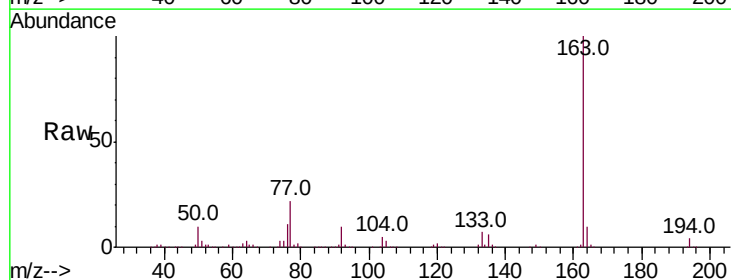
Tgt Ion:163 Resp: 886513

Ion Ratio Lower Upper

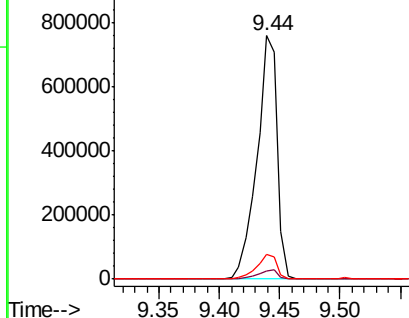
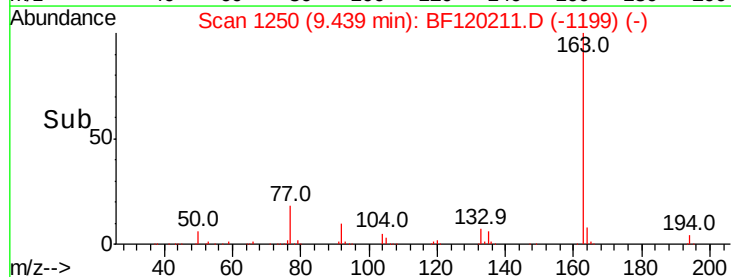
163 100

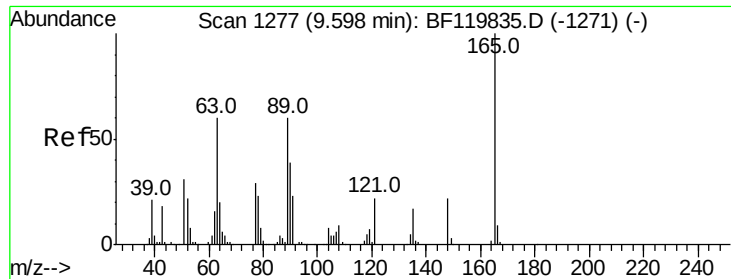
194 3.6 3.1 4.7

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

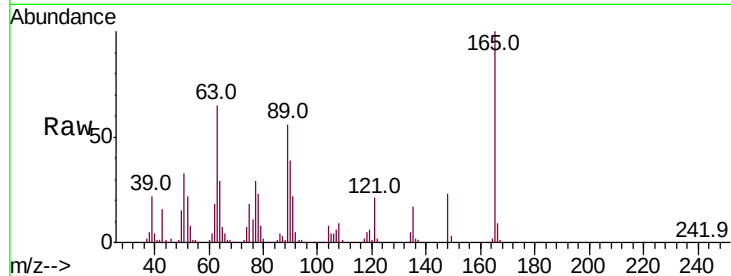




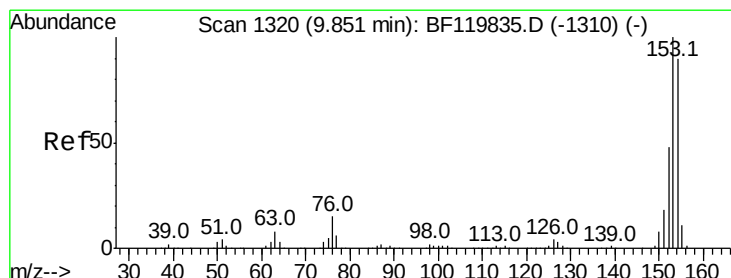
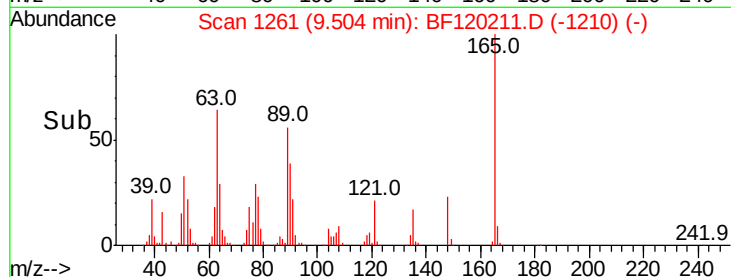
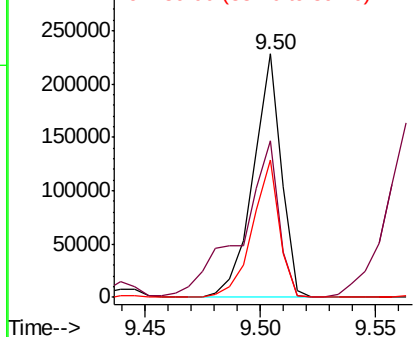
#51
2,6-Dinitrotoluene
Concen: 40.819 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 194569
Ion Ratio Lower Upper
165 100
63 64.5 45.0 67.4
89 56.3 41.5 62.3

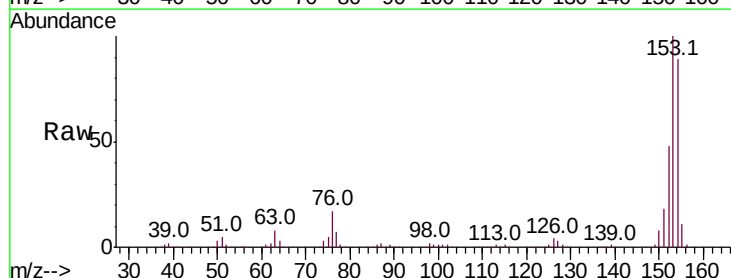


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

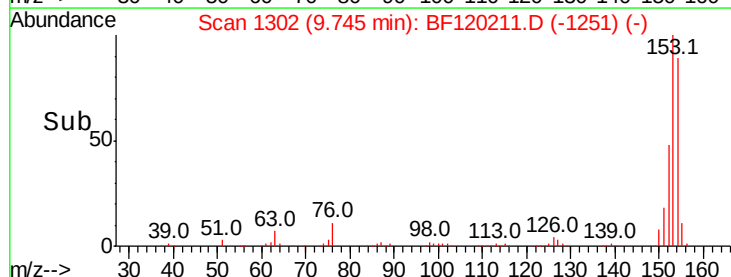
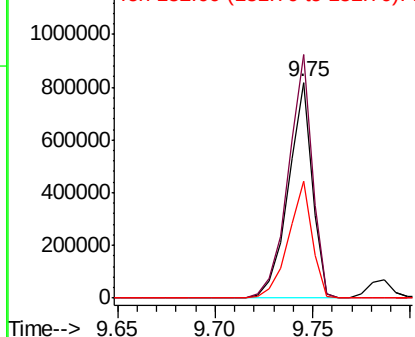


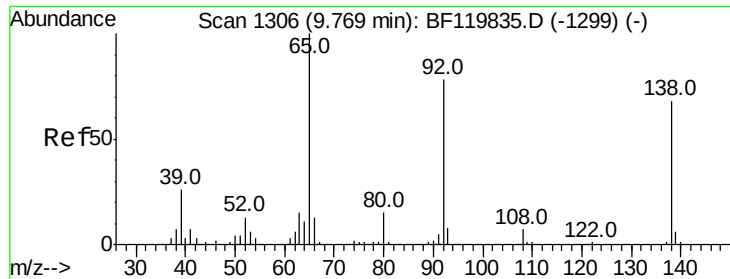
#52
Acenaphthene
Concen: 37.374 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:154 Resp: 693772
Ion Ratio Lower Upper
154 100
153 112.9 88.1 132.1
152 54.2 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

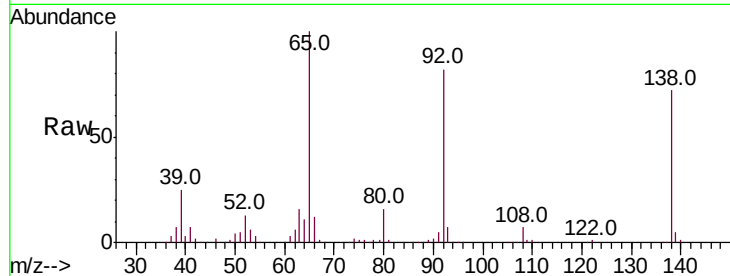




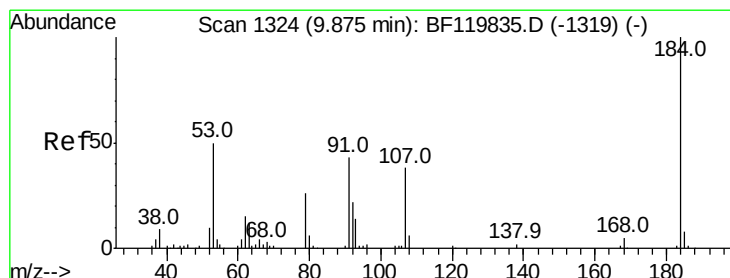
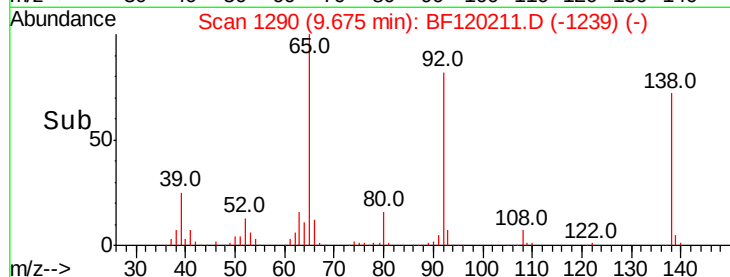
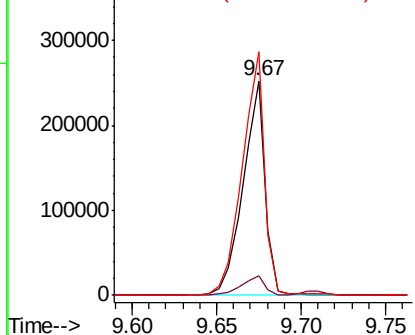
#53
 3-Nitroaniline
 Concen: 42.165 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 229544
 Ion Ratio Lower Upper
 138 100
 108 9.2 8.6 13.0
 92 113.3 95.4 143.0

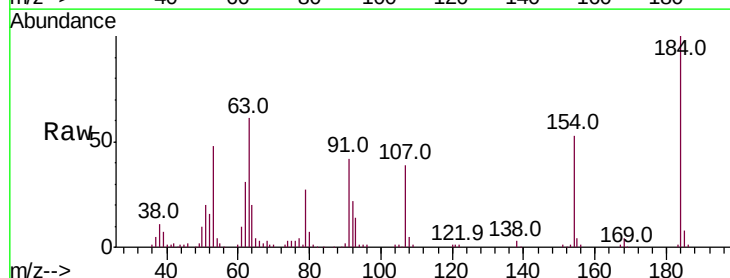


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

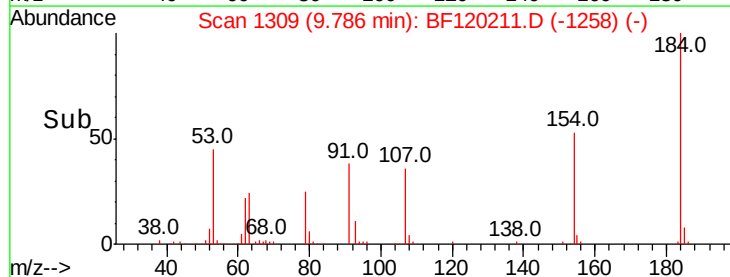
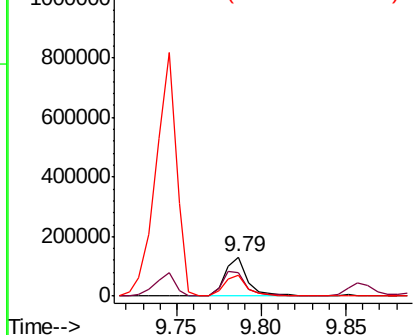


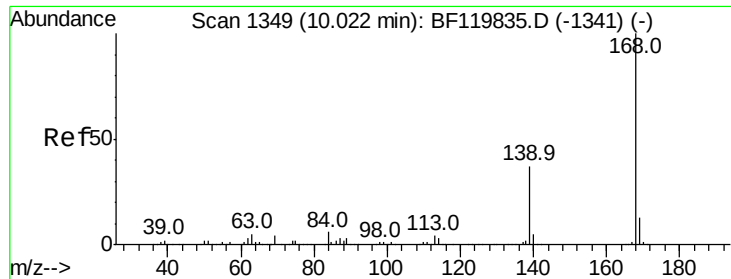
#54
 2,4-Dinitrophenol
 Concen: 43.018 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:184 Resp: 122765
 Ion Ratio Lower Upper
 184 100
 63 60.7 50.2 75.4
 154 53.4 44.5 66.7



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

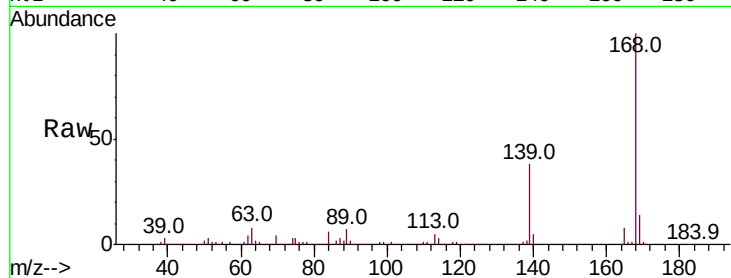




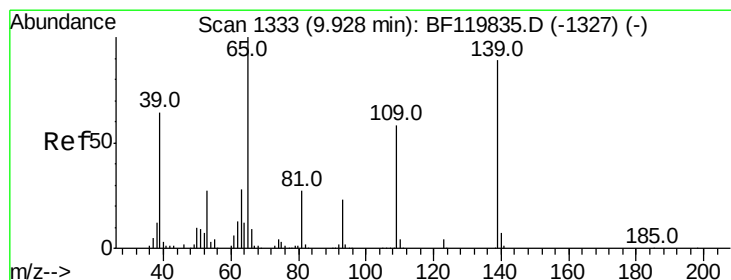
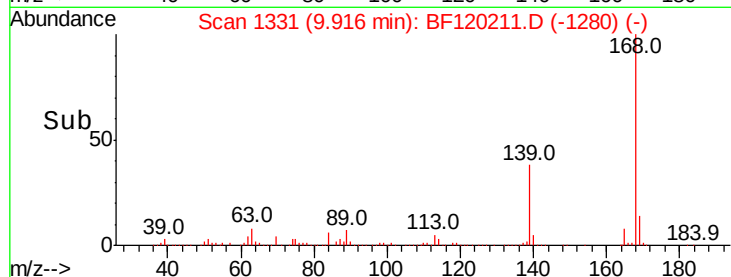
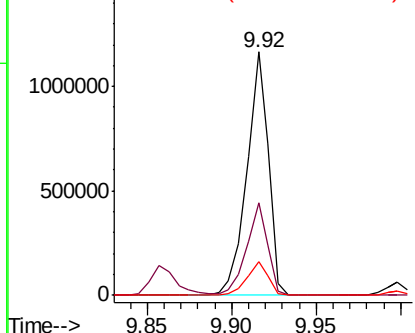
#55
Dibenzofuran
Concen: 40.861 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1040863
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.7 11.0 16.6

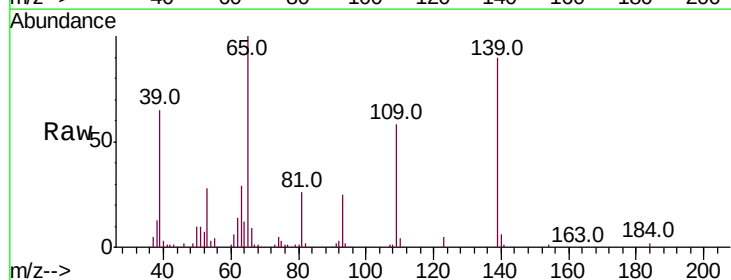


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

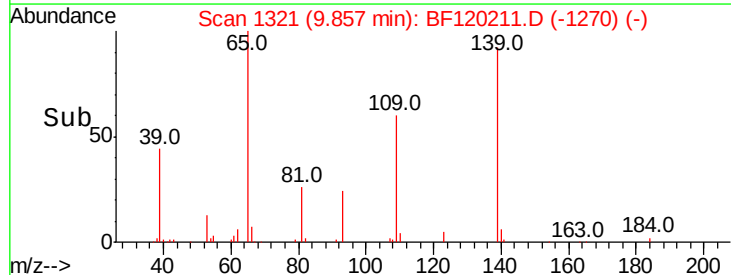
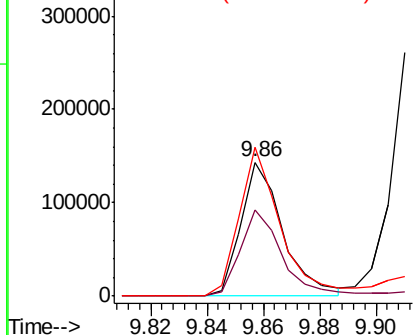


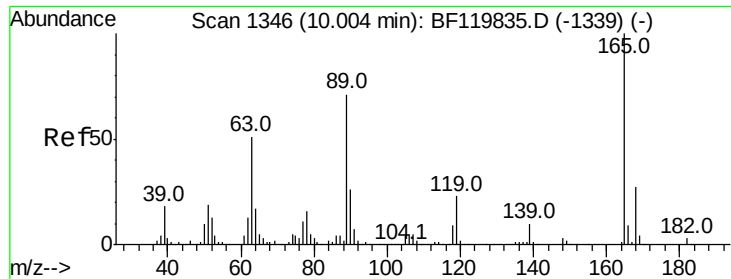
#56
4-Nitrophenol
Concen: 36.537 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:139 Resp: 147996
Ion Ratio Lower Upper
139 100
109 64.8 43.3 83.3
65 111.6 91.0 131.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

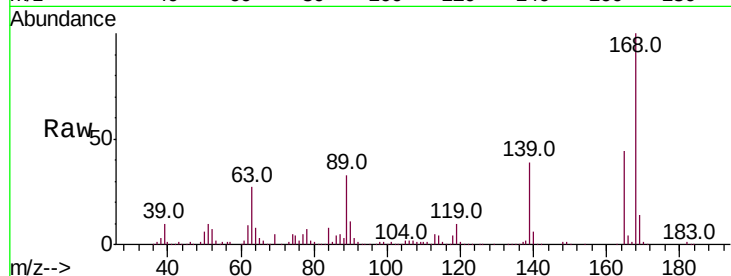




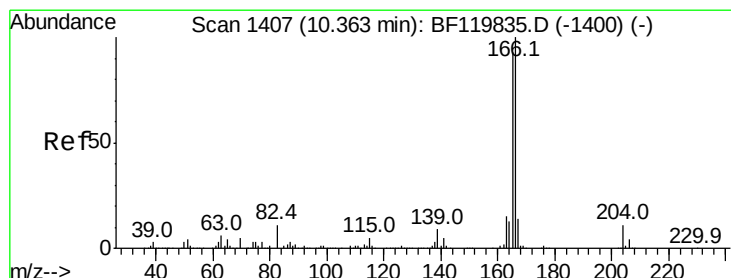
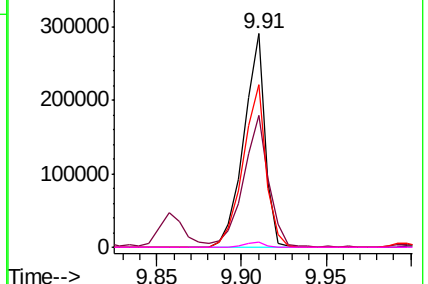
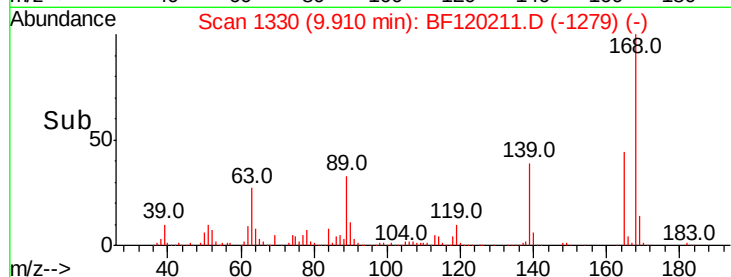
#57
 2,4-Dinitrotoluene
 Concen: 40.571 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.5	42.6	64.0
89	76.0	61.0	91.4
182	2.2	2.2	3.2

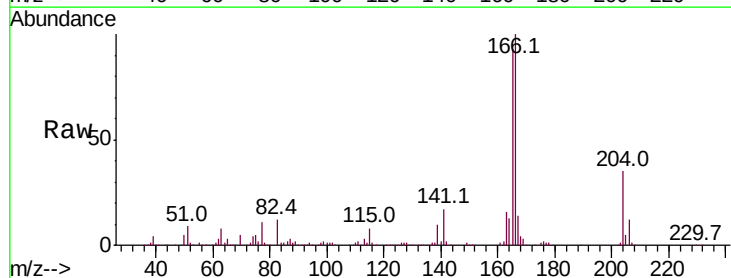


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

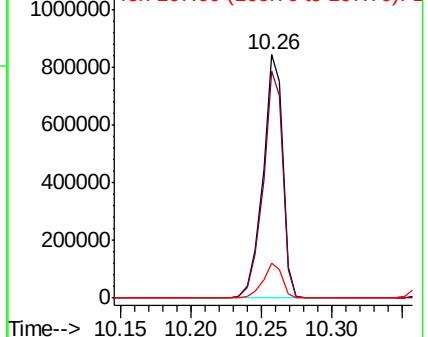
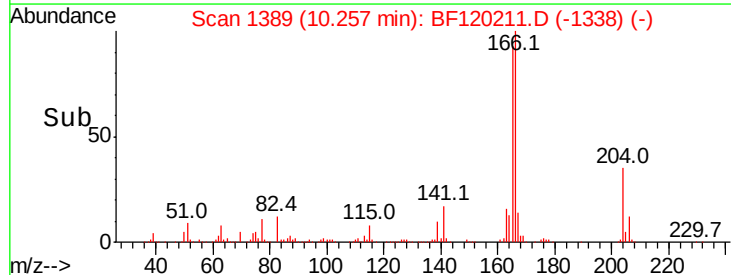


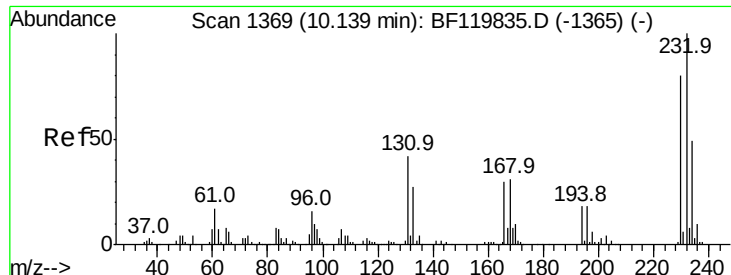
#58
 Fluorene
 Concen: 41.086 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.4	113.2
167	14.1	11.2	16.8



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

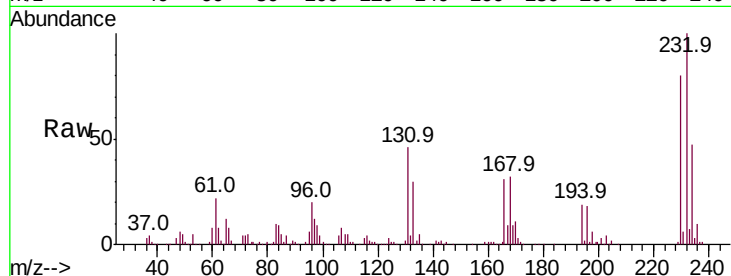




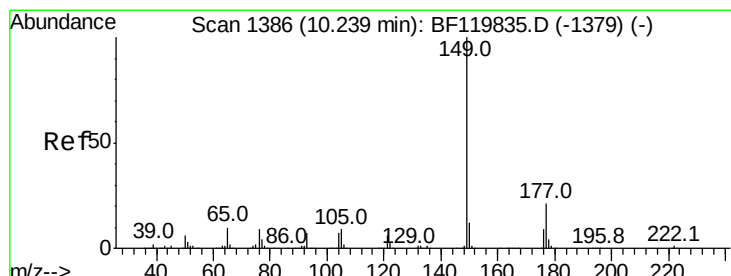
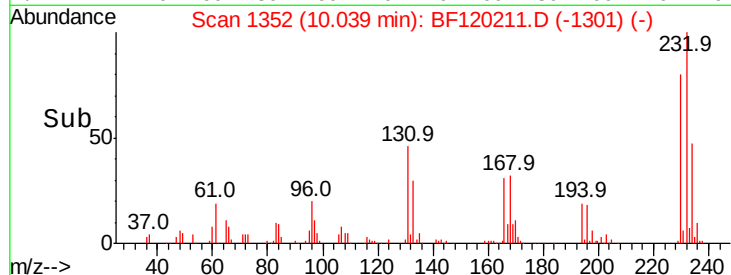
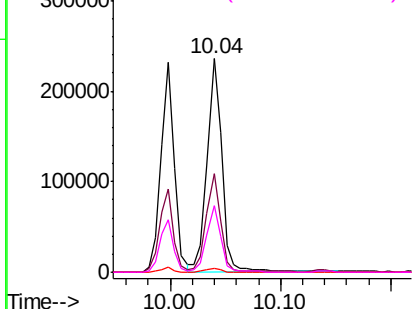
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.280 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	212966
Ion	Ratio	Lower	Upper
232	100		
131	44.2	37.5	56.3
130	1.9	1.8	2.6
166	29.7	24.6	36.8

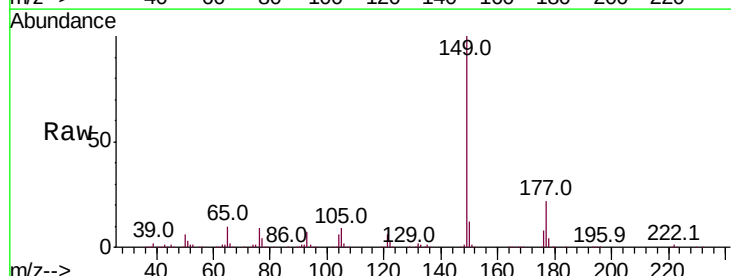


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

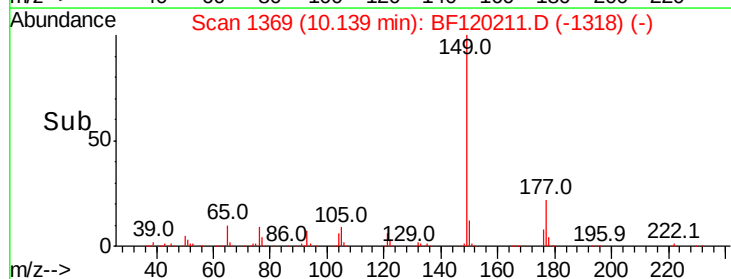
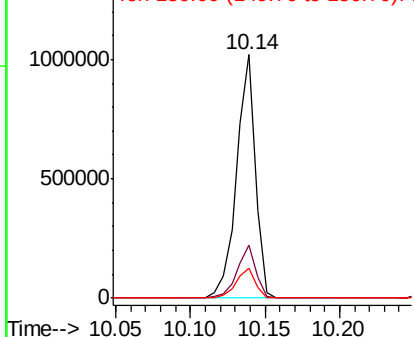


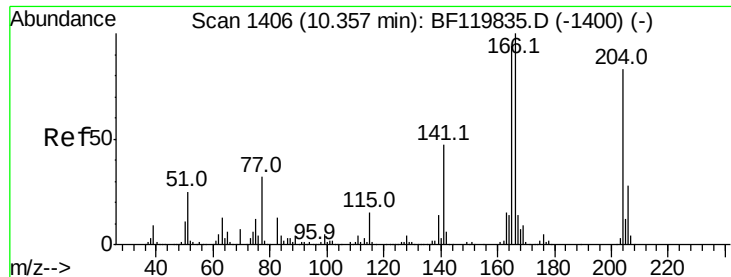
#60
 Diethylphthalate
 Concen: 40.002 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:	149	Resp:	902443
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.4	10.1	15.1



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





#61

4-Chlorophenyl-phenylether

Concen: 39.206 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

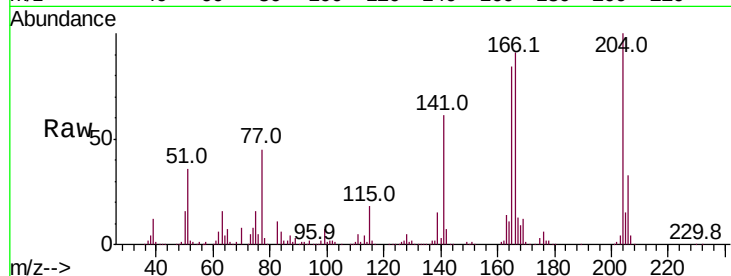
Tot Ion:204 Resp: 409374

Ion Ratio Lower Upper

204 100

206 33.3 26.7 40.1

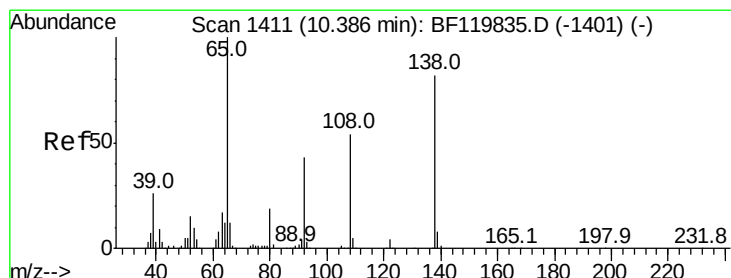
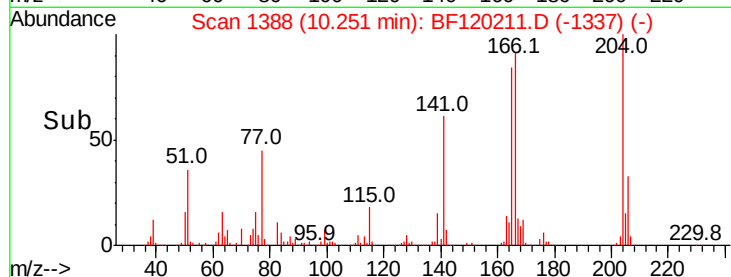
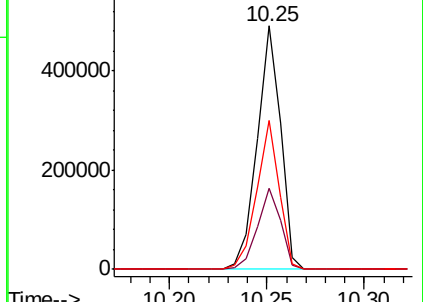
141 61.0 47.3 70.9



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: 45.444 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

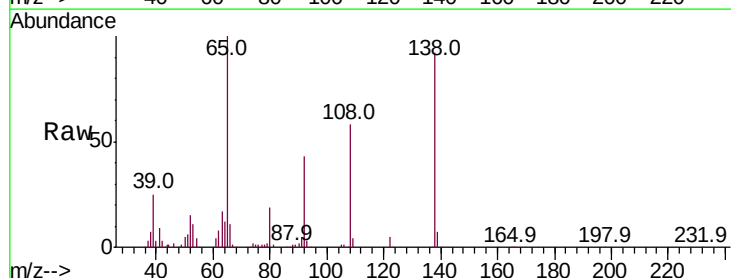
Tgt Ion:138 Resp: 235770

Ion Ratio Lower Upper

138 100

92 46.7 31.5 71.5

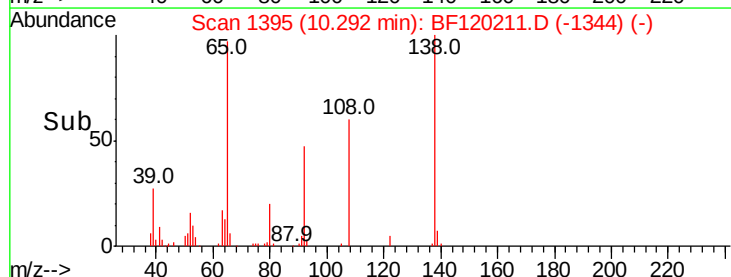
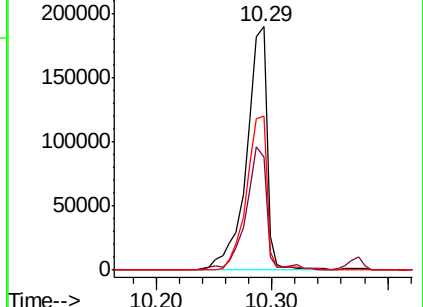
108 63.2 45.8 85.8

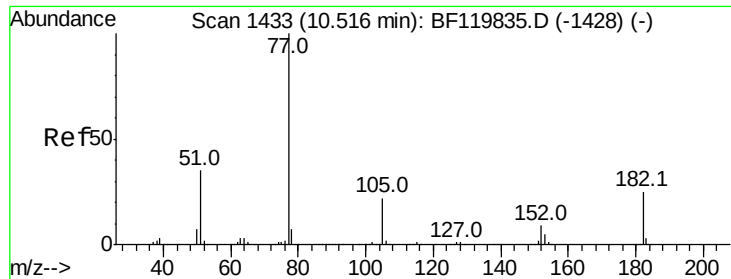


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.291 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 834829

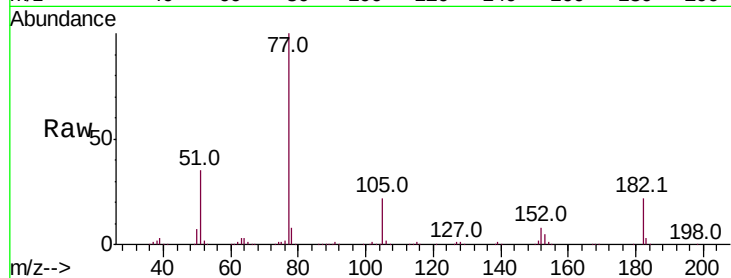
Ion Ratio Lower Upper

77 100

182 21.8 4.4 44.4

105 21.6 2.6 42.6

51 34.6 15.1 55.1

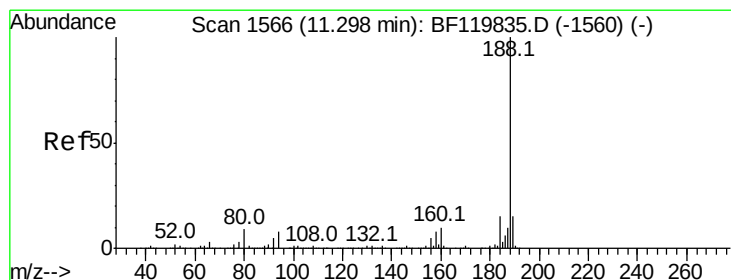
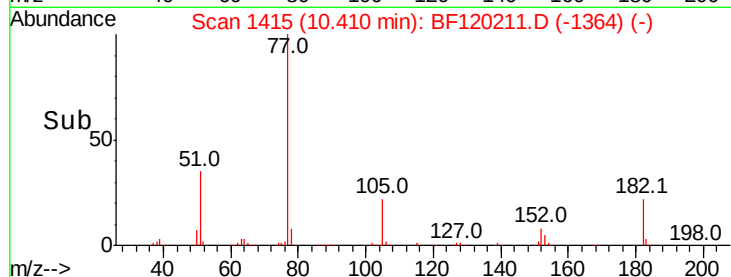
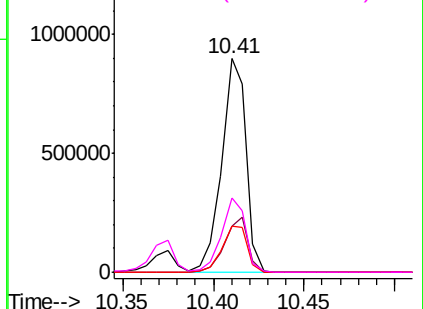


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

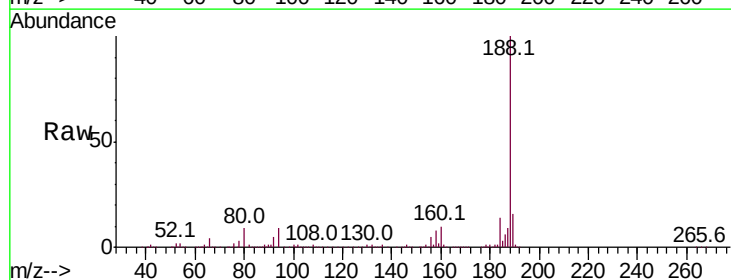
Tgt Ion: 188 Resp: 551962

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

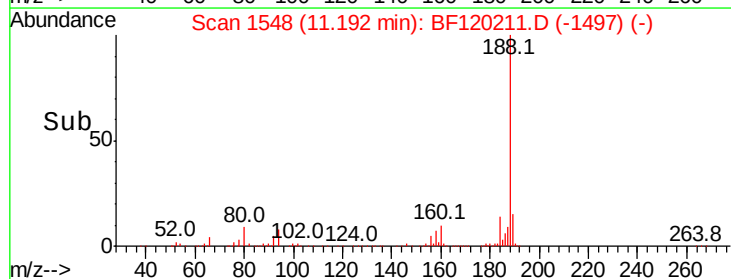
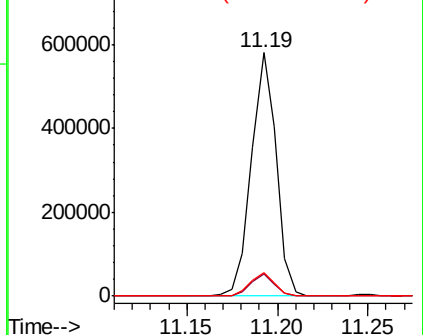
80 9.4 9.0 13.4

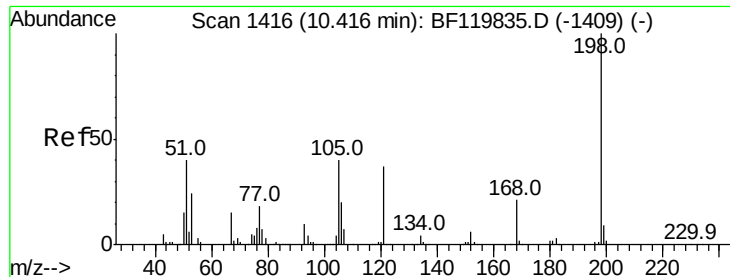


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

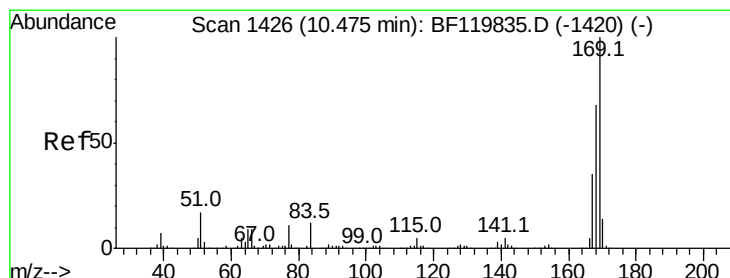
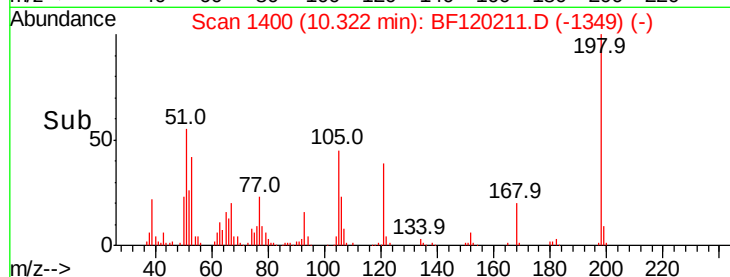
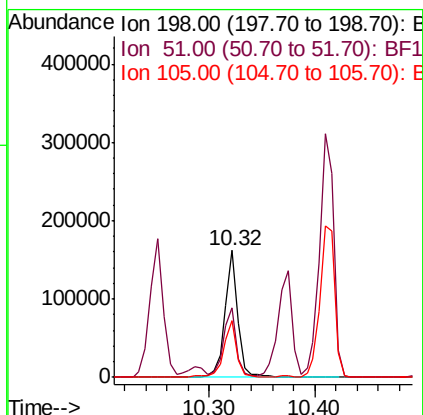
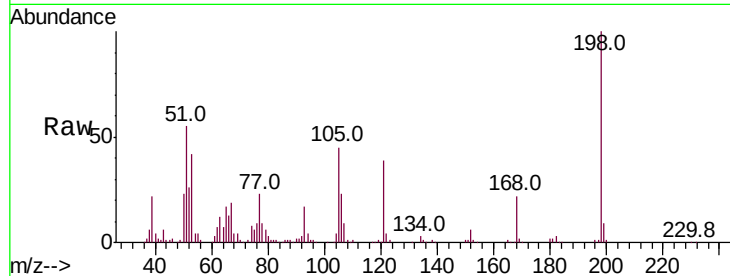




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.381 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

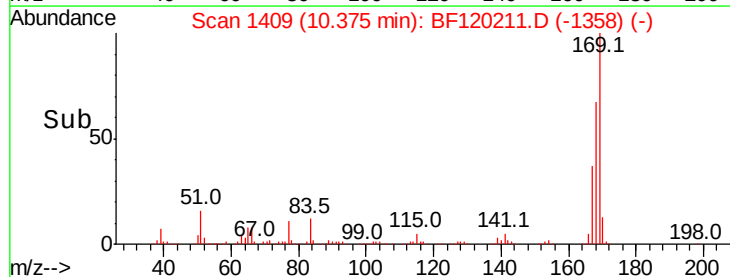
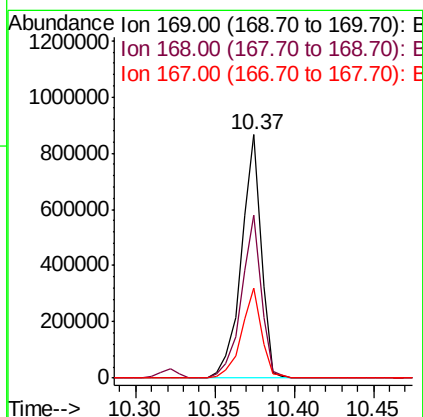
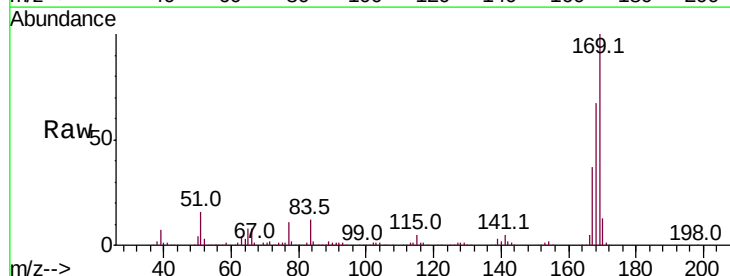
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

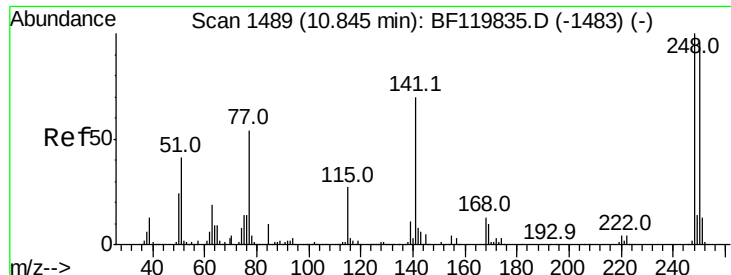
Tot Ion:198 Resp: 139566
 Ion Ratio Lower Upper
 198 100
 51 54.8 29.0 69.0
 105 45.1 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 40.669 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:169 Resp: 746549
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.9 29.1 43.7

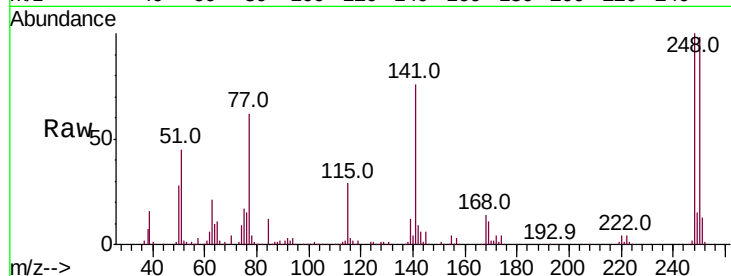




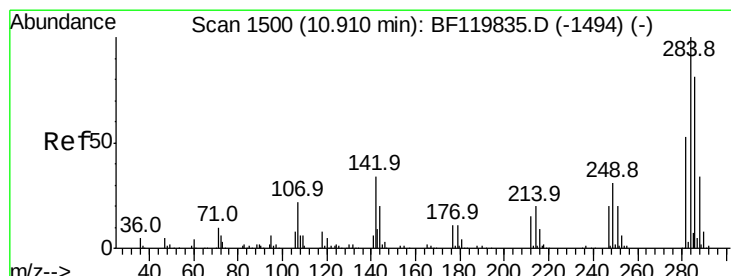
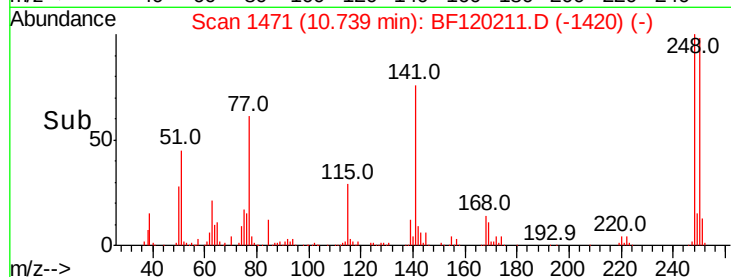
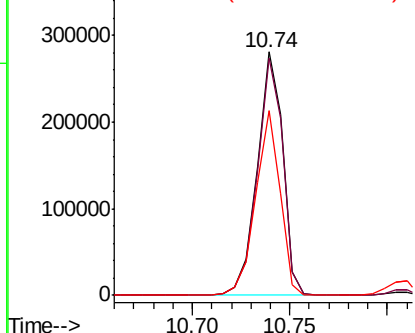
#67
4-Bromophenyl-phenylether
Concen: 37.129 ng
RT: 10.74 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 254864
Ion Ratio Lower Upper
248 100
250 97.6 77.3 115.9
141 75.7 58.6 87.8

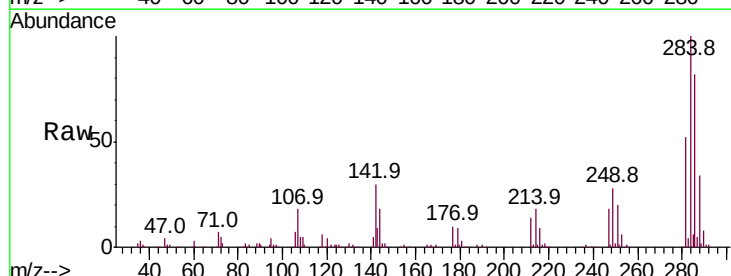


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

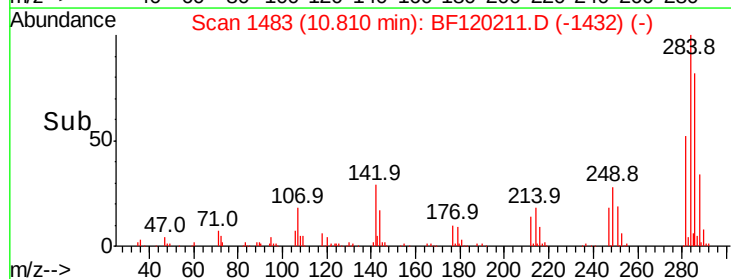
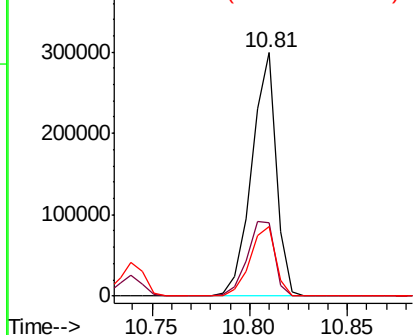


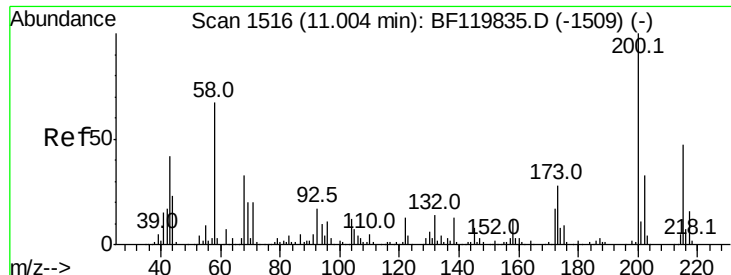
#68
Hexachlorobenzene
Concen: 37.416 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:284 Resp: 260546
Ion Ratio Lower Upper
284 100
142 29.9 29.2 43.8
249 28.4 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.770 ng

RT: 10.90 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

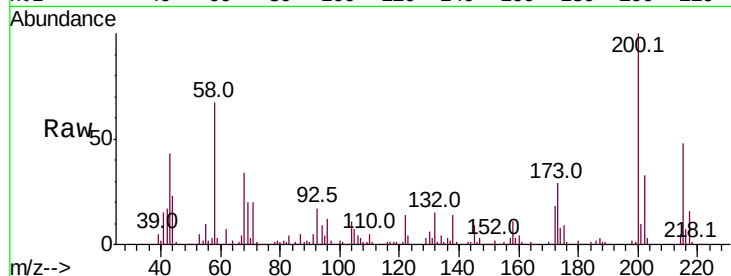
Tot Ion:200 Resp: 203119

Ion Ratio Lower Upper

200 100

173 28.8 9.3 49.3

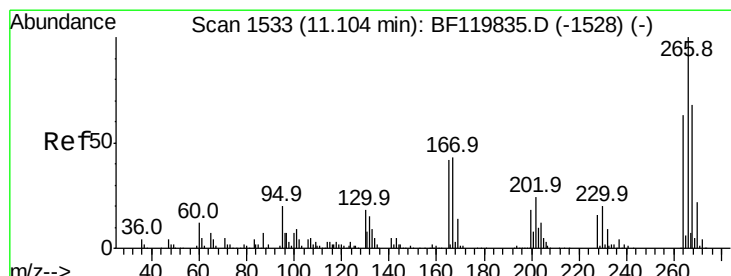
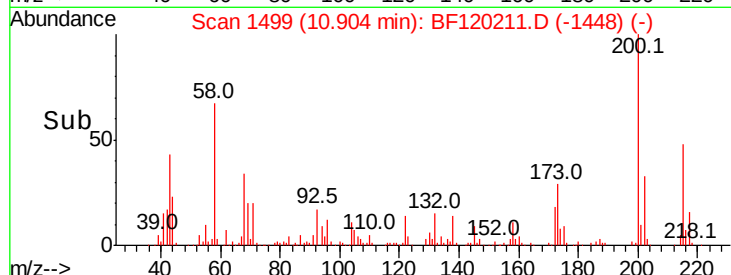
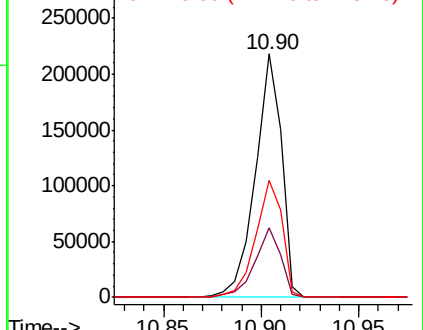
215 48.2 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 34.281 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

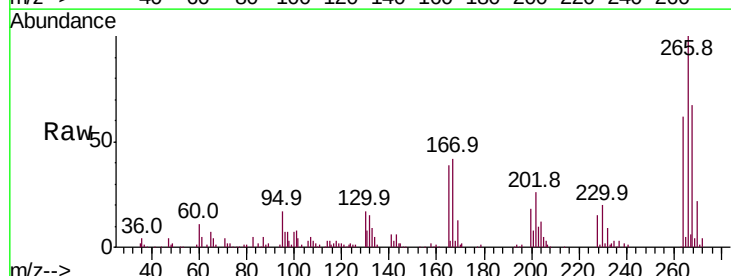
Tgt Ion:266 Resp: 137564

Ion Ratio Lower Upper

266 100

268 67.2 53.3 79.9

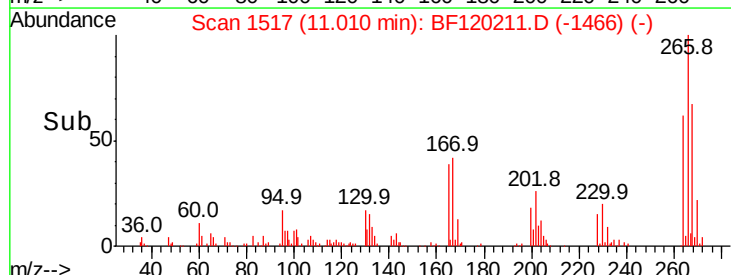
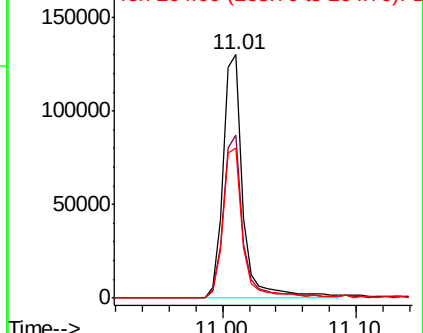
264 61.6 49.0 73.4

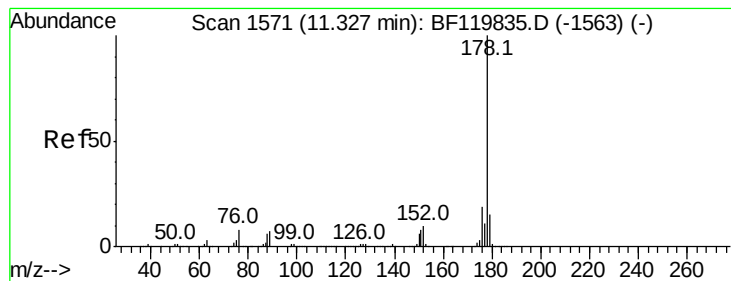


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.625 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

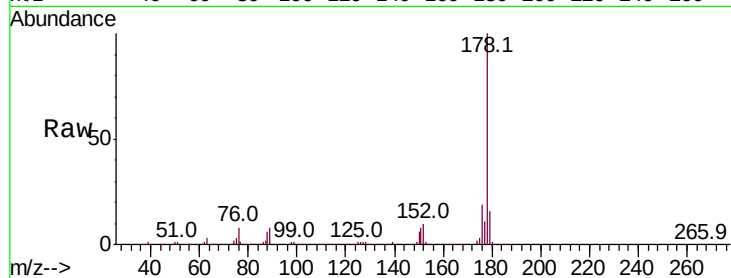
Tot Ion:178 Resp: 1193406

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

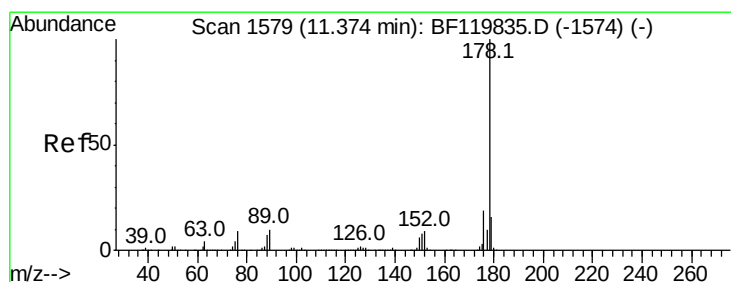
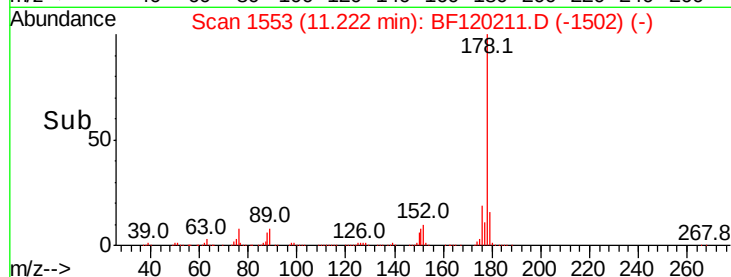
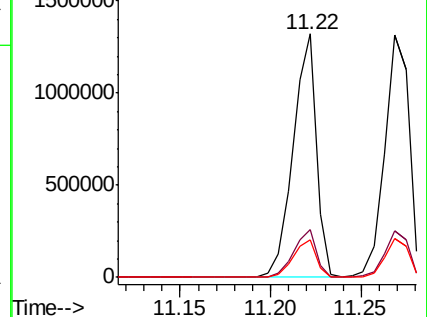
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.968 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

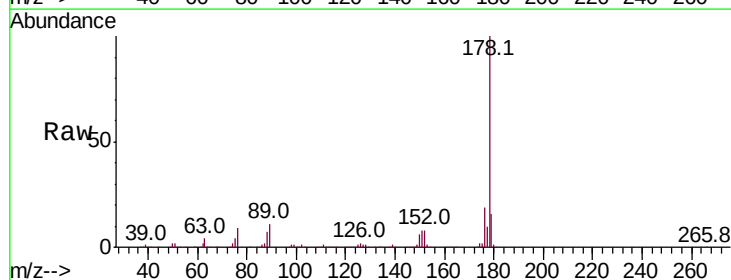
Tgt Ion:178 Resp: 1229411

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

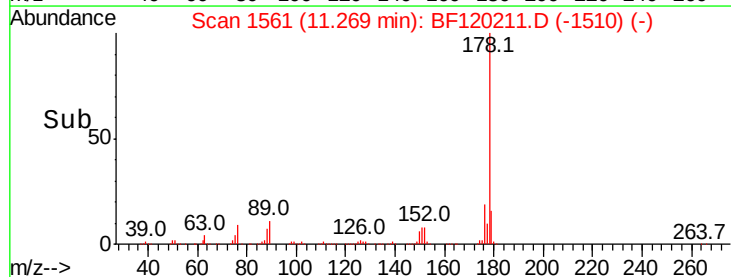
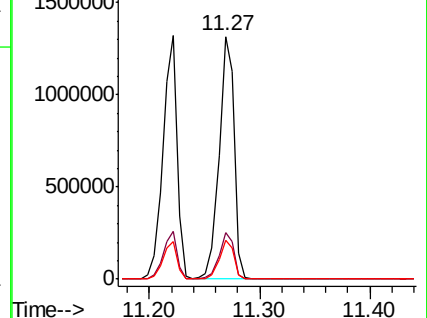
179 15.9 13.0 19.4

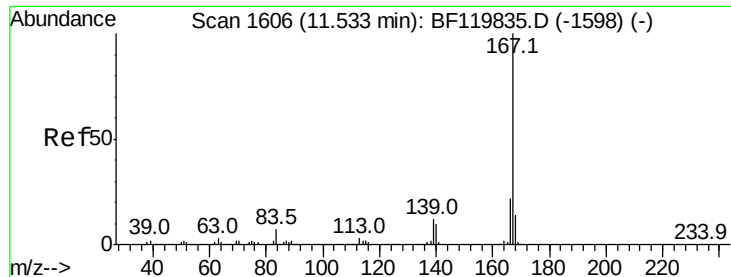


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

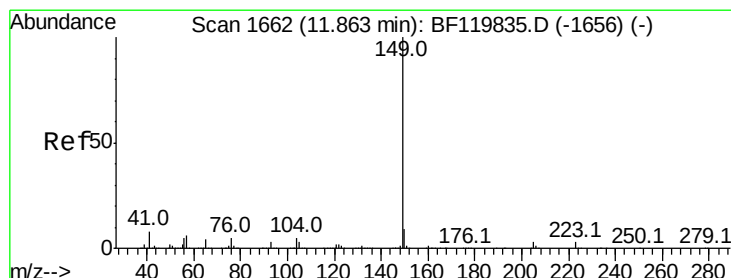
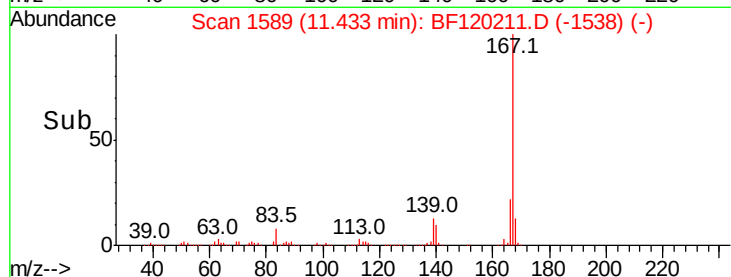
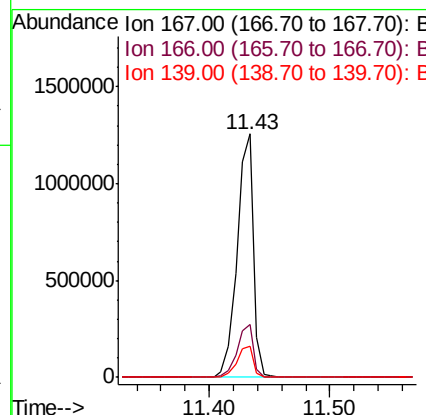
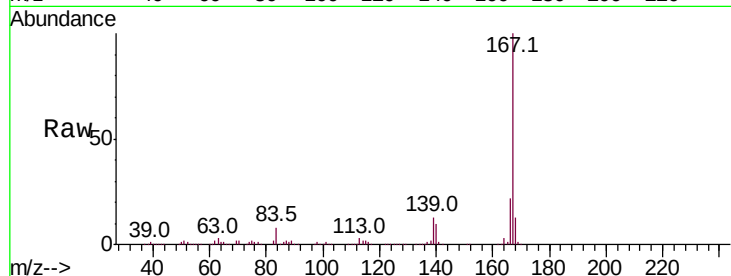




#73
 Carbazole
 Concen: 41.601 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

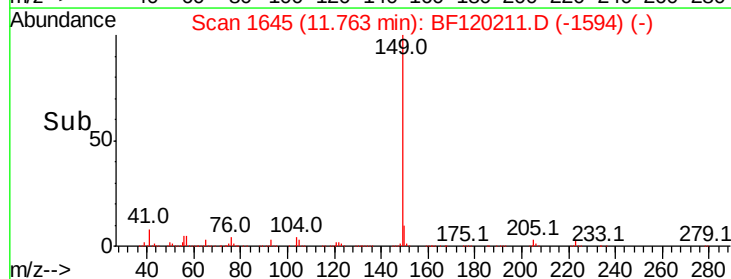
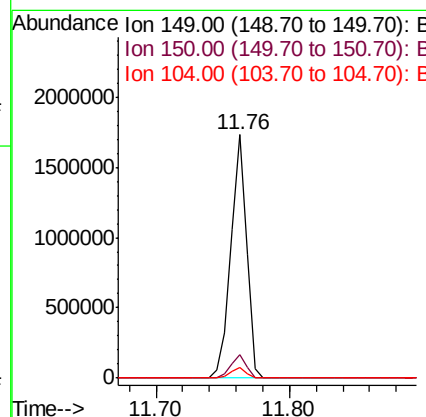
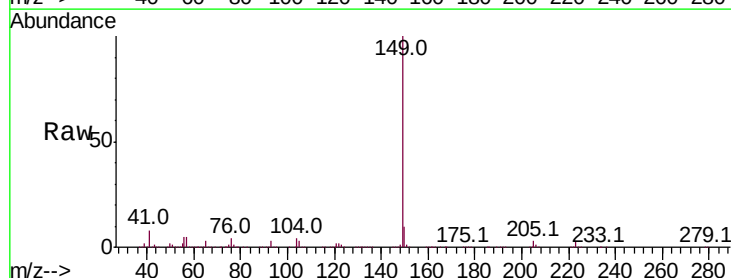
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

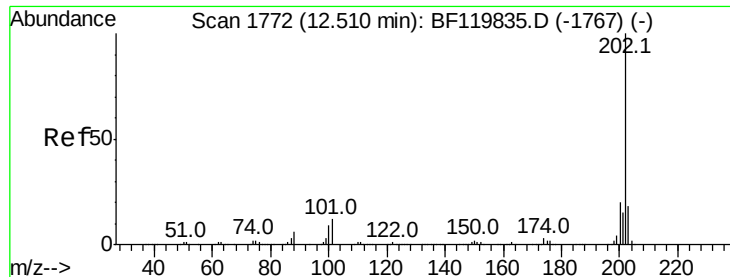
Tot Ion:167 Resp: 1180584
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.4
 139 12.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 39.091 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:149 Resp: 1458353
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 4.4 3.6 5.4

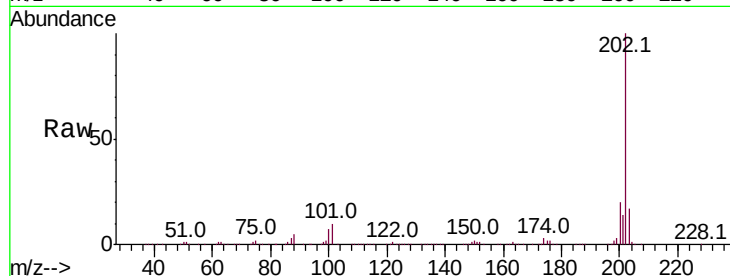




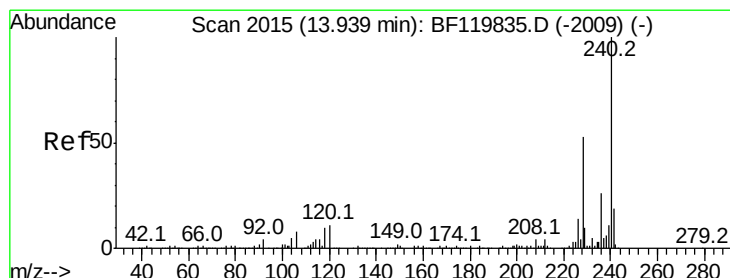
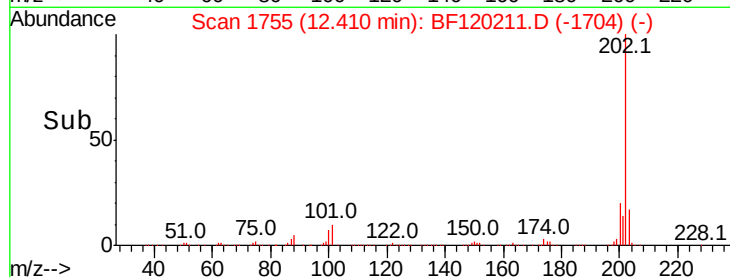
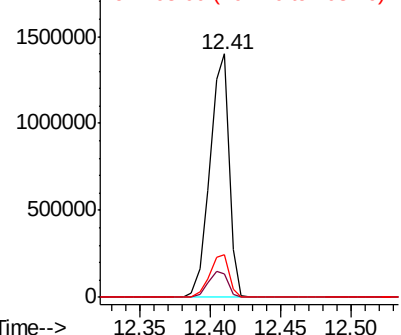
#75
 Fluoranthene
 Concen: 41.744 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1323126
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 32.2
 203 17.3 0.0 38.8

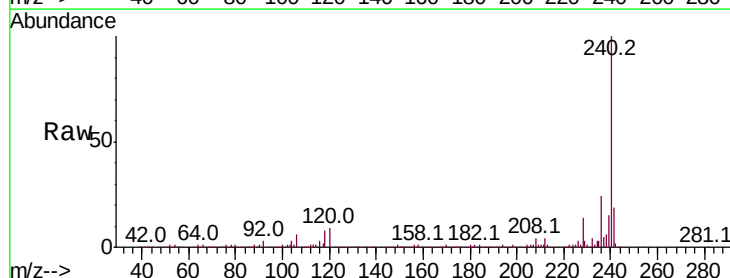


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

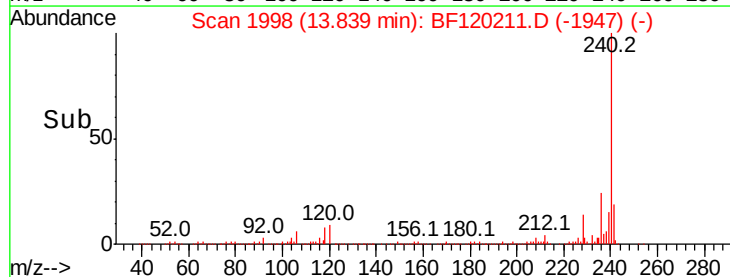
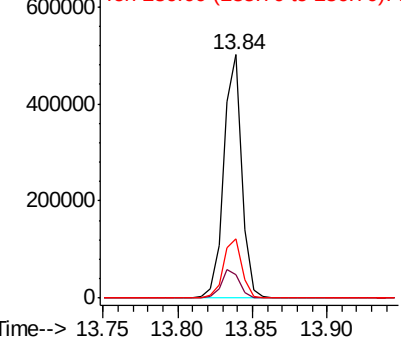


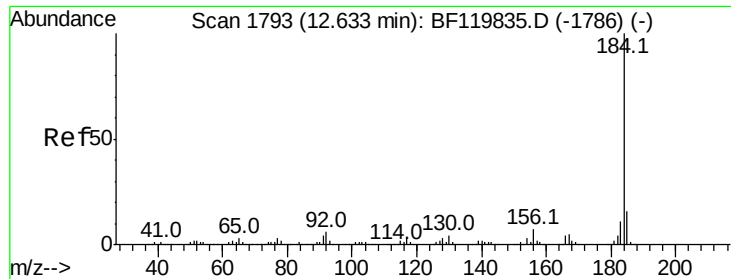
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF120211.D
 Acq: 27 Apr 2020 11:45

Tgt Ion:240 Resp: 423308
 Ion Ratio Lower Upper
 240 100
 120 9.4 10.6 15.8#
 236 24.5 20.2 30.2



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: 41.306 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

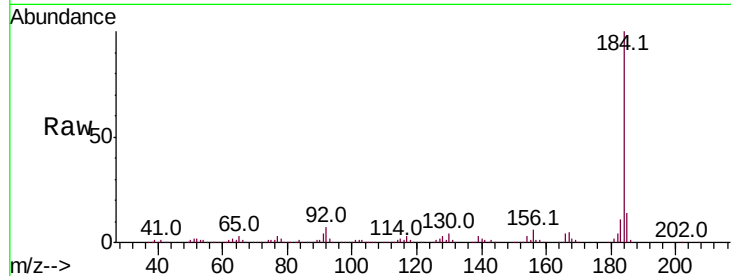
Tot Ion:184 Resp: 591044

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

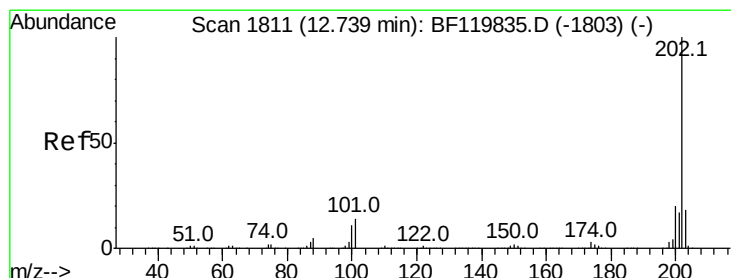
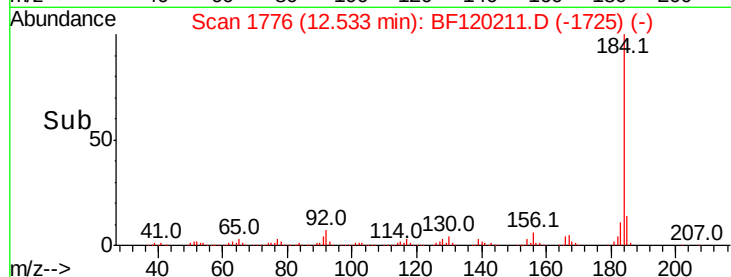
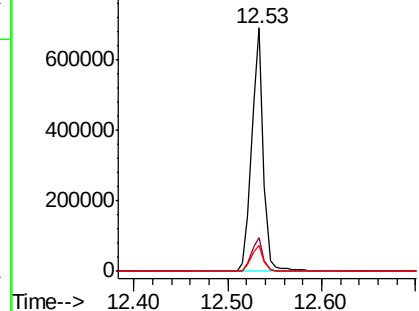
183 10.9 9.0 13.6



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: 37.990 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

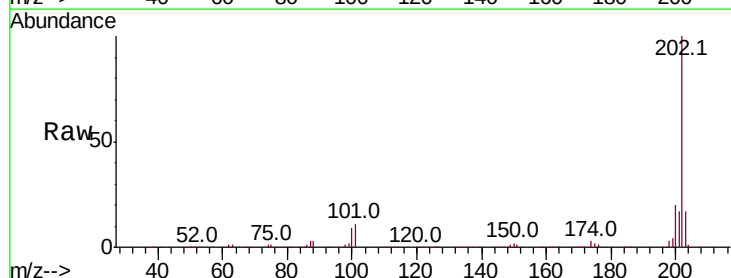
Tgt Ion:202 Resp: 1355704

Ion Ratio Lower Upper

202 100

200 20.1 16.8 25.2

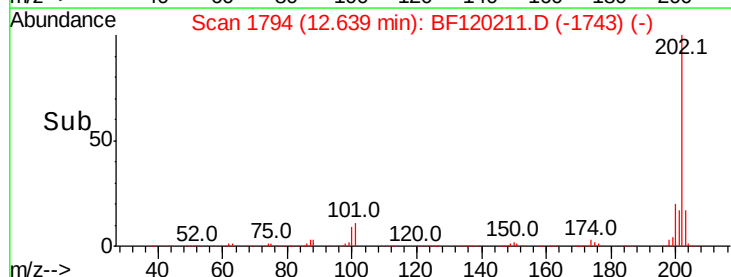
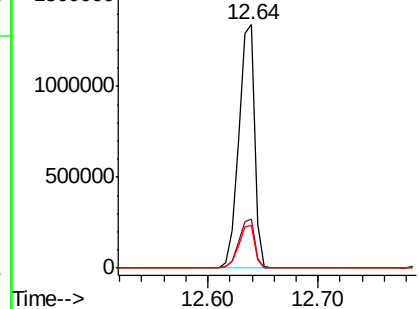
203 17.4 15.1 22.7

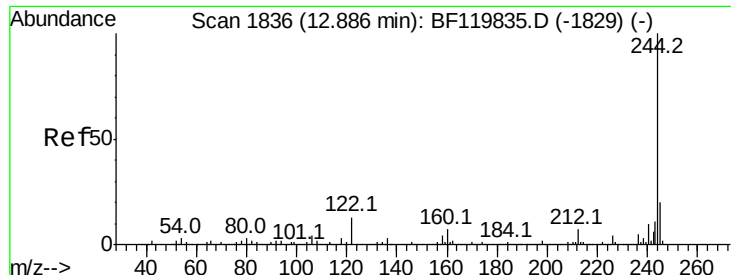


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.285 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

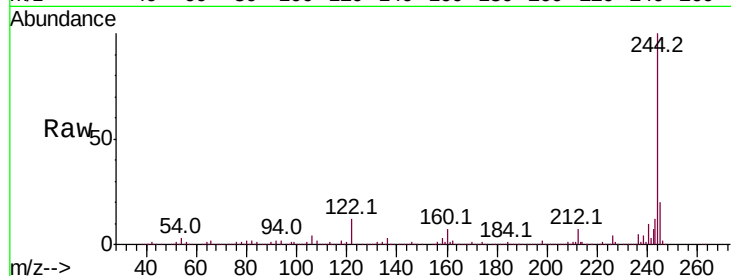
Tot Ion:244 Resp: 1768174

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

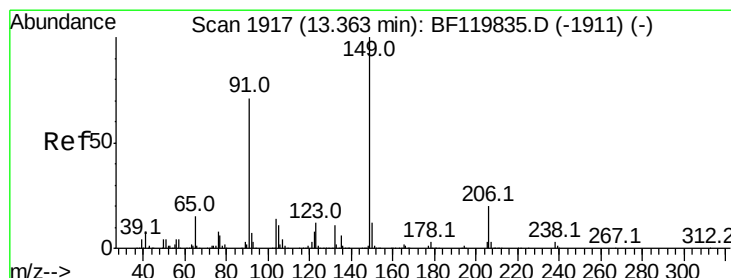
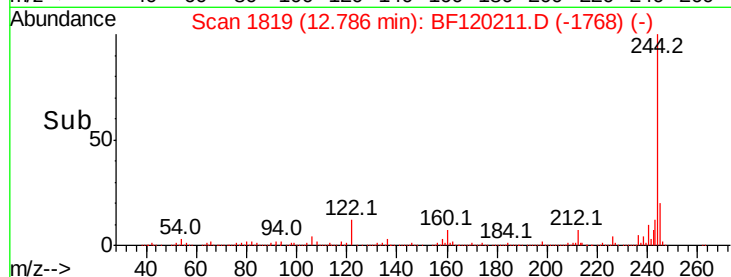
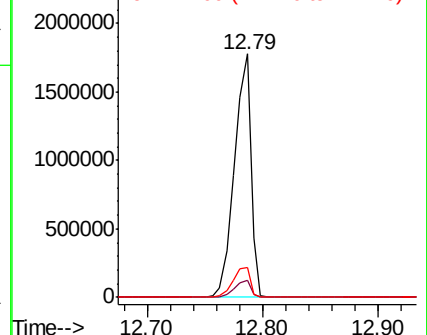
122 12.1 10.3 15.5



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: 36.656 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

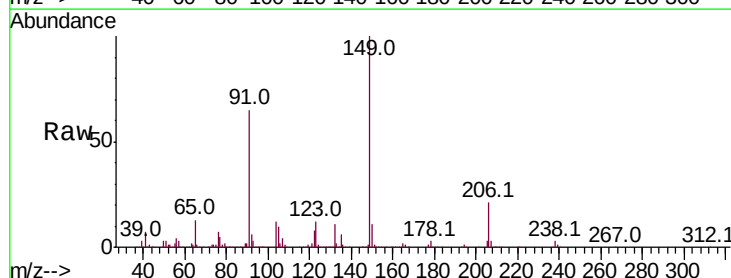
Tgt Ion:149 Resp: 634732

Ion Ratio Lower Upper

149 100

91 65.2 54.7 82.1

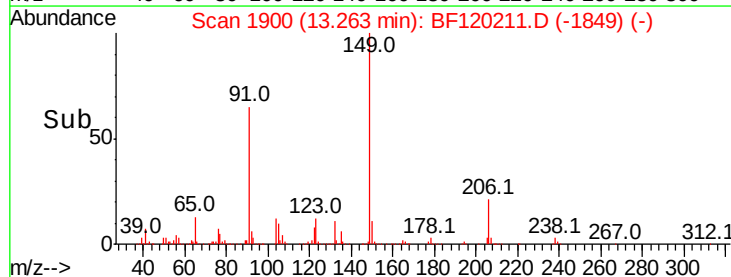
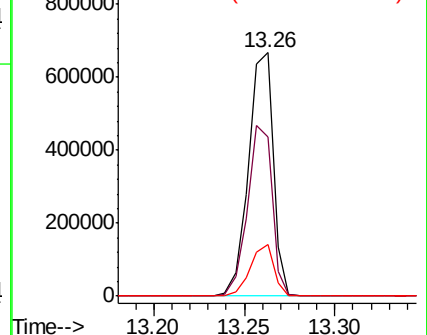
206 21.4 16.2 24.2

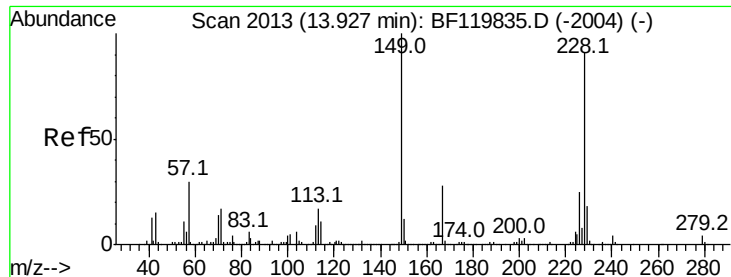


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.033 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

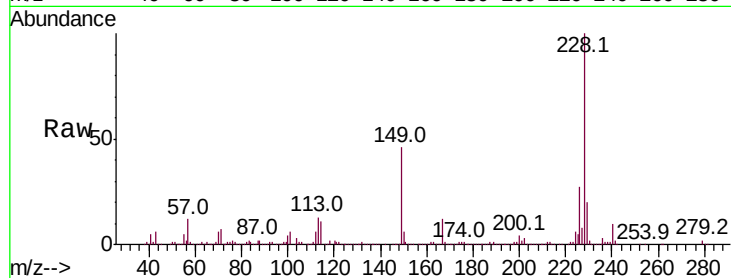
Tot Ion:228 Resp: 1114830

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

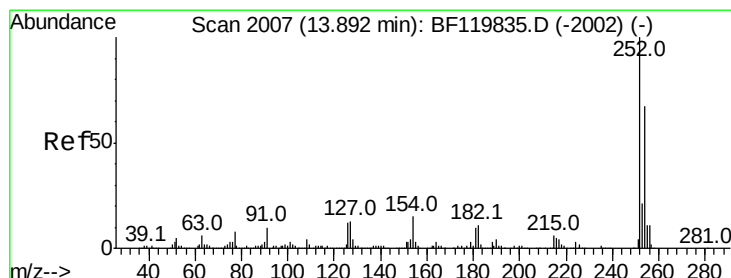
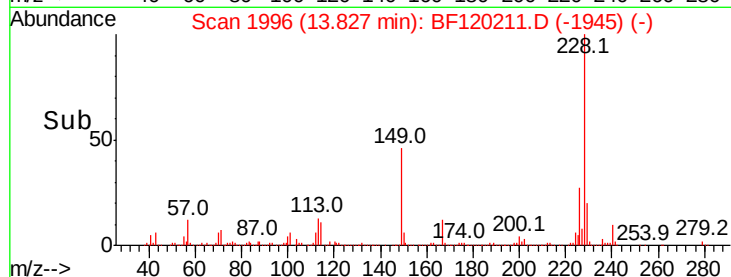
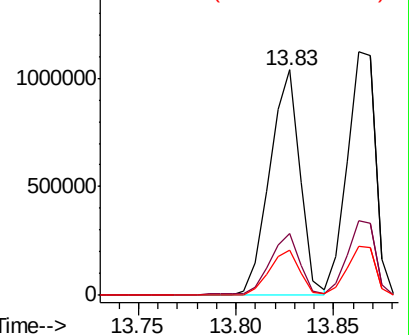
229 20.0 16.2 24.4



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: 40.132 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

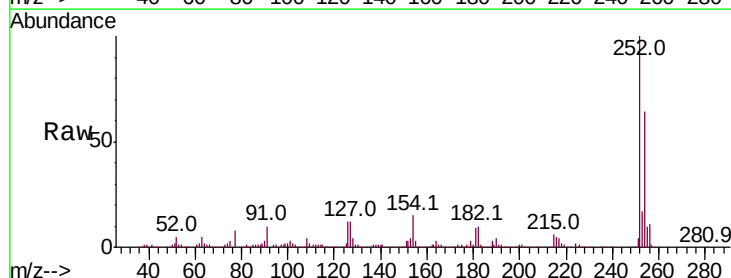
Tgt Ion:252 Resp: 416994

Ion Ratio Lower Upper

252 100

254 63.7 51.2 76.8

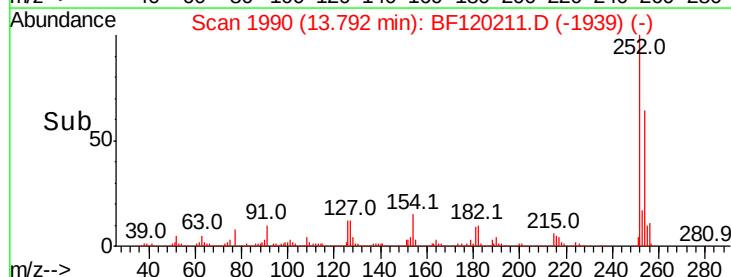
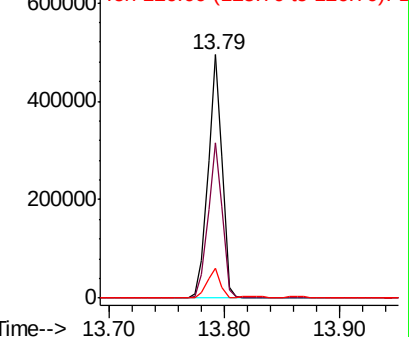
126 12.4 9.6 14.4

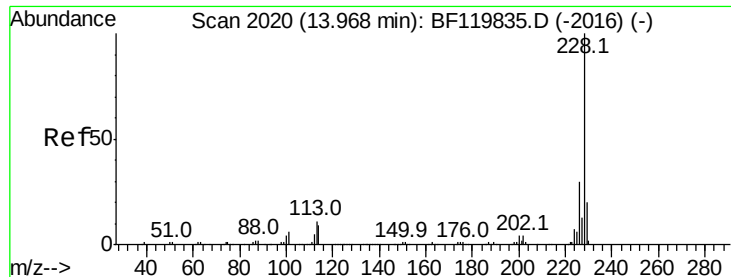


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.929 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

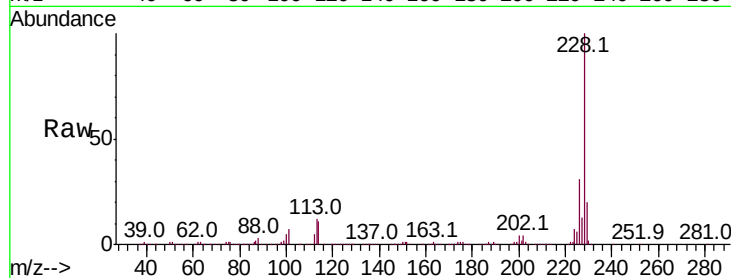
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1129821

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.4	16.6	24.8

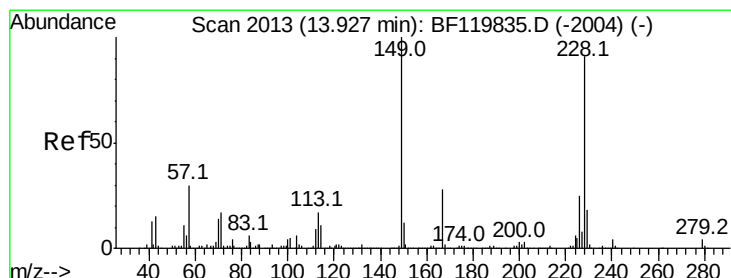
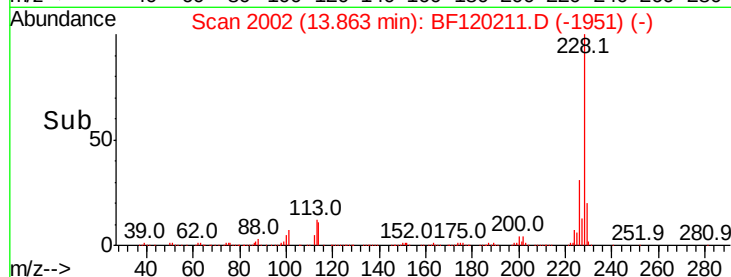
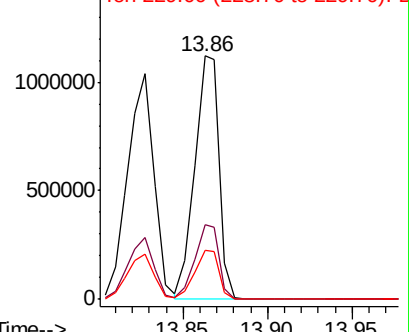


Abundance

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: 35.370 ng

RT: 13.82 min Scan# 1995

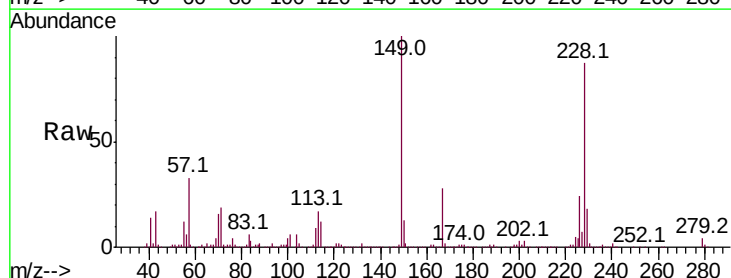
Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Tgt Ion:149 Resp: 829391

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	3.6	2.7	4.1

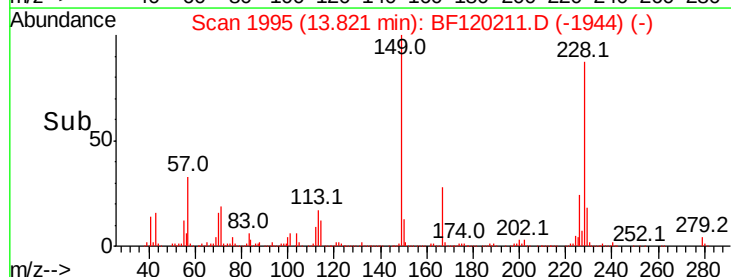
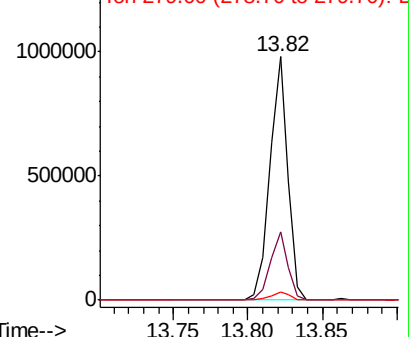


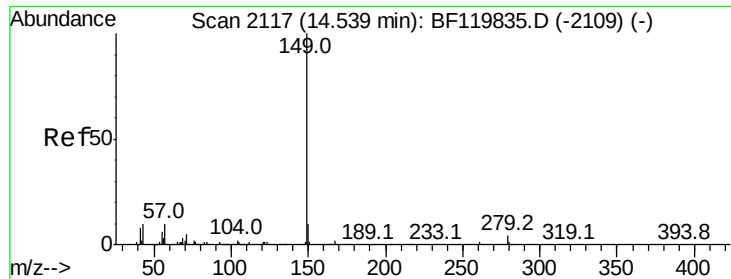
Abundance

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: 36.351 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

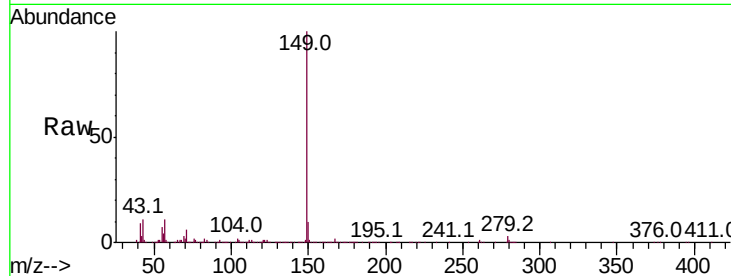
Tot Ion:149 Resp: 1451353

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

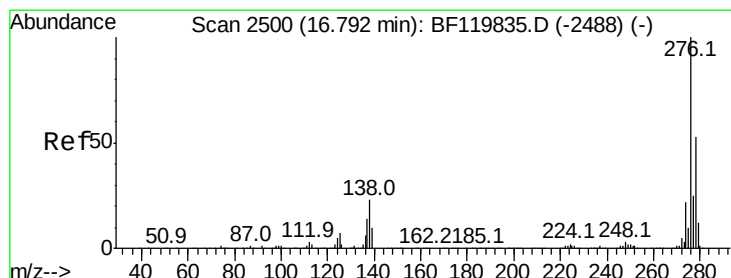
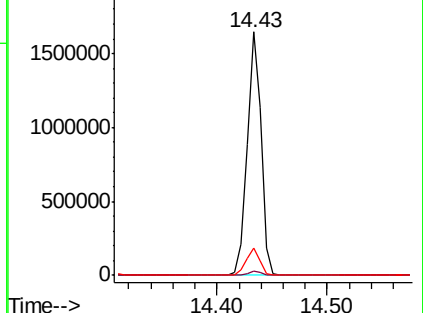
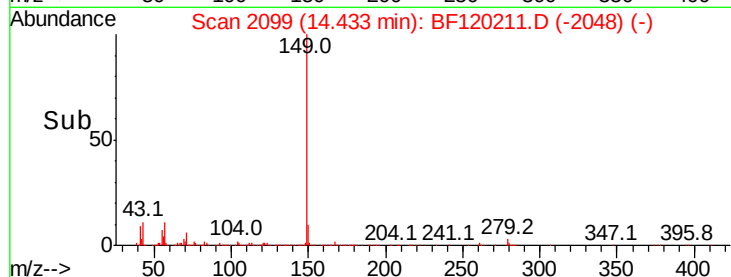
43 11.2 9.3 13.9



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: 40.476 ng

RT: 16.61 min Scan# 2469

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

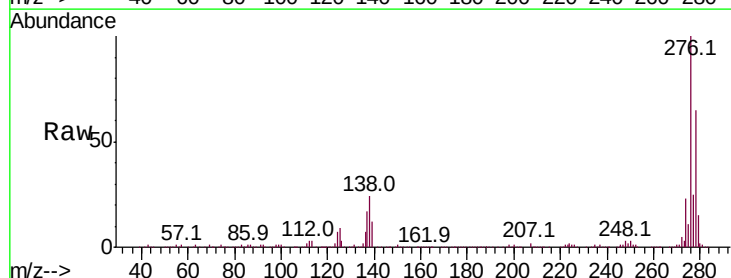
Tgt Ion:276 Resp: 1009573

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

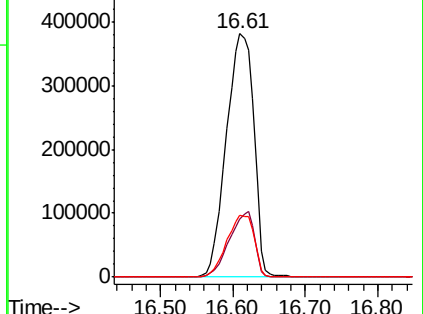
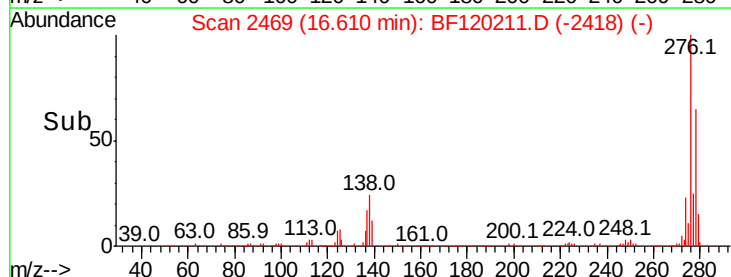
277 25.3 20.0 30.0

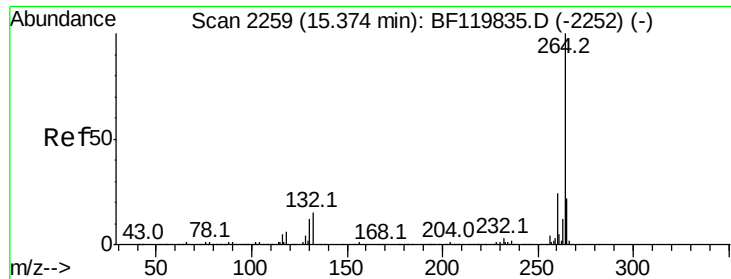


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

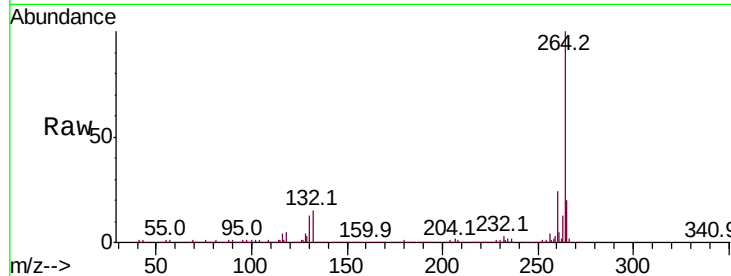
Tot Ion:264 Resp: 394735

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

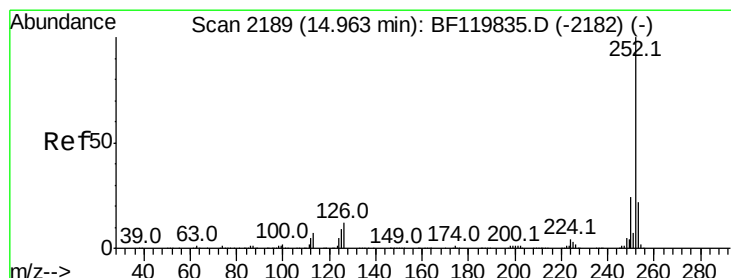
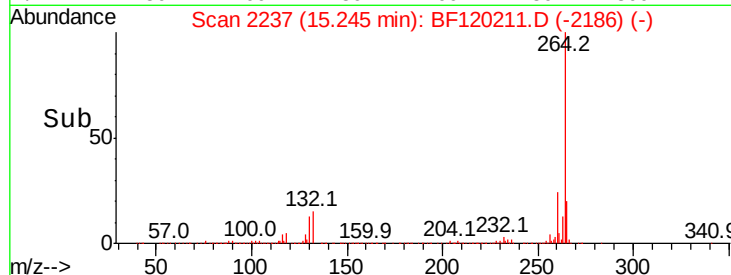
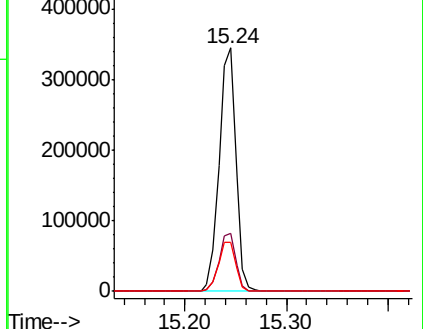
265 20.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.693 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

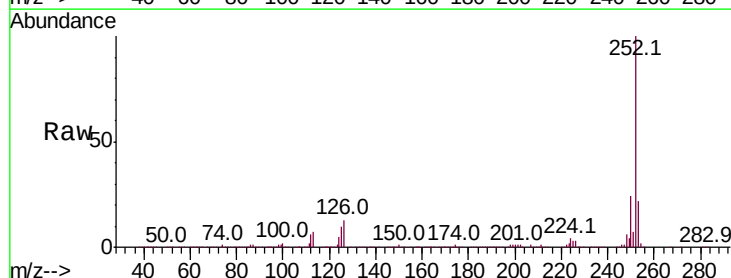
Tgt Ion:252 Resp: 1098728

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

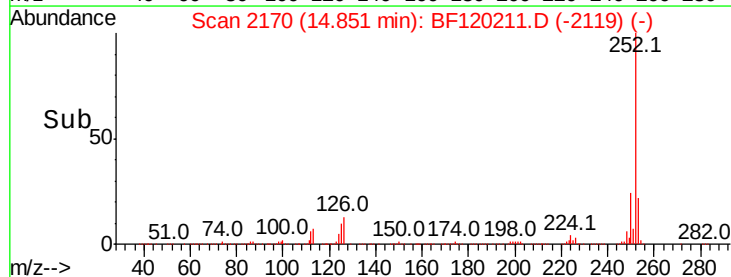
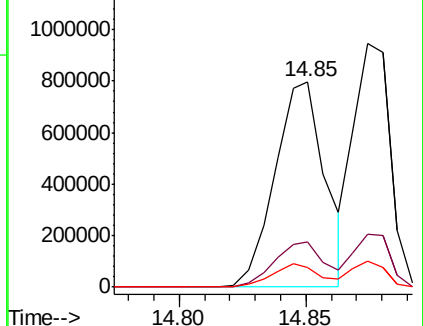
125 9.8 7.9 11.9

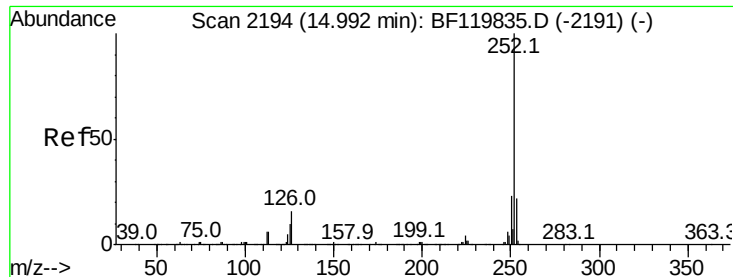


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

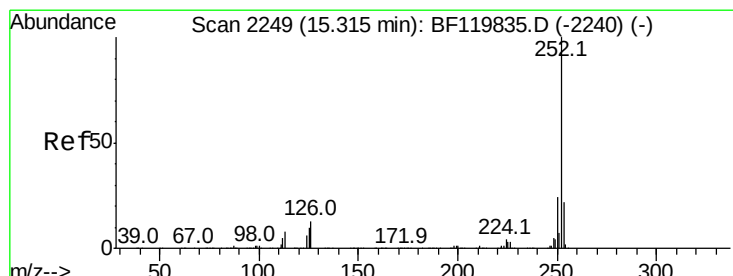
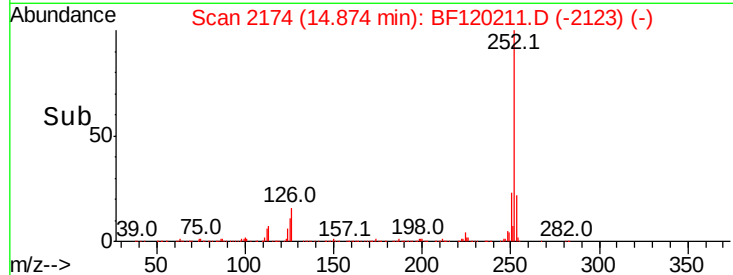
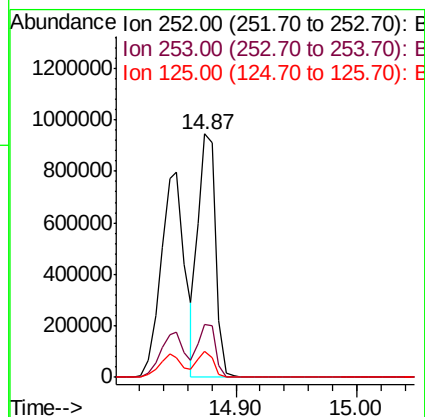
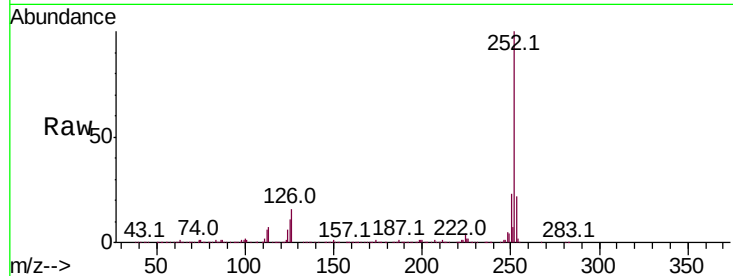




#89
Benzo(k)fluoranthene
Concen: 39.108 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

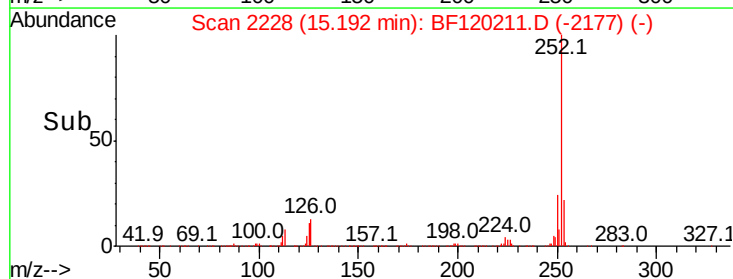
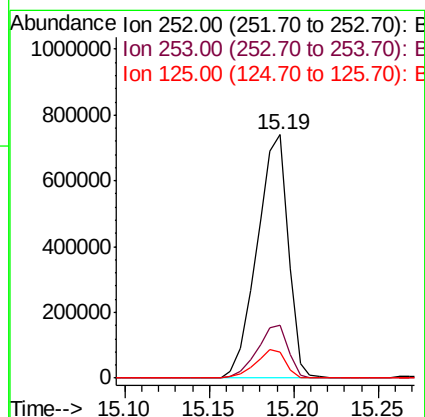
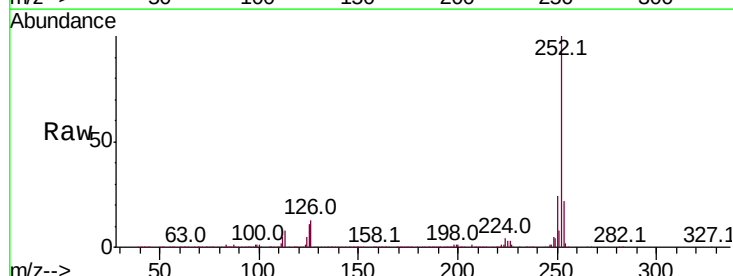
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

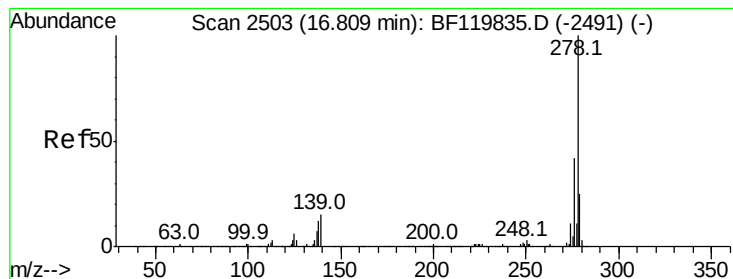
Tot Ion:252 Resp: 958175
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.742 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF120211.D
Acq: 27 Apr 2020 11:45

Tgt Ion:252 Resp: 948866
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 10.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 39.473 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

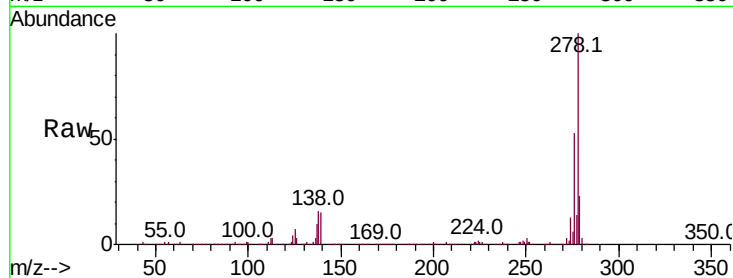
Tot Ion:278 Resp: 834810

Ion Ratio Lower Upper

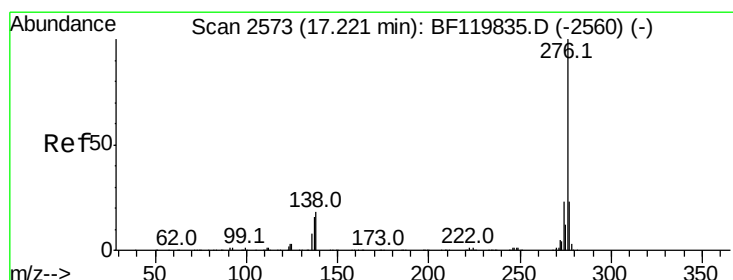
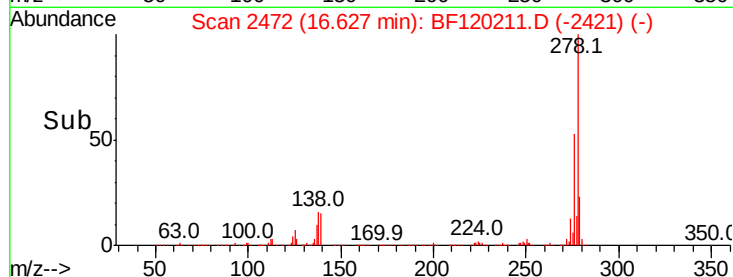
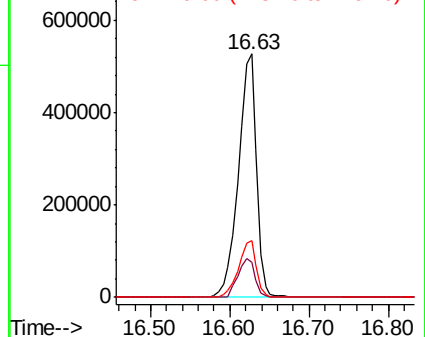
278 100

139 14.6 12.6 19.0

279 23.2 19.0 28.6



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: 39.327 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF120211.D

Acq: 27 Apr 2020 11:45

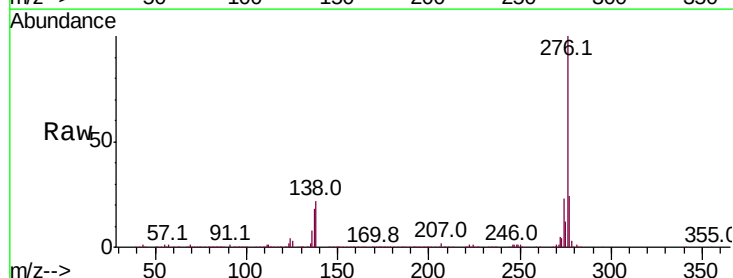
Tgt Ion:276 Resp: 820985

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 22.0 15.4 23.0



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

