

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120158.D
 Acq On : 23 Apr 2020 12:54
 Operator : MA/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 23 13:32:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	145396	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	563567	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	287573	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	566606	20.00	ng	0.00
76) Chrysene-d12	13.83	240	415501	20.00	ng	0.00
87) Perylene-d12	15.23	264	370610	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	729433	86.70	ng	0.00
7) Phenol-d6	6.31	99	944974	87.17	ng	0.00
23) Nitrobenzene-d5	7.24	82	876567	80.47	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	240202	68.22	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1691096	83.49	ng	0.00
79) Terphenyl-d14	12.77	244	1803980	73.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	154103	41.124	ng	97
3) Pyridine	2.95	79	419892	40.841	ng	94
4) n-Nitrosodimethylamine	2.90	42	208412	39.675	ng	100
6) Aniline	6.33	93	606607	42.632	ng	# 71
8) 2-Chlorophenol	6.45	128	405323	43.118	ng	97
9) Benzaldehyde	6.21	77	235160	40.771	ng	98
10) Phenol	6.32	94	523409	42.557	ng	# 72
11) bis(2-Chloroethyl)ether	6.41	93	402219	42.356	ng	97
12) 1,3-Dichlorobenzene	6.60	146	438070	42.566	ng	97
13) 1,4-Dichlorobenzene	6.68	146	438808	41.857	ng	99
14) 1,2-Dichlorobenzene	6.83	146	420266	43.499	ng	99
15) Benzyl Alcohol	6.82	79	352709	41.889	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	725835	39.279	ng	97
17) 2-Methylphenol	6.93	107	359845	42.895	ng	96
18) Hexachloroethane	7.17	117	168043	42.891	ng	96
19) n-Nitroso-di-n-propylamine	7.09	70	296608	42.548	ng	97
20) 3+4-Methylphenols	7.09	107	459233	44.760	ng	# 83
22) Acetophenone	7.08	105	549159	41.613	ng	# 92
24) Nitrobenzene	7.26	77	450237	41.085	ng	96
25) Isophorone	7.50	82	842908	40.139	ng	100
26) 2-Nitrophenol	7.57	139	222367	40.616	ng	96
27) 2,4-Dimethylphenol	7.62	122	332627	40.283	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	504486	40.826	ng	99
29) 2,4-Dichlorophenol	7.82	162	340976	40.286	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	383761	40.016	ng	99
31) Naphthalene	7.97	128	1202151	40.544	ng	99
32) Benzoic acid	7.76	122	262248	36.163	ng	98
33) 4-Chloroaniline	8.03	127	522422	40.472	ng	98
34) Hexachlorobutadiene	8.09	225	228192	39.749	ng	99
35) Caprolactam	8.41	113	100123	38.672	ng	# 88
36) 4-Chloro-3-methylphenol	8.52	107	366382	39.983	ng	99
37) 2-Methylnaphthalene	8.66	142	799740	39.783	ng	98
38) 1-Methylnaphthalene	8.76	142	754101	39.800	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	376915	41.498	ng	99

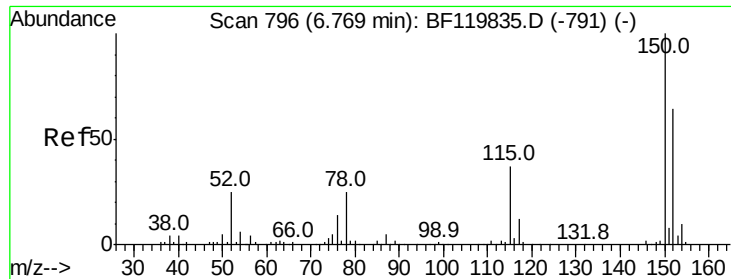
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120158.D
 Acq On : 23 Apr 2020 12:54
 Operator : MA/SJ
 Sample : SSTDCCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	166554	32.248	ng	98
43) 2,4,6-Trichlorophenol	8.95	196	248050	39.548	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	286483	40.554	ng	98
46) 1,1'-Biphenyl	9.13	154	1016231	41.867	ng	98
47) 2-Chloronaphthalene	9.15	162	774451	41.418	ng	99
48) 2-Nitroaniline	9.25	65	271410	40.054	ng	98
49) Acenaphthylene	9.57	152	1183763	41.628	ng	97
50) Dimethylphthalate	9.44	163	886742	39.865	ng	100
51) 2,6-Dinitrotoluene	9.50	165	196227	40.285	ng	93
52) Acenaphthene	9.74	154	694694	36.622	ng	98
53) 3-Nitroaniline	9.67	138	226360	40.690	ng	92
54) 2,4-Dinitrophenol	9.77	184	100933	34.611	ng	98
55) Dibenzofuran	9.91	168	1011406	38.855	ng	99
56) 4-Nitrophenol	9.83	139	150808	36.434	ng	98
57) 2,4-Dinitrotoluene	9.90	165	242668	37.813	ng	93
58) Fluorene	10.25	166	793271	38.105	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	212458	39.324	ng	98
60) Diethylphthalate	10.13	149	921811	39.985	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	394875	37.008	ng	97
62) 4-Nitroaniline	10.28	138	212405	40.064	ng	98
63) Azobenzene	10.41	77	821421	39.758	ng	98
65) 4,6-Dinitro-2-methylphenol	10.31	198	135480	36.294	ng	88
66) n-Nitrosodiphenylamine	10.37	169	704787	37.402	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	247223	35.085	ng	97
68) Hexachlorobenzene	10.80	284	255490	35.742	ng	99
69) Atrazine	10.90	200	207277	39.535	ng	99
70) Pentachlorophenol	10.99	266	135733	32.950	ng	100
71) Phenanthrene	11.21	178	1216600	40.344	ng	98
72) Anthracene	11.26	178	1258328	40.848	ng	98
73) Carbazole	11.42	167	1192726	40.942	ng	97
74) Di-n-butylphthalate	11.76	149	1508152	39.381	ng	99
75) Fluoranthene	12.40	202	1323153	40.666	ng	98
77) Benzidine	12.52	184	482353	34.343	ng	98
78) Pyrene	12.63	202	1346899	38.453	ng	98
80) Butylbenzylphthalate	13.25	149	627869	36.941	ng	96
81) Benzo(a)anthracene	13.82	228	1101900	40.312	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	410533	40.252	ng	99
83) Chrysene	13.85	228	1123398	40.448	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	846060	36.758	ng	100
85) Di-n-octyl phthalate	14.43	149	1482165	37.820	ng	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	913850	37.327	ng	100
88) Benzo(b)fluoranthene	14.83	252	1013779	38.025	ng	99
89) Benzo(k)fluoranthene	14.86	252	977352	42.487	ng	99
90) Benzo(a)pyrene	15.17	252	907633	40.490	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	750516	37.798	ng	99
92) Benzo(g,h,i)perylene	16.99	276	709982	36.223	ng	97

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

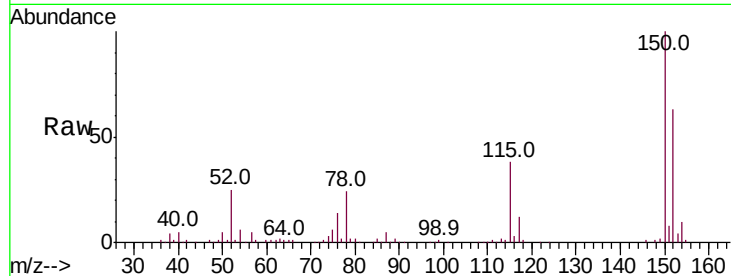


#1

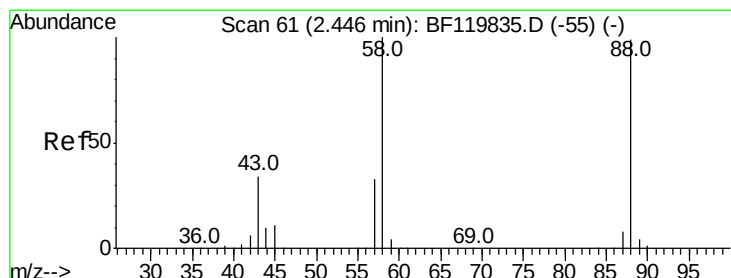
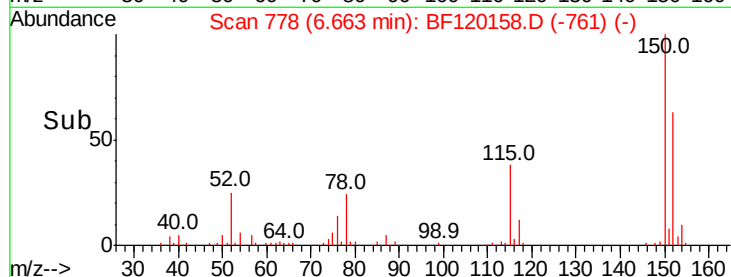
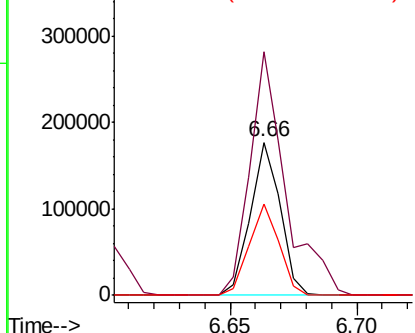
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 145396
Ion Ratio Lower Upper
152 100
150 159.3 124.5 186.7
115 60.1 49.6 74.4



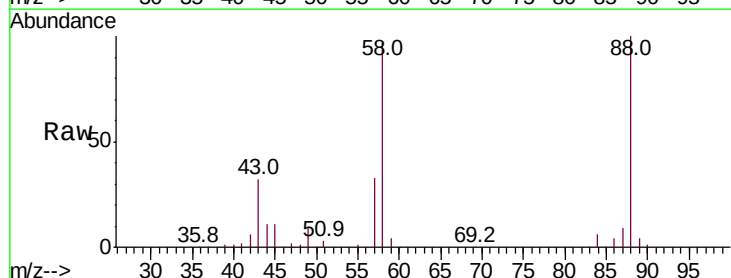
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



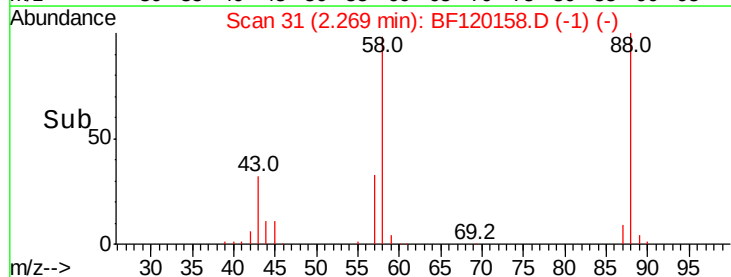
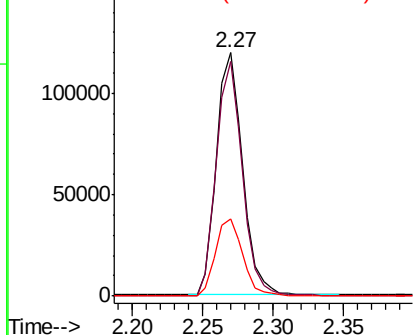
#2

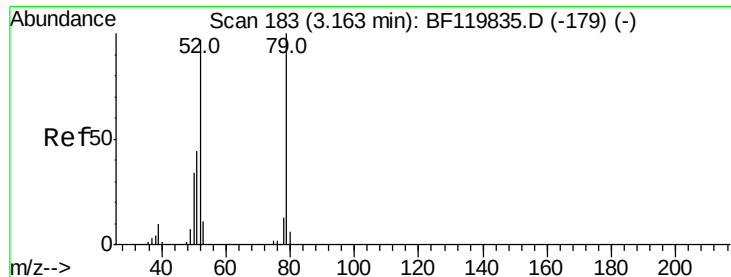
1,4-Dioxane
Concen: 41.124 ng
RT: 2.27 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion: 88 Resp: 154103
Ion Ratio Lower Upper
88 100
58 96.8 80.6 121.0
43 33.4 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

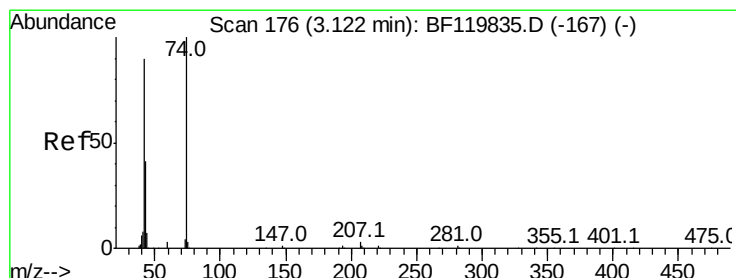
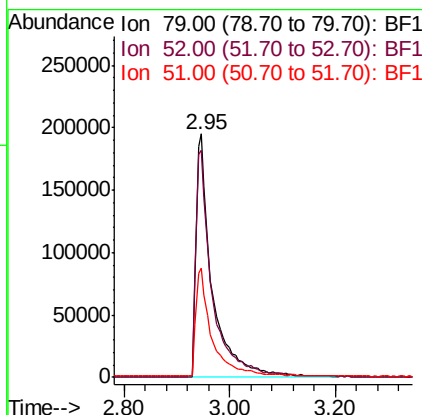
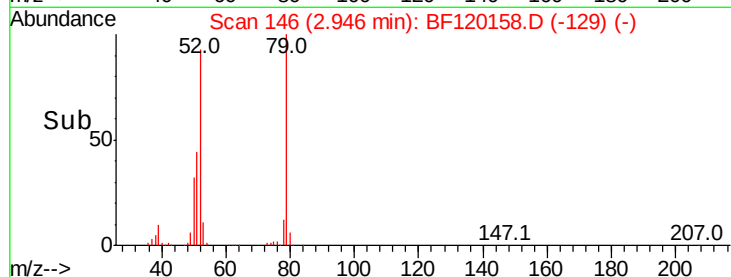
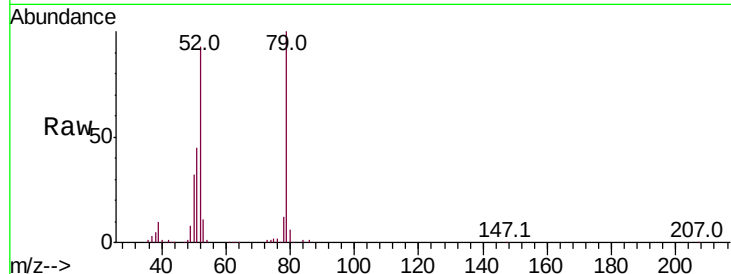




#3
 Pvridine
 Concen: 40.841 ng
 RT: 2.95 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

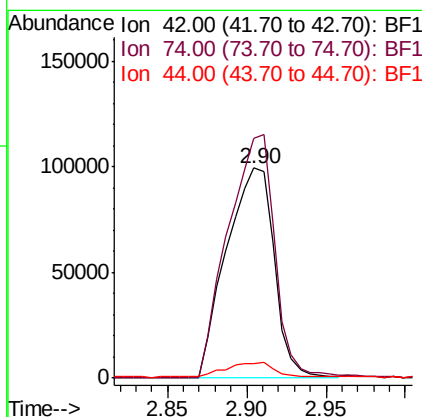
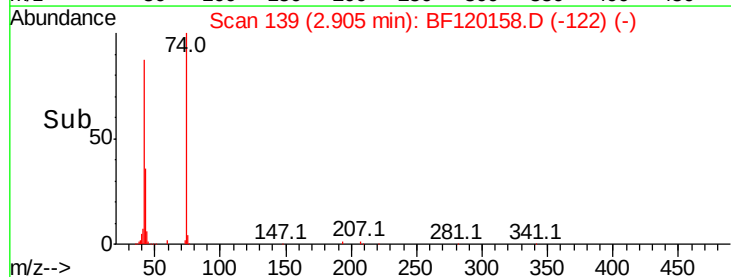
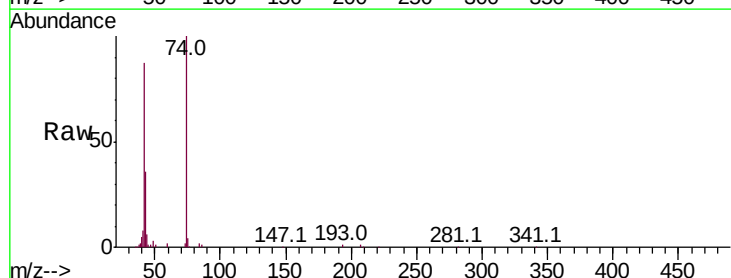
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

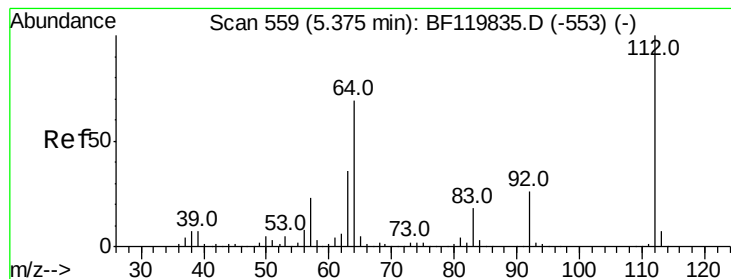
Tot Ion: 79 Resp: 419892
 Ion Ratio Lower Upper
 79 100
 52 93.4 80.2 120.2
 51 45.1 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 39.675 ng
 RT: 2.90 min Scan# 139
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion: 42 Resp: 208412
 Ion Ratio Lower Upper
 42 100
 74 114.4 91.5 137.3
 44 7.1 6.2 9.4





#5

2-Fluorophenol

Concen: 86.701 ng

RT: 5.26 min Scan# 540

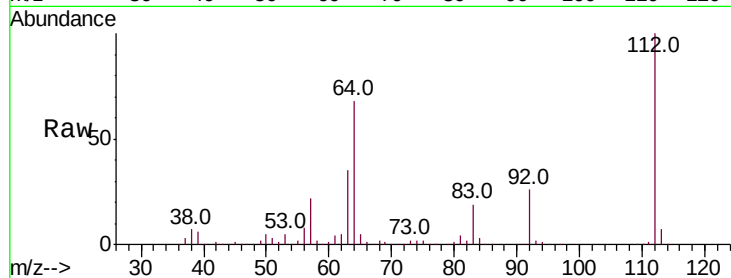
Delta R.T. 0.00 min

Lab File: BF120158.D

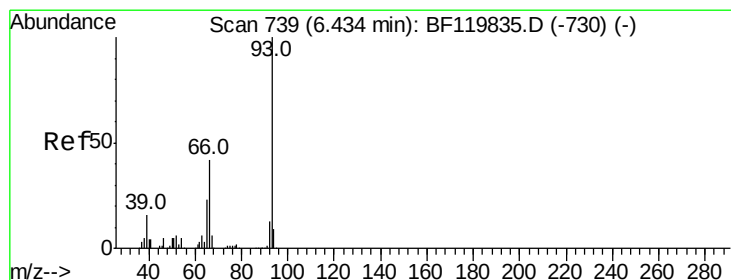
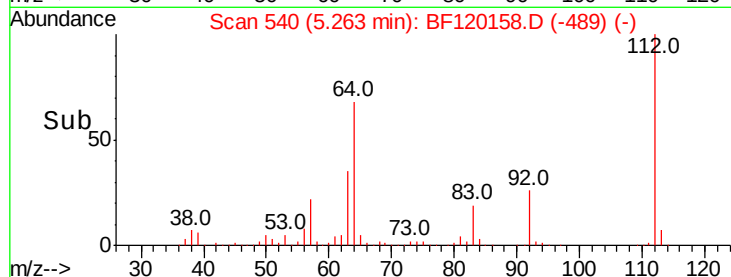
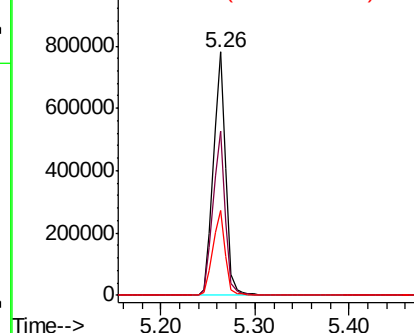
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	112	Resp:	729433
Ion	Ratio	Lower	Upper
112	100		
64	67.7	56.7	85.1
63	34.7	29.5	44.3



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



#6

Aniline

Concen: 42.632 ng

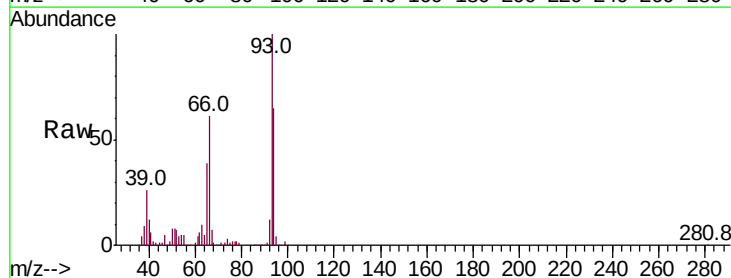
RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

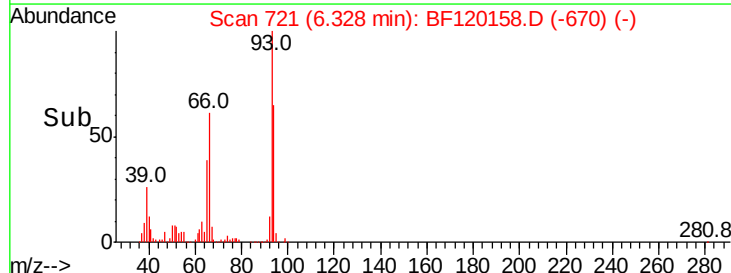
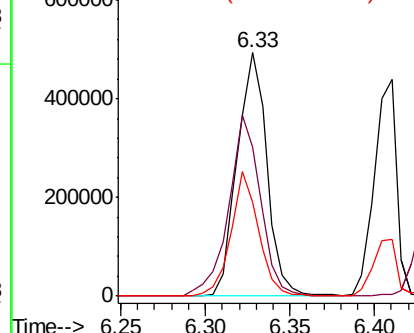
Lab File: BF120158.D

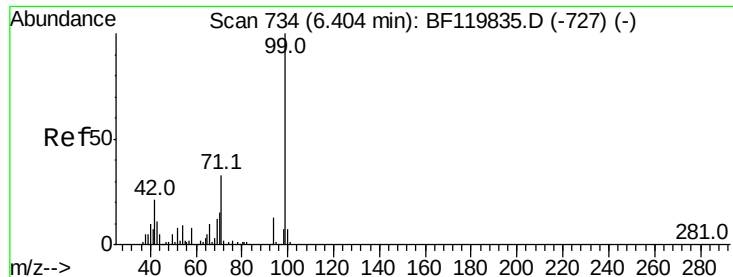
Acq: 23 Apr 2020 12:54

Tgt Ion:	93	Resp:	606607
Ion	Ratio	Lower	Upper
93	100		
66	61.3	34.9	52.3#
65	38.7	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: 87.168 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

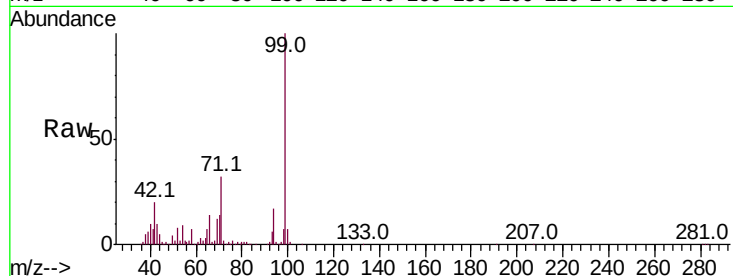
Tot Ion: 99 Resp: 944974

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

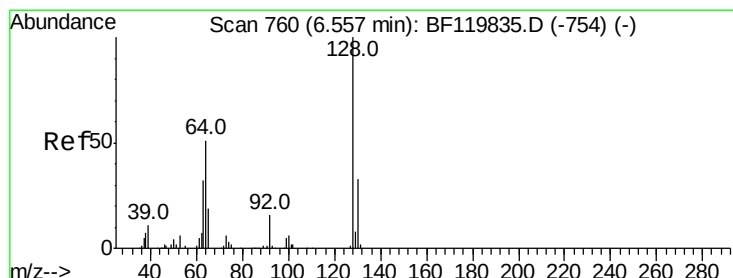
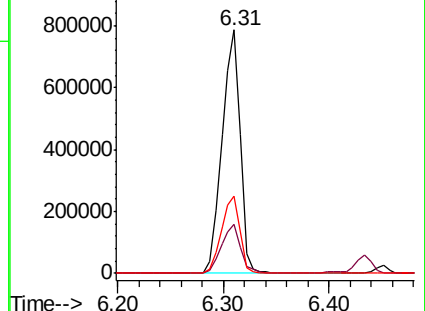
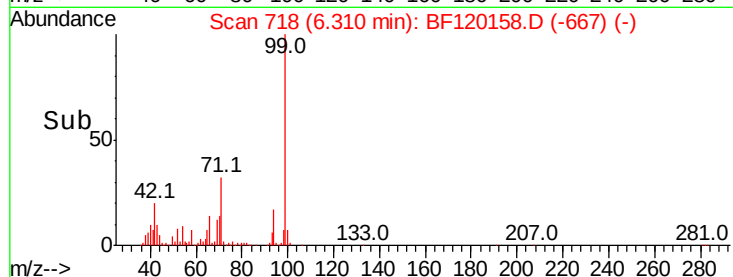
71 32.0 26.4 39.6



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: 43.118 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

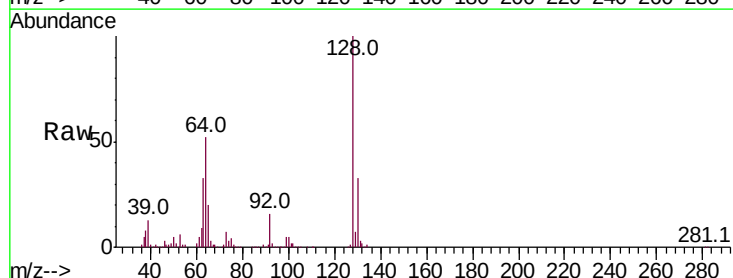
Tgt Ion: 128 Resp: 405323

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

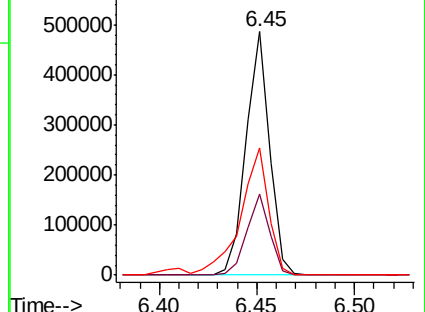
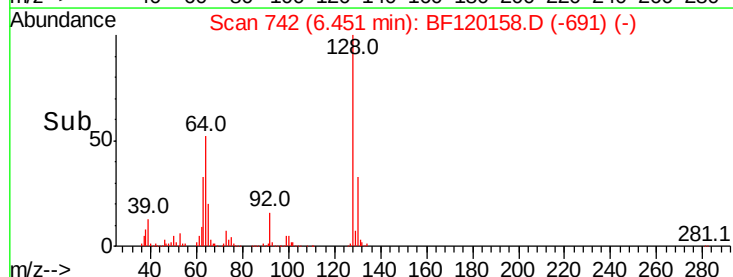
64 52.3 35.3 75.3

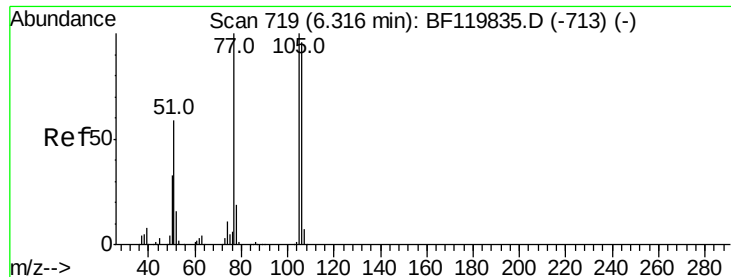


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.771 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

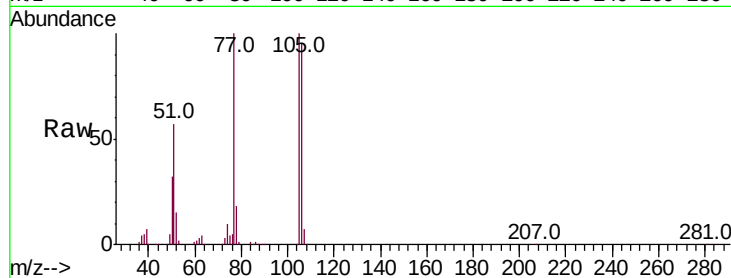
Tot Ion: 77 Resp: 235160

Ion Ratio Lower Upper

77 100

105 100.1 80.9 120.9

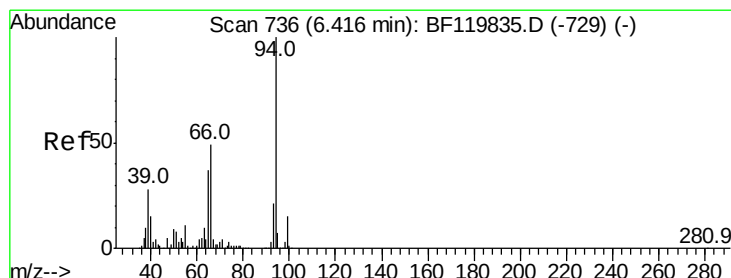
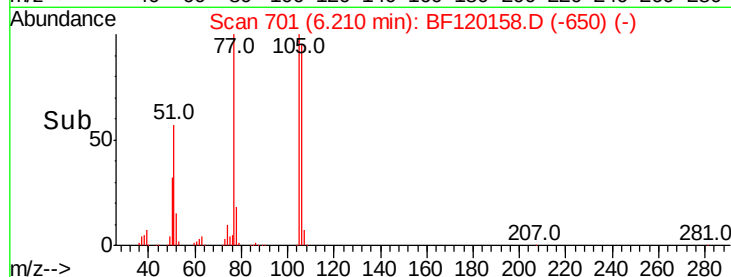
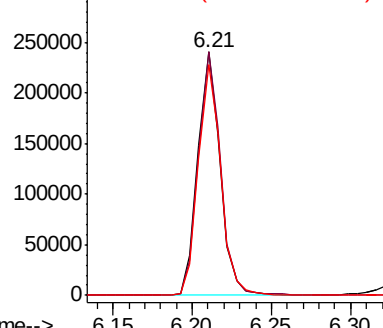
106 94.8 77.9 117.9



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: 42.557 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

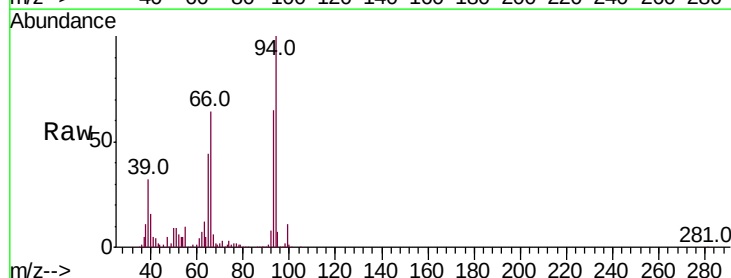
Tgt Ion: 94 Resp: 523409

Ion Ratio Lower Upper

94 100

65 44.3 13.2 53.2

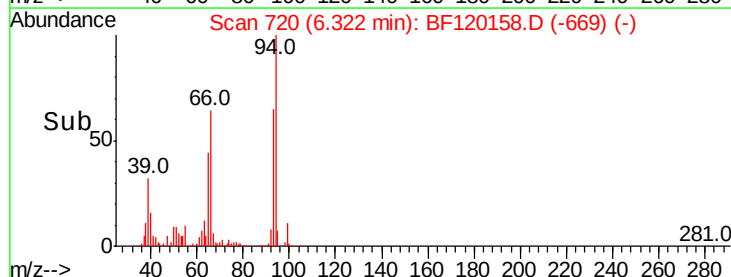
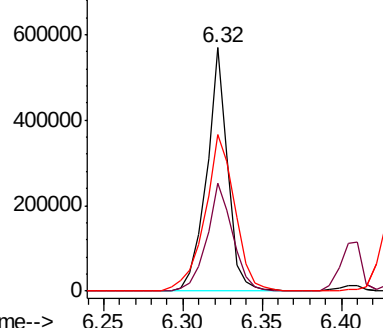
66 64.4 22.3 62.3#

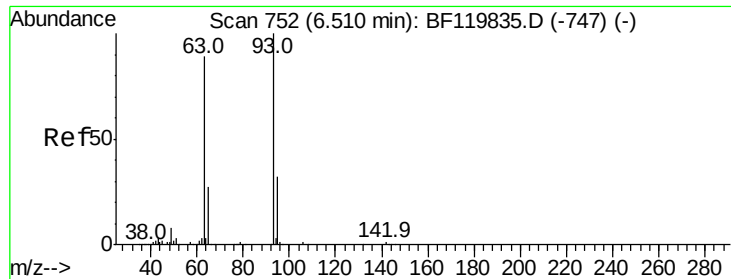


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

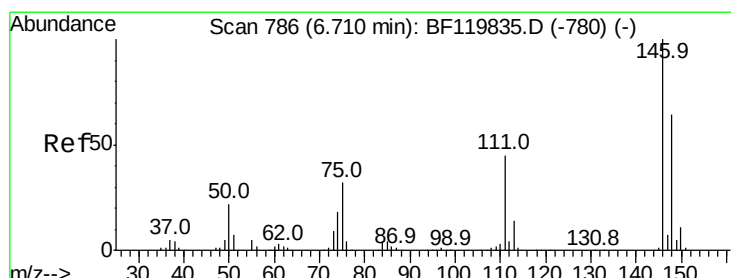
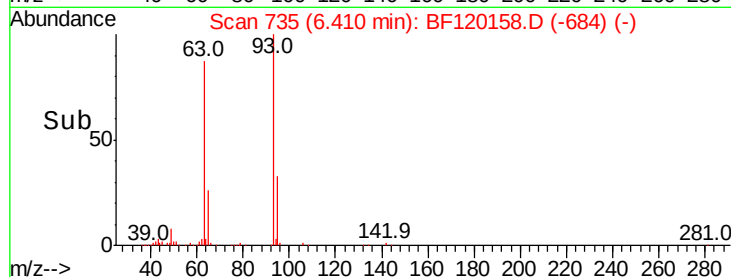
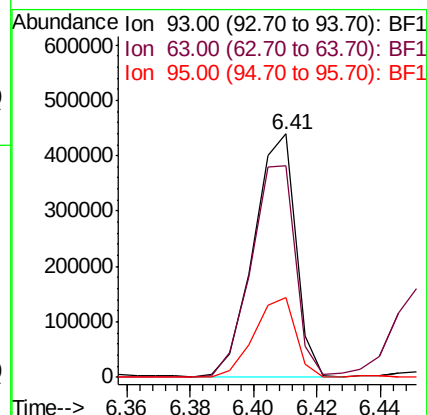
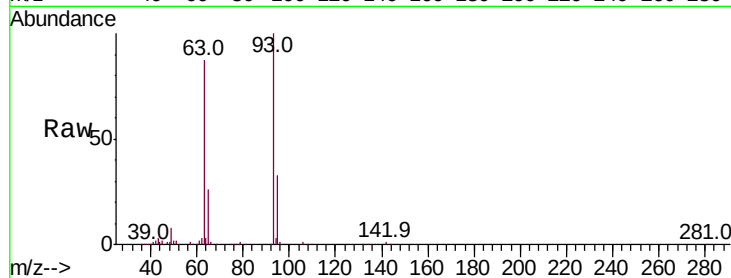




#11
bis(2-Chloroethyl)ether
Concen: 42.356 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

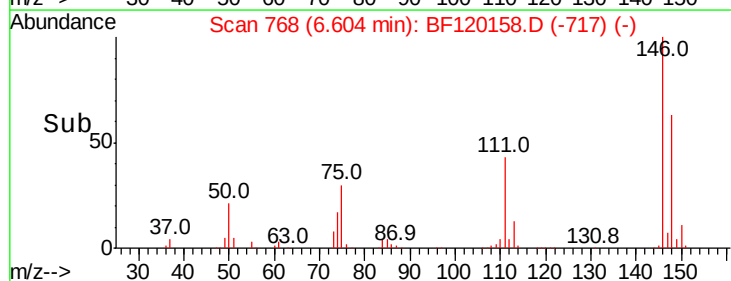
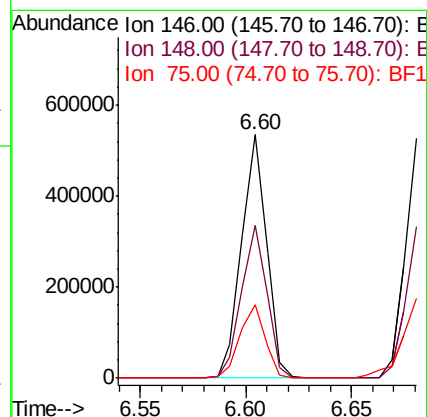
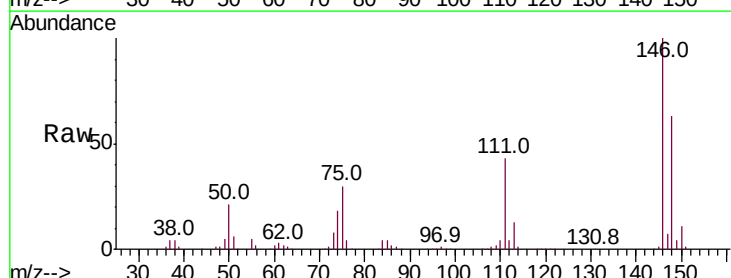
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

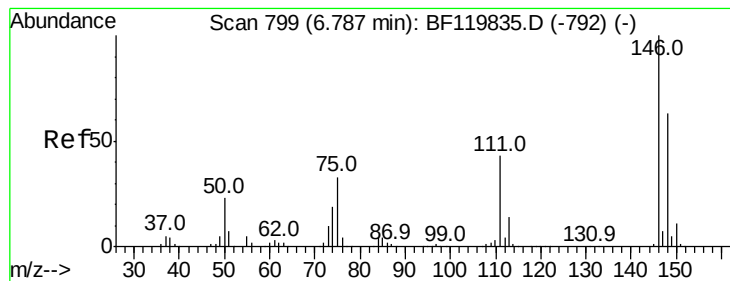
Tot Ion:	93	Resp:	402219
Ion	Ratio	Lower	Upper
93	100		
63	86.7	70.2	110.2
95	32.8	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 42.566 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:	146	Resp:	438070
Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
75	30.2	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 41.857 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

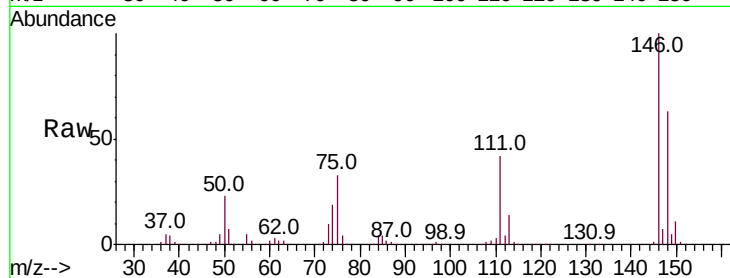
Tot Ion:146 Resp: 438808

Ion Ratio Lower Upper

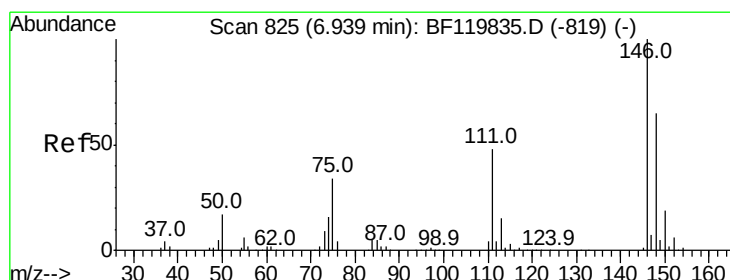
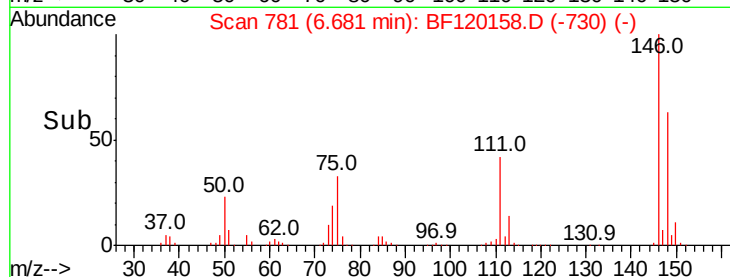
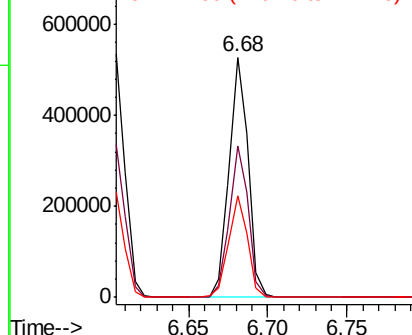
146 100

148 63.2 51.5 77.3

111 42.3 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: 43.499 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

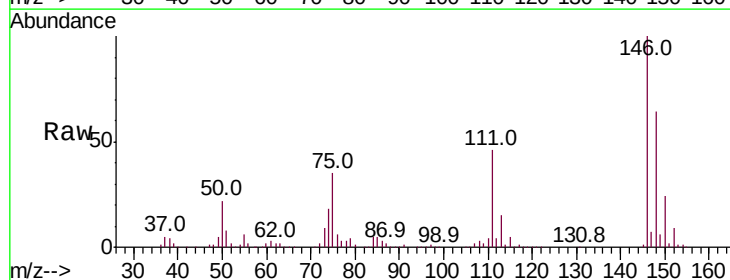
Tgt Ion:146 Resp: 420266

Ion Ratio Lower Upper

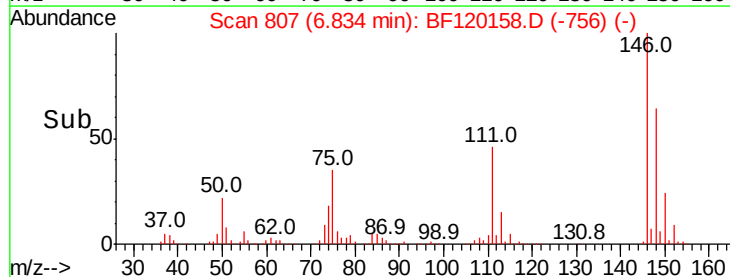
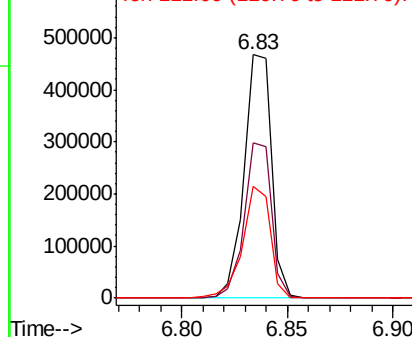
146 100

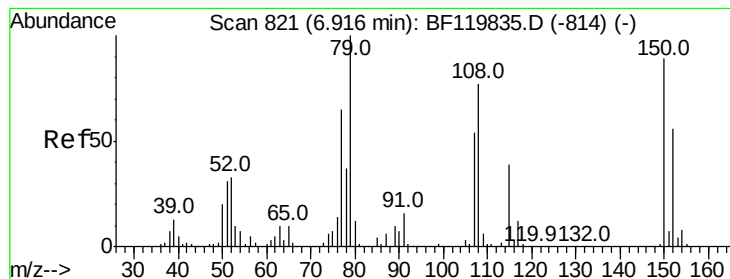
148 63.8 50.6 75.8

111 45.7 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

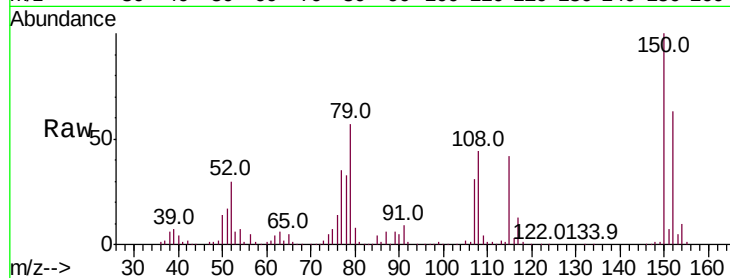




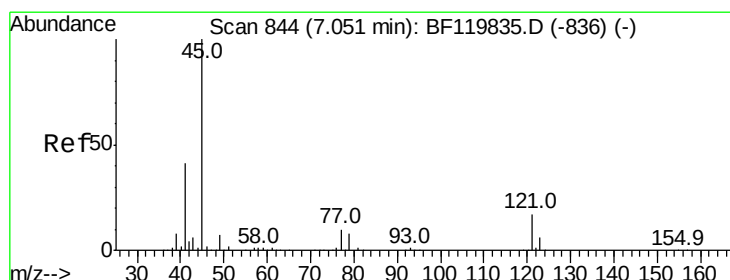
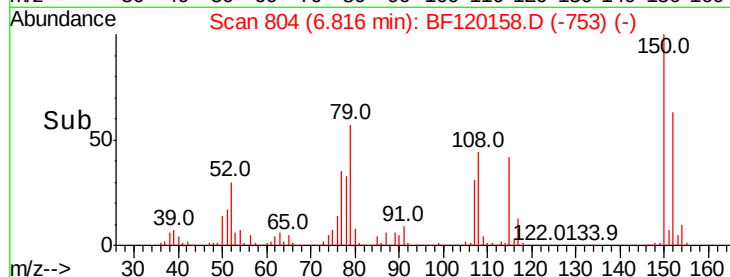
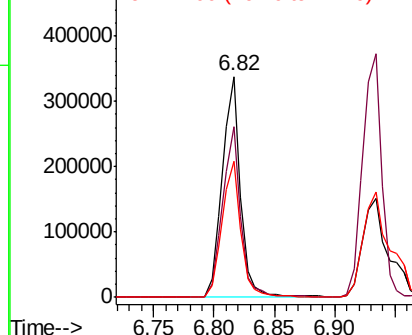
#15
Benzyl Alcohol
Concen: 41.889 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 352709
Ion Ratio Lower Upper
79 100
108 77.0 60.6 90.8
77 61.7 50.2 75.2

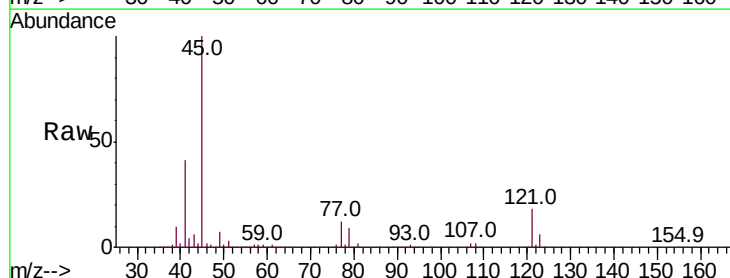


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

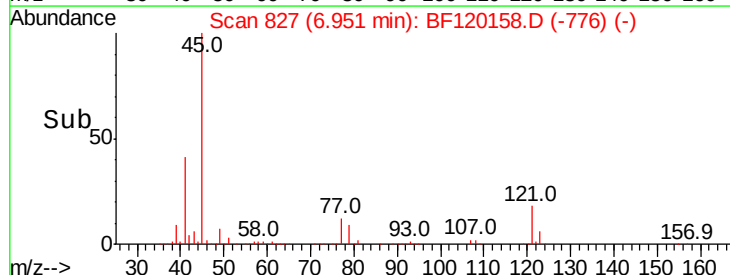
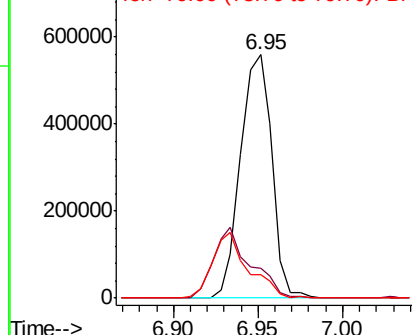


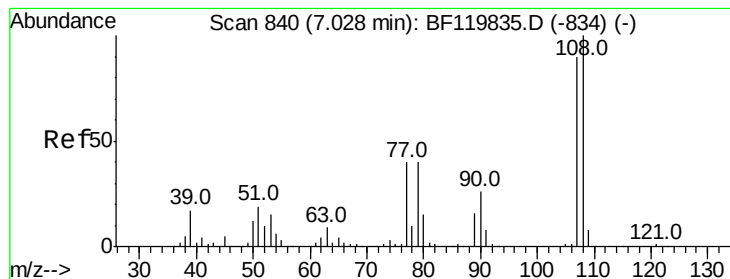
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.279 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion: 45 Resp: 725835
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.7
79 9.4 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: 42.895 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 359845

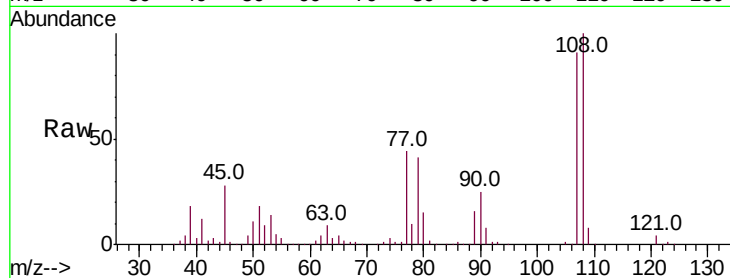
Ion Ratio Lower Upper

107 100

108 109.7 92.2 138.4

77 47.7 36.6 54.8

79 44.9 36.2 54.4

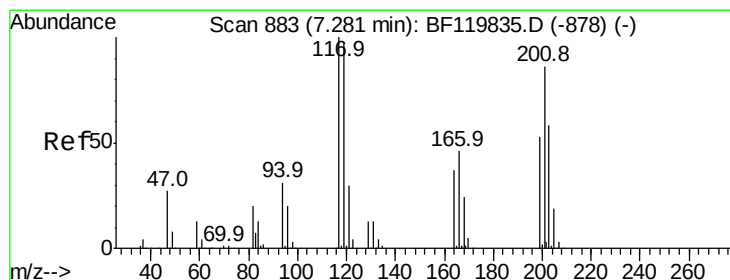
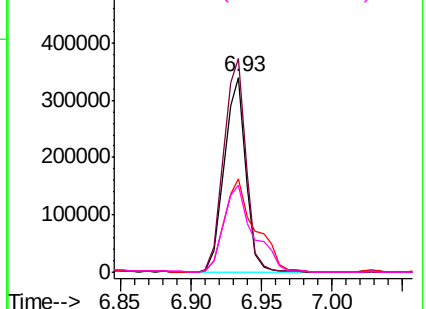
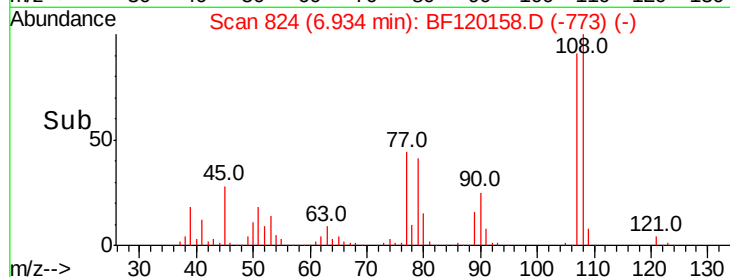


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.891 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

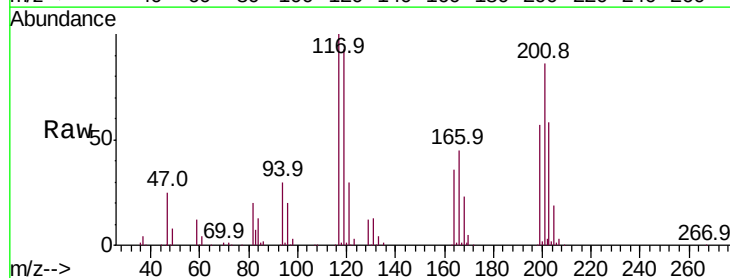
Tgt Ion:117 Resp: 168043

Ion Ratio Lower Upper

117 100

119 92.8 76.1 114.1

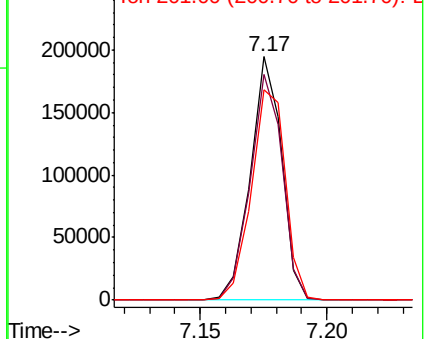
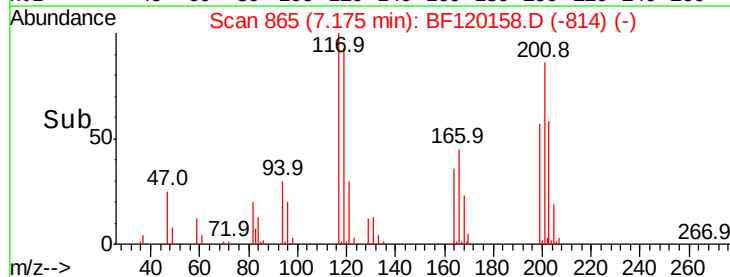
201 86.5 73.0 109.6

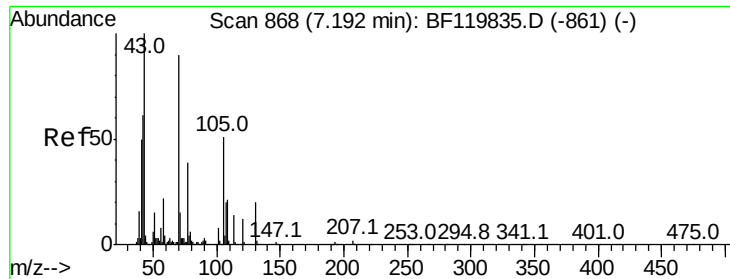


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

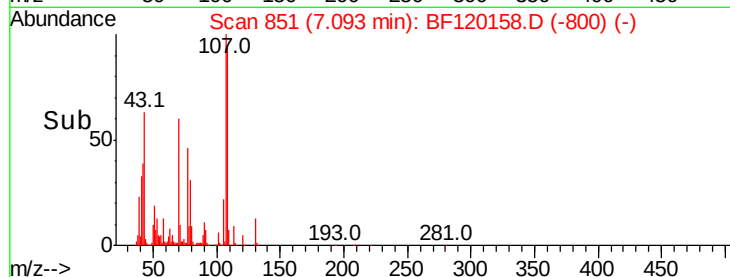
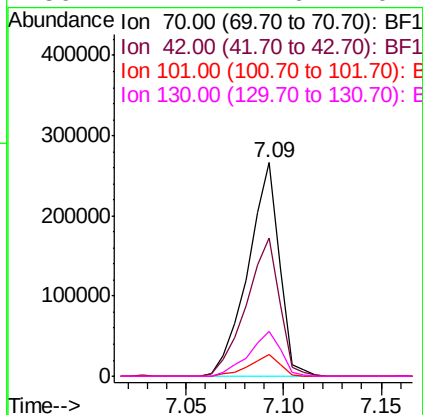
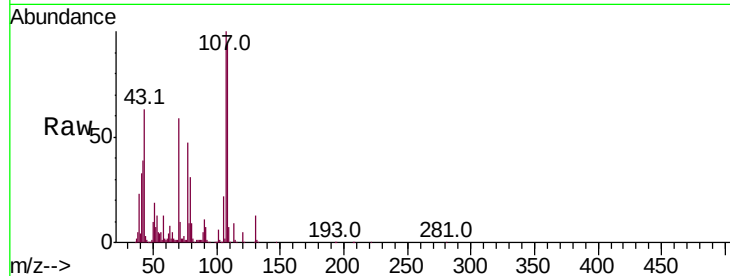




#19
n-Nitroso-di-n-propylamine
Concen: 42.548 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

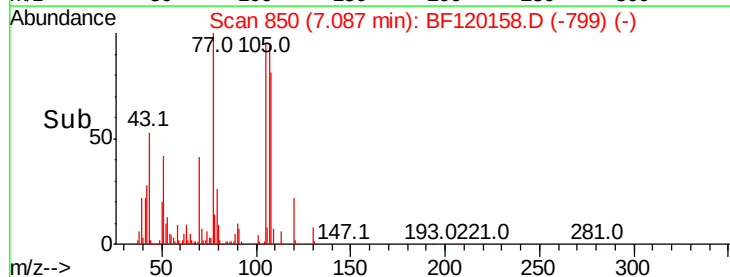
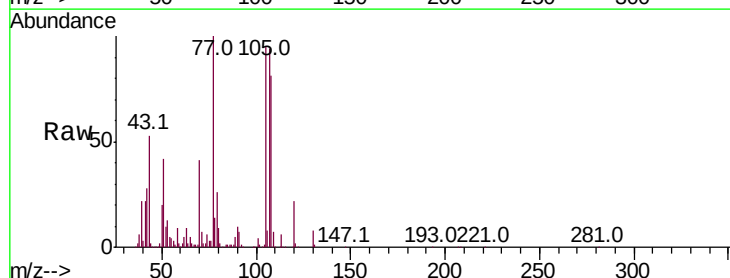
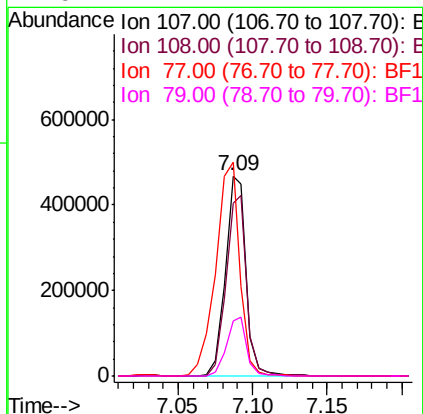
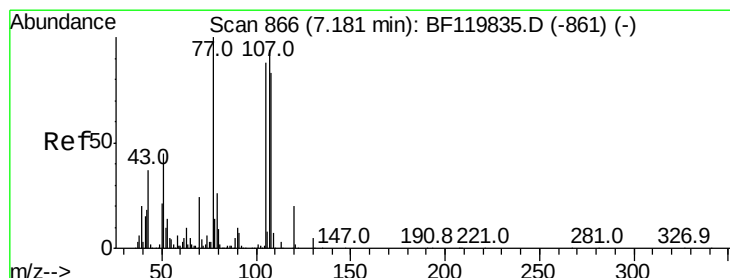
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

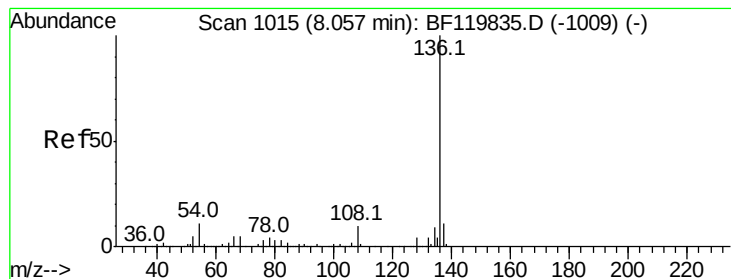
Tot Ion:	70	Resp:	296608
Ion	Ratio	Lower	Upper
70	100		
42	64.9	54.5	81.7
101	10.2	7.6	11.4
130	21.1	17.6	26.4



#20
3+4-Methylphenols
Concen: 44.760 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:	107	Resp:	459233
Ion	Ratio	Lower	Upper
107	100		
108	86.1	67.9	107.9
77	106.7	52.9	92.9#
79	27.4	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 563567

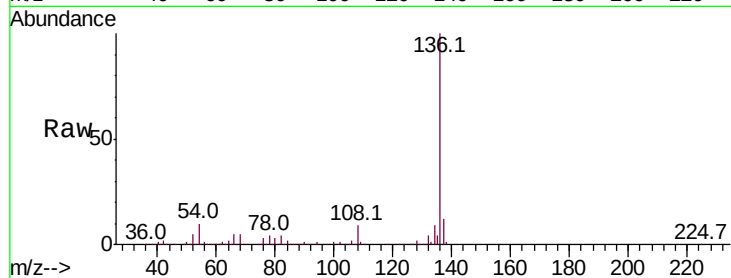
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.2 9.1 13.7

68 5.4 4.6 6.8

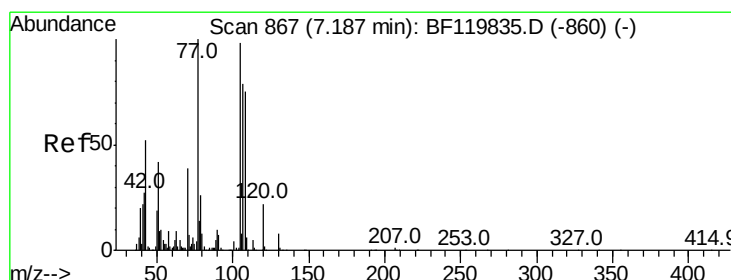
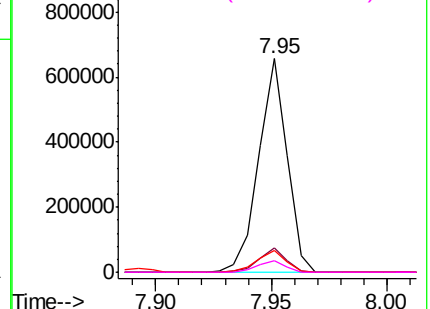
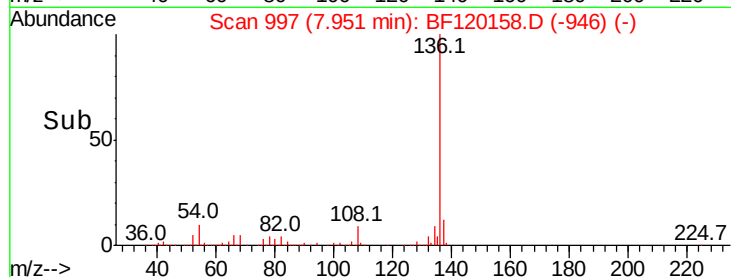


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.613 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Tgt Ion:105 Resp: 549159

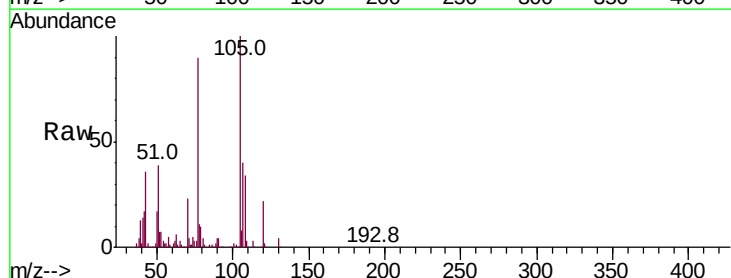
Ion Ratio Lower Upper

105 100

71 3.8 5.7 8.5#

51 39.3 26.2 39.4

120 21.7 18.3 27.5

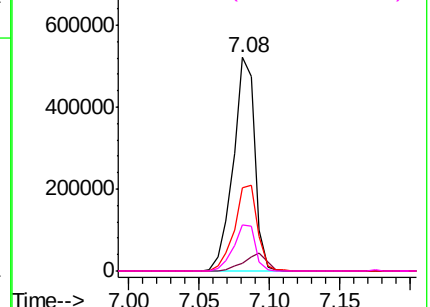
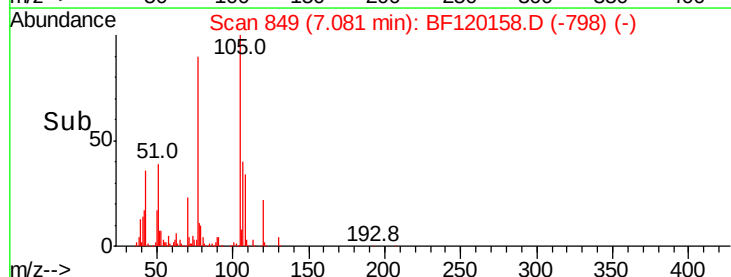


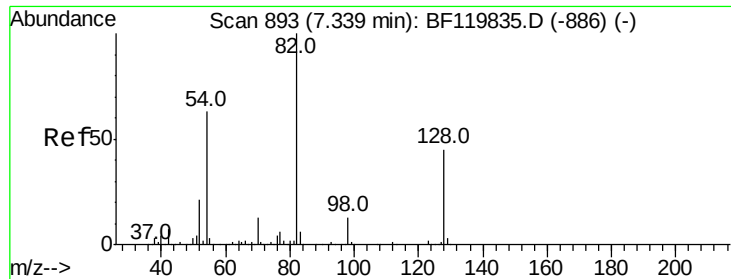
Abundance Ion 105.00 (104.70 to 105.70): E

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

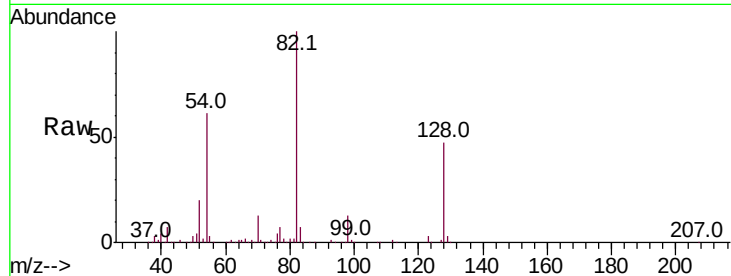




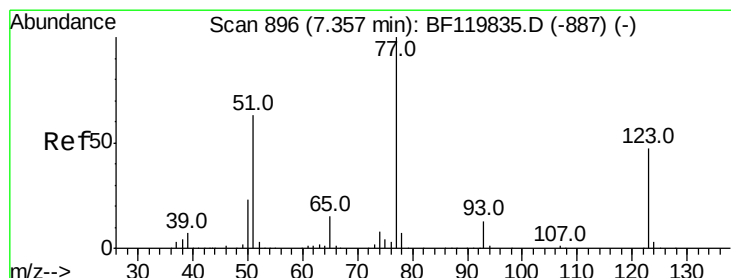
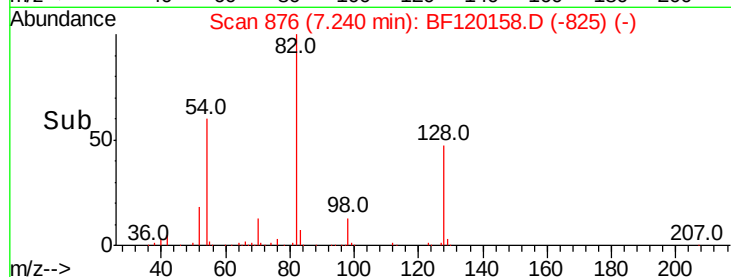
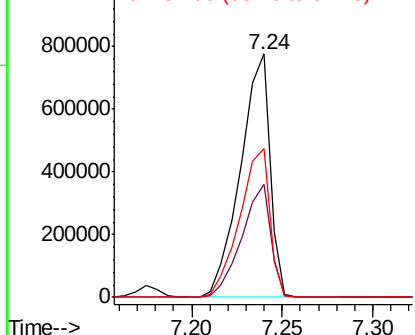
#23
 Nitrobenzene-d5
 Concen: 80.466 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 876567
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.3 54.5
 54 61.1 50.6 75.8

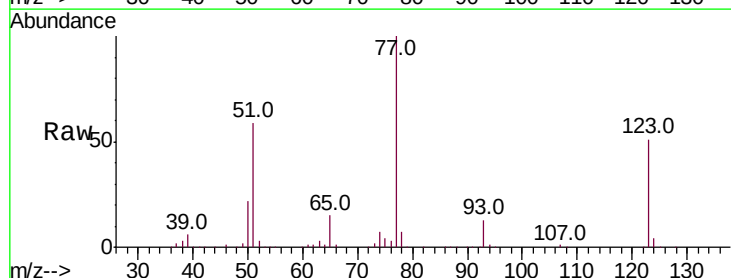


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

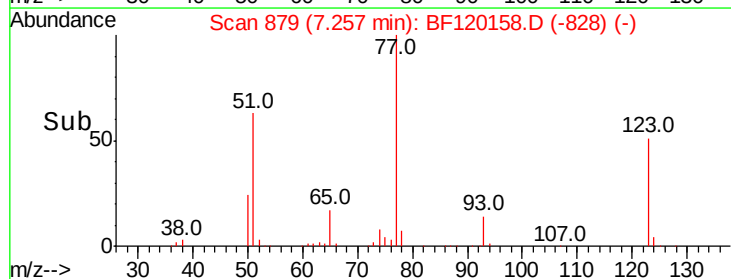
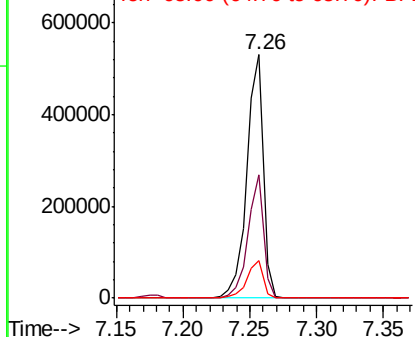


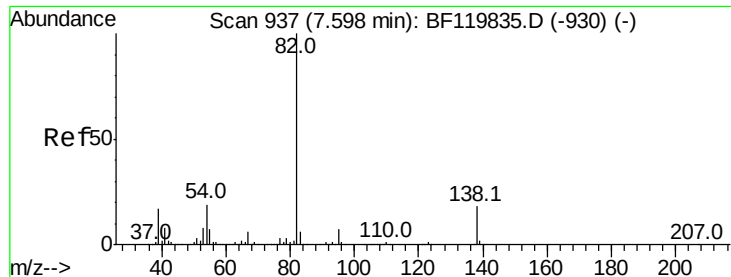
#24
 Nitrobenzene
 Concen: 41.085 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion: 77 Resp: 450237
 Ion Ratio Lower Upper
 77 100
 123 50.6 38.0 57.0
 65 15.2 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.139 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

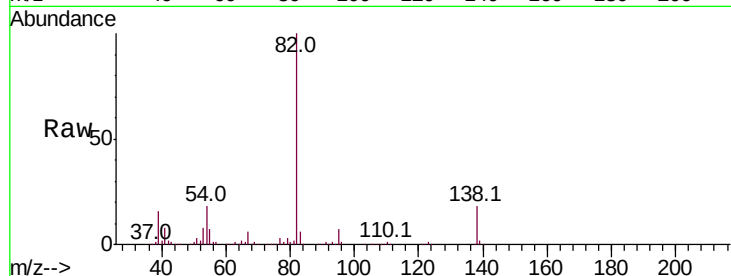
Tot Ion: 82 Resp: 842908

Ion Ratio Lower Upper

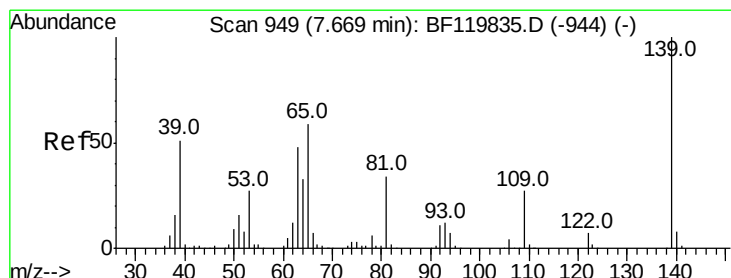
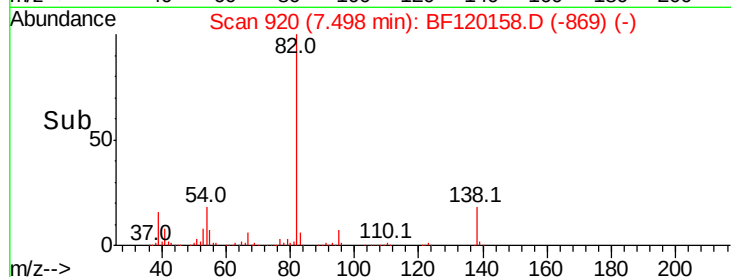
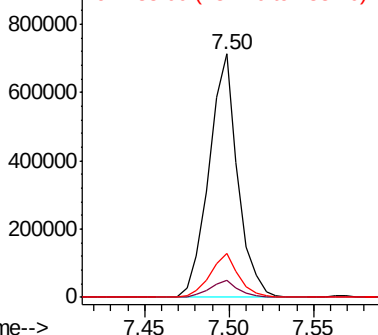
82 100

95 6.9 5.8 8.6

138 18.1 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: 40.616 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

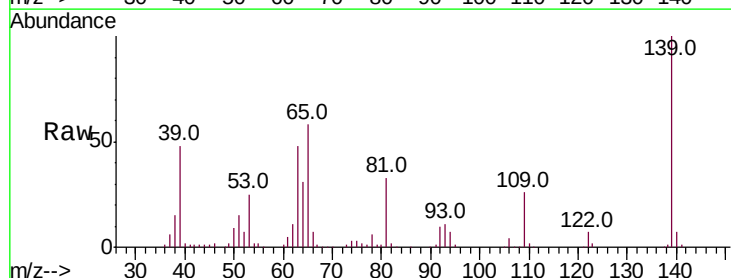
Tgt Ion:139 Resp: 222367

Ion Ratio Lower Upper

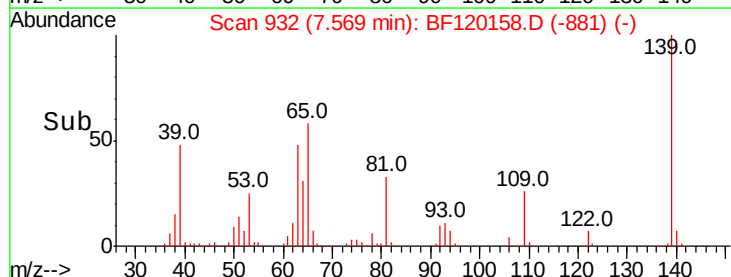
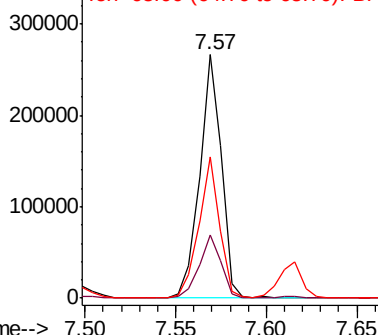
139 100

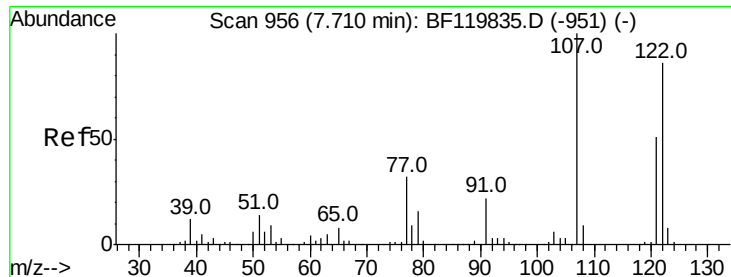
109 26.1 22.1 33.1

65 57.8 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

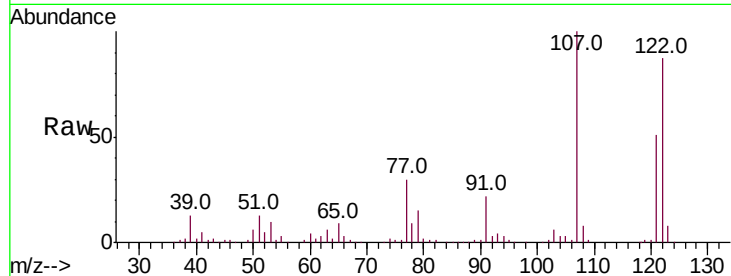




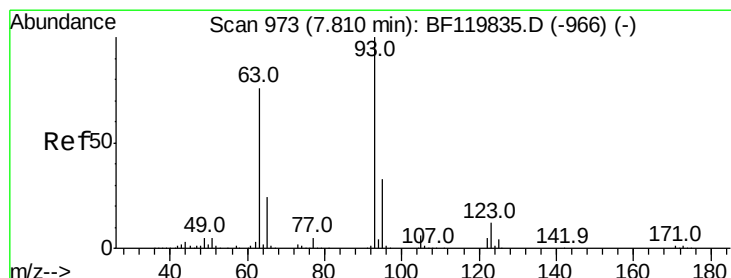
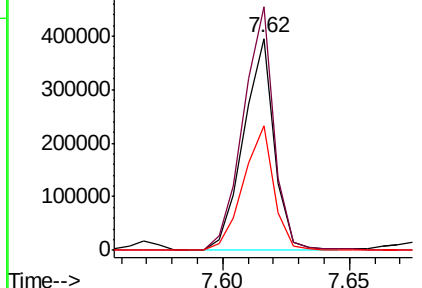
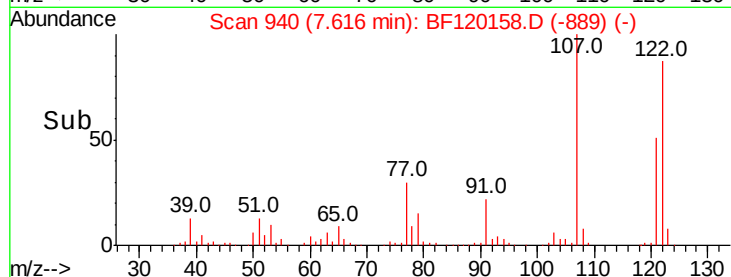
#27
 2,4-Dimethylphenol
 Concen: 40.283 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	89.0	133.6
121	58.8	46.7	70.1

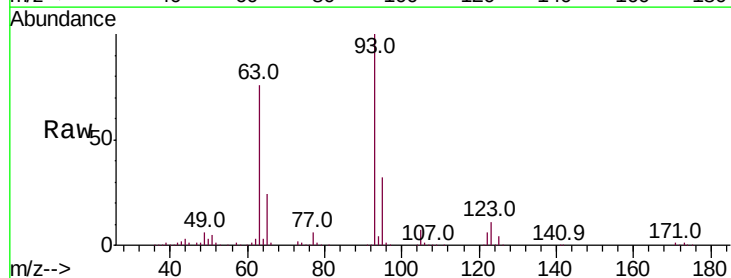


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

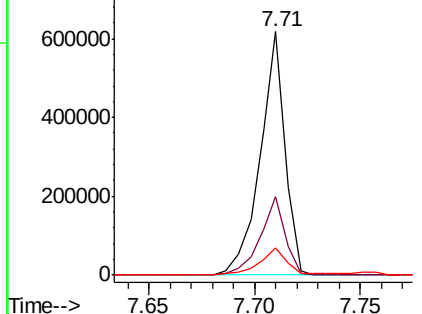
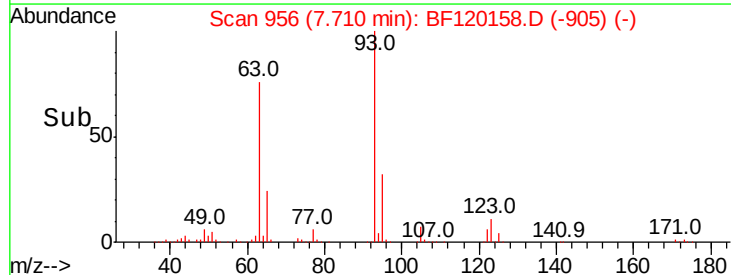


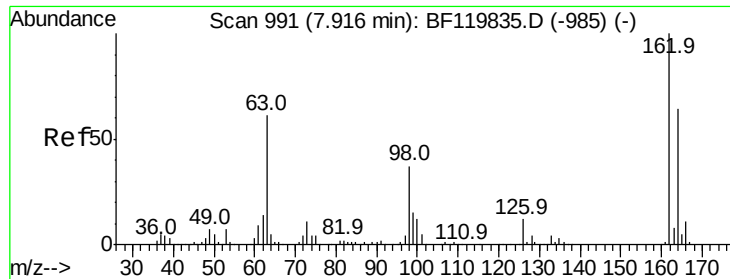
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.826 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.4	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

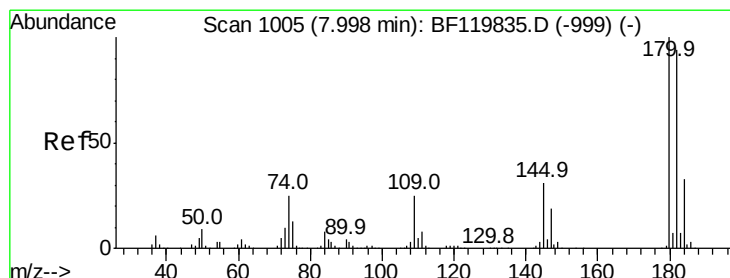
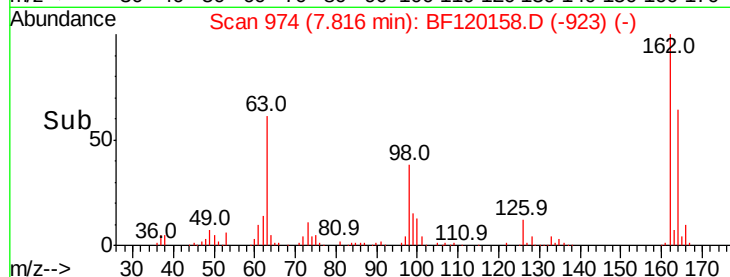
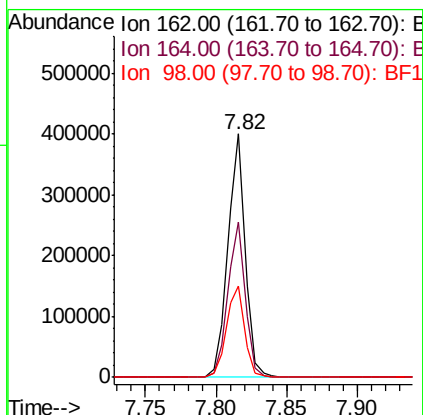
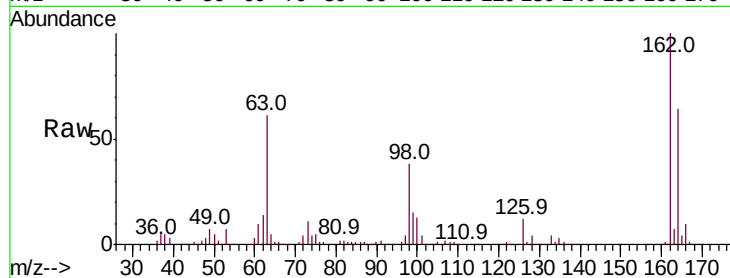




#29
 2,4-Dichlorophenol
 Concen: 40.286 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

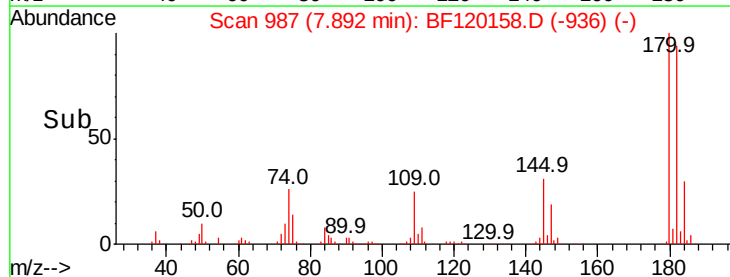
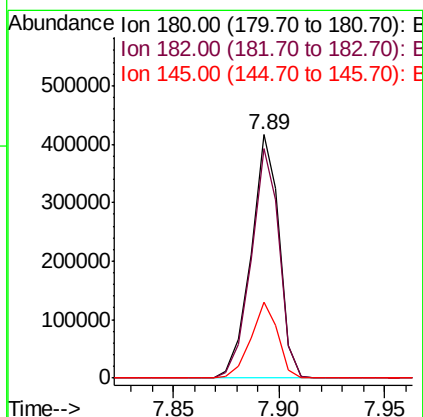
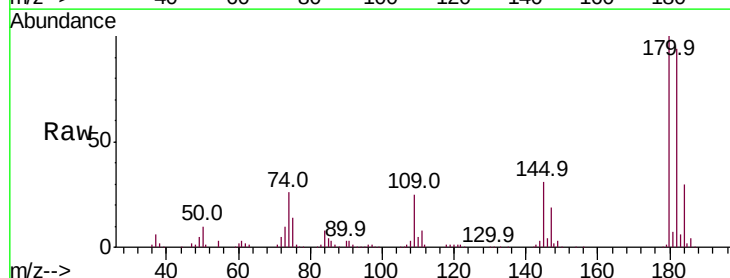
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

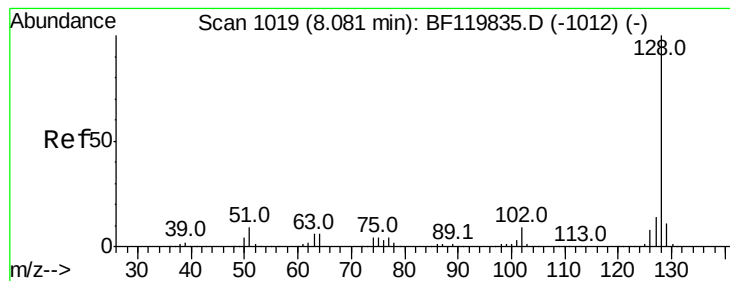
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.7	84.7
98	37.6	20.7	60.7



#30
 1,2,4-Trichlorobenzene
 Concen: 40.016 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.7	112.1
145	31.2	24.5	36.7





#31

Naphthalene

Concen: 40.544 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

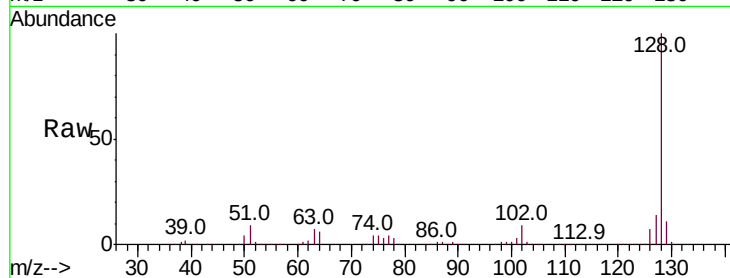
Tot Ion:128 Resp: 1202151

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

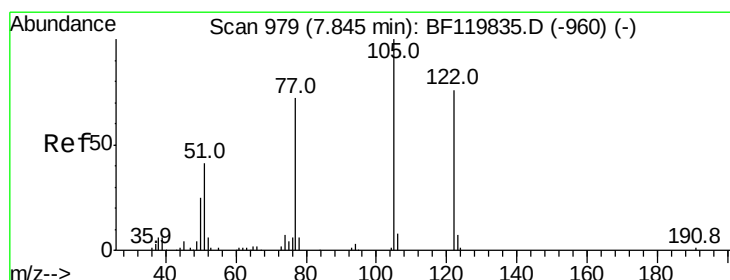
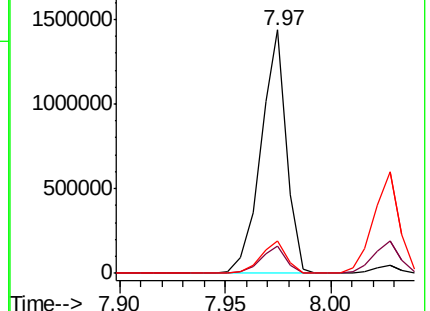
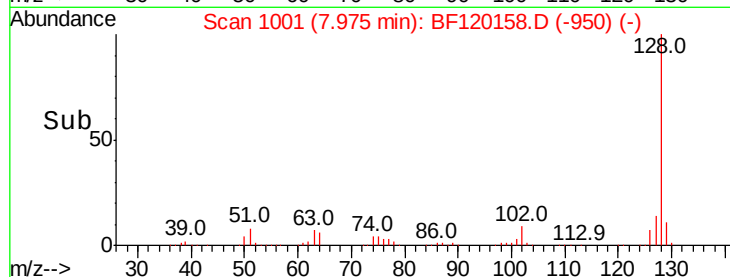
127 13.5 11.3 16.9



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: 36.163 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

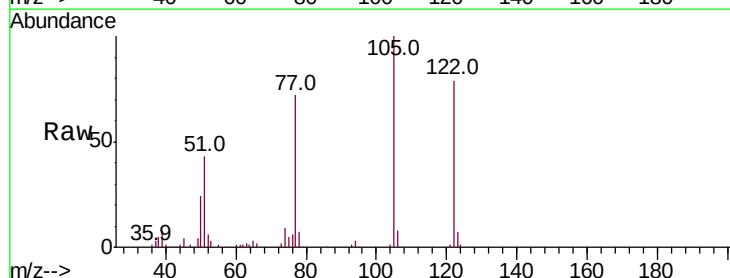
Tgt Ion:122 Resp: 262248

Ion Ratio Lower Upper

122 100

105 126.1 104.9 144.9

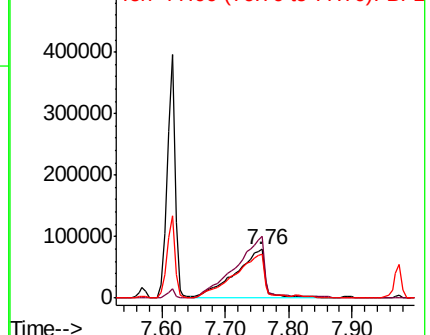
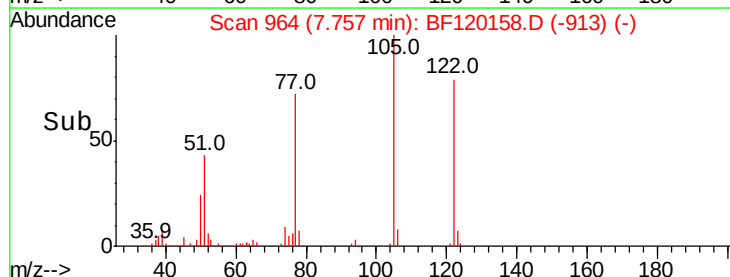
77 90.6 74.4 114.4

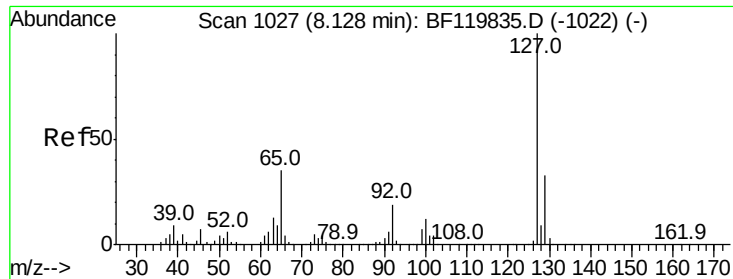


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

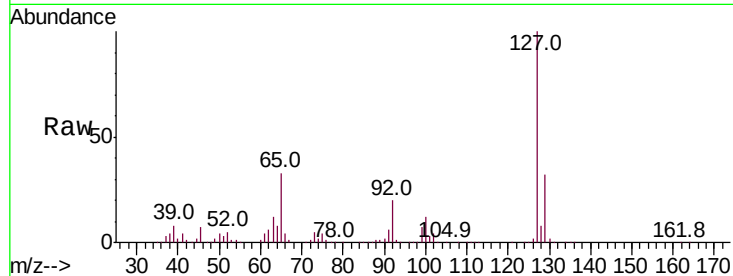




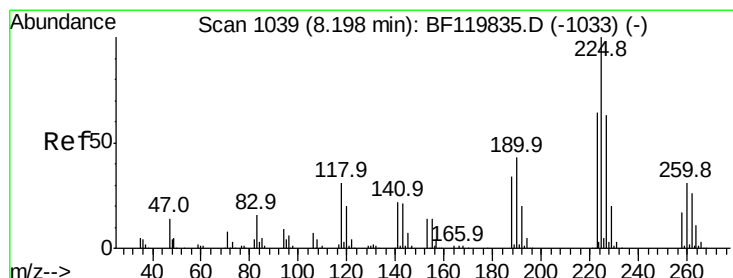
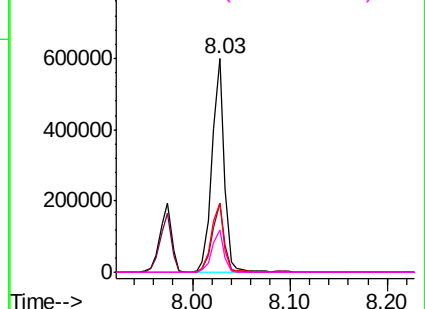
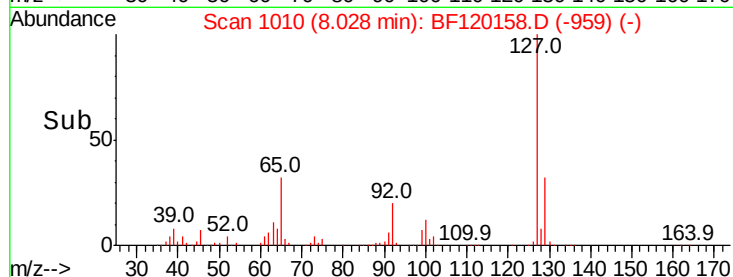
#33
4-Chloroaniline
Concen: 40.472 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	522422
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	32.7	27.4	41.0
92	19.5	15.3	22.9

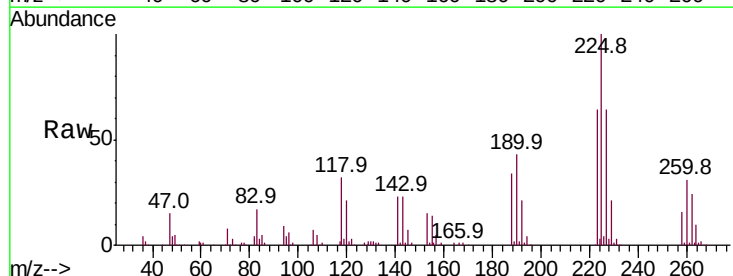


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

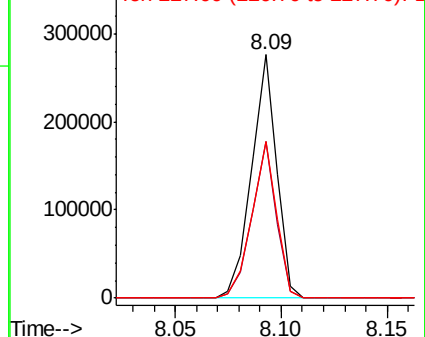
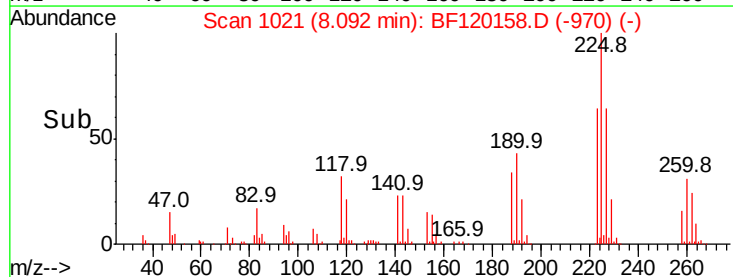


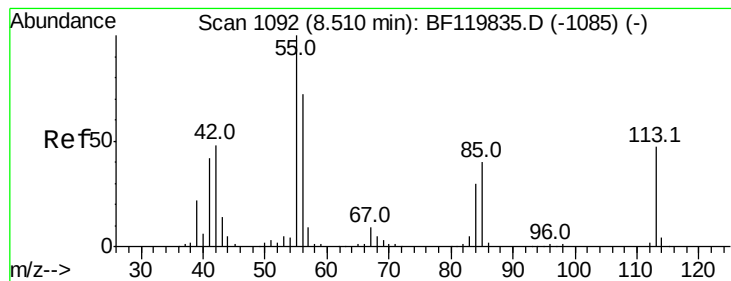
#34
Hexachlorobutadiene
Concen: 39.749 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:	225	Resp:	228192
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.5	50.7	76.1



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





#35

Caprolactam

Concen: 38.672 ng

RT: 8.41 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

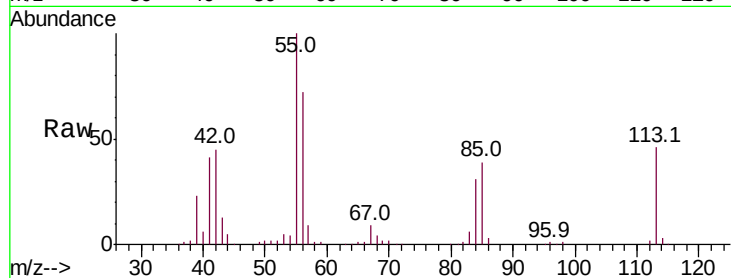
Tot Ion:113 Resp: 100123

Ion Ratio Lower Upper

113 100

55 216.3 218.4 258.4#

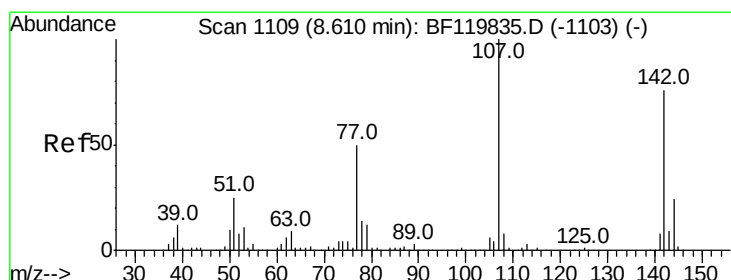
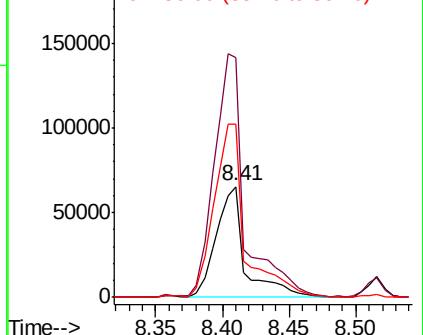
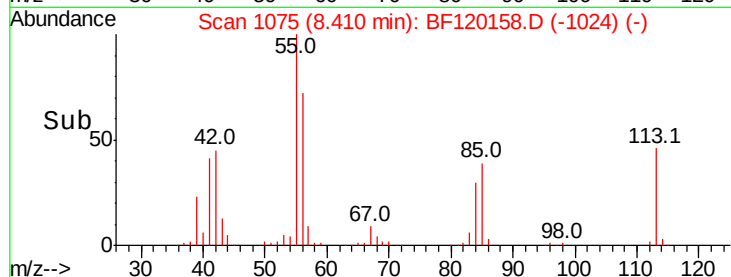
56 156.1 148.9 188.9



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: 39.983 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

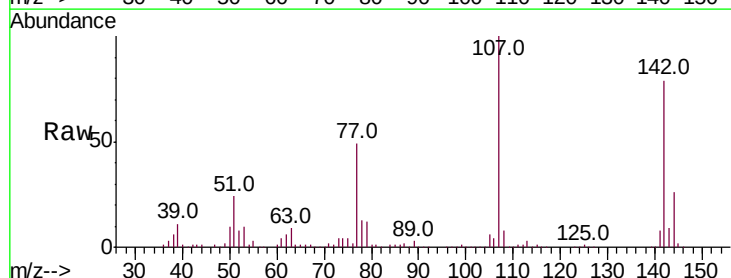
Tgt Ion:107 Resp: 366382

Ion Ratio Lower Upper

107 100

144 26.3 21.0 31.6

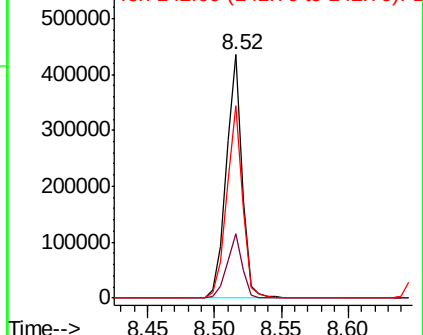
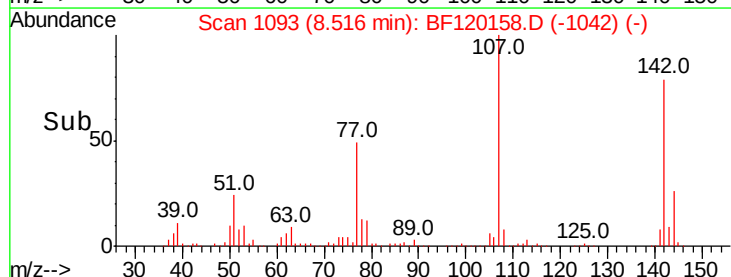
142 79.3 64.4 96.6

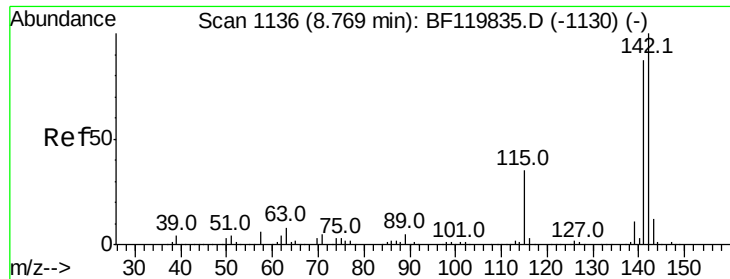


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

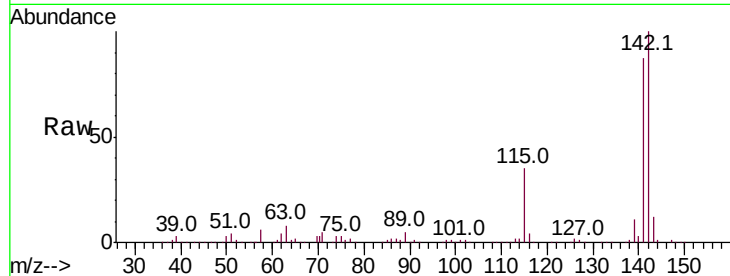




#37
2-Methylnaphthalene
Concen: 39.783 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.7	107.5
115	34.5	27.9	41.9

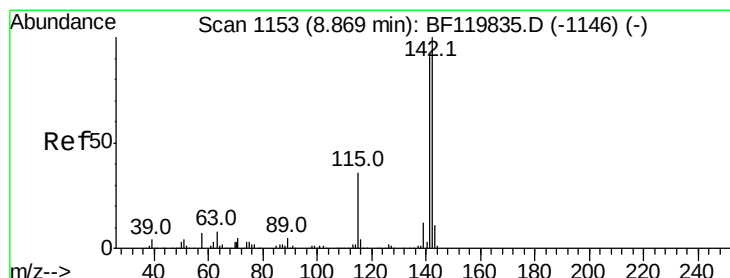
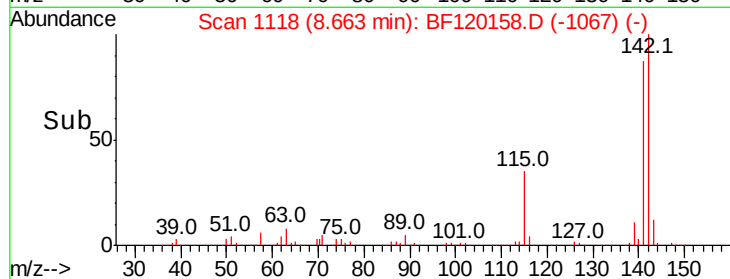
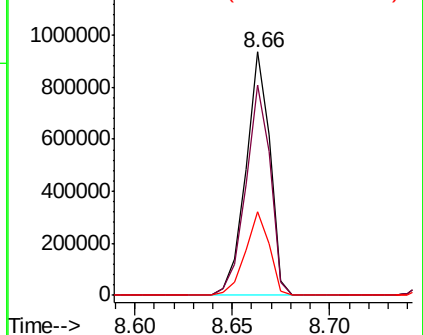


Abundance

Ion 142.00 (141.70 to 142.70): E

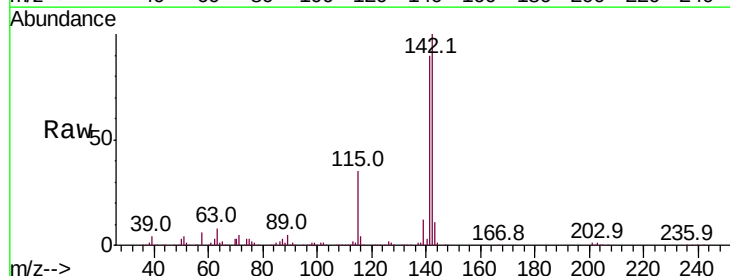
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.800 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.7	110.5
116	3.6	3.0	4.6

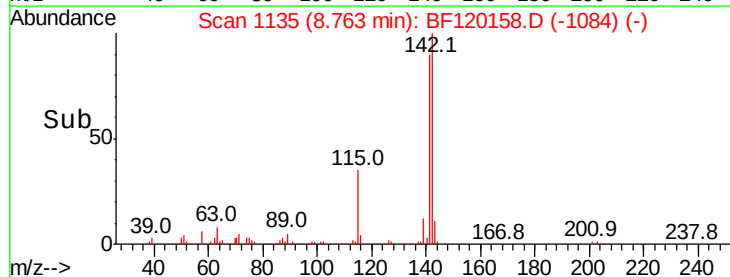
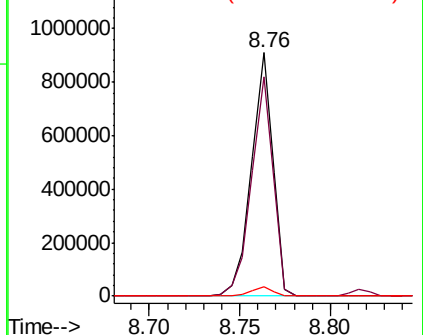


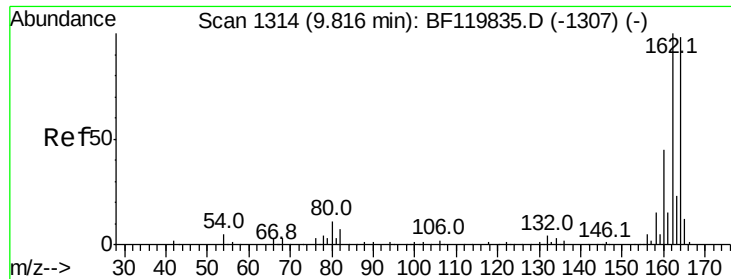
Abundance

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

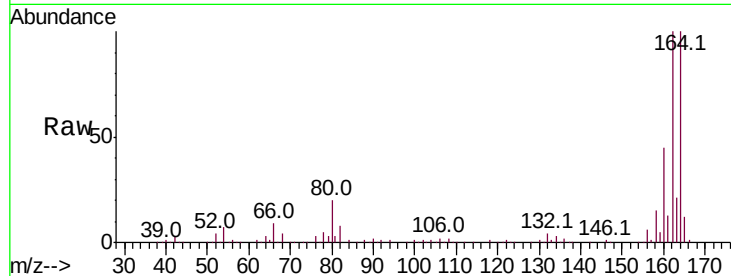




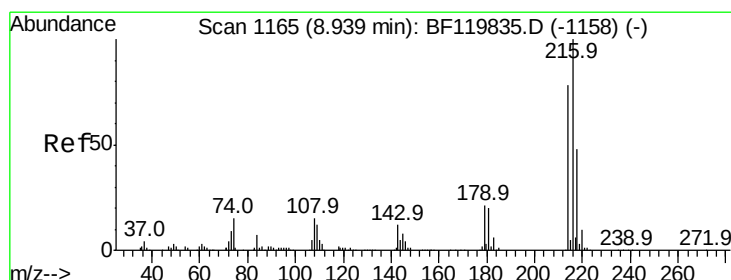
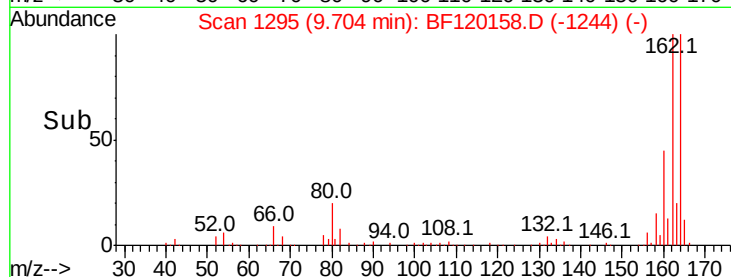
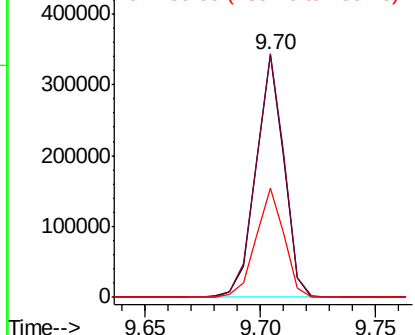
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:164 Resp: 287573
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.6 121.0
 160 45.0 35.7 53.5

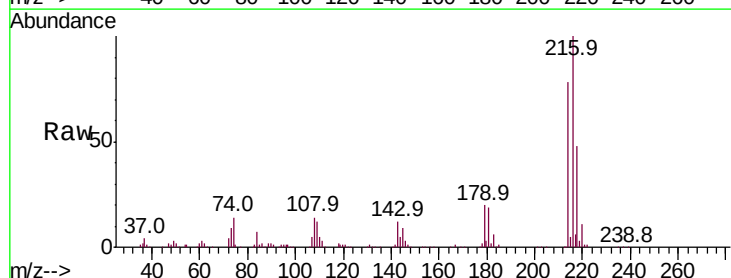


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

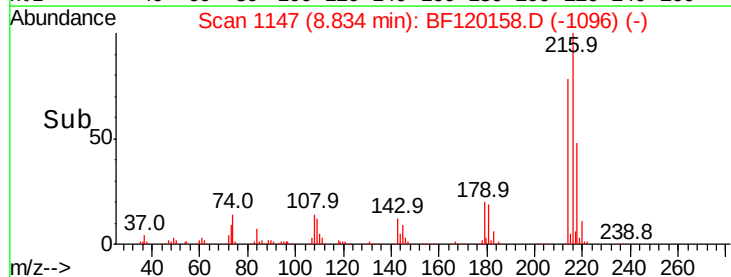
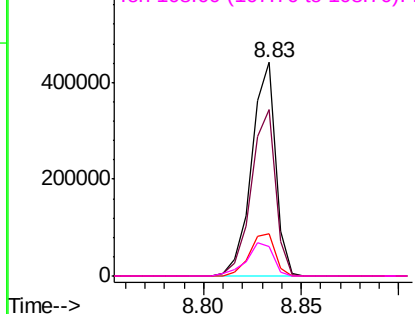


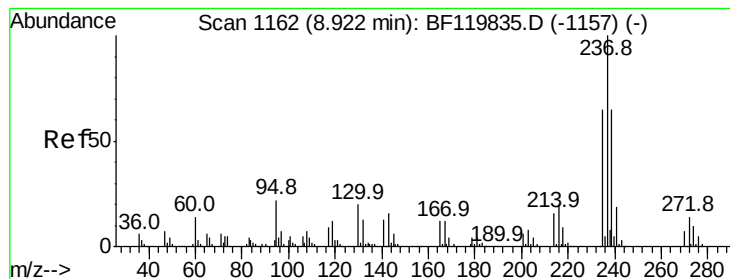
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.498 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion:216 Resp: 376915
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.2 94.8
 179 21.1 17.1 25.7
 108 17.4 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: 32.248 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

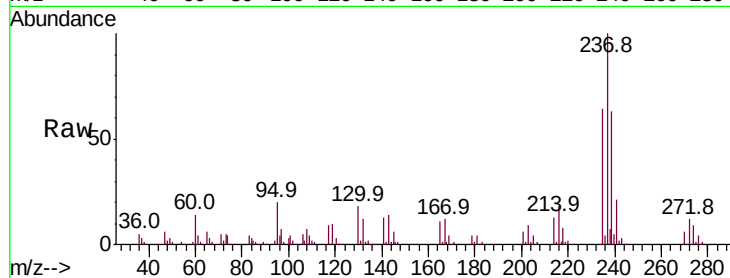
Tot Ion:237 Resp: 166554

Ion Ratio Lower Upper

237 100

235 63.9 43.2 83.2

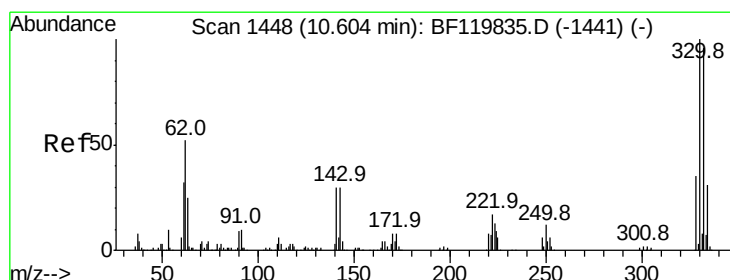
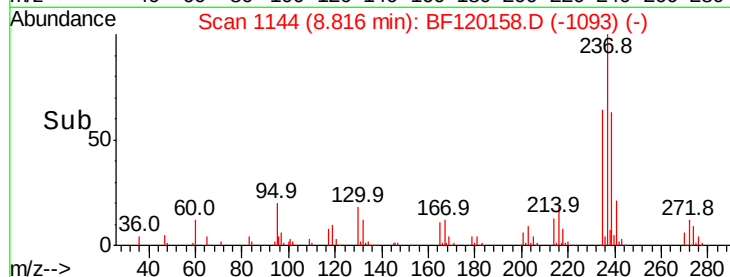
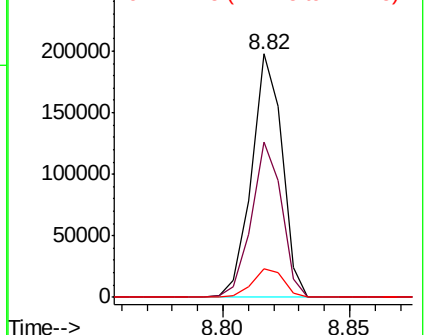
272 12.0 0.0 34.1



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: 68.222 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

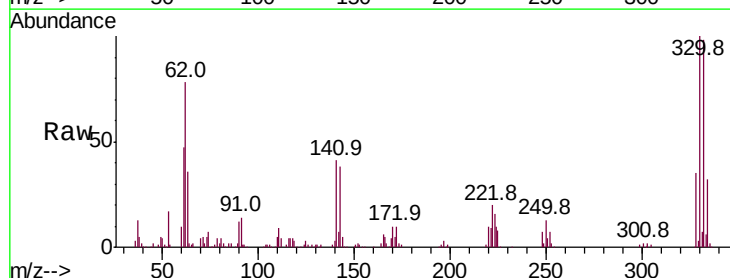
Tgt Ion:330 Resp: 240202

Ion Ratio Lower Upper

330 100

332 96.9 75.7 113.5

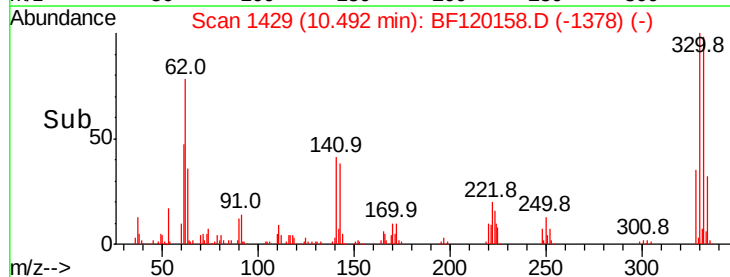
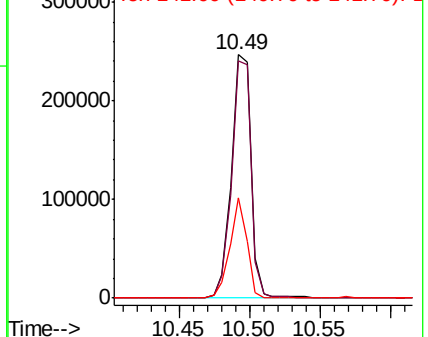
141 35.5 25.4 38.0

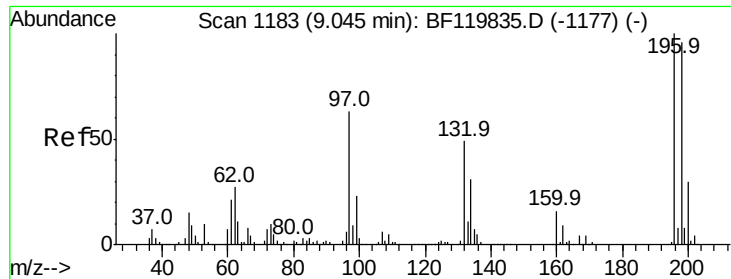


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

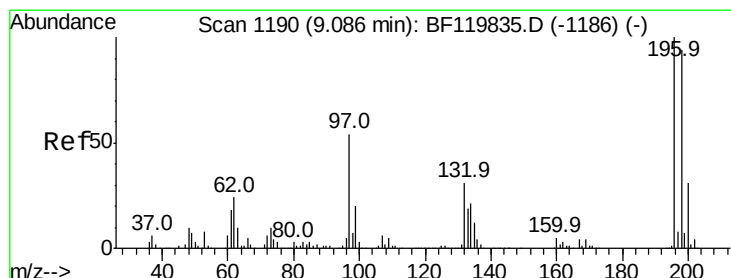
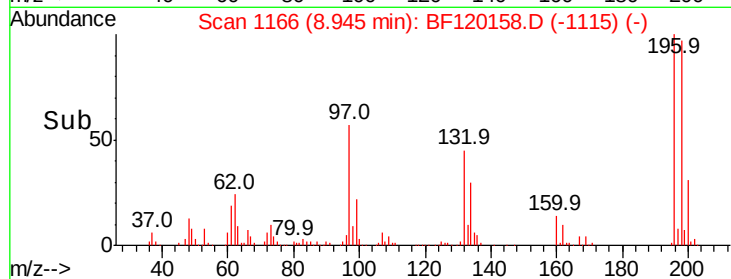
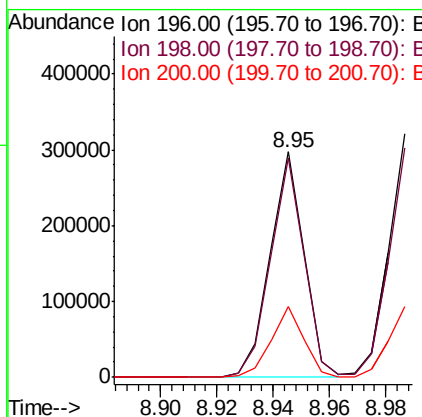
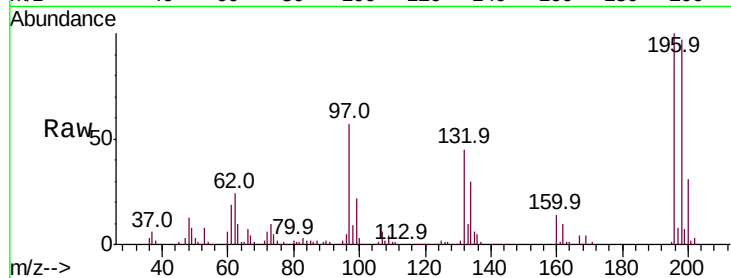




#43
 2,4,6-Trichlorophenol
 Concen: 39.548 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

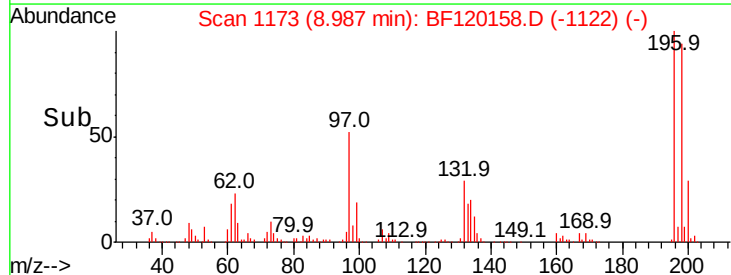
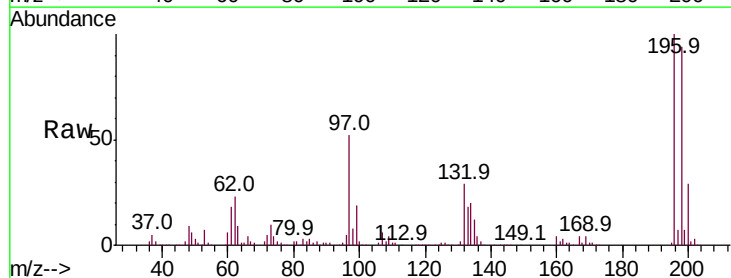
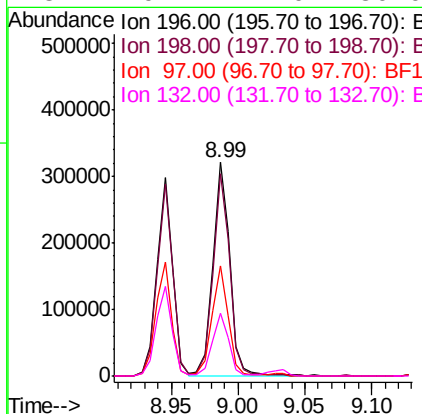
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

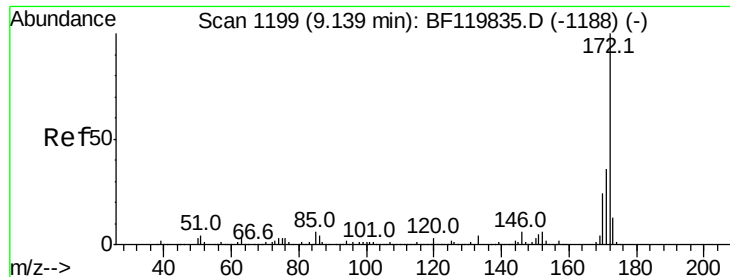
Tot Ion:196 Resp: 248050
 Ion Ratio Lower Upper
 196 100
 198 97.3 76.6 115.0
 200 31.5 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.554 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion:196 Resp: 286483
 Ion Ratio Lower Upper
 196 100
 198 94.4 73.8 110.8
 97 51.8 42.6 63.8
 132 29.1 24.0 36.0

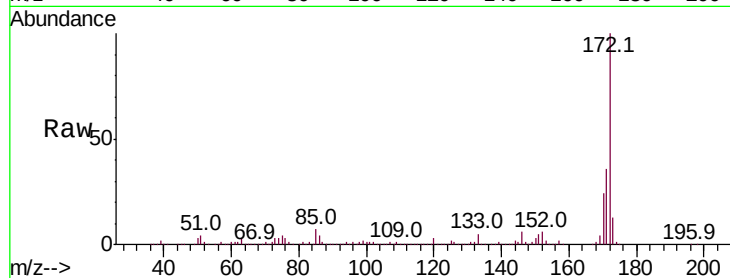




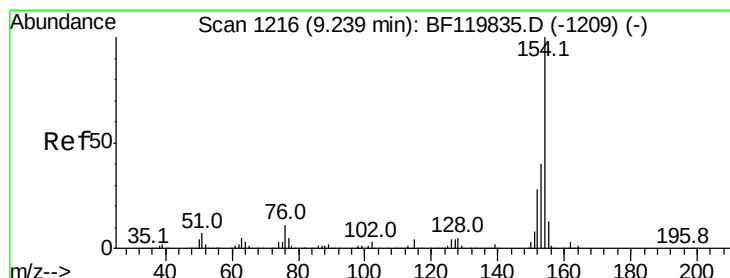
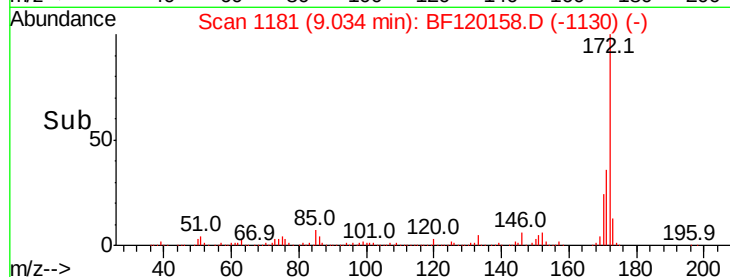
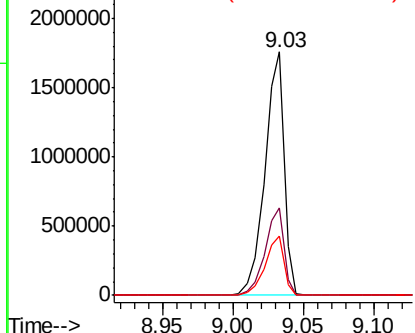
#45
2-Fluorobiphenyl
Concen: 83.491 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1691096
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.3 20.2 30.2

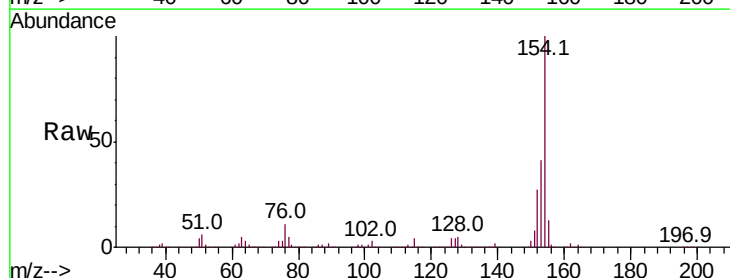


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

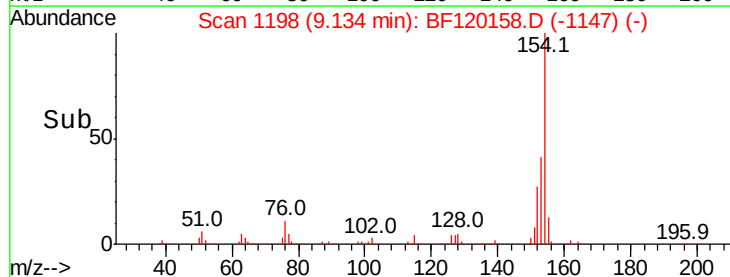
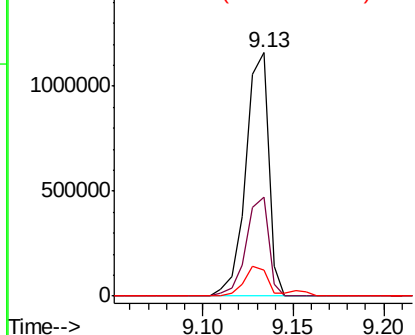


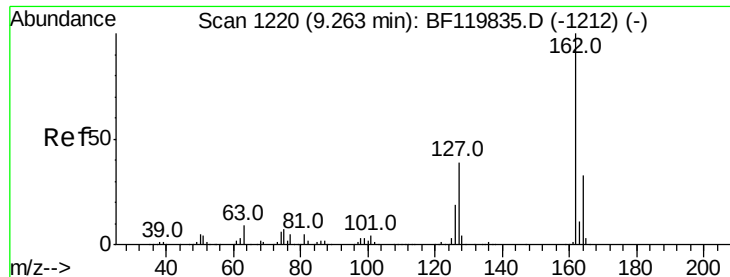
#46
1,1'-Biphenyl
Concen: 41.867 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:154 Resp: 1016231
Ion Ratio Lower Upper
154 100
153 40.6 21.4 61.4
76 10.8 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

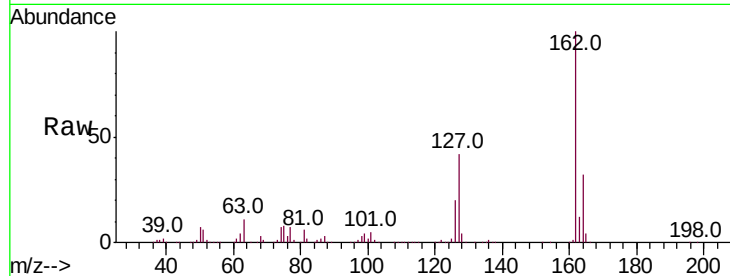




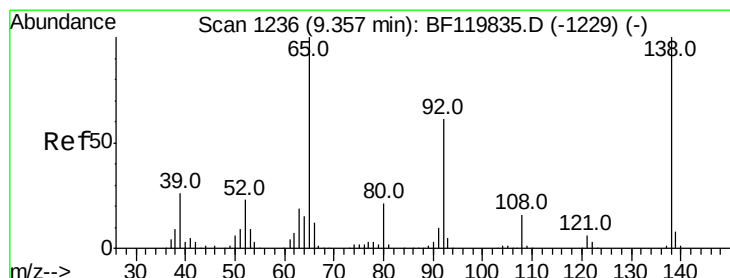
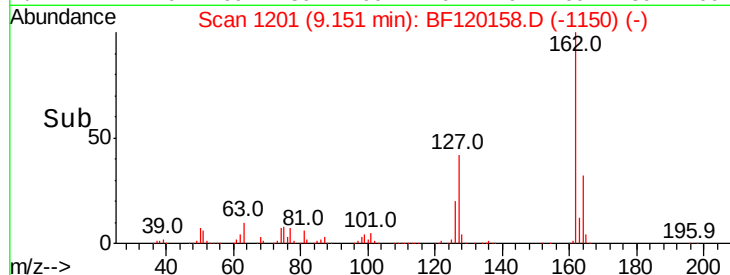
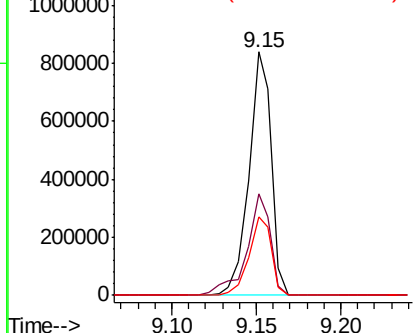
#47
 2-Chloronaphthalene
 Concen: 41.418 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 774451
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.7 50.5
 164 32.3 26.3 39.5

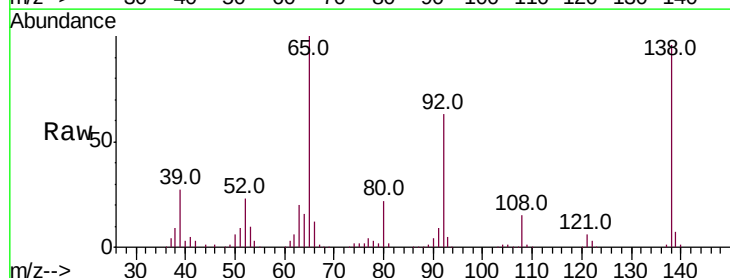


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

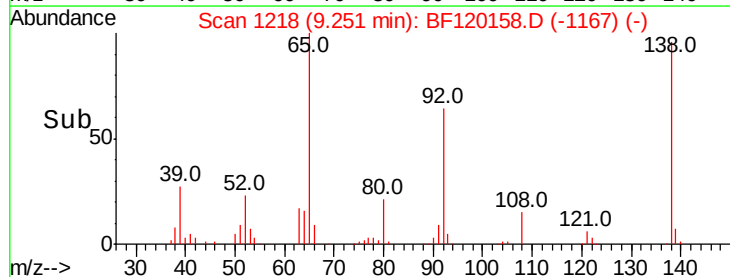
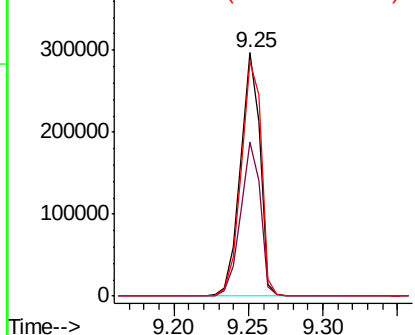


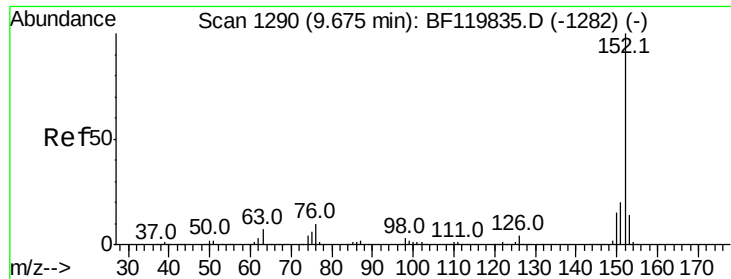
#48
 2-Nitroaniline
 Concen: 40.054 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion: 65 Resp: 271410
 Ion Ratio Lower Upper
 65 100
 92 63.4 50.0 75.0
 138 96.1 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: 41.628 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1183763

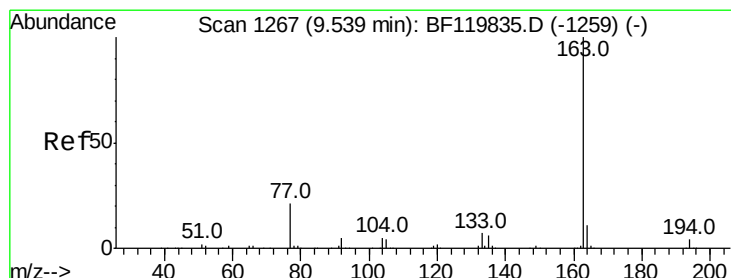
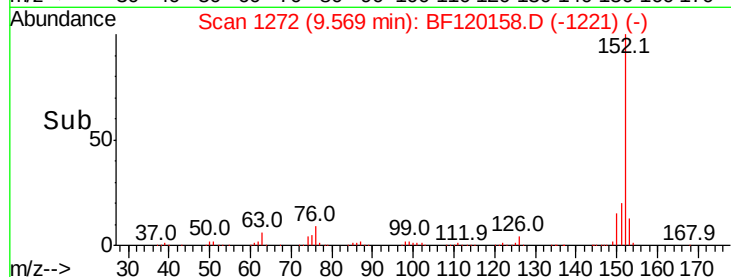
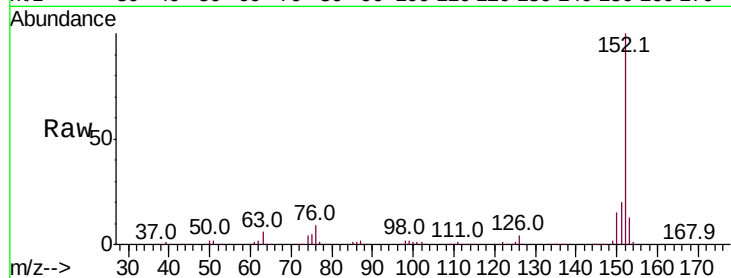
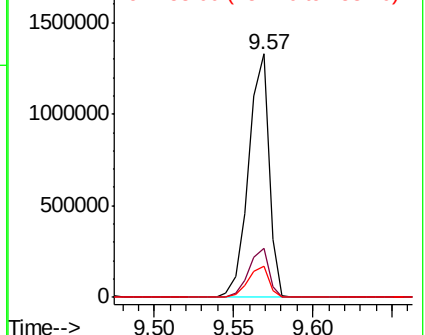
Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.0	11.2	16.8

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: 39.865 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Tgt Ion:163 Resp: 886742

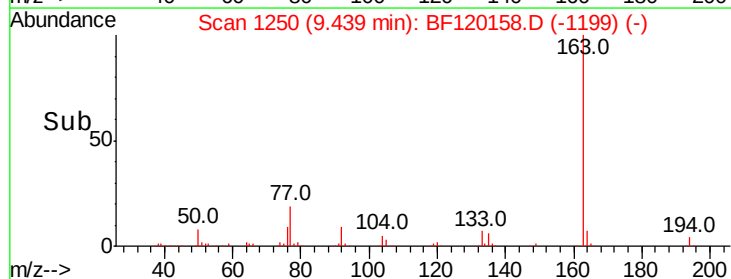
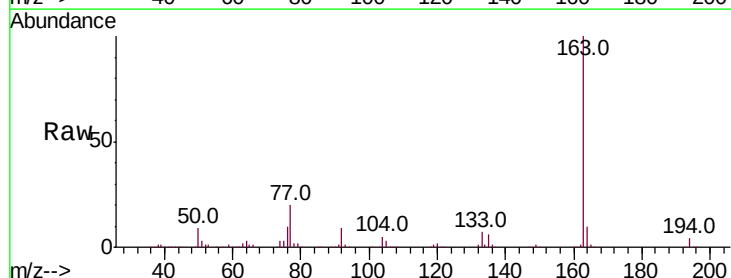
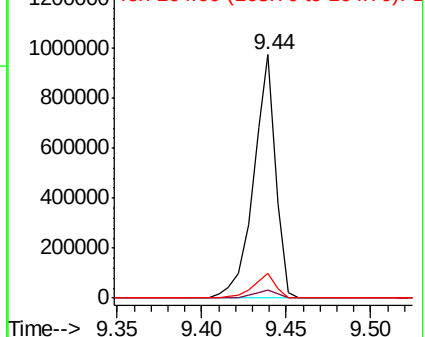
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.3	8.2	12.2

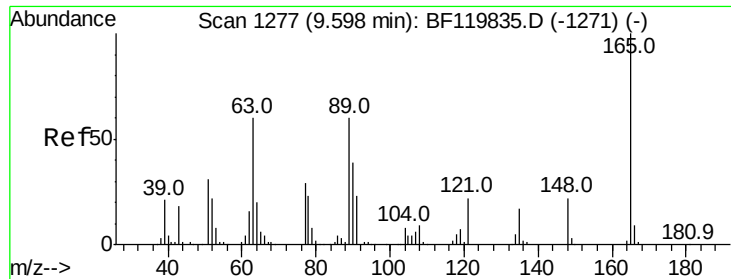
Abundance

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

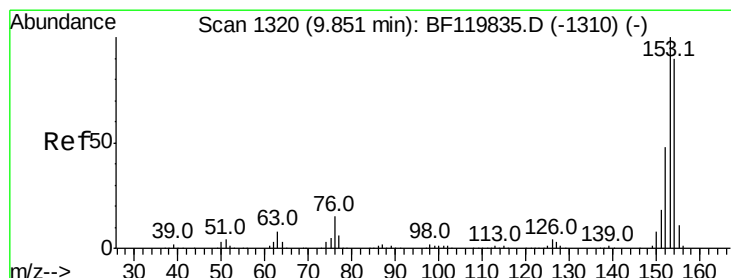
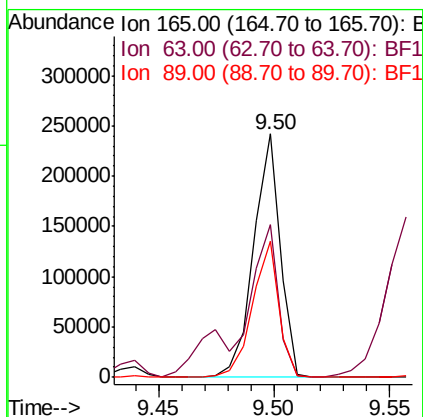
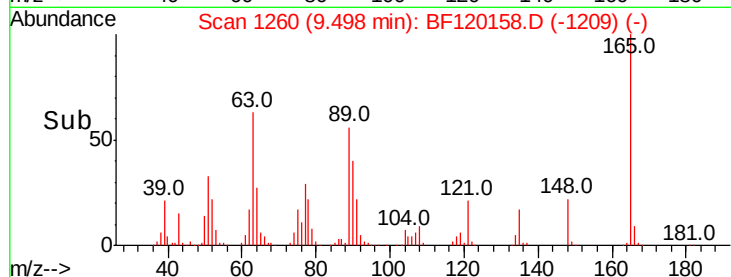
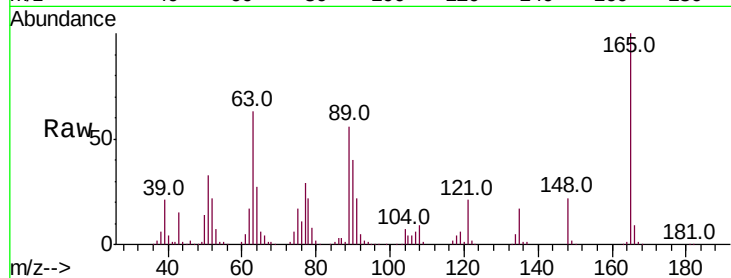




#51
 2,6-Dinitrotoluene
 Concen: 40.285 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

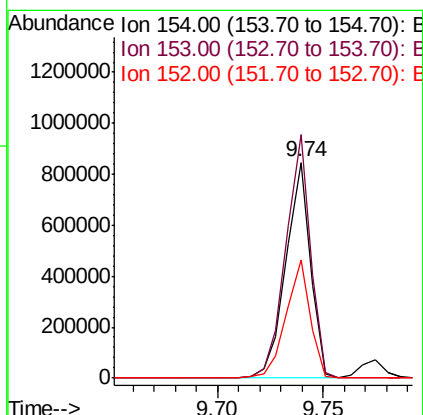
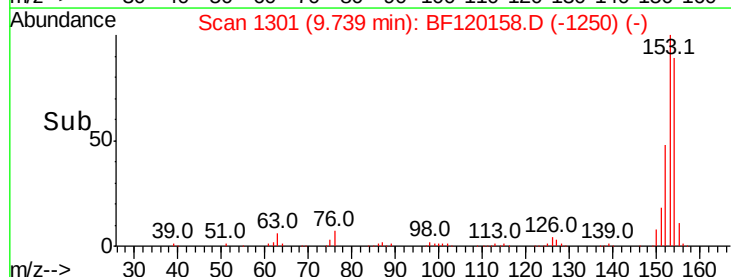
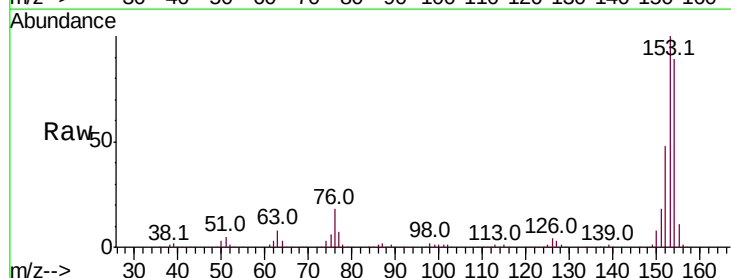
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

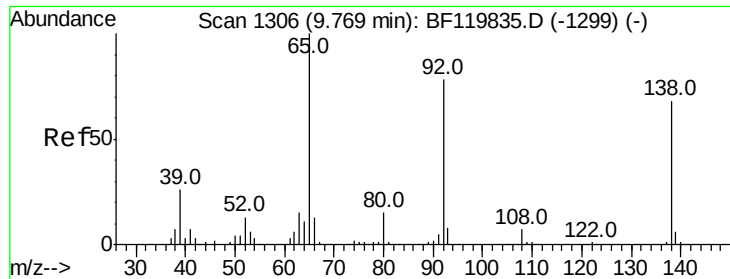
Tot Ion:165 Resp: 196227
 Ion Ratio Lower Upper
 165 100
 63 62.6 45.0 67.4
 89 56.1 41.5 62.3



#52
 Acenaphthene
 Concen: 36.622 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion:154 Resp: 694694
 Ion Ratio Lower Upper
 154 100
 153 113.0 88.1 132.1
 152 54.6 43.0 64.4





#53

3-Nitroaniline

Concen: 40.690 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

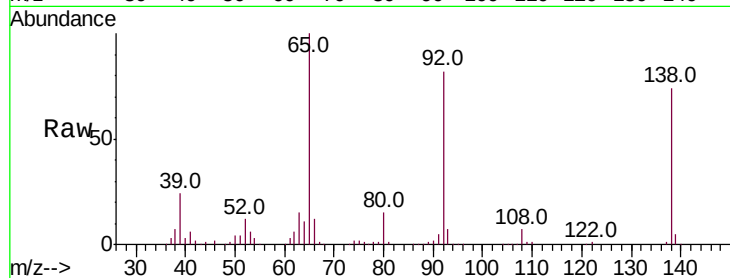
Tot Ion:138 Resp: 226360

Ion Ratio Lower Upper

138 100

108 9.3 8.6 13.0

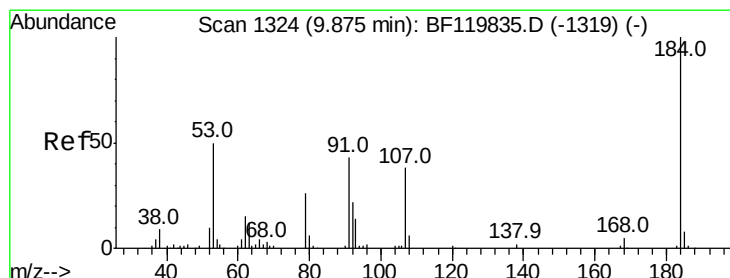
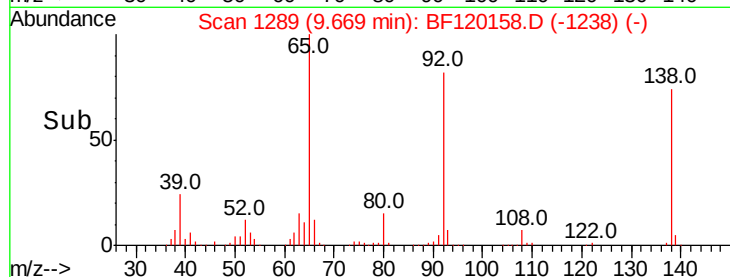
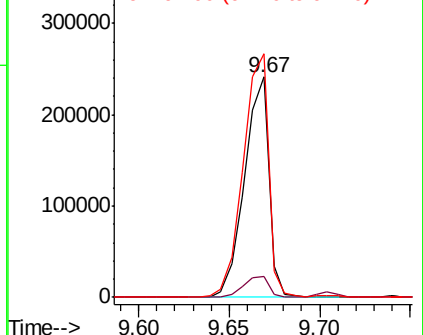
92 110.4 95.4 143.0



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: 34.611 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

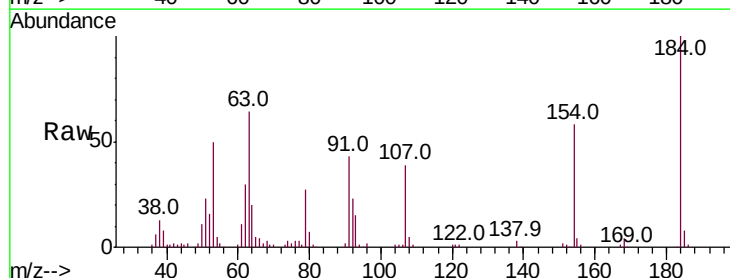
Tgt Ion:184 Resp: 100933

Ion Ratio Lower Upper

184 100

63 63.7 50.2 75.4

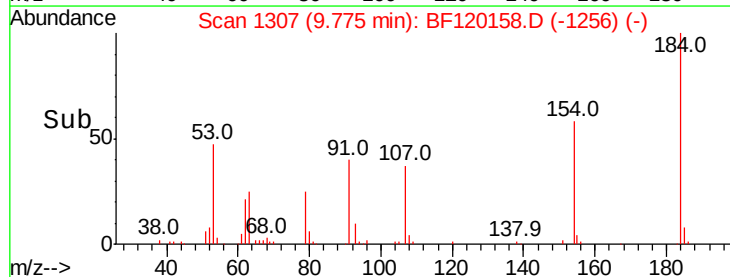
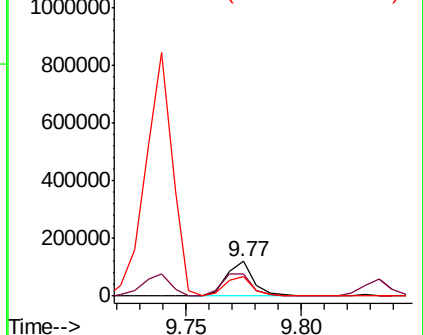
154 58.1 44.5 66.7

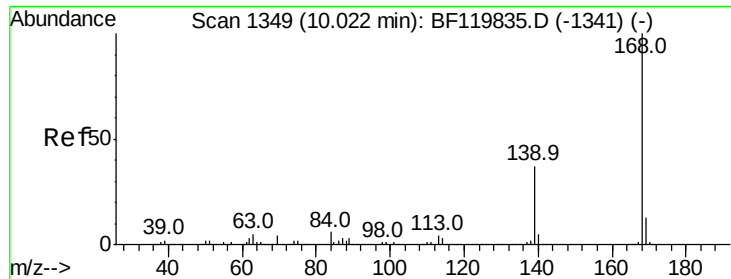


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

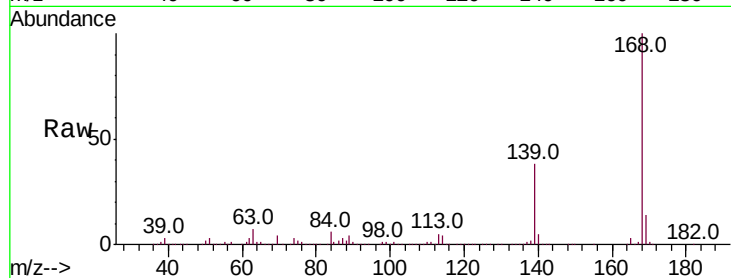




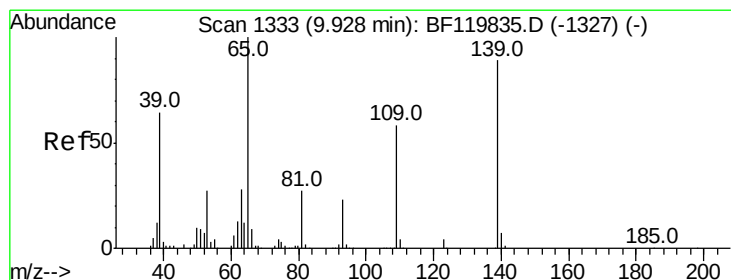
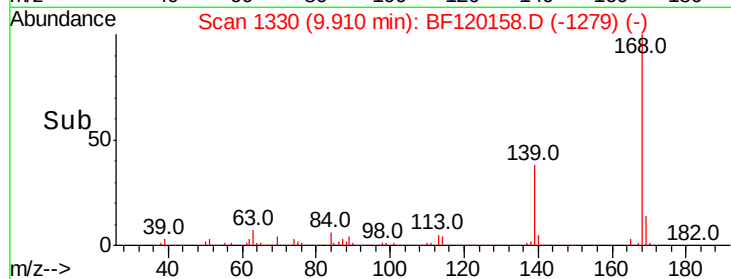
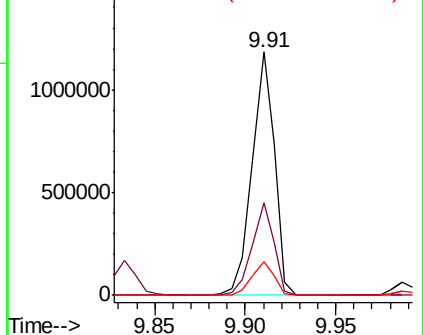
#55
Dibenzofuran
Concen: 38.855 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1011406
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 13.6 11.0 16.6

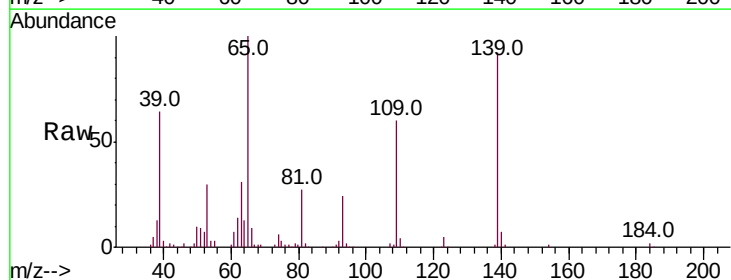


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

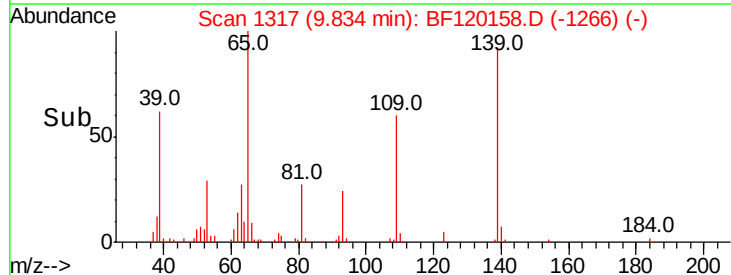
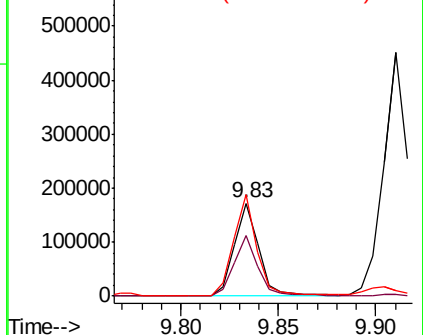


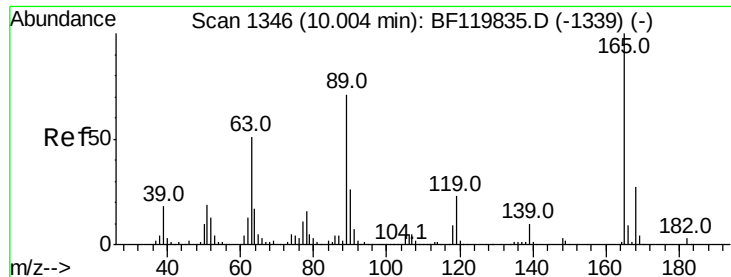
#56
4-Nitrophenol
Concen: 36.434 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:139 Resp: 150808
Ion Ratio Lower Upper
139 100
109 65.1 43.3 83.3
65 108.6 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

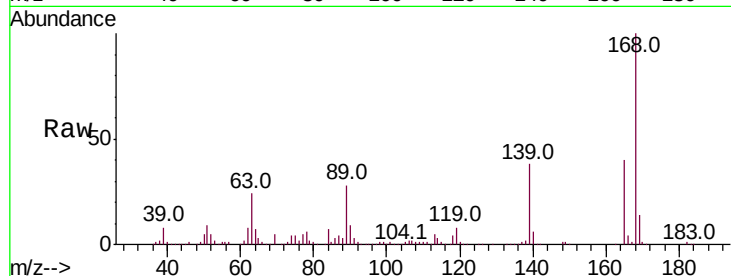




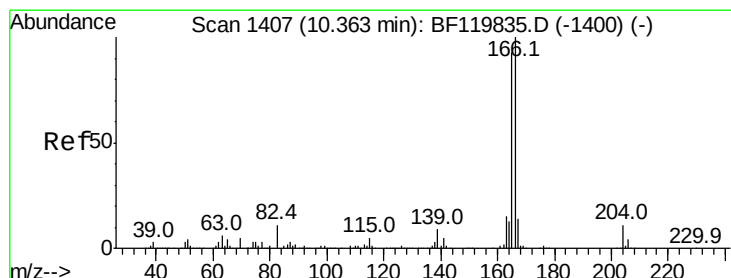
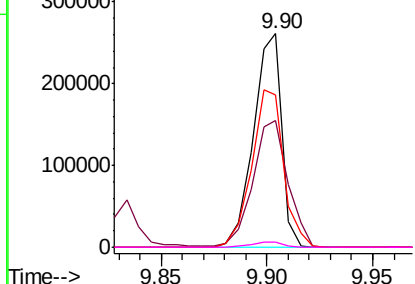
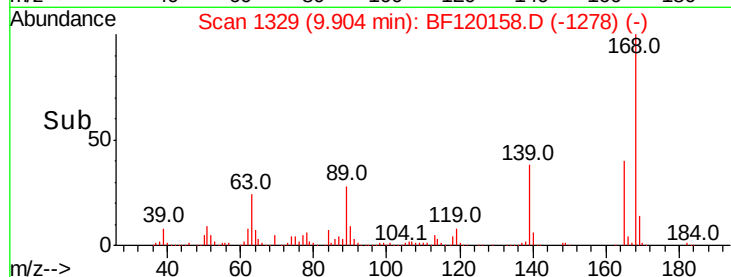
#57
 2,4-Dinitrotoluene
 Concen: 37.813 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	242668
Ion	Ratio	Lower	Upper
165	100		
63	59.1	42.6	64.0
89	71.2	61.0	91.4
182	2.5	2.2	3.2

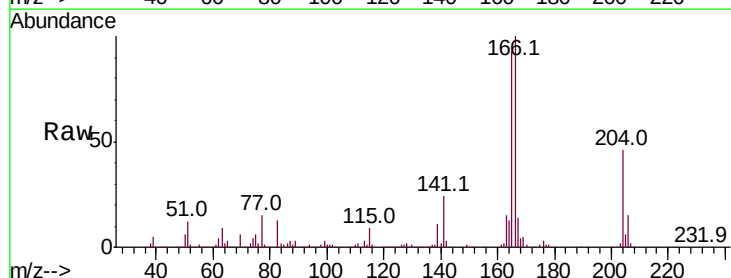


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

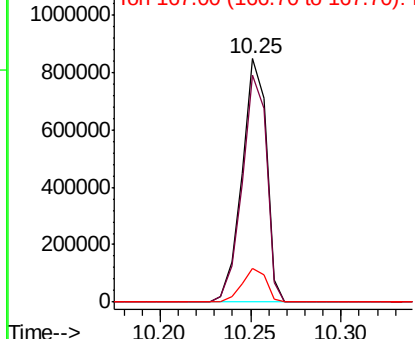
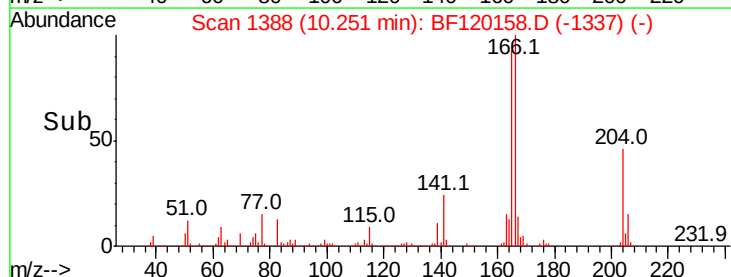


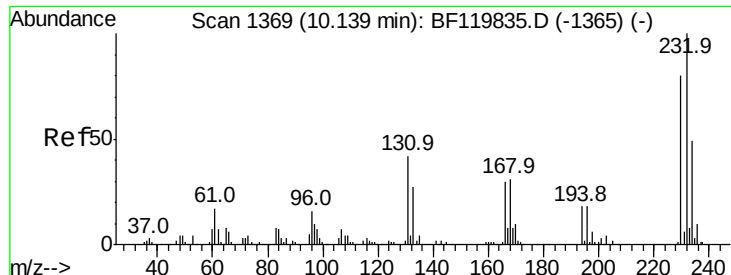
#58
 Fluorene
 Concen: 38.105 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion:	166	Resp:	793271
Ion	Ratio	Lower	Upper
166	100		
165	93.5	75.4	113.2
167	13.9	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

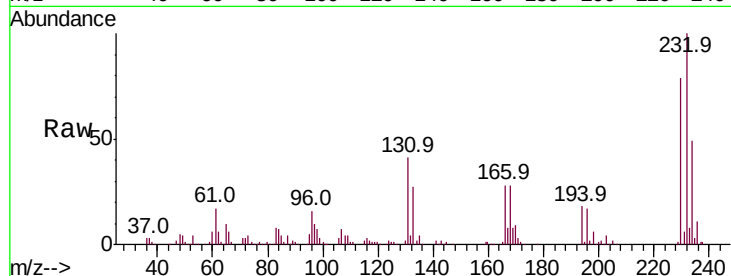




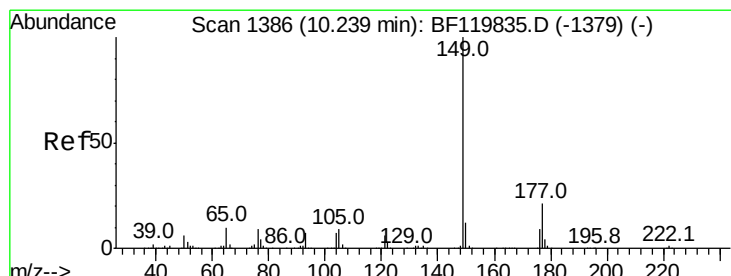
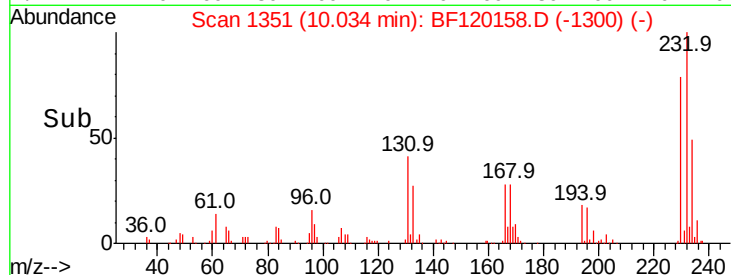
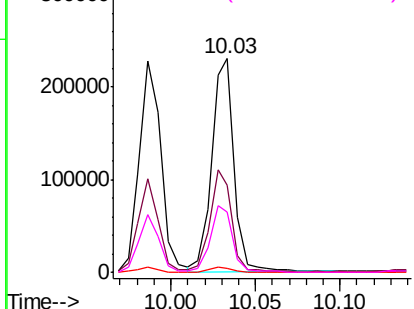
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.324 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	212458
Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.5	56.3
130	2.2	1.8	2.6
166	32.1	24.6	36.8

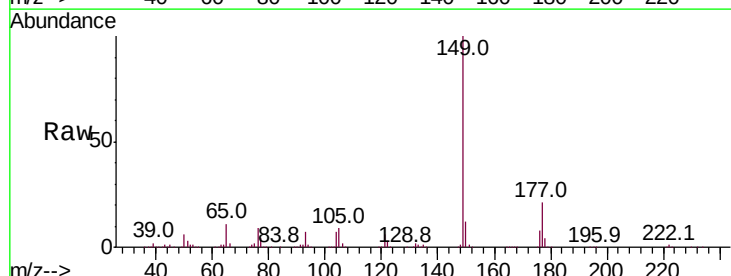


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

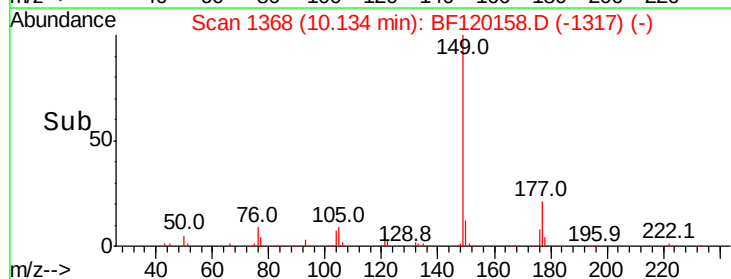
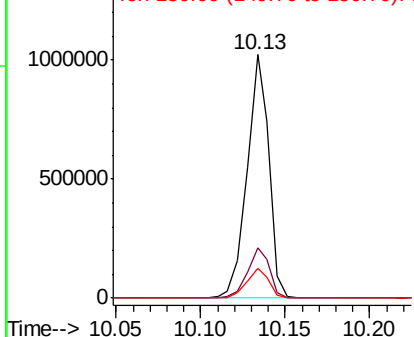


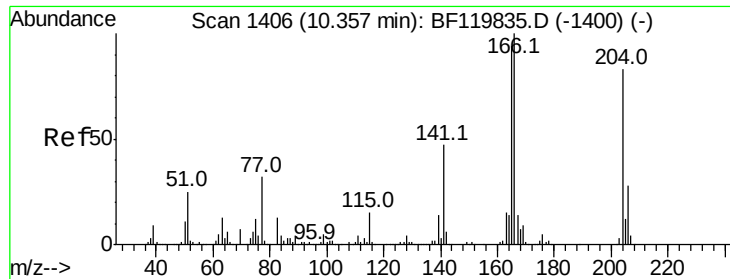
#60
 Diethylphthalate
 Concen: 39.985 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion:	149	Resp:	921811
Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.6
150	12.5	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

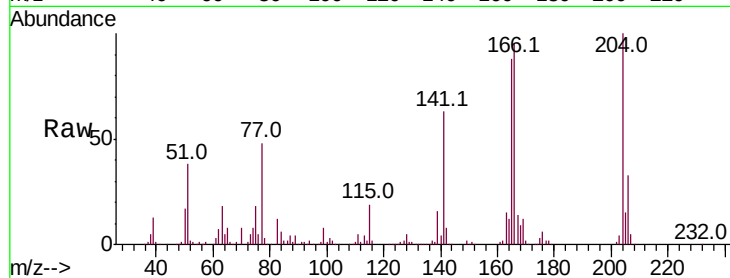




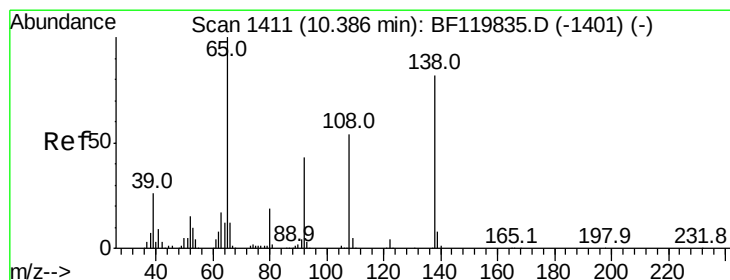
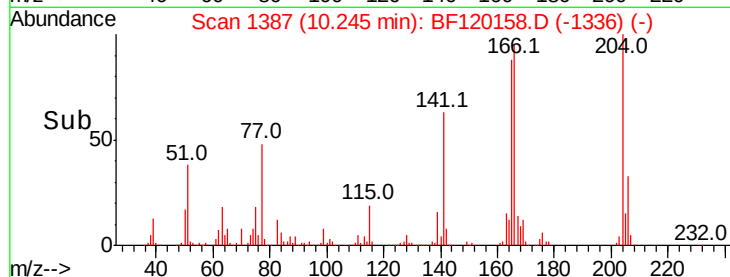
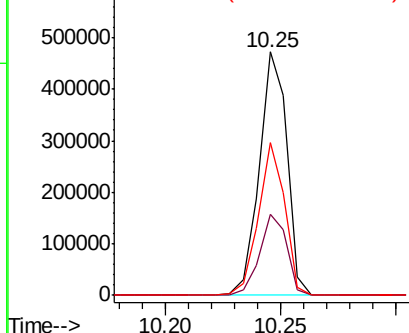
#61
4-Chlorophenyl-phenylether
Concen: 37.008 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 394875
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 62.7 47.3 70.9

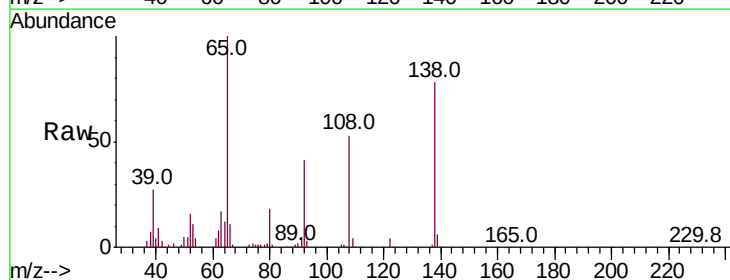


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

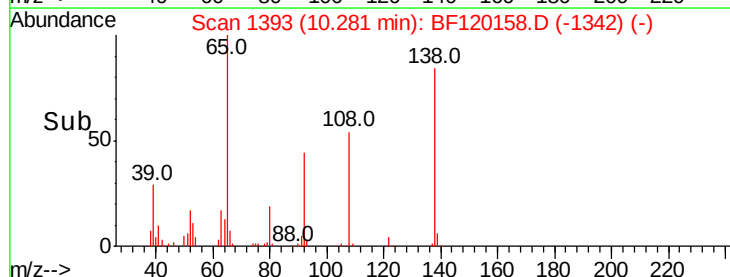
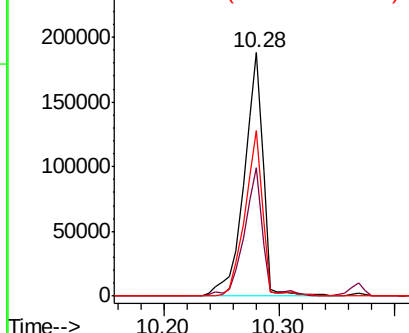


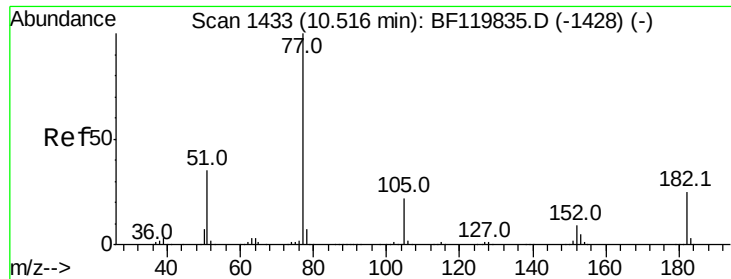
#62
4-Nitroaniline
Concen: 40.064 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:138 Resp: 212405
Ion Ratio Lower Upper
138 100
92 52.7 31.5 71.5
108 67.9 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: 39.758 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 821421

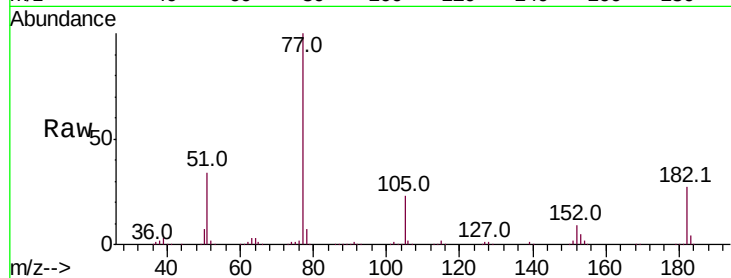
Ion Ratio Lower Upper

77 100

182 26.8 4.4 44.4

105 22.6 2.6 42.6

51 33.9 15.1 55.1

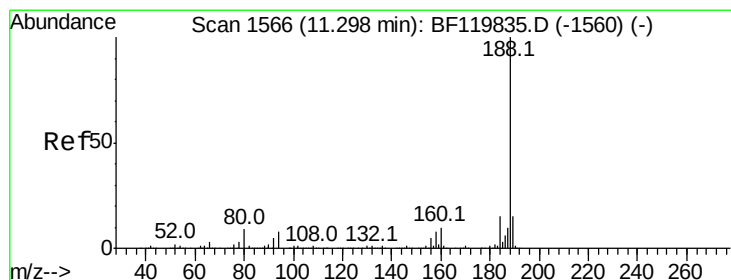
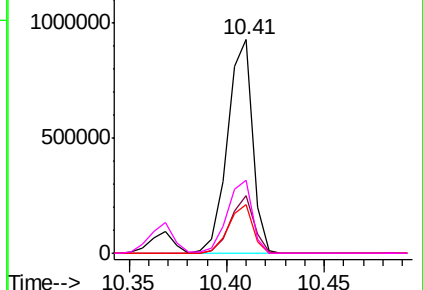
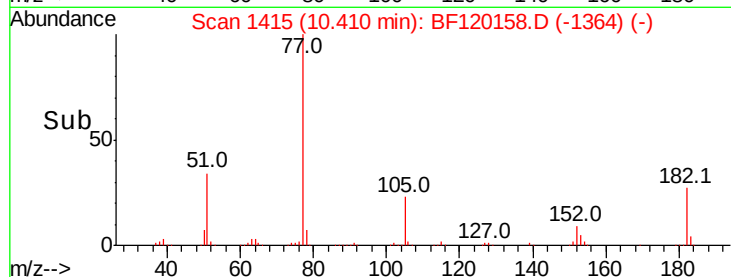


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1547

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

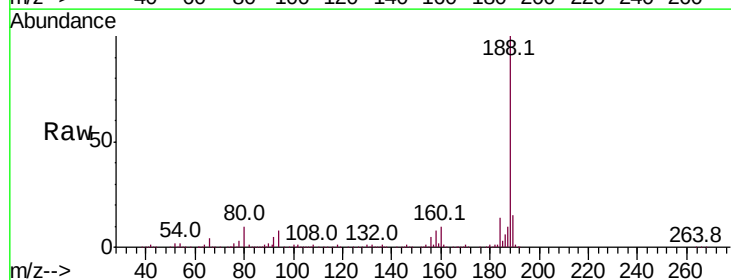
Tgt Ion: 188 Resp: 566606

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

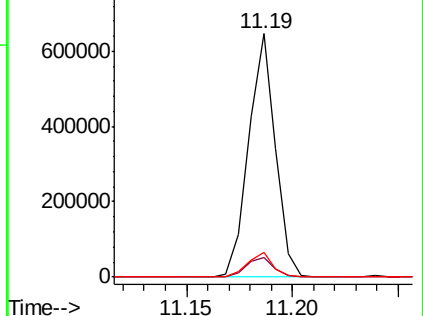
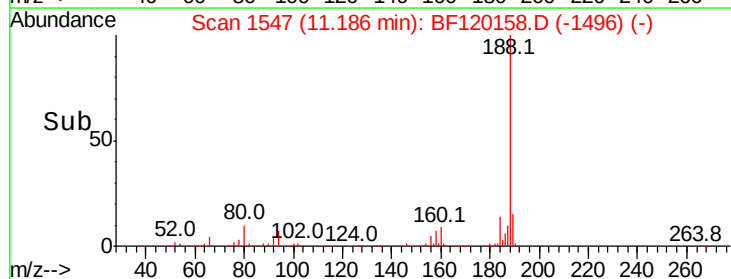
80 9.9 9.0 13.4

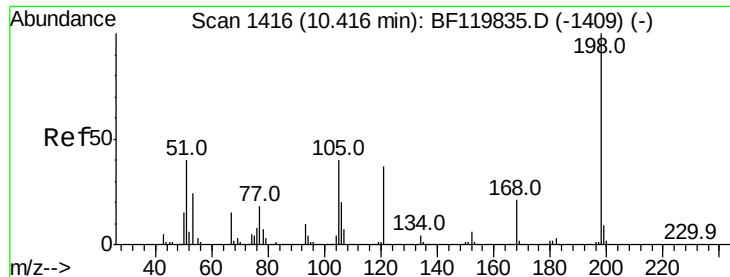


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

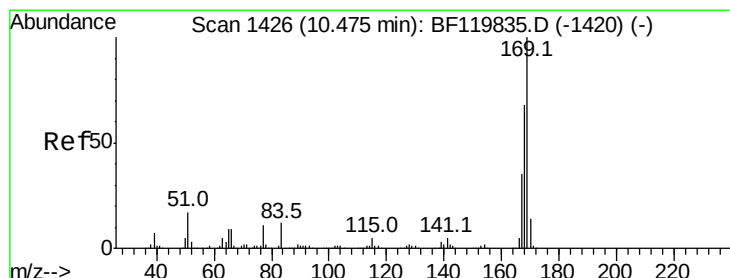
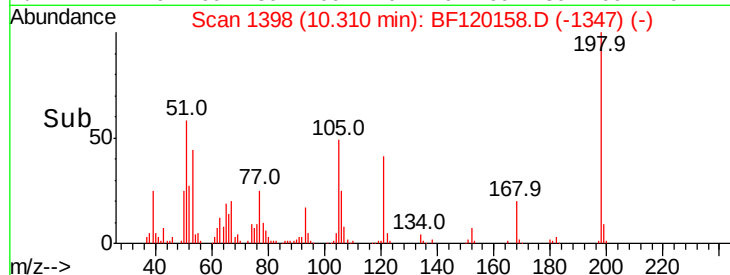
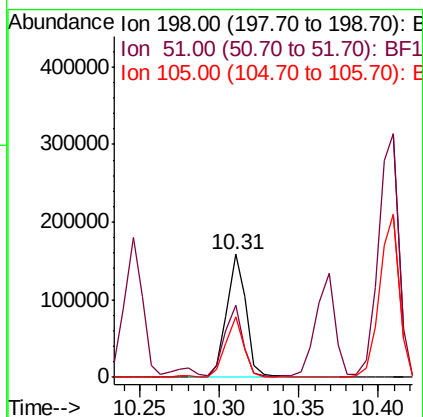
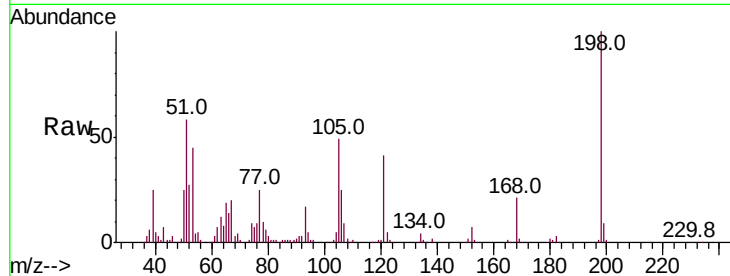




#65
4,6-Dinitro-2-methylphenol
Concen: 36.294 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

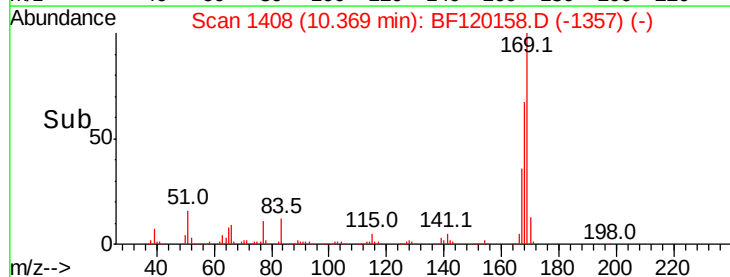
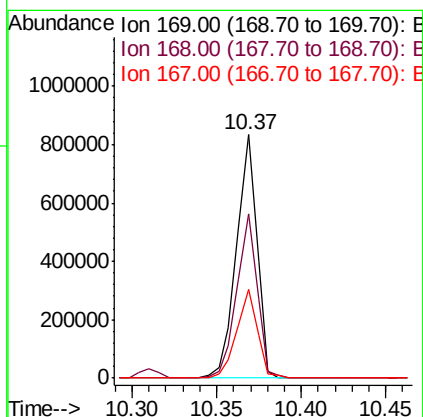
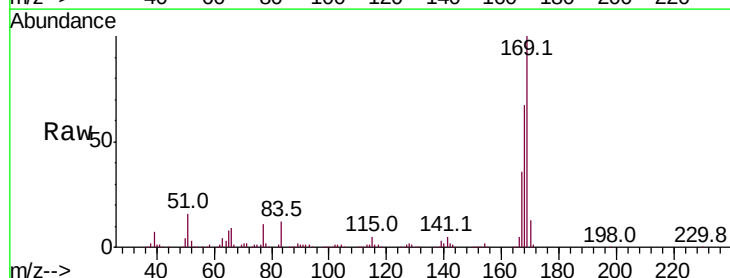
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

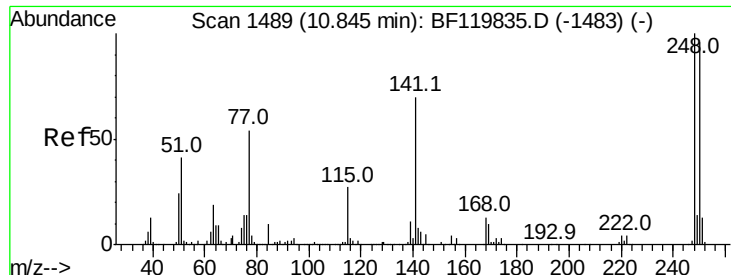
Tot Ion:198 Resp: 135480
Ion Ratio Lower Upper
198 100
51 58.2 29.0 69.0
105 48.8 22.2 62.2



#66
n-Nitrosodiphenylamine
Concen: 37.402 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:169 Resp: 704787
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.3 29.1 43.7

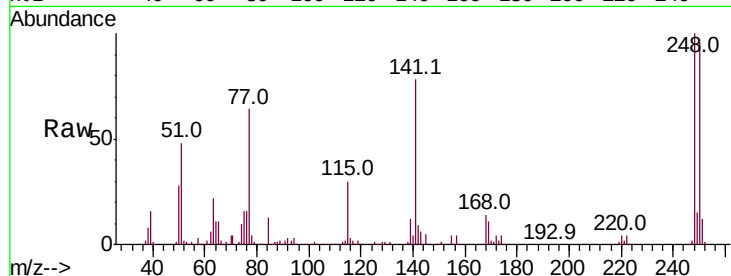




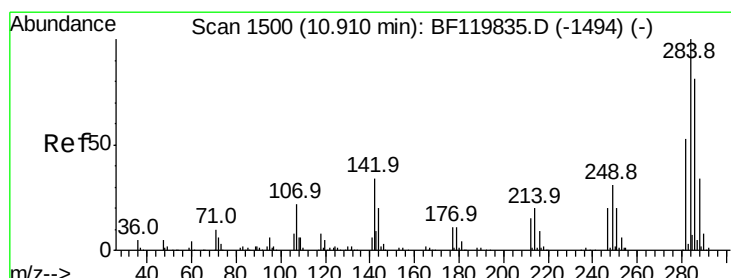
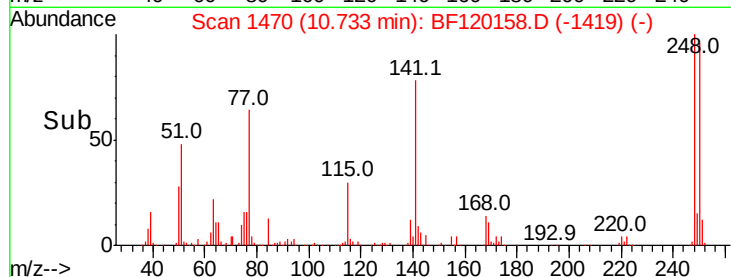
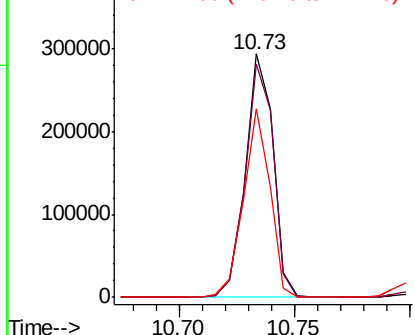
#67
4-Bromophenyl-phenylether
Concen: 35.085 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 247223
Ion Ratio Lower Upper
248 100
250 95.6 77.3 115.9
141 77.6 58.6 87.8

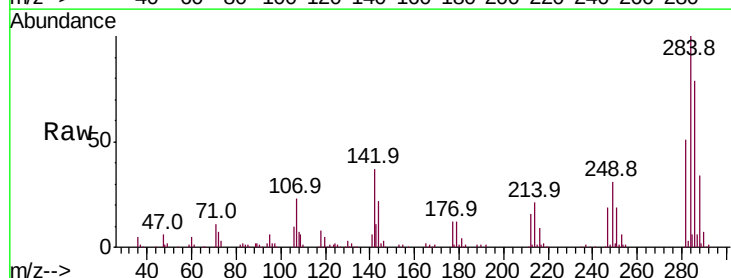


Abundance Ion 248.00 (247.70 to 248.70): E
400000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

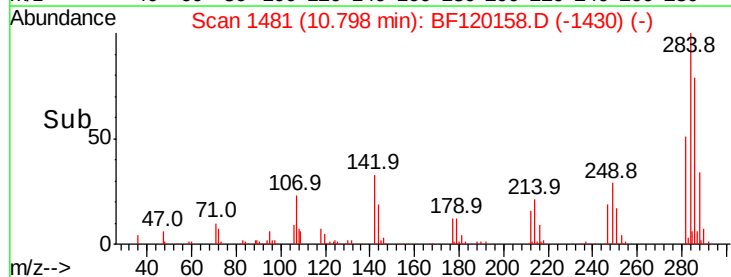
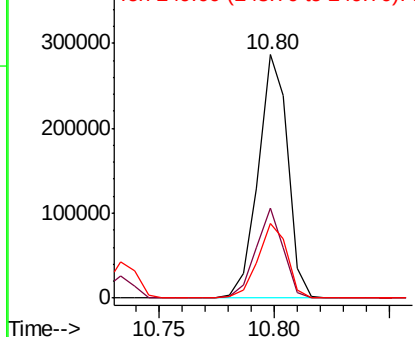


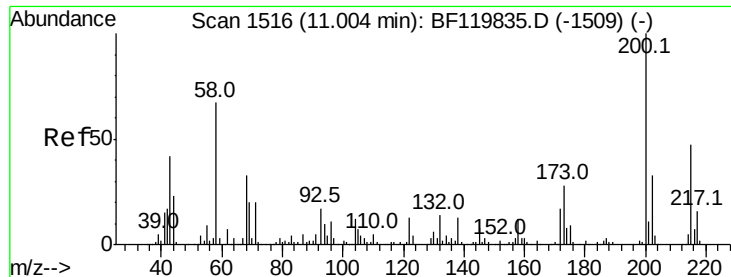
#68
Hexachlorobenzene
Concen: 35.742 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:284 Resp: 255490
Ion Ratio Lower Upper
284 100
142 37.0 29.2 43.8
249 30.6 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
400000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.535 ng

RT: 10.90 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

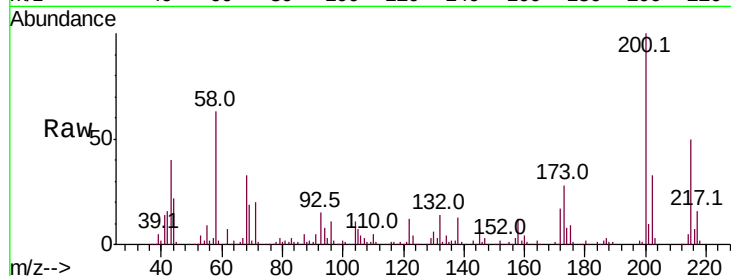
Tot Ion:200 Resp: 207277

Ion Ratio Lower Upper

200 100

173 28.0 9.3 49.3

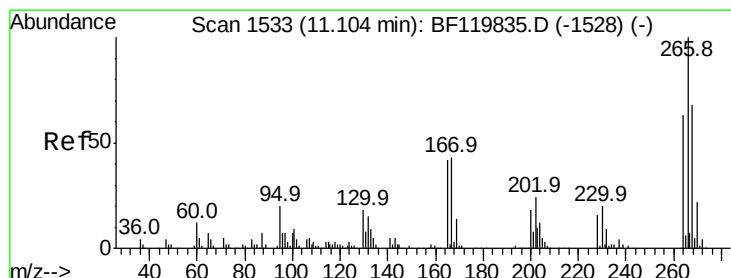
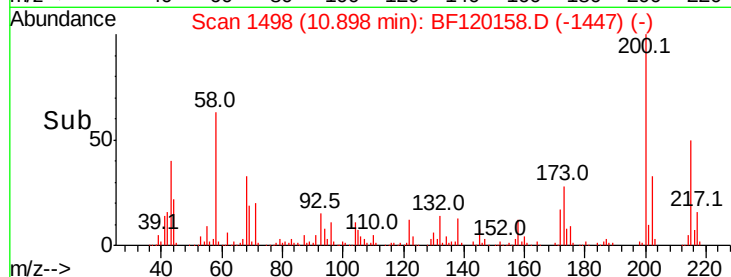
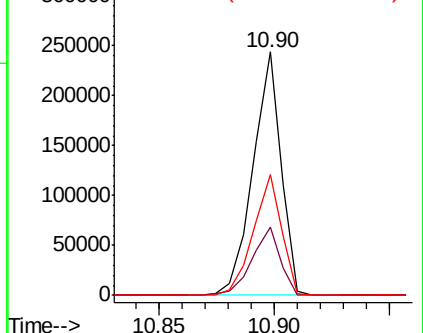
215 49.7 29.5 69.5



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: 32.950 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

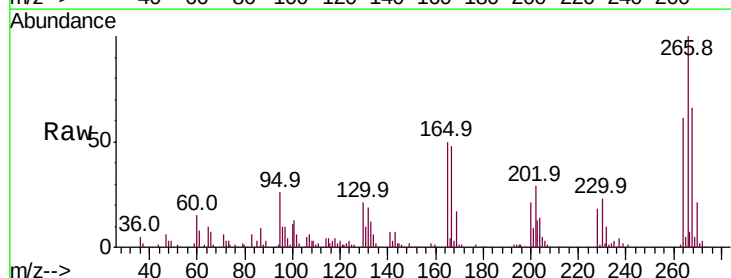
Tgt Ion:266 Resp: 135733

Ion Ratio Lower Upper

266 100

268 66.2 53.3 79.9

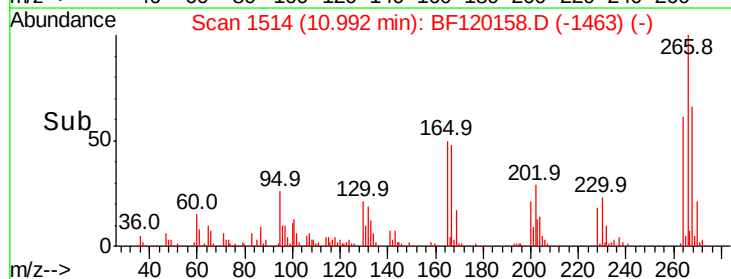
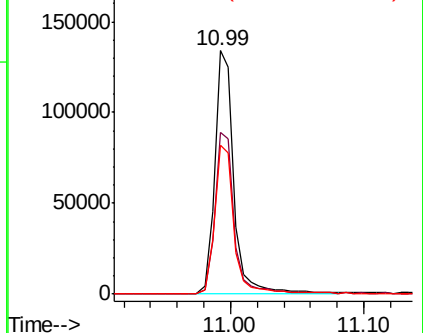
264 61.1 49.0 73.4

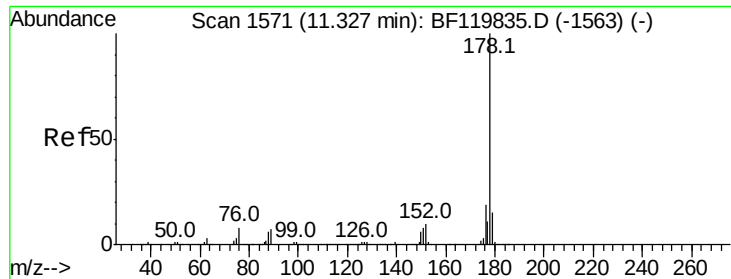


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.344 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

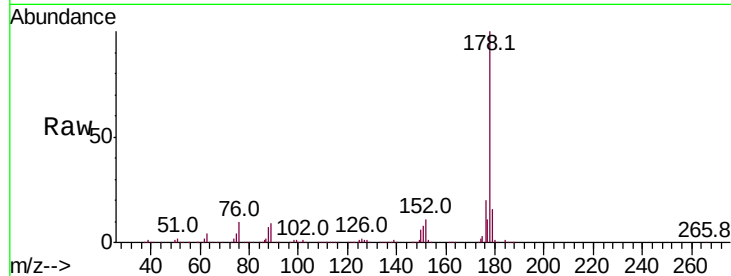
Tot Ion:178 Resp: 1216600

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

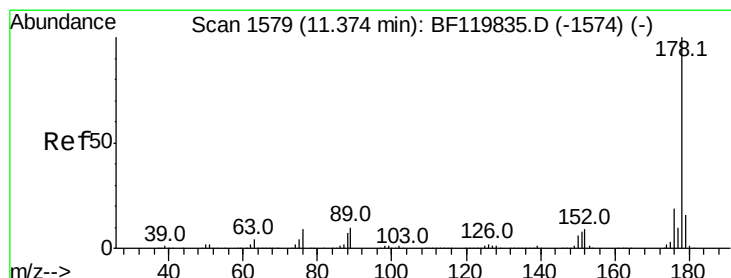
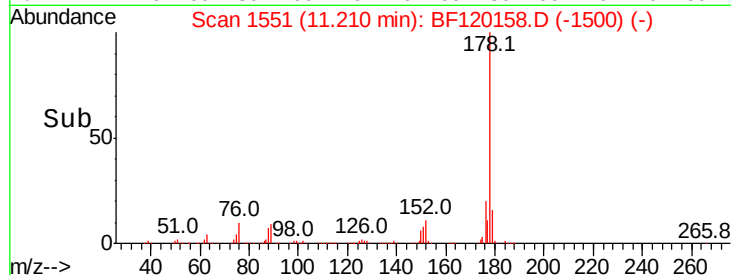
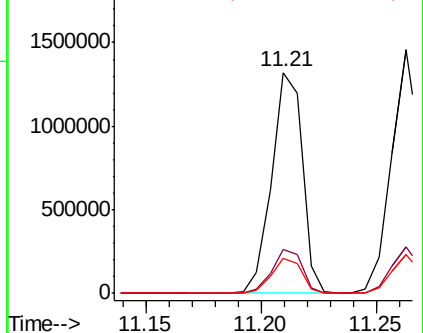
179 15.7 13.2 19.8



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: 40.848 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

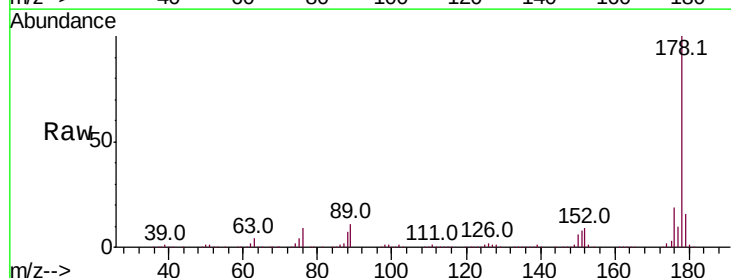
Tgt Ion:178 Resp: 1258328

Ion Ratio Lower Upper

178 100

176 19.1 16.1 24.1

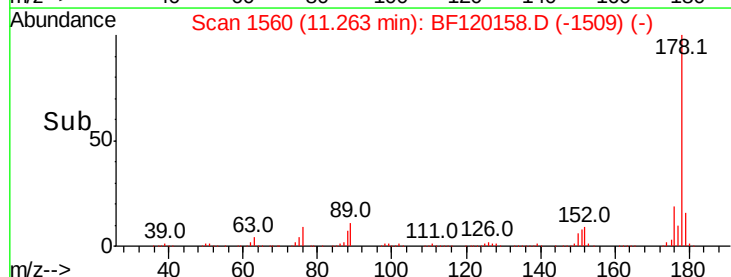
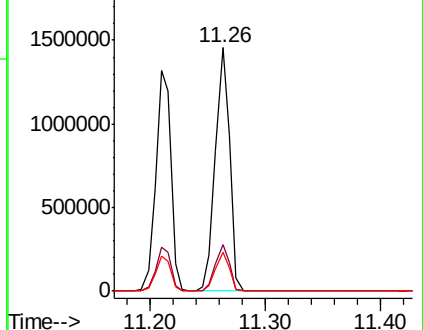
179 15.8 13.0 19.4

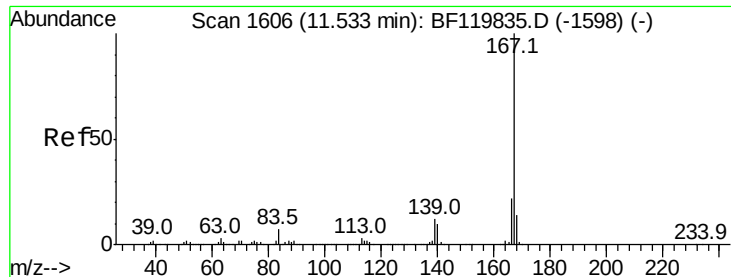


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

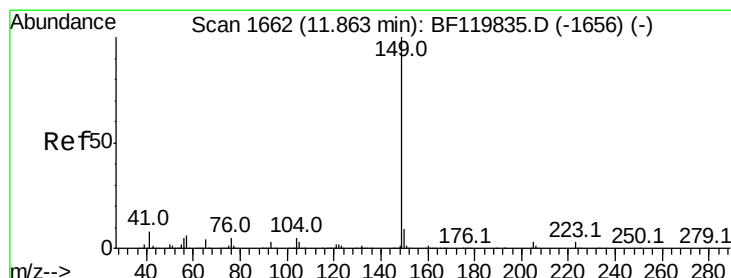
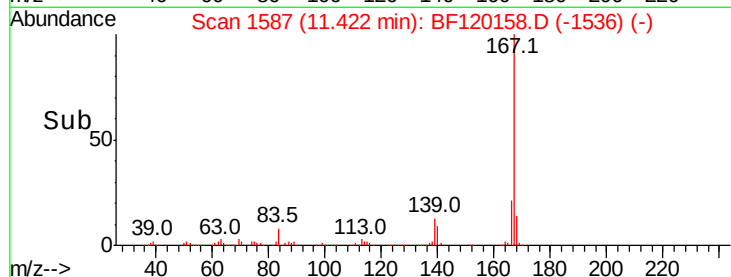
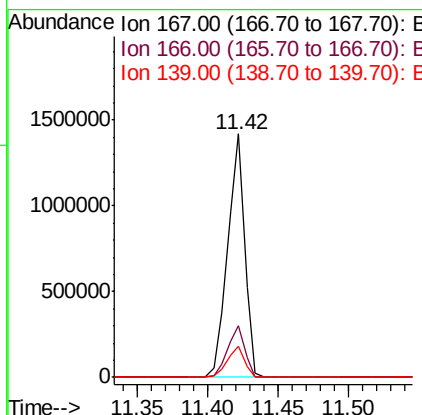
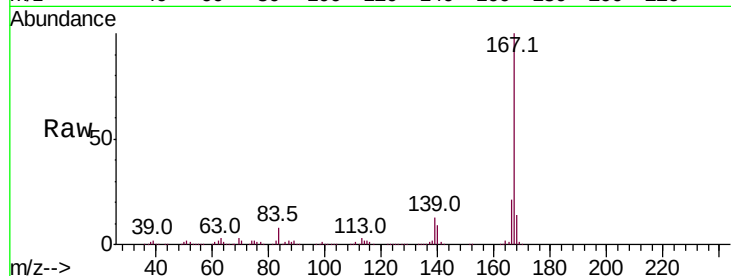




#73
 Carbazole
 Concen: 40.942 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

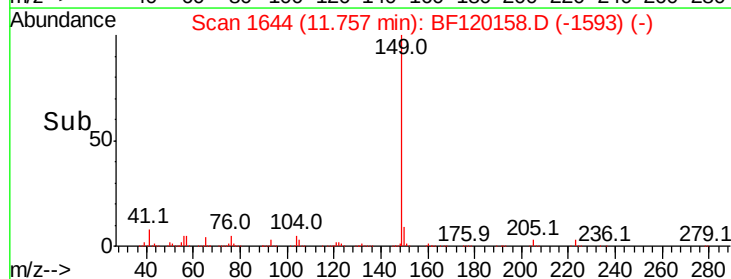
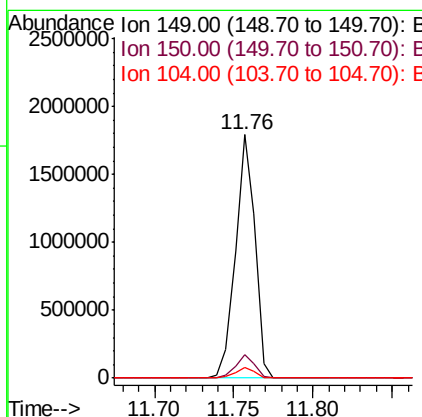
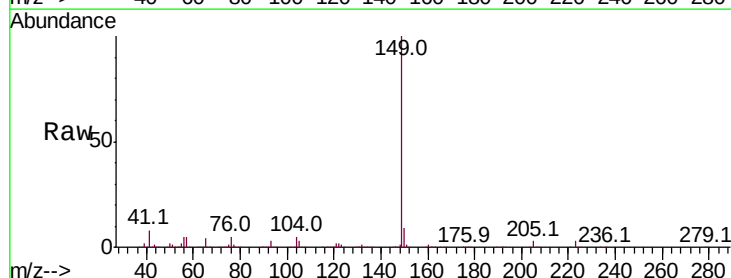
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

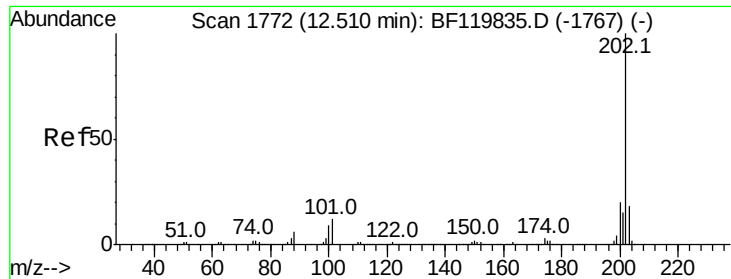
Tot Ion:167 Resp: 1192726
 Ion Ratio Lower Upper
 167 100
 166 21.3 18.2 27.4
 139 12.7 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 39.381 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF120158.D
 Acq: 23 Apr 2020 12:54

Tgt Ion:149 Resp: 1508152
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 40.666 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

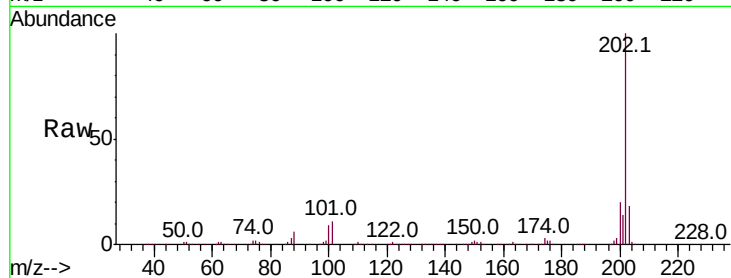
Tot Ion:202 Resp: 1323153

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.2

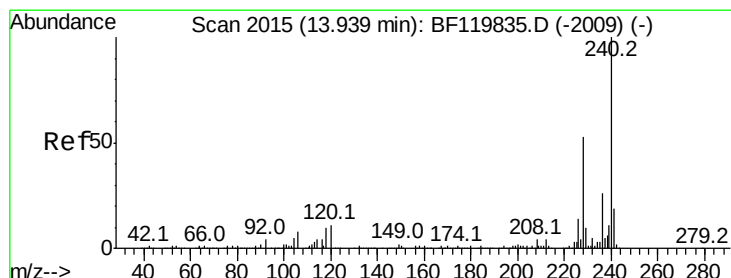
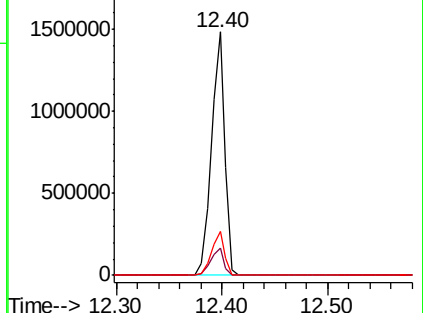
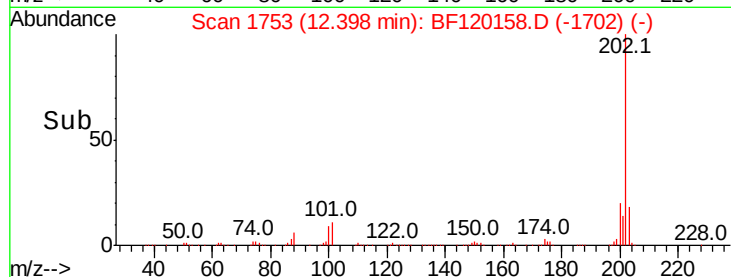
203 18.1 0.0 38.8



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: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

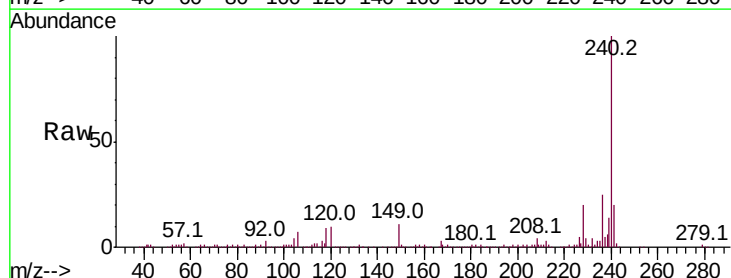
Tgt Ion:240 Resp: 415501

Ion Ratio Lower Upper

240 100

120 10.4 10.6 15.8#

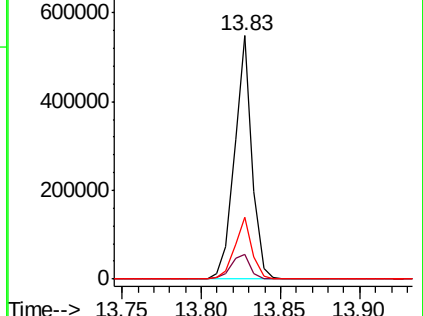
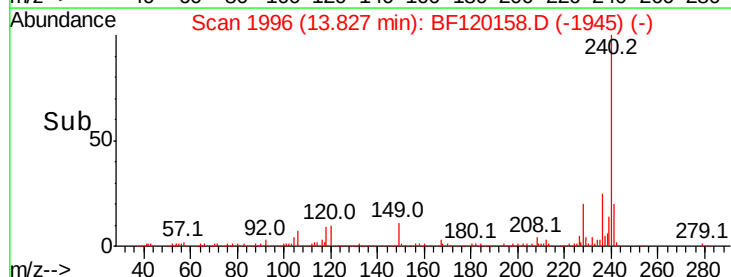
236 25.3 20.2 30.2

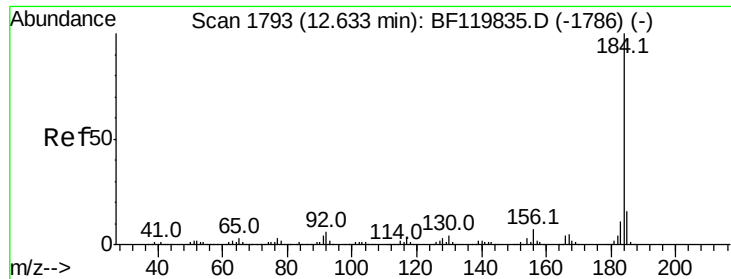


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.343 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

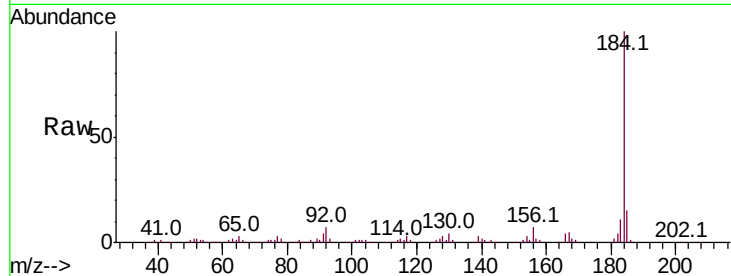
Tot Ion:184 Resp: 482353

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

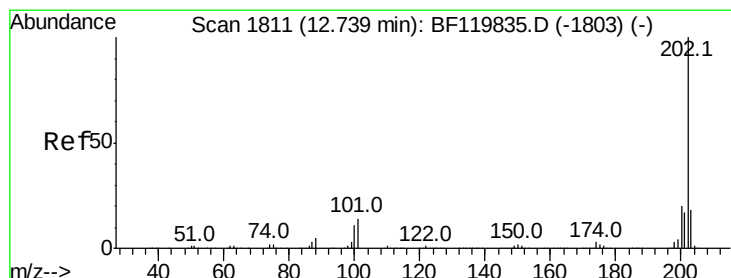
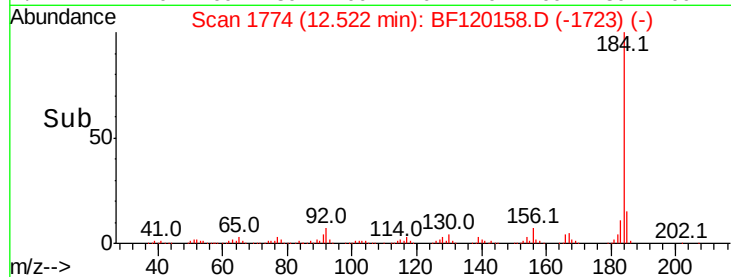
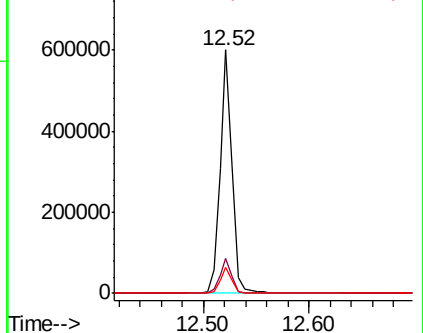
183 10.7 9.0 13.6



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: 38.453 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

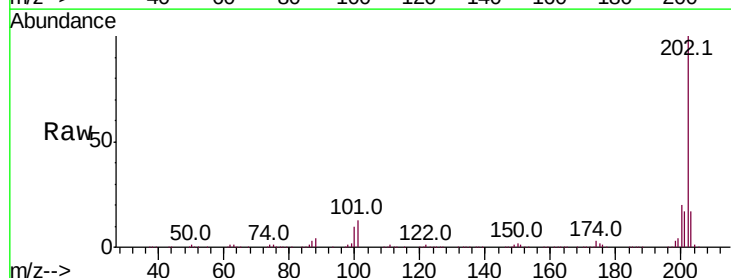
Tgt Ion:202 Resp: 1346899

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

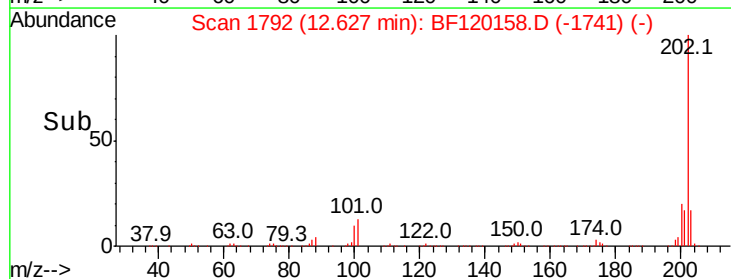
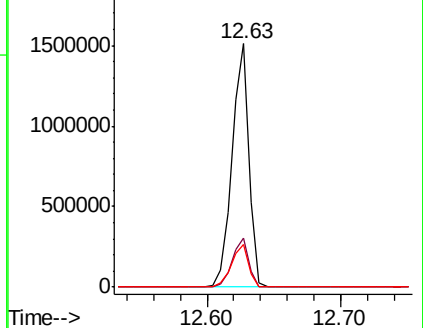
203 17.3 15.1 22.7

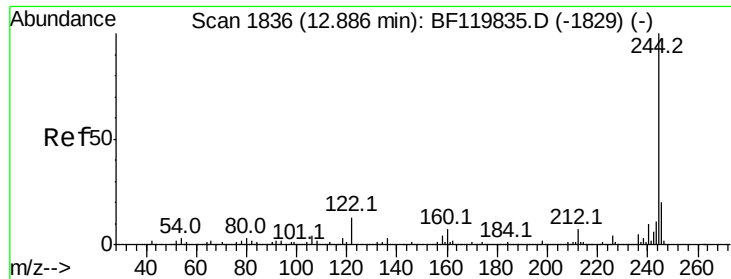


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.056 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

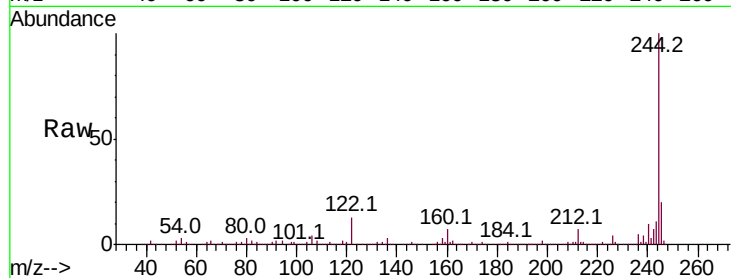
Tot Ion:244 Resp: 1803980

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

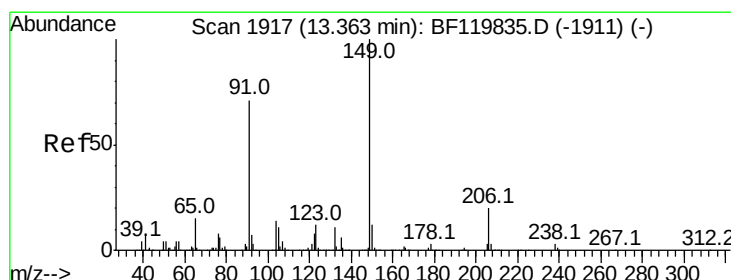
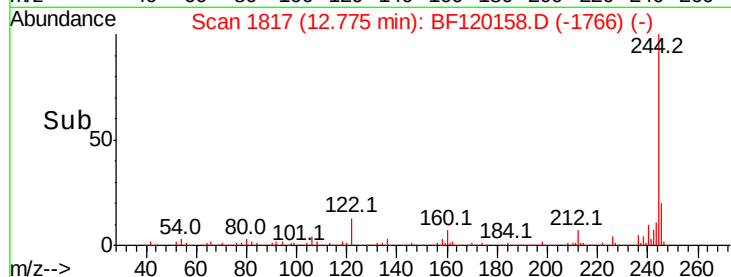
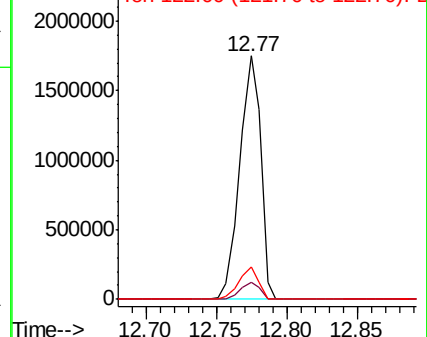
122 13.3 10.3 15.5



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: 36.941 ng

RT: 13.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

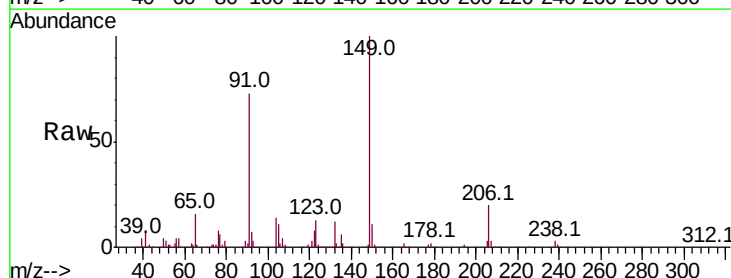
Tgt Ion:149 Resp: 627869

Ion Ratio Lower Upper

149 100

91 72.8 54.7 82.1

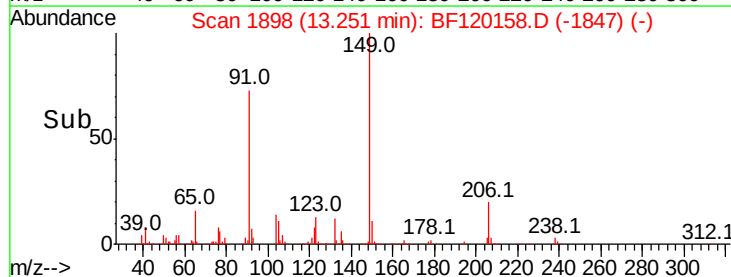
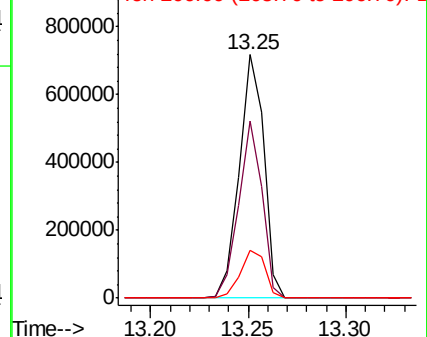
206 19.5 16.2 24.2

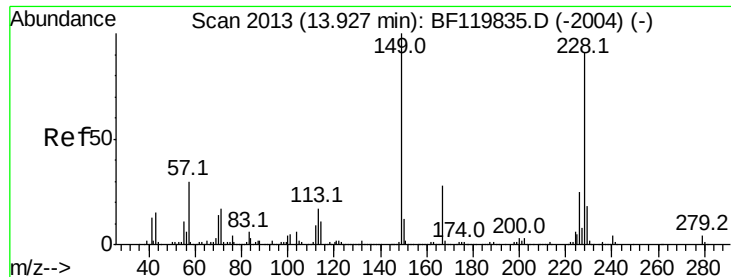


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.312 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

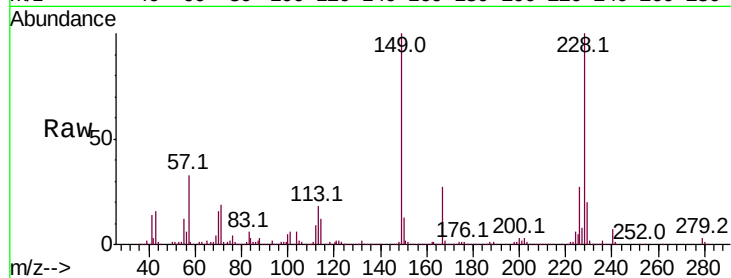
Tot Ion:228 Resp: 1101900

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

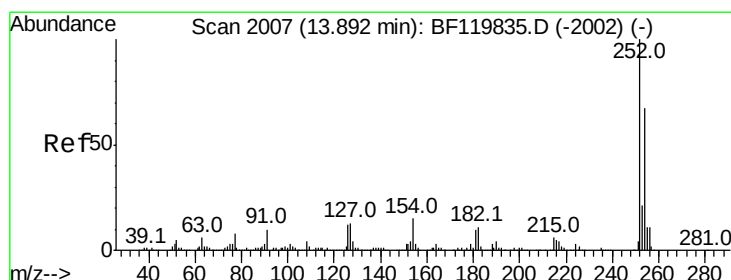
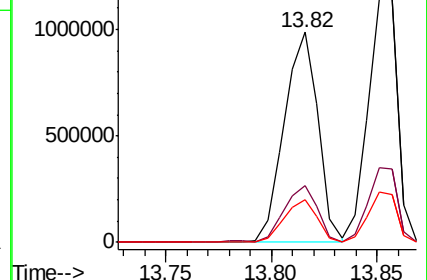
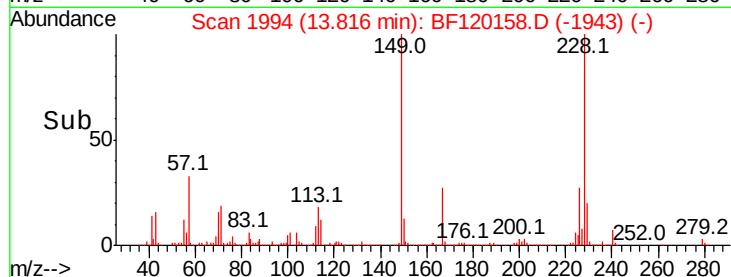
229 20.1 16.2 24.4



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: 40.252 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

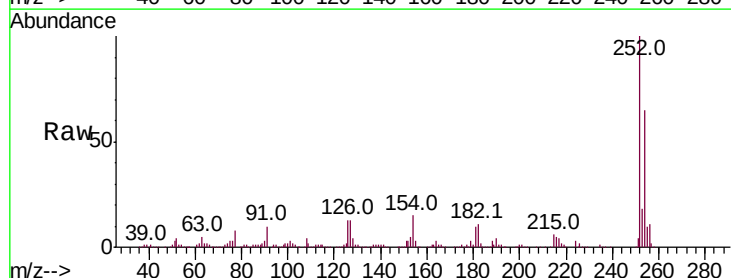
Tgt Ion:252 Resp: 410533

Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

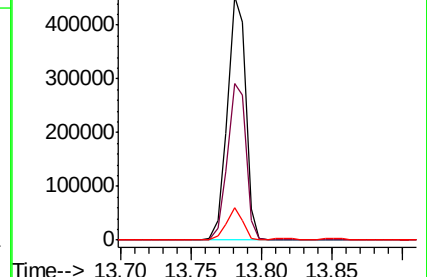
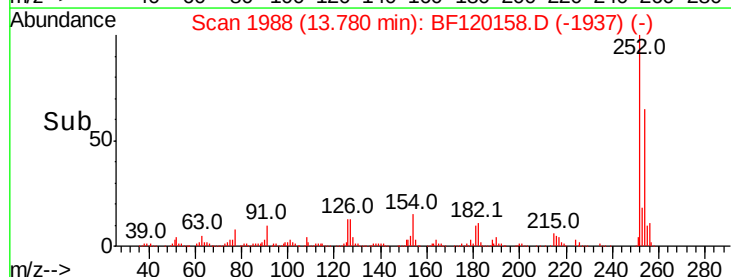
126 13.1 9.6 14.4

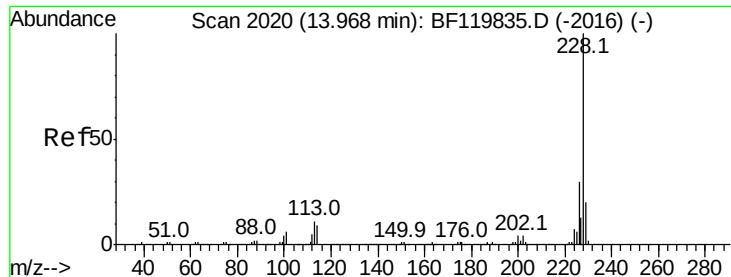


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.448 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

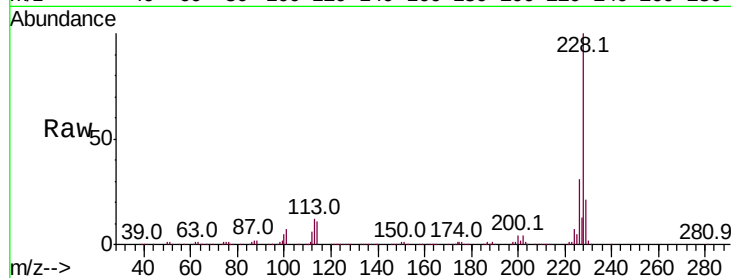
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1123398

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.7	16.6	24.8

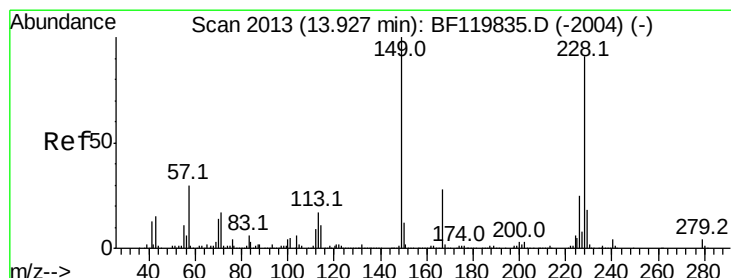
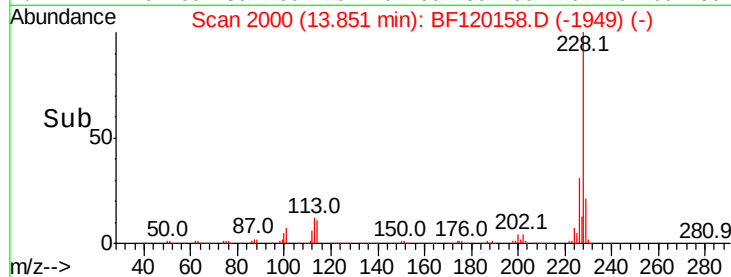
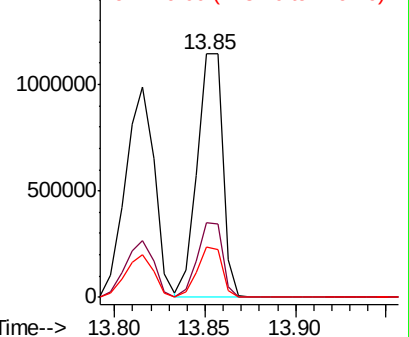


Abundance

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: 36.758 ng

RT: 13.82 min Scan# 1994

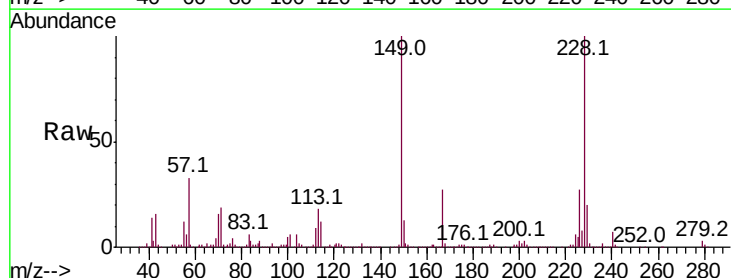
Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Tgt Ion:149 Resp: 846060

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.3	2.7	4.1

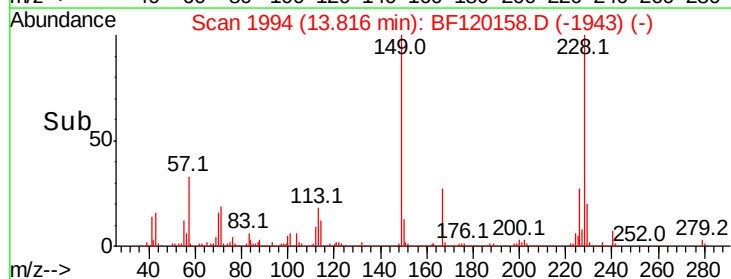
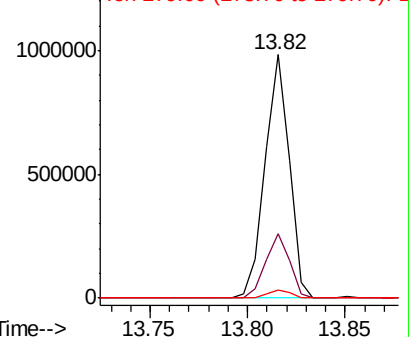


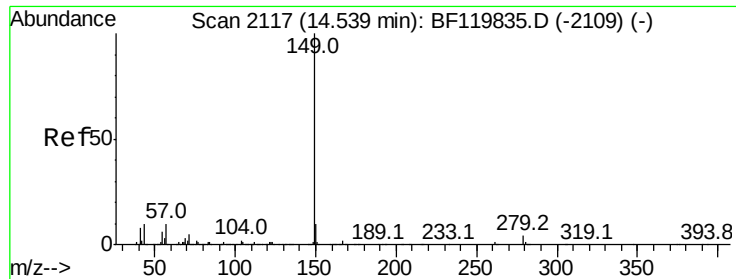
Abundance

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: 37.820 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

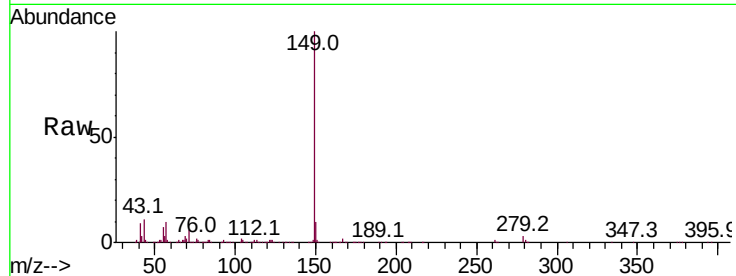
Tot Ion:149 Resp: 1482165

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

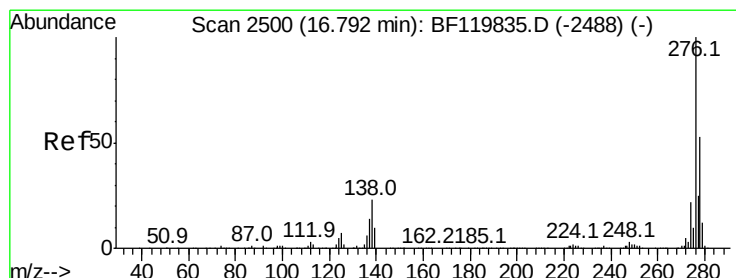
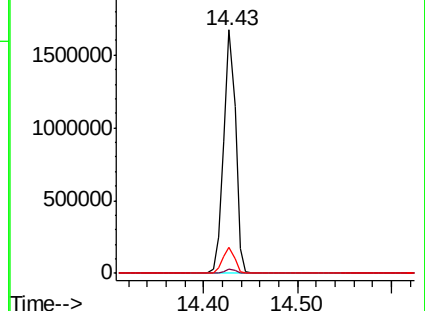
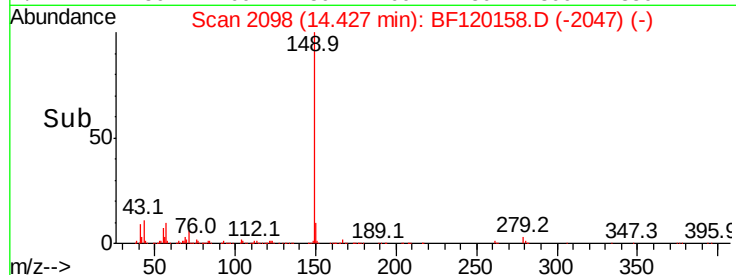
43 11.0 9.3 13.9



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: 37.327 ng

RT: 16.58 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BF120158.D

Acq: 23 Apr 2020 12:54

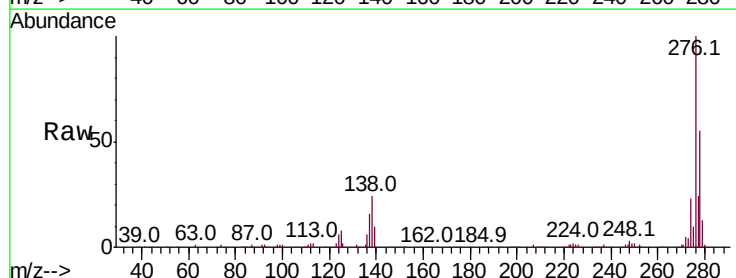
Tgt Ion:276 Resp: 913850

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

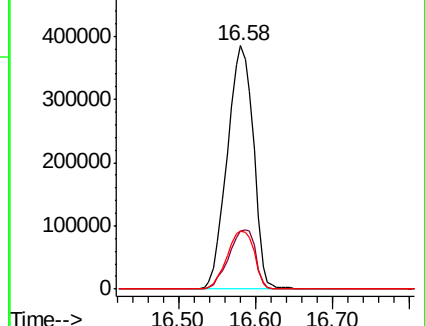
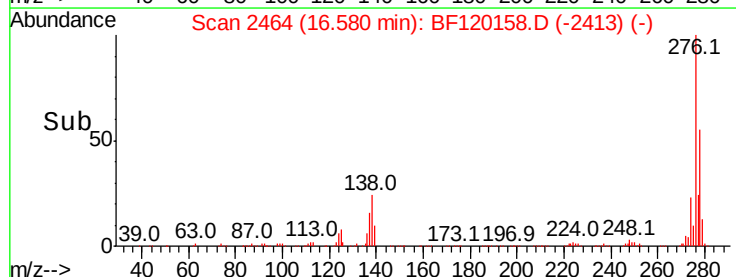
277 24.9 20.0 30.0

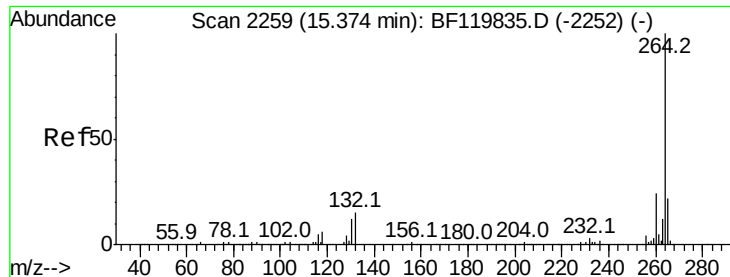


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

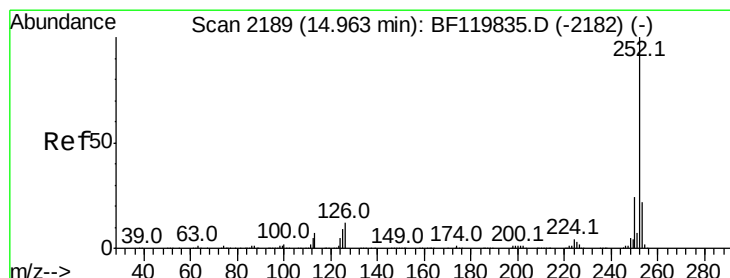
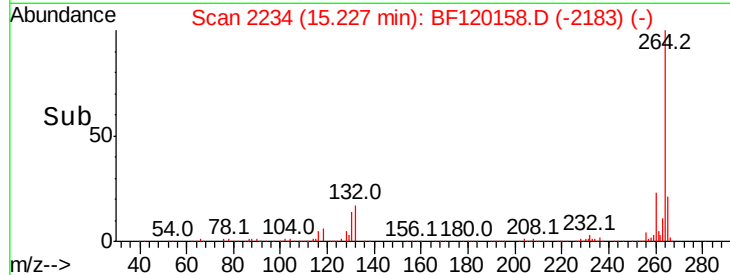
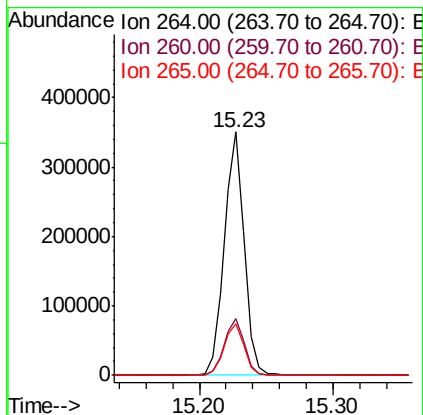
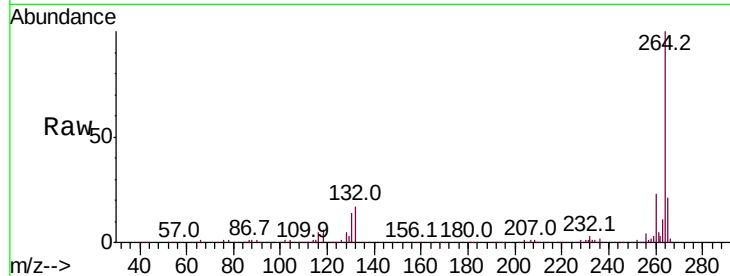




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

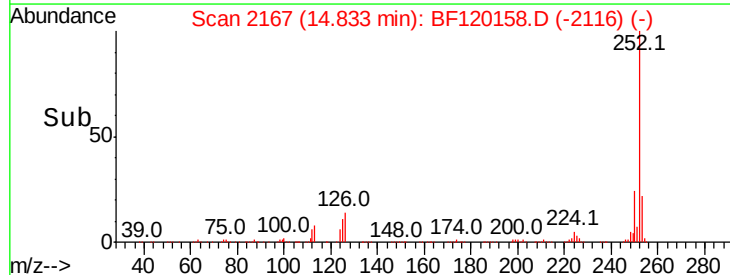
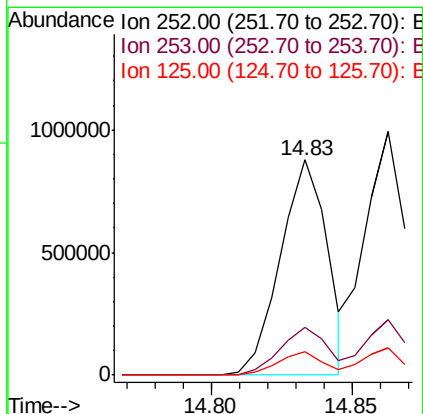
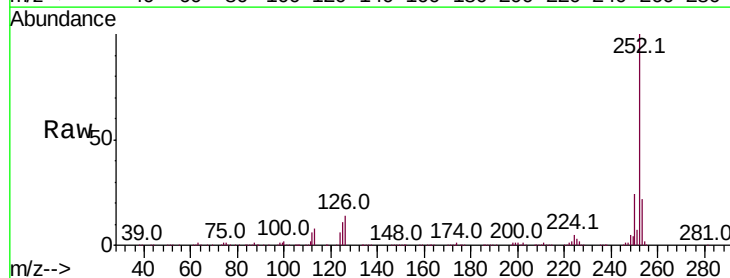
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

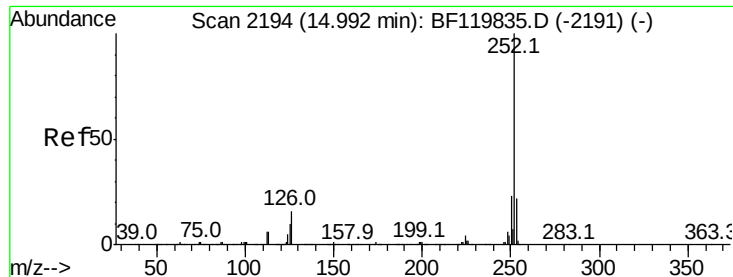
Tot Ion:264 Resp: 370610
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.025 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion:252 Resp: 1013779
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.9 7.9 11.9

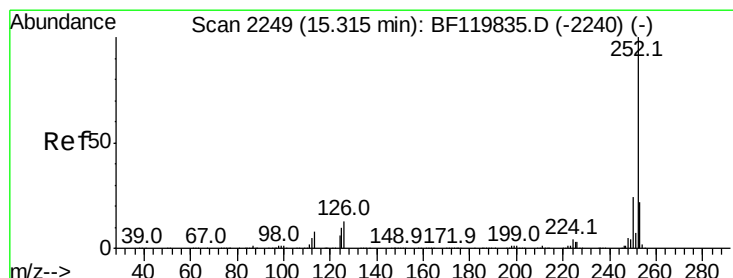
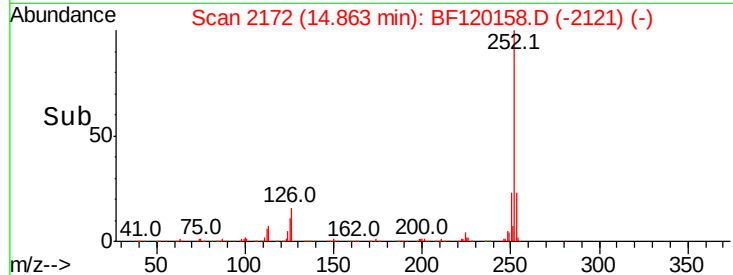
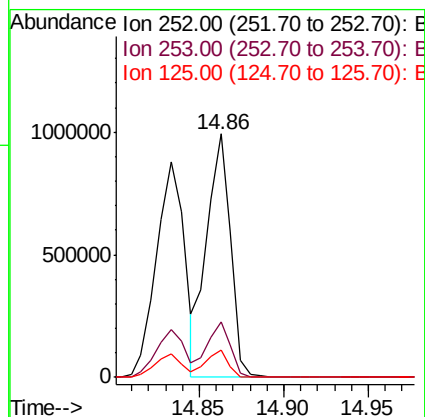
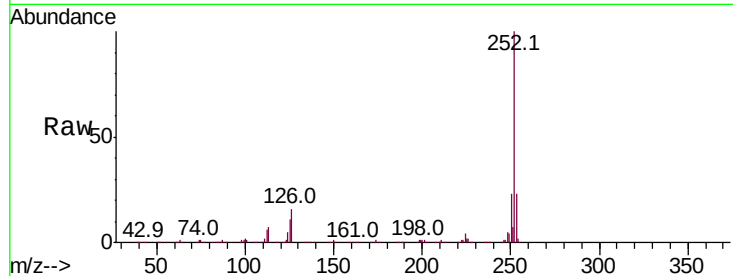




#89
Benzo(k)fluoranthene
Concen: 42.487 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

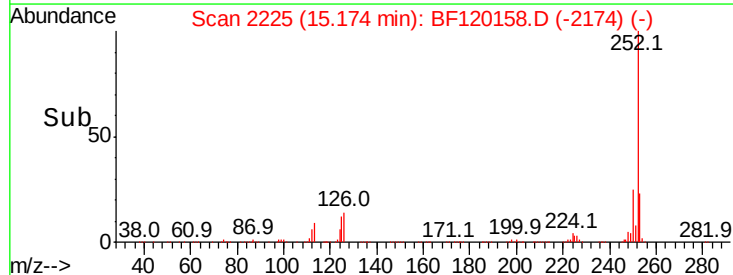
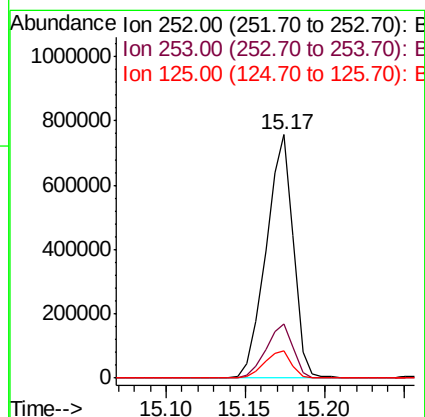
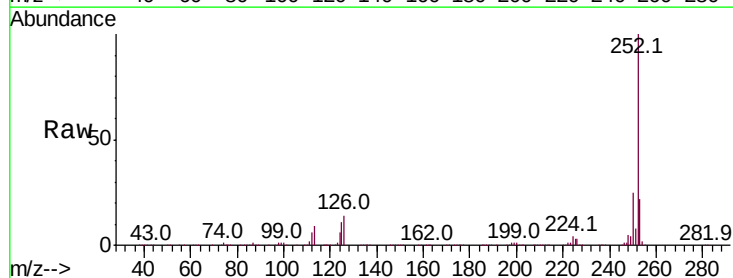
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

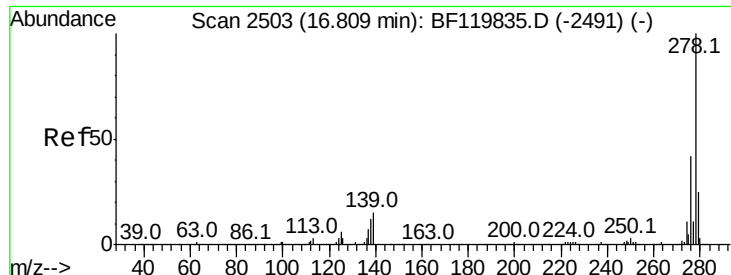
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.3	8.4	12.6



#90
Benzo(a)pyrene
Concen: 40.490 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.4	9.4	14.2

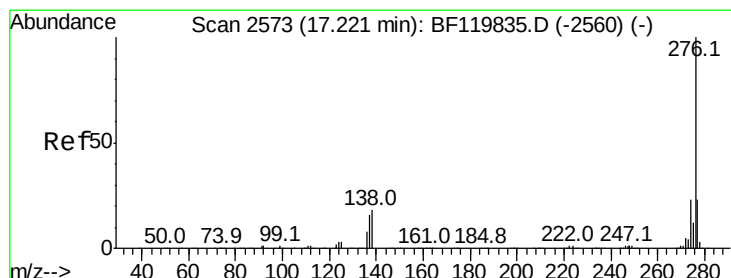
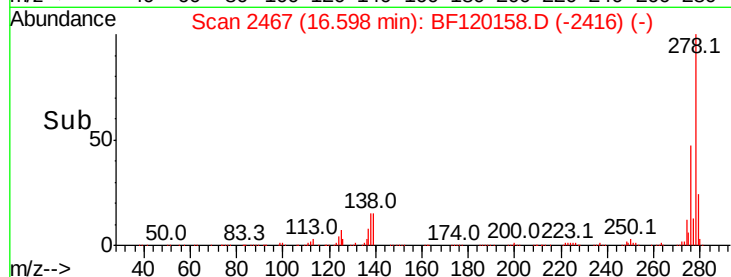
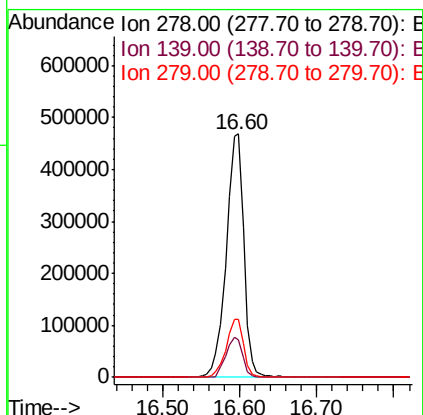
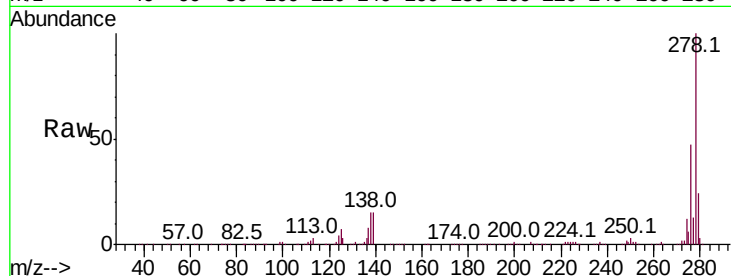




#91
Dibenzo(a,h)anthracene
Concen: 37.798 ng
RT: 16.60 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.6	19.0
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 36.223 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF120158.D
Acq: 23 Apr 2020 12:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	20.9	15.4	23.0

