

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119532.D
 Acq On : 26 Mar 2020 7:48
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 26 08:27:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	327948	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1154544	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	565558	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	954653	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	603139	20.00	ng	-0.01
87) Perylene-d12	15.49	264	637107	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1633067	79.27	ng	0.00
7) Phenol-d6	6.47	99	2095886	79.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	1875539	88.29	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	498626	85.46	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	3194668	83.68	ng	0.00
79) Terphenyl-d14	12.97	244	2734968	88.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	368489	36.216	ng	98
3) Pyridine	3.32	79	1005540	35.873	ng	99
4) n-Nitrosodimethylamine	3.28	42	491437	35.952	ng	99
6) Aniline	6.51	93	1396800	38.458	ng	99
8) 2-Chlorophenol	6.63	128	904430	41.800	ng	98
9) Benzaldehyde	6.39	77	635047	38.040	ng	98
10) Phenol	6.49	94	1180582	42.043	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	916444	40.807	ng	96
12) 1,3-Dichlorobenzene	6.79	146	970916	41.461	ng	98
13) 1,4-Dichlorobenzene	6.86	146	973902	41.578	ng	99
14) 1,2-Dichlorobenzene	7.02	146	907191	41.436	ng	98
15) Benzyl Alcohol	6.99	79	800736	40.450	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1766990	39.007	ng	96
17) 2-Methylphenol	7.10	107	795561	40.130	ng	99
18) Hexachloroethane	7.36	117	344469	40.129	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	638354	40.244	ng	95
20) 3+4-Methylphenols	7.25	107	969611	39.909	ng	93
22) Acetophenone	7.26	105	1135922	41.175	ng	# 89
24) Nitrobenzene	7.43	77	962743	42.406	ng	97
25) Isophorone	7.67	82	1788821	41.510	ng	97
26) 2-Nitrophenol	7.75	139	441830	49.427	ng	99
27) 2,4-Dimethylphenol	7.78	122	687597	37.200	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1081307	42.433	ng	99
29) 2,4-Dichlorophenol	7.99	162	726739	42.791	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	807202	42.977	ng	98
31) Naphthalene	8.16	128	2423385	40.788	ng	99
32) Benzoic acid	7.89	122	370512	31.163	ng	99
33) 4-Chloroaniline	8.20	127	1085932	39.888	ng	98
34) Hexachlorobutadiene	8.27	225	480411	45.716	ng	99
35) Caprolactam	8.58	113	221533	39.857	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	764446	41.183	ng	99
37) 2-Methylnaphthalene	8.85	142	1630995	41.828	ng	99
38) 1-Methylnaphthalene	8.95	142	1515047	41.050	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	759792	45.834	ng	99

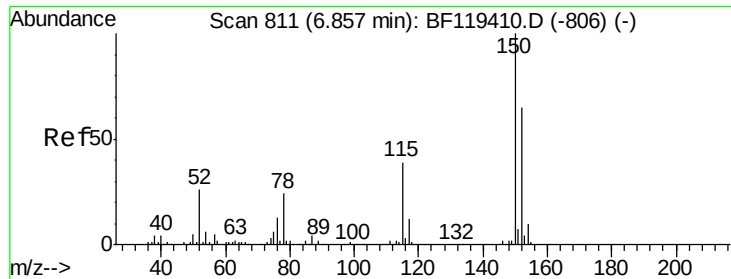
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	121601	12.903	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	509951	42.987	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	570497	42.930	ng	97
46) 1,1'-Biphenyl	9.32	154	1996637	43.347	ng	98
47) 2-Chloronaphthalene	9.34	162	1514027	41.962	ng	99
48) 2-Nitroaniline	9.43	65	581854	46.721	ng	96
49) Acenaphthylene	9.76	152	2299291	40.581	ng	100
50) Dimethylphthalate	9.62	163	1816395	45.216	ng	99
51) 2,6-Dinitrotoluene	9.67	165	396794	46.082	ng	92
52) Acenaphthene	9.93	154	1397353	39.560	ng	100
53) 3-Nitroaniline	9.85	138	465600	42.831	ng	93
54) 2,4-Dinitrophenol	9.94	184	24671	13.293	ng	# 44
55) Dibenzofuran	10.10	168	2065154	40.778	ng	99
56) 4-Nitrophenol	9.99	139	312099	36.394	ng	91
57) 2,4-Dinitrotoluene	10.07	165	506240	46.671	ng	92
58) Fluorene	10.44	166	1541272	41.155	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	394754	39.740	ng	99
60) Diethylphthalate	10.32	149	1885279	46.240	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	812056	44.341	ng	100
62) 4-Nitroaniline	10.46	138	428762	41.131	ng	99
63) Azobenzene	10.59	77	1678253	40.875	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	53691	13.412	ng	95
66) n-Nitrosodiphenylamine	10.55	169	1448733	46.227	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	524205	48.215	ng	99
68) Hexachlorobenzene	10.99	284	501446	45.063	ng	# 92
69) Atrazine	11.08	200	397530	46.269	ng	97
70) Pentachlorophenol	11.18	266	230518	35.330	ng	96
71) Phenanthrene	11.40	178	2023804	40.884	ng	99
72) Anthracene	11.46	178	2044686	40.642	ng	99
73) Carbazole	11.61	167	1950088	39.161	ng	99
74) Di-n-butylphthalate	11.95	149	2767997	51.962	ng	99
75) Fluoranthene	12.59	202	1963539	36.652	ng	99
77) Benzidine	12.71	184	880460	34.494	ng	98
78) Pyrene	12.82	202	1953566	39.467	ng	99
80) Butylbenzylphthalate	13.44	149	1017462	50.822	ng	96
81) Benzo(a)anthracene	14.01	228	1564733	39.895	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	658106	42.556	ng	97
83) Chrysene	14.05	228	1643295	40.597	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1396720	58.524	ng	99
85) Di-n-octyl phthalate	14.62	149	2444579	58.242	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1708486	44.816	ng	97
88) Benzo(b)fluoranthene	15.06	252	1801103	42.321	ng	98
89) Benzo(k)fluoranthene	15.09	252	1705797	42.093	ng	98
90) Benzo(a)pyrene	15.43	252	1621069	41.913	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	1418578	41.934	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1307115	38.461	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119532.D

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ClientSampleId :

SSTDCCC040EC

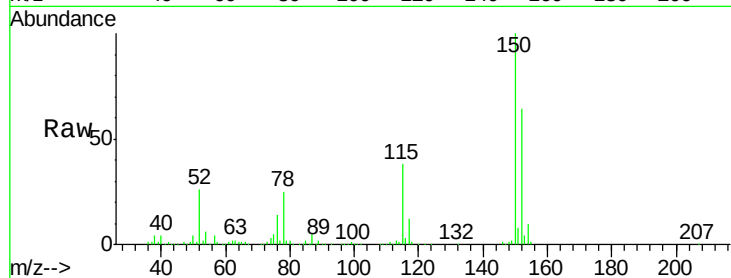
Tgt Ion:152 Resp: 327948

Ion Ratio Lower Upper

152 100

150 156.5 123.9 185.9

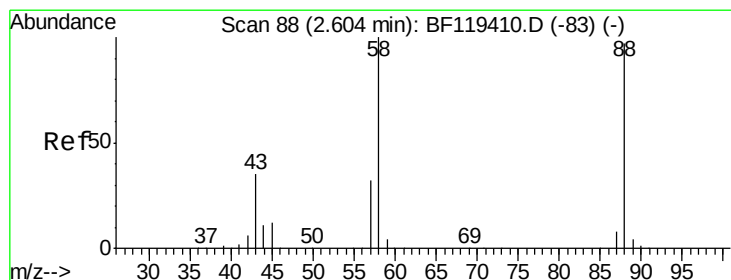
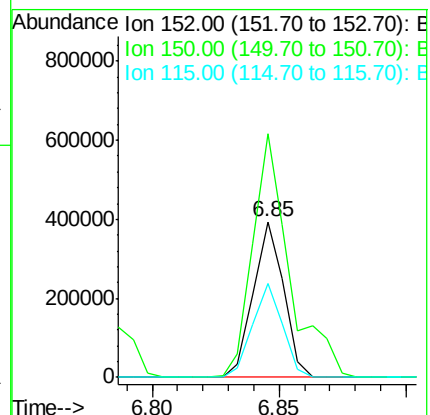
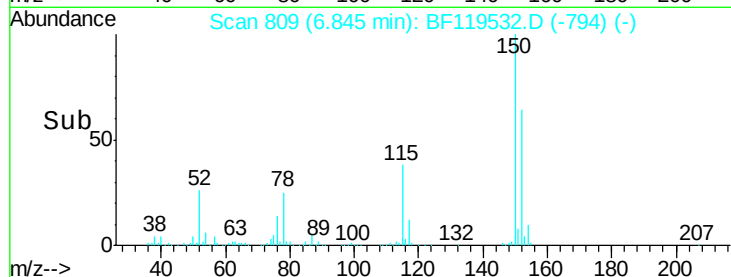
115 60.2 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.216 ng

RT: 2.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

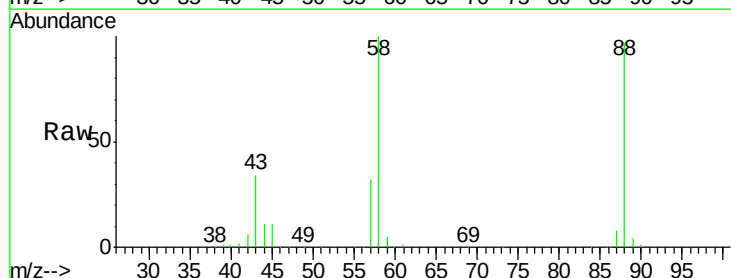
Tgt Ion: 88 Resp: 368489

Ion Ratio Lower Upper

88 100

58 102.3 79.4 119.2

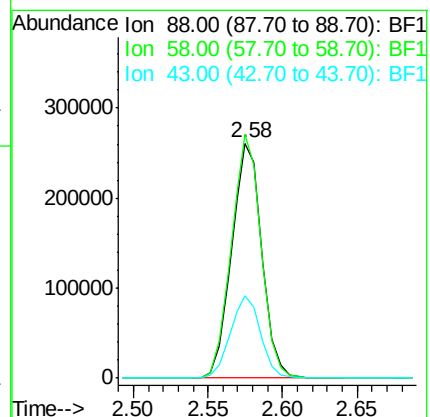
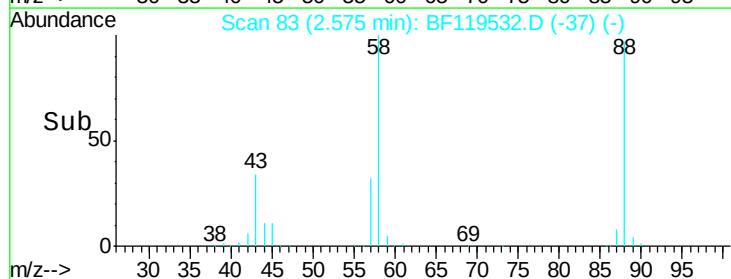
43 35.2 28.4 42.6

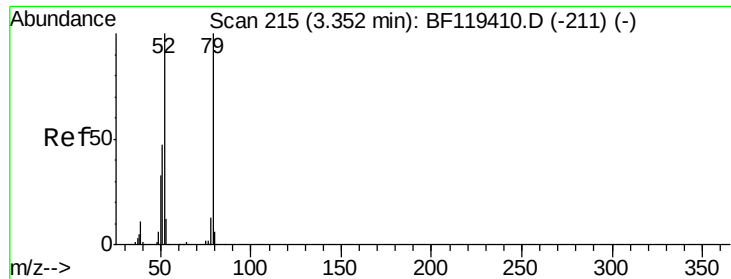


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 35.873 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.03 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

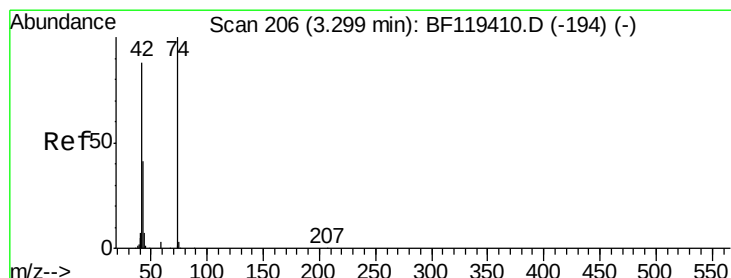
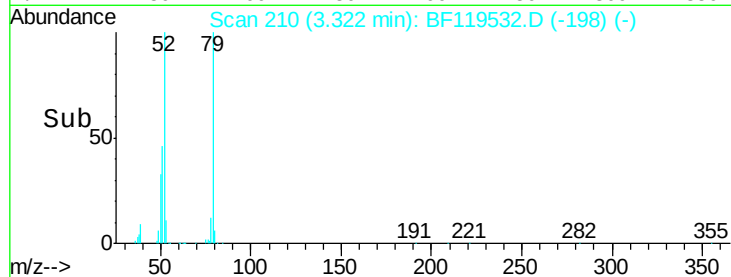
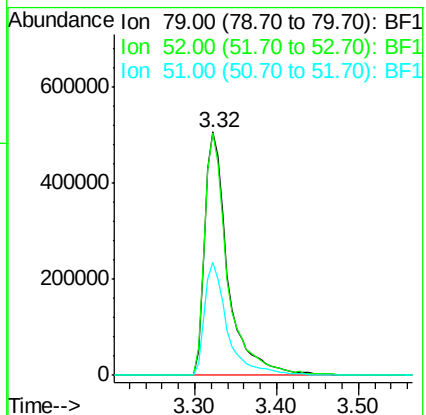
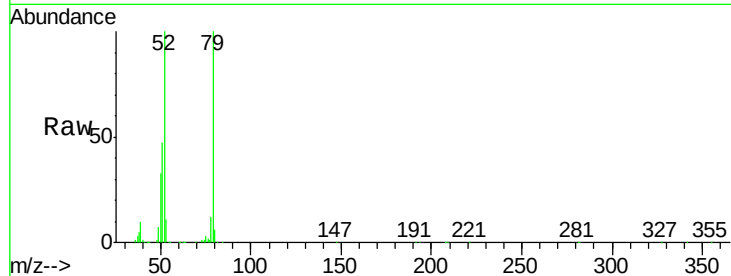
Tgt Ion: 79 Resp: 1005540

Ion Ratio Lower Upper

79 100

52 99.7 80.0 120.0

51 46.6 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 35.952 ng

RT: 3.28 min Scan# 202

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

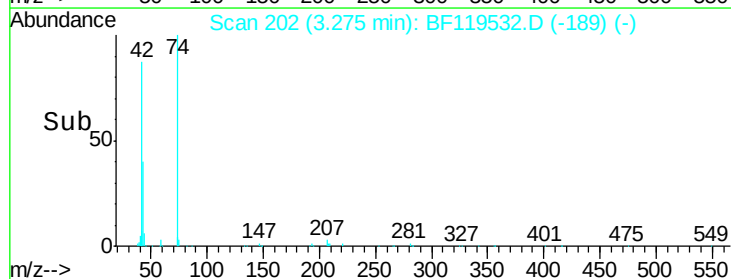
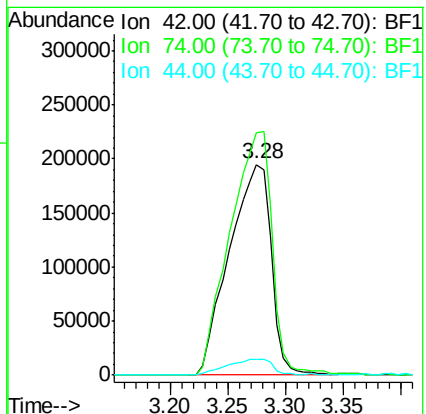
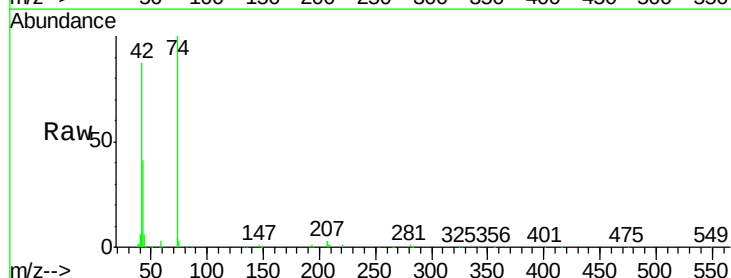
Tgt Ion: 42 Resp: 491437

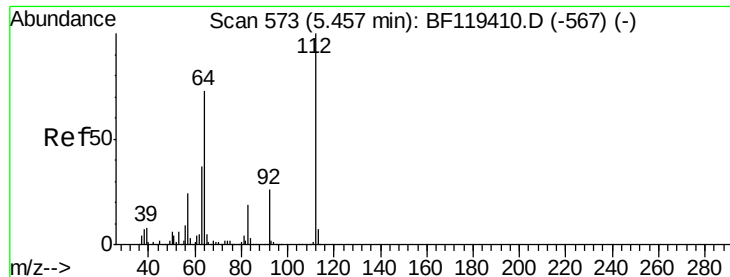
Ion Ratio Lower Upper

42 100

74 115.1 91.3 136.9

44 7.2 7.1 10.7





#5

2-Fluorophenol

Concen: 79.271 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

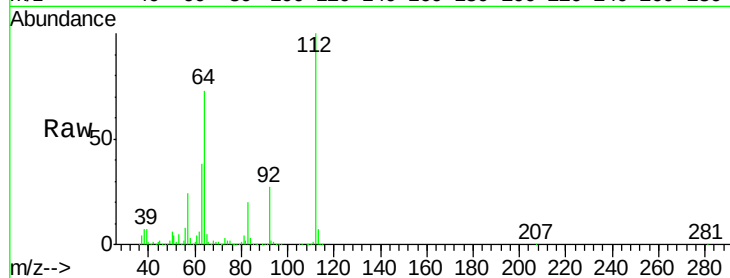
Tgt Ion:112 Resp: 1633067

Ion Ratio Lower Upper

112 100

64 72.9 58.1 87.1

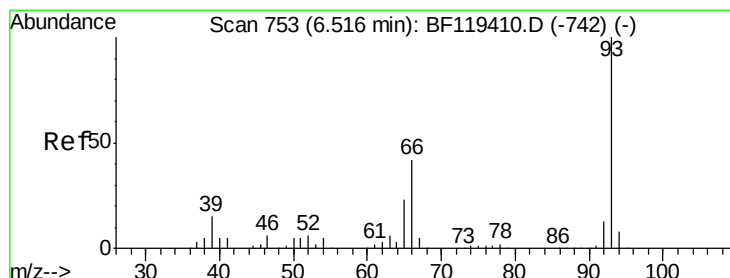
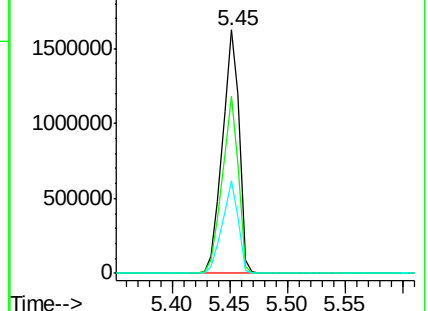
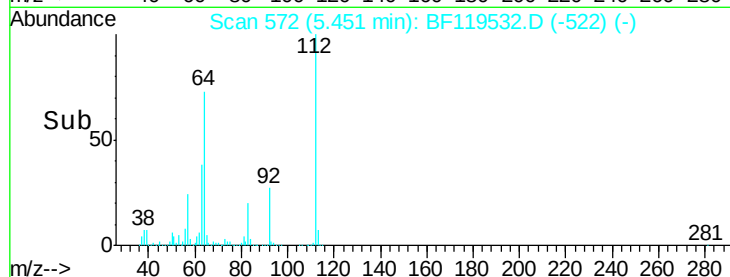
63 38.0 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.458 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

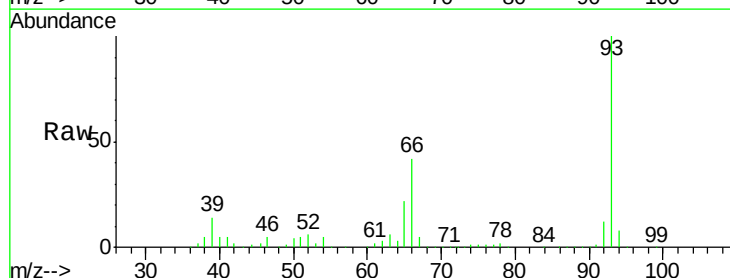
Tgt Ion: 93 Resp: 1396800

Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.4

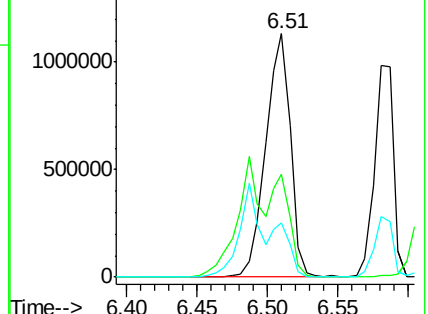
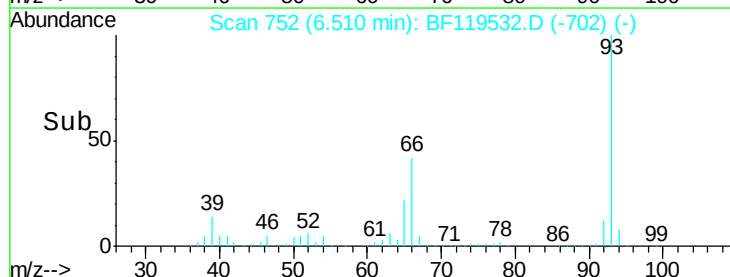
65 22.4 18.2 27.4

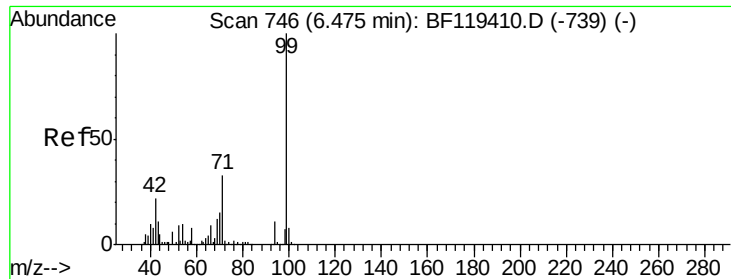


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.642 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119532.D

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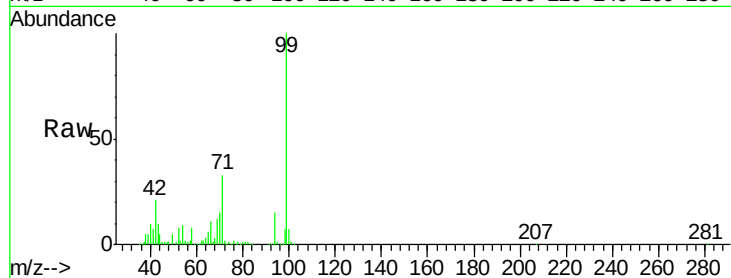
Tgt Ion: 99 Resp: 2095886

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

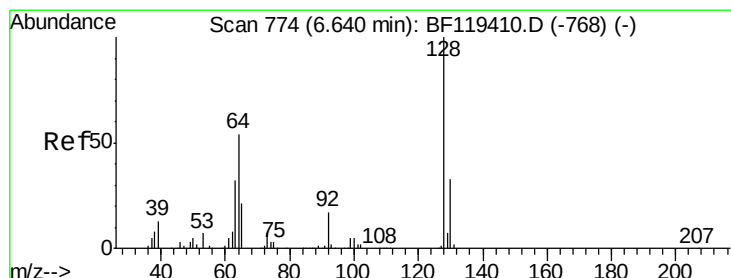
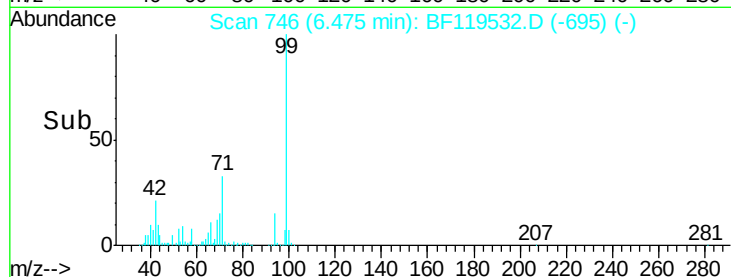
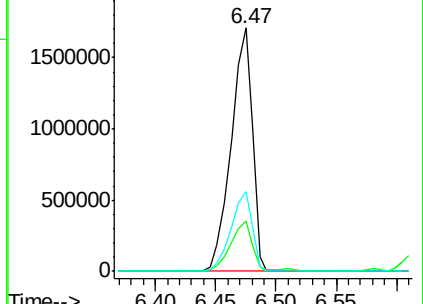
71 33.0 26.0 39.0



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: 41.800 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

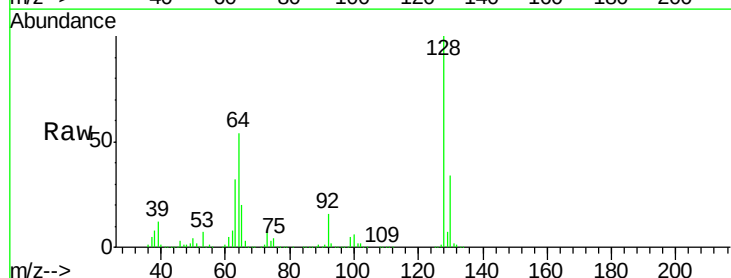
Tgt Ion: 128 Resp: 904430

Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

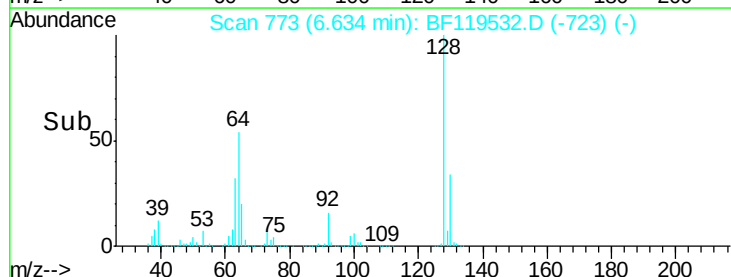
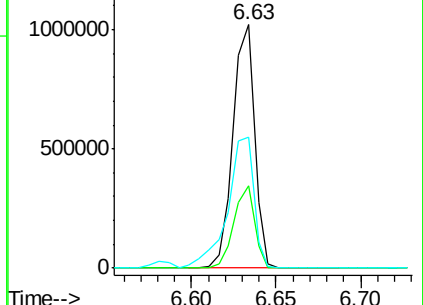
64 53.6 35.1 75.1

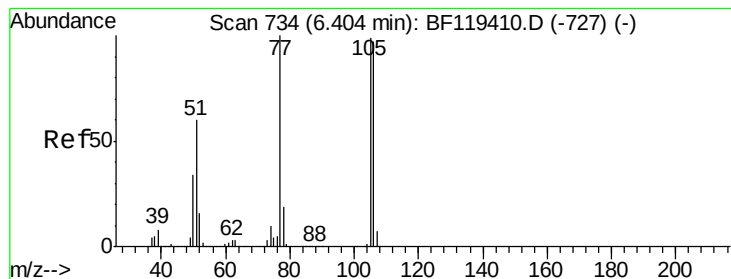


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.040 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119532.D

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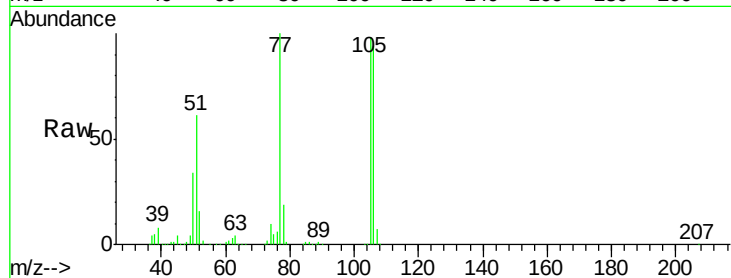
Tgt Ion: 77 Resp: 635047

Ion Ratio Lower Upper

77 100

105 97.6 78.6 118.6

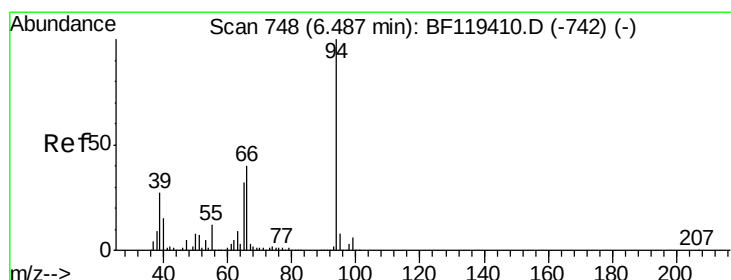
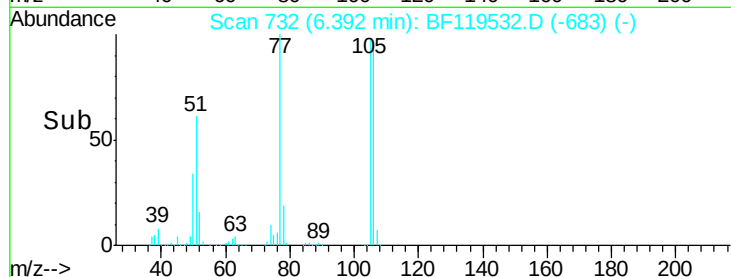
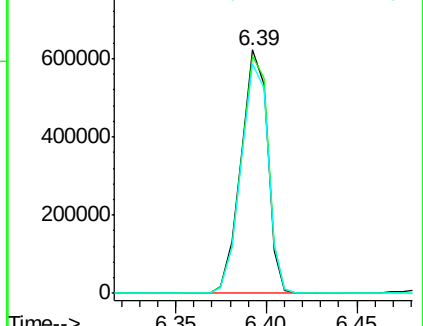
106 94.3 76.5 116.5



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: 42.043 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

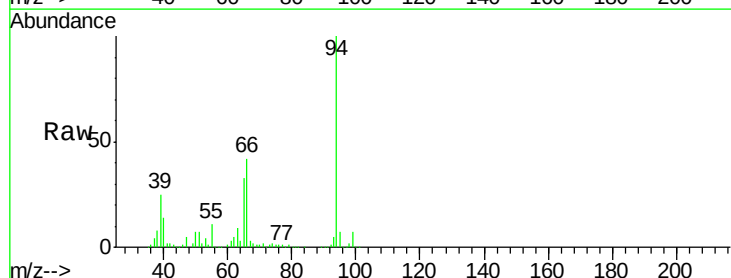
Tgt Ion: 94 Resp: 1180582

Ion Ratio Lower Upper

94 100

65 32.7 12.0 52.0

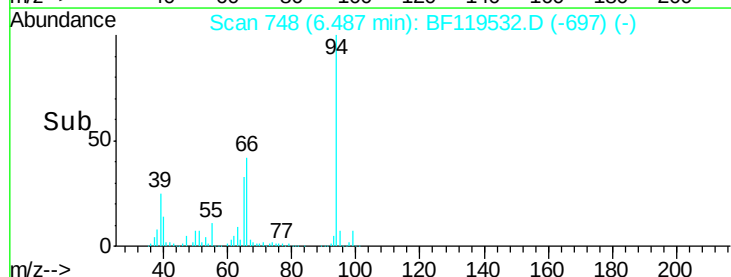
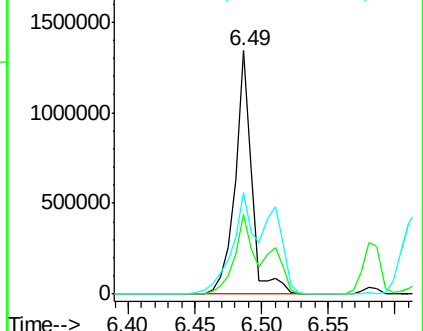
66 41.9 20.6 60.6

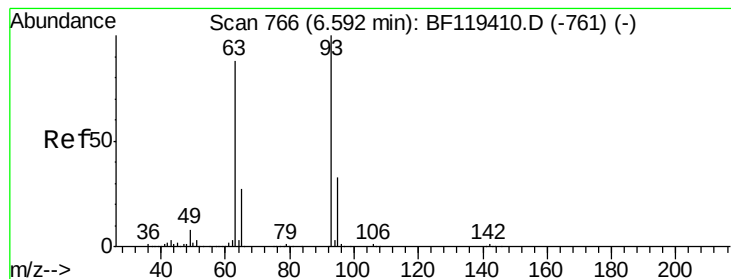


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.807 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

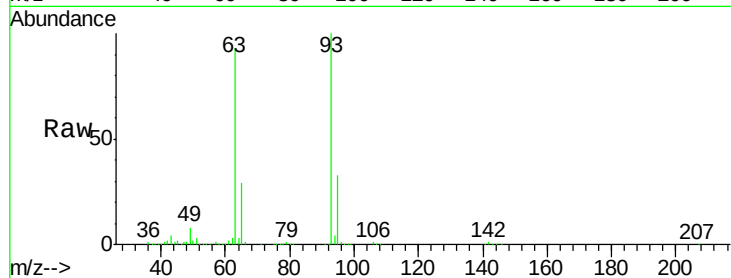
Tgt Ion: 93 Resp: 916444

Ion Ratio Lower Upper

93 100

63 93.1 68.4 108.4

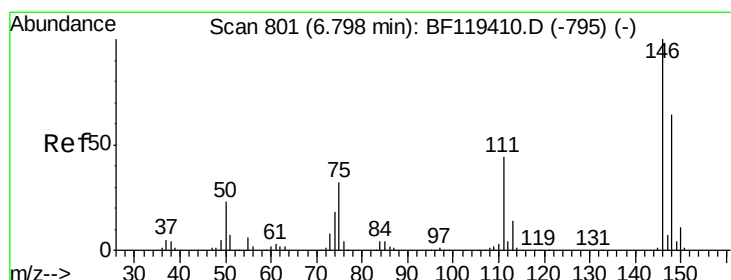
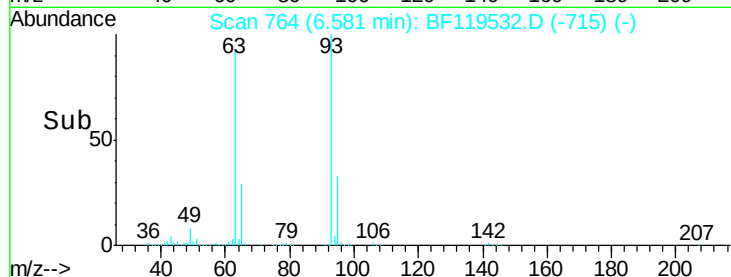
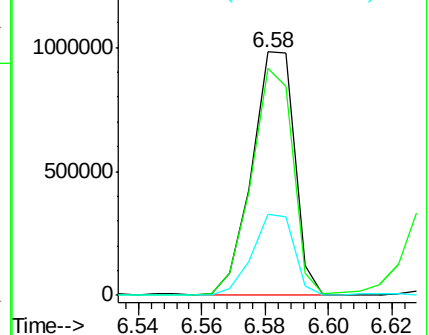
95 33.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.461 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

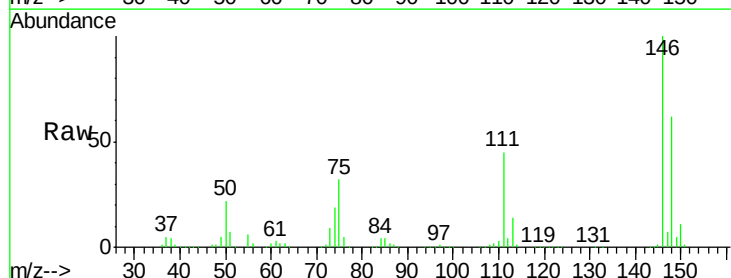
Tgt Ion: 146 Resp: 970916

Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.0

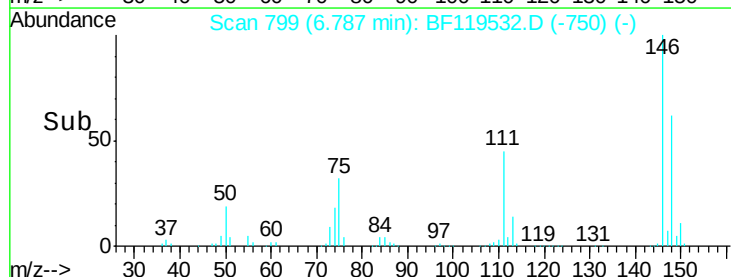
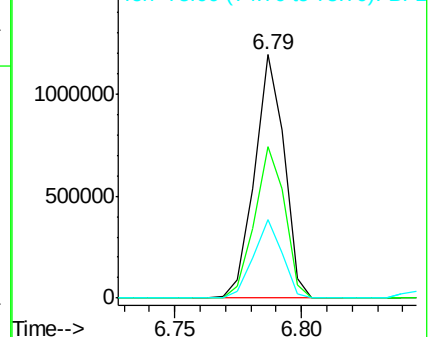
75 32.4 25.8 38.8

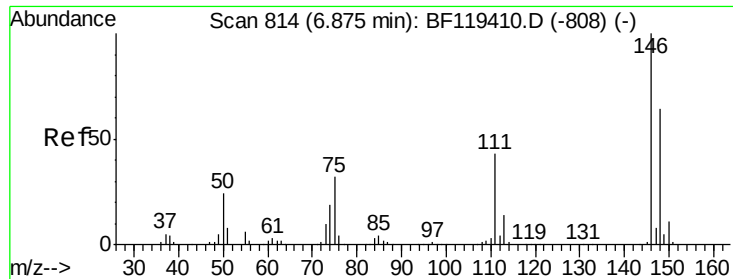


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

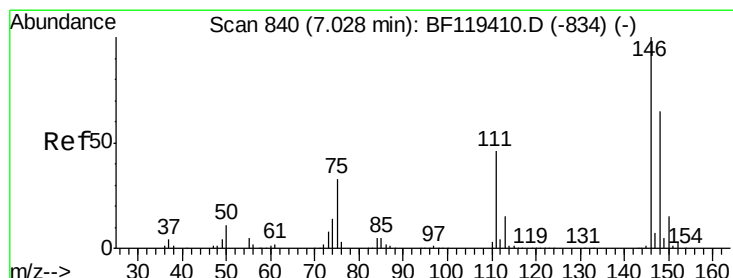
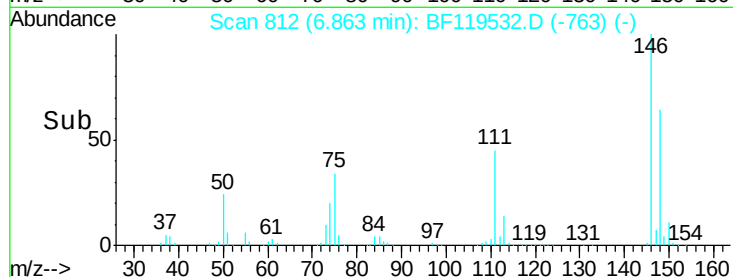
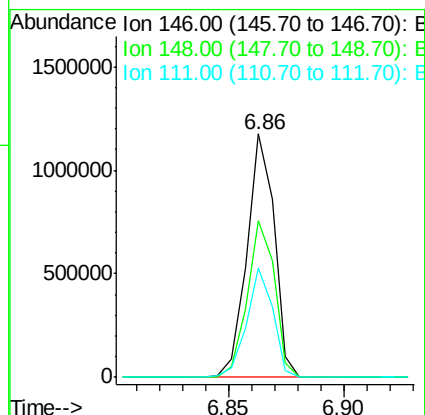
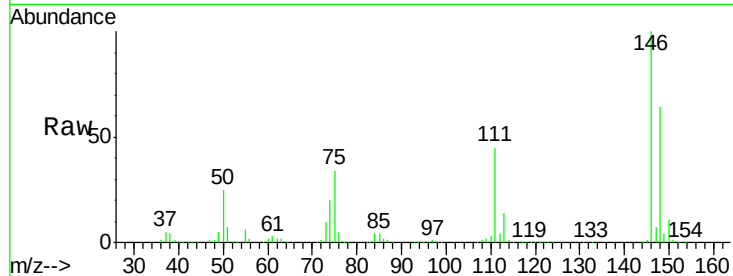




#13
 1,4-Dichlorobenzene
 Concen: 41.578 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

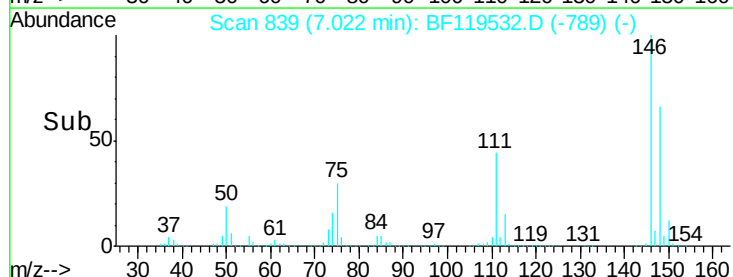
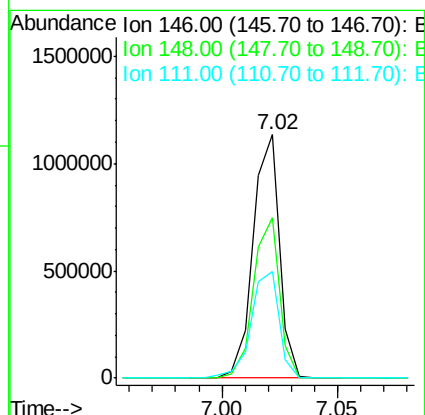
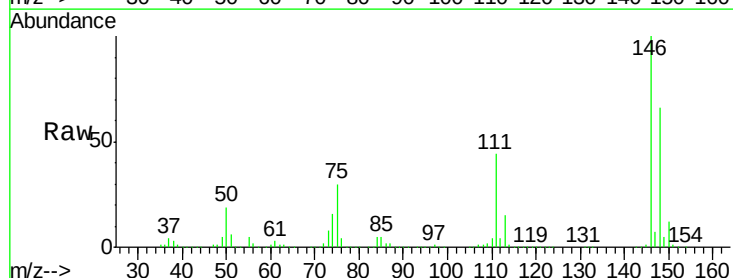
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

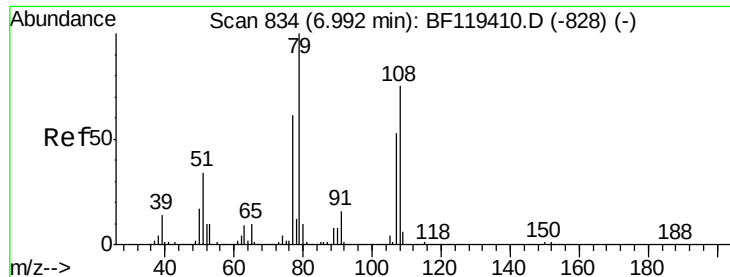
Tgt Ion:146 Resp: 973902
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.9 76.3
 111 44.8 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 41.436 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion:146 Resp: 907191
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.7 77.5
 111 43.8 36.4 54.6





#15

Benzyl Alcohol

Concen: 40.450 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

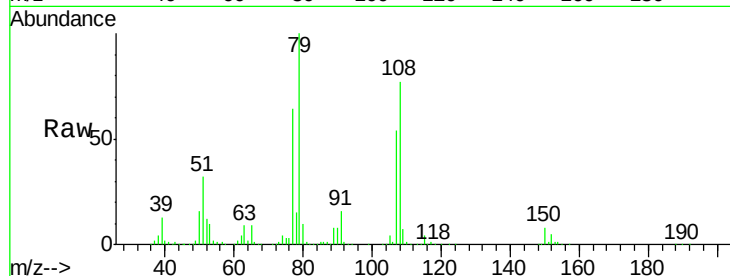
Tgt Ion: 79 Resp: 800736

Ion Ratio Lower Upper

79 100

108 76.7 60.4 90.6

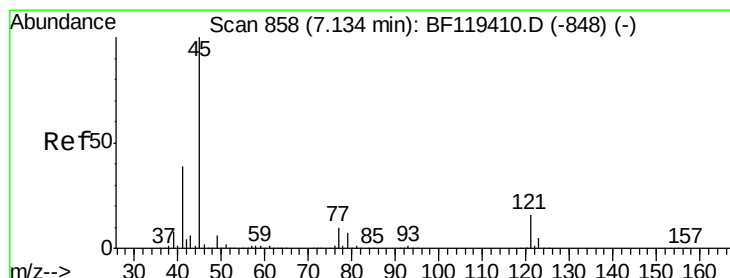
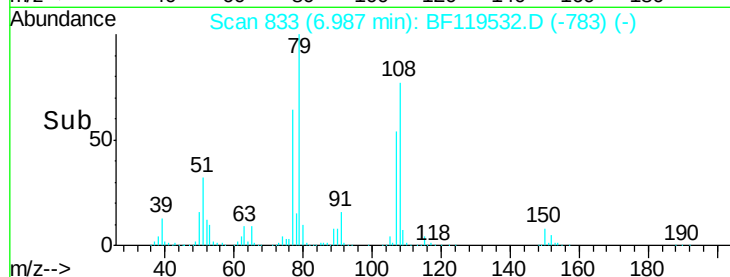
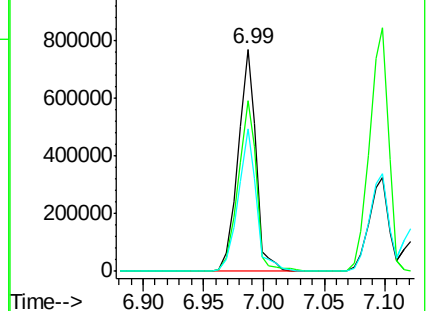
77 63.9 49.0 73.4



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: 39.007 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

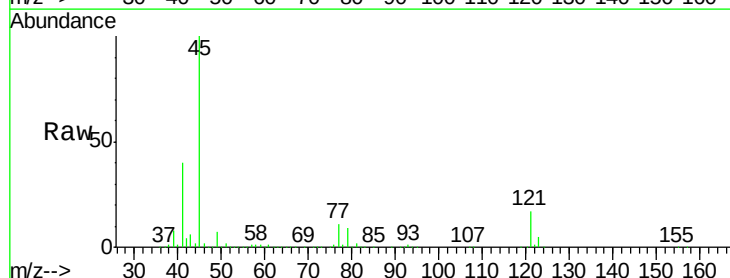
Tgt Ion: 45 Resp: 1766990

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.1

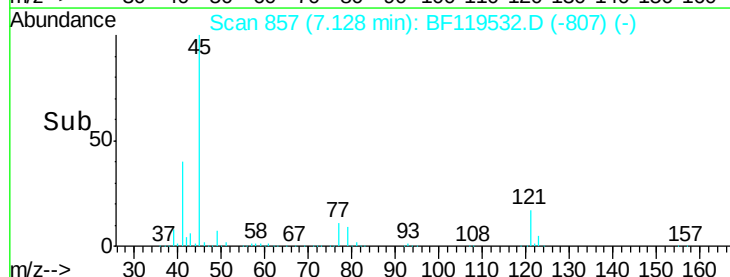
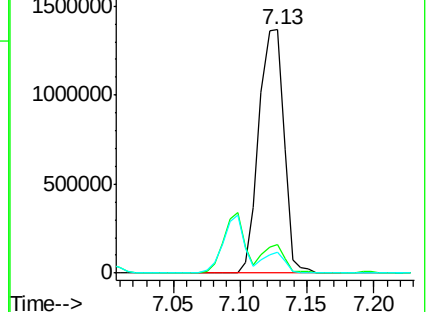
79 8.7 0.0 27.4

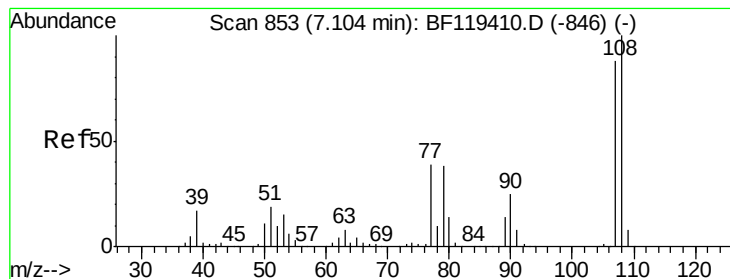


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

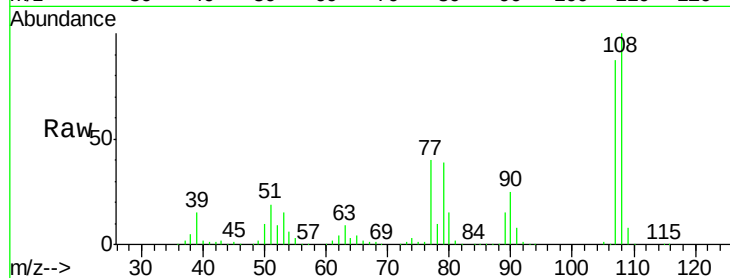




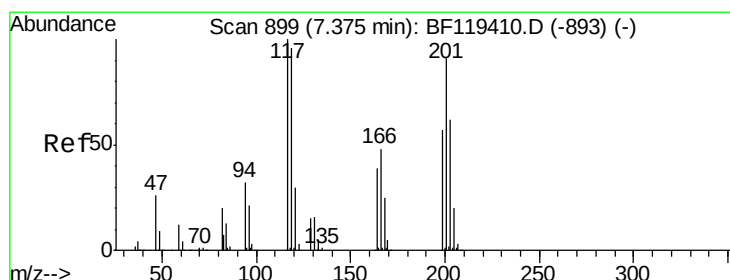
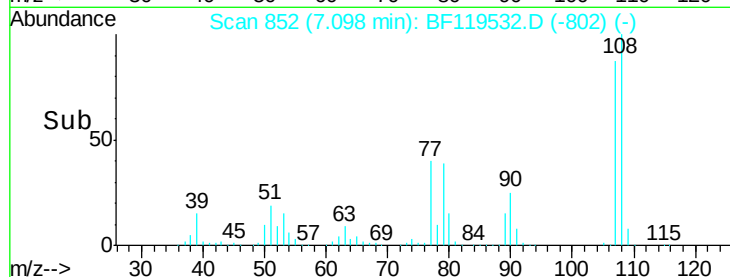
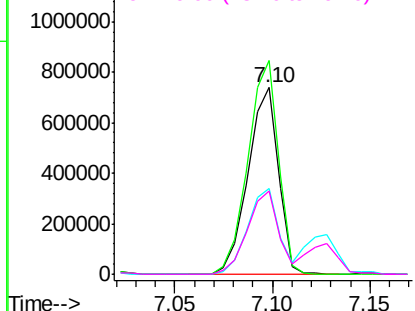
#17
2-Methylphenol
Concen: 40.130 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 795561
Ion Ratio Lower Upper
107 100
108 114.6 90.7 136.1
77 45.8 35.6 53.4
79 44.4 34.7 52.1

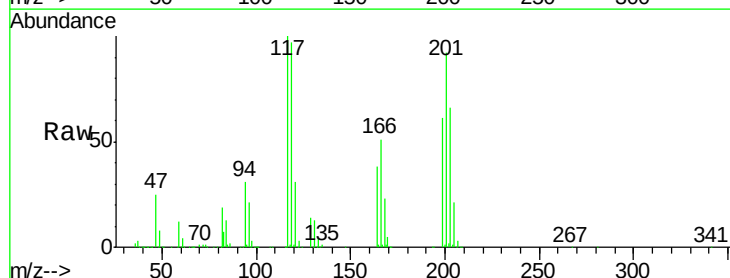


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

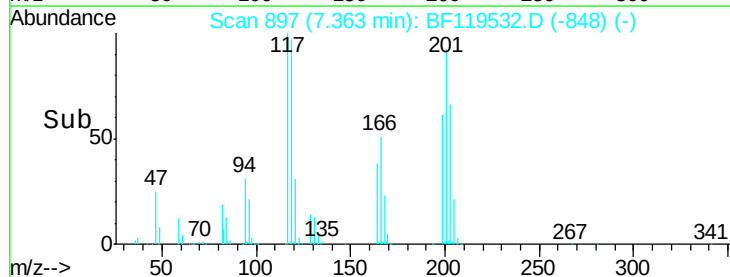
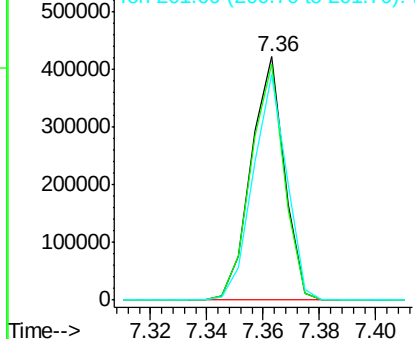


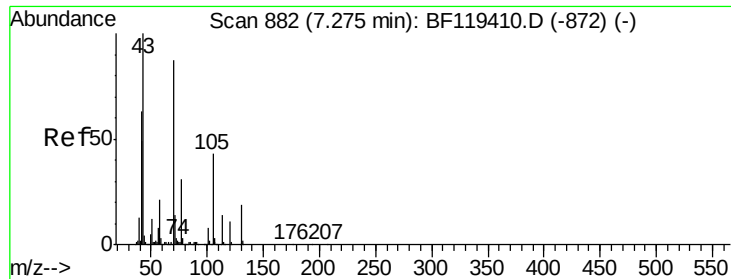
#18
Hexachloroethane
Concen: 40.129 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:117 Resp: 344469
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 92.5 72.5 108.7



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

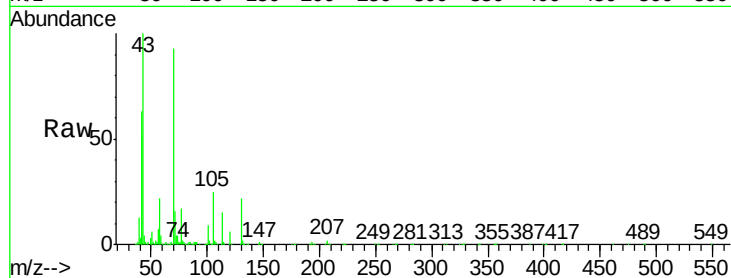




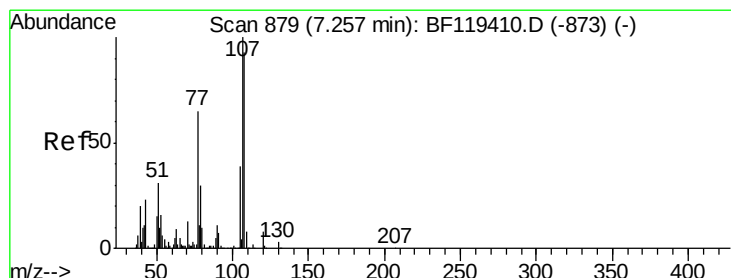
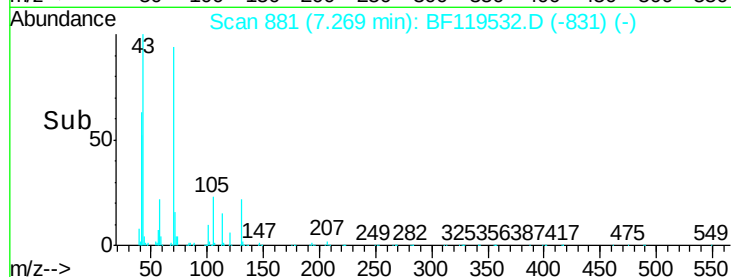
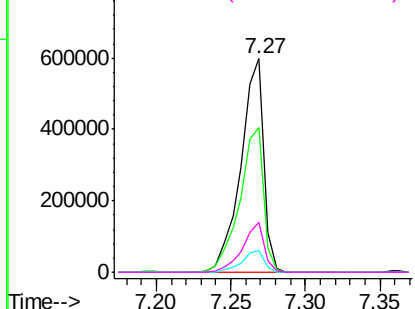
#19
n-Nitroso-di-n-propylamine
Concen: 40.244 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	70	Resp:	638354
Ion	Ratio	Lower	Upper
70	100		
42	67.6	58.2	87.4
101	10.1	7.4	11.2
130	23.3	17.8	26.8

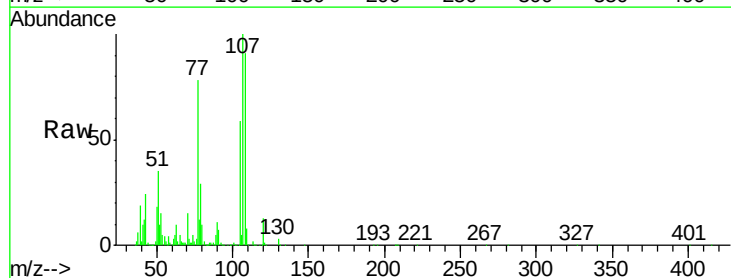


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

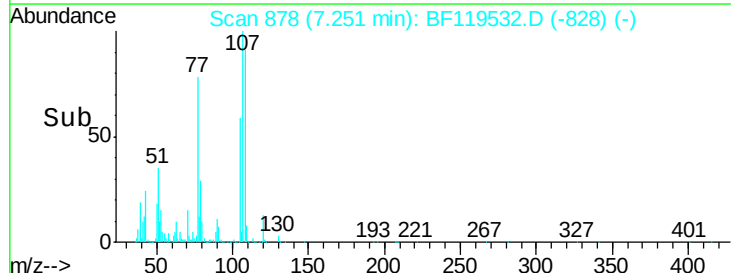
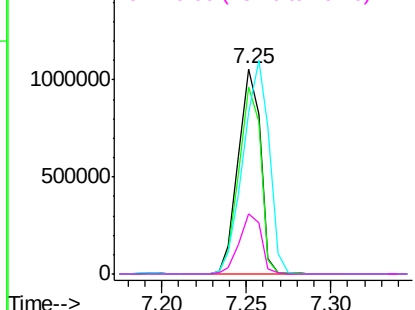


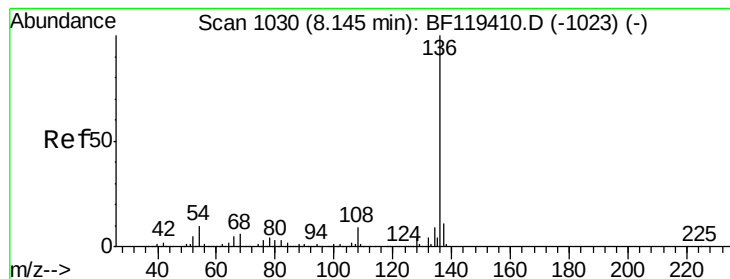
#20
3+4-Methylphenols
Concen: 39.909 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:	107	Resp:	969611
Ion	Ratio	Lower	Upper
107	100		
108	90.9	72.6	112.6
77	78.3	44.7	84.7
79	29.0	10.2	50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 1154544

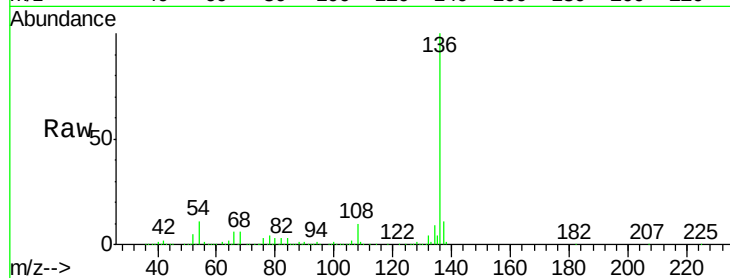
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.6 8.3 12.5

68 5.8 4.9 7.3

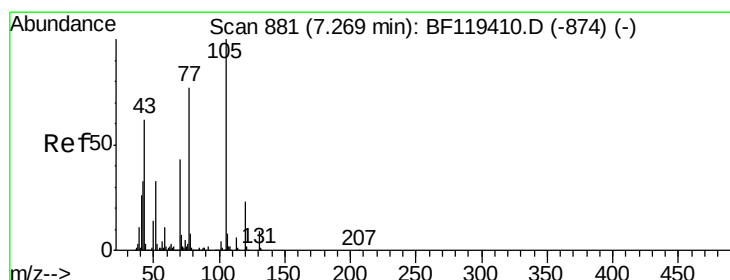
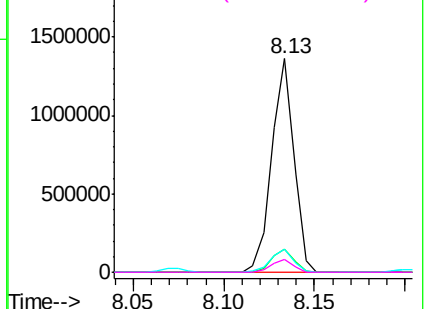
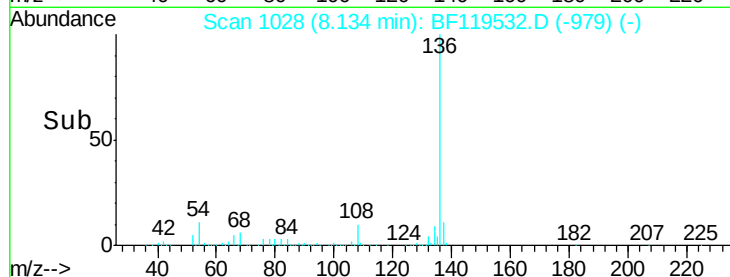


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.175 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Tgt Ion:105 Resp: 1135922

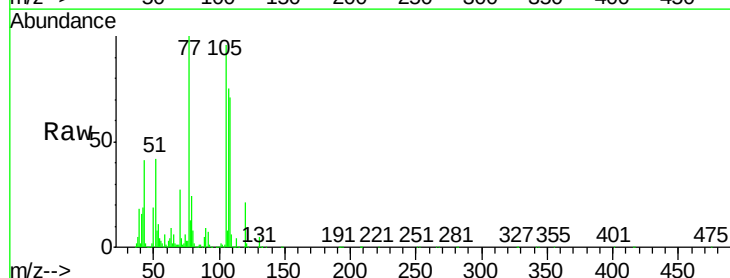
Ion Ratio Lower Upper

105 100

71 4.6 5.8 8.6#

51 44.2 26.8 40.2#

120 21.8 18.0 27.0

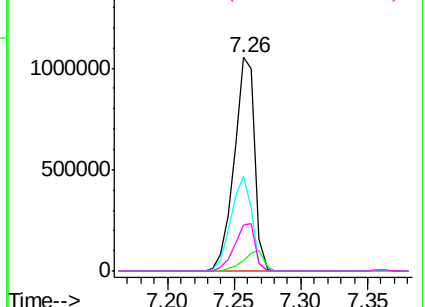
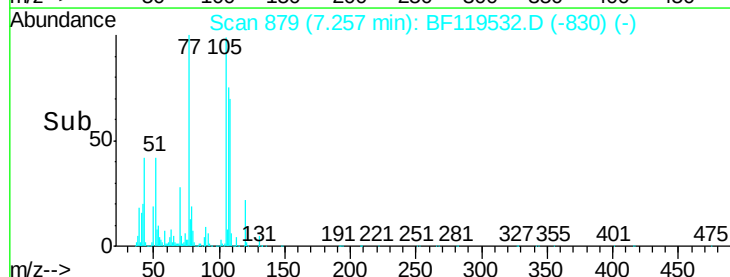


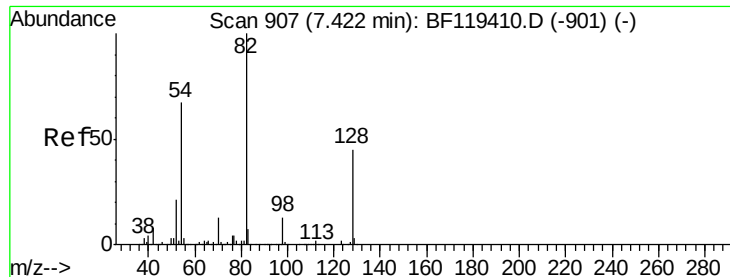
Abundance Ion 105.00 (104.70 to 105.70): E

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

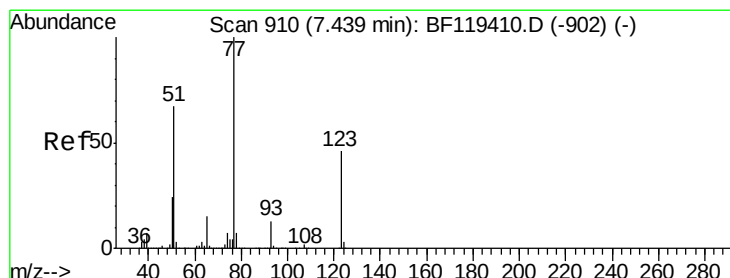
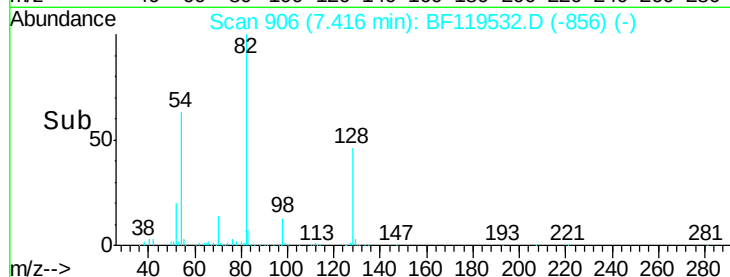
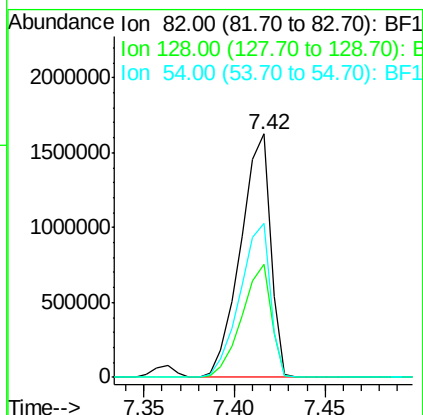
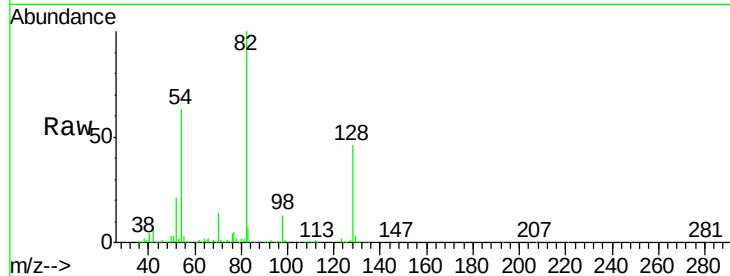




#23
 Nitrobenzene-d5
 Concen: 88.287 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

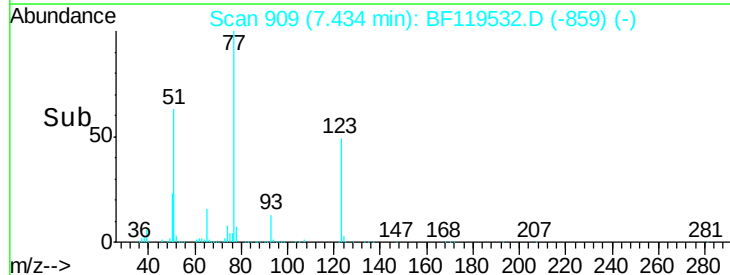
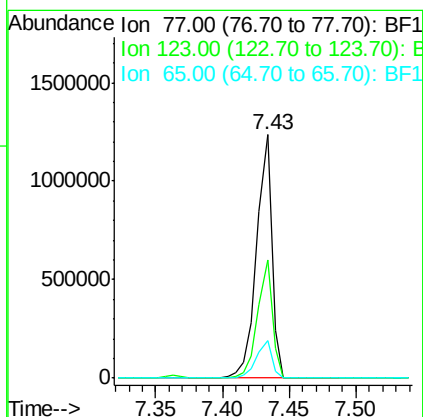
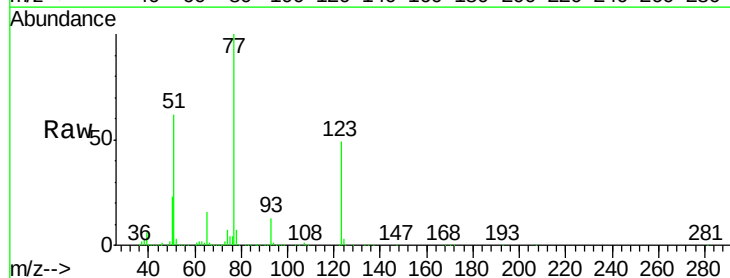
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

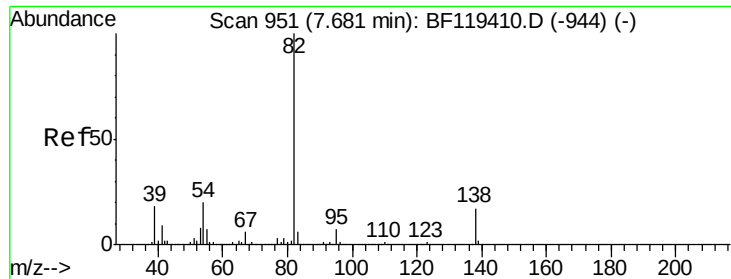
Tgt Ion: 82 Resp: 187539
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.8 53.8
 54 63.1 53.4 80.0



#24
 Nitrobenzene
 Concen: 42.406 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion: 77 Resp: 962743
 Ion Ratio Lower Upper
 77 100
 123 48.6 36.9 55.3
 65 15.6 12.2 18.4





#25

Isophorone

Concen: 41.510 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

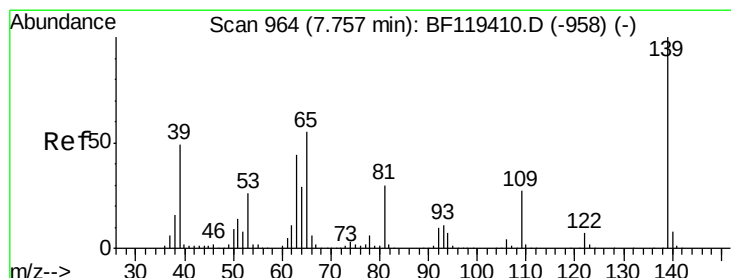
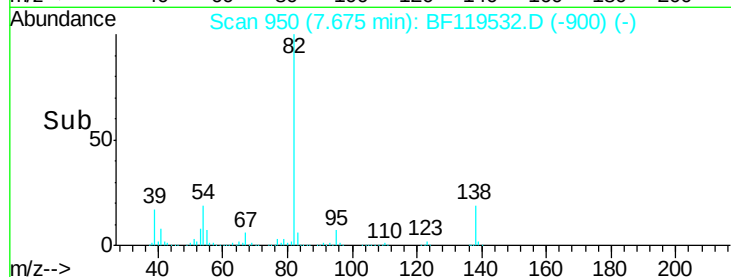
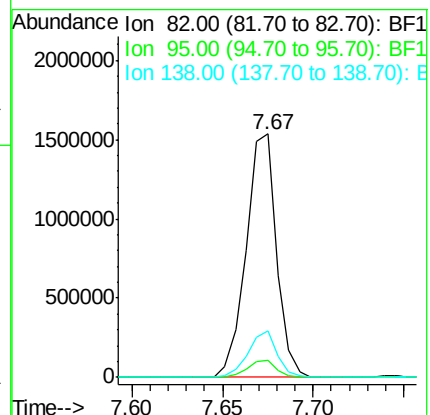
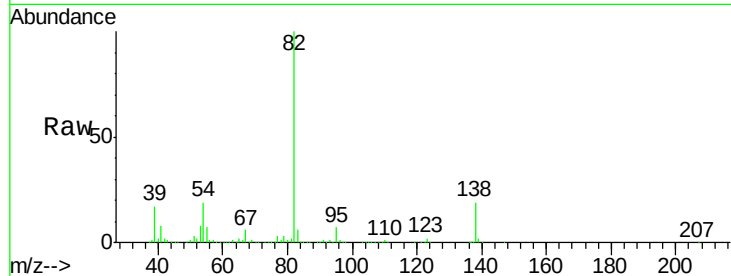
Tgt Ion: 82 Resp: 1788821

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 19.0 13.8 20.8



#26

2-Nitrophenol

Concen: 49.427 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

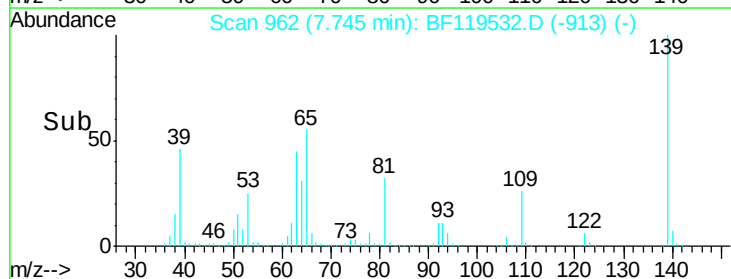
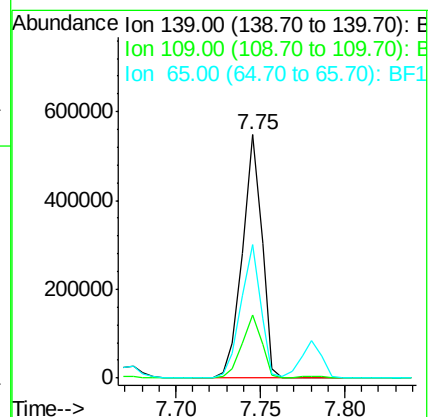
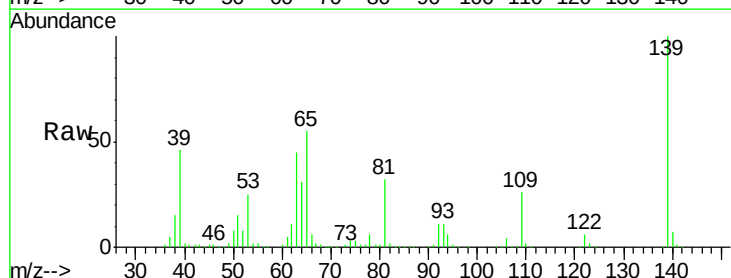
Tgt Ion: 139 Resp: 441830

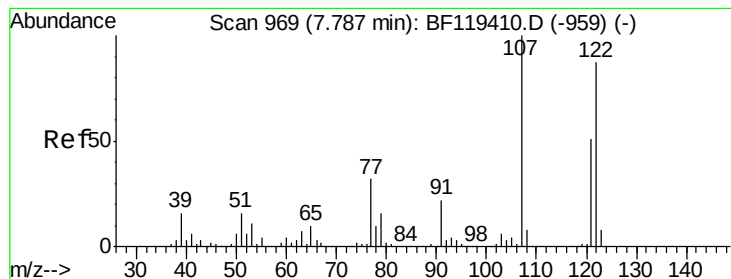
Ion Ratio Lower Upper

139 100

109 26.0 21.7 32.5

65 55.0 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 37.200 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

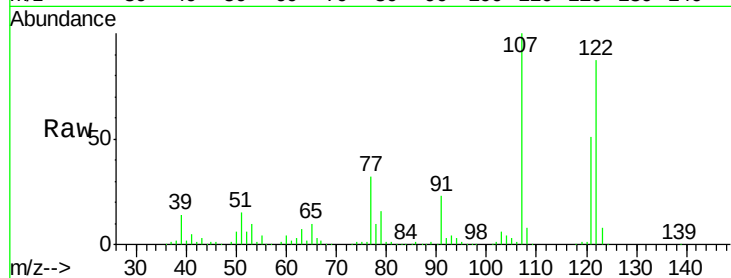
Tgt Ion:122 Resp: 687597

Ion Ratio Lower Upper

122 100

107 114.6 91.8 137.6

121 58.3 46.5 69.7

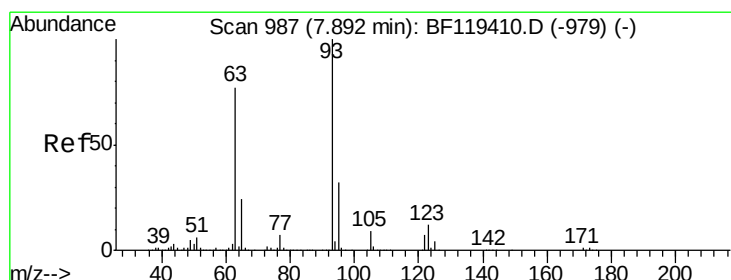
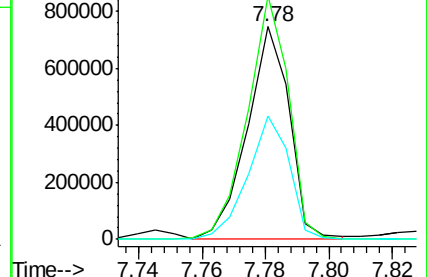
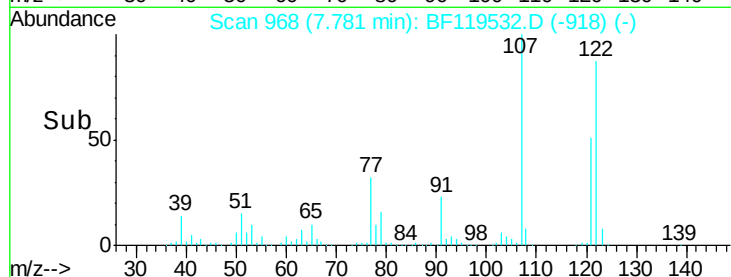


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 42.433 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

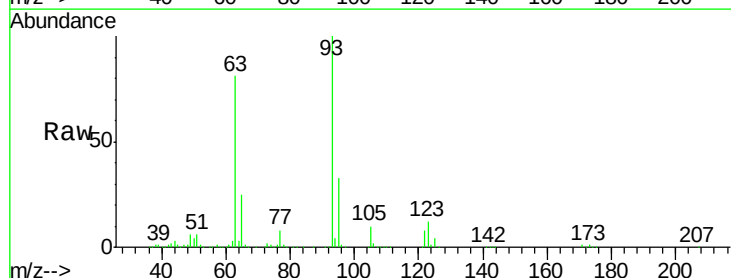
Tgt Ion: 93 Resp: 1081307

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

123 12.1 9.7 14.5

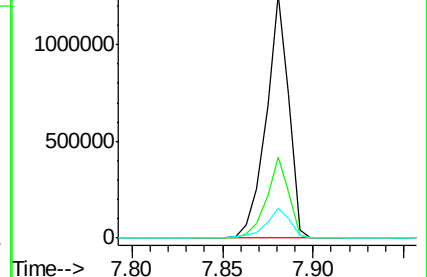
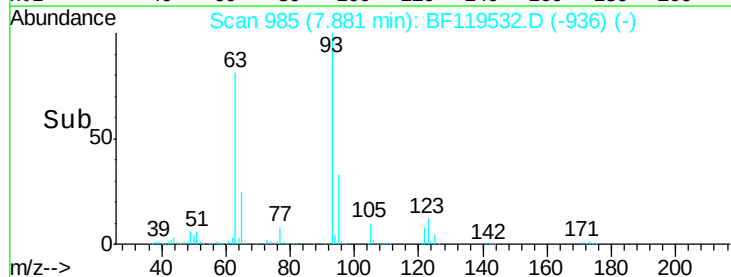


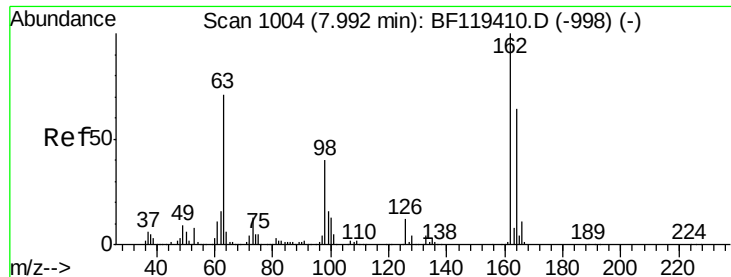
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

Time-->

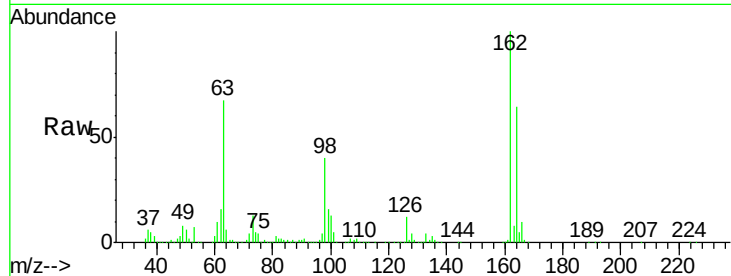




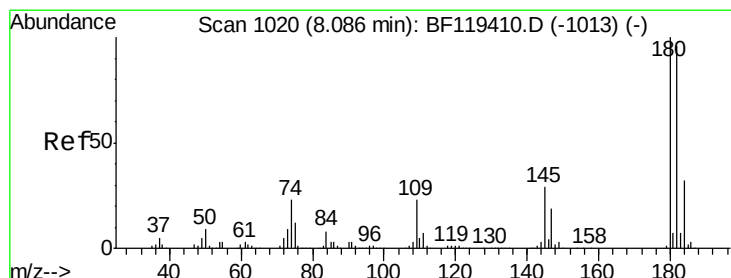
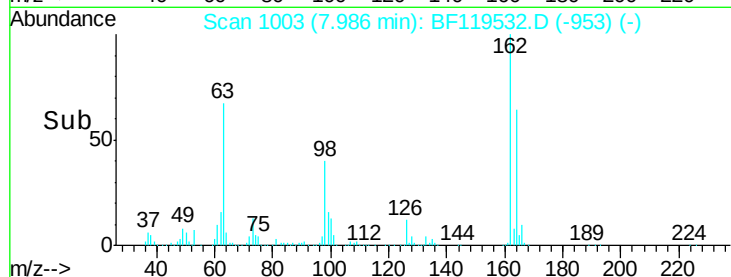
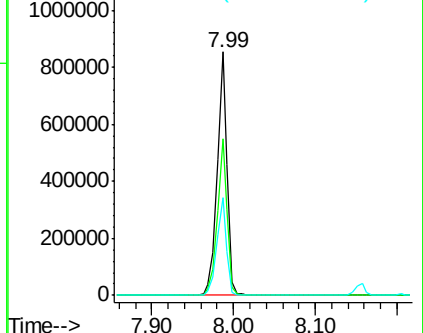
#29
2,4-Dichlorophenol
Concen: 42.791 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 726739
Ion Ratio Lower Upper
162 100
164 64.1 43.6 83.6
98 40.3 20.4 60.4

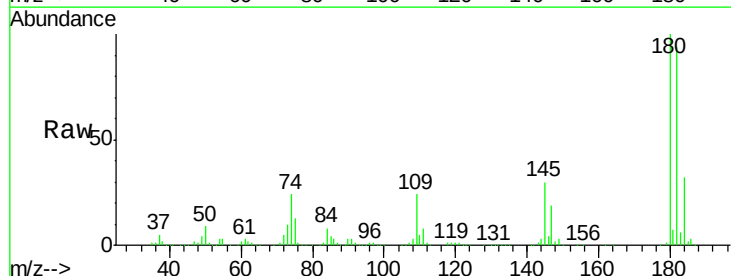


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

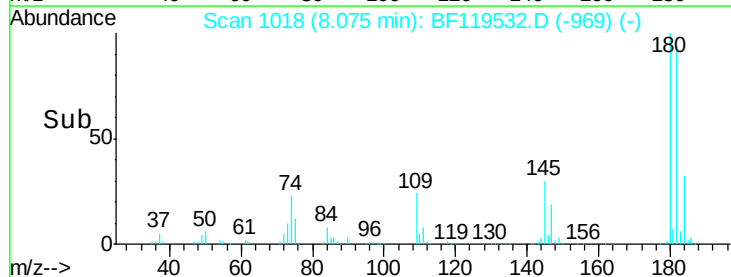
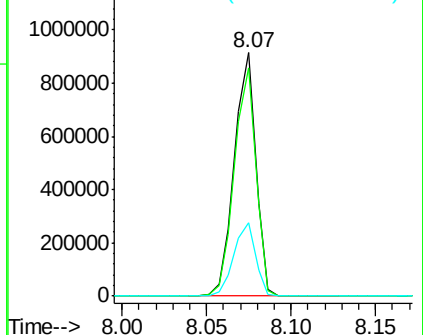


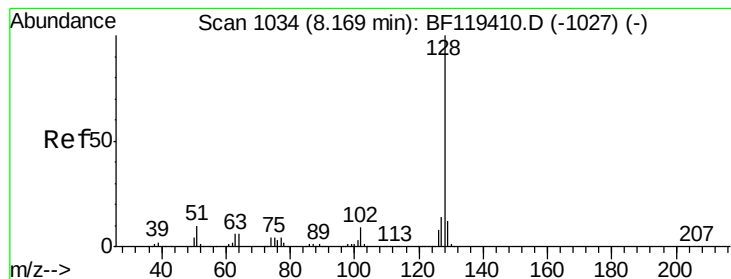
#30
1,2,4-Trichlorobenzene
Concen: 42.977 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:180 Resp: 807202
Ion Ratio Lower Upper
180 100
182 93.7 76.6 115.0
145 30.1 23.2 34.8



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





#31

Naphthalene

Concen: 40.788 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

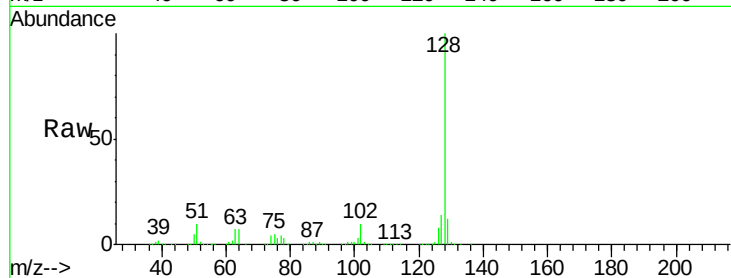
Tgt Ion:128 Resp: 2423385

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

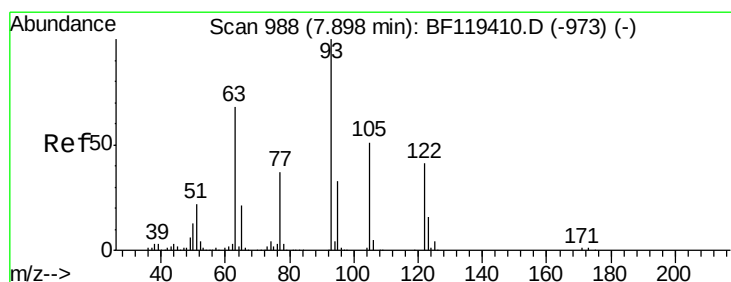
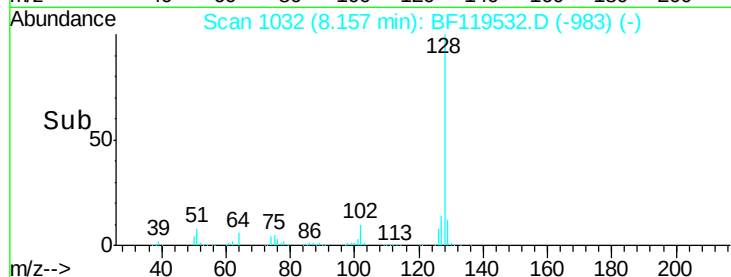
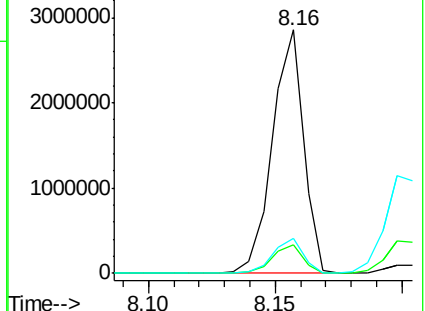
127 14.2 11.0 16.4



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: 31.163 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

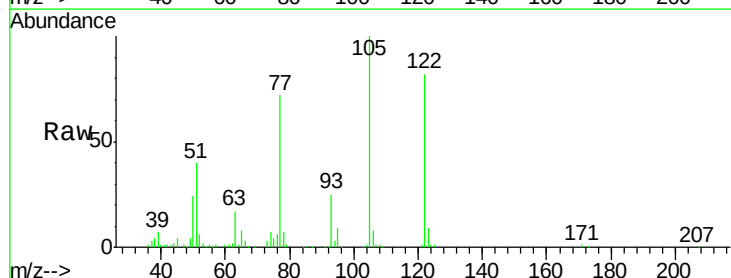
Tgt Ion:122 Resp: 370512

Ion Ratio Lower Upper

122 100

105 122.5 102.9 142.9

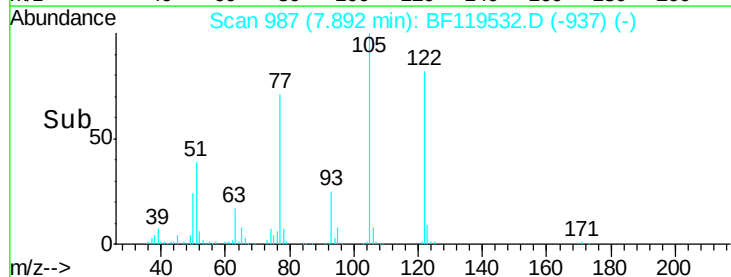
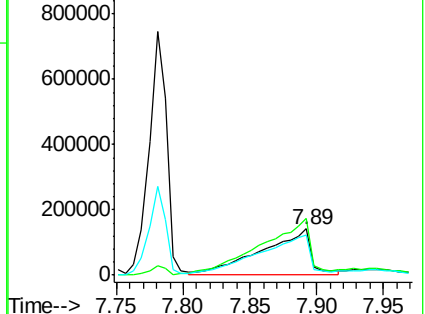
77 87.6 70.1 110.1

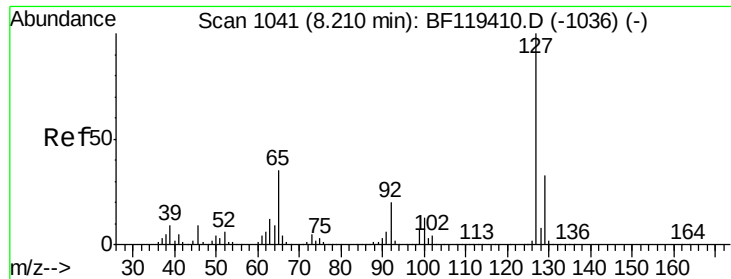


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

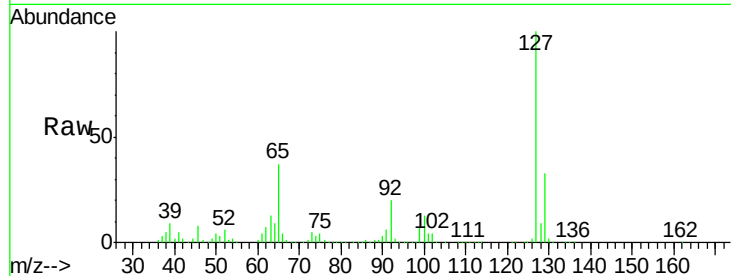




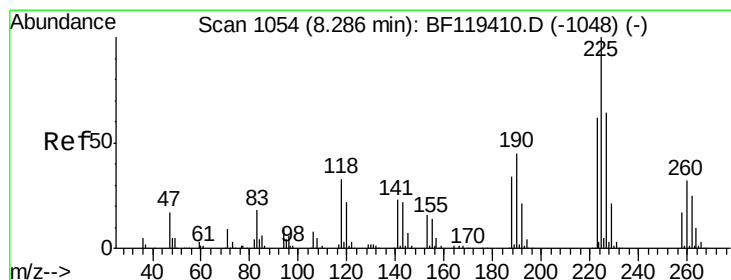
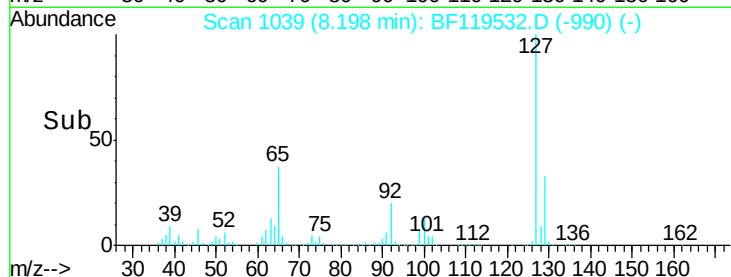
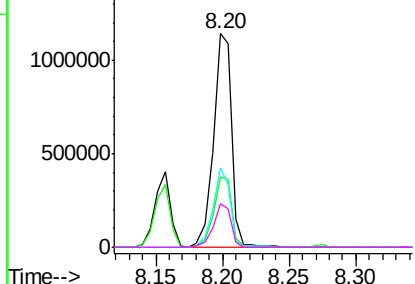
#33
4-Chloroaniline
Concen: 39.888 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	1085932
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	37.0	27.7	41.5
92	20.4	15.8	23.6

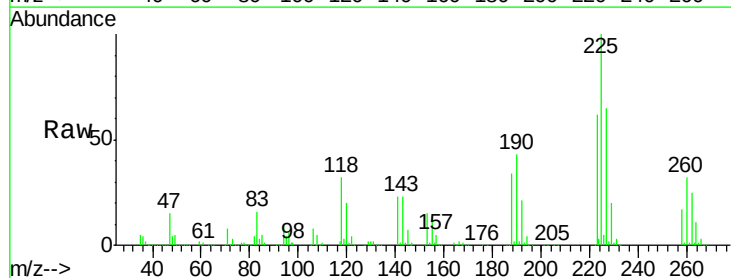


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

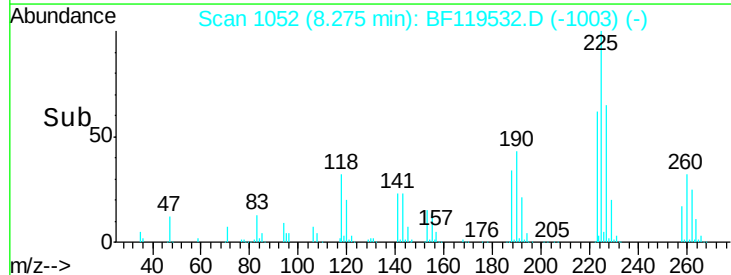
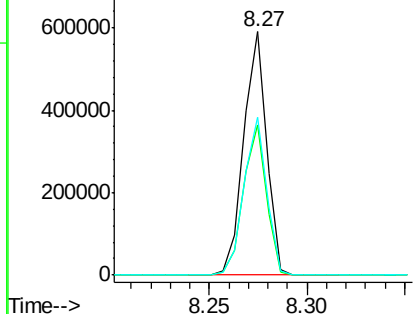


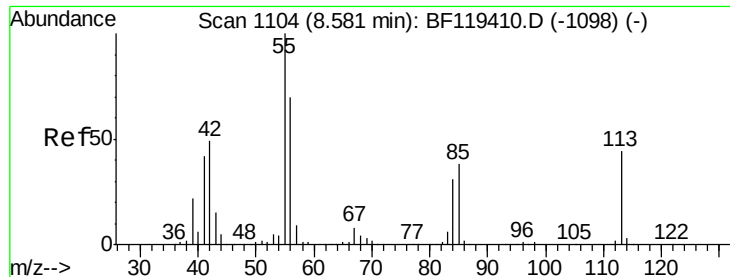
#34
Hexachlorobutadiene
Concen: 45.716 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:	225	Resp:	480411
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.2	73.8
227	65.1	51.1	76.7



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

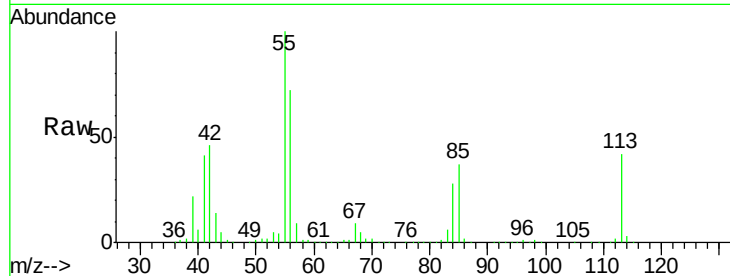




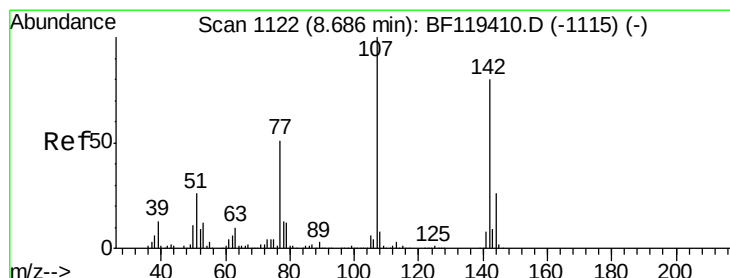
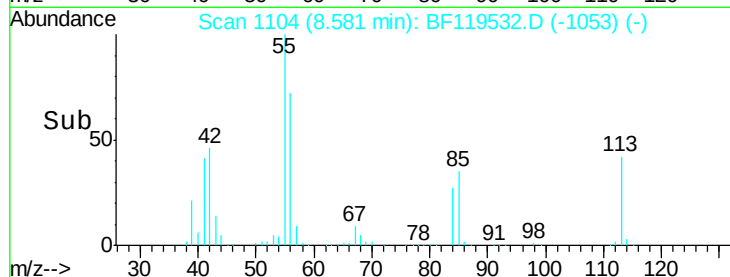
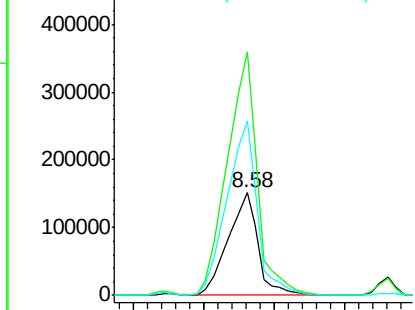
#35
 Caprolactam
 Concen: 39.857 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 221533
 Ion Ratio Lower Upper
 113 100
 55 238.0 208.4 248.4
 56 170.9 138.9 178.9

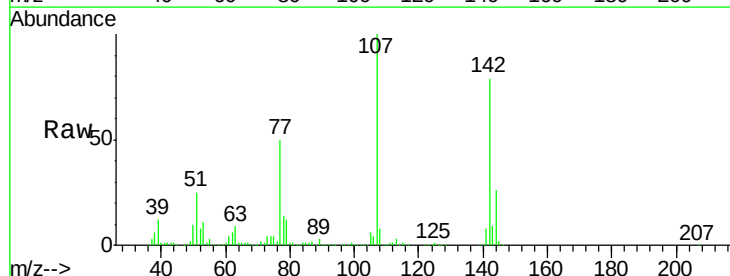


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

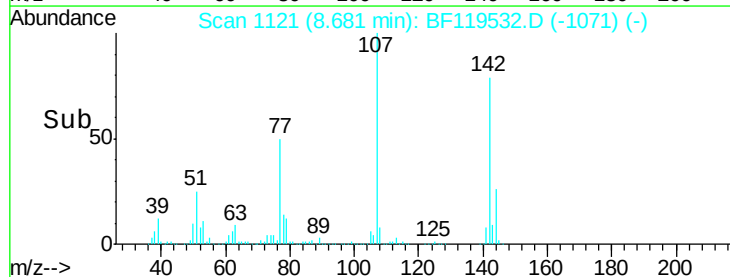
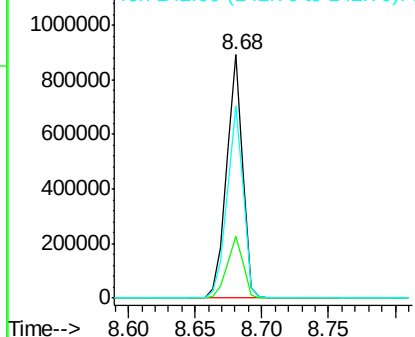


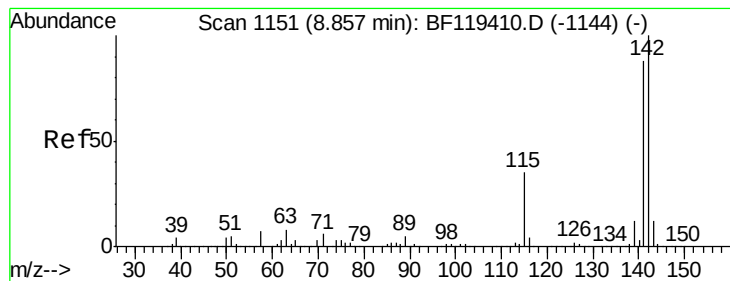
#36
 4-Chloro-3-methylphenol
 Concen: 41.183 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion:107 Resp: 764446
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 31.0
 142 78.8 63.8 95.6



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: 41.828 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

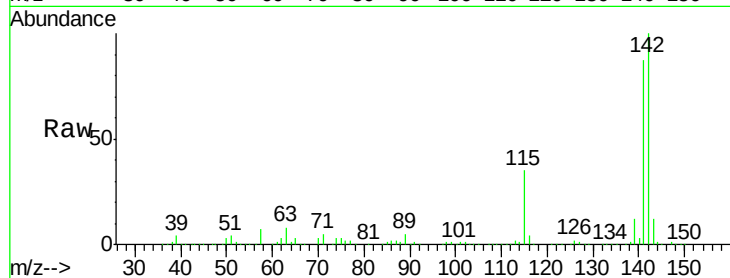
Tgt Ion:142 Resp: 1630995

Ion Ratio Lower Upper

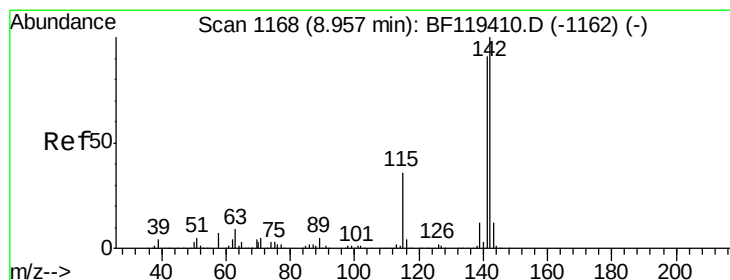
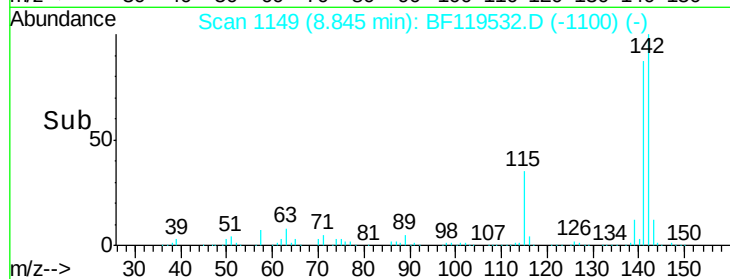
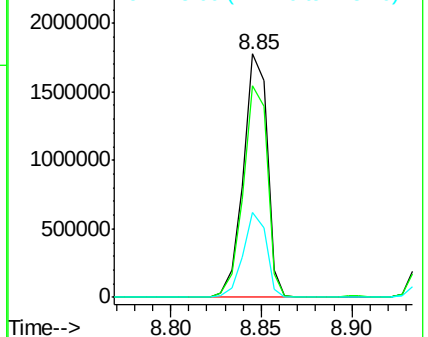
142 100

141 86.7 70.4 105.6

115 34.9 27.8 41.6



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: 41.050 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

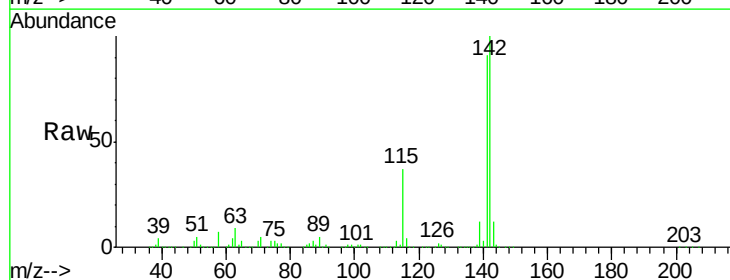
Tgt Ion:142 Resp: 1515047

Ion Ratio Lower Upper

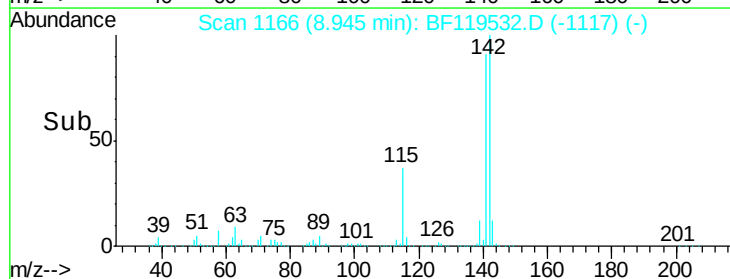
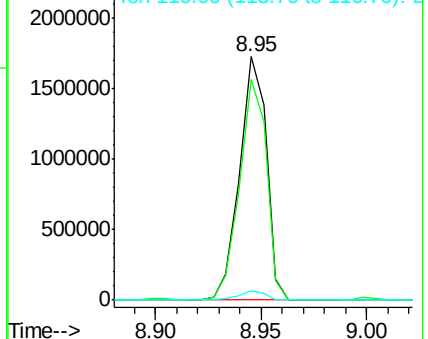
142 100

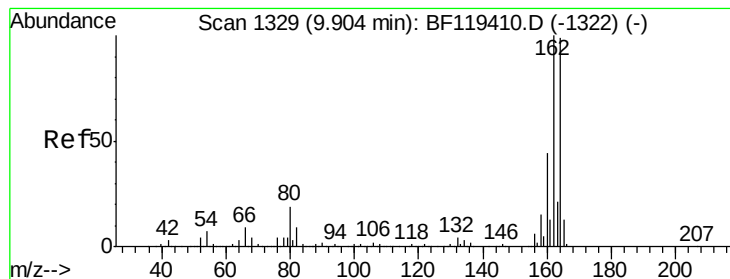
141 90.7 73.1 109.7

116 3.9 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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

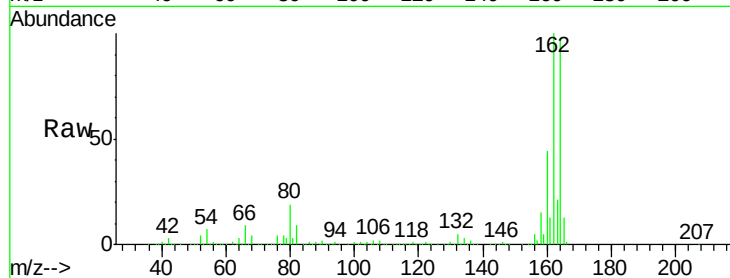
Tgt Ion:164 Resp: 565558

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

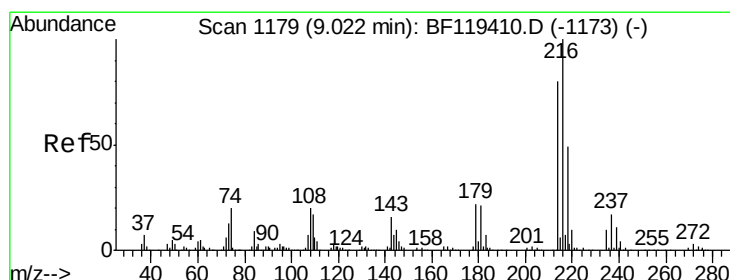
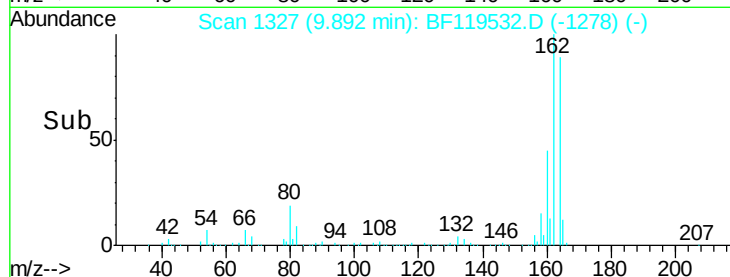
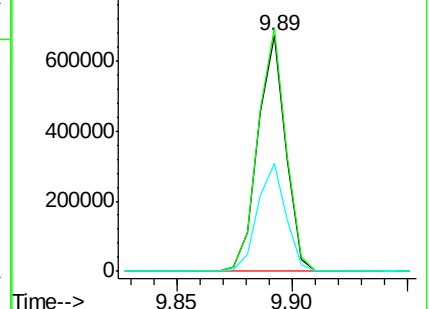
160 45.9 35.5 53.3



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: 45.834 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Tgt Ion:216 Resp: 759792

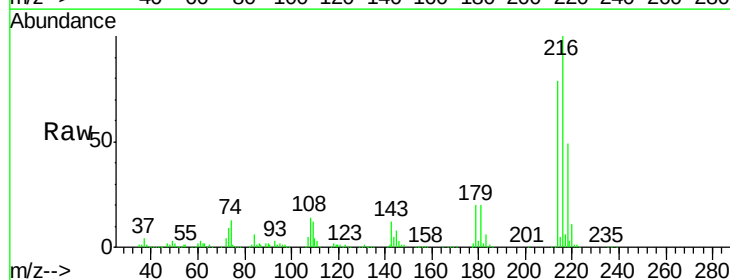
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 21.1 17.0 25.4

108 16.8 15.4 23.0

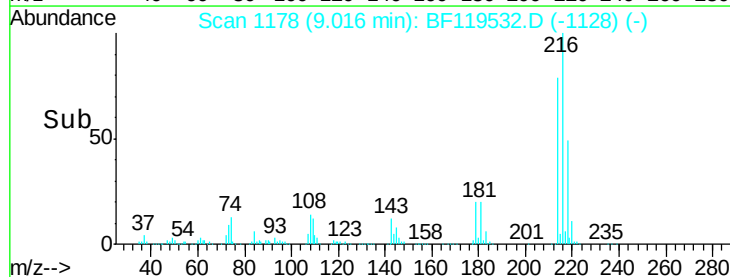
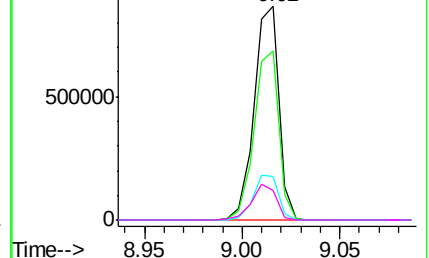


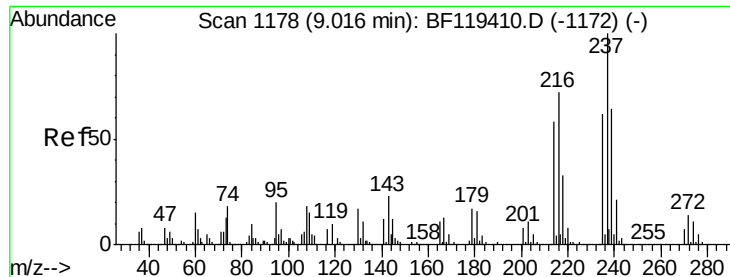
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.903 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

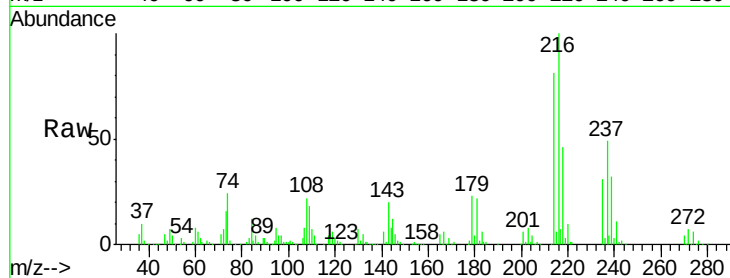
Tgt Ion: 237 Resp: 121601

Ion Ratio Lower Upper

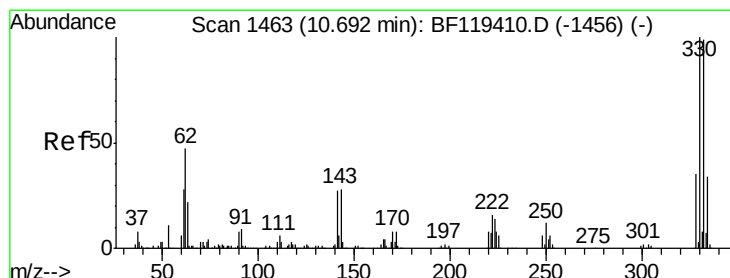
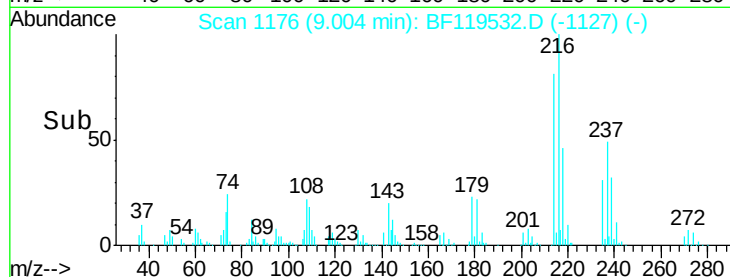
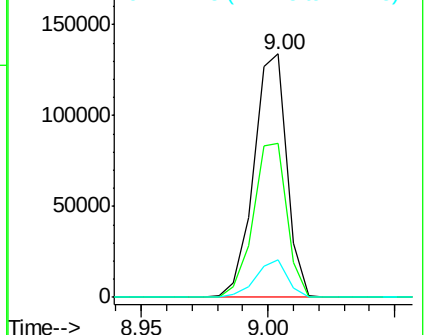
237 100

235 63.4 42.5 82.5

272 15.4 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 85.459 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

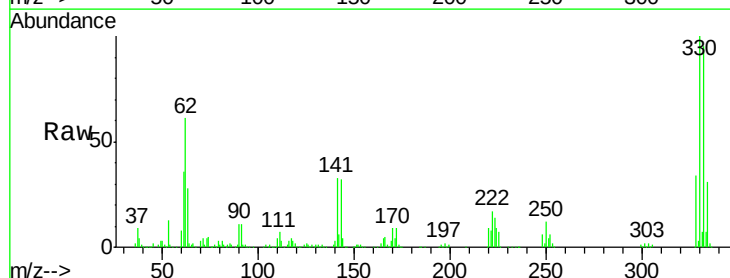
Tgt Ion: 330 Resp: 498626

Ion Ratio Lower Upper

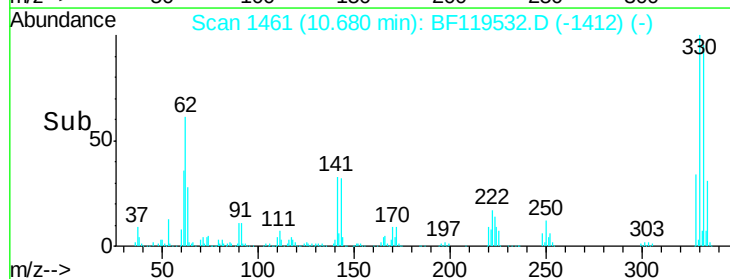
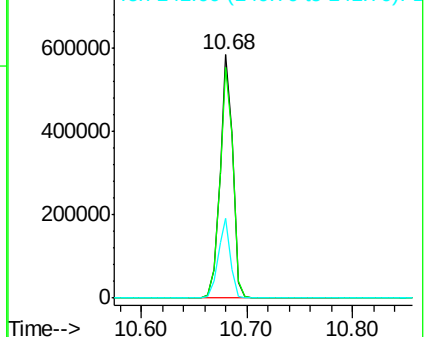
330 100

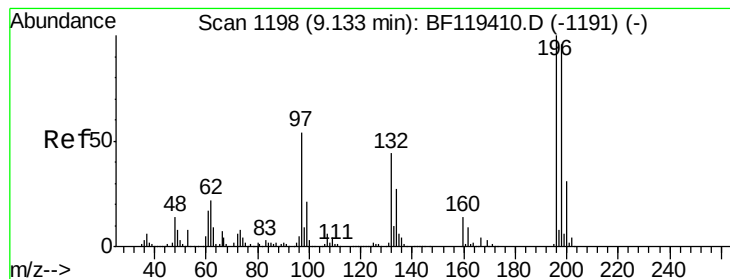
332 97.2 77.6 116.4

141 31.6 26.6 40.0



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

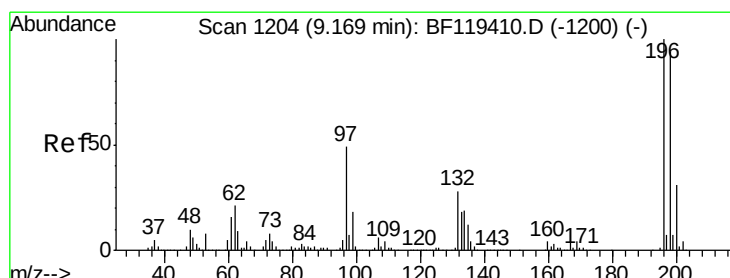
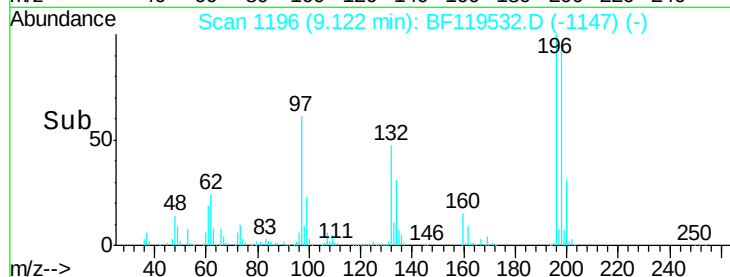
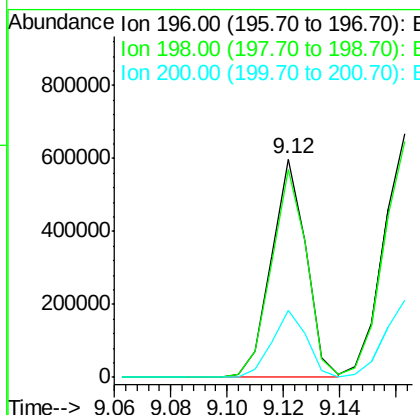
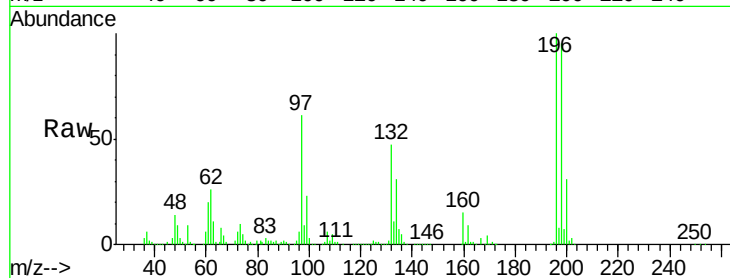




#43
 2,4,6-Trichlorophenol
 Concen: 42.987 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

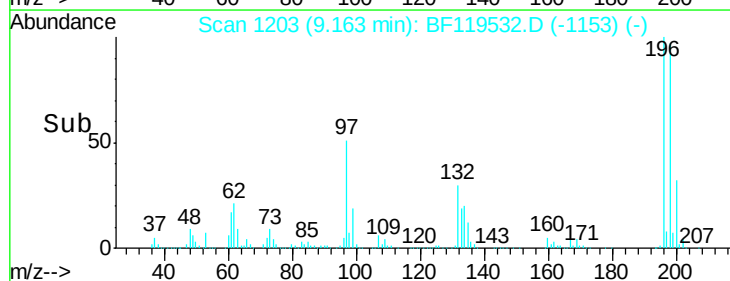
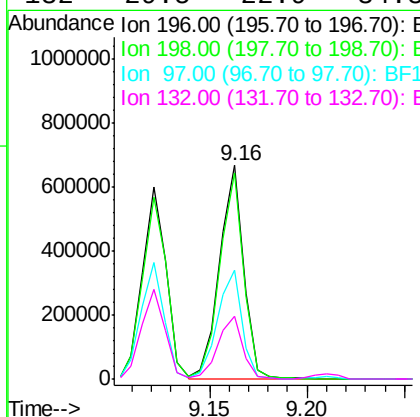
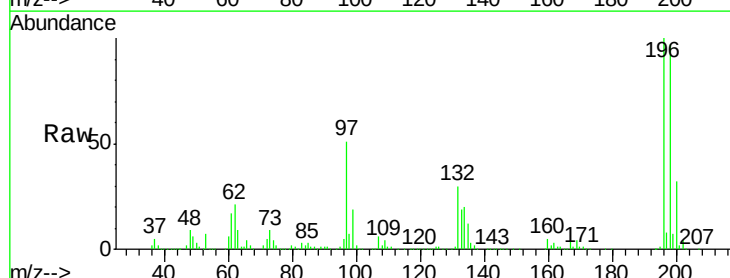
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

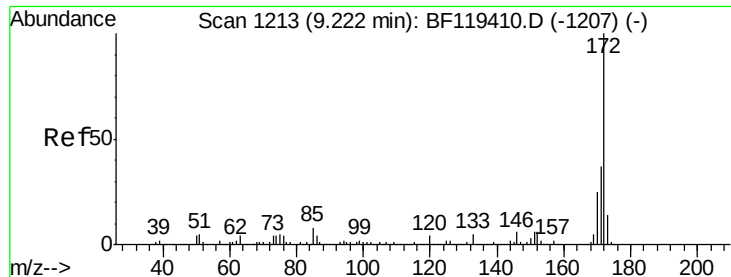
Tgt Ion:	196	Resp:	509951
Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.0	115.4
200	31.0	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.930 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion:	196	Resp:	570497
Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.3	112.9
97	50.7	39.0	58.4
132	29.5	22.9	34.3

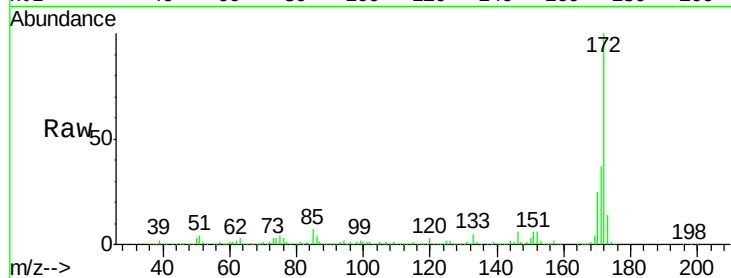




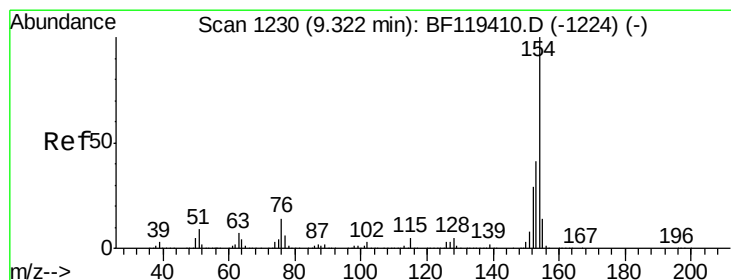
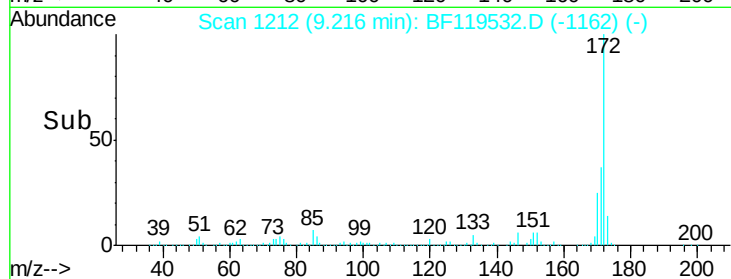
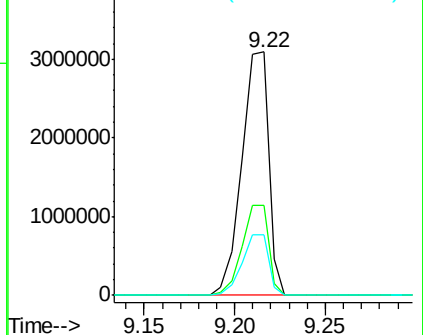
#45
 2-Fluorobiphenyl
 Concen: 83.684 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:172 Resp: 3194668
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 25.1 20.1 30.1

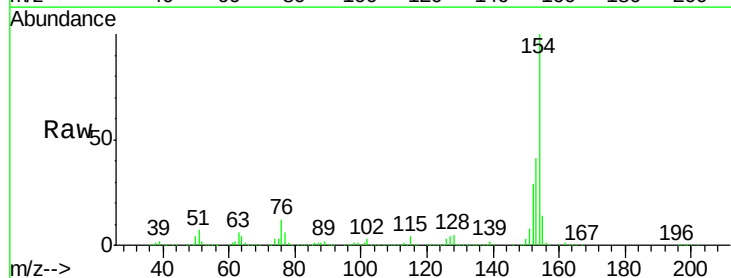


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

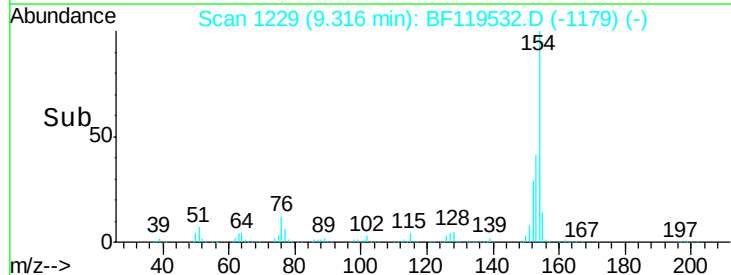
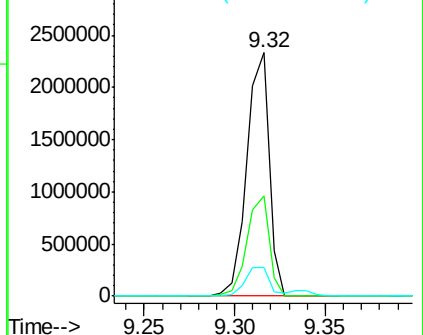


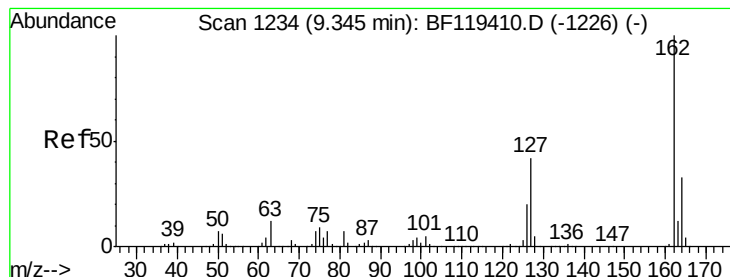
#46
 1,1'-Biphenyl
 Concen: 43.347 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion:154 Resp: 1996637
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.4 61.4
 76 11.7 0.0 33.6



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: 41.962 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

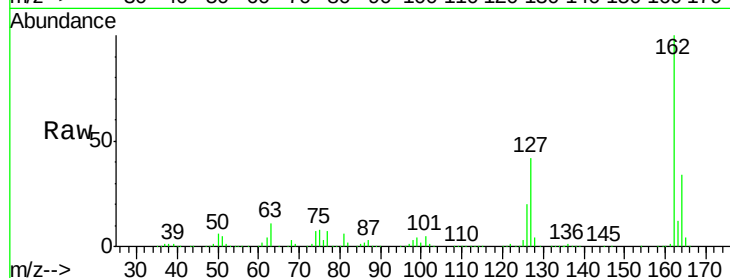
Tgt Ion:162 Resp: 1514027

Ion Ratio Lower Upper

162 100

127 41.7 33.7 50.5

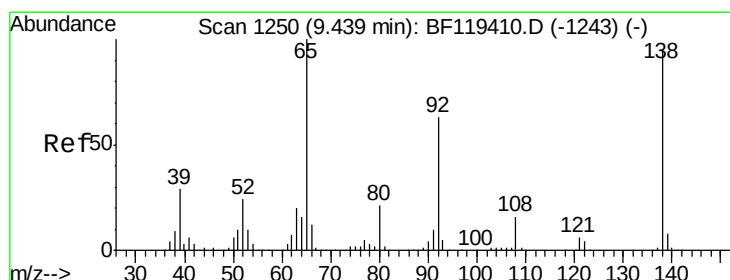
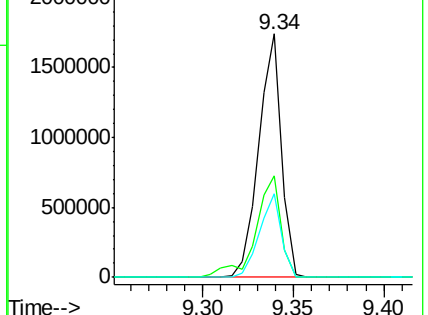
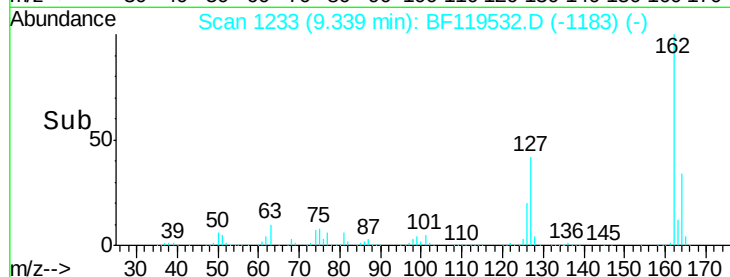
164 34.1 26.2 39.4



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: 46.721 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

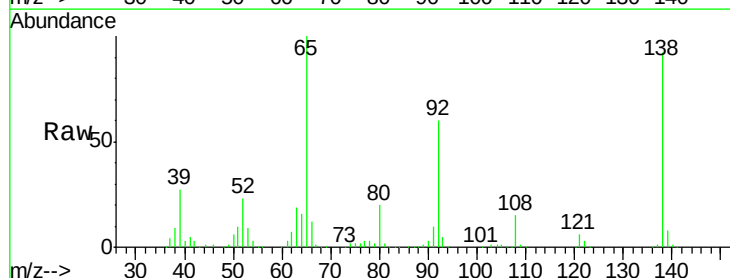
Tgt Ion: 65 Resp: 581854

Ion Ratio Lower Upper

65 100

92 59.7 50.5 75.7

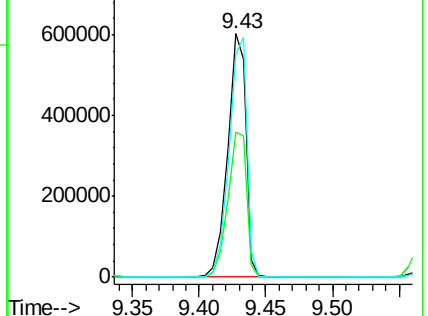
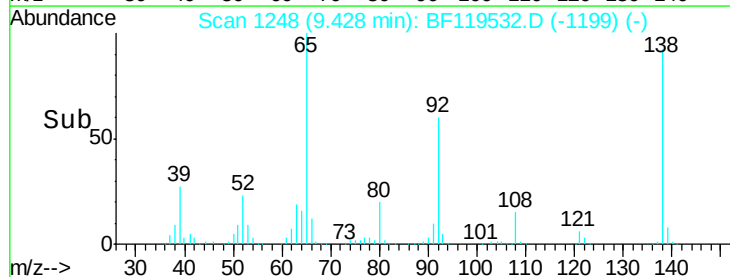
138 91.7 75.8 113.8

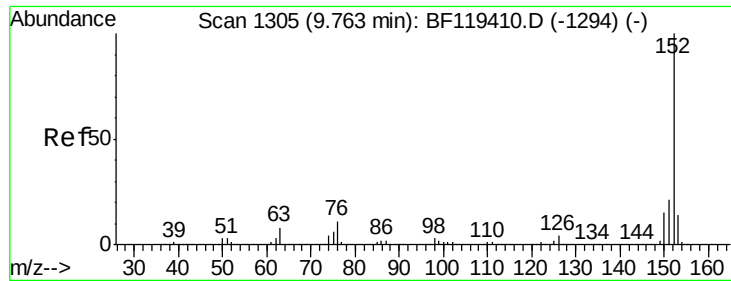


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.581 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

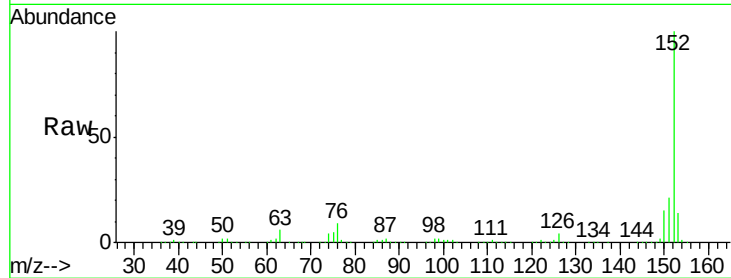
Tgt Ion:152 Resp: 2299291

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

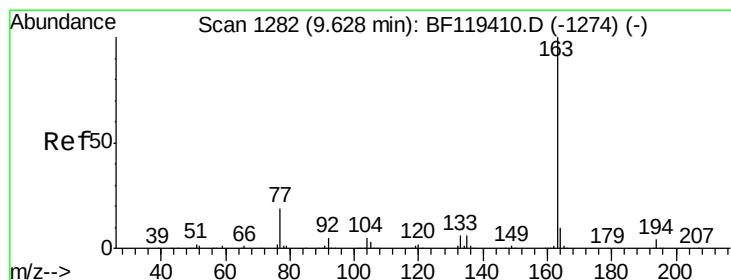
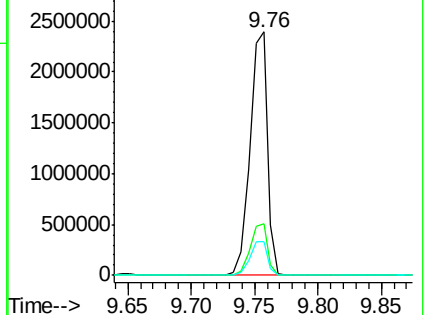
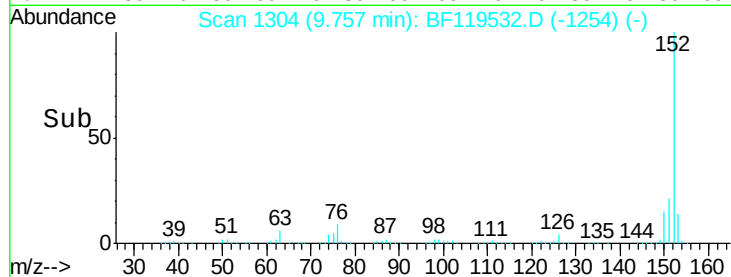
153 13.6 11.2 16.8



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: 45.216 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

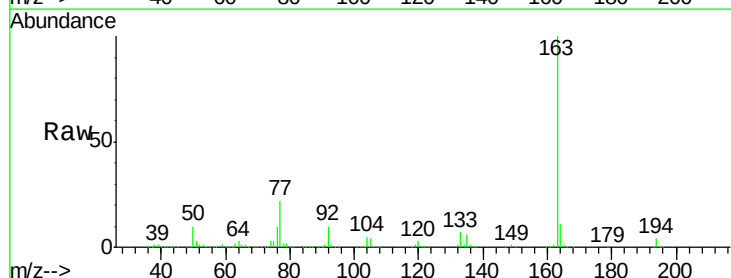
Tgt Ion:163 Resp: 1816395

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

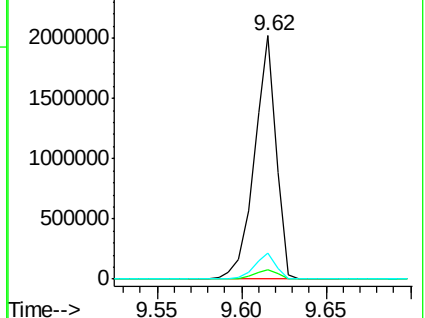
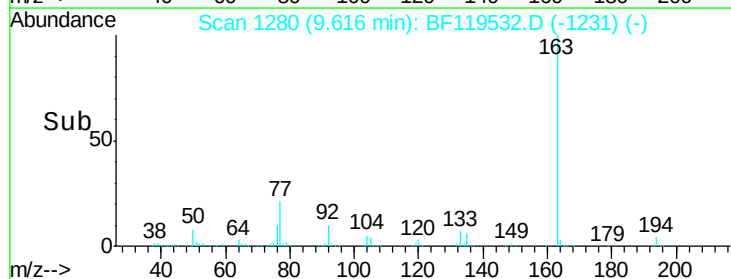
164 10.8 8.1 12.1

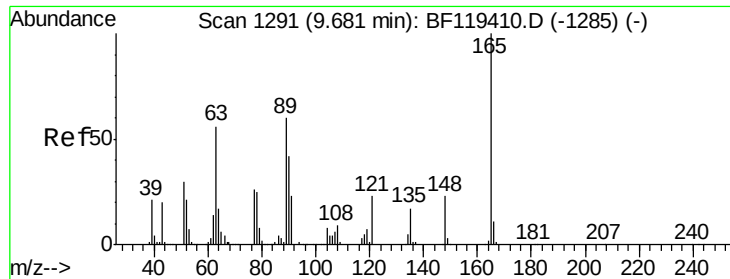


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

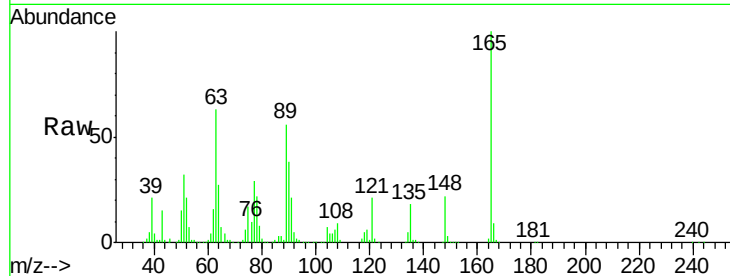




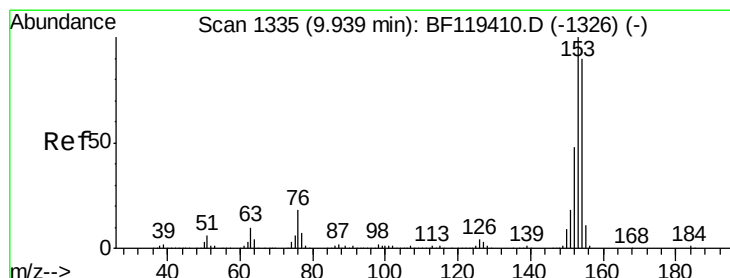
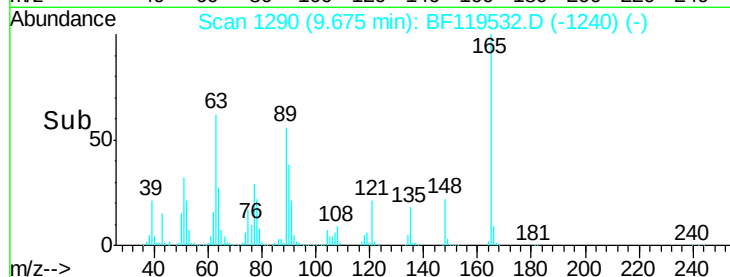
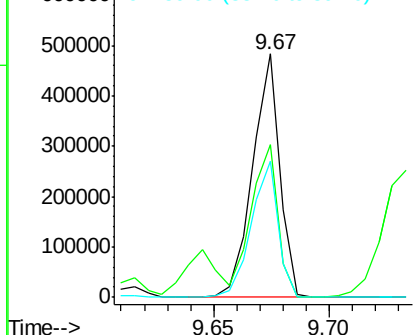
#51
2,6-Dinitrotoluene
Concen: 46.082 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 396794
Ion Ratio Lower Upper
165 100
63 62.6 57.3 85.9
89 55.8 47.8 71.8

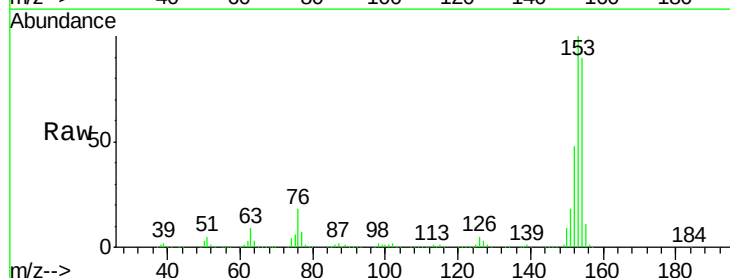


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

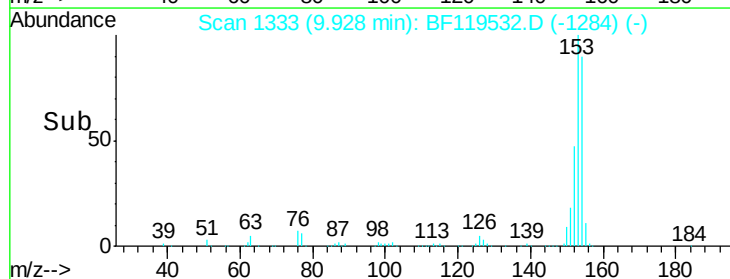
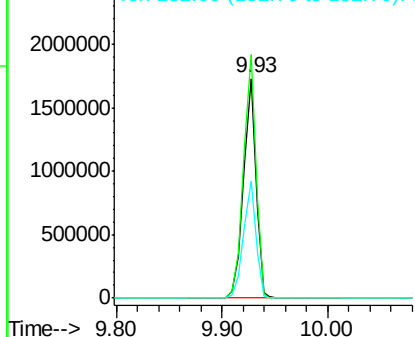


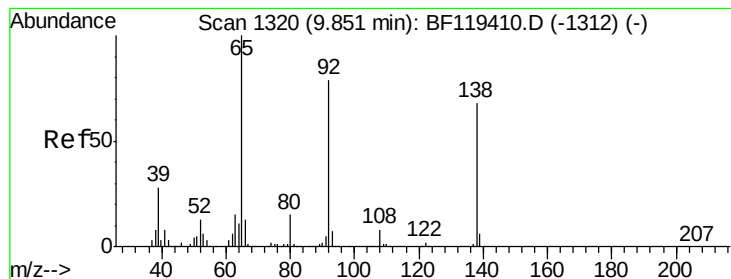
#52
Acenaphthene
Concen: 39.560 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:154 Resp: 1397353
Ion Ratio Lower Upper
154 100
153 111.0 89.0 133.6
152 53.2 43.1 64.7



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





#53

3-Nitroaniline

Concen: 42.831 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

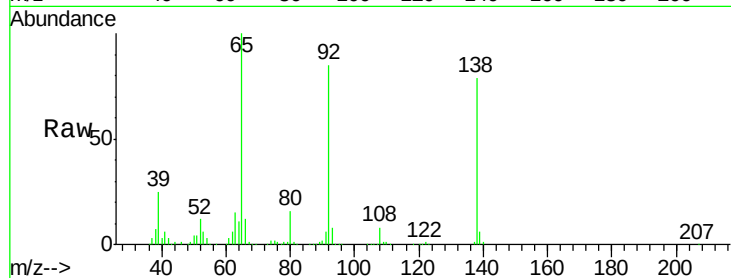
Tgt Ion:138 Resp: 465600

Ion Ratio Lower Upper

138 100

108 9.9 9.0 13.6

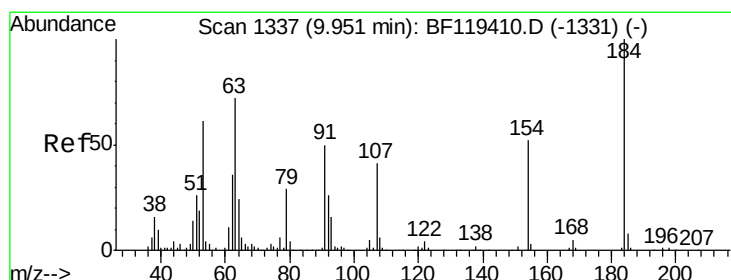
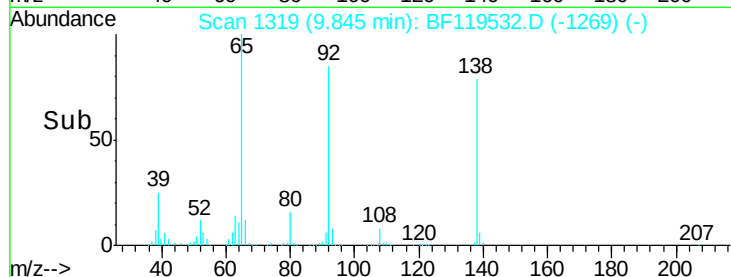
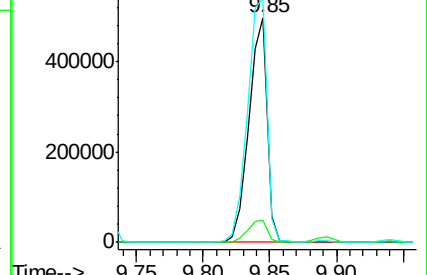
92 108.3 93.2 139.8



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: 13.293 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

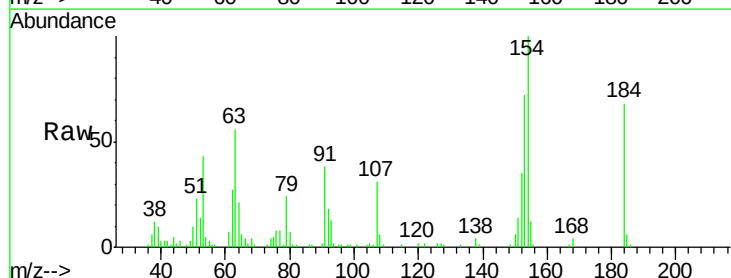
Tgt Ion:184 Resp: 24671

Ion Ratio Lower Upper

184 100

63 83.0 58.5 87.7

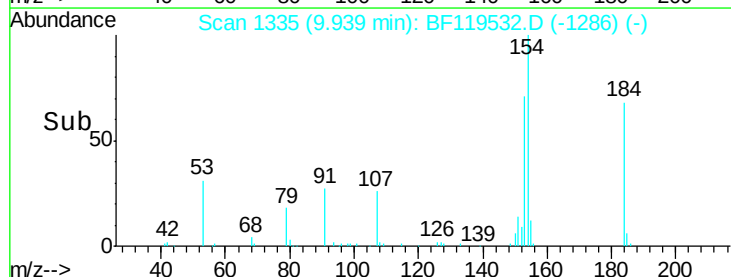
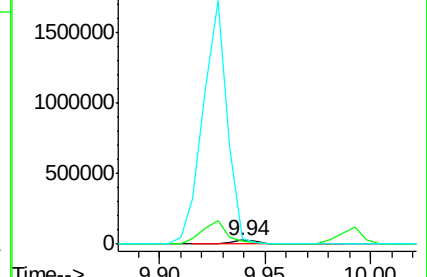
154 147.9 51.8 77.6#

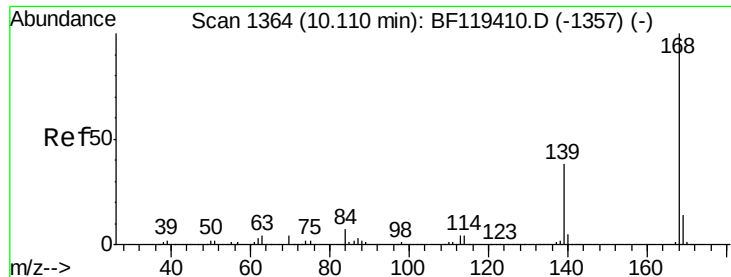


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

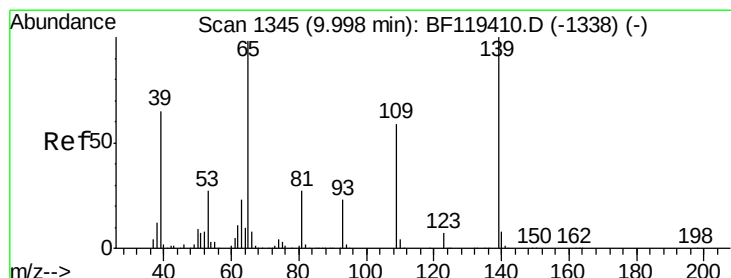
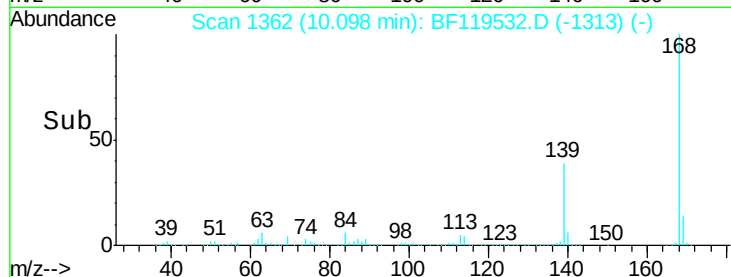
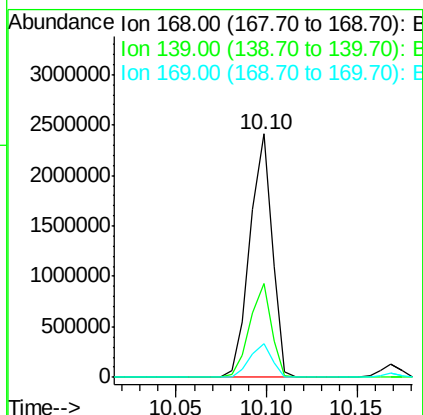
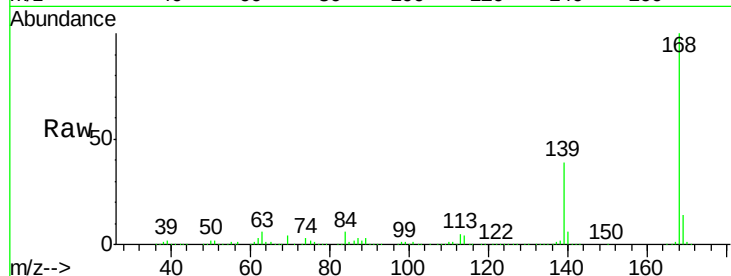




#55
Dibenzofuran
Concen: 40.778 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

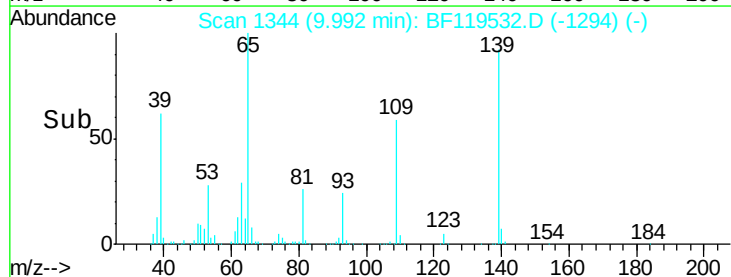
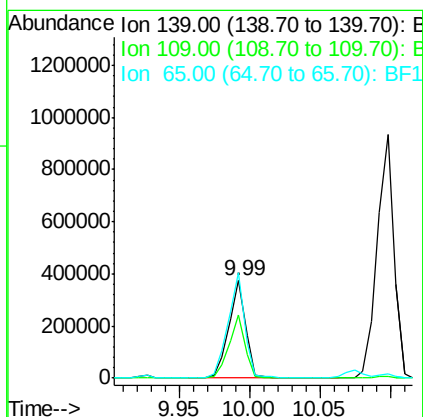
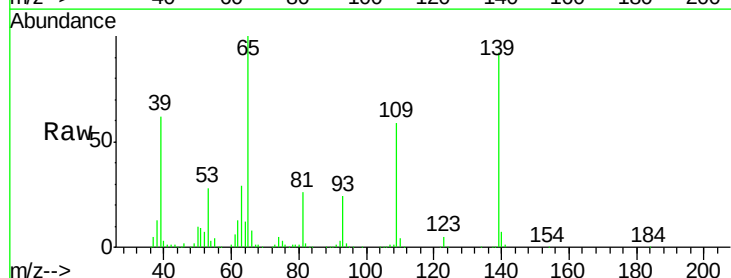
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

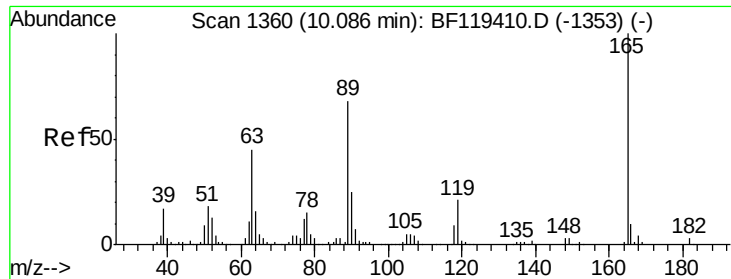
Tgt Ion:168 Resp: 2065154
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.4
169 13.7 11.1 16.7



#56
4-Nitrophenol
Concen: 36.394 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:139 Resp: 312099
Ion Ratio Lower Upper
139 100
109 64.6 39.6 79.6
65 108.9 78.3 118.3

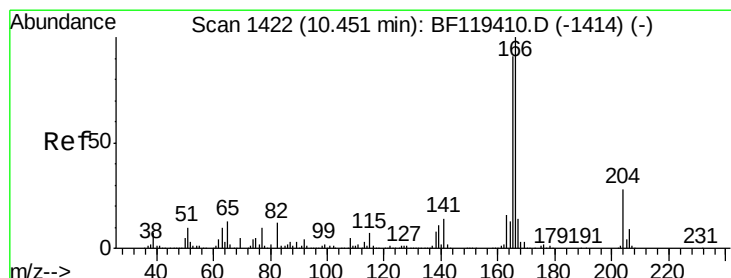
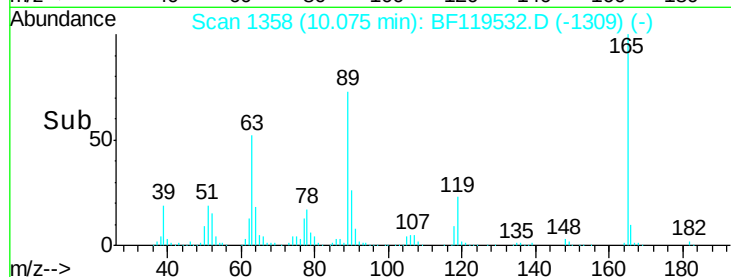
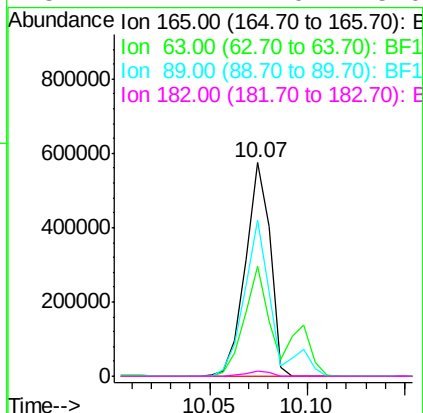
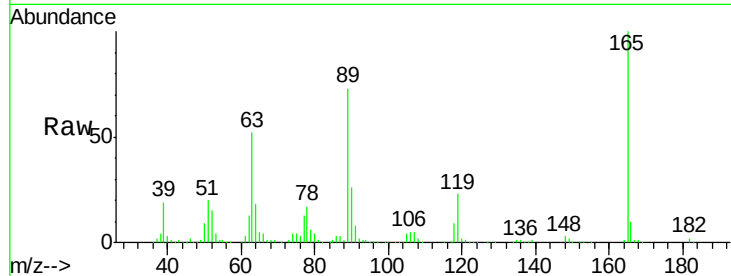




#57
2,4-Dinitrotoluene
Concen: 46.671 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

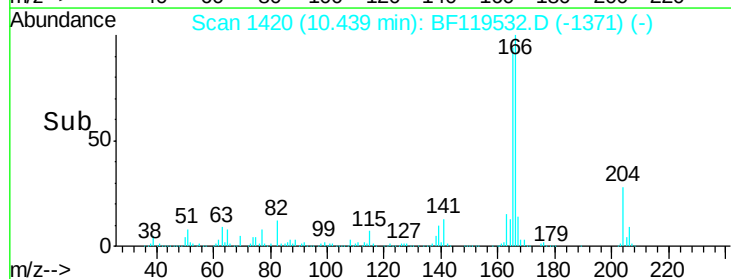
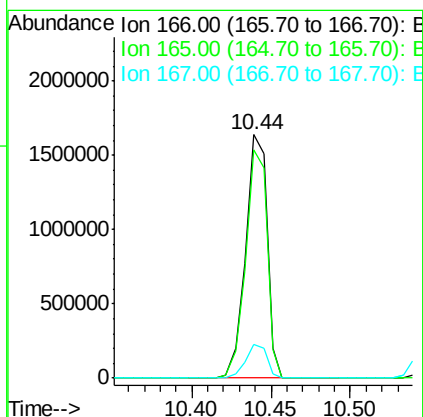
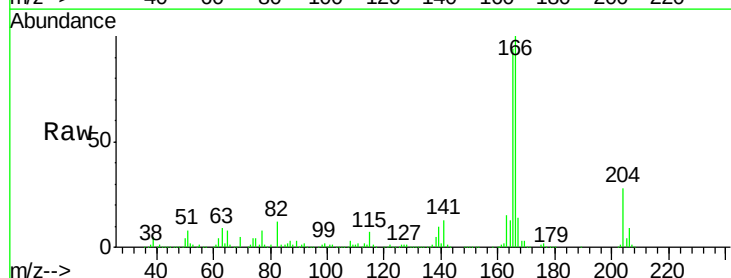
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

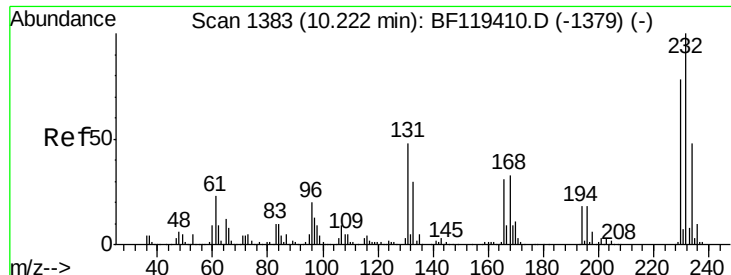
Tgt Ion:	165	Resp:	506240
Ion	Ratio	Lower	Upper
165	100		
63	51.9	36.2	54.4
89	73.2	54.3	81.5
182	2.4	2.0	3.0



#58
Fluorene
Concen: 41.155 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:	166	Resp:	1541272
Ion	Ratio	Lower	Upper
166	100		
165	94.0	73.1	109.7
167	13.7	11.0	16.6

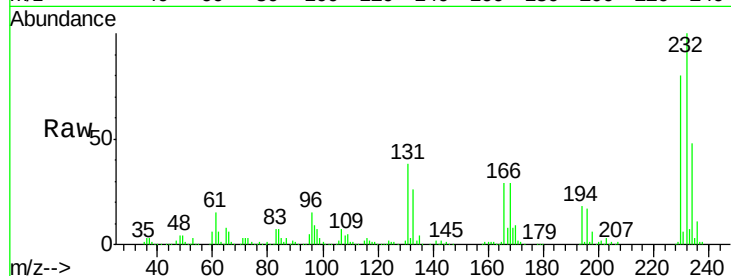




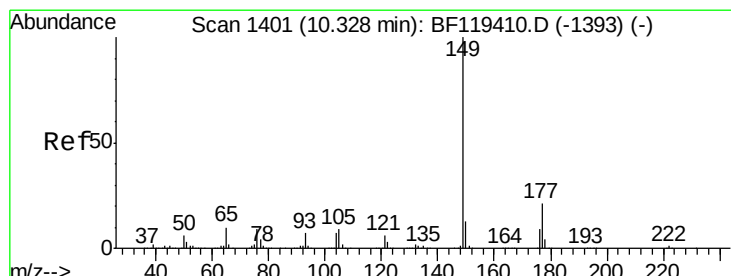
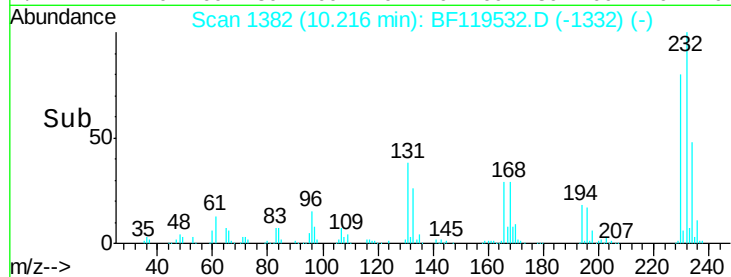
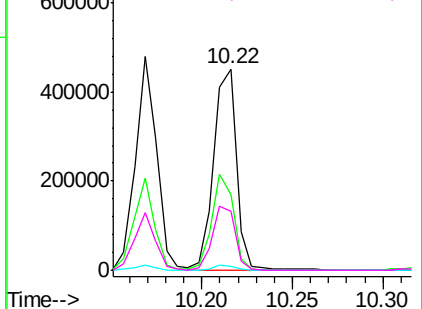
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.740 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 232 Resp: 394754
 Ion Ratio Lower Upper
 232 100
 131 45.9 36.3 54.5
 130 2.3 1.8 2.6
 166 32.1 24.9 37.3

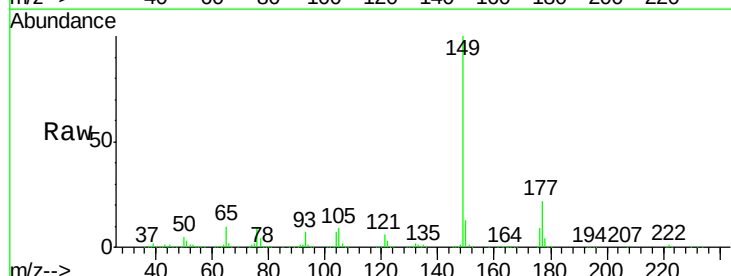


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

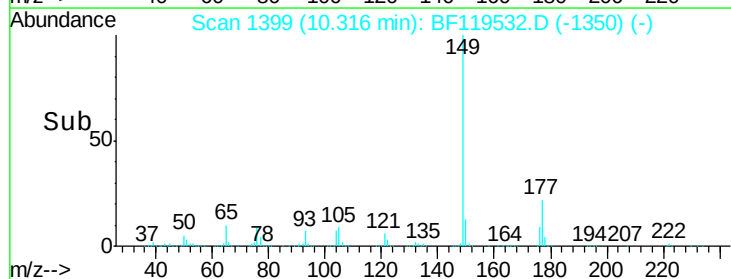
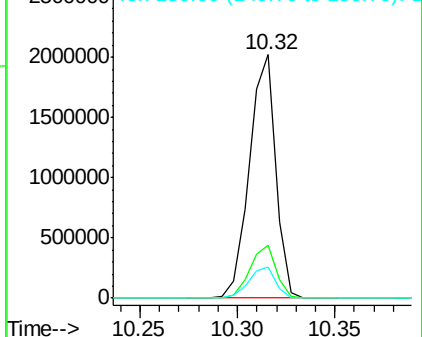


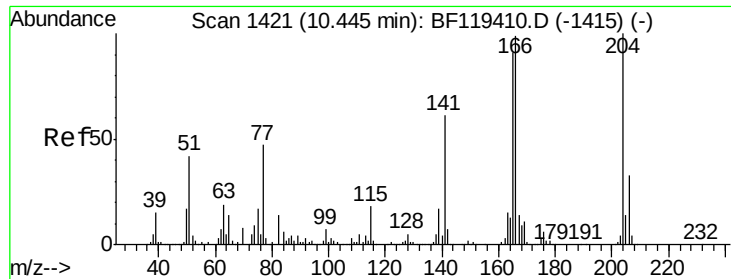
#60
 Diethylphthalate
 Concen: 46.240 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion: 149 Resp: 1885279
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.0 25.6
 150 12.8 10.2 15.4



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

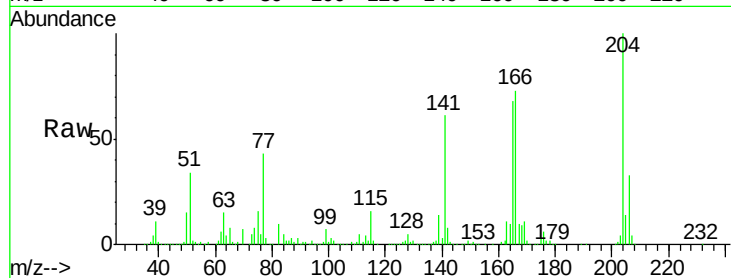




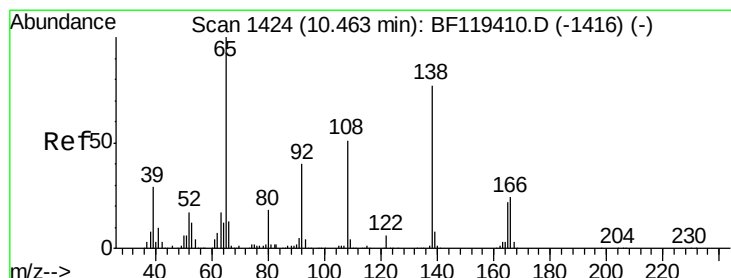
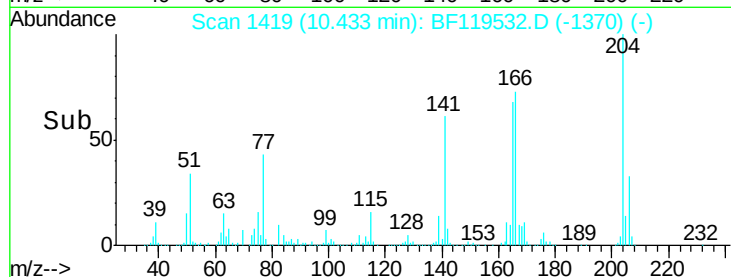
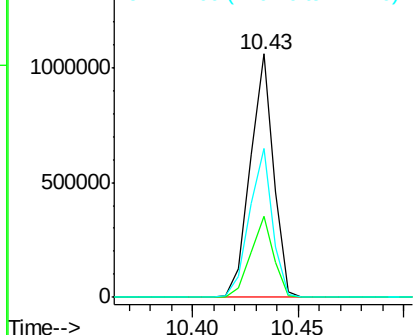
#61
 4-Chlorophenyl-phenylether
 Concen: 44.341 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 204 Resp: 812056
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 61.3 48.8 73.2

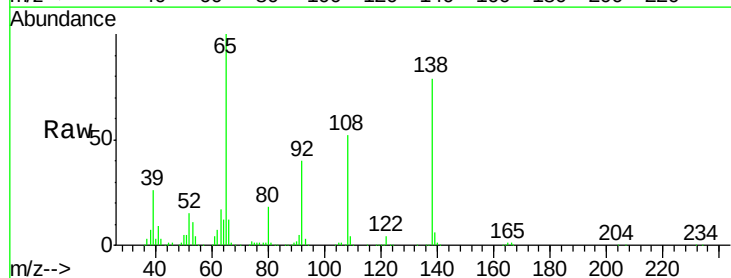


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

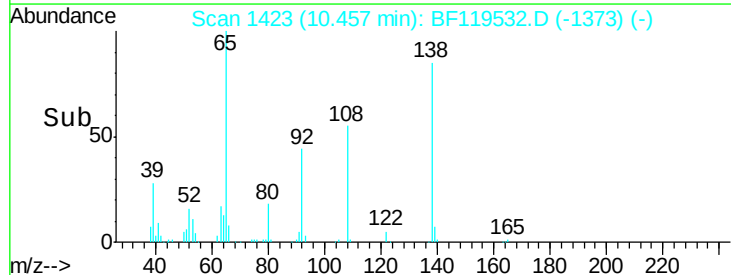
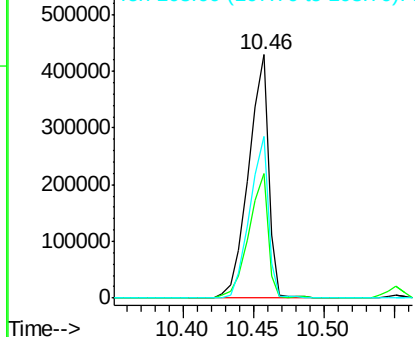


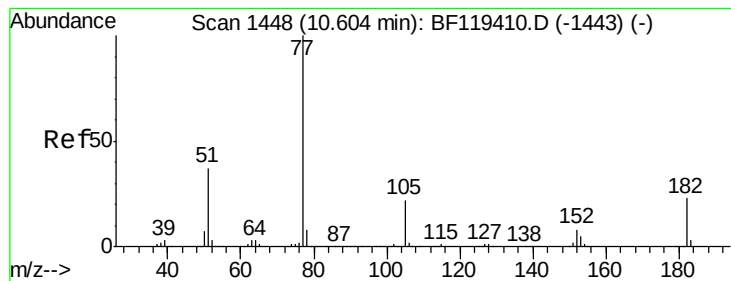
#62
 4-Nitroaniline
 Concen: 41.131 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion: 138 Resp: 428762
 Ion Ratio Lower Upper
 138 100
 92 51.1 32.0 72.0
 108 66.3 46.0 86.0



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





#63

Azobenzene

Concen: 40.875 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 1678253

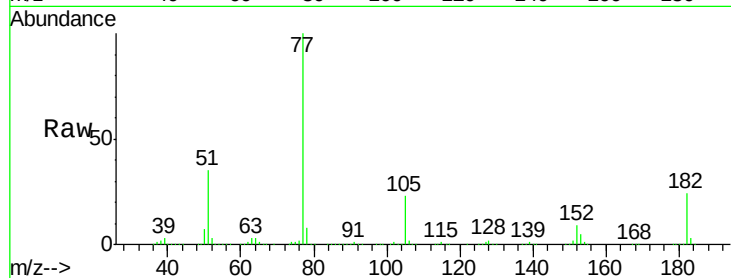
Ion Ratio Lower Upper

77 100

182 24.2 2.5 42.5

105 23.2 2.5 42.5

51 35.0 17.1 57.1

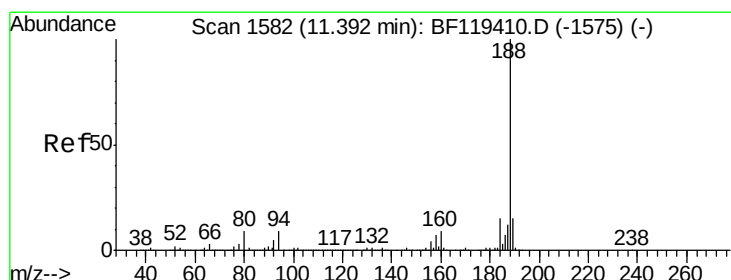
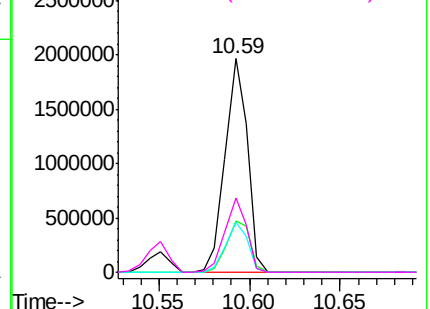
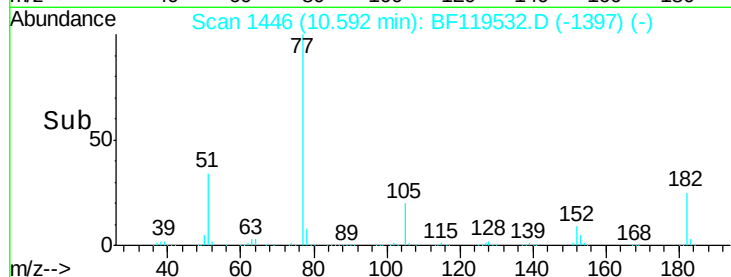


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

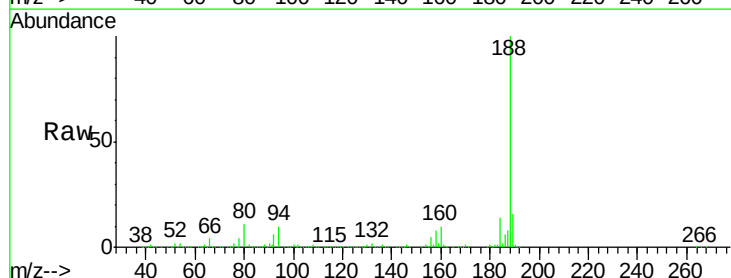
Tgt Ion: 188 Resp: 954653

Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

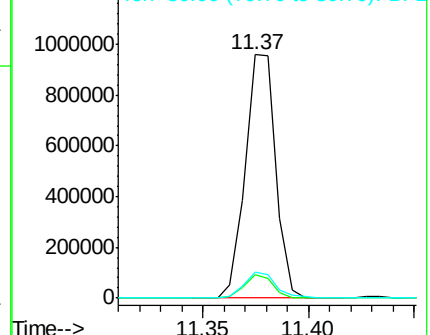
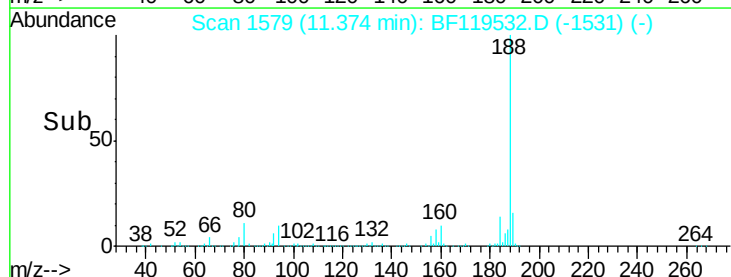
80 10.6 7.5 11.3

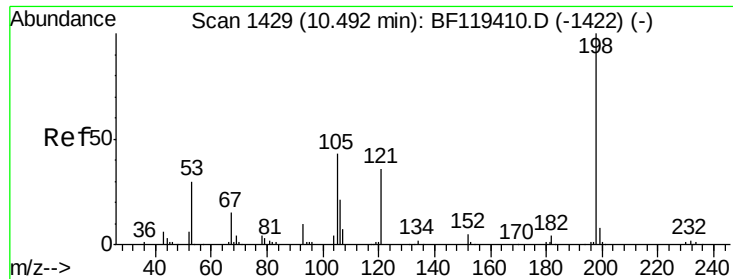


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

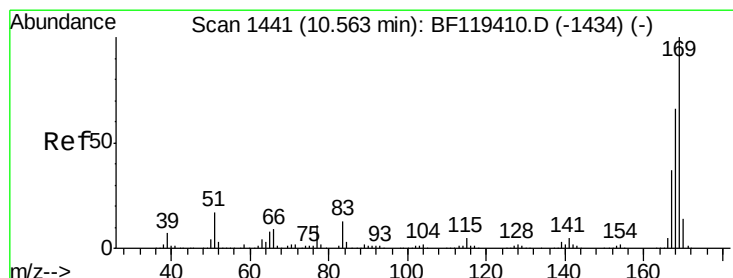
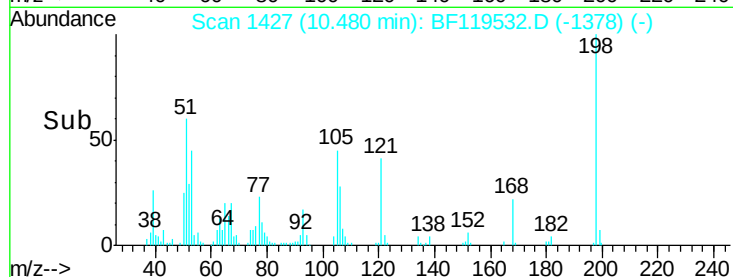
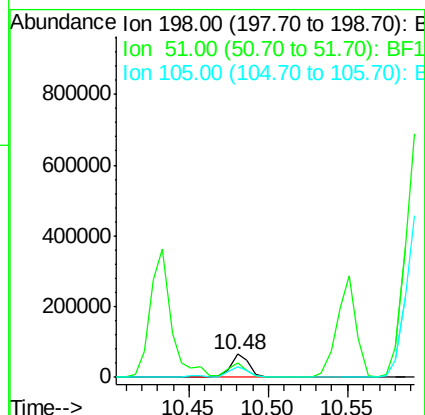
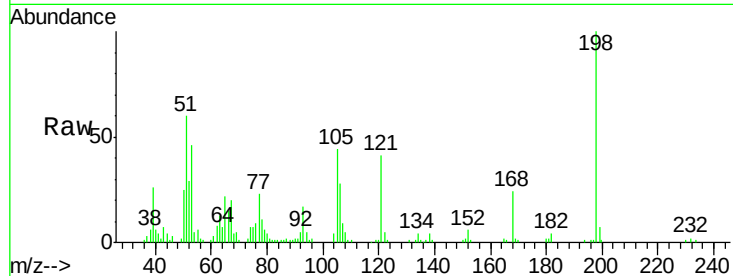




#65
4,6-Dinitro-2-methylphenol
Concen: 13.412 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

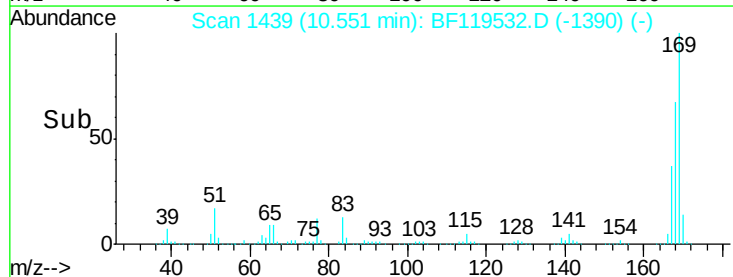
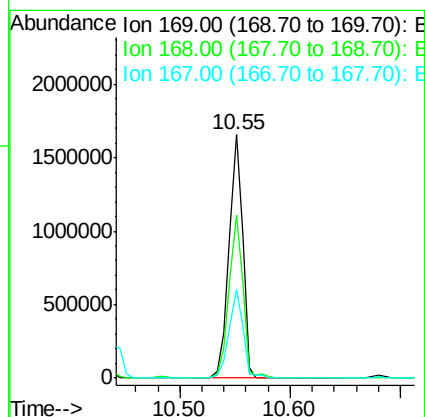
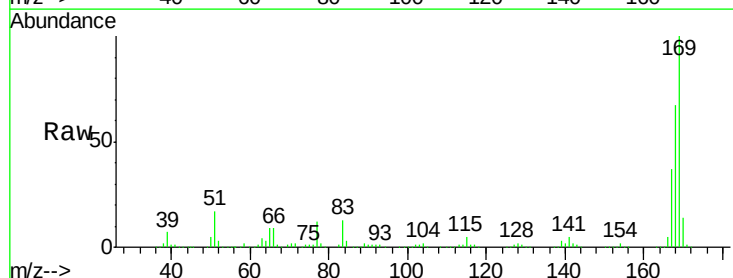
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

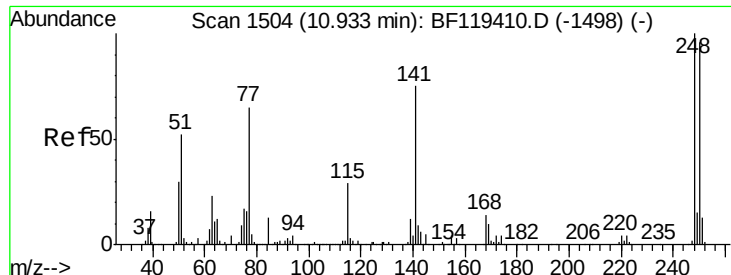
Tgt Ion:198 Resp: 53691
Ion Ratio Lower Upper
198 100
51 59.7 33.1 73.1
105 44.3 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 46.227 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:169 Resp: 1448733
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 36.6 29.3 43.9

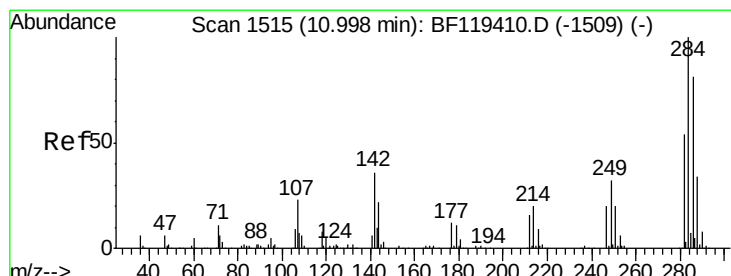
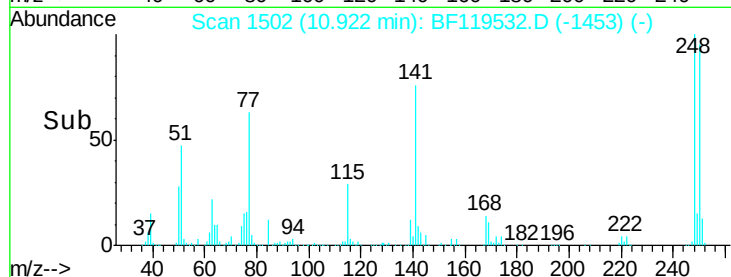
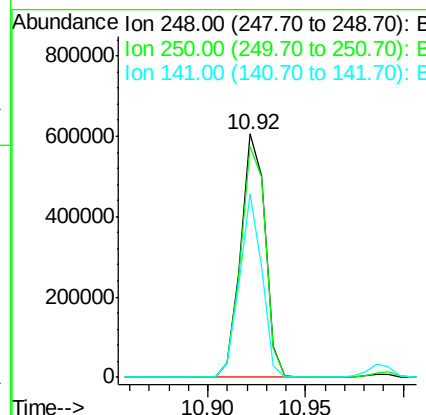
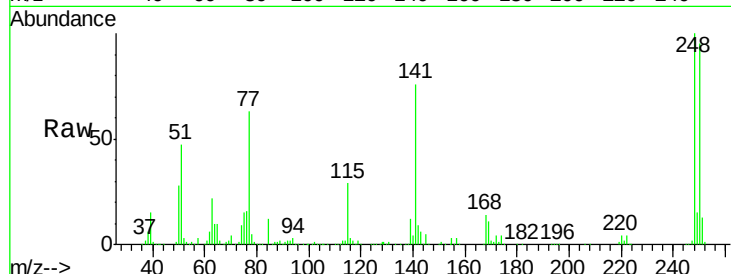




#67
 4-Bromophenyl-phenylether
 Concen: 48.215 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

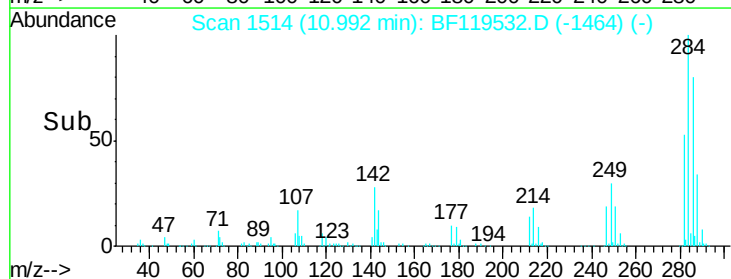
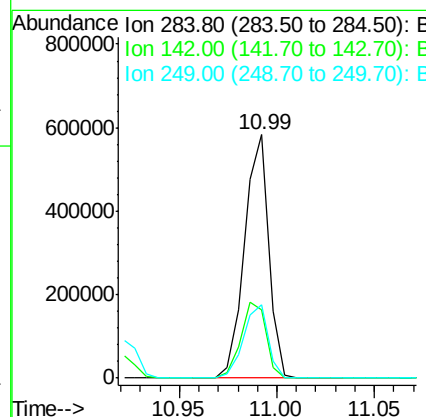
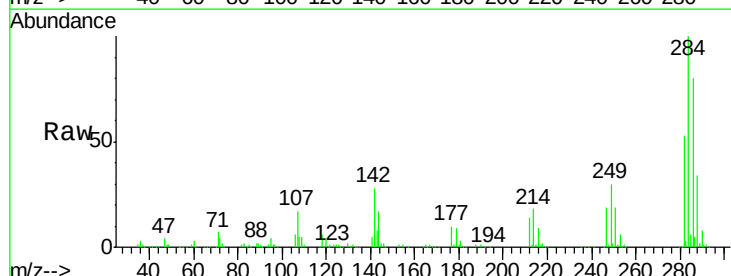
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

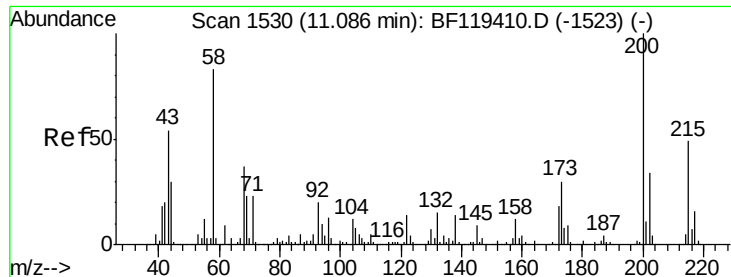
Tgt Ion:248 Resp: 524205
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.0 115.6
 141 75.5 59.7 89.5



#68
 Hexachlorobenzene
 Concen: 45.063 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion:284 Resp: 501446
 Ion Ratio Lower Upper
 284 100
 142 28.1 28.7 43.1#
 249 30.2 25.4 38.0





#69

Atrazine

Concen: 46.269 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

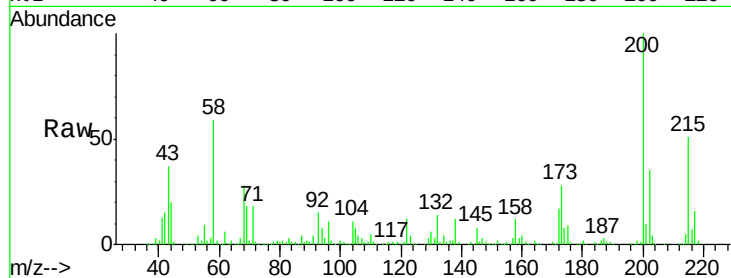
Tgt Ion:200 Resp: 397530

Ion Ratio Lower Upper

200 100

173 27.8 9.9 49.9

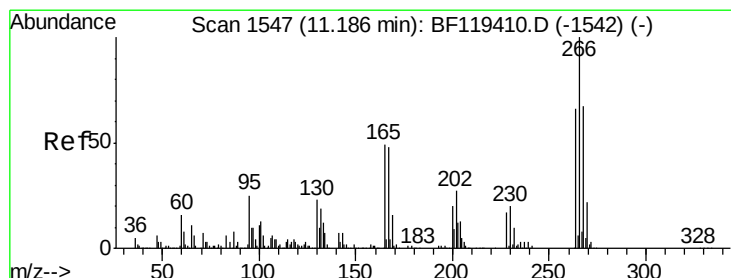
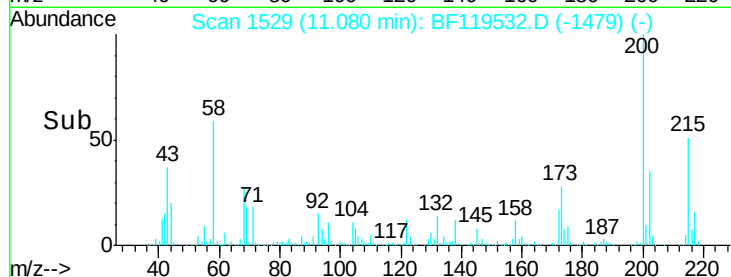
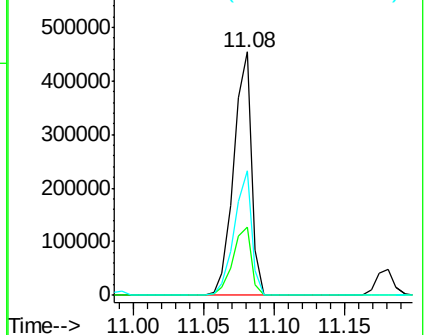
215 50.9 29.4 69.4



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: 35.330 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

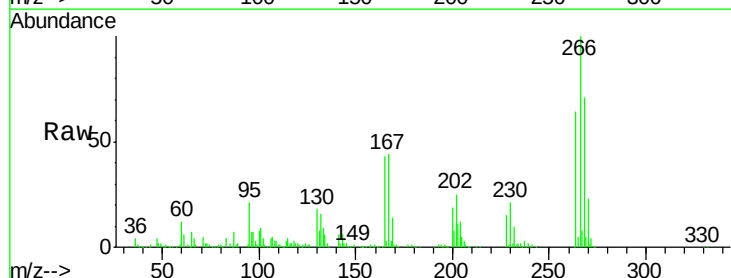
Tgt Ion:266 Resp: 230518

Ion Ratio Lower Upper

266 100

268 71.4 53.7 80.5

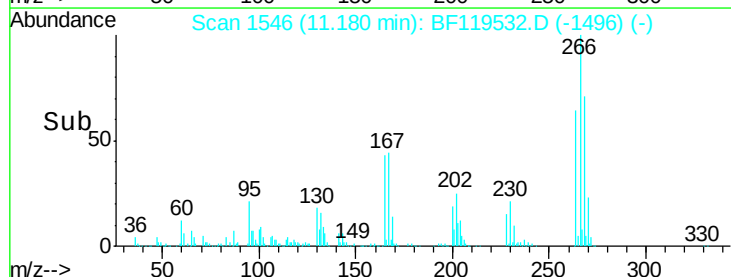
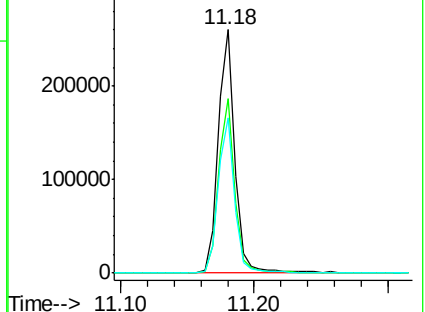
264 63.7 52.5 78.7

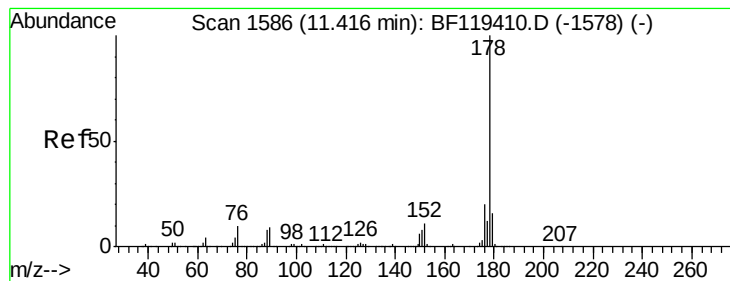


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.884 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

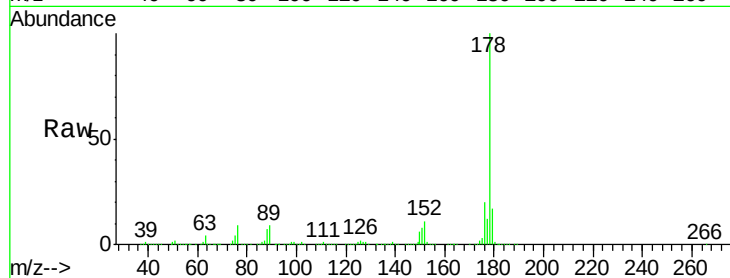
Tgt Ion:178 Resp: 2023804

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

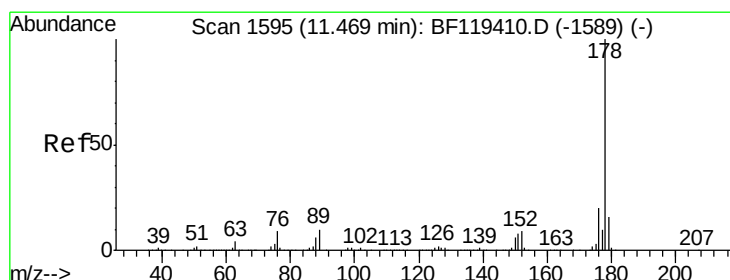
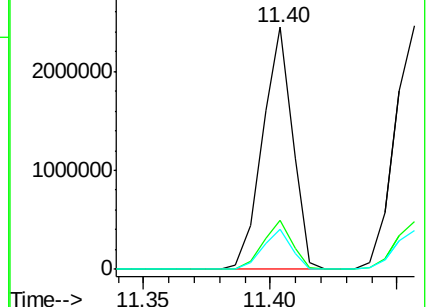
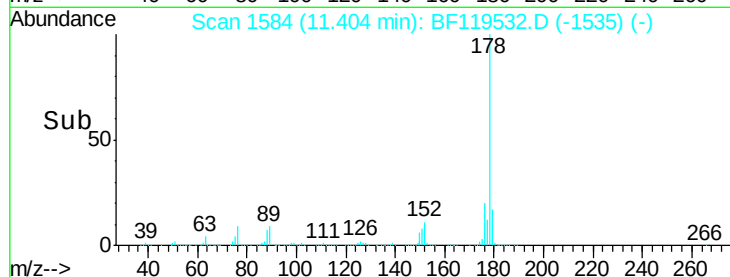
179 16.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.642 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

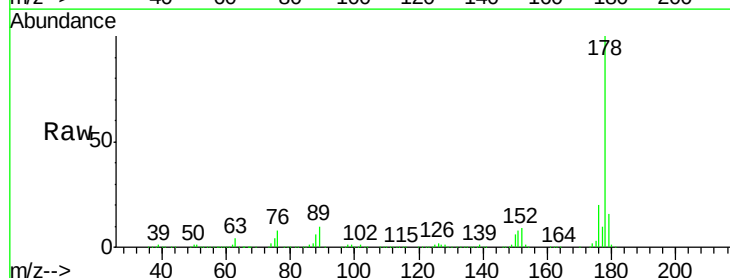
Tgt Ion:178 Resp: 2044686

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

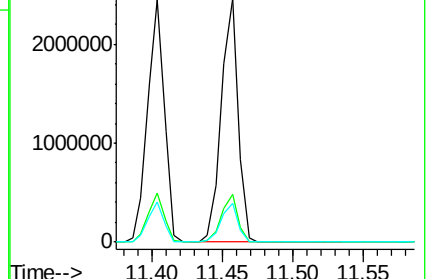
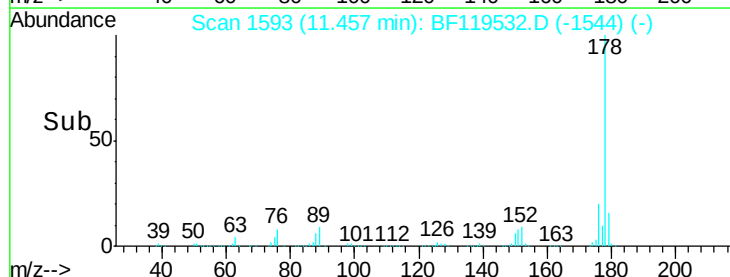
179 15.7 13.1 19.7

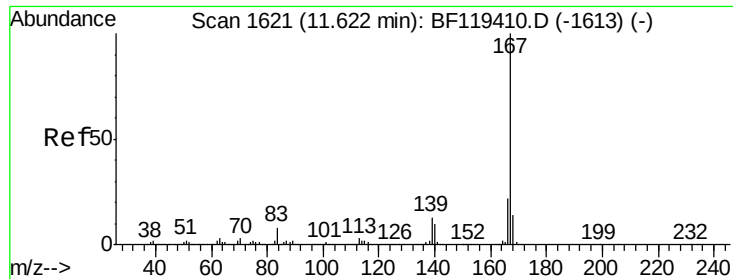


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

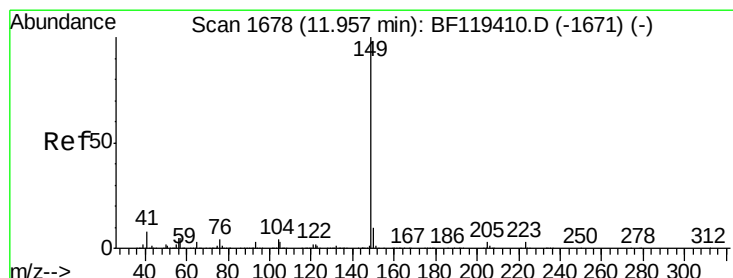
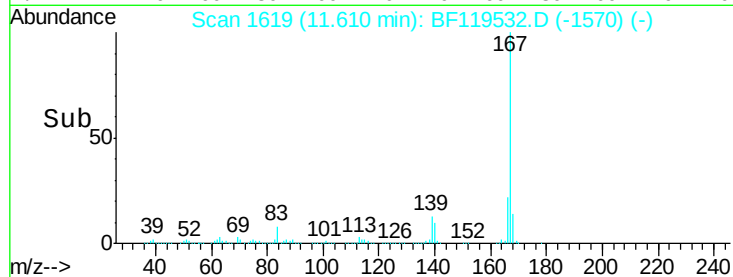
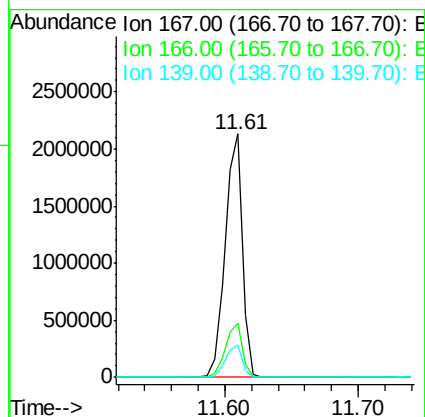
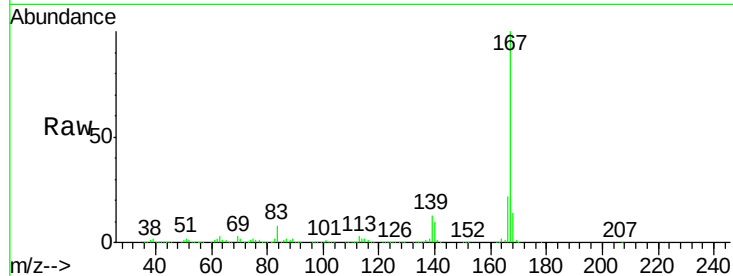




#73
 Carbazole
 Concen: 39.161 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

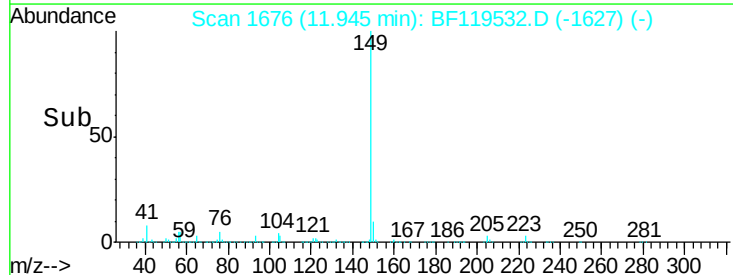
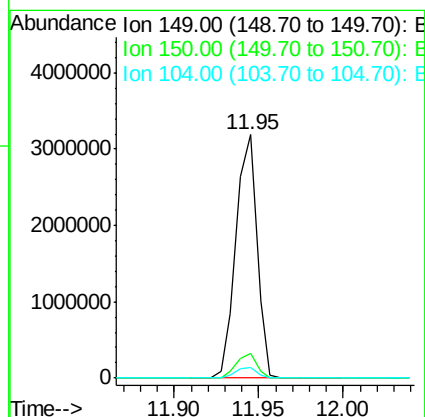
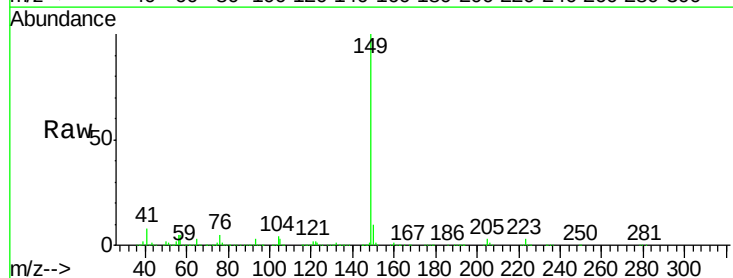
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

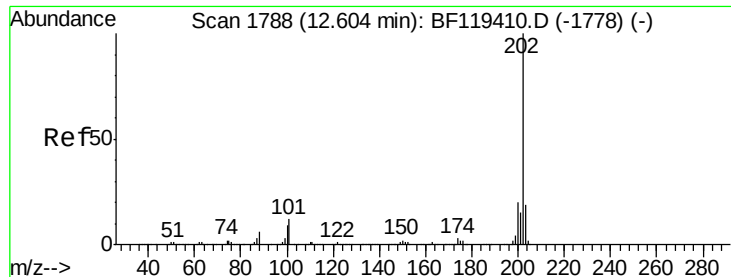
Tgt Ion:167 Resp: 1950088
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 13.1 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 51.962 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Tgt Ion:149 Resp: 2767997
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 36.652 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

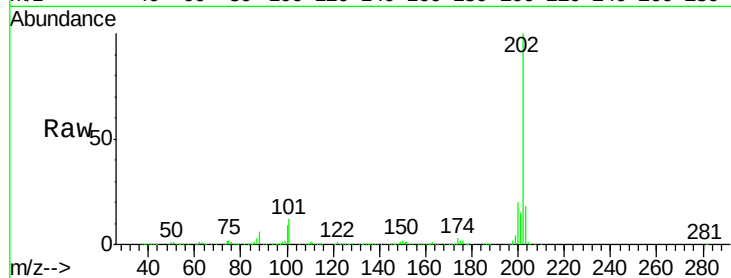
Tgt Ion:202 Resp: 1963539

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.4

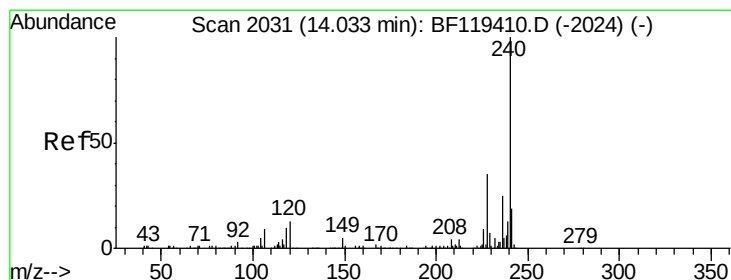
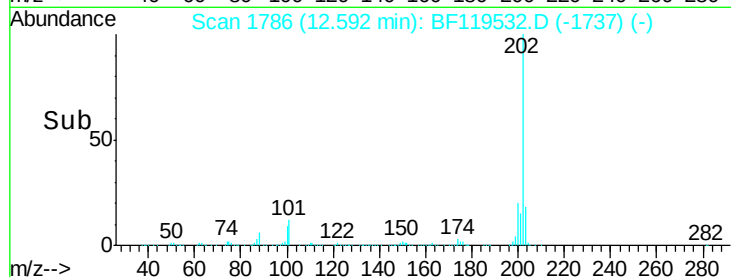
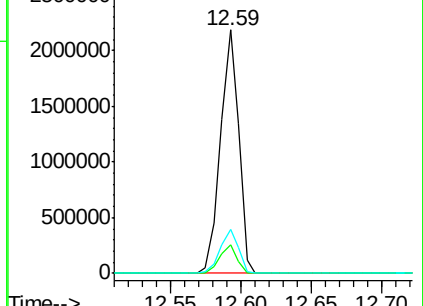
203 18.0 0.0 38.5



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

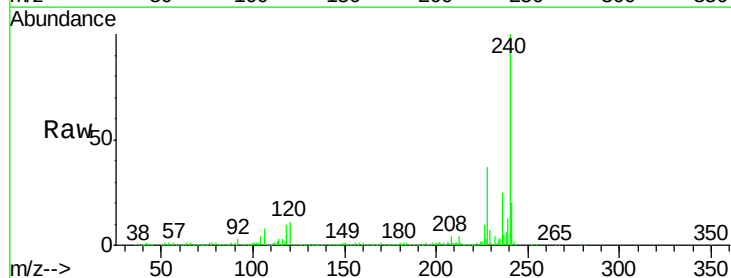
Tgt Ion:240 Resp: 603139

Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.4

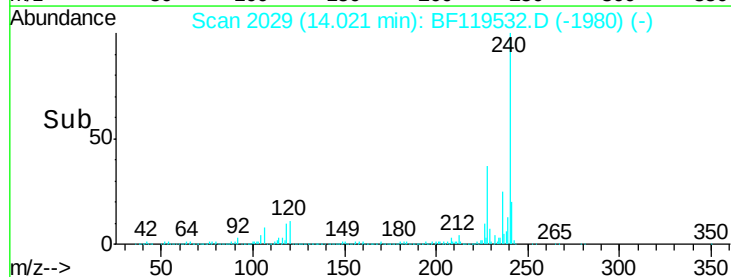
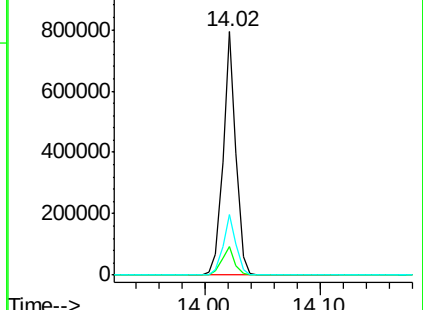
236 25.1 20.4 30.6

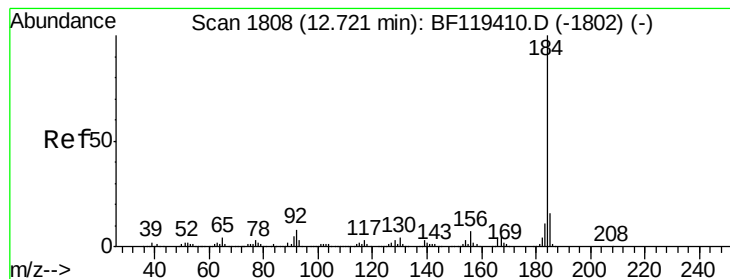


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.494 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

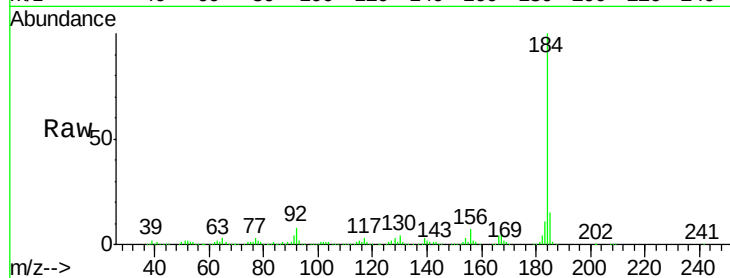
Tgt Ion:184 Resp: 880460

Ion Ratio Lower Upper

184 100

185 15.3 12.9 19.3

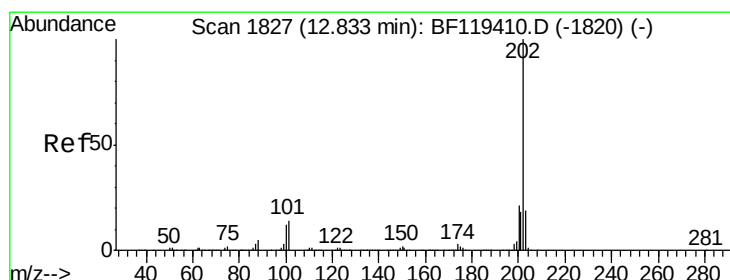
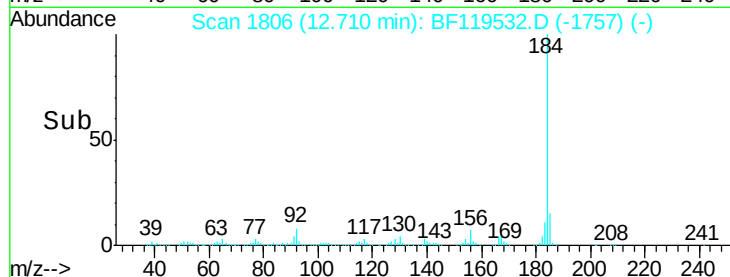
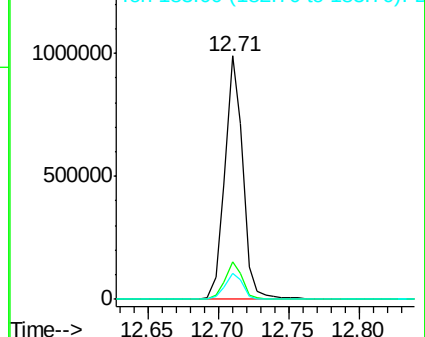
183 10.8 9.0 13.4



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: 39.467 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

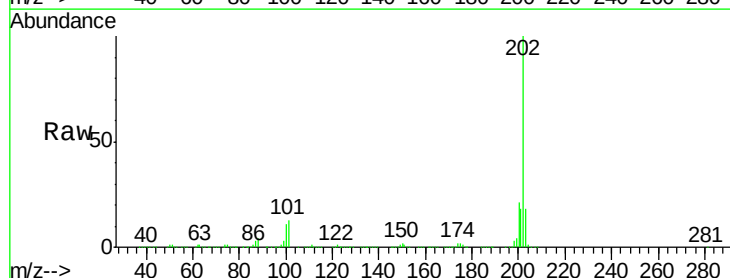
Tgt Ion:202 Resp: 1953566

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

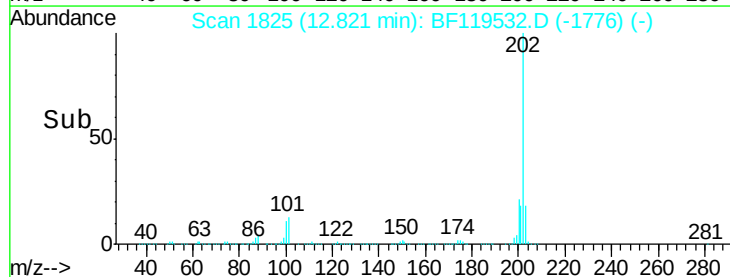
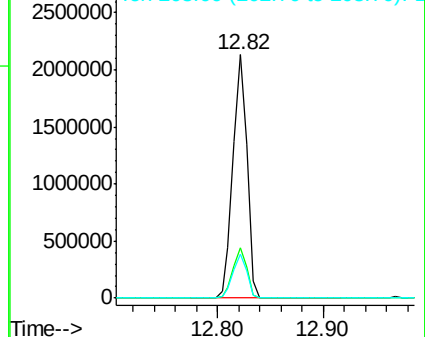
203 18.2 14.8 22.2

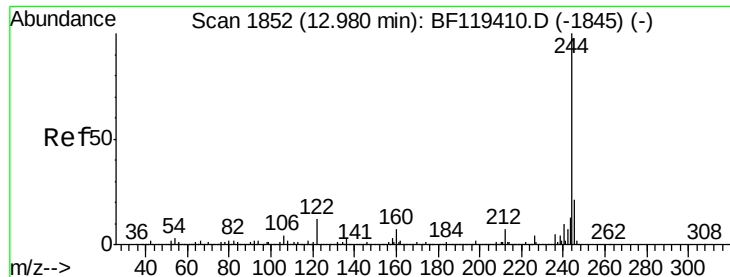


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.842 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

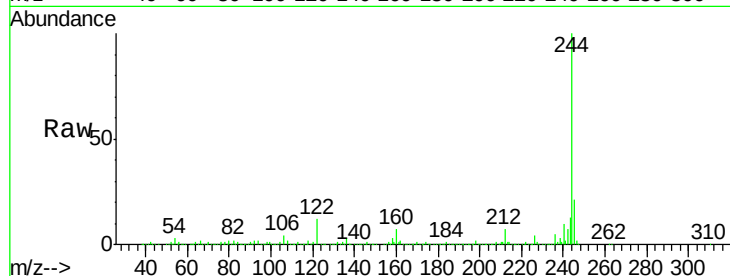
Tgt Ion:244 Resp: 2734968

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

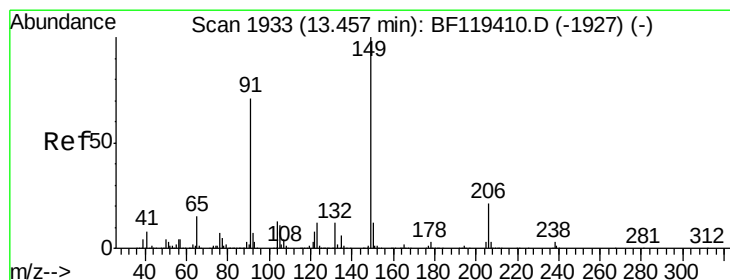
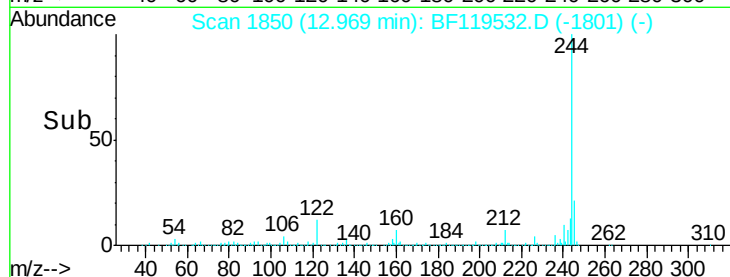
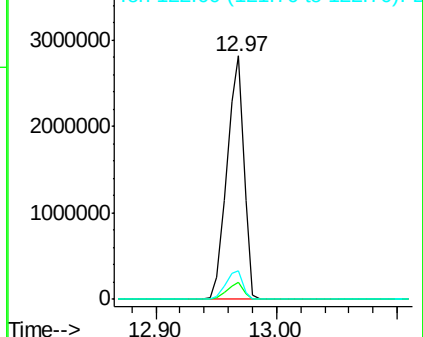
122 11.9 9.8 14.8



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: 50.822 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

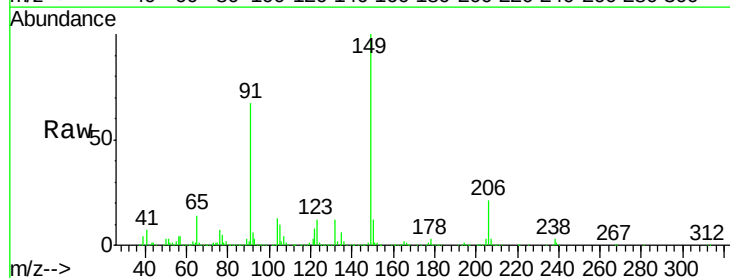
Tgt Ion:149 Resp: 1017462

Ion Ratio Lower Upper

149 100

91 67.0 57.0 85.6

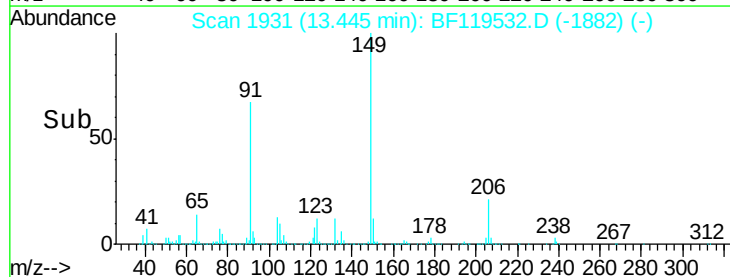
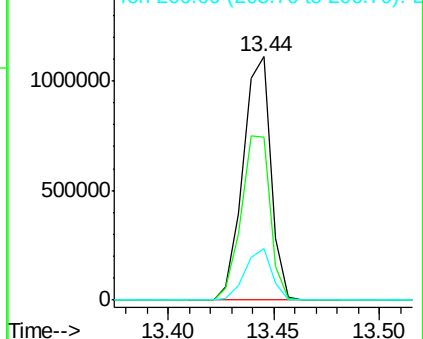
206 21.1 16.4 24.6

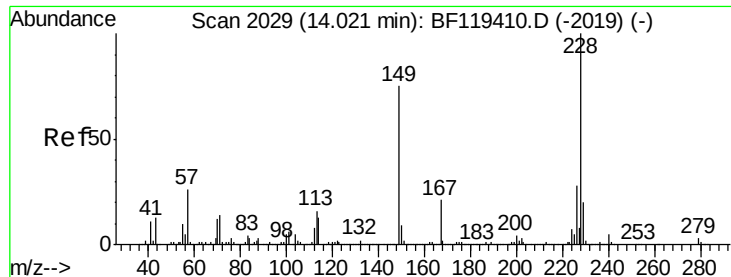


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

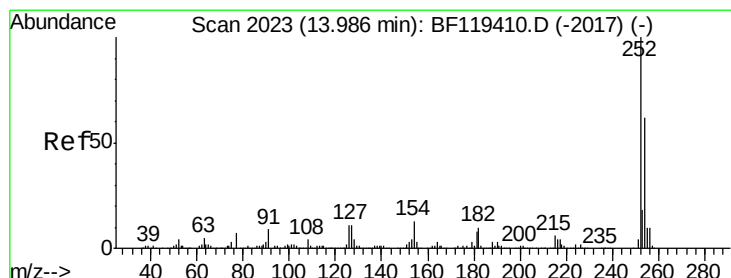
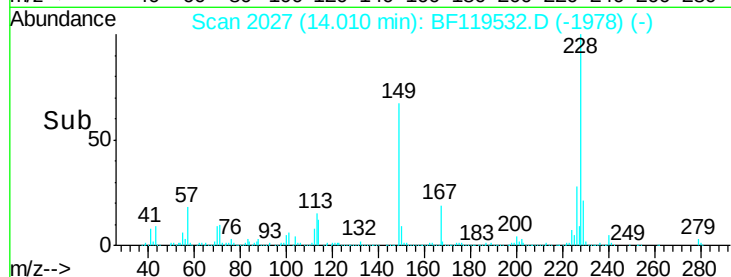
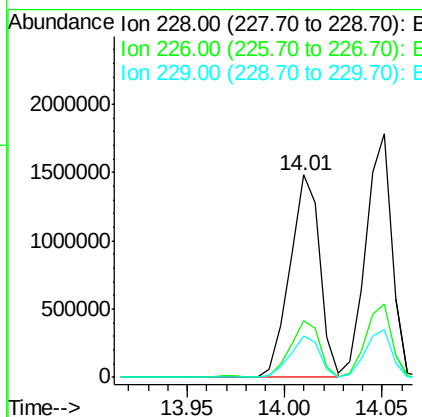
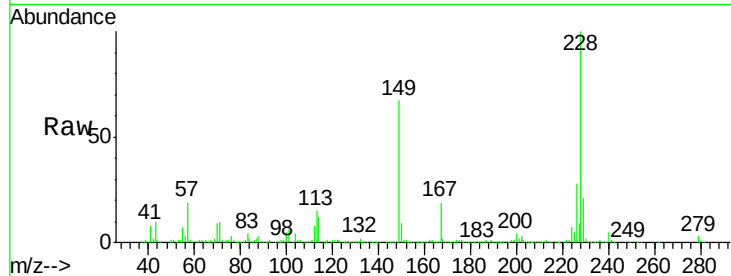




#81
Benzo(a)anthracene
Concen: 39.895 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

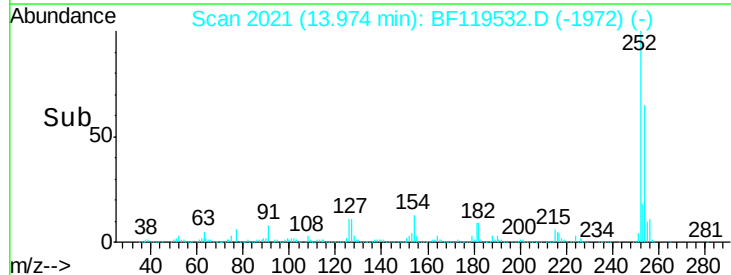
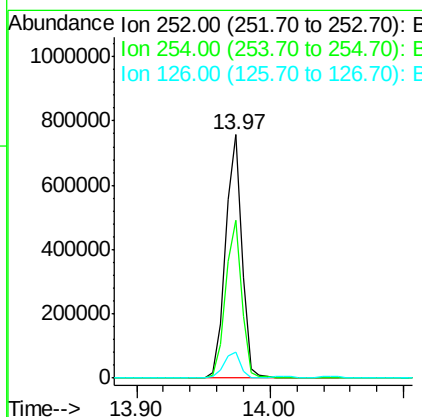
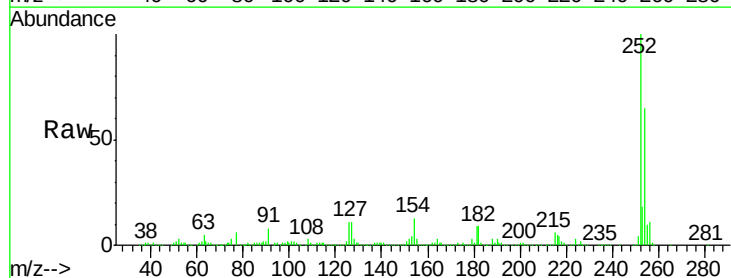
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

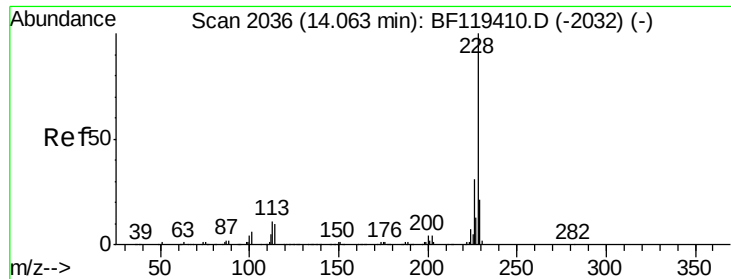
Tgt Ion:228 Resp: 1564733
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.6 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 42.556 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:252 Resp: 658106
Ion Ratio Lower Upper
252 100
254 64.6 49.8 74.8
126 10.7 8.9 13.3





#83

Chrysene

Concen: 40.597 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

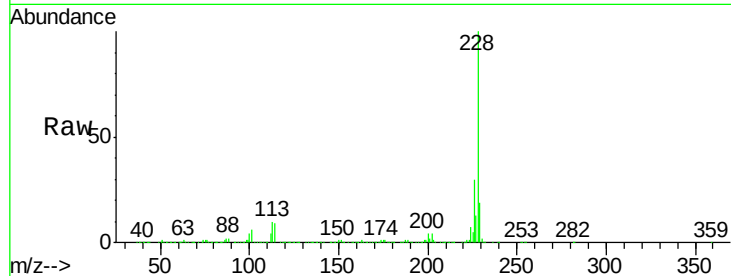
Tgt Ion:228 Resp: 1643295

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

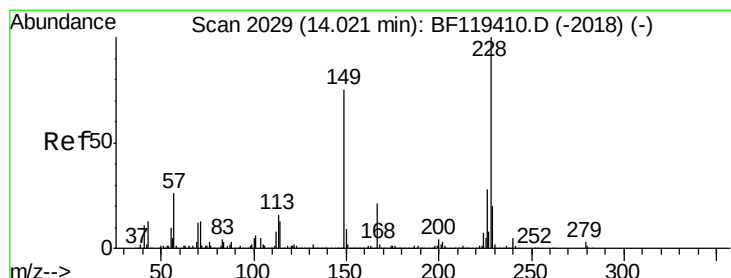
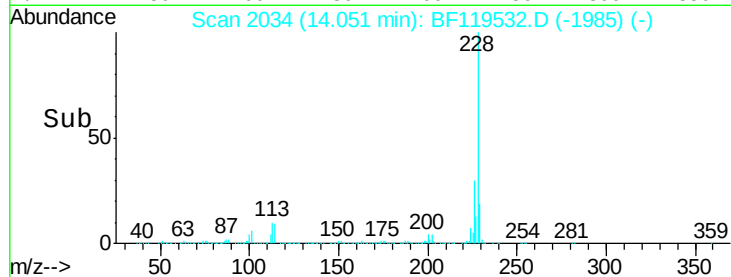
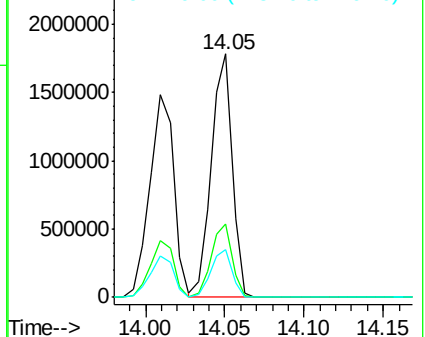
229 19.4 16.6 25.0



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: 58.524 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

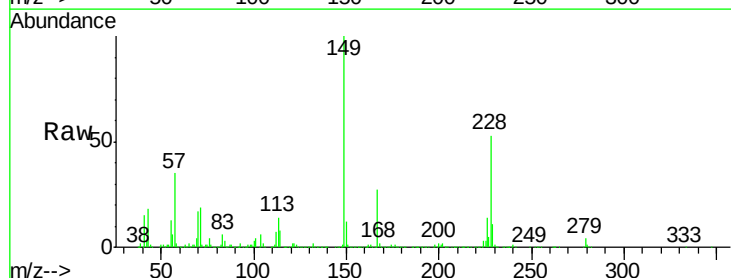
Tgt Ion:149 Resp: 1396720

Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

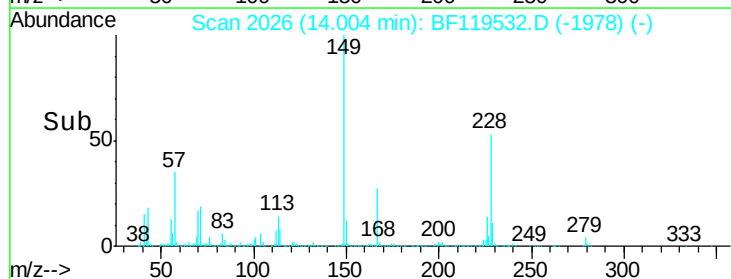
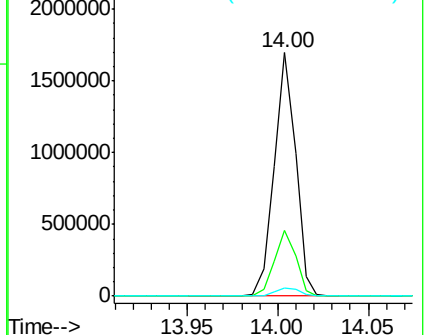
279 3.5 3.2 4.8

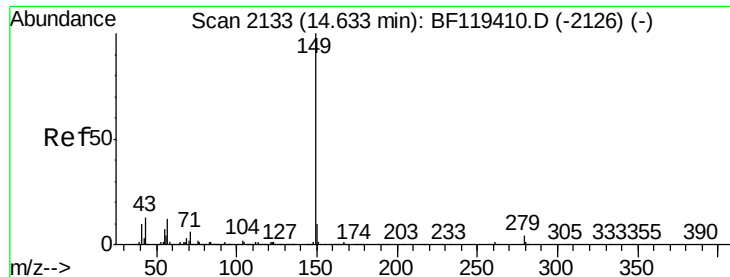


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 58.242 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

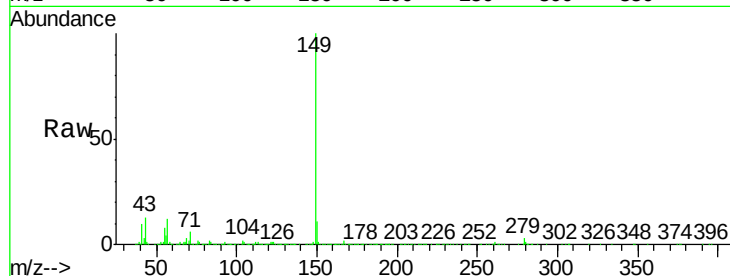
Tgt Ion:149 Resp: 2444579

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

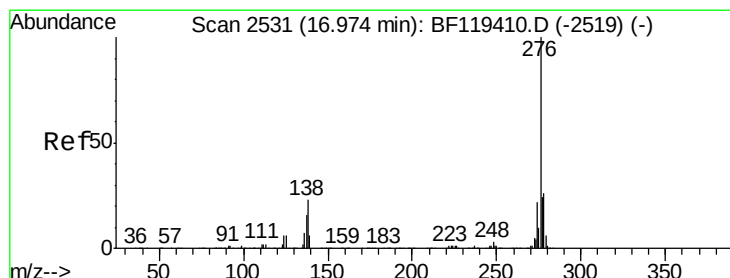
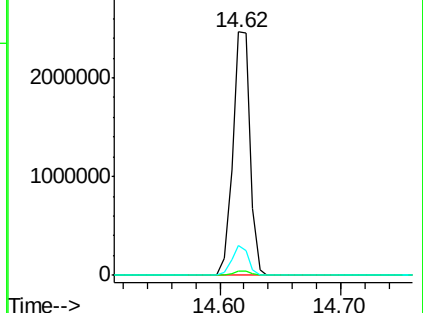
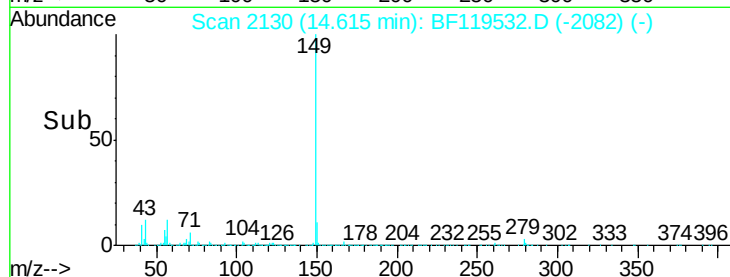
43 11.7 10.1 15.1



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: 44.816 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

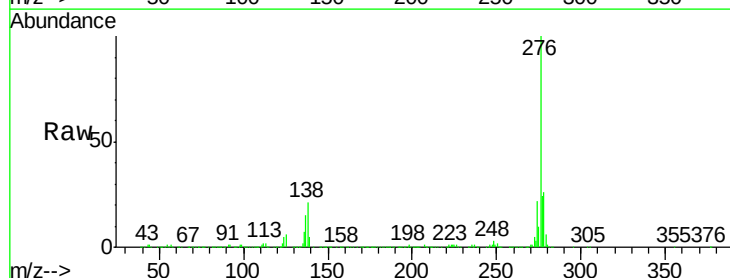
Tgt Ion:276 Resp: 1708486

Ion Ratio Lower Upper

276 100

138 23.6 21.3 31.9

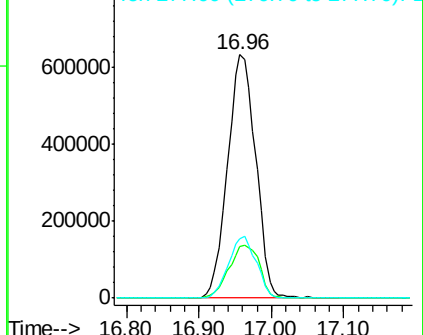
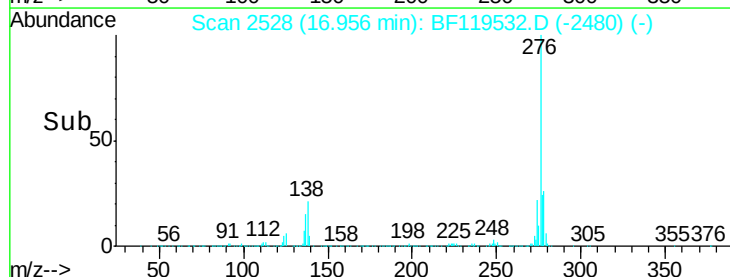
277 25.2 20.2 30.2

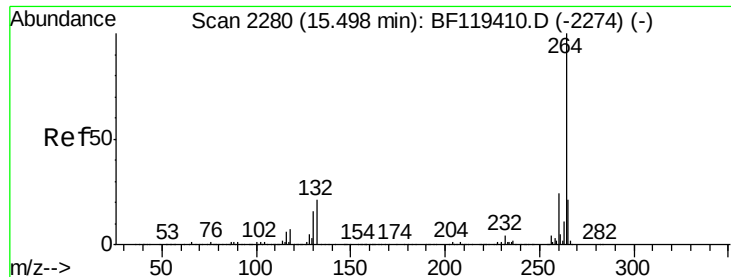


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

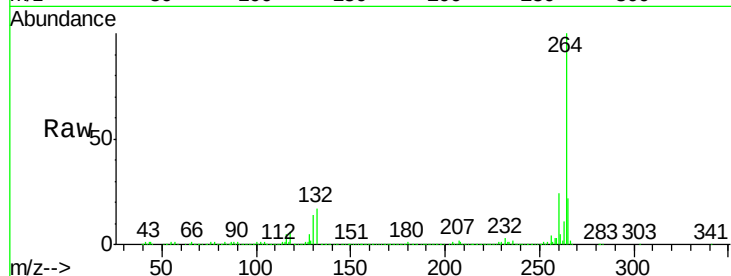
Tgt Ion:264 Resp: 637107

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

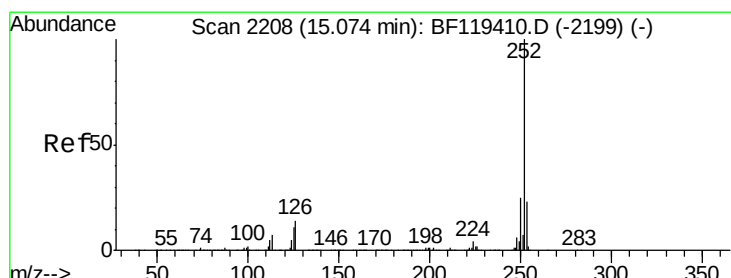
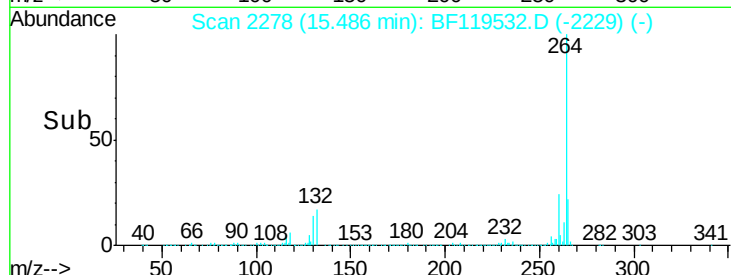
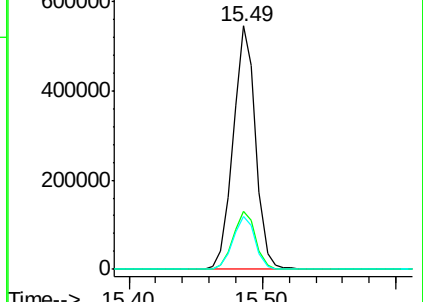
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.321 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

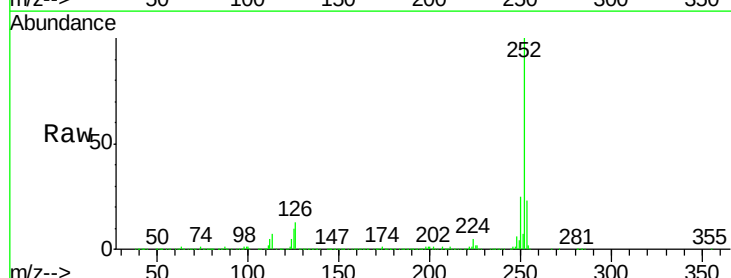
Tgt Ion:252 Resp: 1801103

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

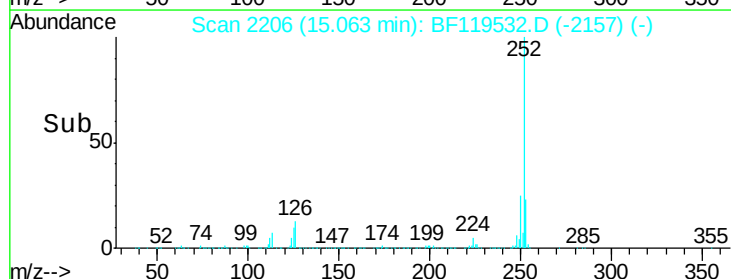
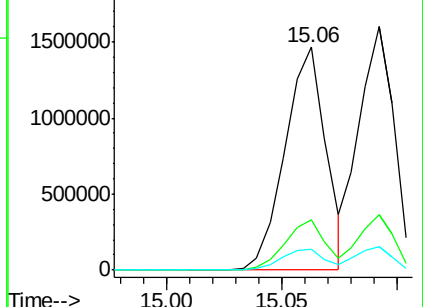
125 9.6 8.8 13.2

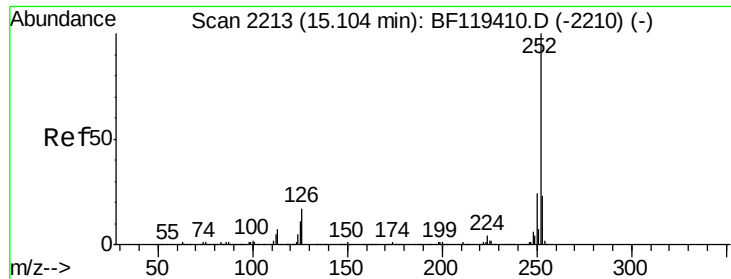


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

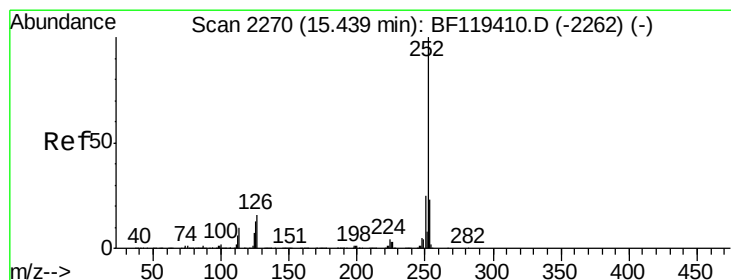
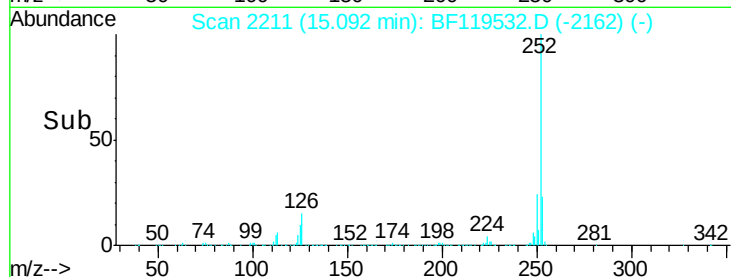
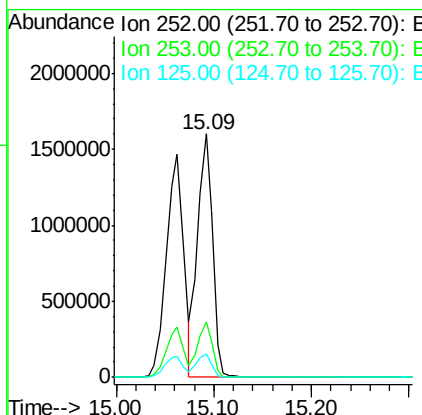
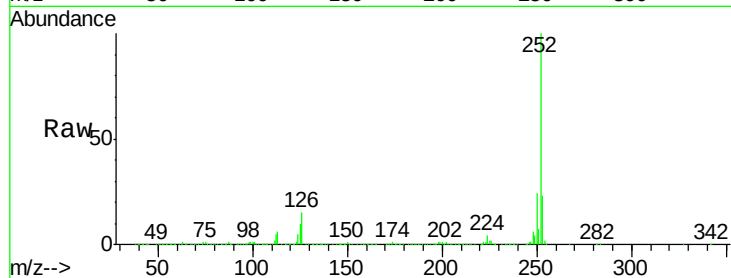




#89
Benzo(k)fluoranthene
Concen: 42.093 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

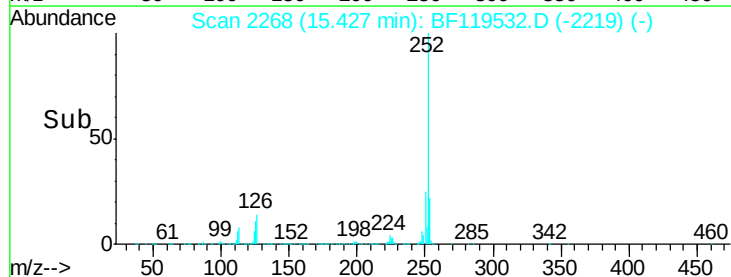
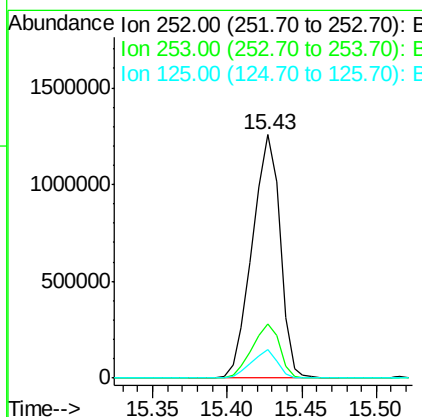
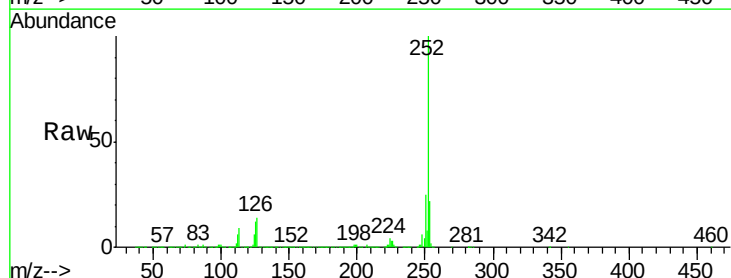
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

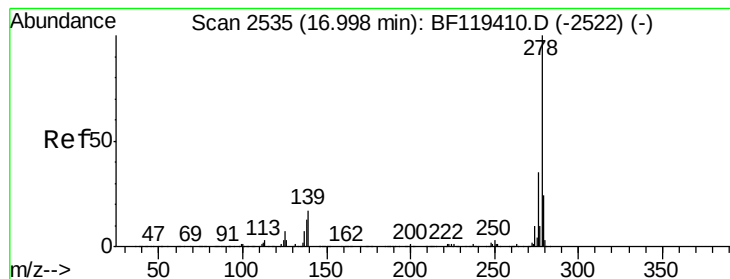
Tgt Ion:252 Resp: 1705797
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.913 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Tgt Ion:252 Resp: 1621069
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.5 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 41.934 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

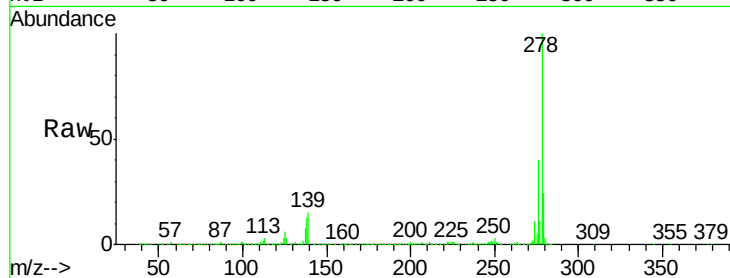
Tgt Ion:278 Resp: 1418578

Ion Ratio Lower Upper

278 100

139 15.0 13.7 20.5

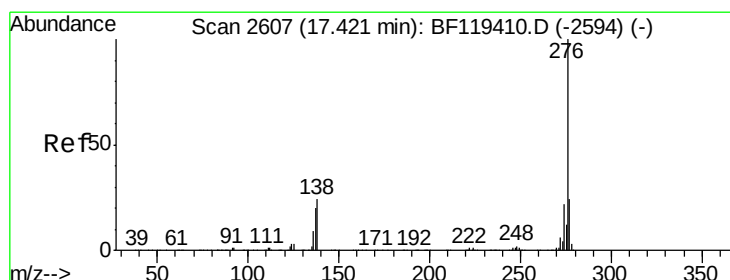
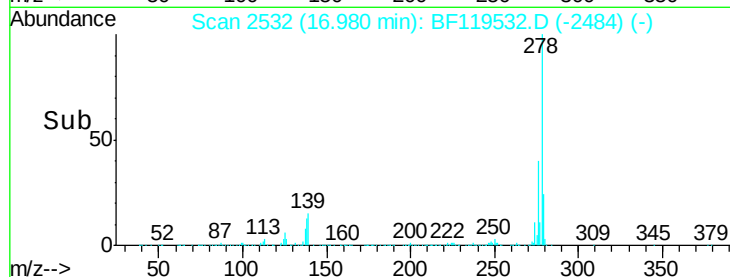
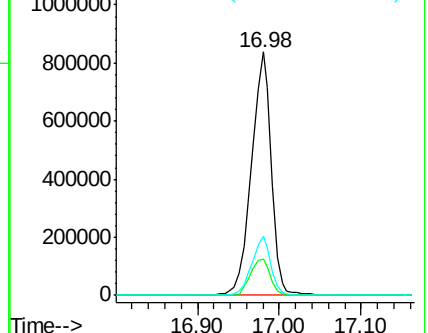
279 24.3 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.461 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.02 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

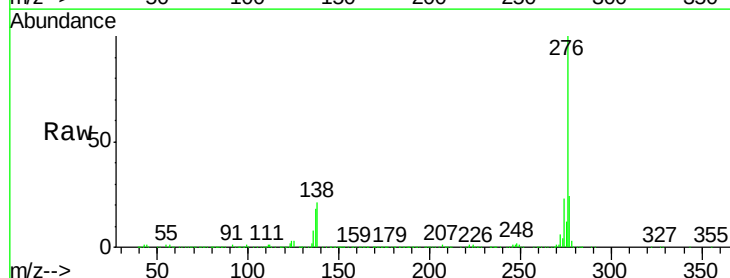
Tgt Ion:276 Resp: 1307115

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 20.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

