

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

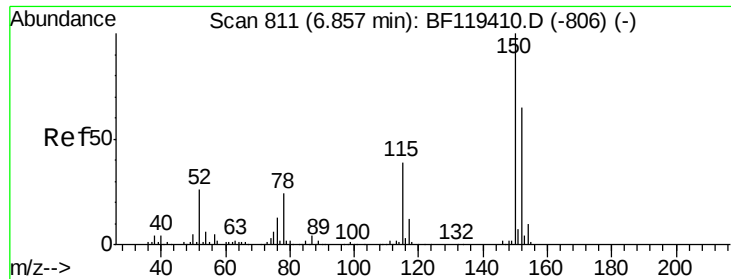
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
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 Response via : Initial Calibration

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

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

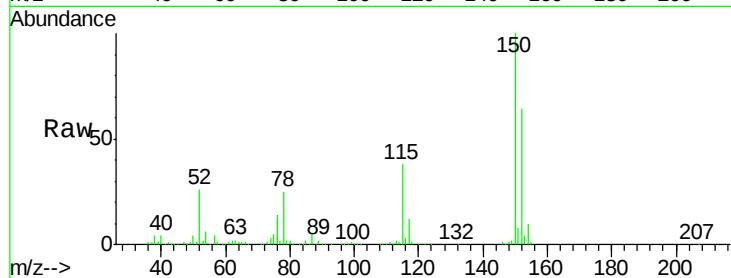


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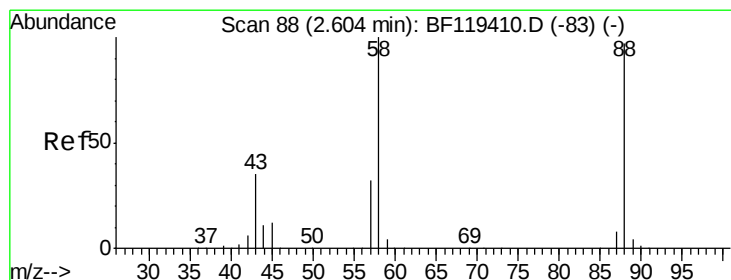
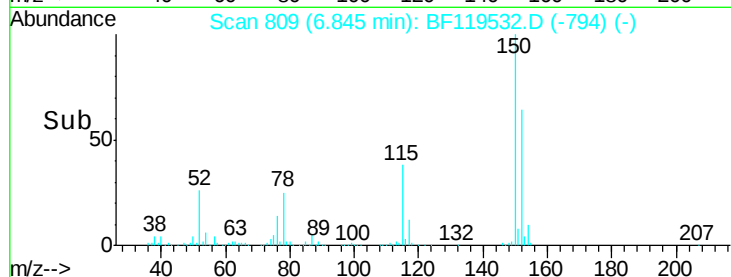
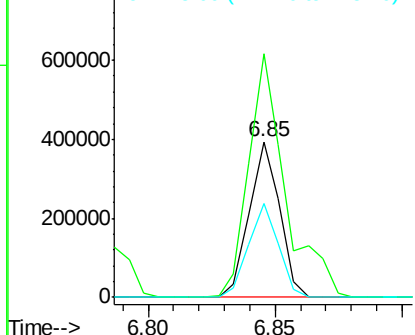
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 327948
Ion Ratio Lower Upper
152 100
150 156.5 123.9 185.9
115 60.2 47.8 71.6



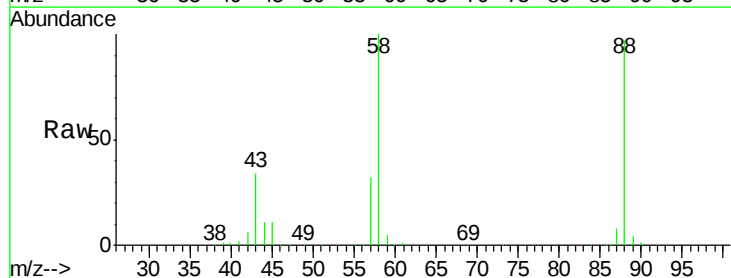
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



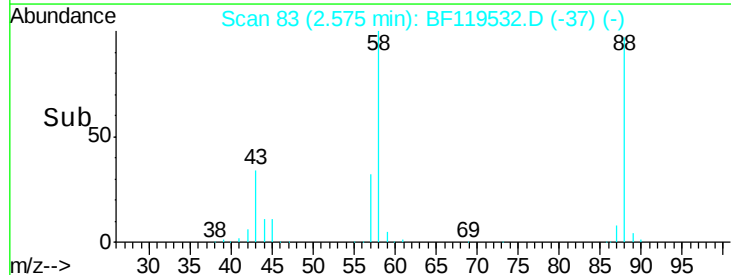
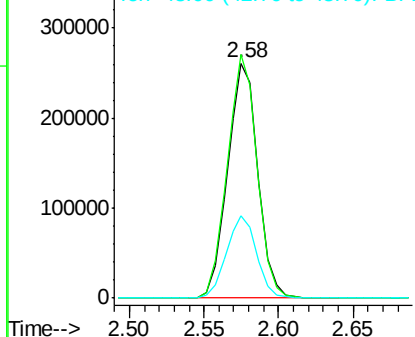
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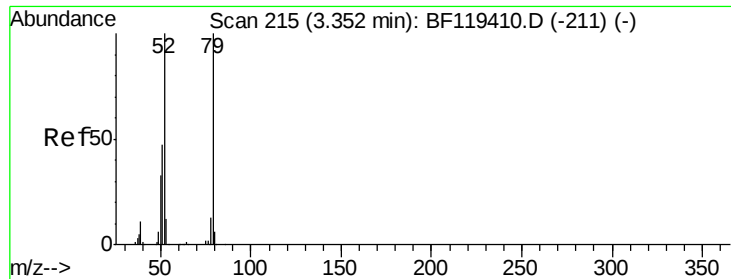
1,4-Dioxane
Concen: 36.216 ng
RT: 2.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

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

Pvridine

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

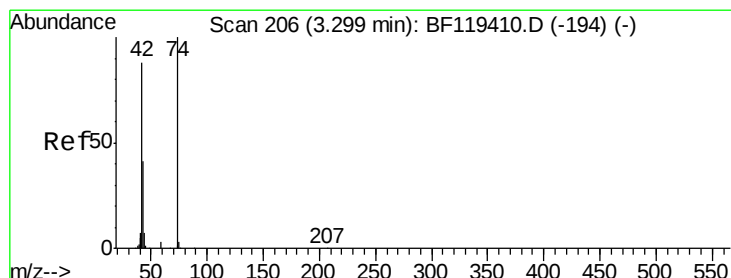
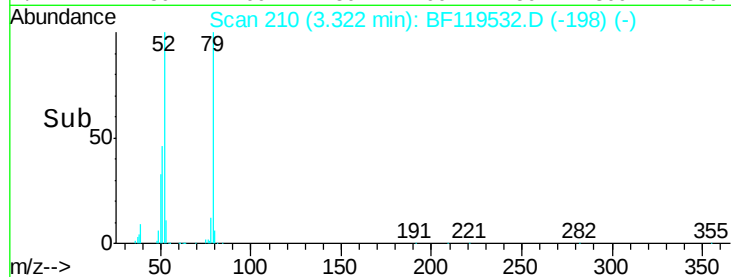
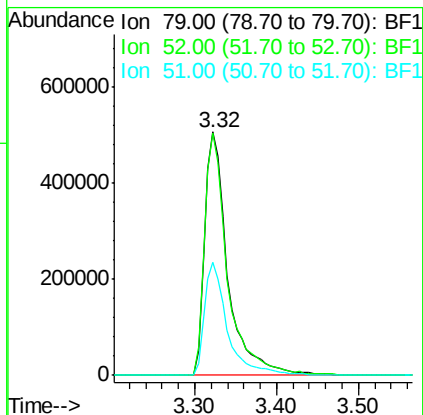
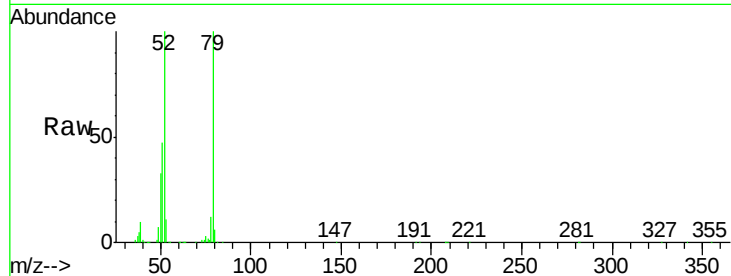
Tot Ion: 79 Resp: 1005540

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

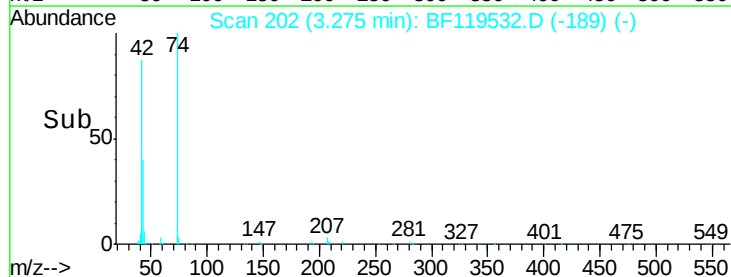
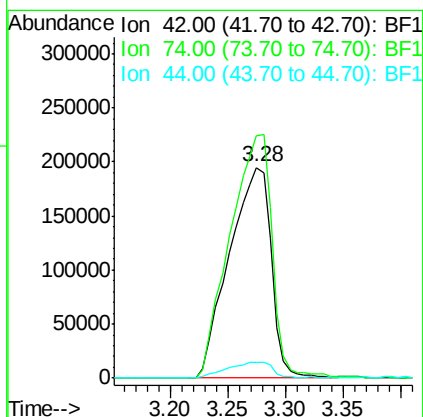
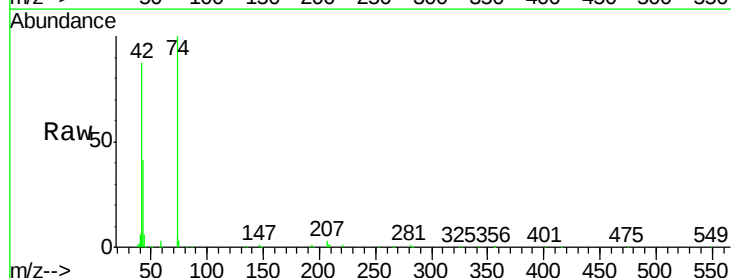
Tgt Ion: 42 Resp: 491437

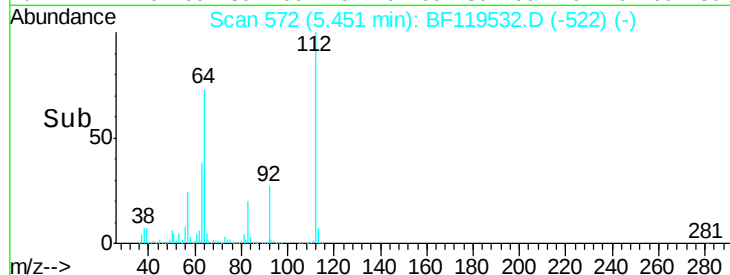
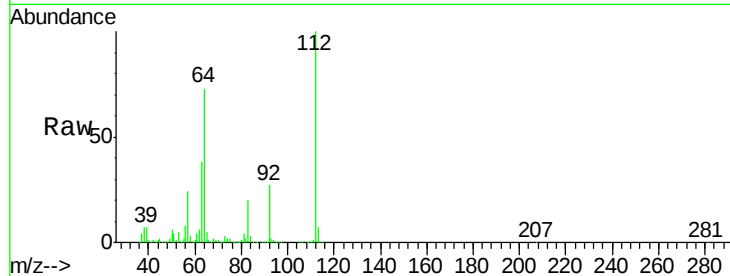
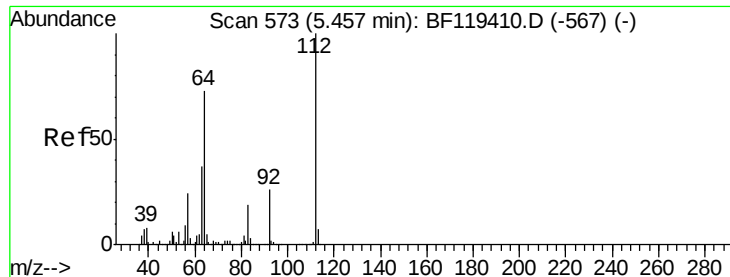
Ion Ratio Lower Upper

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

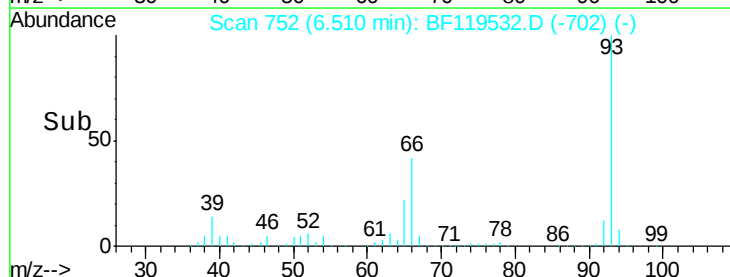
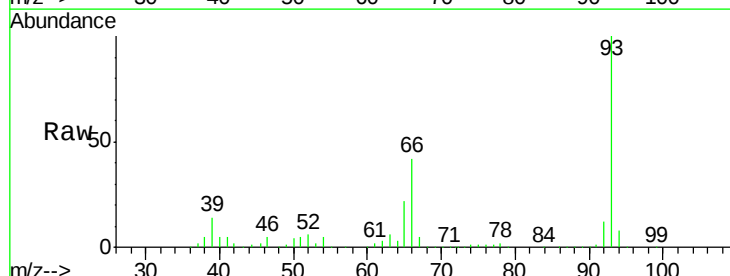
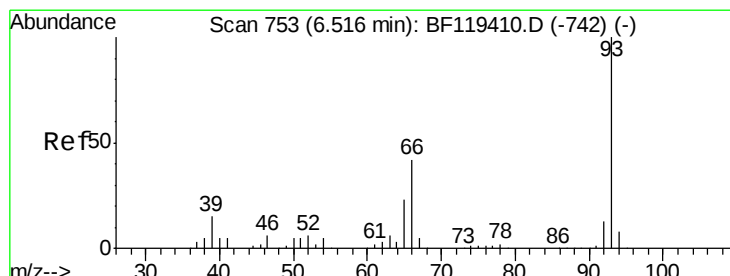
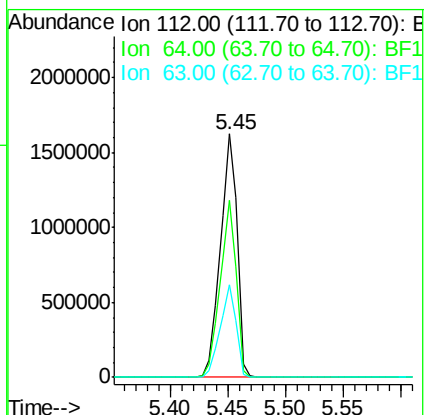
Tot Ion:112 Resp: 1633067

Ion Ratio Lower Upper

112 100

64 72.9 58.1 87.1

63 38.0 29.7 44.5



#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

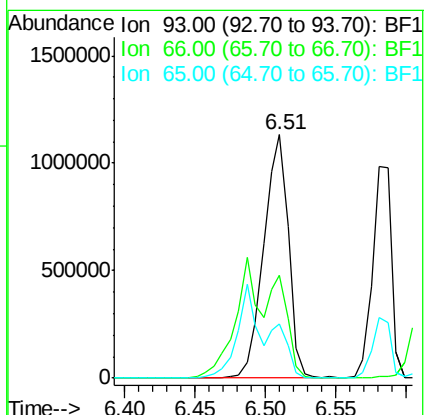
Tgt Ion: 93 Resp: 1396800

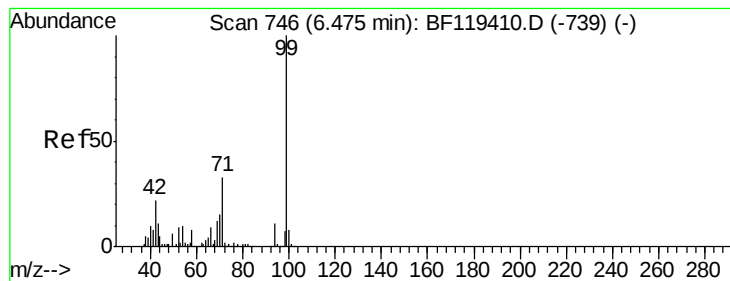
Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.4

65 22.4 18.2 27.4





#7

Phenol-d6

Concen: 79.642 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119532.D

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

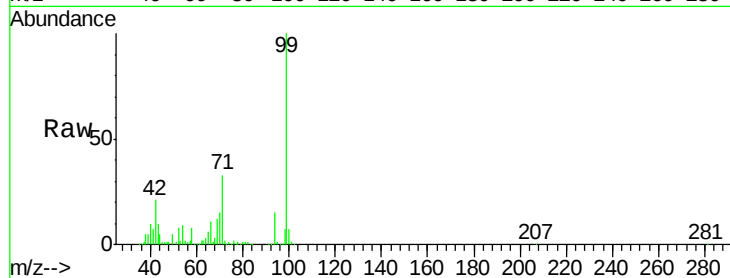
Tot Ion: 99 Resp: 2095886

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

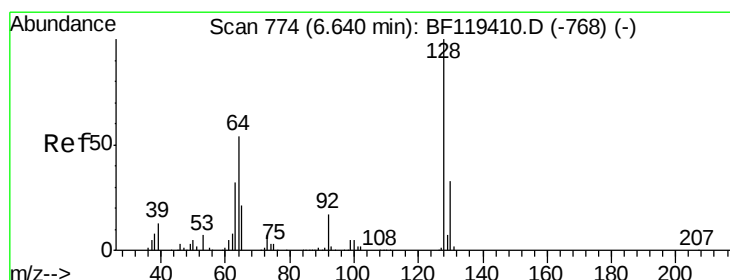
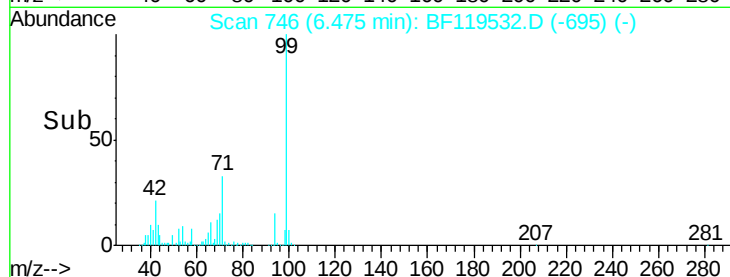
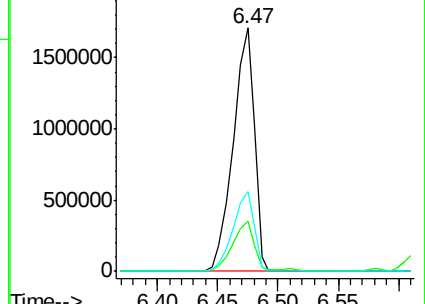
71 33.0 26.0 39.0



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

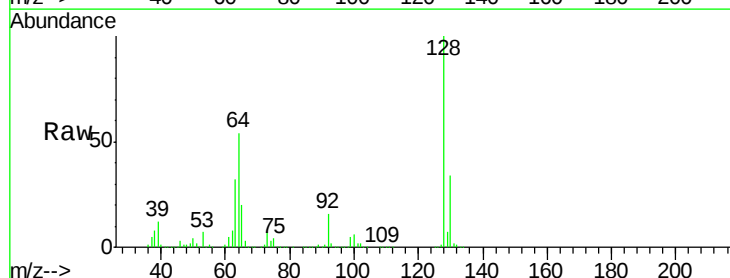
Tgt Ion: 128 Resp: 904430

Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

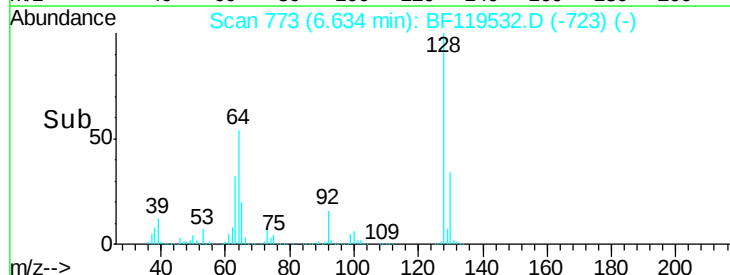
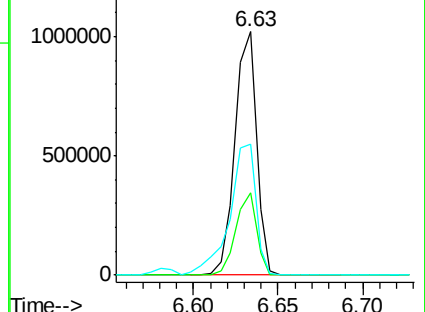
64 53.6 35.1 75.1

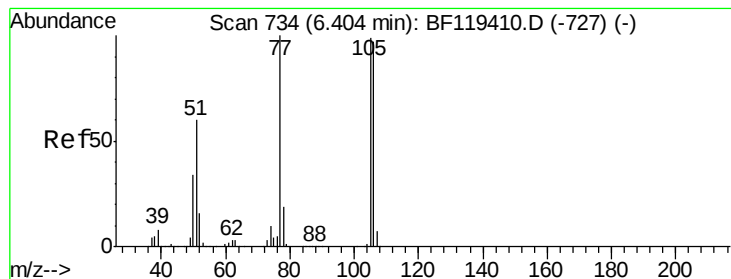


Abundance Ion 128.00 (127.70 to 128.70): E

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

Acq: 26 Mar 2020 7:48

Instrument :

BNA_F

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SSTDCCC040EC

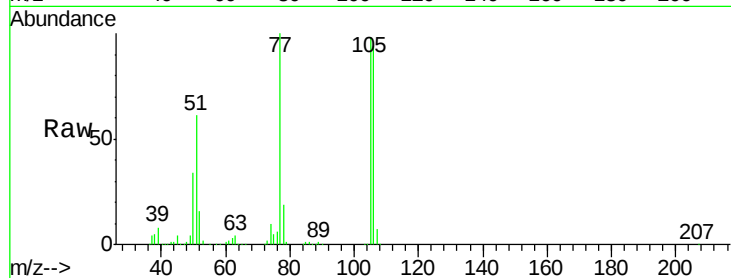
Tot Ion: 77 Resp: 635047

Ion Ratio Lower Upper

77 100

105 97.6 78.6 118.6

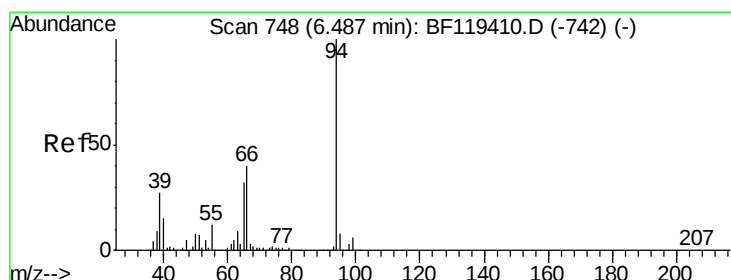
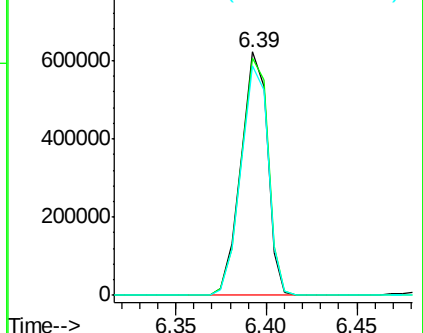
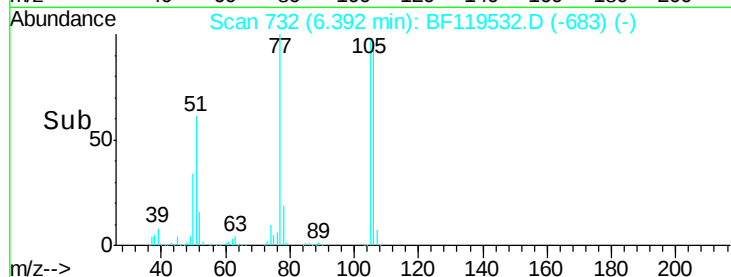
106 94.3 76.5 116.5



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

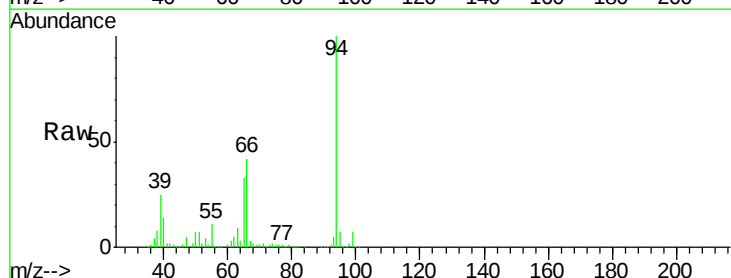
Tgt Ion: 94 Resp: 1180582

Ion Ratio Lower Upper

94 100

65 32.7 12.0 52.0

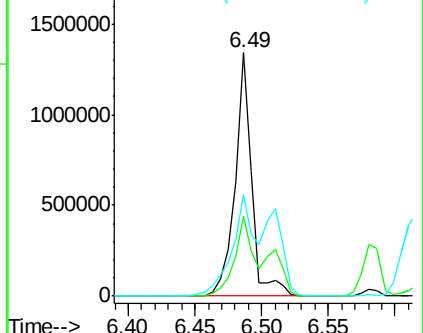
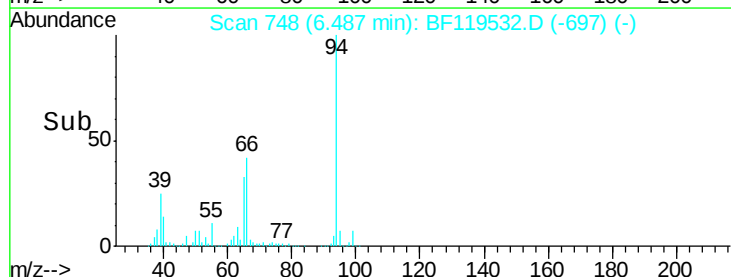
66 41.9 20.6 60.6

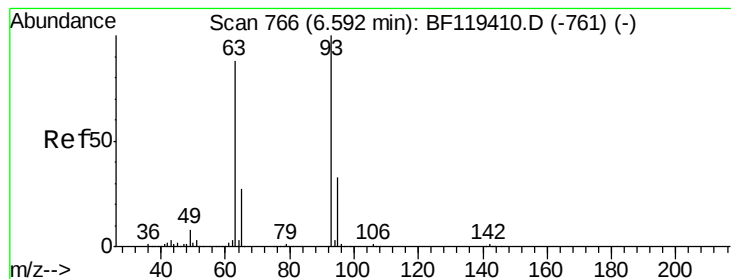


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

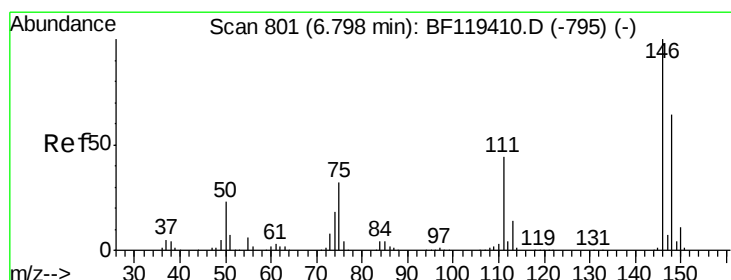
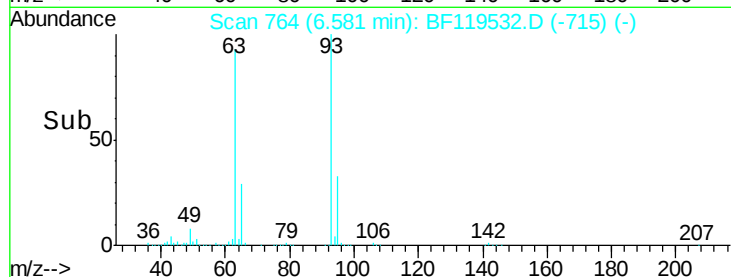
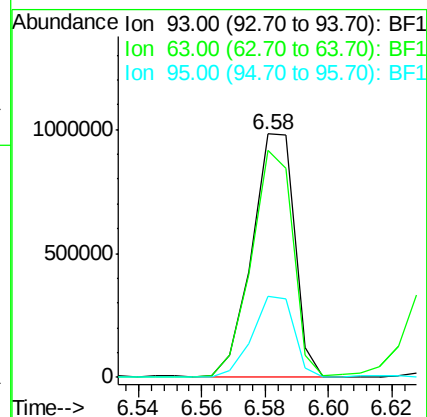
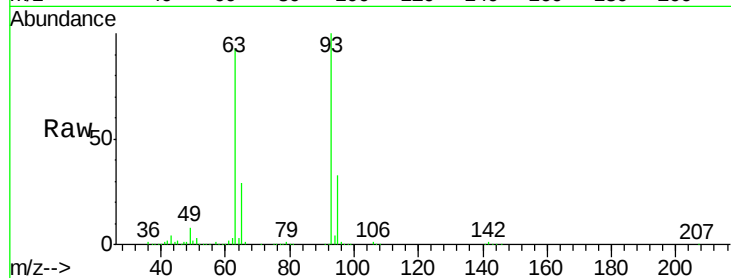




#11
bis(2-Chloroethyl)ether
Concen: 40.807 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

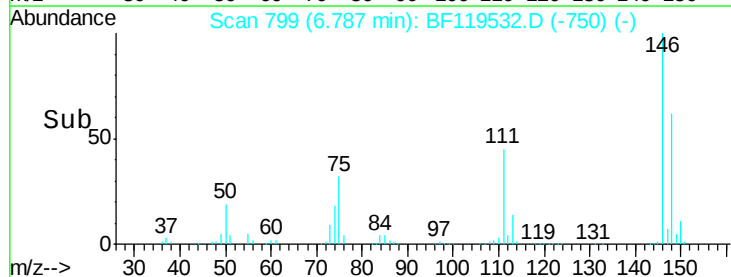
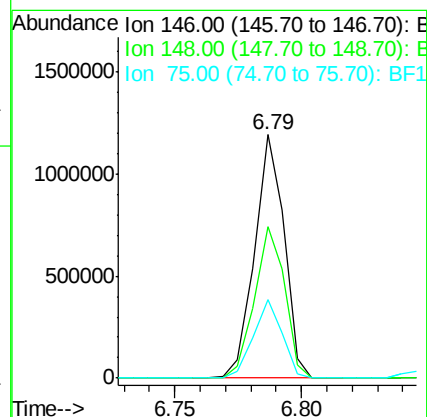
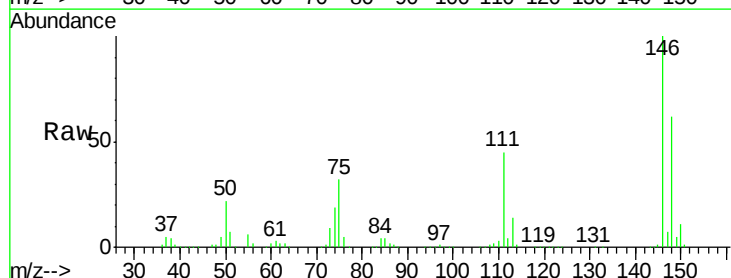
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

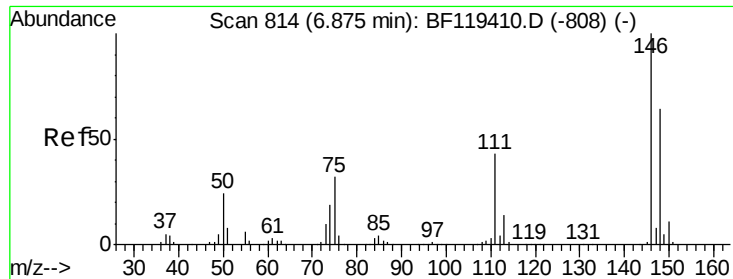
Tot Ion: 93 Resp: 916444
Ion Ratio Lower Upper
93 100
63 93.1 68.4 108.4
95 33.3 13.4 53.4



#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

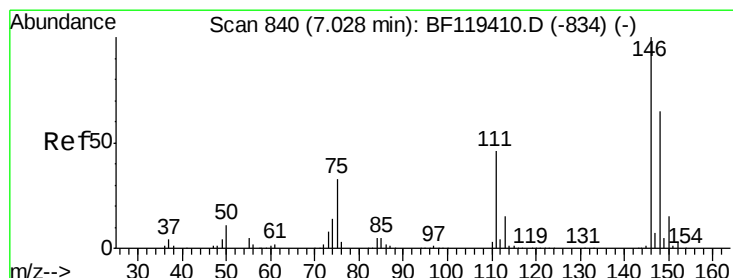
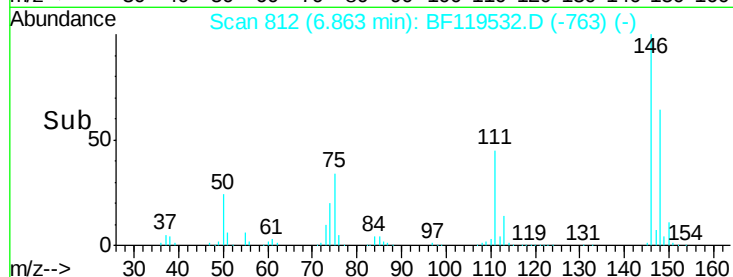
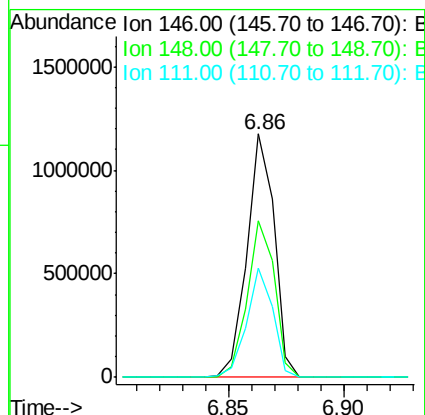
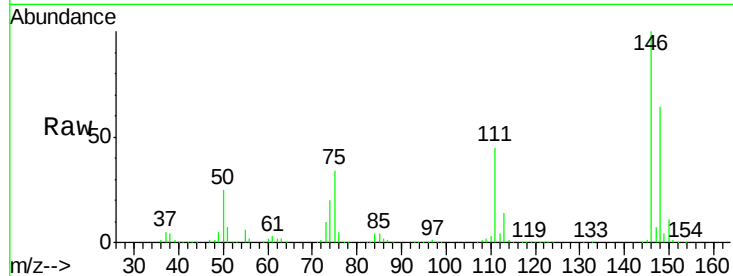




#13
 1,4-Dichlorobenzene
 Concen: 41.578 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

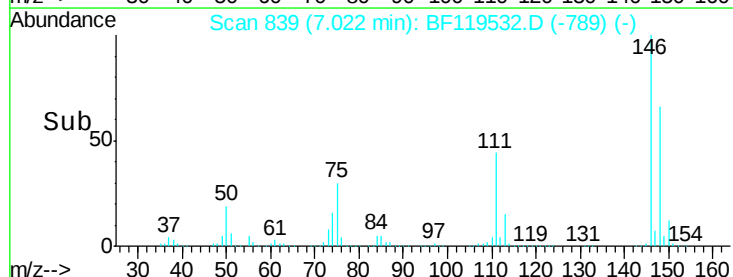
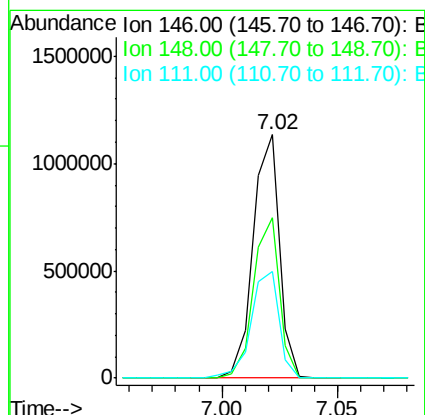
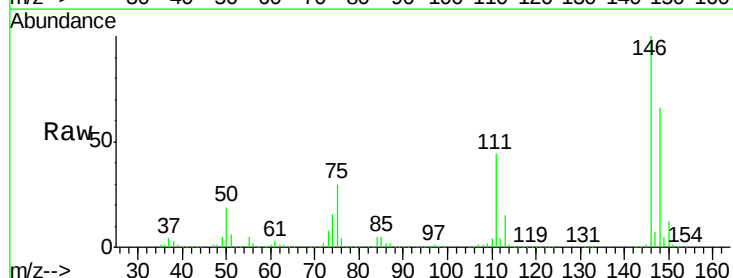
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

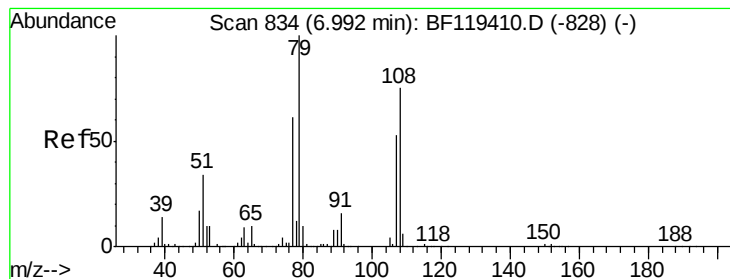
Tot Ion:146 Resp: 973902
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.9 76.3
 111 44.8 34.6 52.0



#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

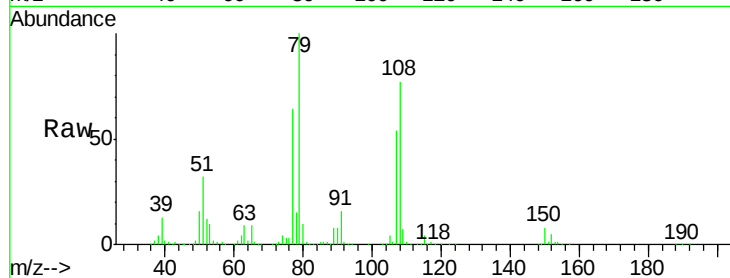
Tot Ion: 79 Resp: 800736

Ion Ratio Lower Upper

79 100

108 76.7 60.4 90.6

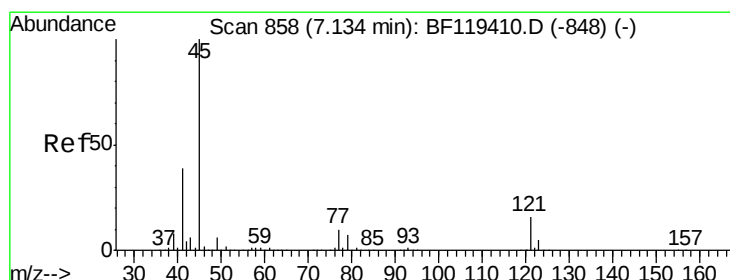
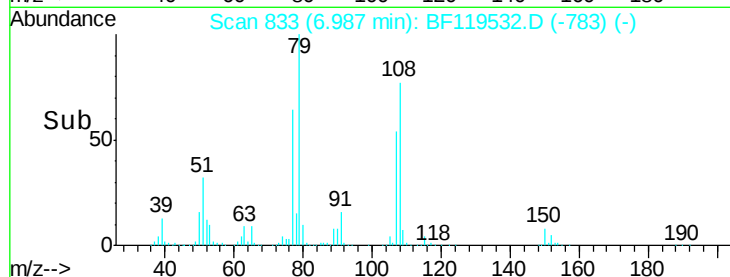
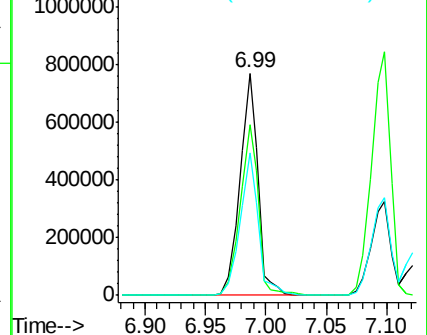
77 63.9 49.0 73.4



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

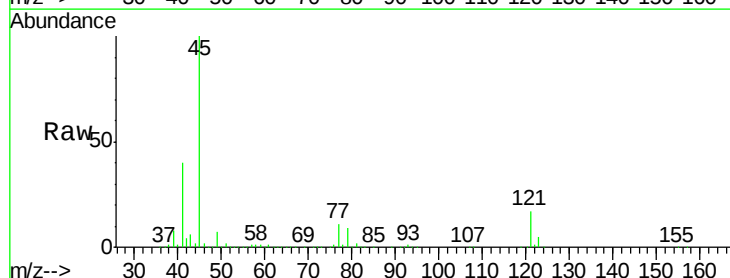
Tgt Ion: 45 Resp: 1766990

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.1

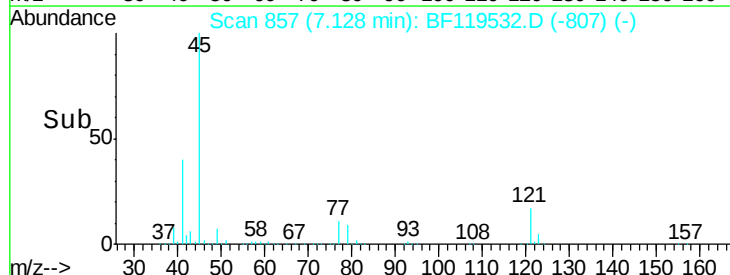
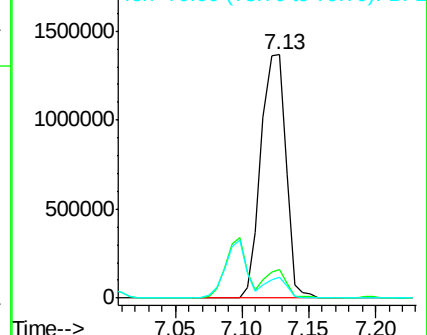
79 8.7 0.0 27.4

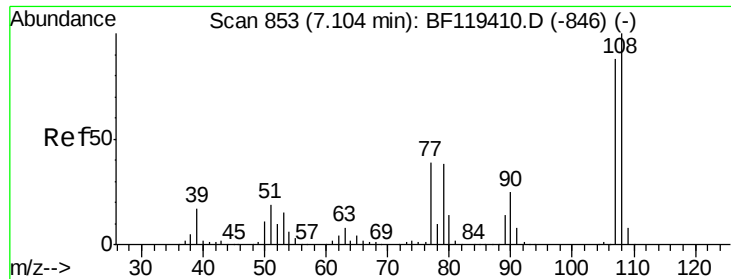


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

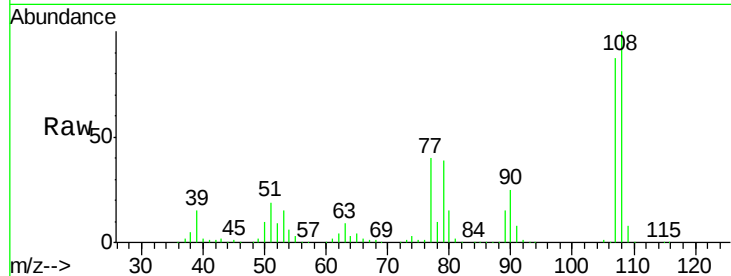




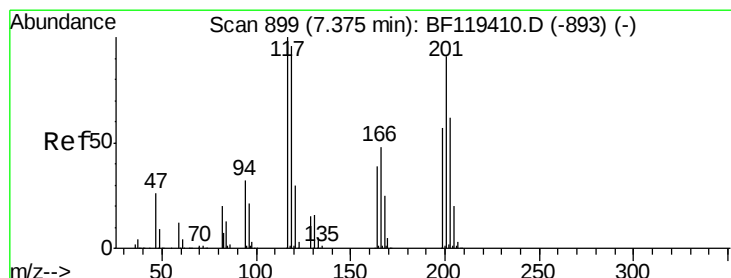
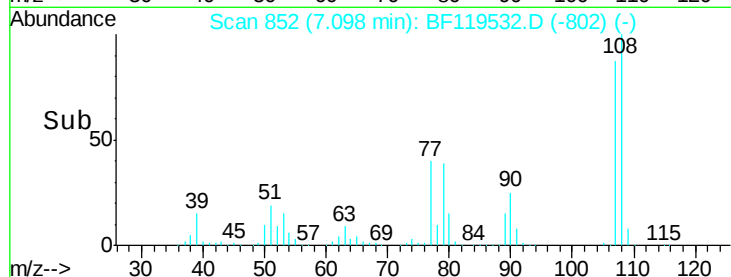
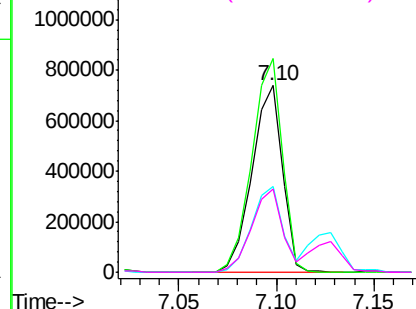
#17
2-Methylphenol
Concen: 40.130 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot 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

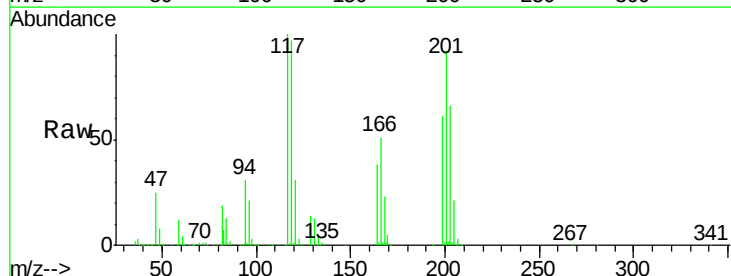


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

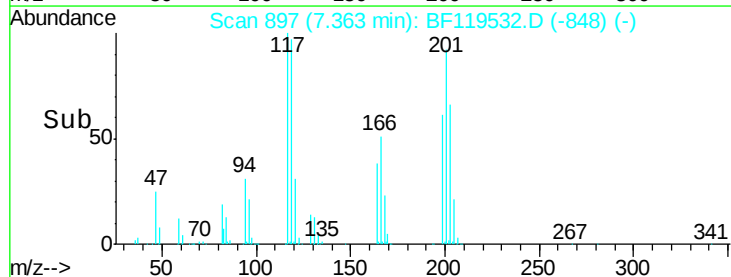
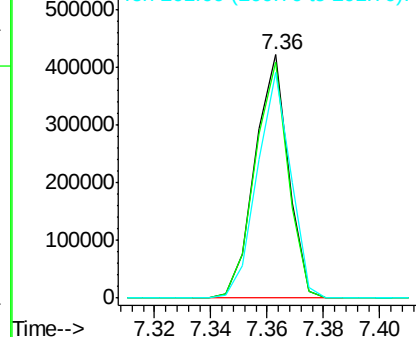


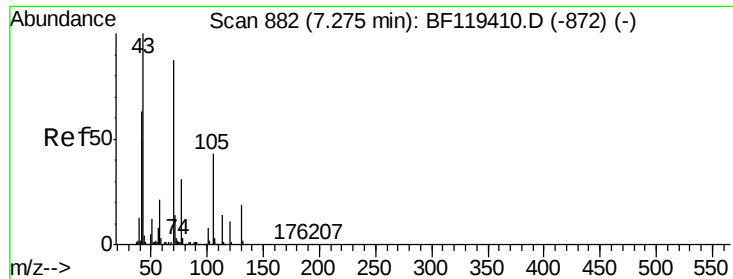
#18
Hexachloroethane
Concen: 40.129 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

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

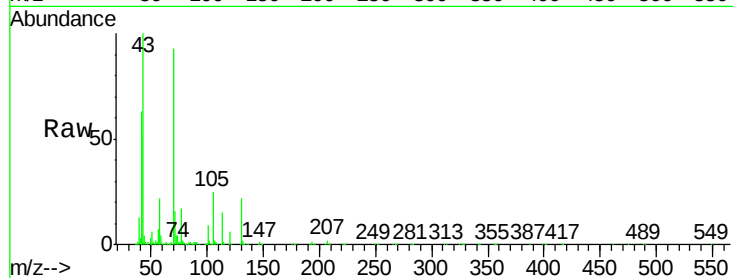




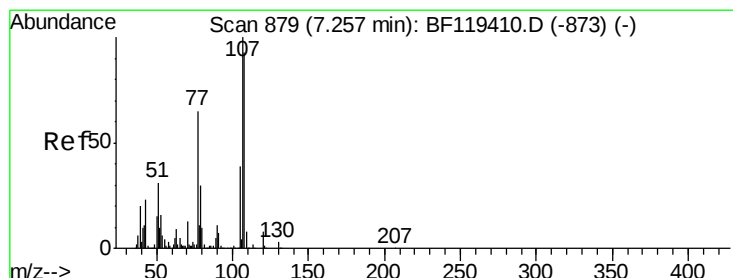
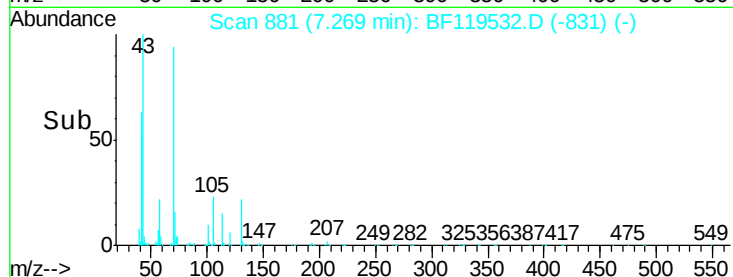
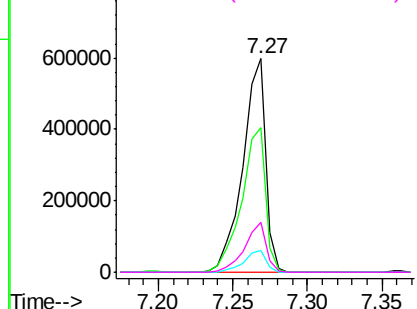
#19
n-Nitroso-di-n-propylamine
Concen: 40.244 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot 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

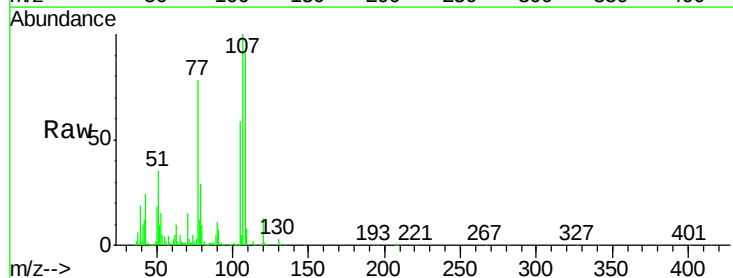


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

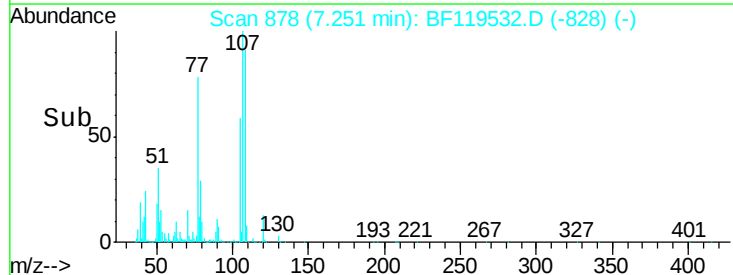
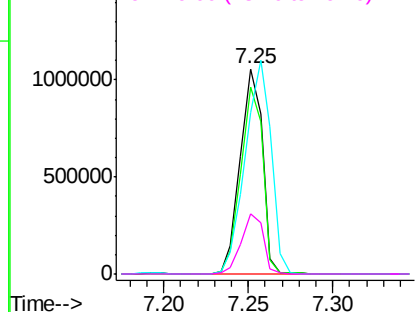


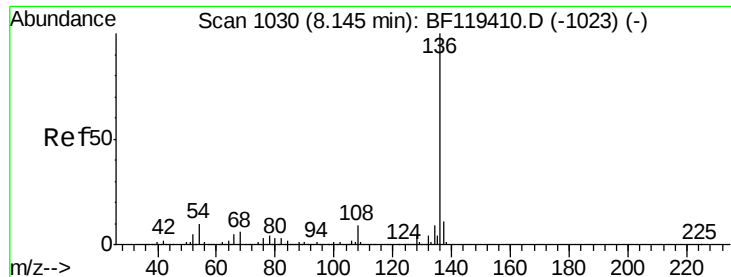
#20
3+4-Methylphenols
Concen: 39.909 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

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

Tot Ion:136 Resp: 1154544

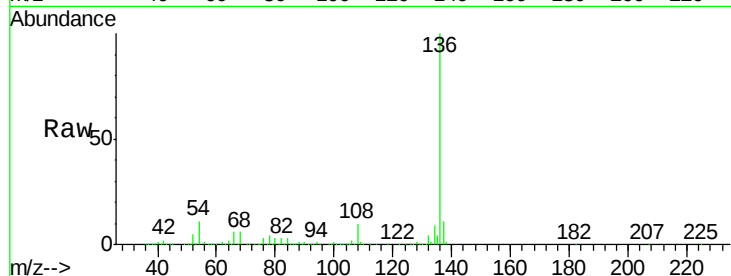
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.6 8.3 12.5

68 5.8 4.9 7.3



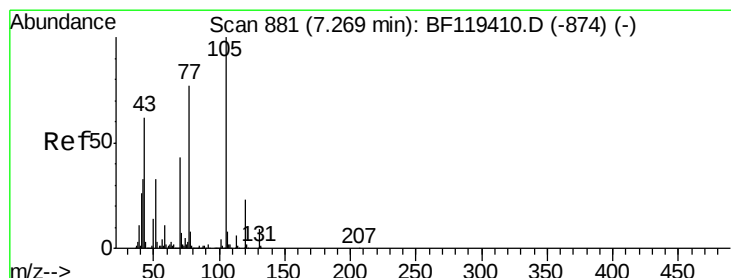
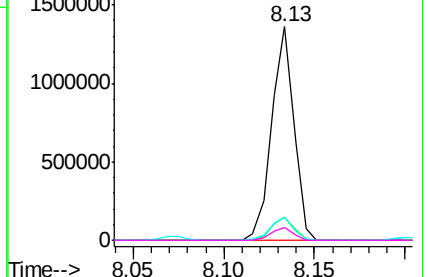
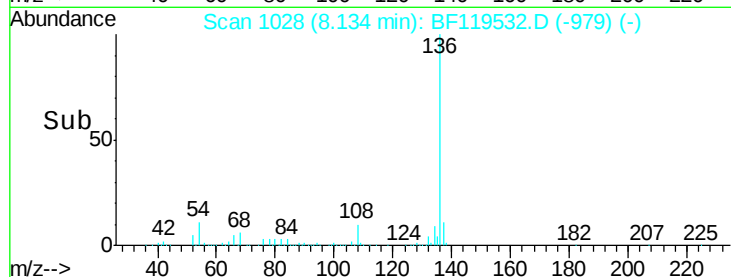
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#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

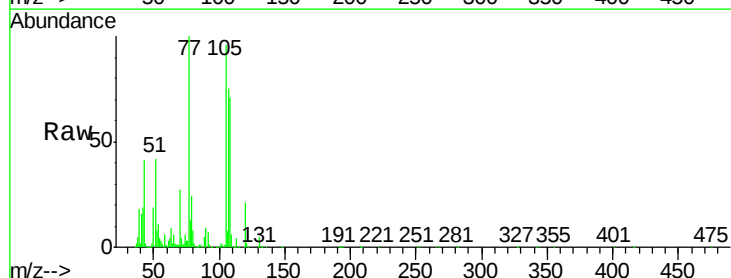
Ion Ratio Lower Upper

105 100

71 4.6 5.8 8.6#

51 44.2 26.8 40.2#

120 21.8 18.0 27.0



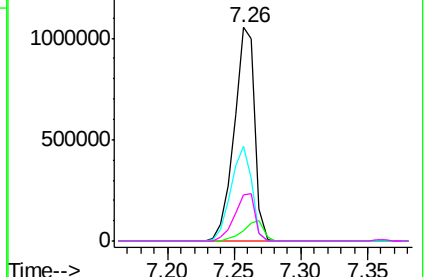
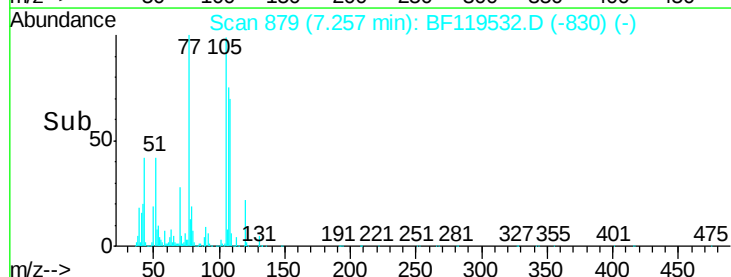
Abundance Ion 105.00 (104.70 to 105.70): E

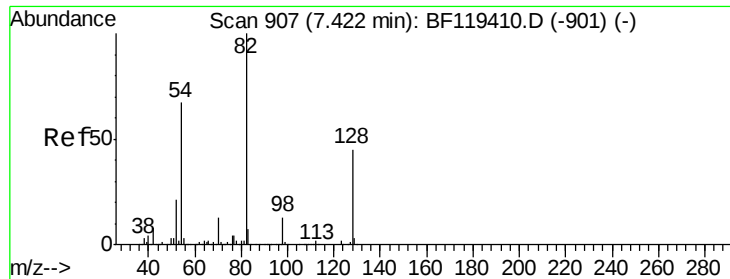
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->

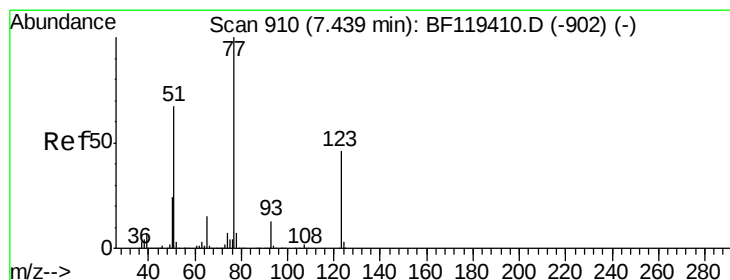
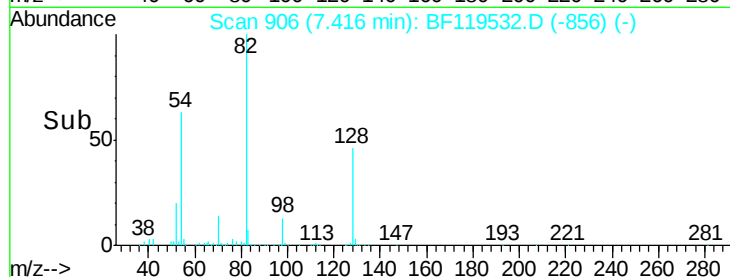
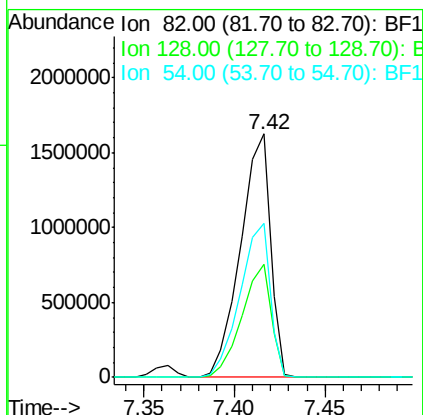
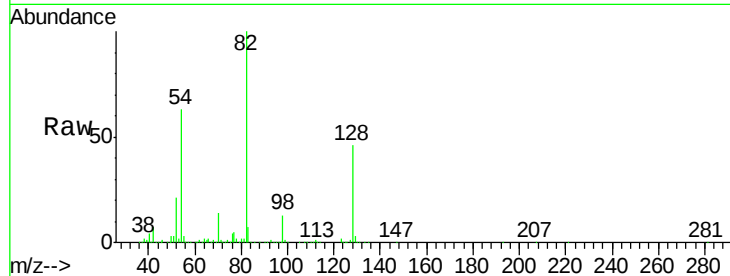




#23
 Nitrobenzene-d5
 Concen: 88.287 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

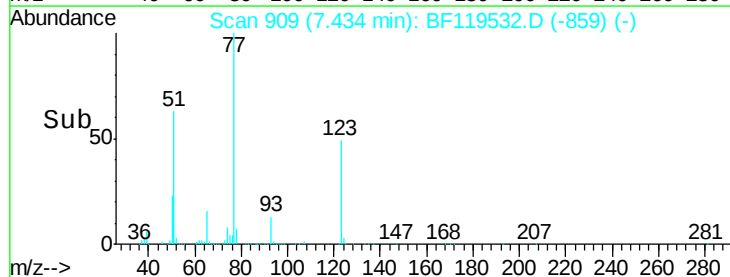
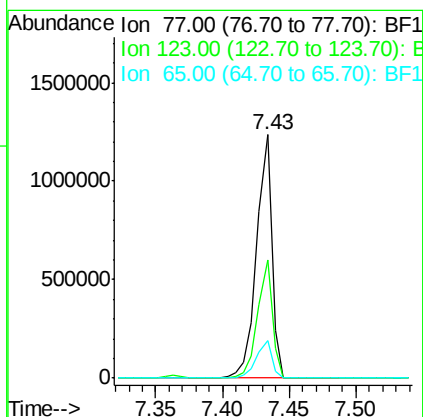
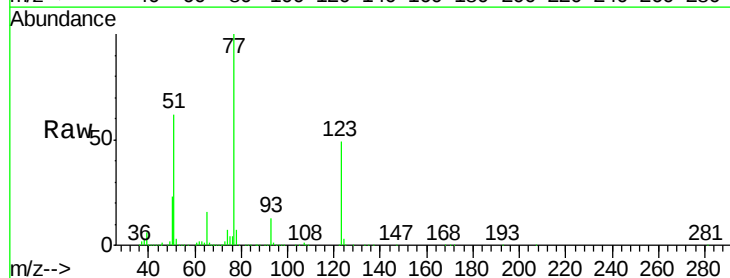
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

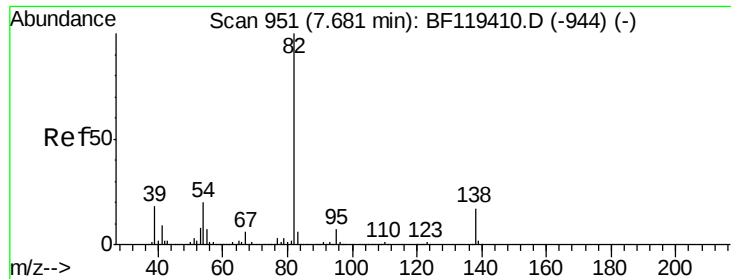
Tot Ion: 82 Resp: 1875539
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.8 53.8
 54 63.1 53.4 80.0



#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

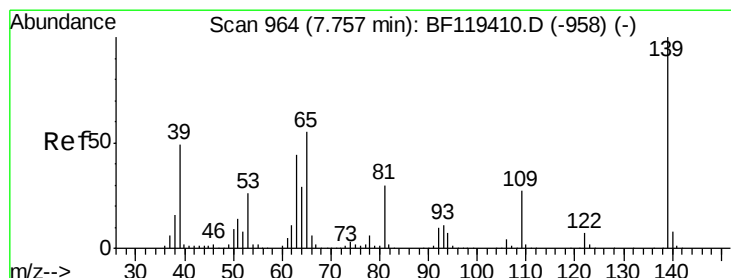
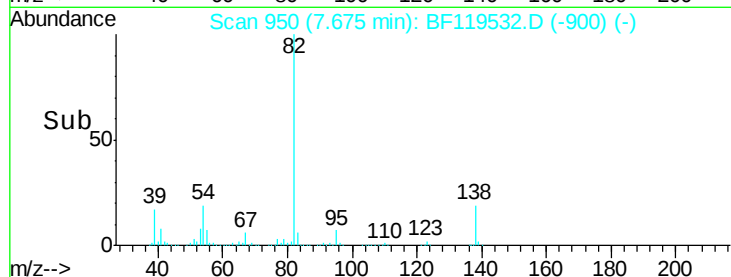
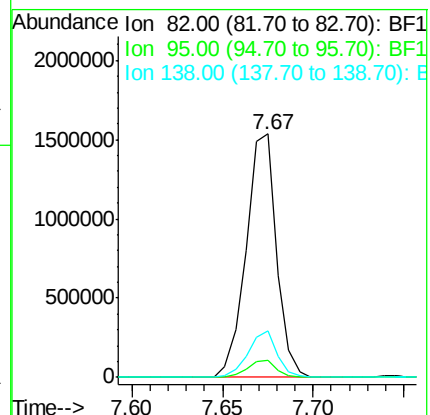
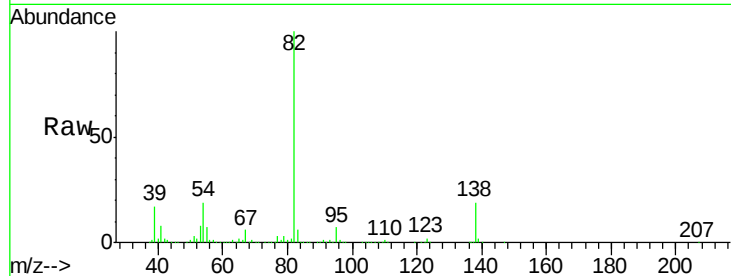
Tot Ion: 82 Resp: 1788821

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

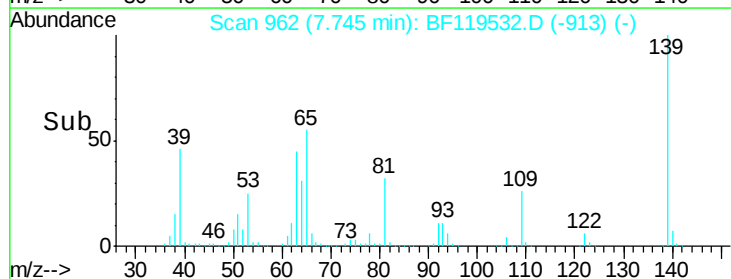
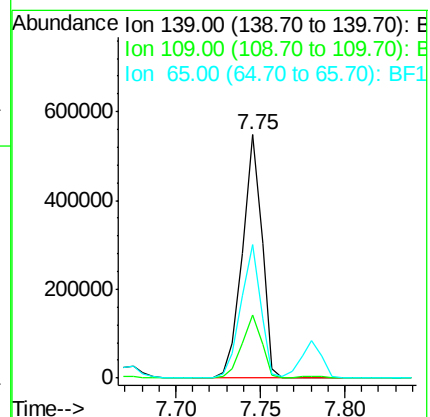
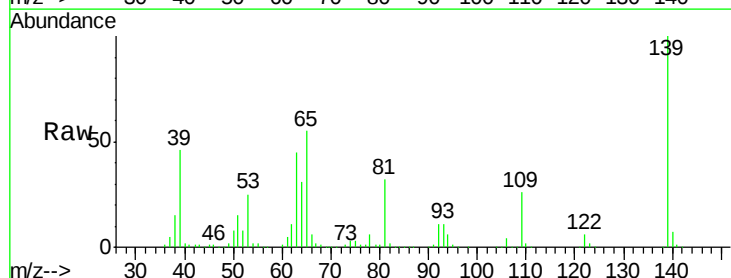
Tgt Ion: 139 Resp: 441830

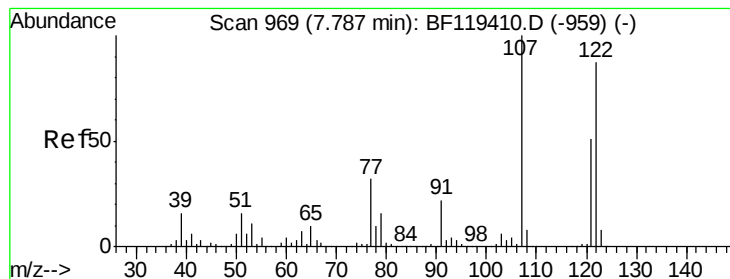
Ion Ratio Lower Upper

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

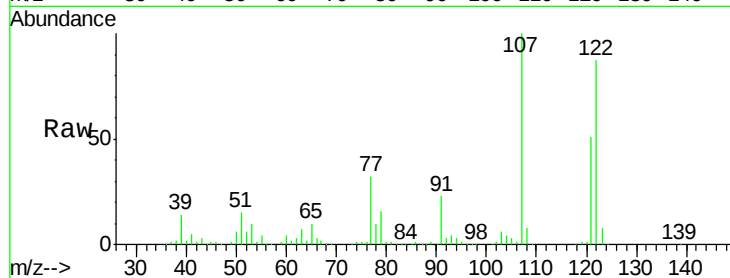
Tot Ion:122 Resp: 687597

Ion Ratio Lower Upper

122 100

107 114.6 91.8 137.6

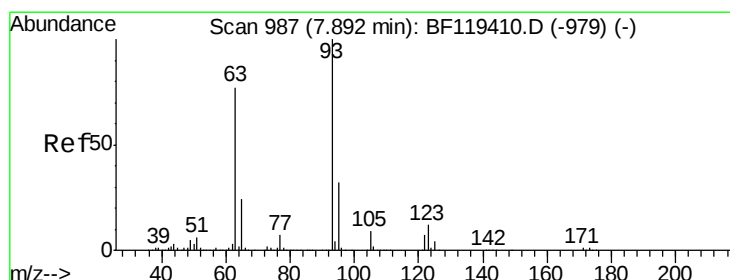
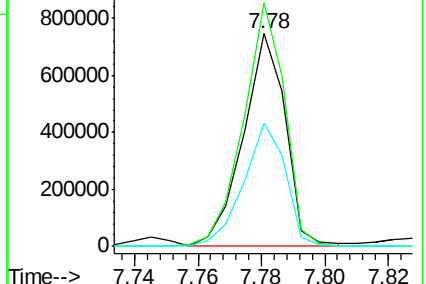
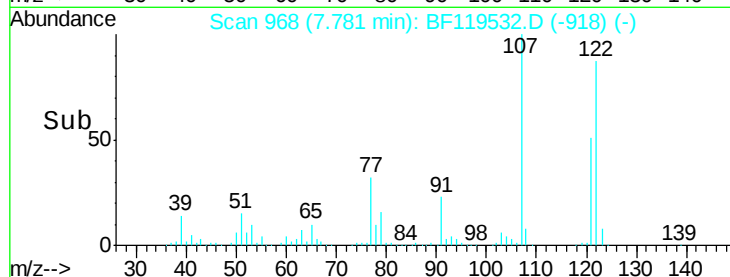
121 58.3 46.5 69.7



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



#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

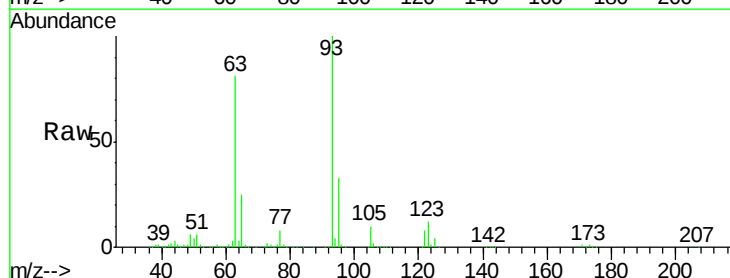
Tgt Ion: 93 Resp: 1081307

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

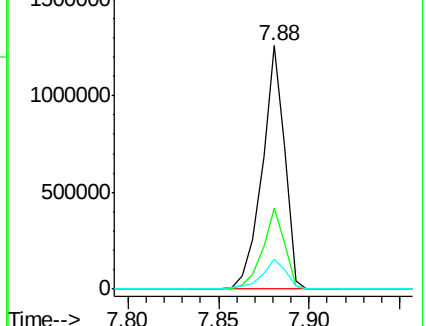
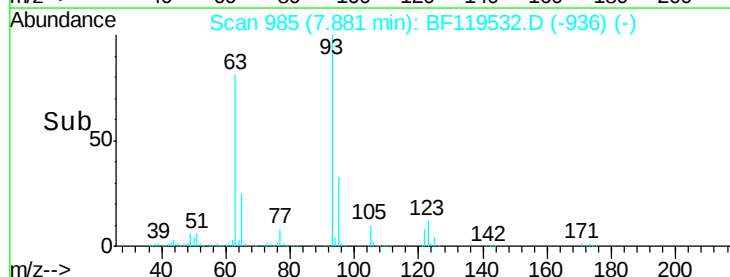
123 12.1 9.7 14.5

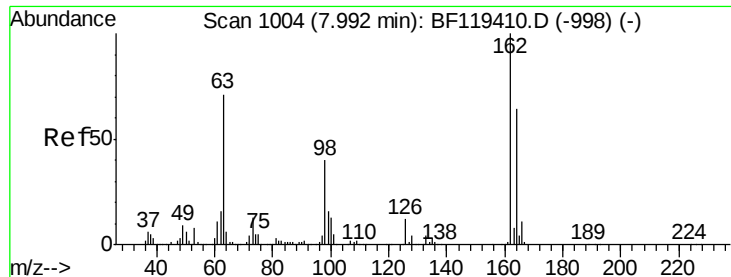


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

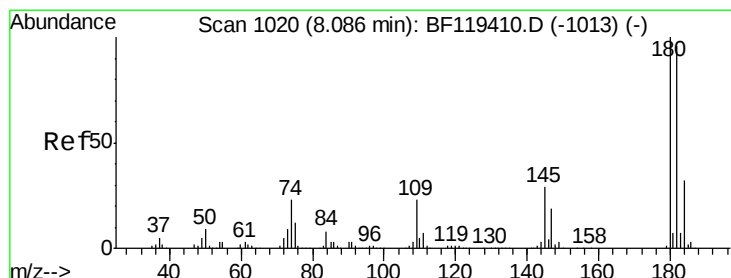
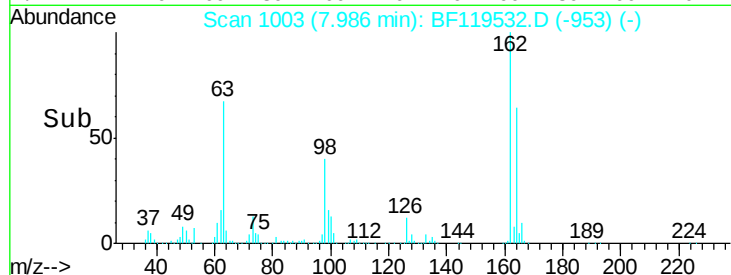
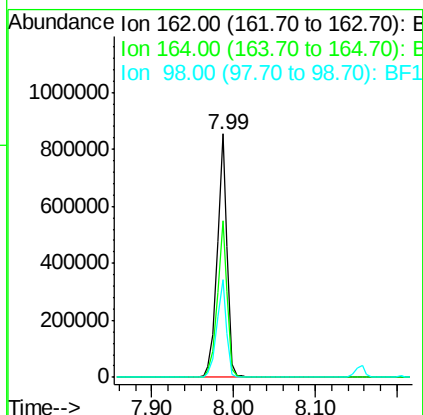
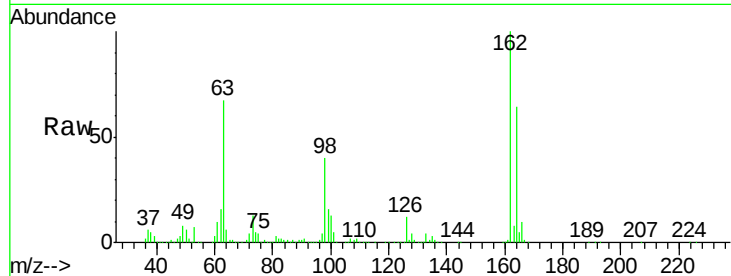




#29
 2,4-Dichlorophenol
 Concen: 42.791 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

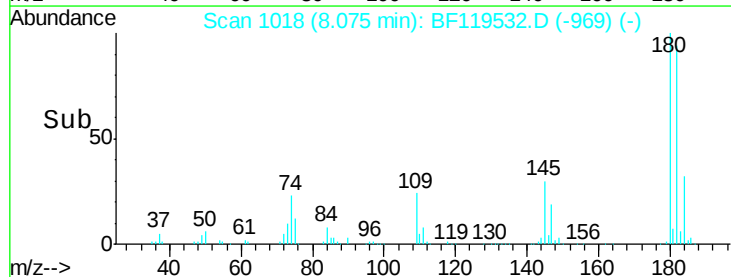
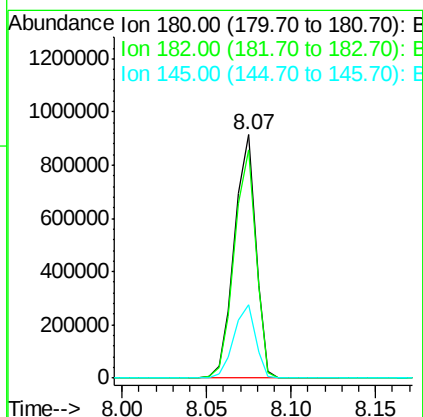
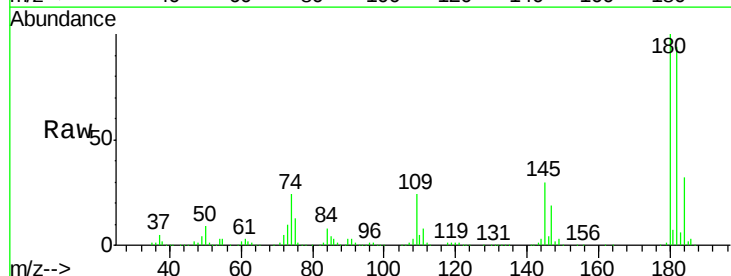
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

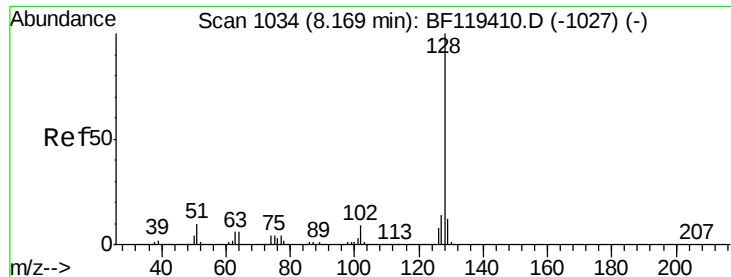
Tot Ion:162 Resp: 726739
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.6 83.6
 98 40.3 20.4 60.4



#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

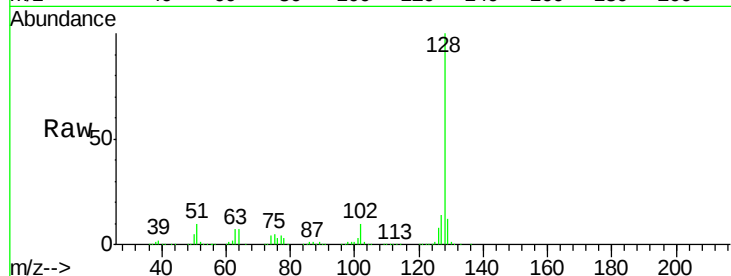




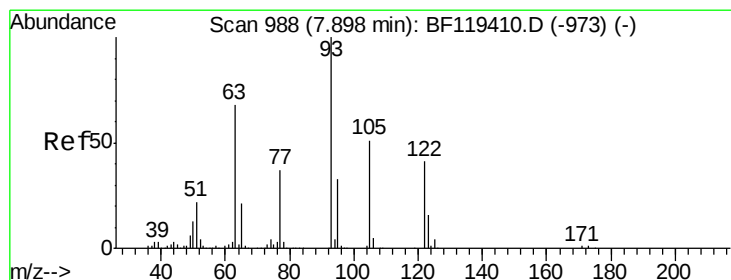
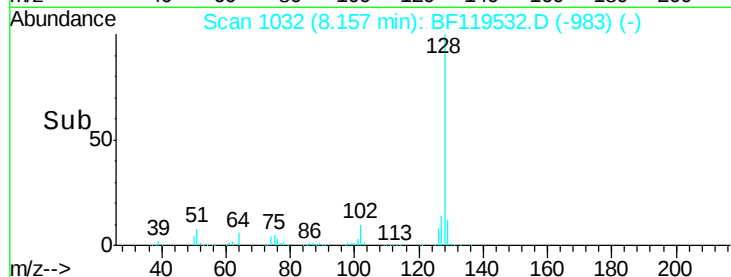
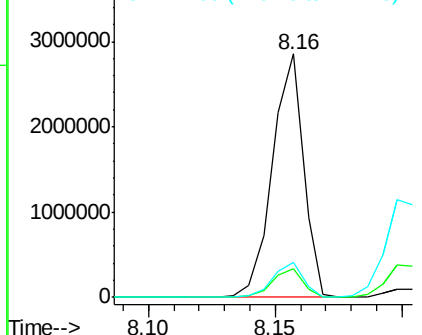
#31
Naphthalene
Concen: 40.788 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2423385
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.2 11.0 16.4

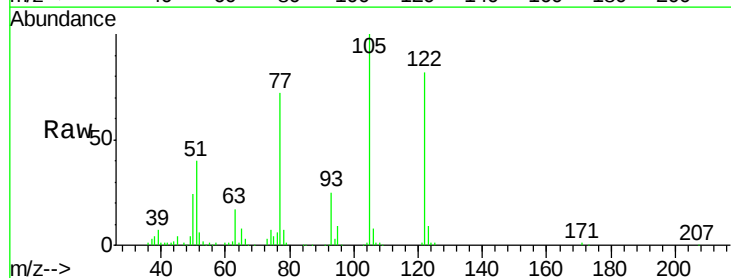


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

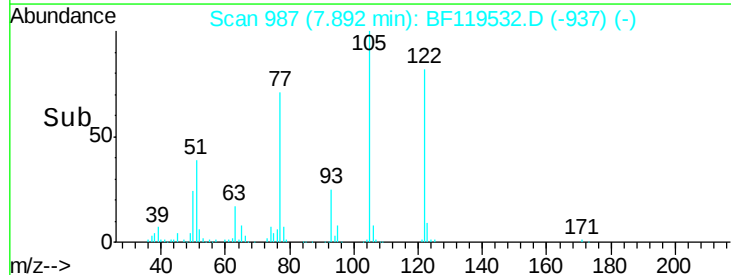
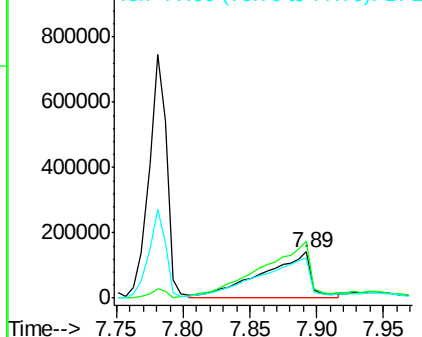


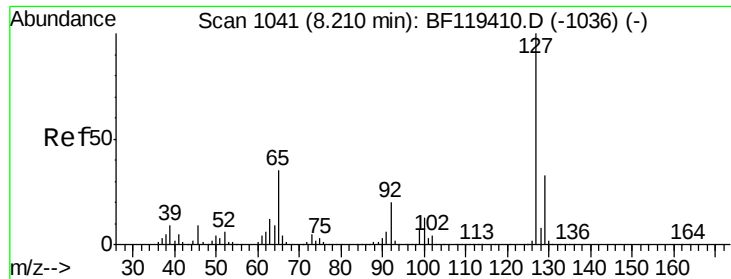
#32
Benzoic acid
Concen: 31.163 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

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

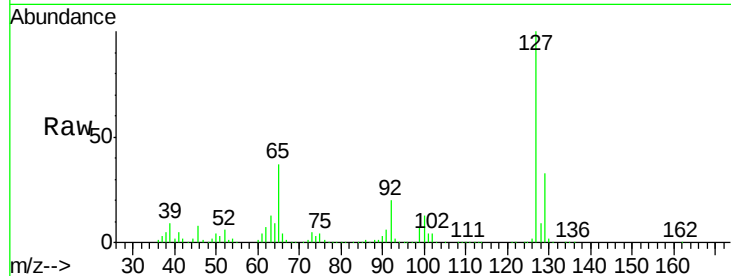




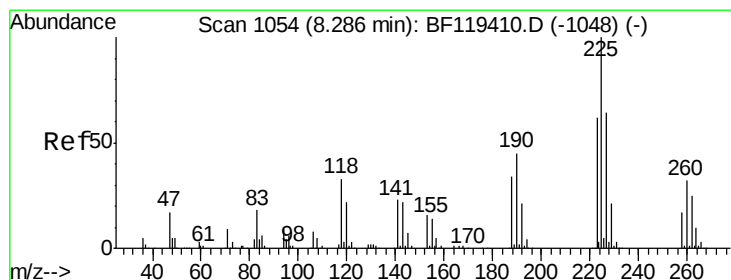
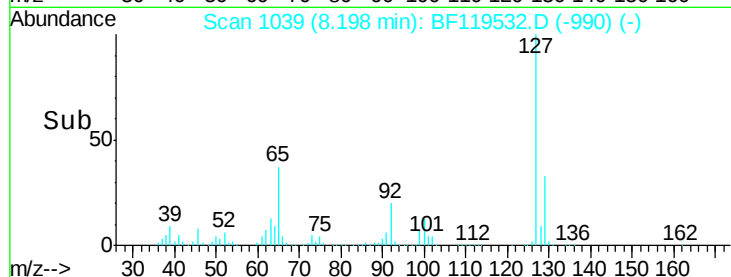
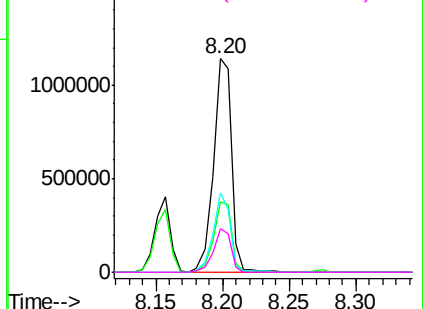
#33
4-Chloroaniline
Concen: 39.888 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot 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

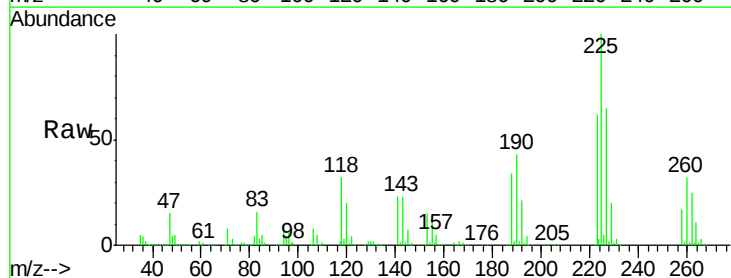


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

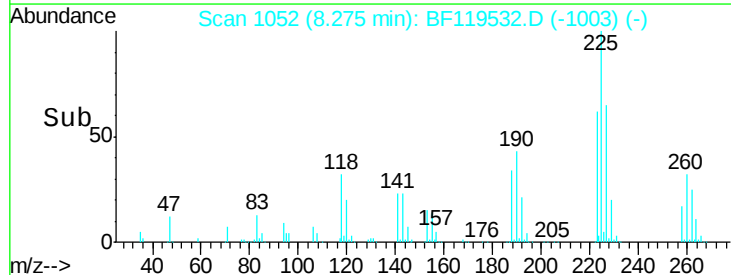
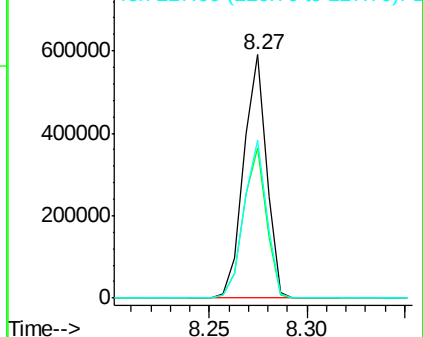


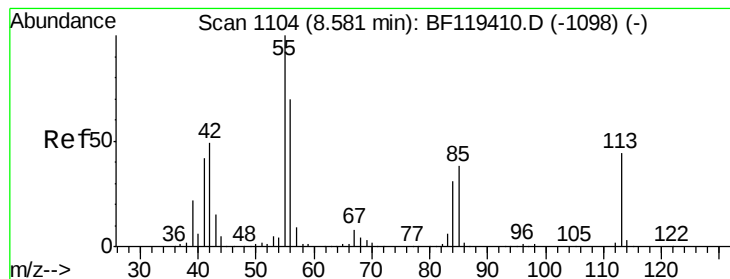
#34
Hexachlorobutadiene
Concen: 45.716 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

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

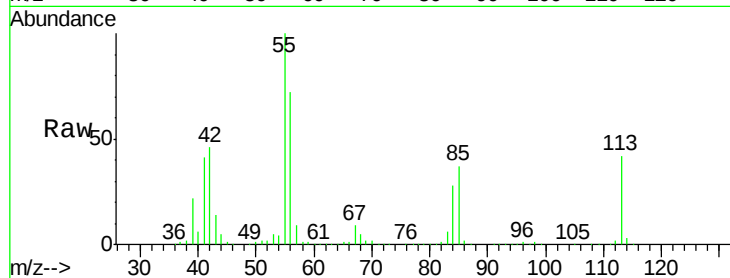
Tot Ion:113 Resp: 221533

Ion Ratio Lower Upper

113 100

55 238.0 208.4 248.4

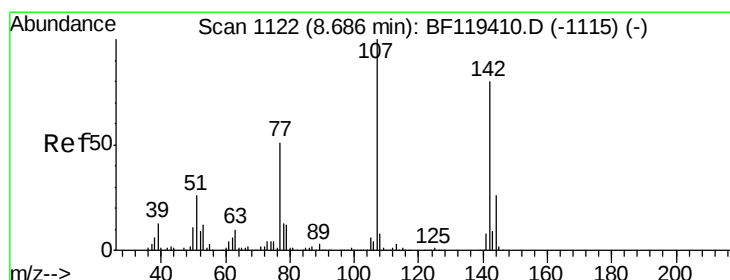
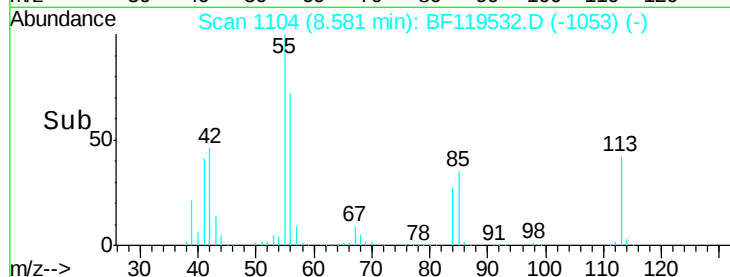
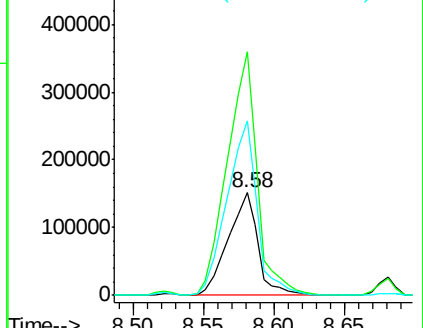
56 170.9 138.9 178.9



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

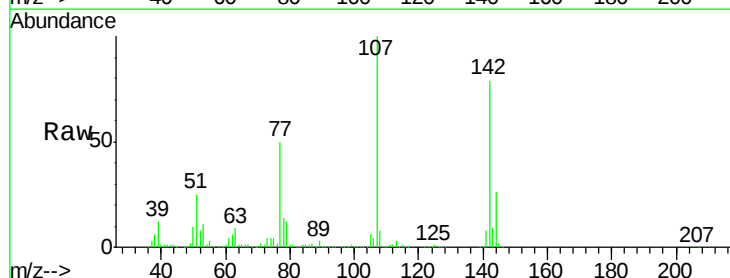
Tgt Ion:107 Resp: 764446

Ion Ratio Lower Upper

107 100

144 25.5 20.6 31.0

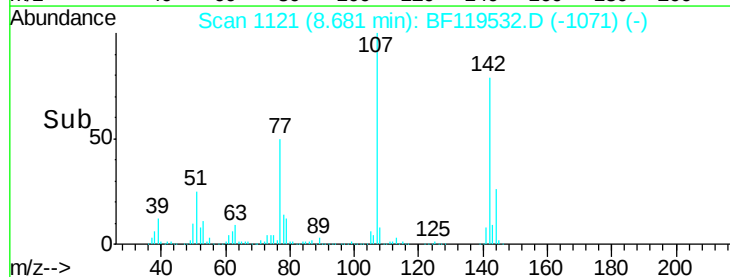
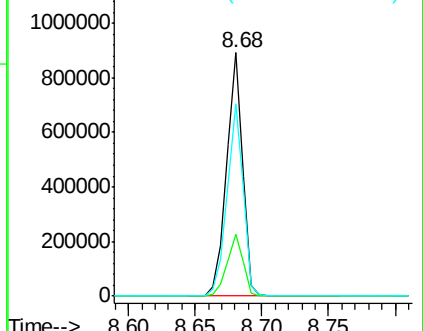
142 78.8 63.8 95.6

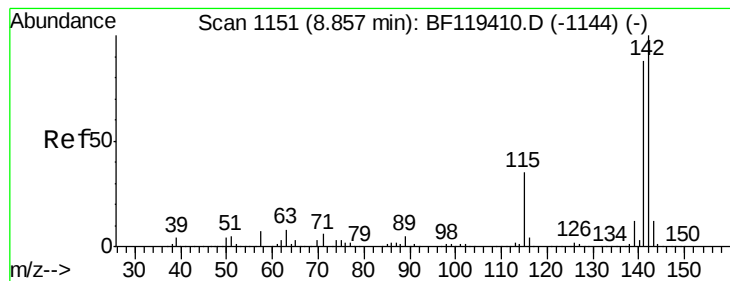


Abundance Ion 107.00 (106.70 to 107.70): E

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

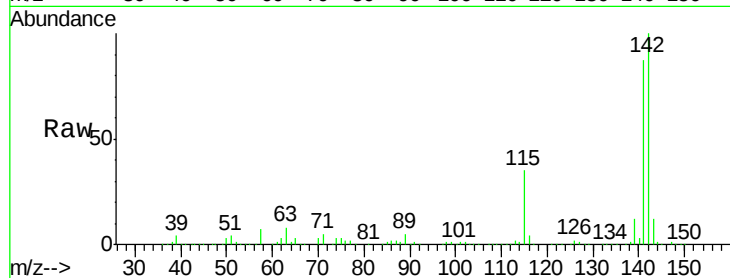
Tot Ion:142 Resp: 1630995

Ion Ratio Lower Upper

142 100

141 86.7 70.4 105.6

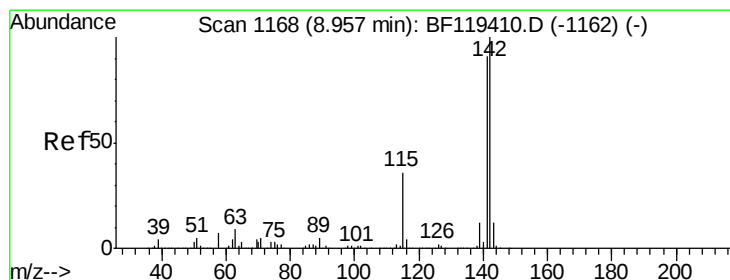
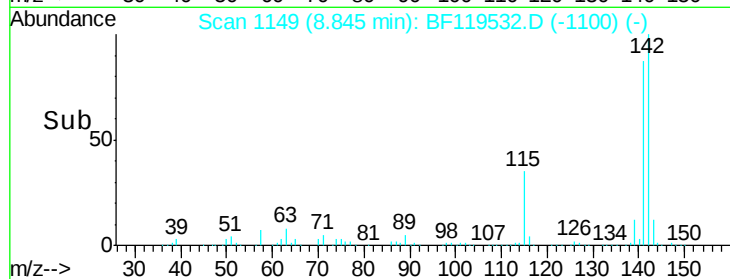
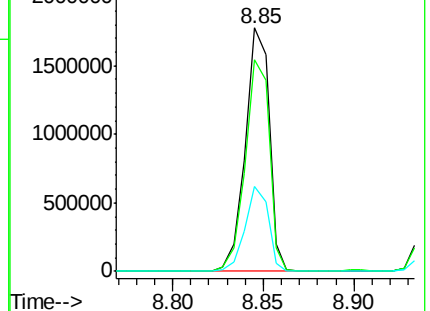
115 34.9 27.8 41.6



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

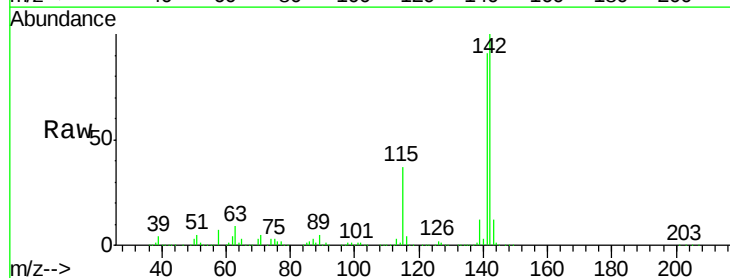
Tgt Ion:142 Resp: 1515047

Ion Ratio Lower Upper

142 100

141 90.7 73.1 109.7

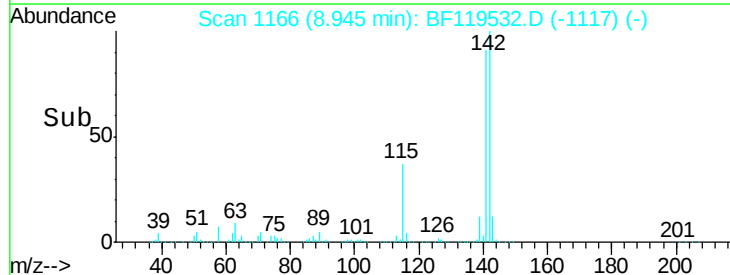
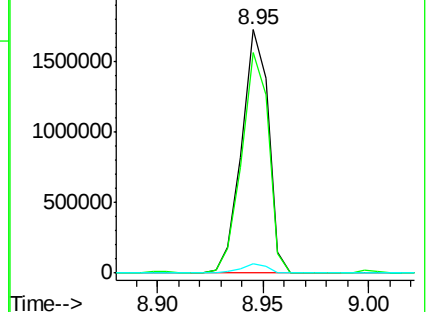
116 3.9 3.0 4.6

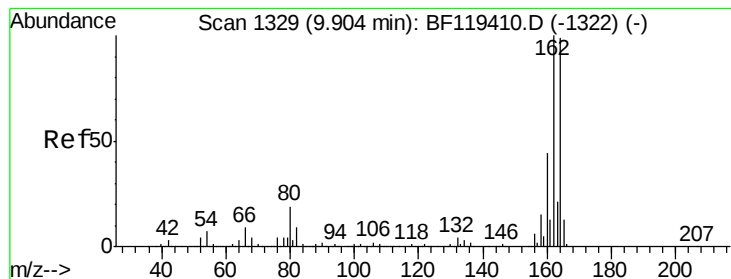


Abundance Ion 142.00 (141.70 to 142.70): E

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

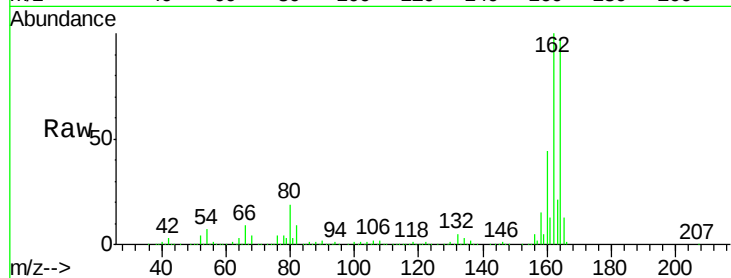
Tot Ion:164 Resp: 565558

Ion Ratio Lower Upper

164 100

162 103.2 80.7 121.1

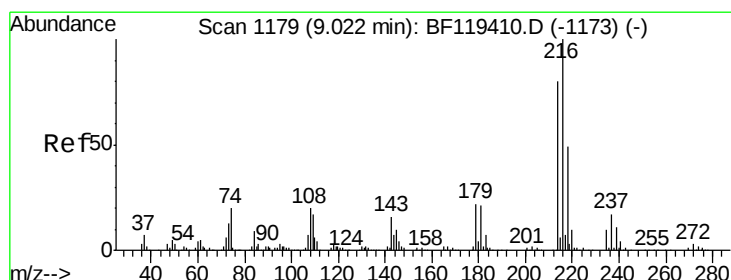
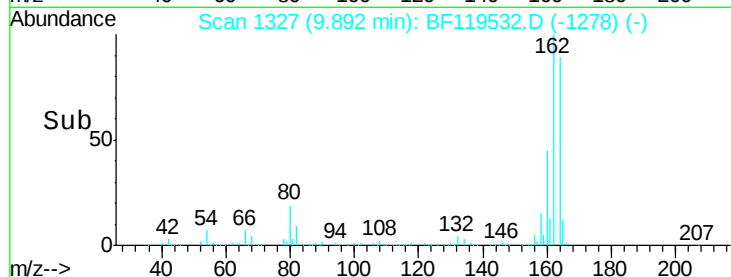
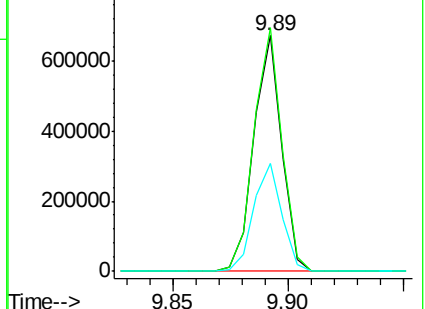
160 45.9 35.5 53.3



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

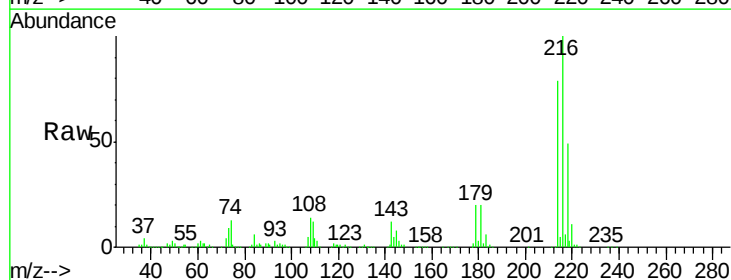
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 21.1 17.0 25.4

108 16.8 15.4 23.0

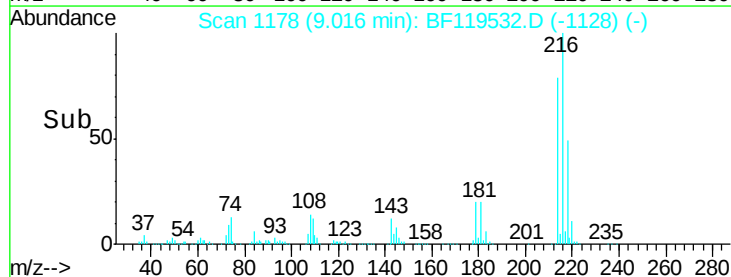
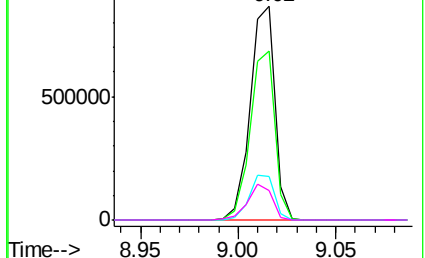


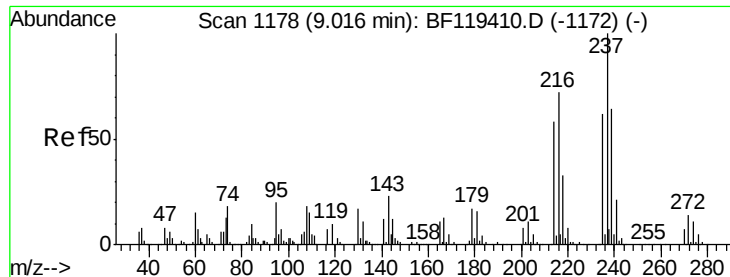
Abundance Ion 216.00 (215.70 to 216.70): E

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

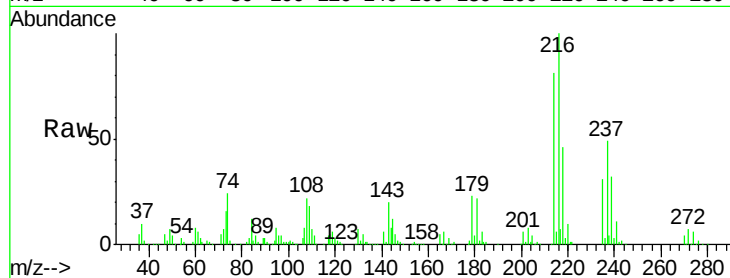
Tot Ion:237 Resp: 121601

Ion Ratio Lower Upper

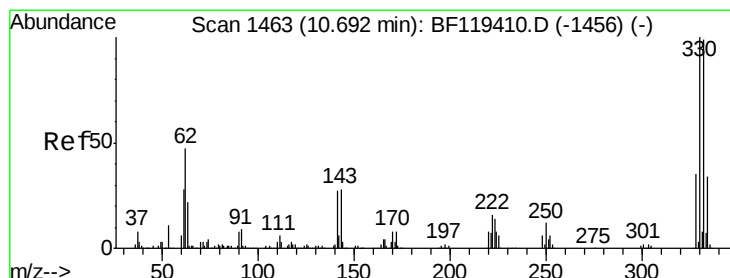
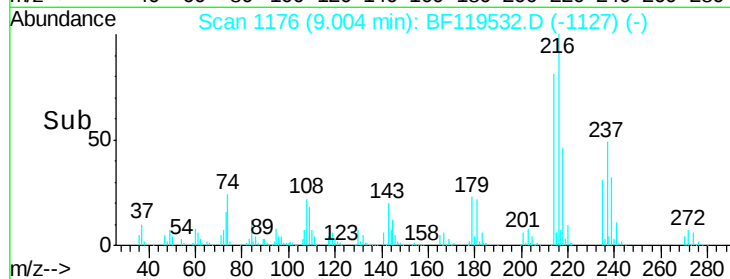
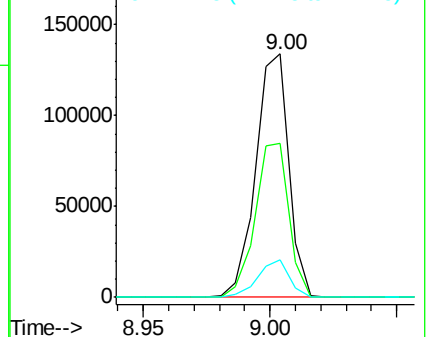
237 100

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

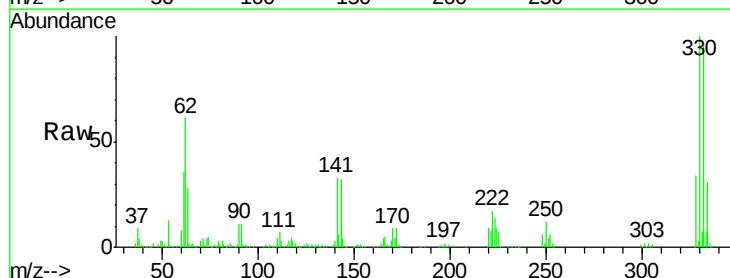
Tgt Ion:330 Resp: 498626

Ion Ratio Lower Upper

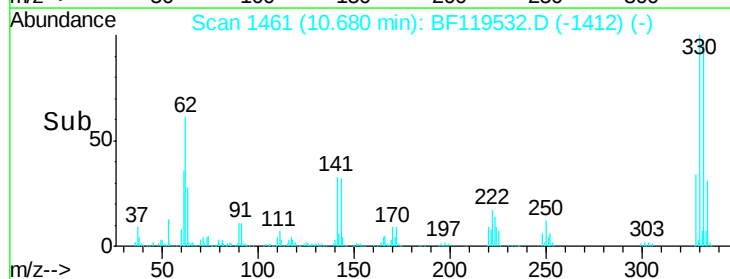
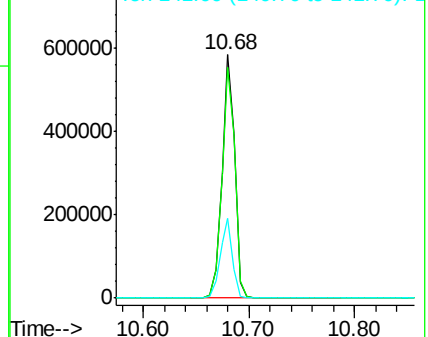
330 100

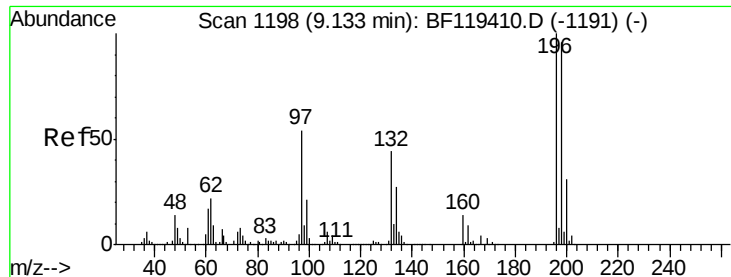
332 97.2 77.6 116.4

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

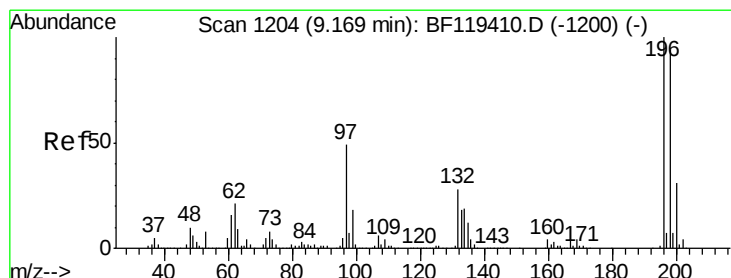
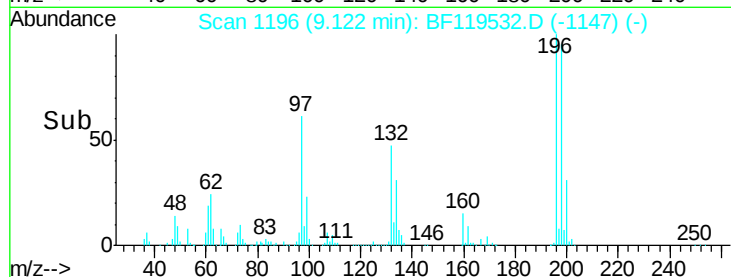
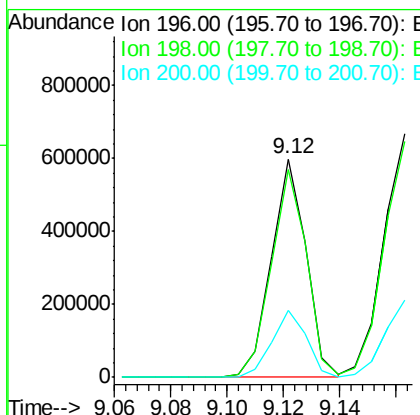
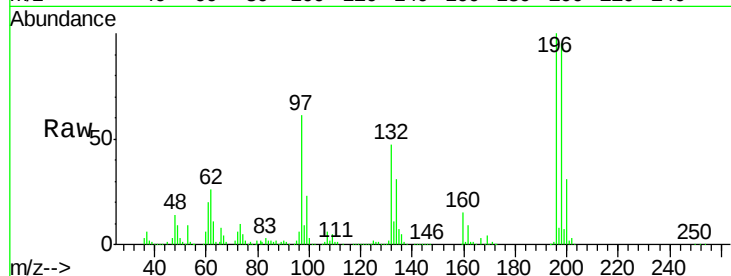




#43
 2,4,6-Trichlorophenol
 Concen: 42.987 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

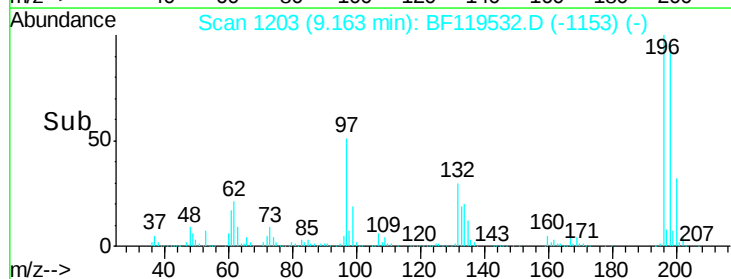
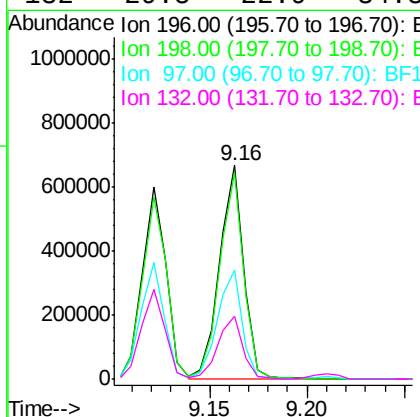
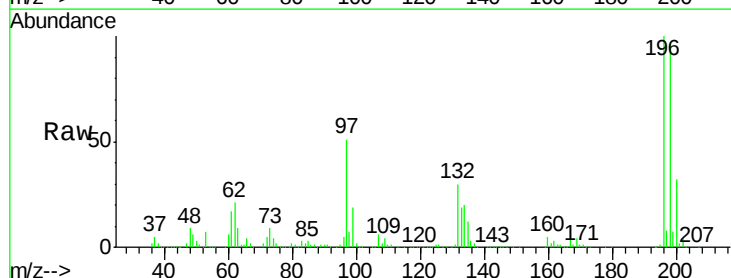
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

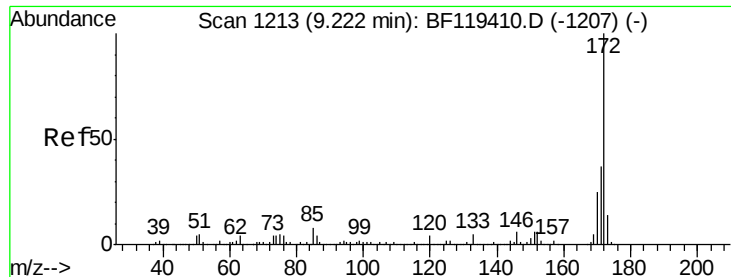
Tot Ion:196 Resp: 509951
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.4
 200 31.0 25.1 37.7



#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

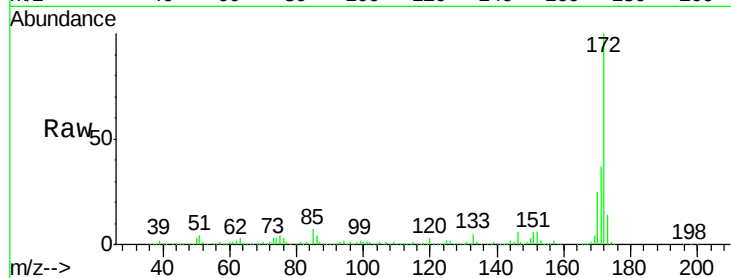




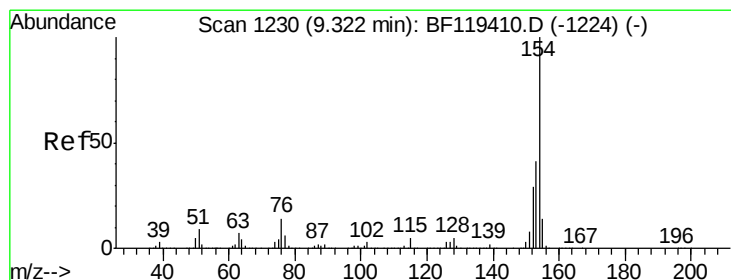
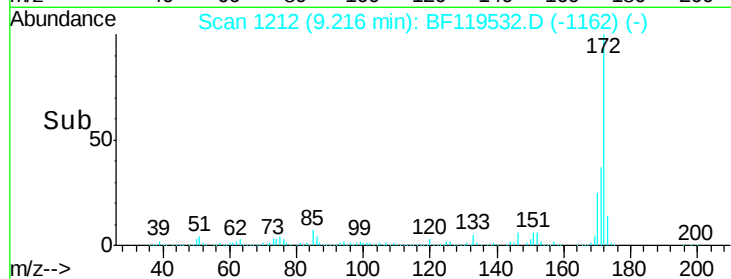
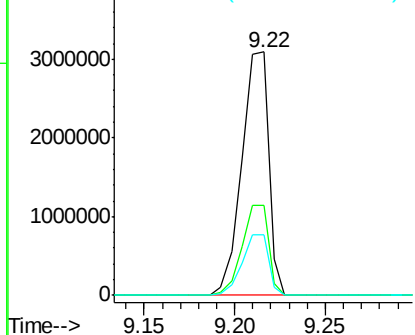
#45
 2-Fluorobiphenyl
 Concen: 83.684 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

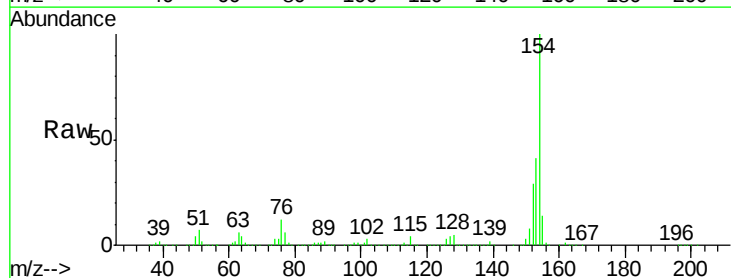


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

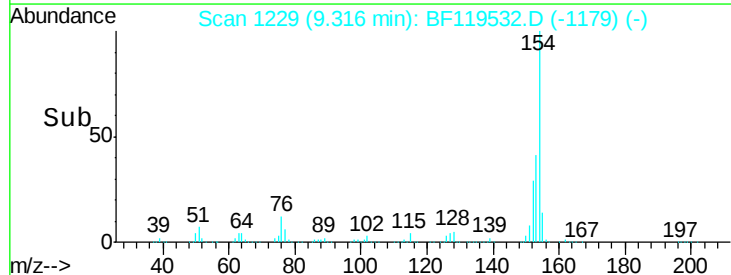
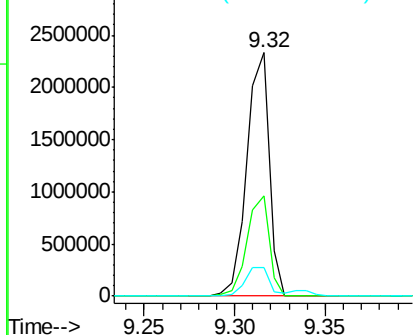


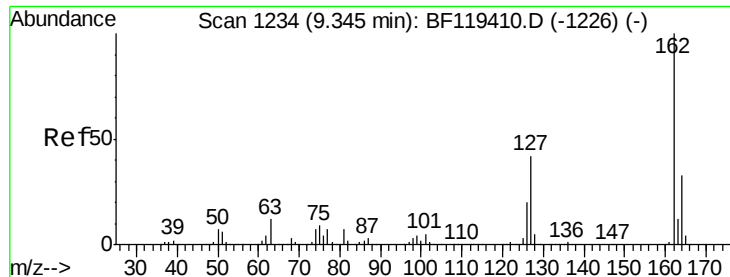
#46
 1,1'-Biphenyl
 Concen: 43.347 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

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

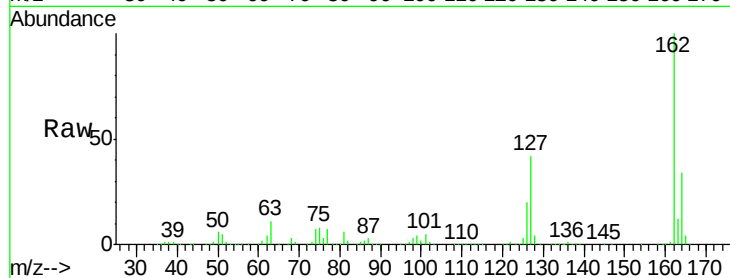




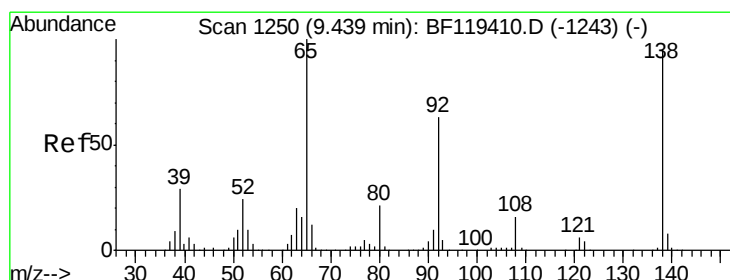
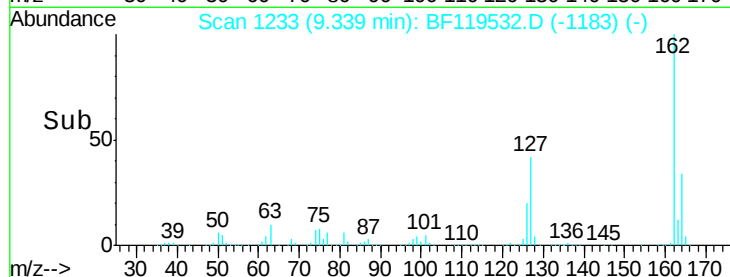
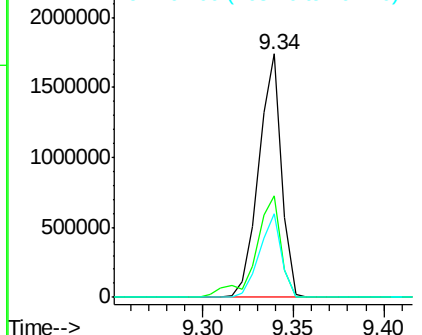
#47
2-Chloronaphthalene
Concen: 41.962 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 1514027
Ion Ratio Lower Upper
162 100
127 41.7 33.7 50.5
164 34.1 26.2 39.4

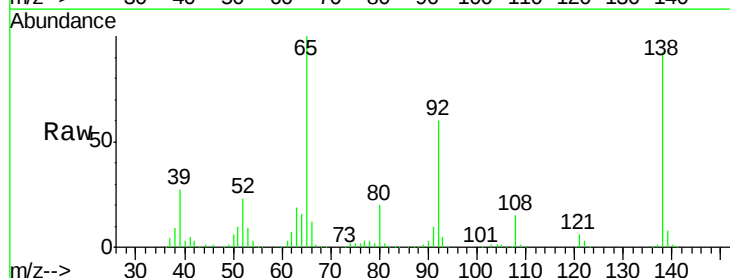


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

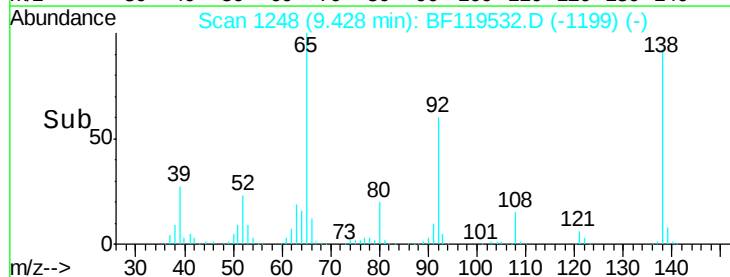
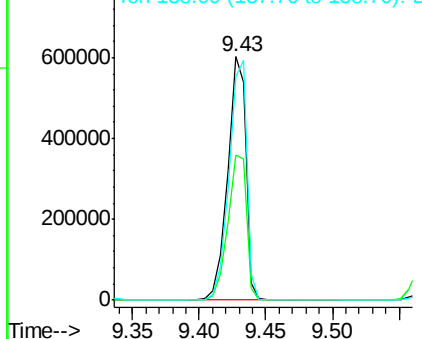


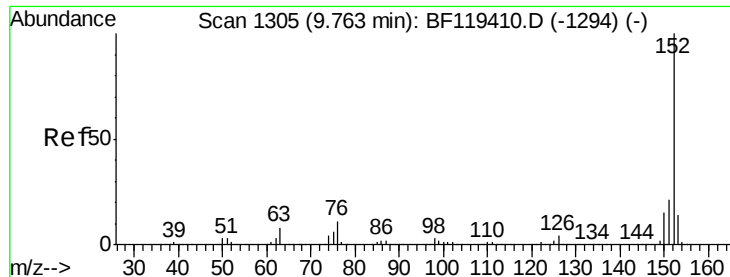
#48
2-Nitroaniline
Concen: 46.721 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

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

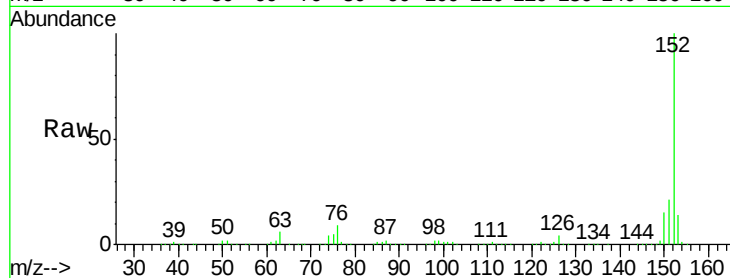
Tot Ion:152 Resp: 2299291

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

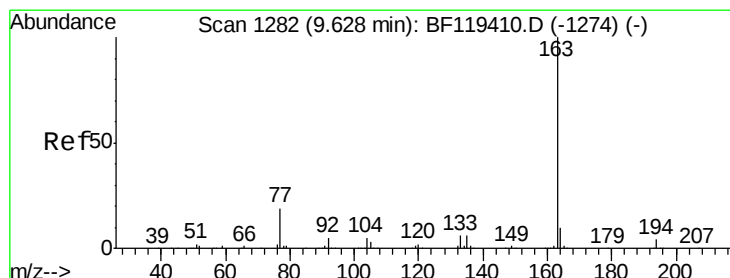
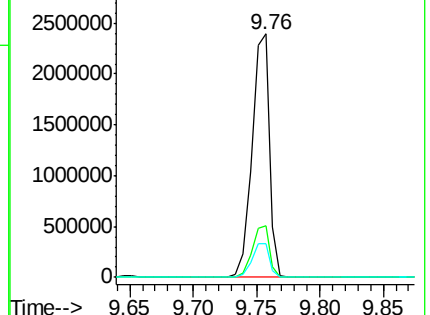
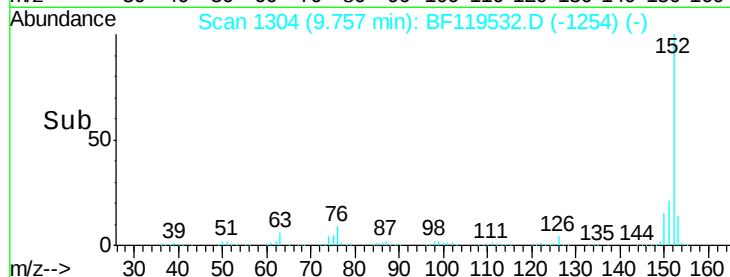
153 13.6 11.2 16.8



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

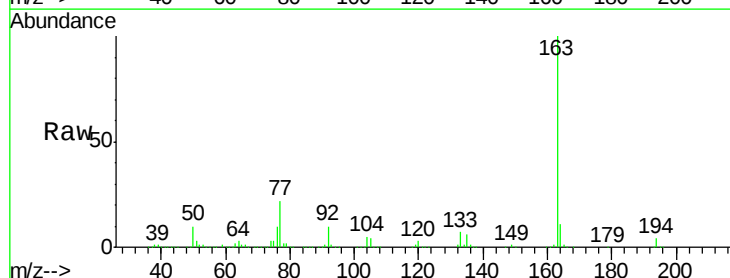
Tgt Ion:163 Resp: 1816395

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

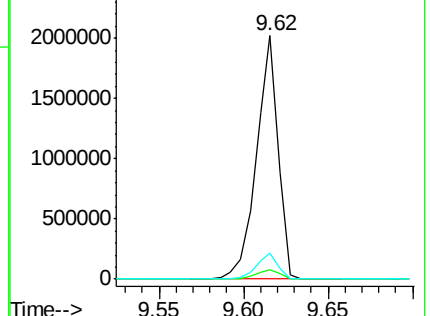
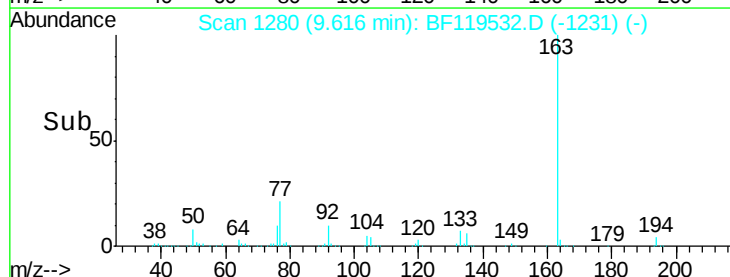
164 10.8 8.1 12.1

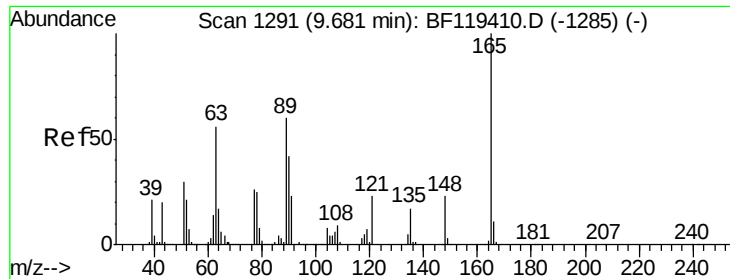


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

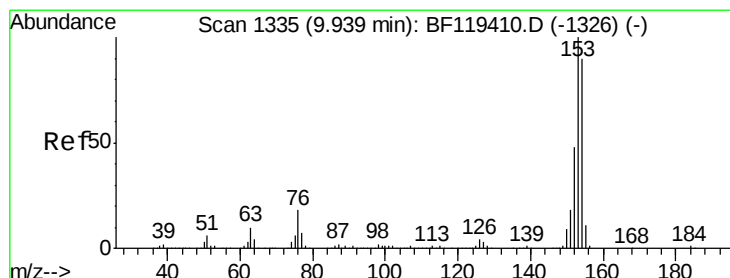
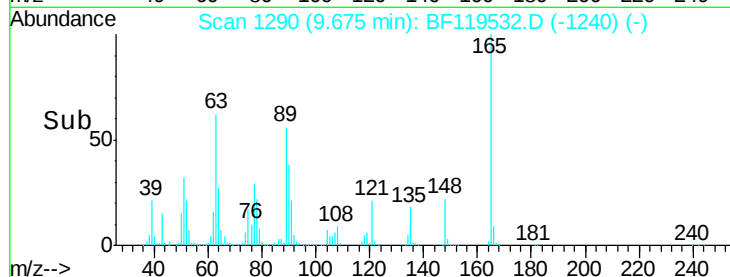
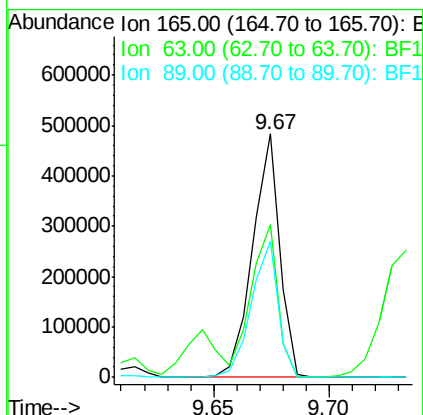
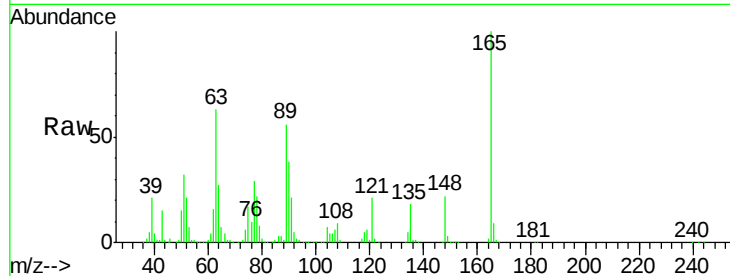




#51
2,6-Dinitrotoluene
Concen: 46.082 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

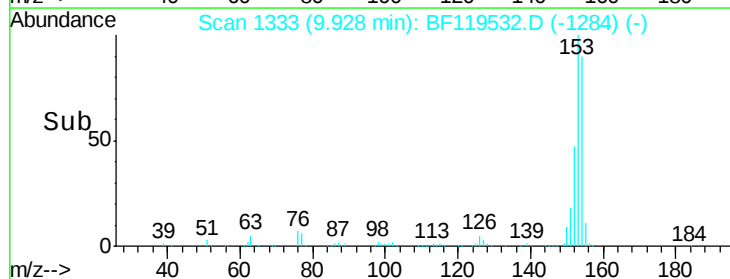
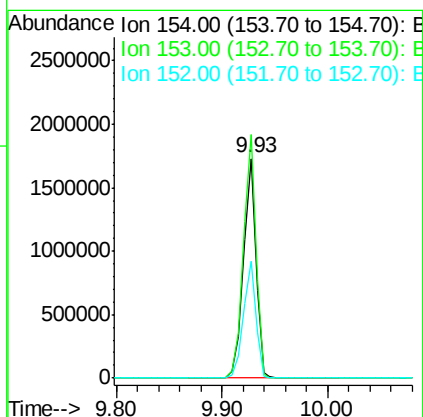
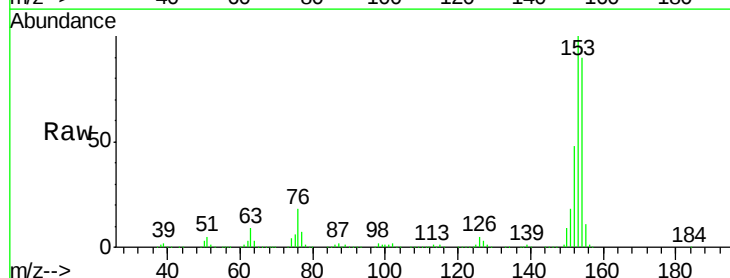
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

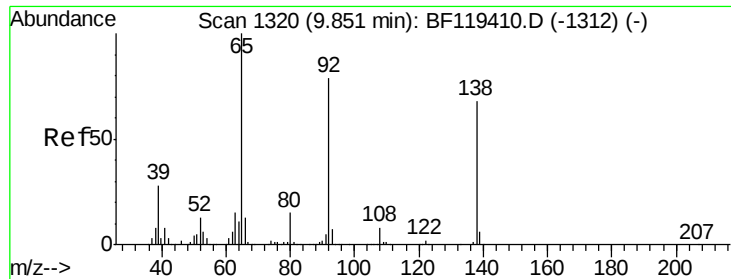
Tot Ion:165 Resp: 396794
Ion Ratio Lower Upper
165 100
63 62.6 57.3 85.9
89 55.8 47.8 71.8



#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

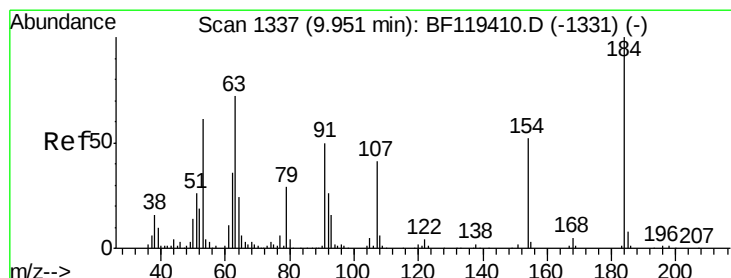
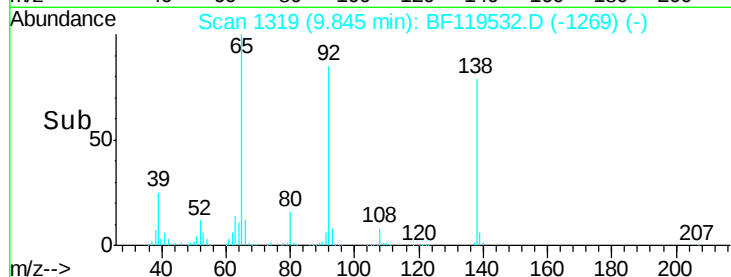
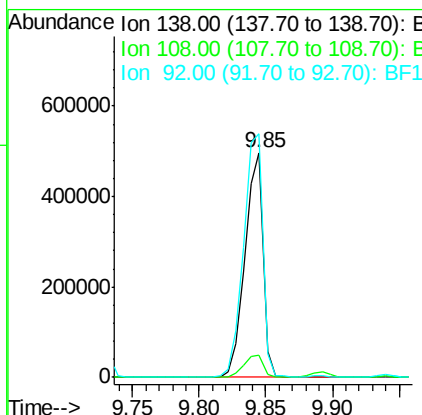
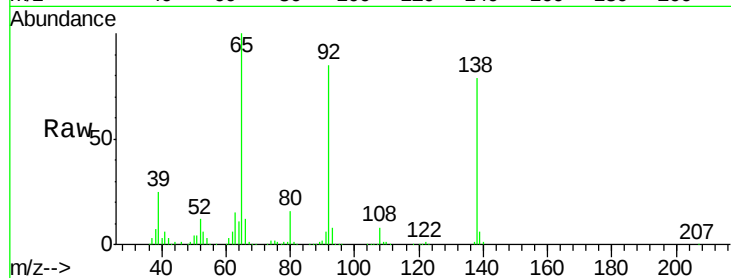




#53
3-Nitroaniline
Concen: 42.831 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

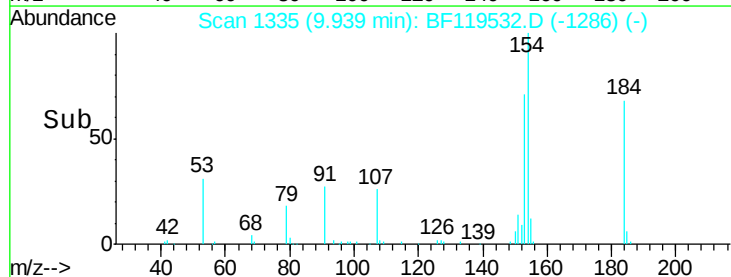
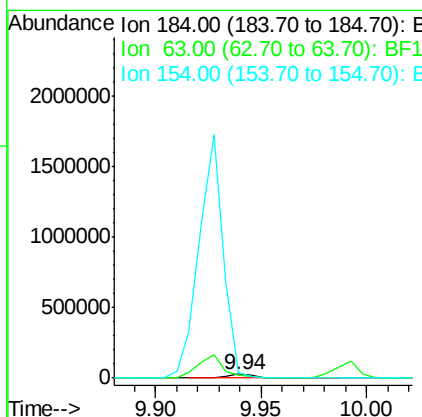
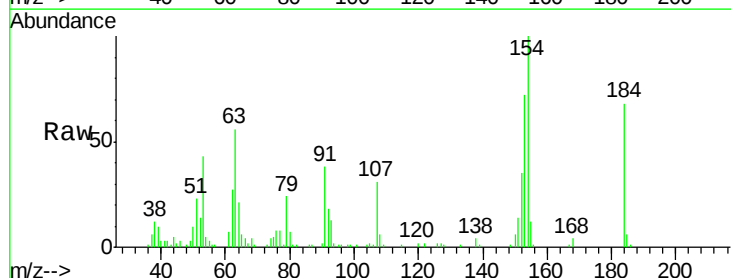
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

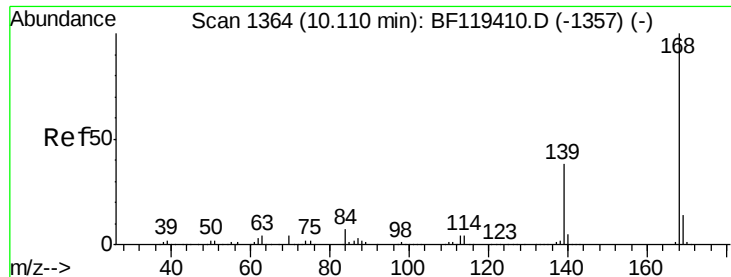
Tot Ion:138 Resp: 465600
Ion Ratio Lower Upper
138 100
108 9.9 9.0 13.6
92 108.3 93.2 139.8



#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#

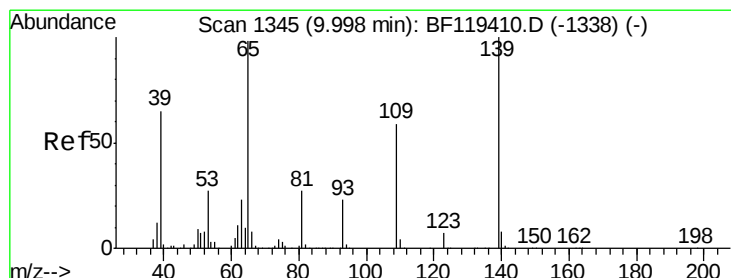
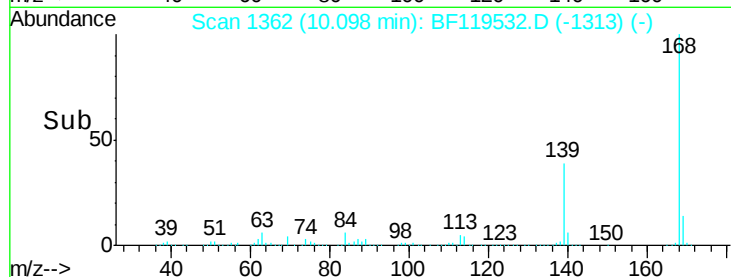
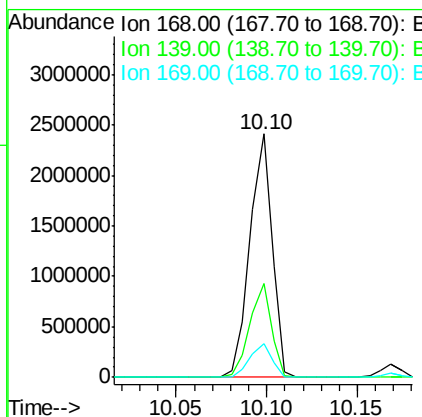
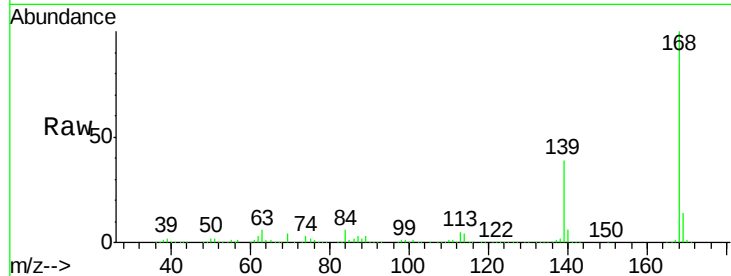




#55
Dibenzenofuran
Concen: 40.778 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

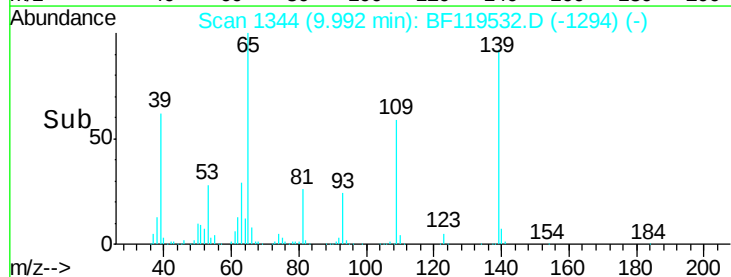
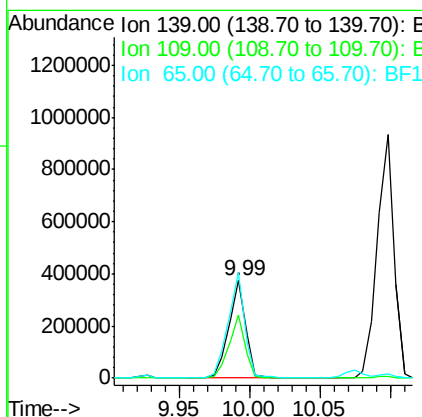
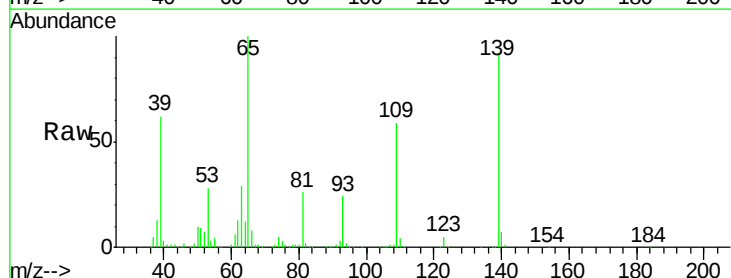
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

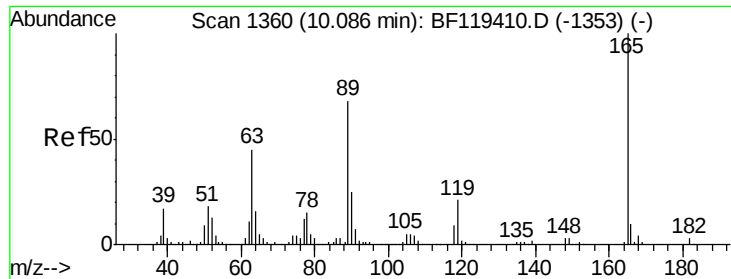
Tot Ion:168 Resp: 2065154
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.4
169 13.7 11.1 16.7



#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

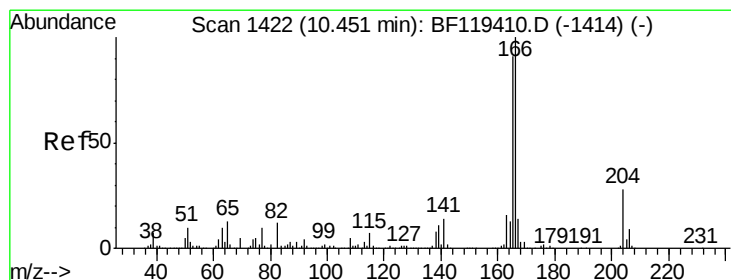
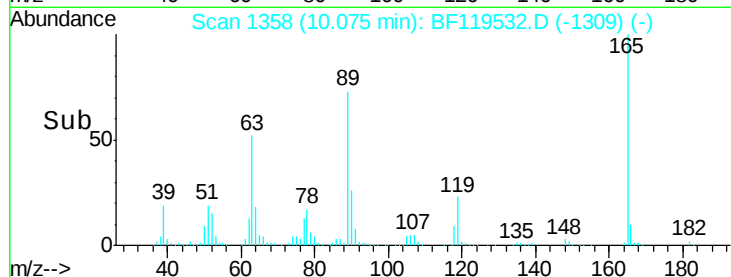
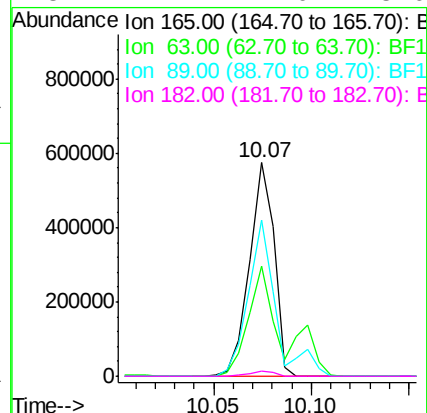
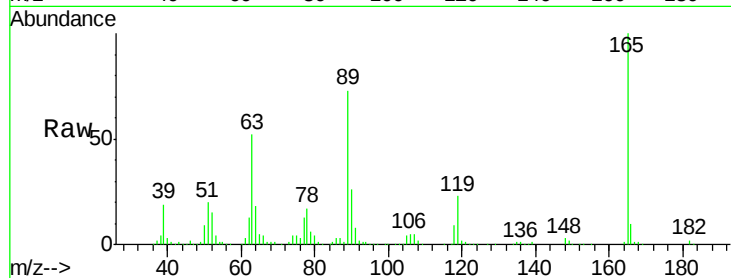




#57
2,4-Dinitrotoluene
Concen: 46.671 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

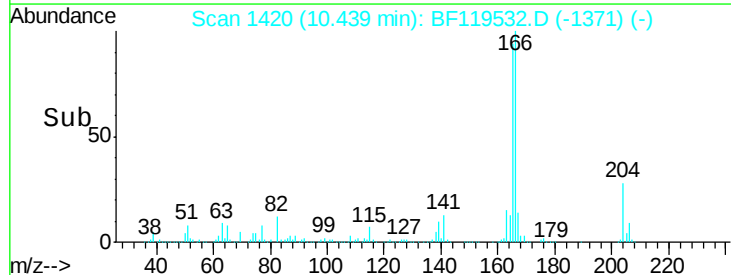
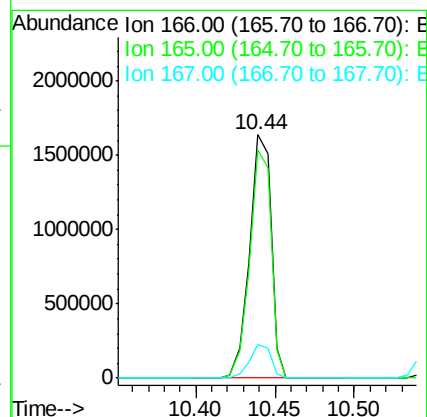
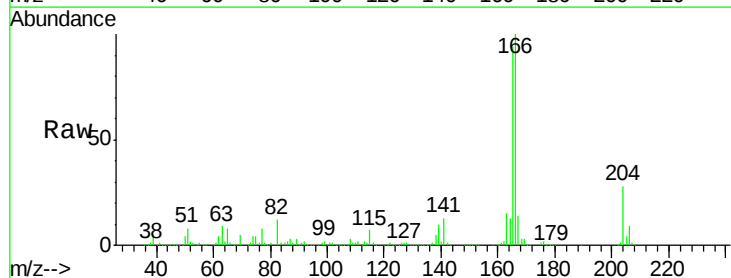
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

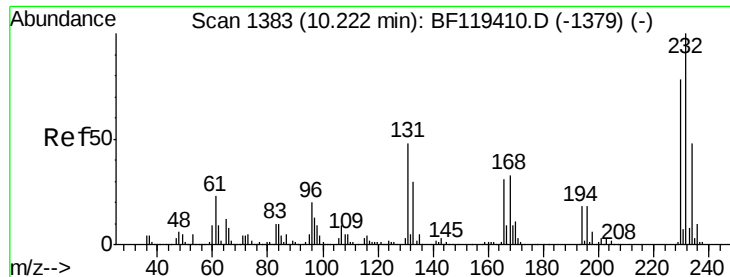
Tot Ion:165 Resp: 506240
Ion Ratio Lower Upper
165 100
63 51.9 36.2 54.4
89 73.2 54.3 81.5
182 2.4 2.0 3.0



#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

Tot Ion:232 Resp: 394754

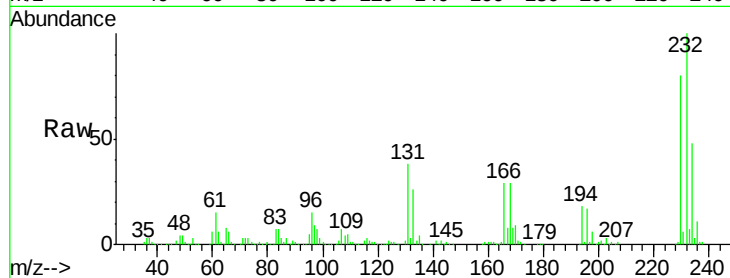
Ion Ratio Lower Upper

232 100

131 45.9 36.3 54.5

130 2.3 1.8 2.6

166 32.1 24.9 37.3

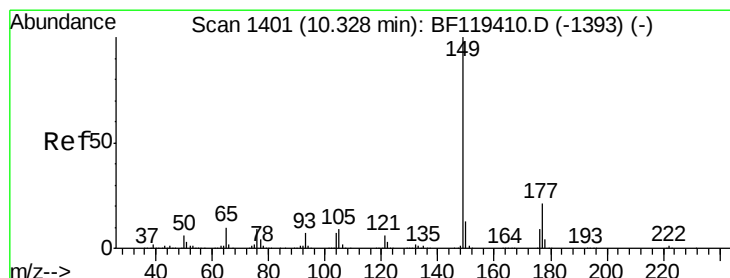
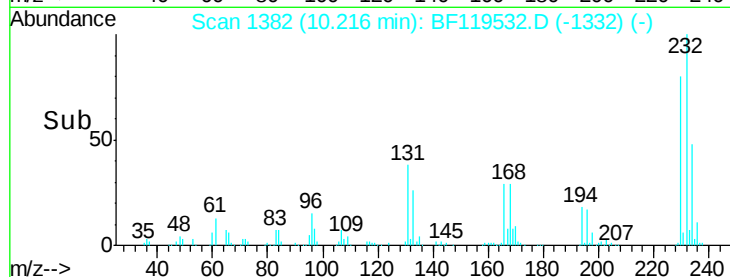
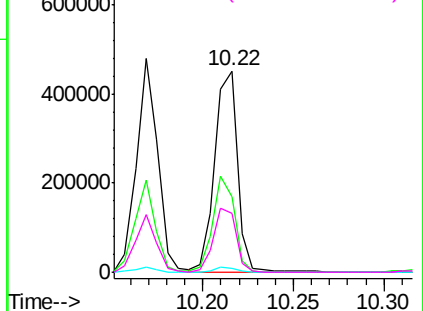


Abundance Ion 232.00 (231.70 to 232.70): E

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

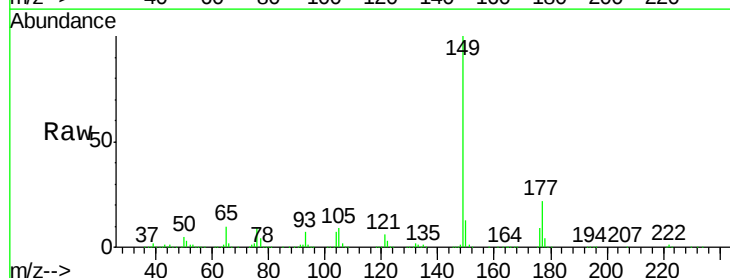
Tgt Ion:149 Resp: 1885279

Ion Ratio Lower Upper

149 100

177 21.9 17.0 25.6

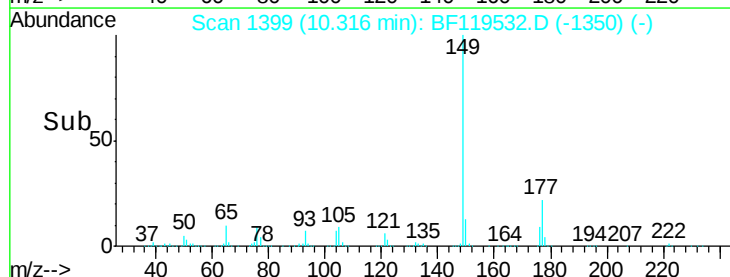
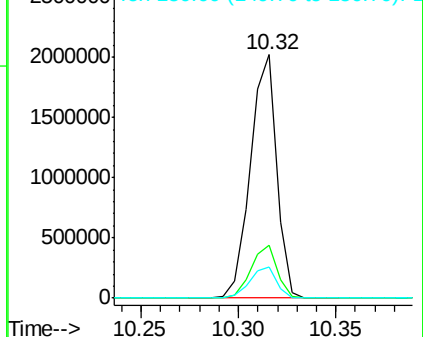
150 12.8 10.2 15.4

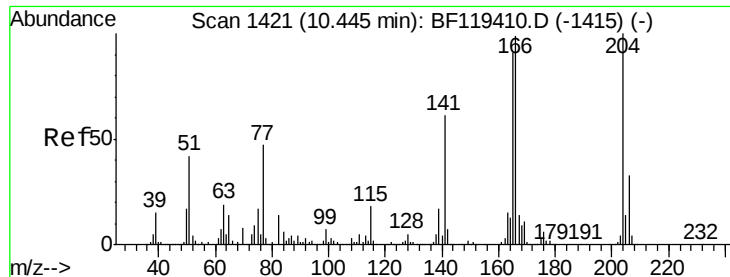


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

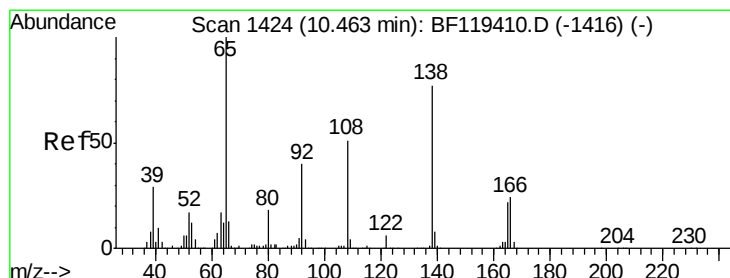
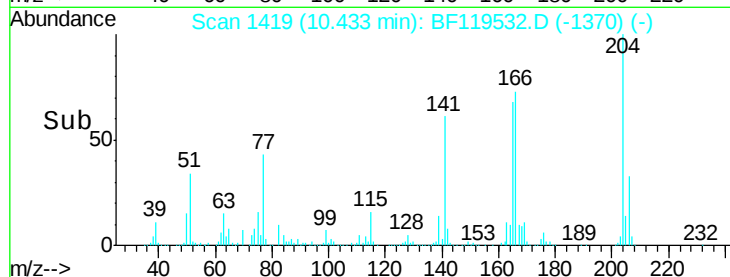
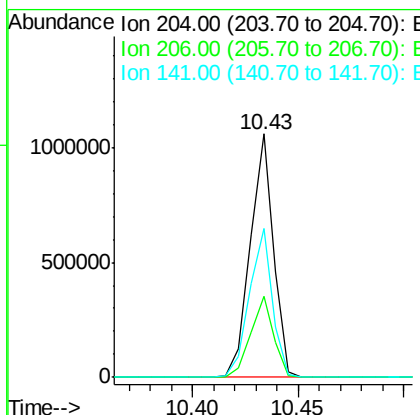
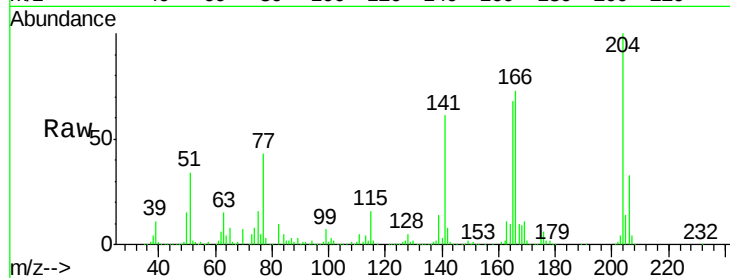




#61
 4-Chlorophenyl-phenylether
 Concen: 44.341 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

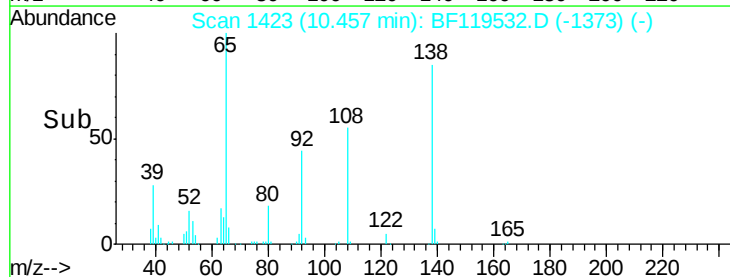
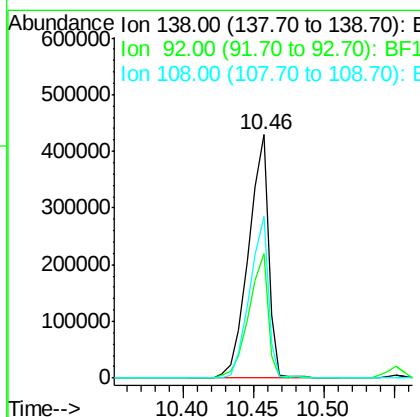
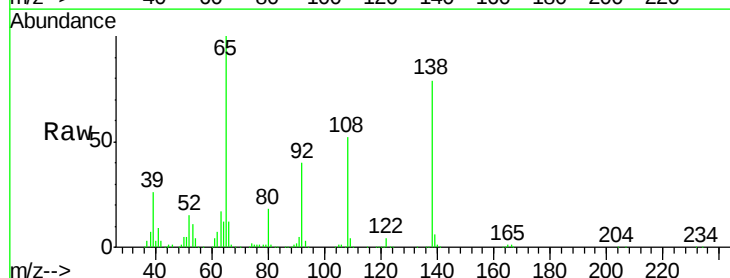
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

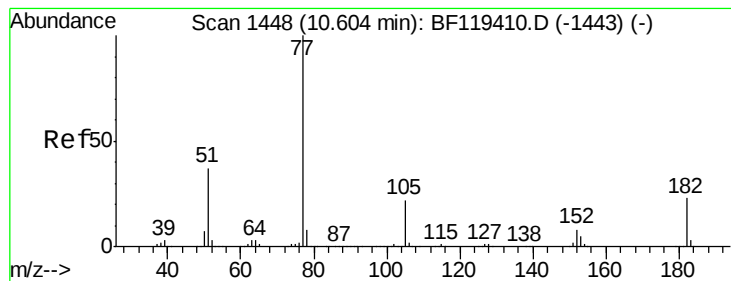
Tot Ion:204 Resp: 812056
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.7 40.1
 141 61.3 48.8 73.2



#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





#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

Tot Ion: 77 Resp: 1678253

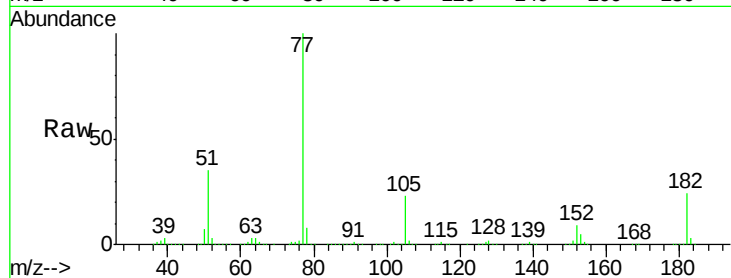
Ion Ratio Lower Upper

77 100

182 24.2 2.5 42.5

105 23.2 2.5 42.5

51 35.0 17.1 57.1

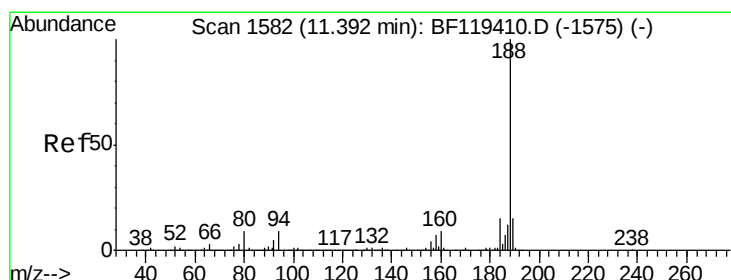
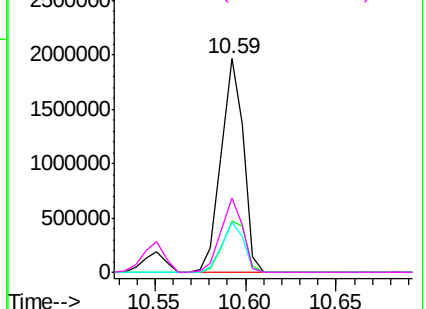
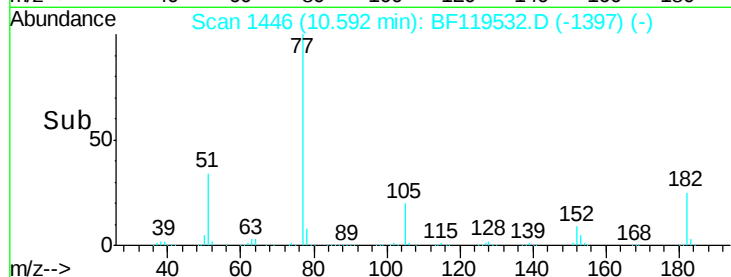


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

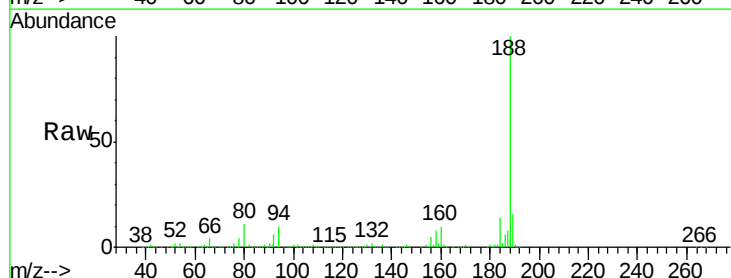
Tgt Ion: 188 Resp: 954653

Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

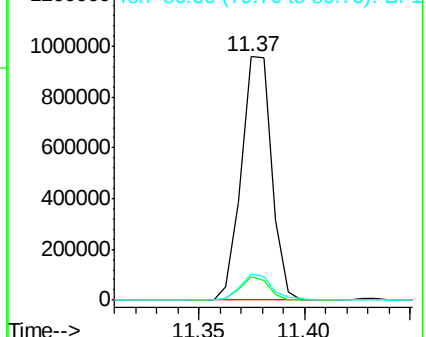
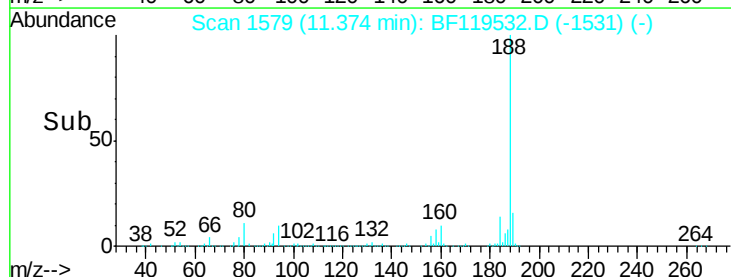
80 10.6 7.5 11.3

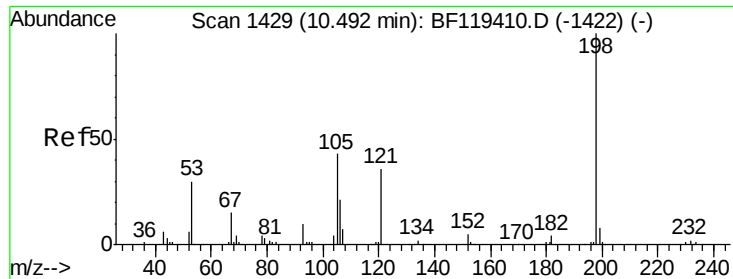


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

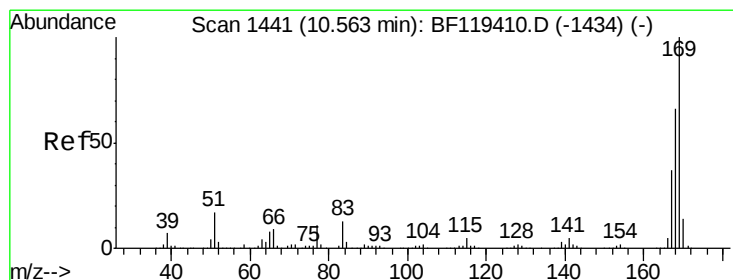
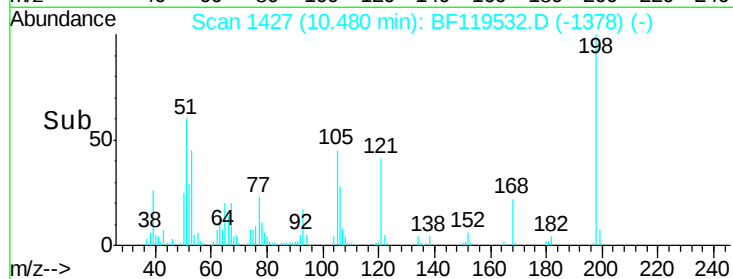
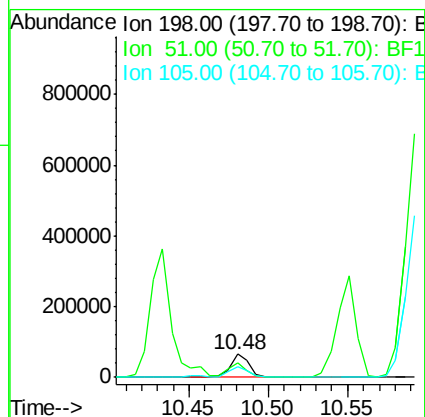
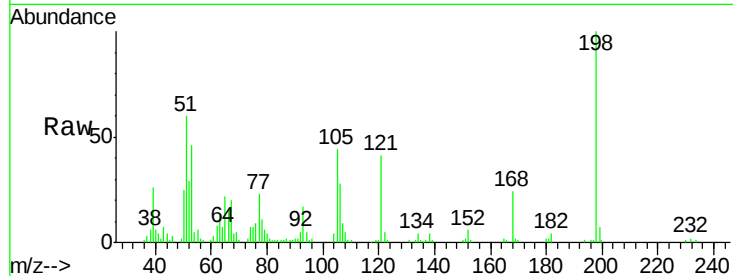




#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.412 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

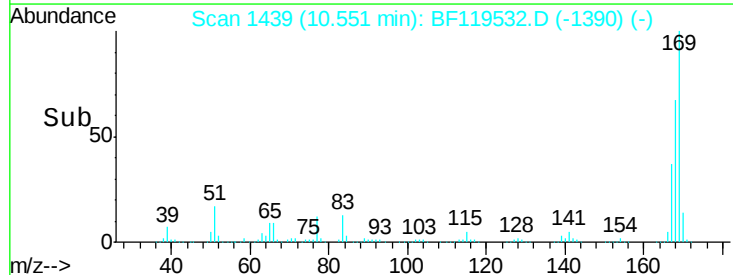
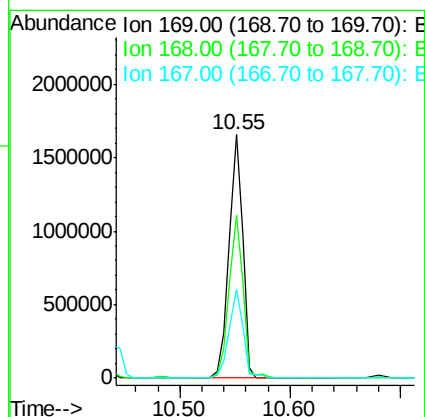
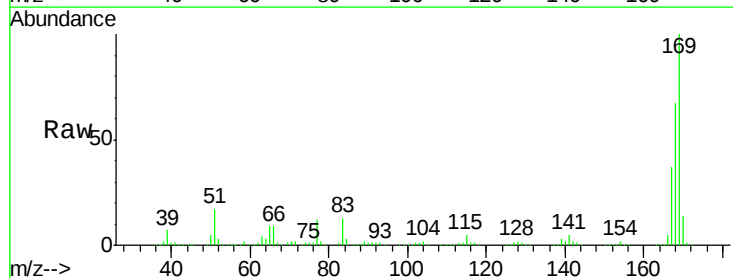
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

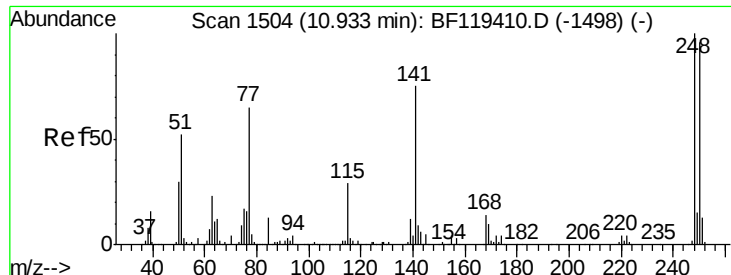
Tot Ion:198 Resp: 53691
 Ion Ratio Lower Upper
 198 100
 51 59.7 33.1 73.1
 105 44.3 24.1 64.1



#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

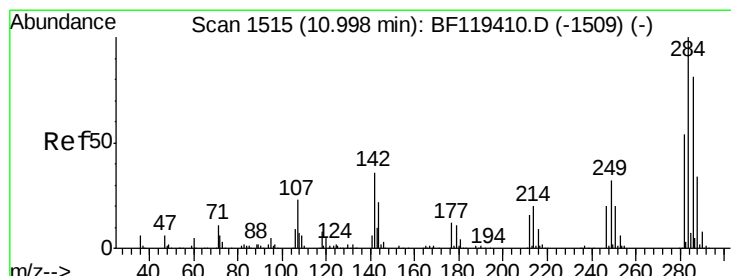
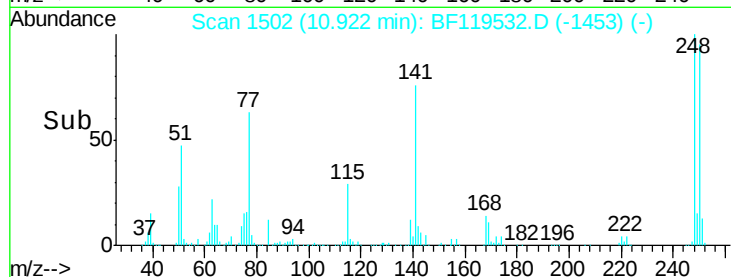
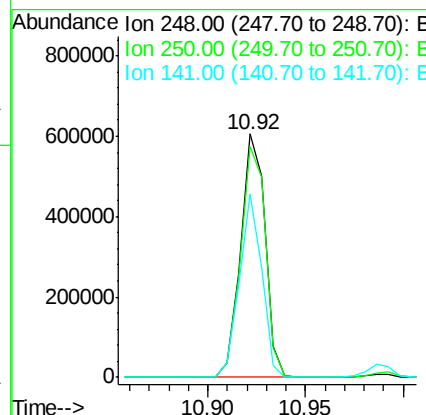
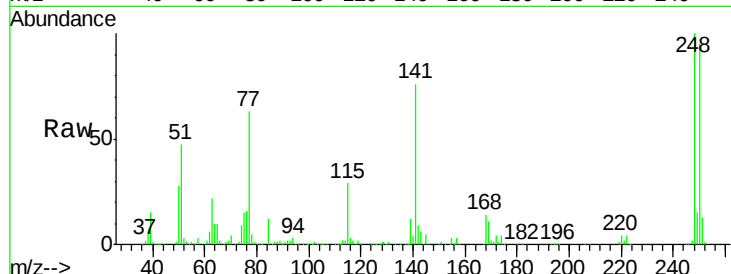




#67
 4-Bromophenyl-phenylether
 Concen: 48.215 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

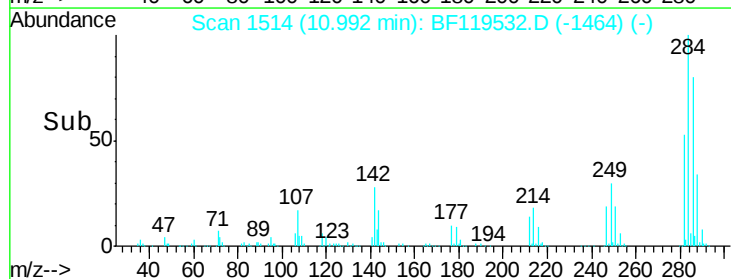
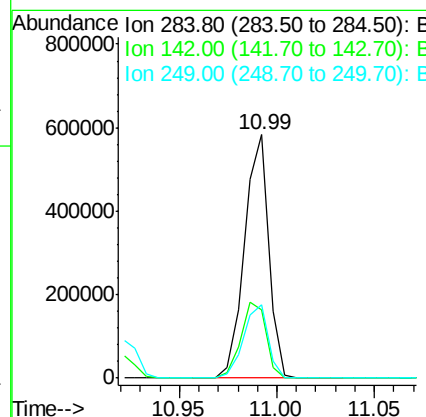
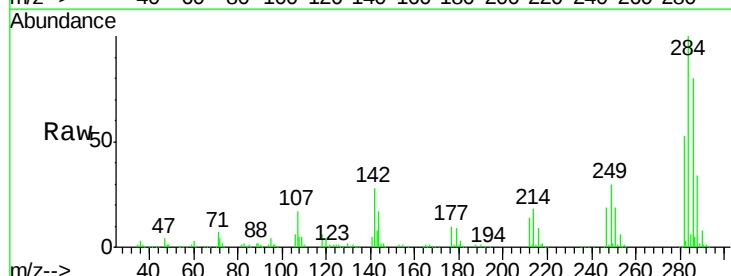
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

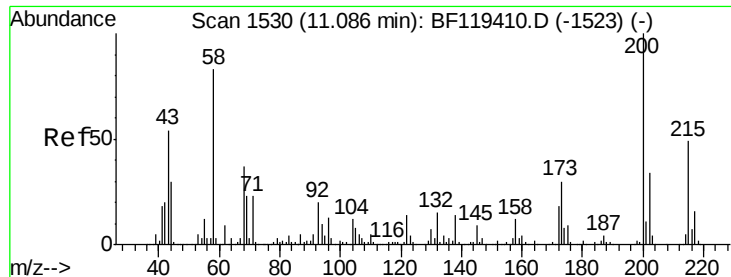
Tot Ion:248 Resp: 524205
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.0 115.6
 141 75.5 59.7 89.5



#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

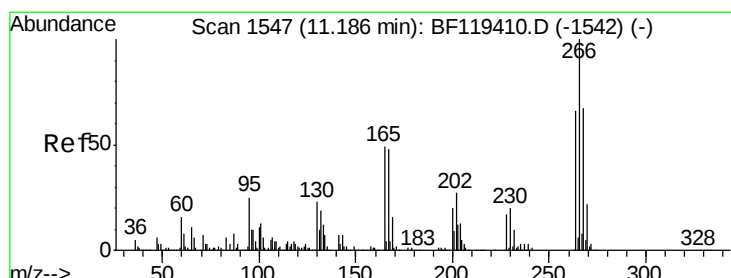
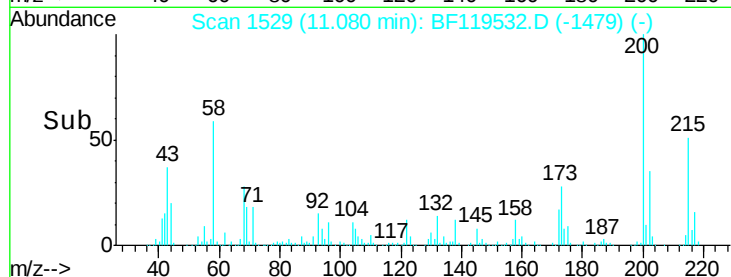
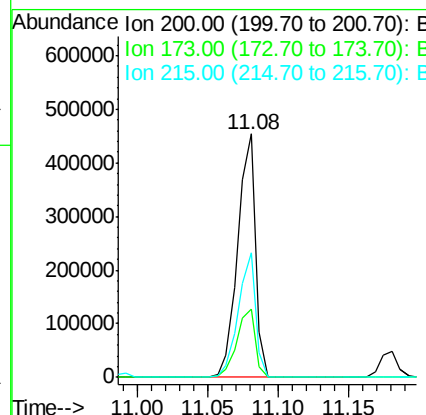
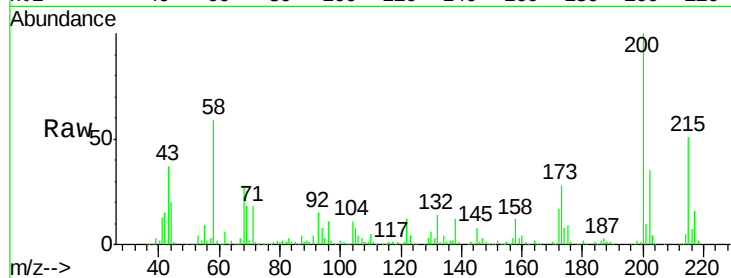




#69
 Atrazine
 Concen: 46.269 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

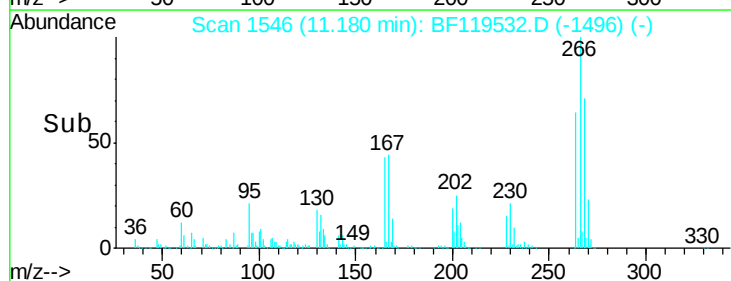
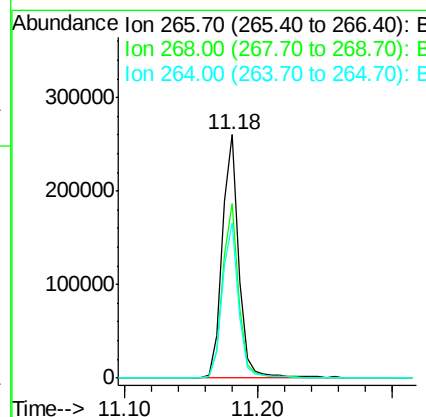
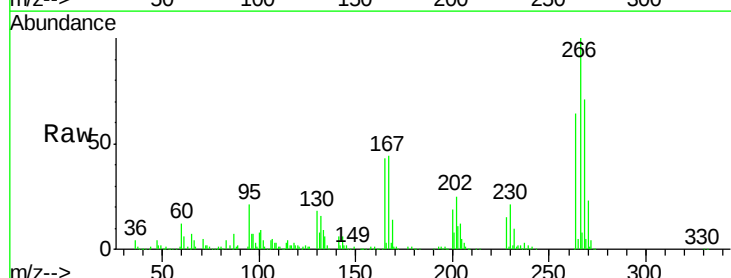
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

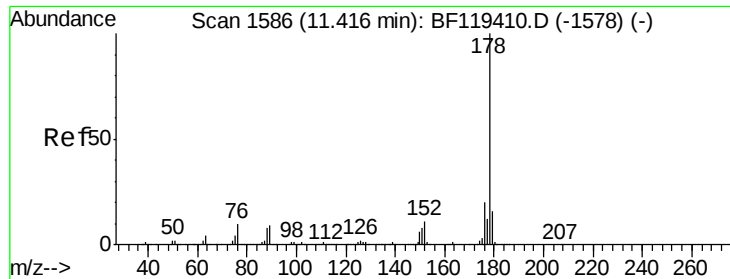
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.9	49.9
215	50.9	29.4	69.4



#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	Ratio	Lower	Upper
266	100		
268	71.4	53.7	80.5
264	63.7	52.5	78.7





#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

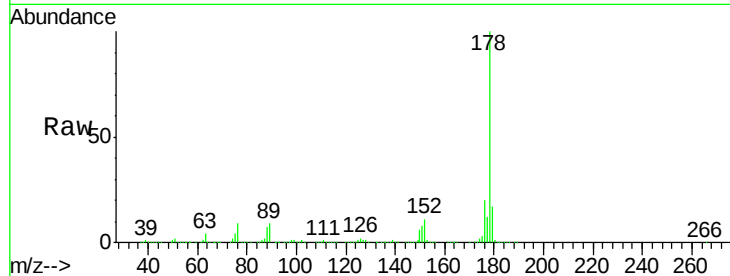
Tot Ion:178 Resp: 2023804

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

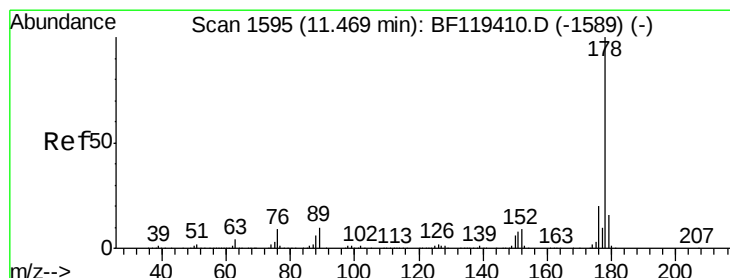
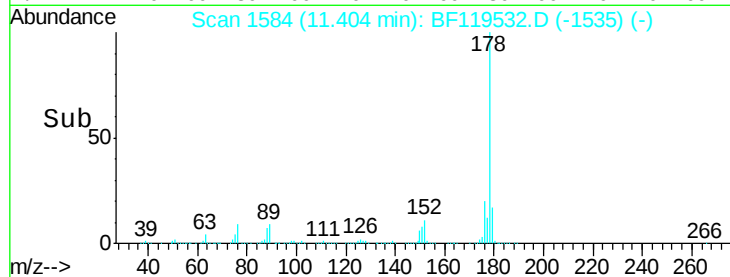
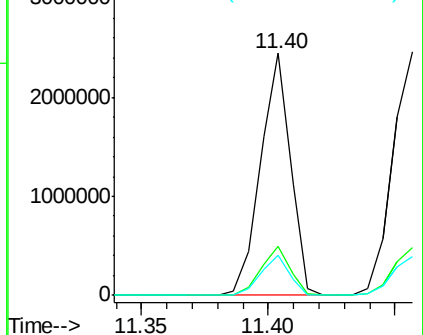
179 16.5 12.9 19.3



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

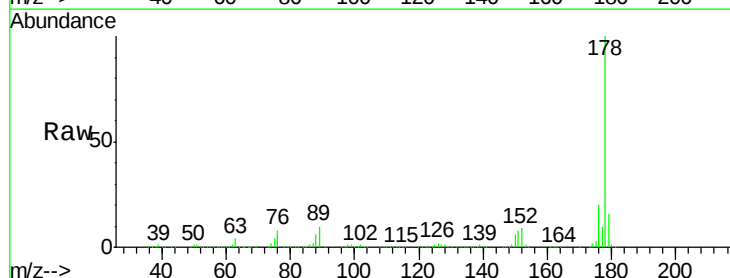
Tgt Ion:178 Resp: 2044686

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

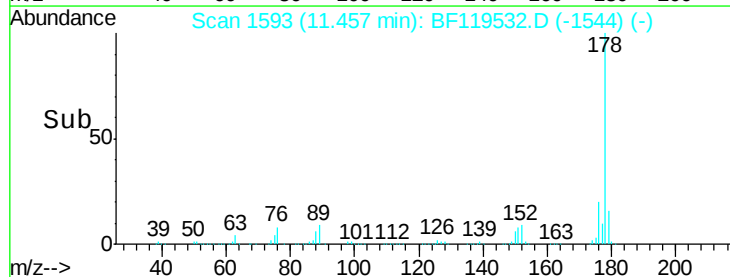
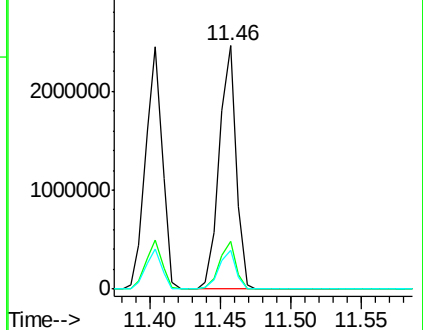
179 15.7 13.1 19.7

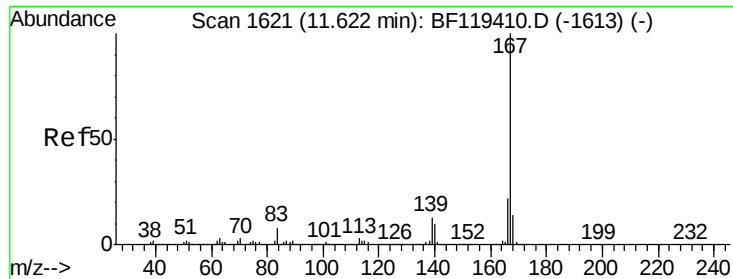


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



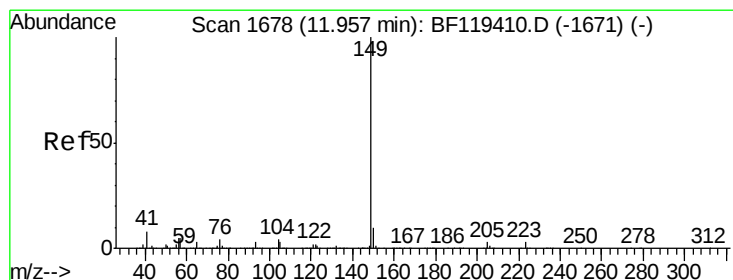
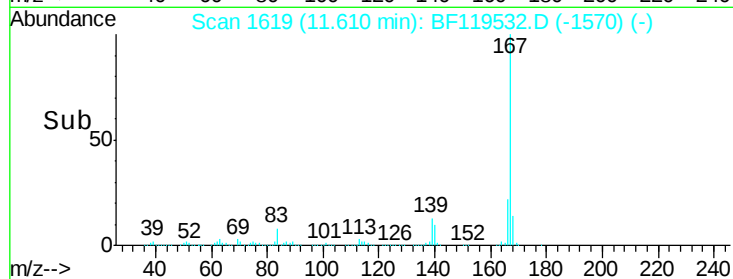
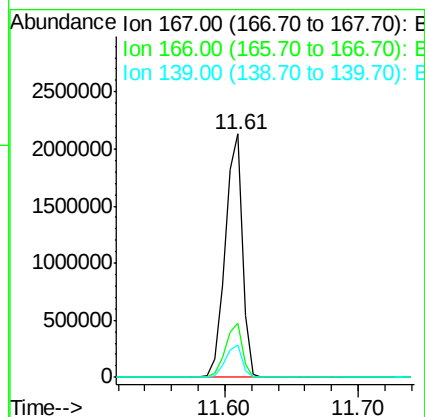
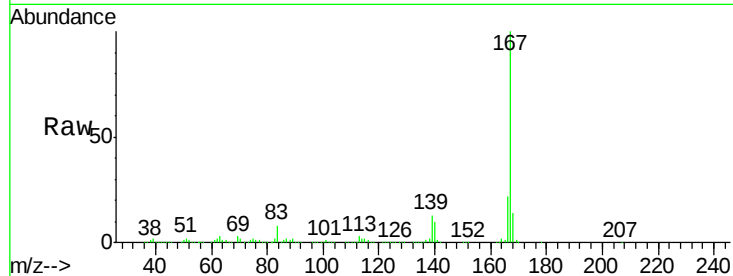


#73
 Carbazole
 Concen: 39.161 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1950088

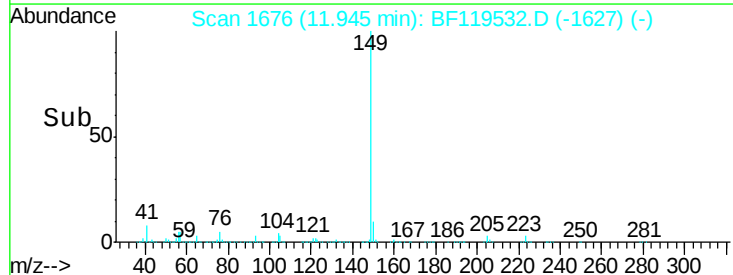
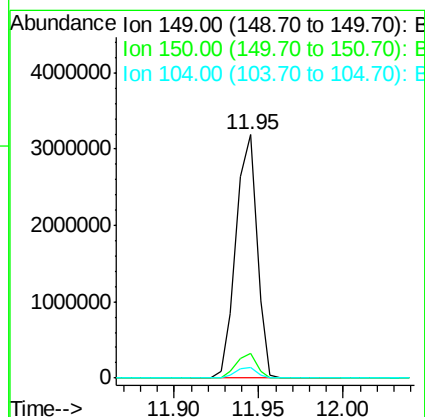
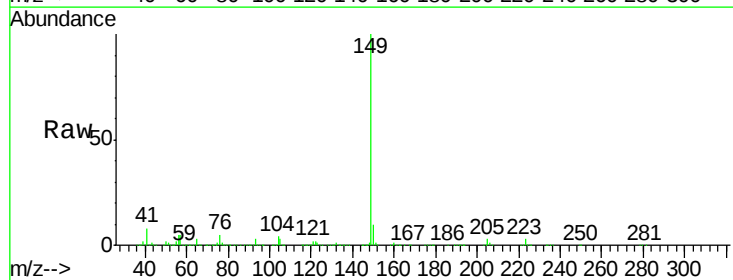
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.1	10.2	15.4

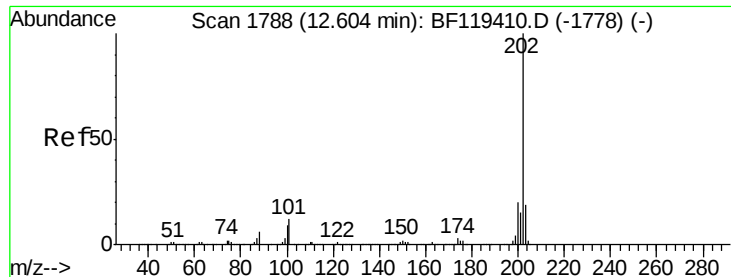


#74
 Di-n-butylphthalate
 Concen: 51.962 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119532.D
 Acq: 26 Mar 2020 7:48

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 :

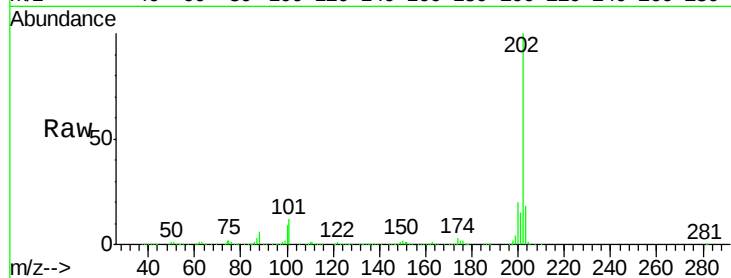
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1963539

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.4
203	18.0	0.0	38.5

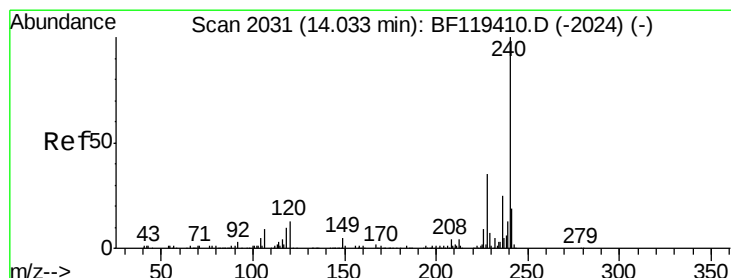
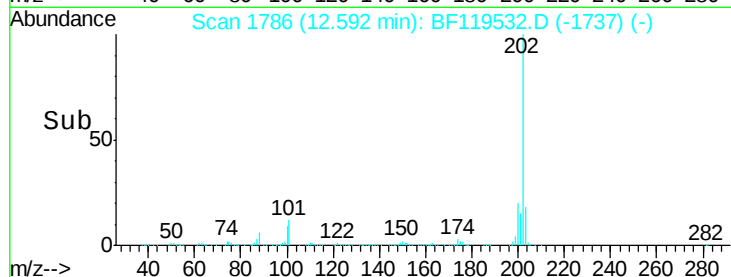
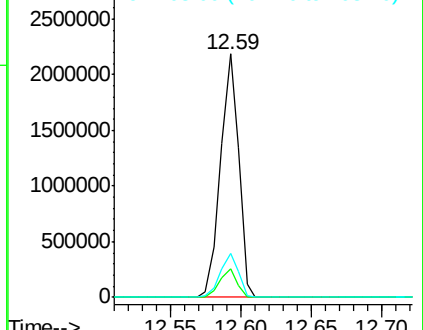


Abundance

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

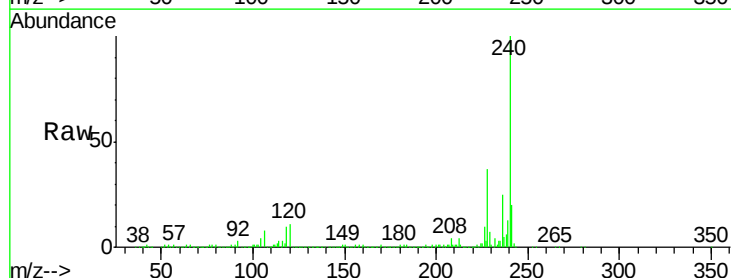
Delta R.T. -0.01 min

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

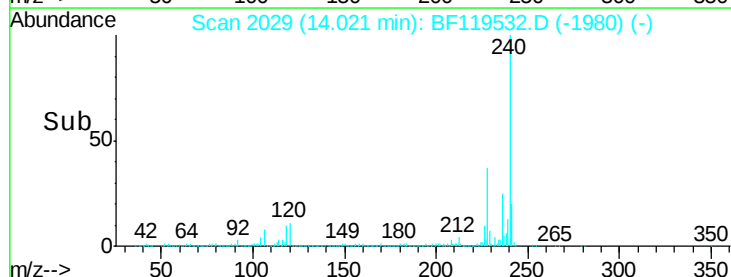
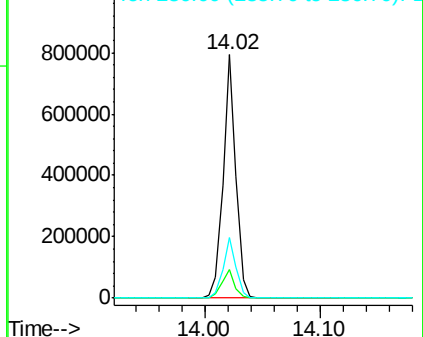


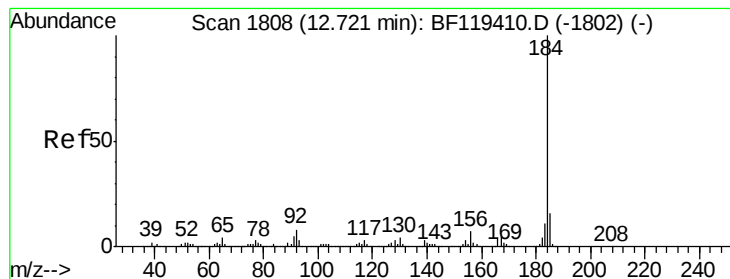
Abundance

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

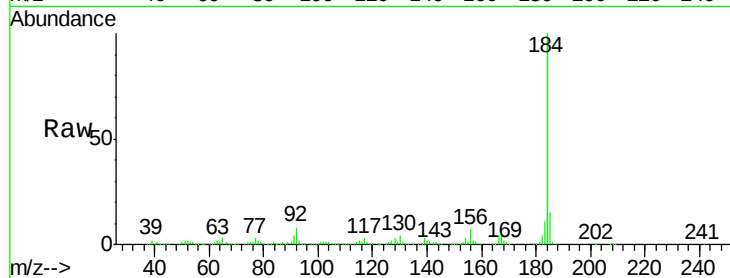
Tot Ion:184 Resp: 880460

Ion Ratio Lower Upper

184 100

185 15.3 12.9 19.3

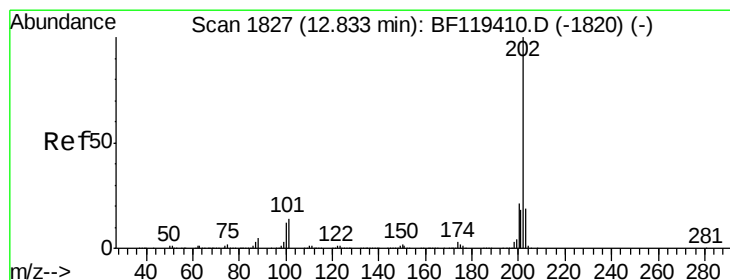
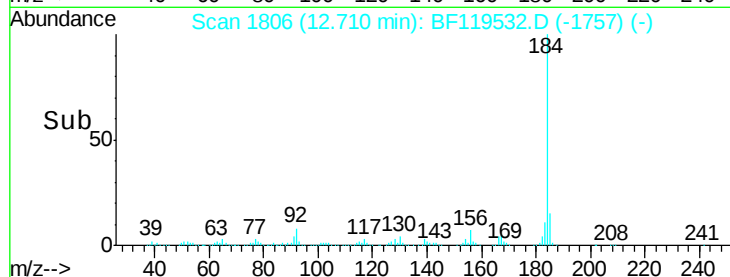
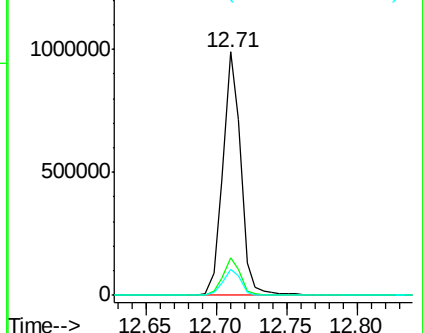
183 10.8 9.0 13.4



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

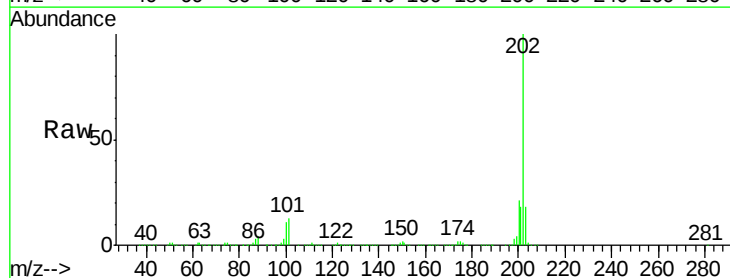
Tgt Ion:202 Resp: 1953566

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

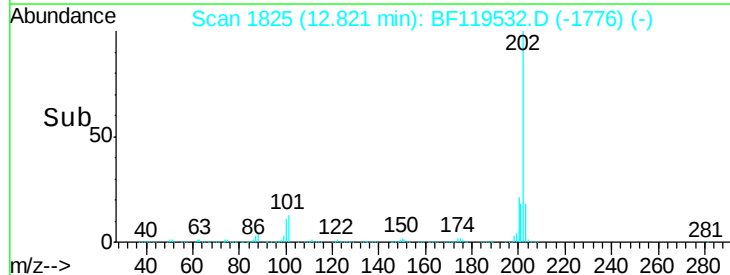
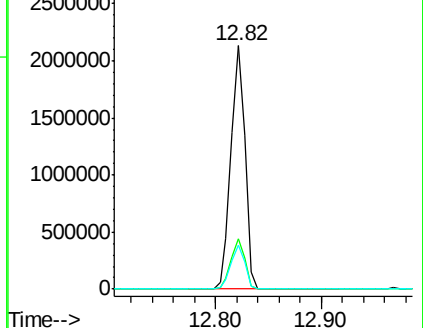
203 18.2 14.8 22.2

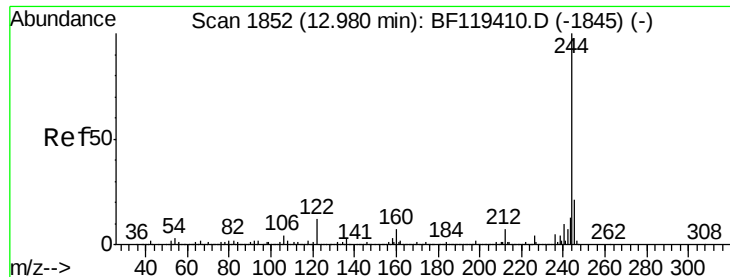


Abundance Ion 202.00 (201.70 to 202.70): E

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

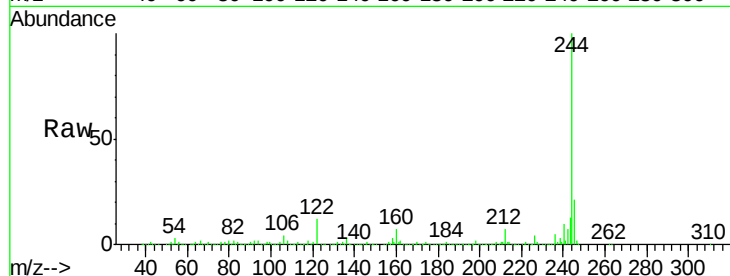
Tot Ion:244 Resp: 2734968

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

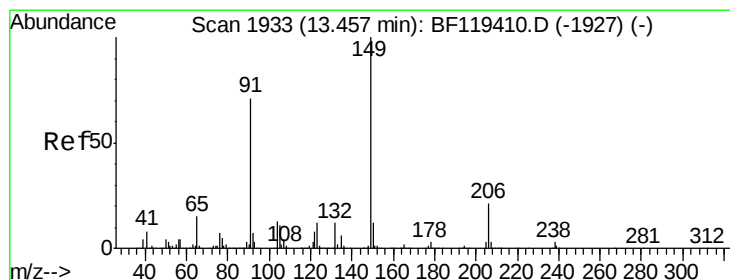
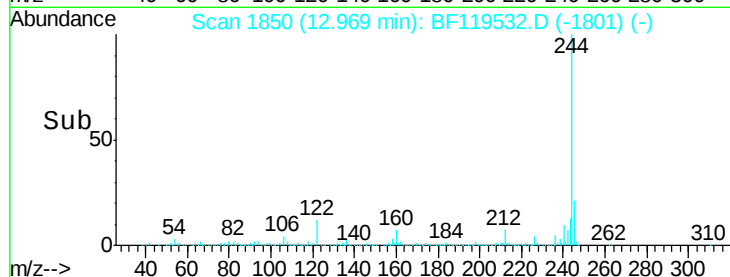
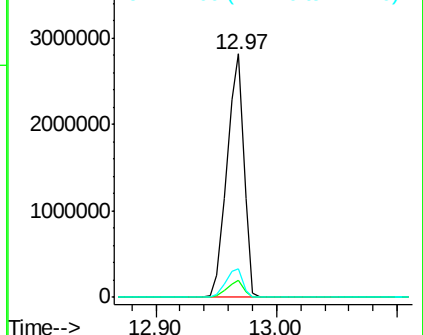
122 11.9 9.8 14.8



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

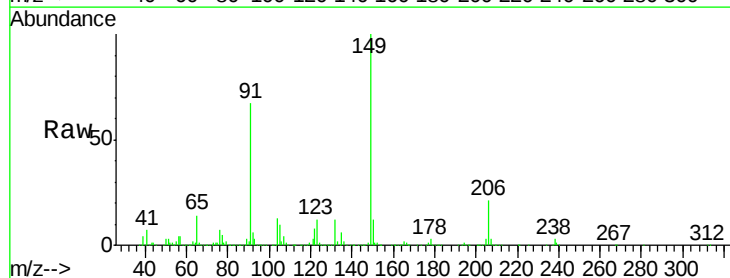
Tgt Ion:149 Resp: 1017462

Ion Ratio Lower Upper

149 100

91 67.0 57.0 85.6

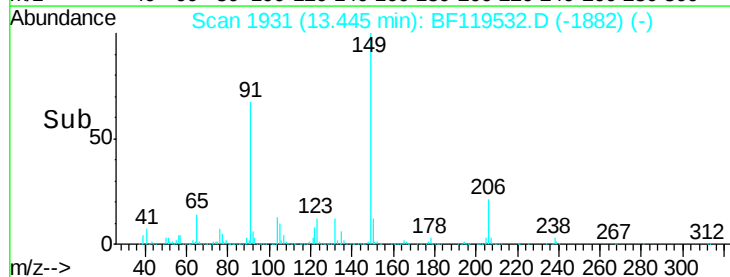
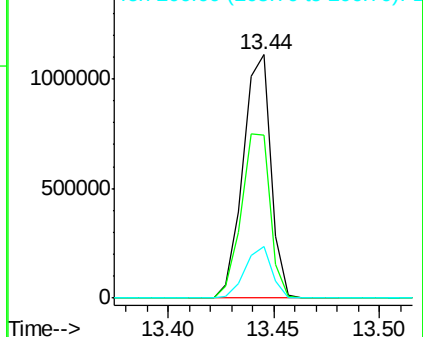
206 21.1 16.4 24.6

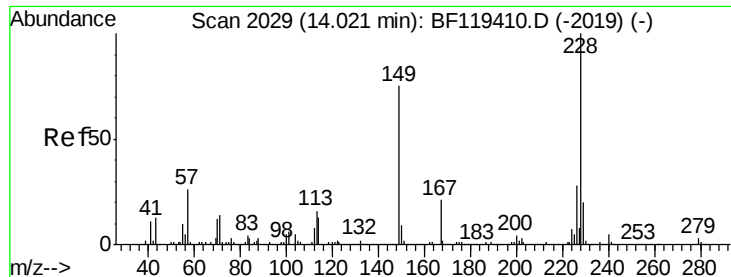


Abundance Ion 149.00 (148.70 to 149.70): E

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

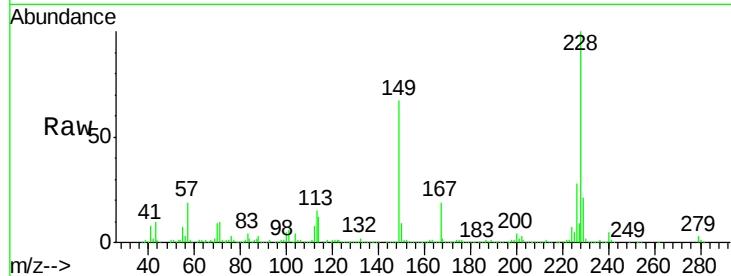
Tot Ion:228 Resp: 1564733

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

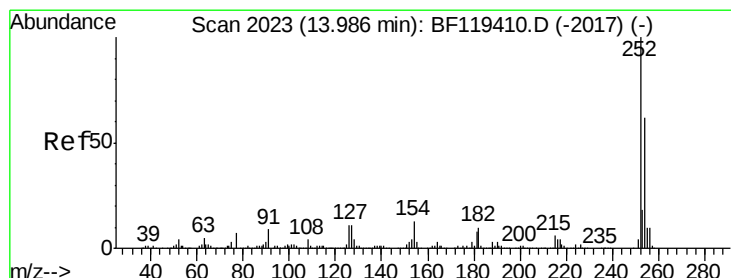
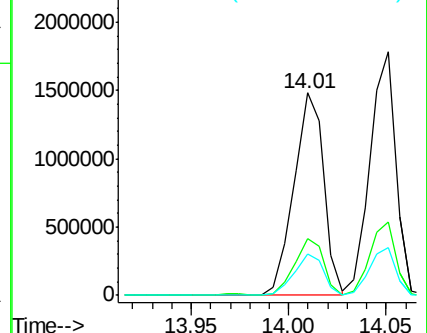
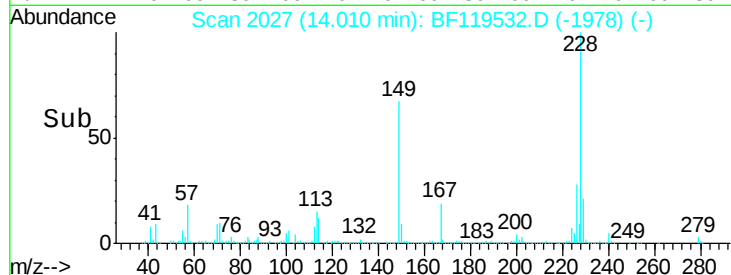
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 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

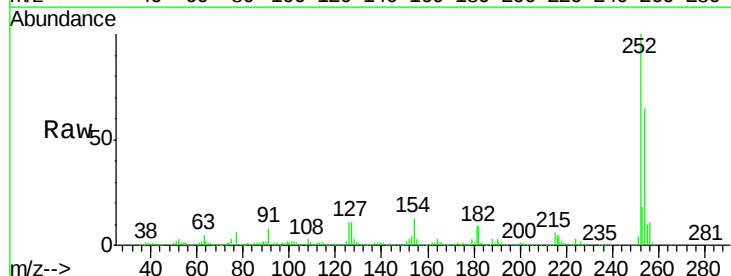
Tgt Ion:252 Resp: 658106

Ion Ratio Lower Upper

252 100

254 64.6 49.8 74.8

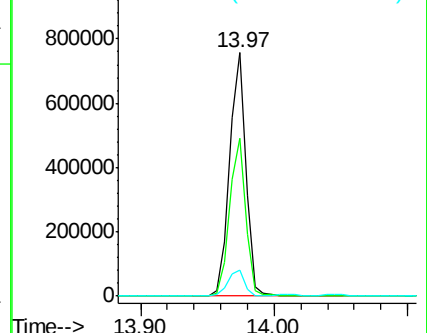
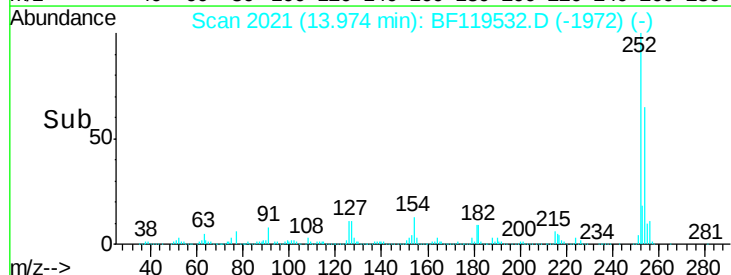
126 10.7 8.9 13.3

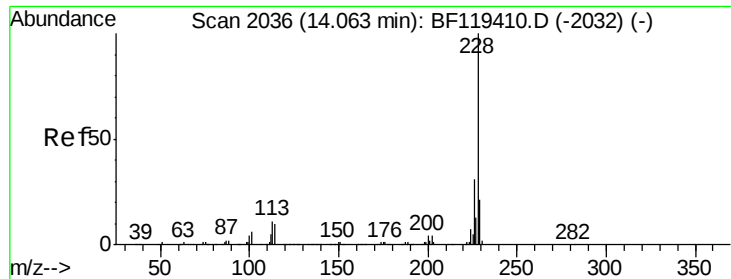


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

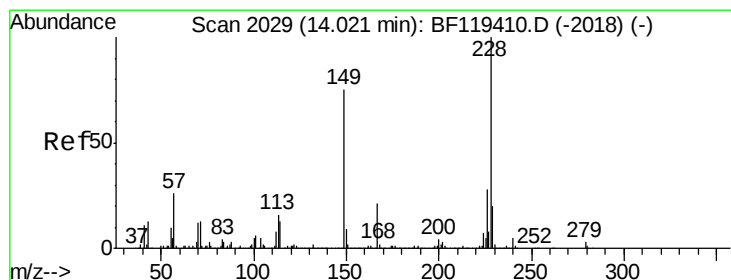
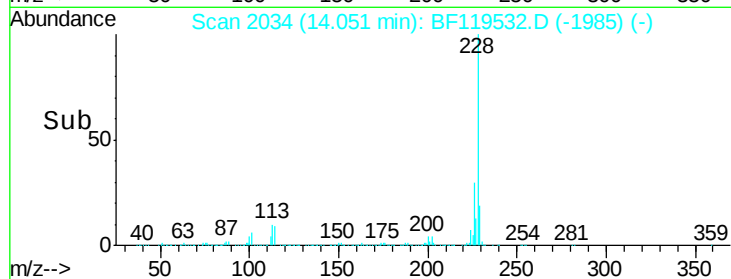
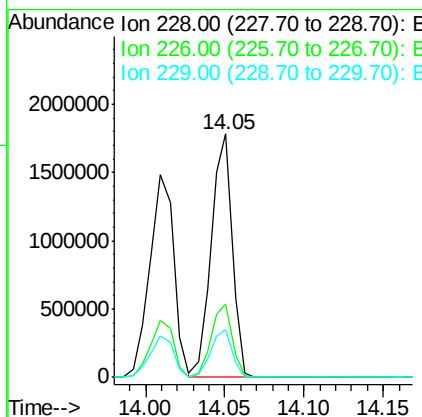
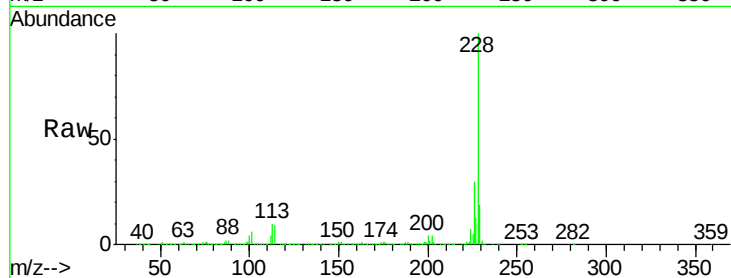




#83
Chrysene
Concen: 40.597 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

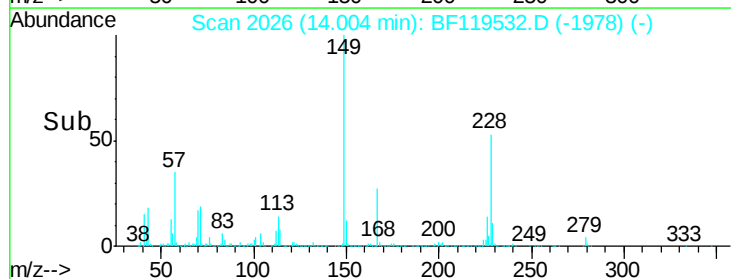
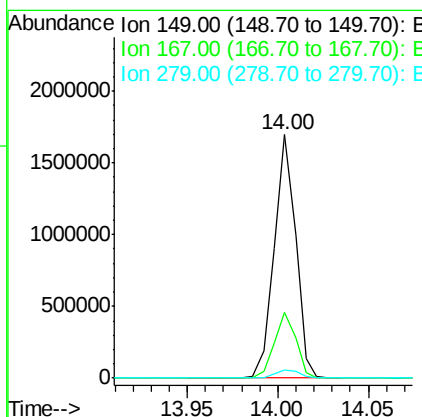
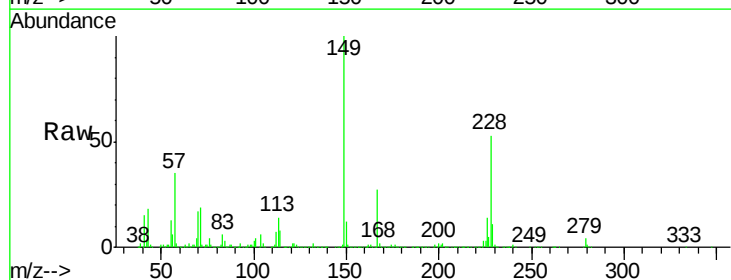
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

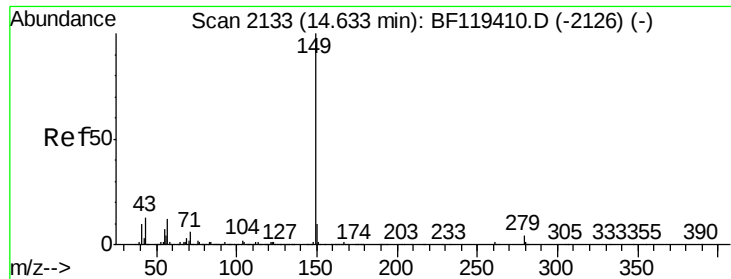
Tot Ion:228 Resp: 1643295
Ion Ratio Lower Upper
228 100
226 30.3 24.8 37.2
229 19.4 16.6 25.0



#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





#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

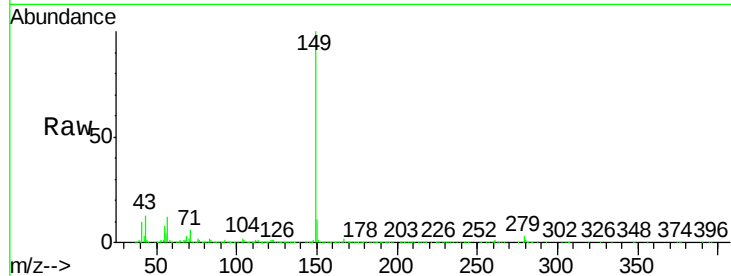
Tot Ion:149 Resp: 2444579

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

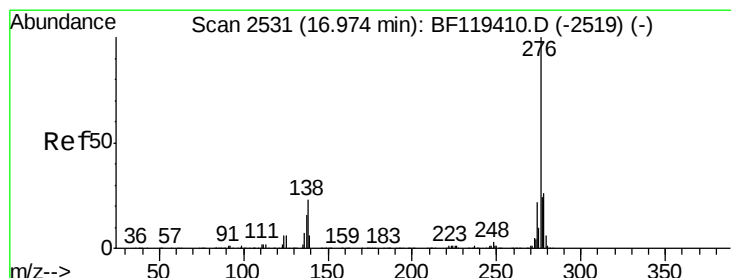
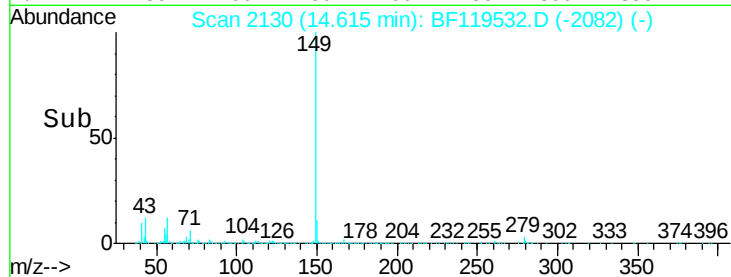
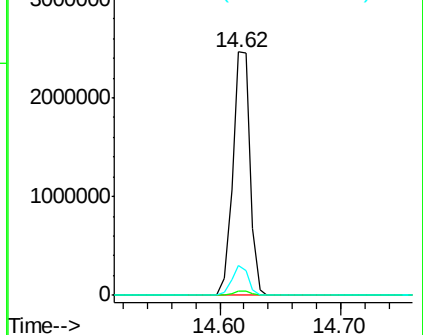
43 11.7 10.1 15.1



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

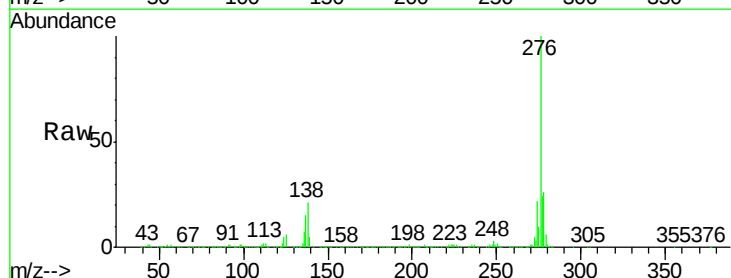
Tgt Ion:276 Resp: 1708486

Ion Ratio Lower Upper

276 100

138 23.6 21.3 31.9

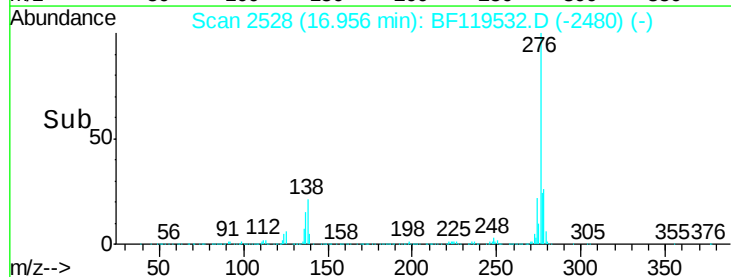
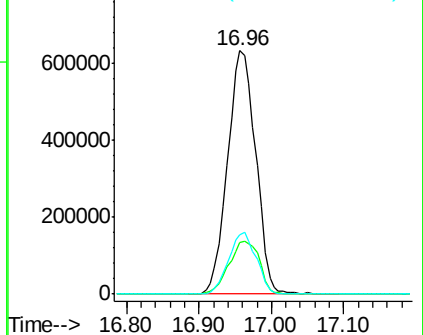
277 25.2 20.2 30.2

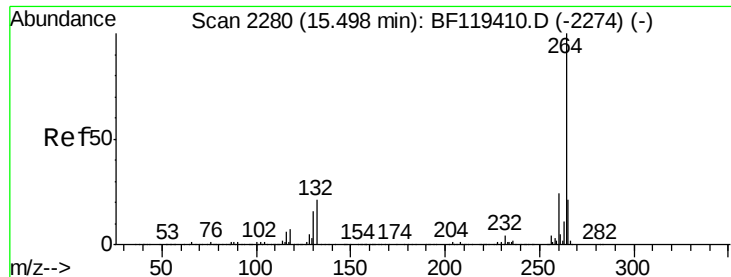


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



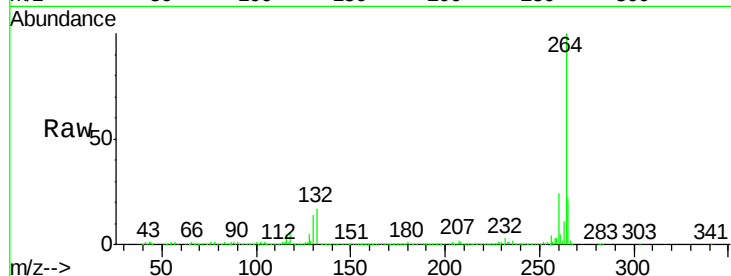


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

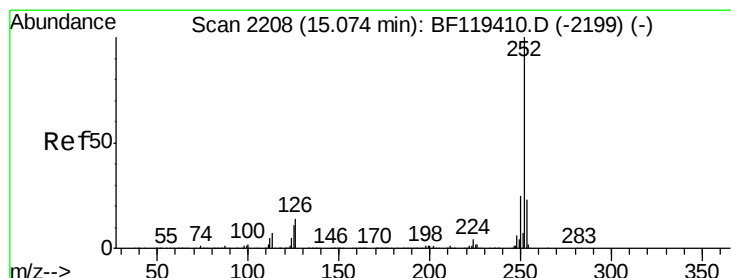
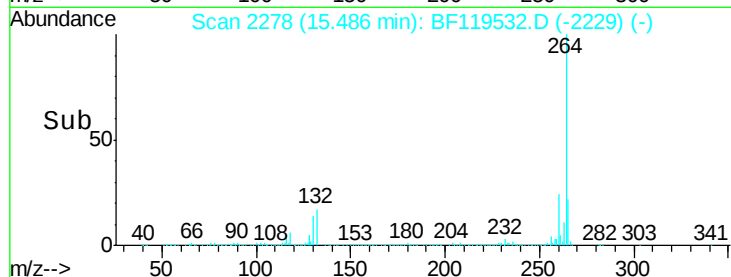
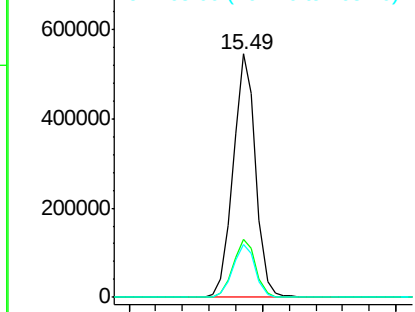
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 637107

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3



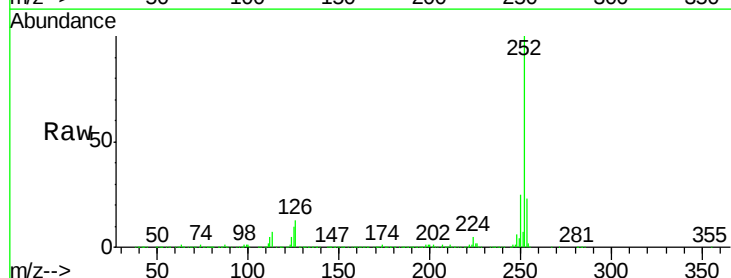
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



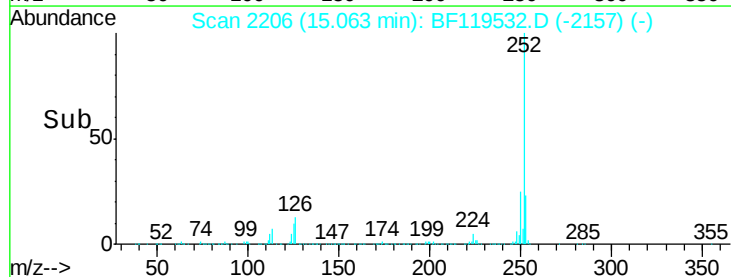
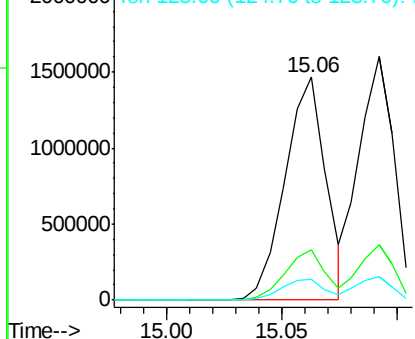
#88
Benzo(b)fluoranthene
Concen: 42.321 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

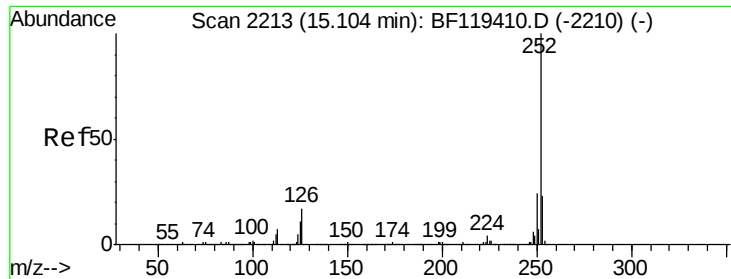
Tgt Ion:252 Resp: 1801103

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

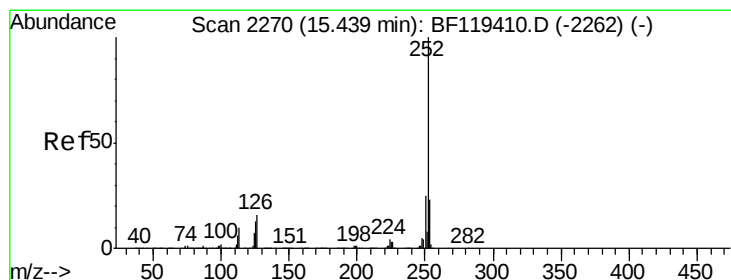
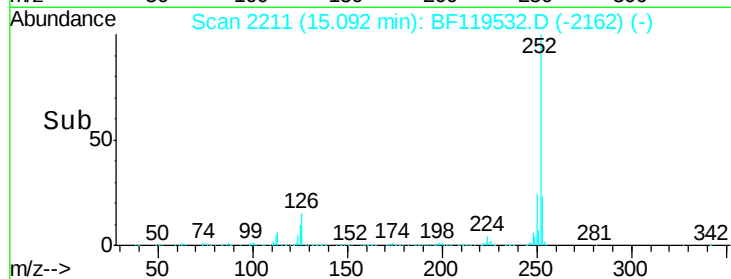
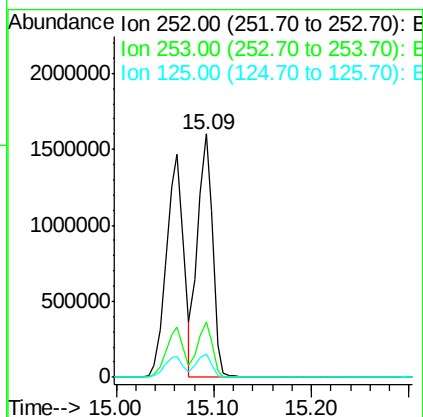
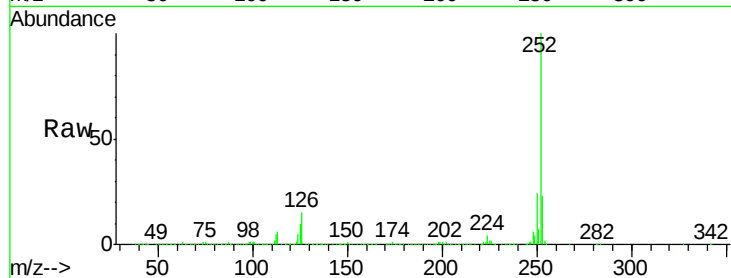




#89
Benzo(k)fluoranthene
Concen: 42.093 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119532.D
Acq: 26 Mar 2020 7:48

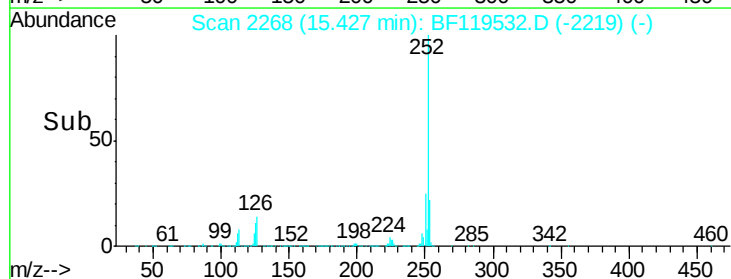
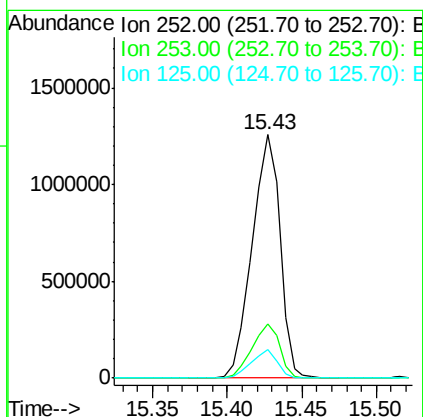
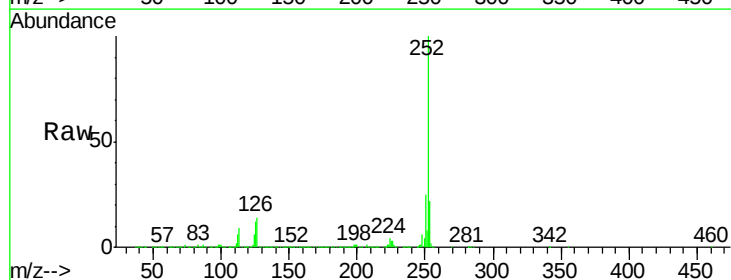
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

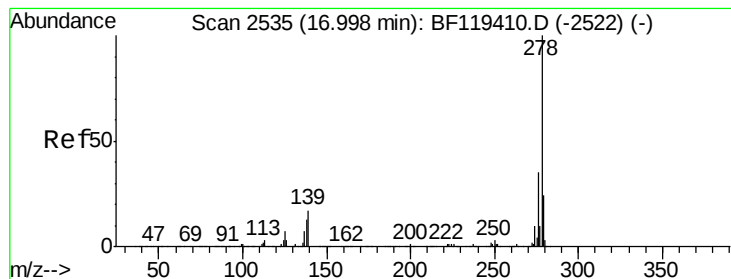
Tot Ion:252 Resp: 1705797
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.8 9.0 13.4



#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

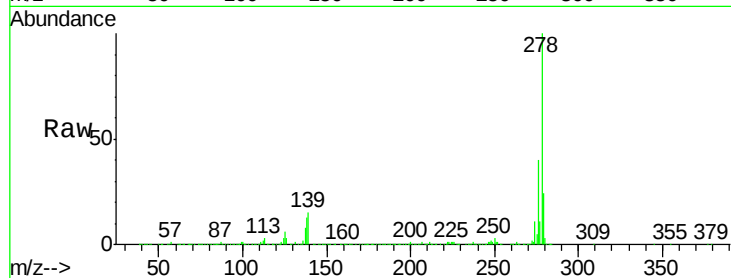
Tot Ion:278 Resp: 1418578

Ion Ratio Lower Upper

278 100

139 15.0 13.7 20.5

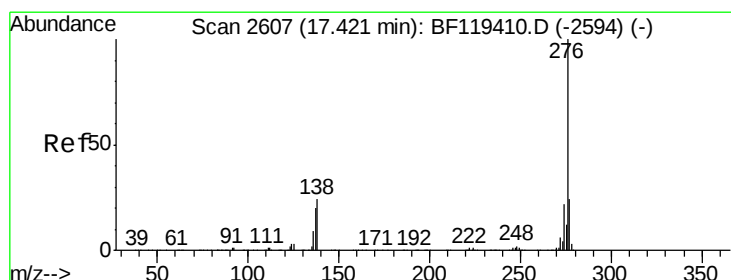
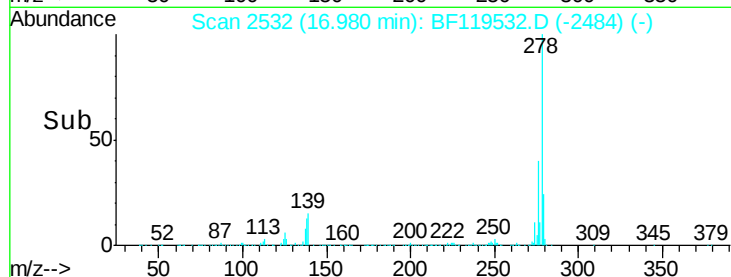
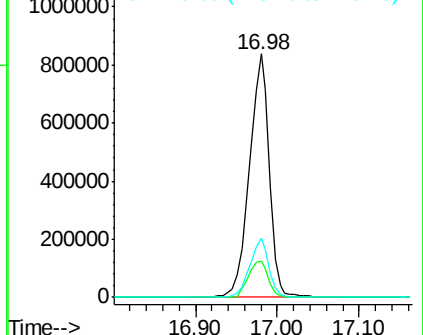
279 24.3 19.2 28.8



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

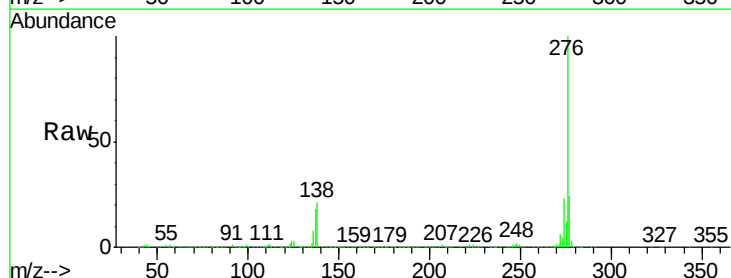
Tgt Ion:276 Resp: 1307115

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

