

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119688.D
 Acq On : 2 Apr 2020 1:16
 Operator : MA/SJ
 Sample : PB127937BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Quant Time: Apr 02 02:44:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	221628	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	892093	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	468227	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	904528	20.00	ng	0.00
76) Chrysene-d12	13.99	240	645385	20.00	ng	-0.01
87) Perylene-d12	15.44	264	694473	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1153553	82.86	ng	0.01
7) Phenol-d6	6.44	99	1479577	83.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	1301042	79.26	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	460123	95.25	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2510581	79.43	ng	0.00
79) Terphenyl-d14	12.93	244	2861252	86.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	215070	31.28	ng	97
3) Pyridine	3.33	79	605677	31.97	ng	92
4) n-Nitrosodimethylamine	3.29	42	334724	36.23	ng	95
6) Aniline	6.47	93	934306	38.06	ng	96
8) 2-Chlorophenol	6.59	128	685993	46.91	ng	98
9) Benzaldehyde	6.36	77	382117	33.87	ng	99
10) Phenol	6.46	94	908915	47.90	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	660633	43.53	ng	98
12) 1,3-Dichlorobenzene	6.75	146	683158	43.17	ng	98
13) 1,4-Dichlorobenzene	6.83	146	693004	43.78	ng	98
14) 1,2-Dichlorobenzene	6.99	146	648321	43.82	ng	97
15) Benzyl Alcohol	6.95	79	571068	42.69	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1182945	38.64	ng	98
17) 2-Methylphenol	7.07	107	564646	42.15	ng	97
18) Hexachloroethane	7.33	117	260563	44.92	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	474754	44.29	ng	97
20) 3+4-Methylphenols	7.22	107	686278	41.80	ng	# 80
22) Acetophenone	7.22	105	894809	41.98	ng	# 89
24) Nitrobenzene	7.40	77	722348	41.18	ng	95
25) Isophorone	7.64	82	1359059	40.82	ng	99
26) 2-Nitrophenol	7.71	139	371182	53.74	ng	94
27) 2,4-Dimethylphenol	7.75	122	604353	42.32	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	862050	43.78	ng	100
29) 2,4-Dichlorophenol	7.95	162	581149	44.29	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	610127	42.04	ng	98
31) Naphthalene	8.12	128	1956142	42.61	ng	99
32) Benzoic acid	7.87	122	444700	48.41	ng	92
33) 4-Chloroaniline	8.17	127	672990	31.99	ng	97
34) Hexachlorobutadiene	8.24	225	346905	42.72	ng	98
35) Caprolactam	8.54	113	107994	25.15	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	642998	44.83	ng	100
37) 2-Methylnaphthalene	8.82	142	1352795	44.90	ng	99
38) 1-Methylnaphthalene	8.91	142	1291185	45.28	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	569946	41.53	ng	98

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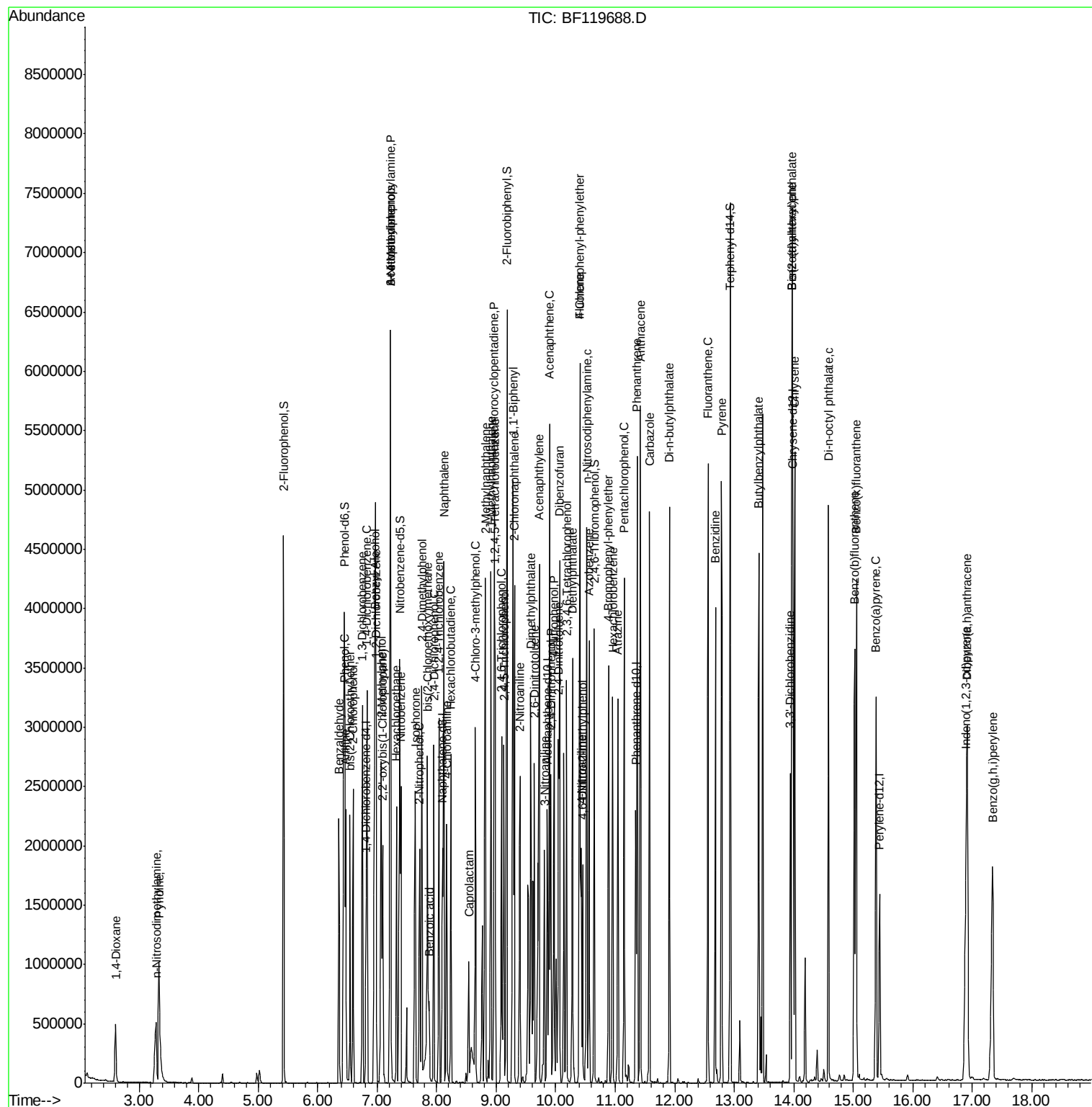
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	704284	90.27	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	441554	44.96	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	473738	43.06	ng	97
46) 1,1'-Biphenyl	9.28	154	1620976	42.51	ng	99
47) 2-Chloronaphthalene	9.30	162	1272798	42.61	ng	99
48) 2-Nitroaniline	9.40	65	471423	45.72	ng	93
49) Acenaphthylene	9.72	152	2028142	43.24	ng	97
50) Dimethylphthalate	9.58	163	1521823	45.76	ng	99
51) 2,6-Dinitrotoluene	9.64	165	350834	49.21	ng	93
52) Acenaphthene	9.89	154	1400064	47.88	ng	99
53) 3-Nitroaniline	9.81	138	309040	34.34	ng	93
54) 2,4-Dinitrophenol	9.92	184	342365	108.17	ng	92
55) Dibenzofuran	10.06	168	1825031	43.53	ng	100
56) 4-Nitrophenol	9.97	139	598782	84.34	ng	95
57) 2,4-Dinitrotoluene	10.05	165	463509	51.61	ng	95
58) Fluorene	10.41	166	1396975	45.06	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	389543	47.37	ng	99
60) Diethylphthalate	10.28	149	1564053	46.34	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	670250	44.21	ng	99
62) 4-Nitroaniline	10.43	138	387912	44.95	ng	95
63) Azobenzene	10.56	77	1492915	43.92	ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	240131	63.31	ng	87
66) n-Nitrosodiphenylamine	10.52	169	1309295	44.09	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	453190	43.99	ng	# 90
68) Hexachlorobenzene	10.96	284	485100	46.01	ng	# 92
69) Atrazine	11.05	200	407226	50.02	ng	98
70) Pentachlorophenol	11.15	266	526246	85.12	ng	98
71) Phenanthrene	11.37	178	2055603	43.83	ng	99
72) Anthracene	11.42	178	2114347	44.36	ng	99
73) Carbazole	11.57	167	1962453	41.59	ng	99
74) Di-n-butylphthalate	11.91	149	2395450	47.46	ng	100
75) Fluoranthene	12.56	202	2223022	43.80	ng	99
77) Benzidine	12.68	184	1510546	55.31	ng	99
78) Pyrene	12.79	202	2254529	42.57	ng	99
80) Butylbenzylphthalate	13.41	149	1012397	47.26	ng	100
81) Benzo(a)anthracene	13.97	228	1774446	42.28	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	532031	32.15	ng	100
83) Chrysene	14.02	228	1860199	42.95	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1310334	51.31	ng	99
85) Di-n-octyl phthalate	14.58	149	2352099	52.37	ng	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	2058017	50.45	ng	99
88) Benzo(b)fluoranthene	15.02	252	1981113	42.71	ng	98
89) Benzo(k)fluoranthene	15.05	252	1848861	41.85	ng	98
90) Benzo(a)pyrene	15.38	252	1772956	42.05	ng	99
91) Dibenzo(a,h)anthracene	16.92	278	1677005	45.48	ng	99
92) Benzo(g,h,i)perylene	17.34	276	1693341	45.71	ng	98

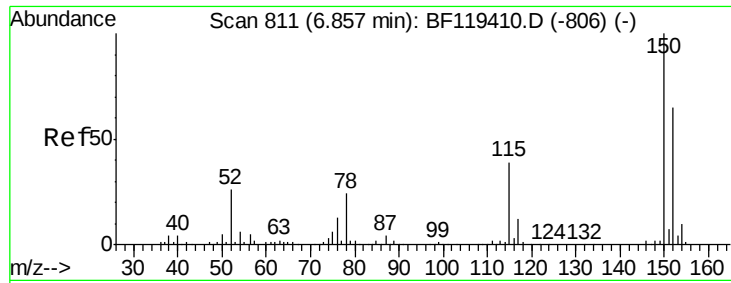
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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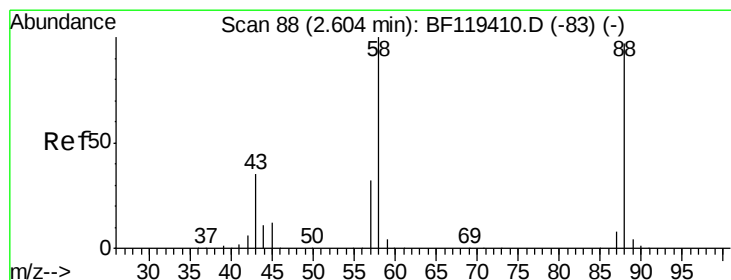
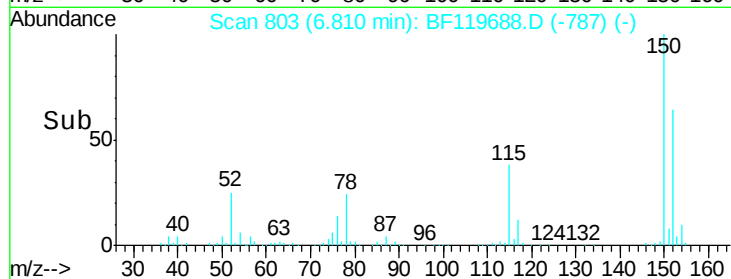
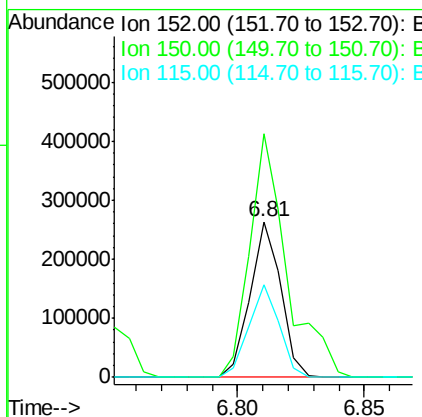
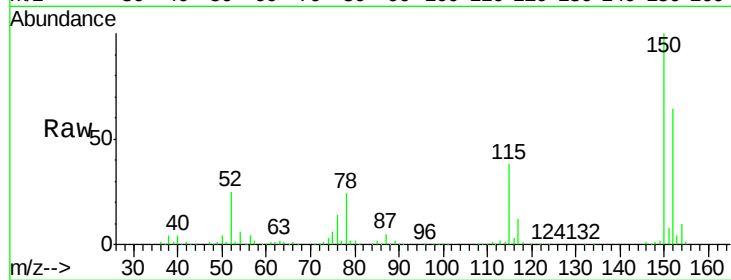




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

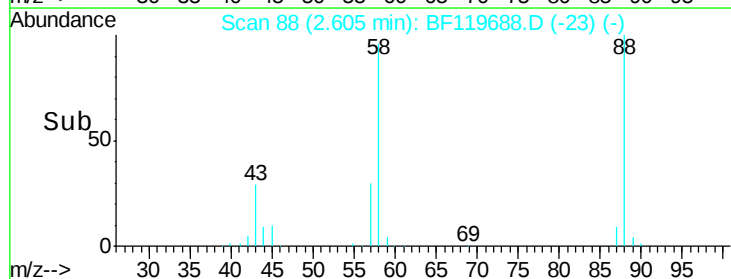
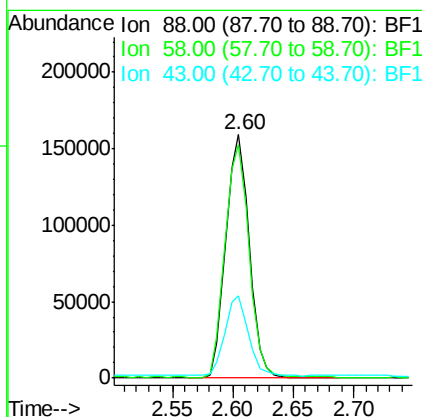
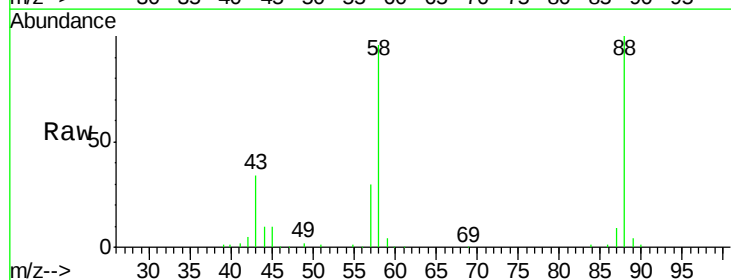
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

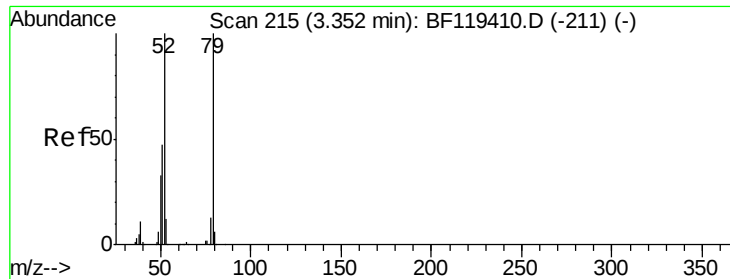
Tgt Ion: 152 Resp: 221628
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.5 186.7
 115 59.8 49.6 74.4



#2
 1,4-Dioxane
 Concen: 31.28 ng
 RT: 2.60 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 88 Resp: 215070
 Ion Ratio Lower Upper
 88 100
 58 98.0 80.6 121.0
 43 33.1 27.5 41.3





#3

Pyridine

Concen: 31.97 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

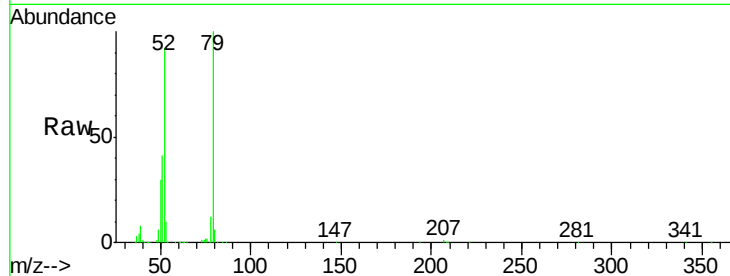
Tgt Ion: 79 Resp: 605677

Ion Ratio Lower Upper

79 100

52 92.2 80.2 120.2

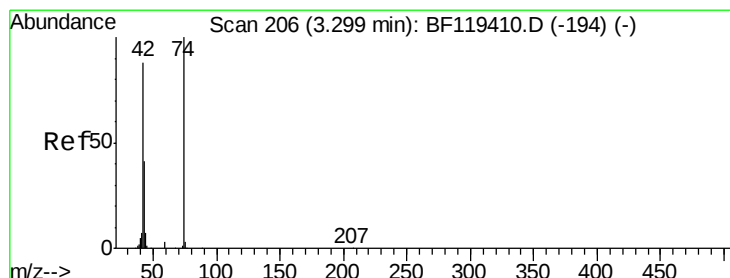
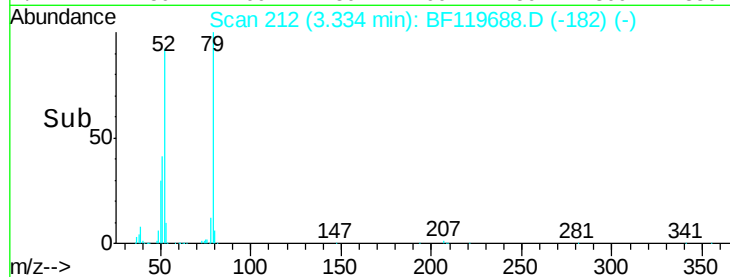
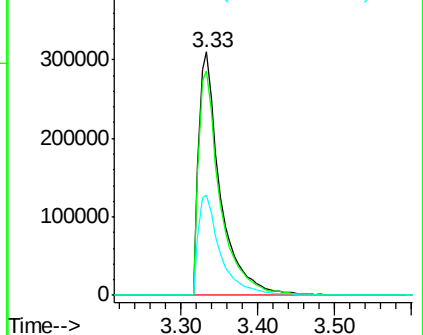
51 41.4 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.23 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

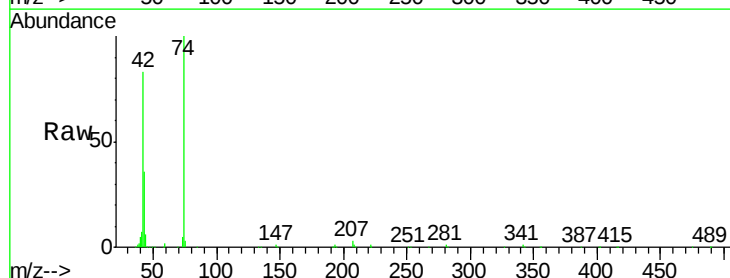
Tgt Ion: 42 Resp: 334724

Ion Ratio Lower Upper

42 100

74 120.5 91.5 137.3

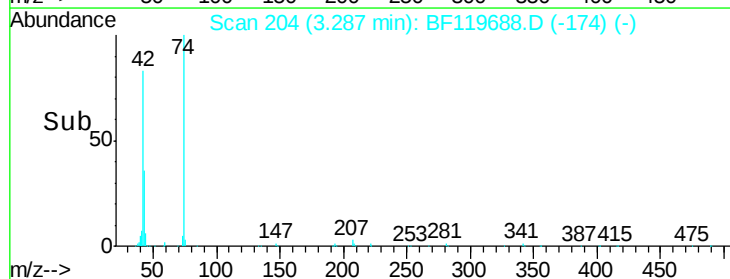
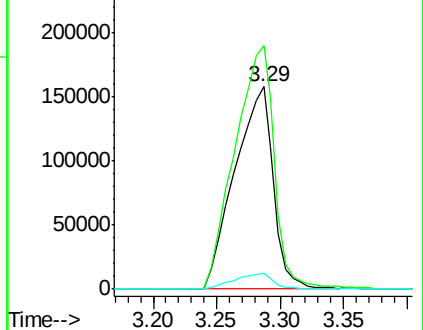
44 7.7 6.2 9.4

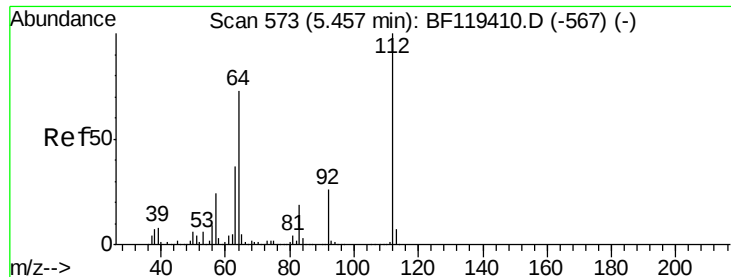


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.86 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

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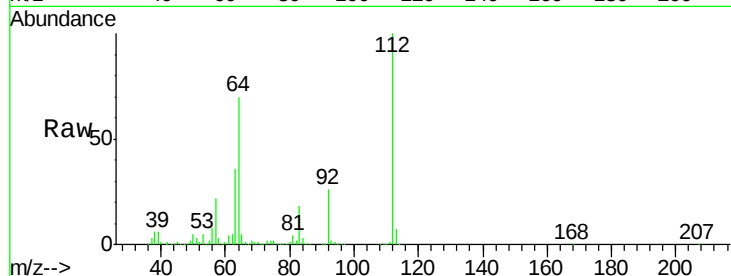
Tgt Ion:112 Resp: 1153553

Ion Ratio Lower Upper

112 100

64 69.7 56.7 85.1

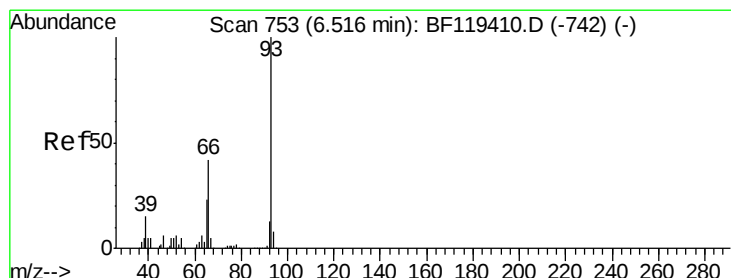
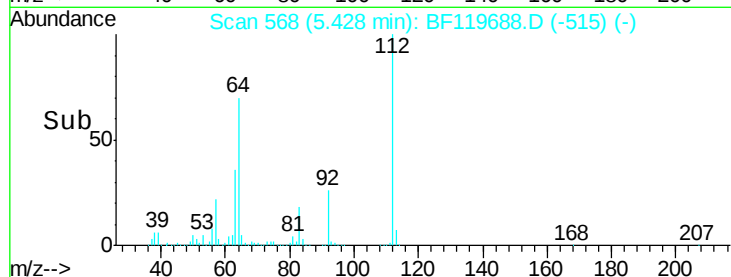
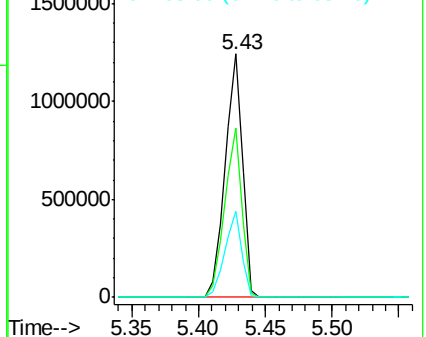
63 35.6 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.06 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

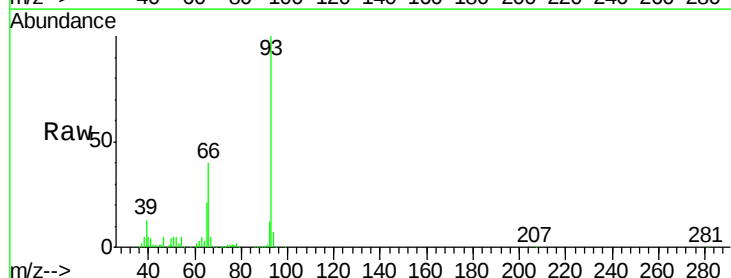
Tgt Ion: 93 Resp: 934306

Ion Ratio Lower Upper

93 100

66 40.4 34.9 52.3

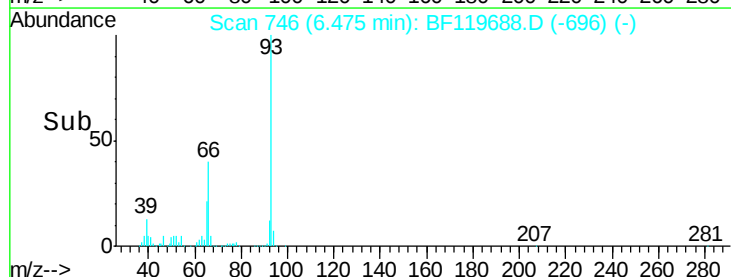
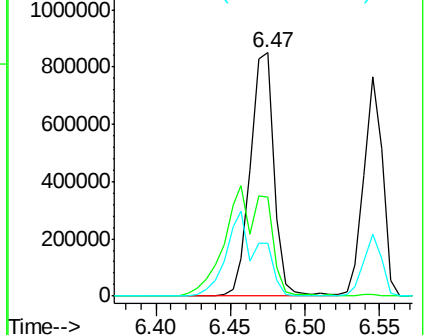
65 21.5 18.6 27.8

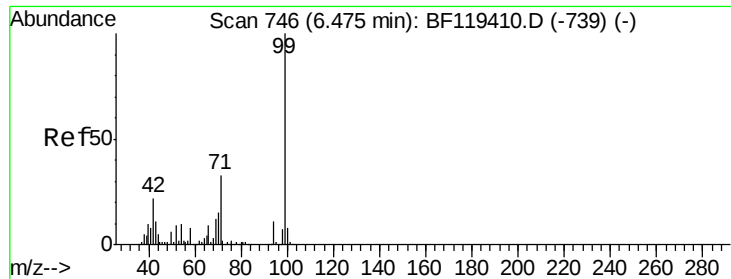


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.19 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119688.D

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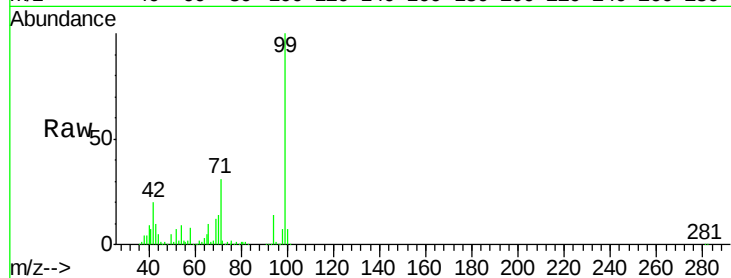
Tgt Ion: 99 Resp: 1479577

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

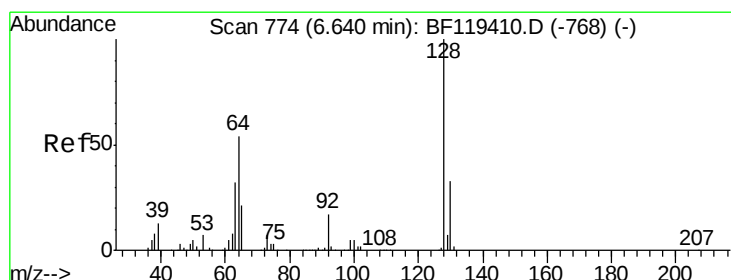
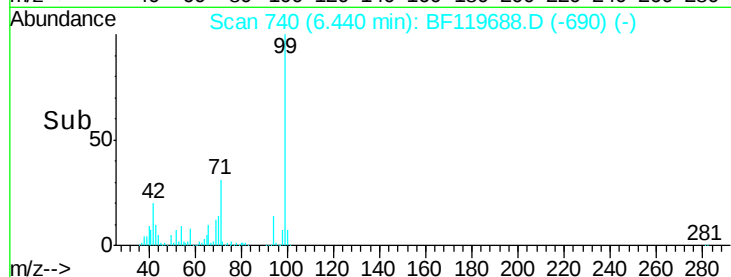
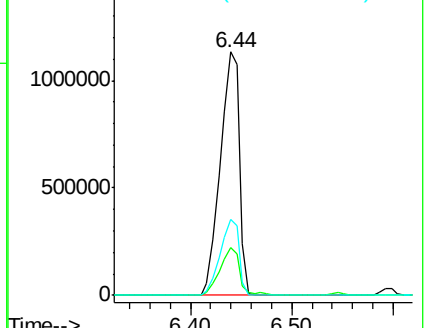
71 31.3 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.91 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

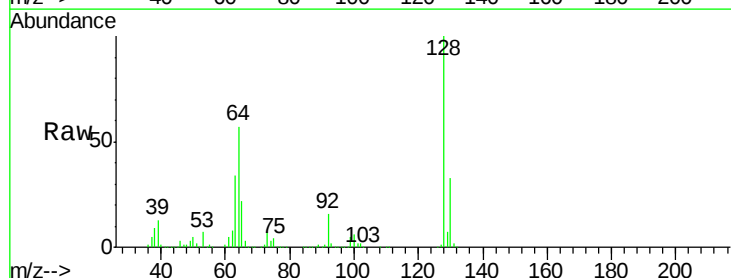
Tgt Ion: 128 Resp: 685993

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

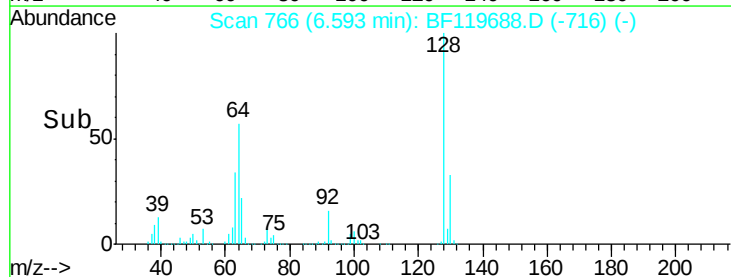
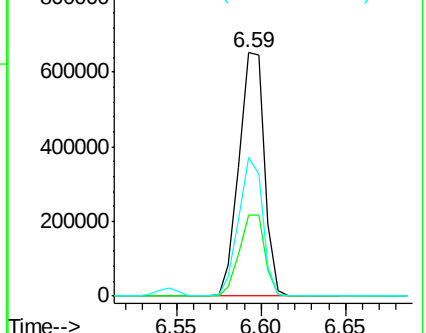
64 57.0 35.3 75.3

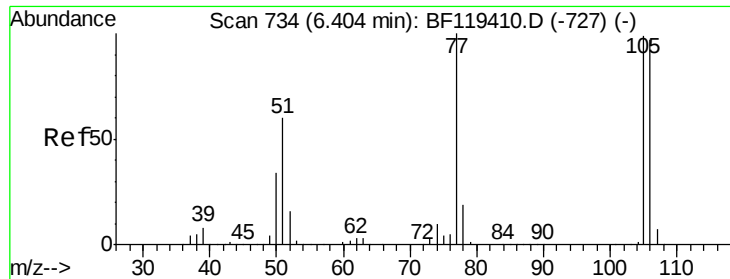


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.87 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

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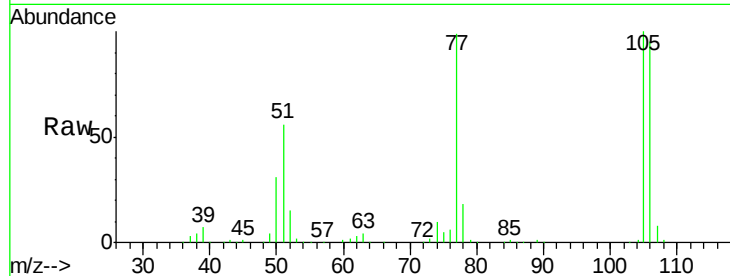
Tgt Ion: 77 Resp: 382117

Ion Ratio Lower Upper

77 100

105 101.2 80.9 120.9

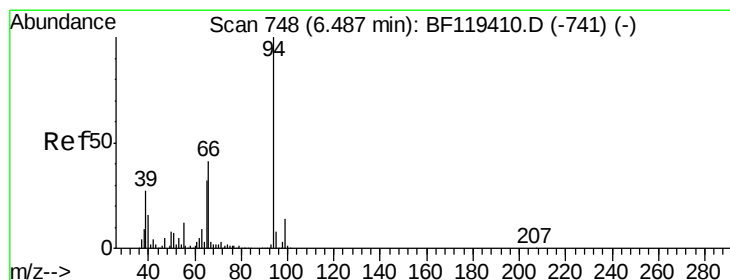
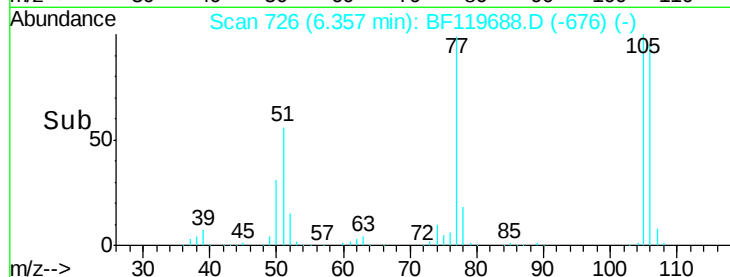
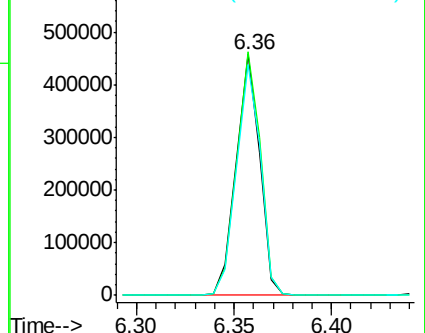
106 95.9 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.90 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

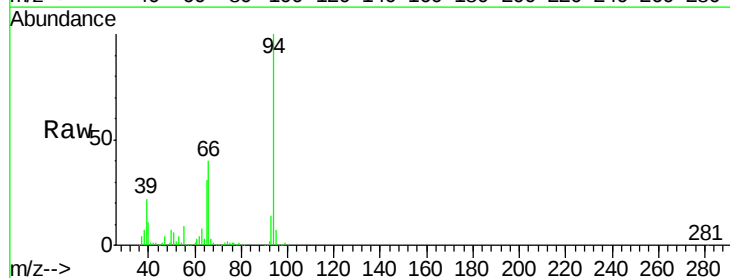
Tgt Ion: 94 Resp: 908915

Ion Ratio Lower Upper

94 100

65 31.2 13.2 53.2

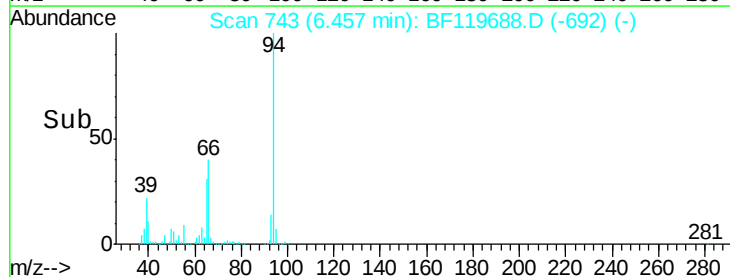
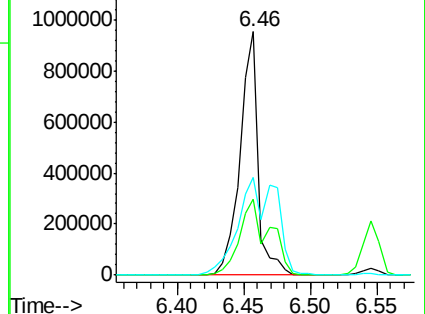
66 40.3 22.3 62.3

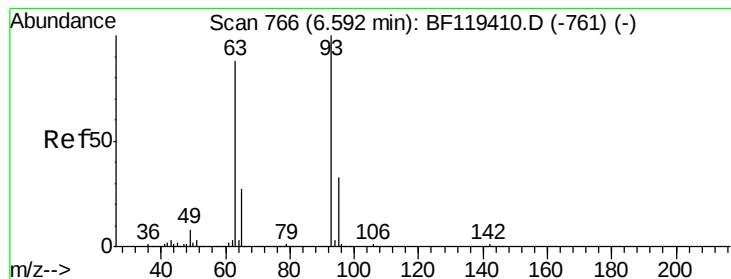


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.53 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

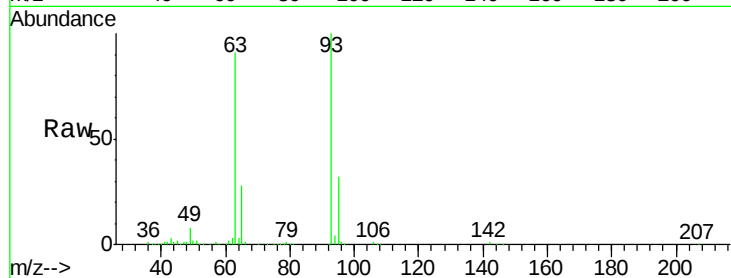
Tgt Ion: 93 Resp: 660633

Ion Ratio Lower Upper

93 100

63 91.5 70.2 110.2

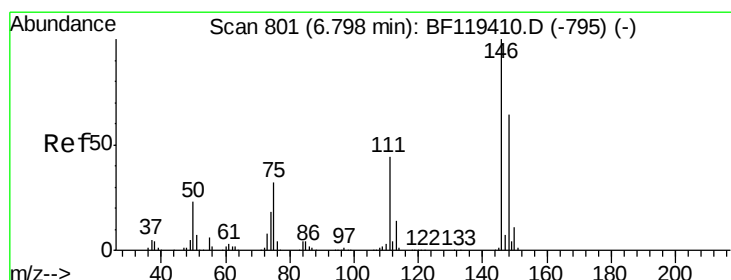
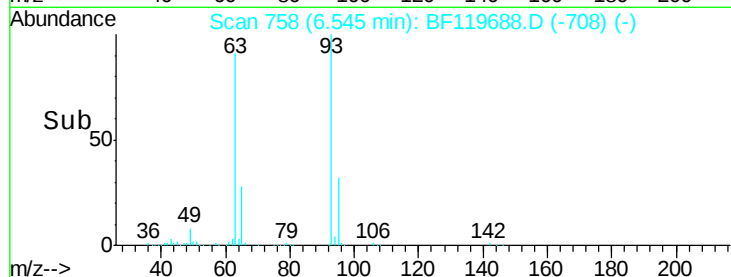
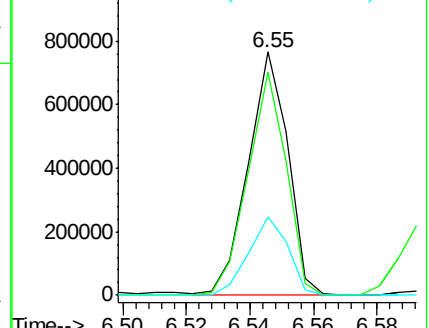
95 32.3 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.17 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

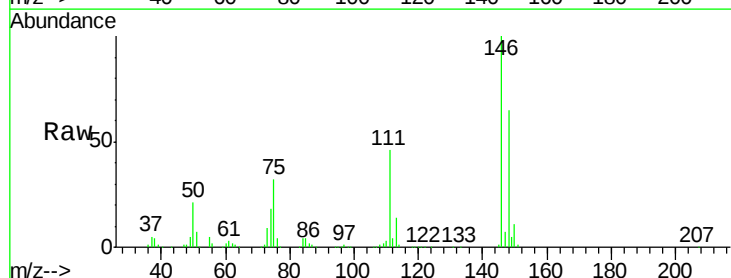
Tgt Ion: 146 Resp: 683158

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.4

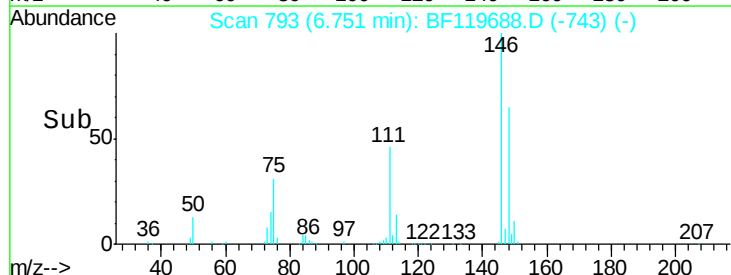
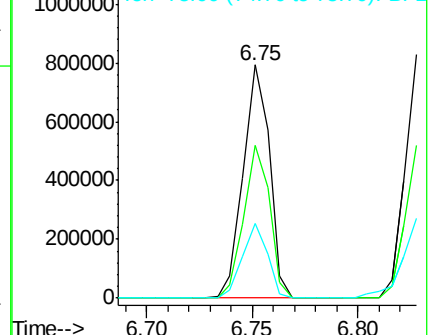
75 32.0 23.0 34.4

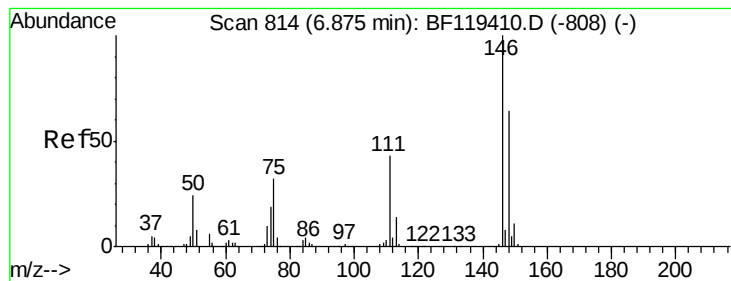


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 43.78 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

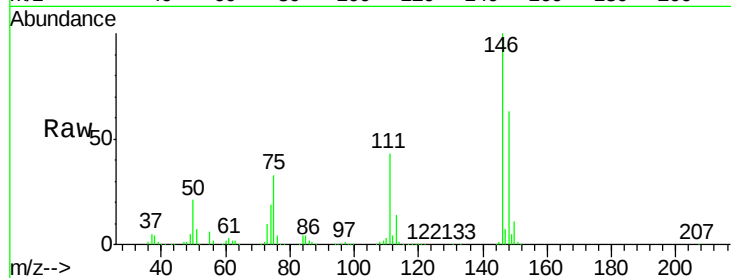
Tgt Ion:146 Resp: 693004

Ion Ratio Lower Upper

146 100

148 62.8 51.5 77.3

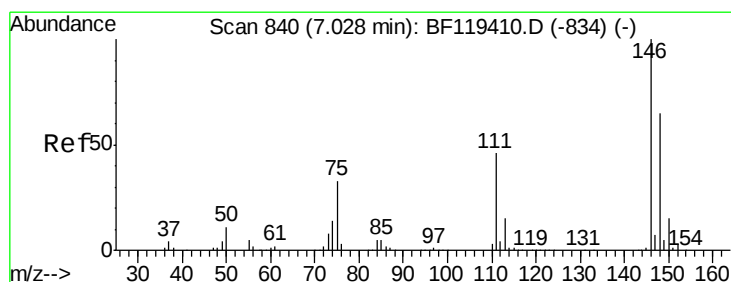
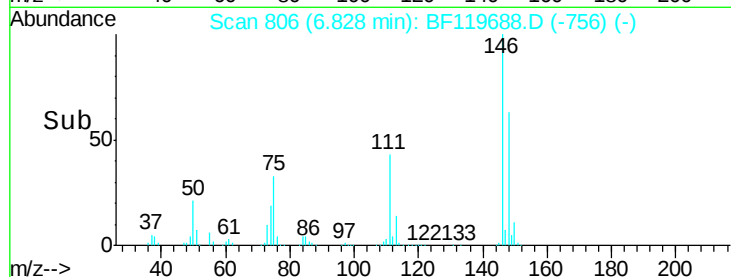
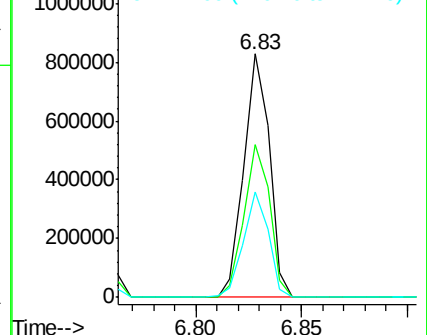
111 43.1 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.82 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

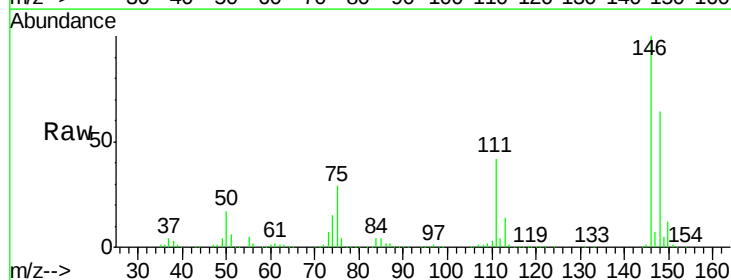
Tgt Ion:146 Resp: 648321

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

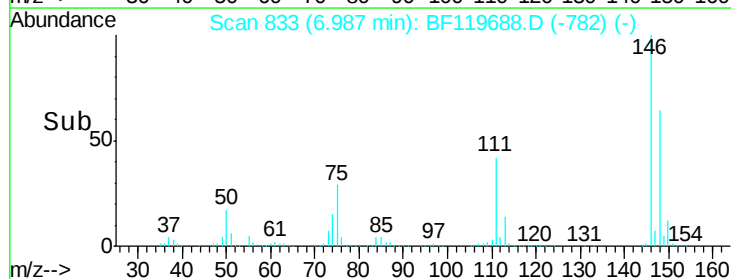
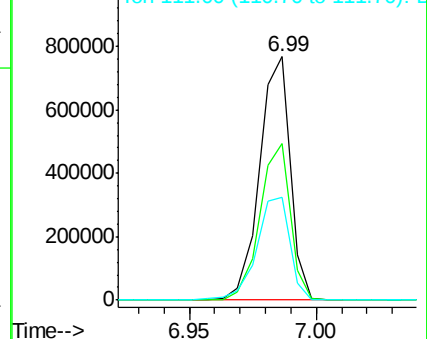
111 42.4 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.69 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

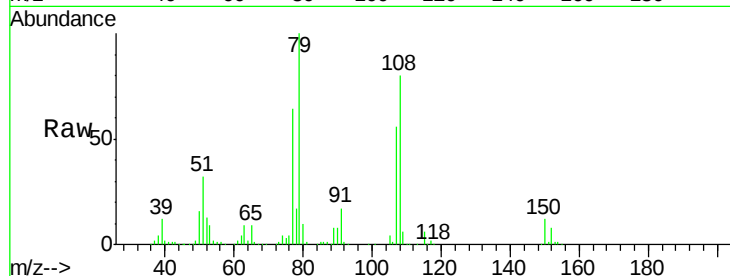
Tgt Ion: 79 Resp: 571068

Ion Ratio Lower Upper

79 100

108 80.3 60.6 90.8

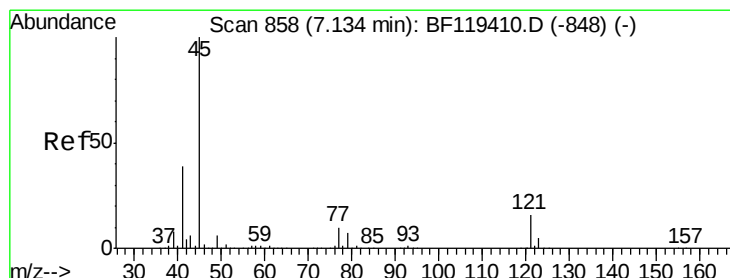
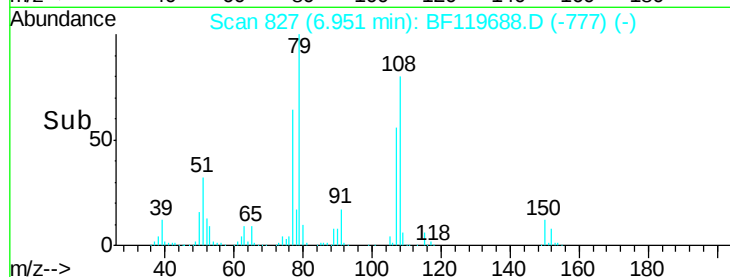
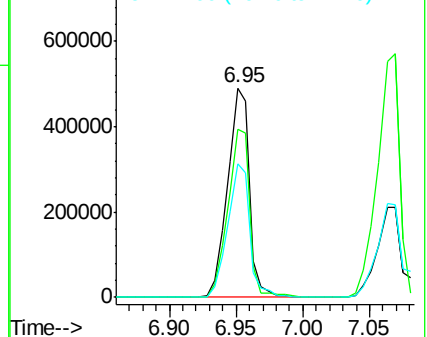
77 63.7 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.64 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

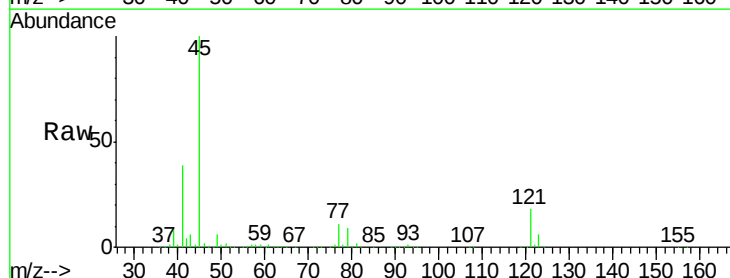
Tgt Ion: 45 Resp: 1182945

Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.7

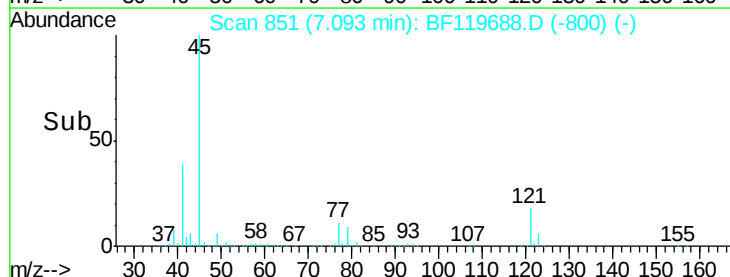
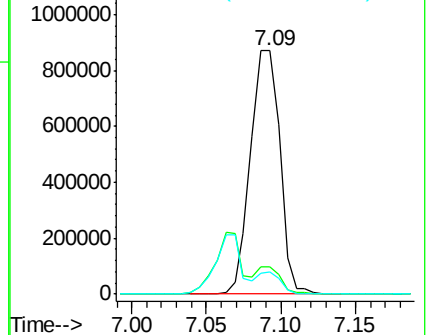
79 8.9 0.0 28.2

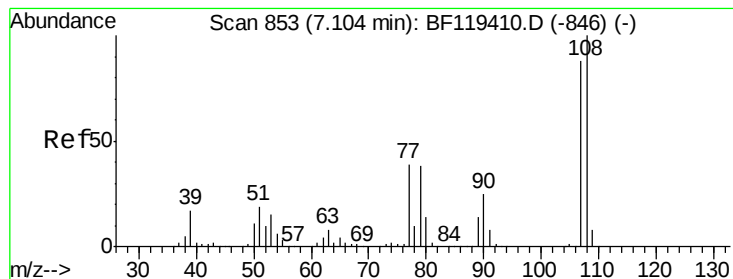


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.15 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tgt Ion:107 Resp: 564646

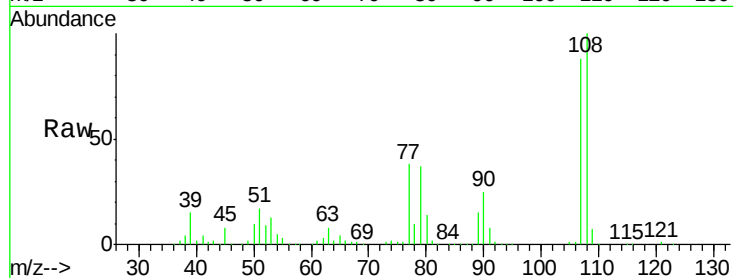
Ion Ratio Lower Upper

107 100

108 113.4 92.2 138.4

77 43.2 36.6 54.8

79 42.2 36.2 54.4

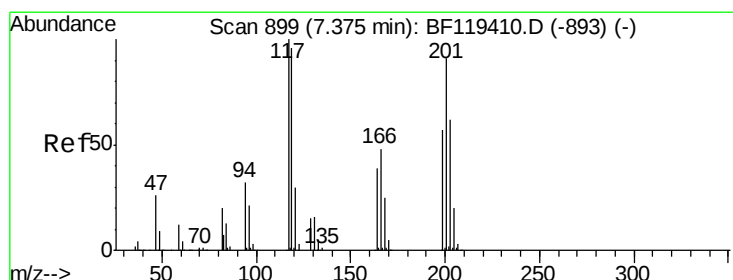
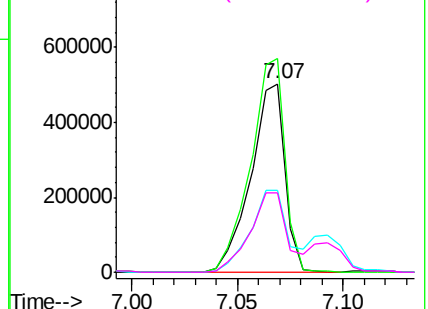
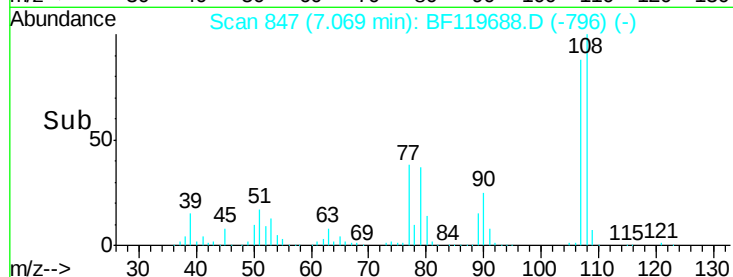


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.92 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

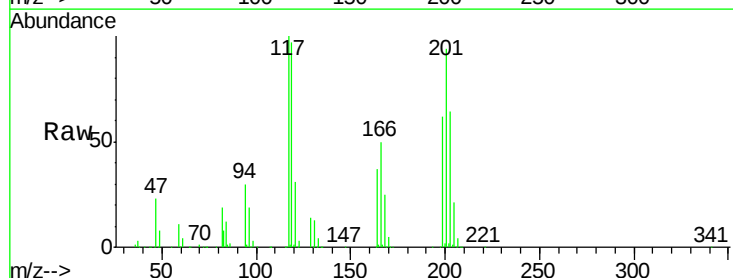
Tgt Ion:117 Resp: 260563

Ion Ratio Lower Upper

117 100

119 96.8 76.1 114.1

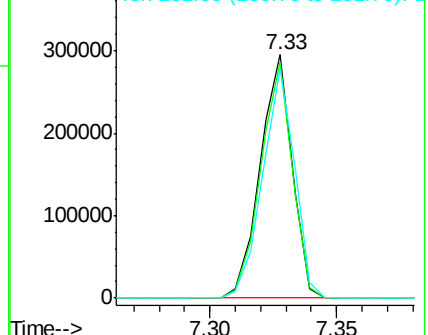
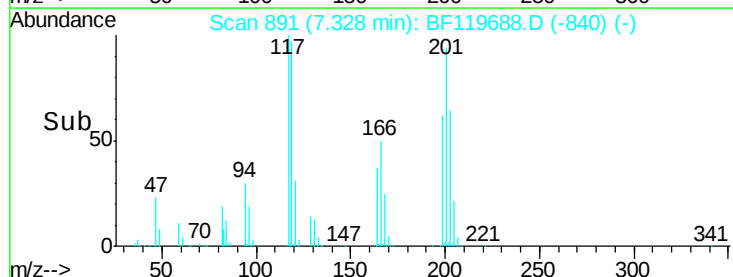
201 94.5 73.0 109.6

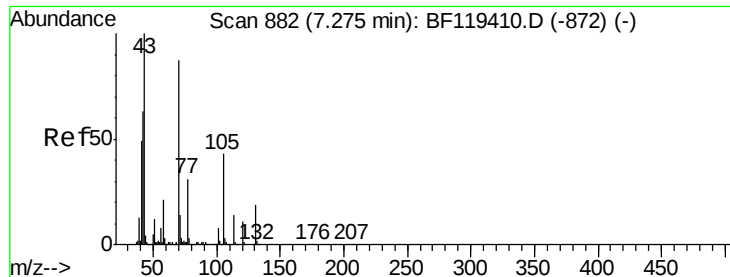


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

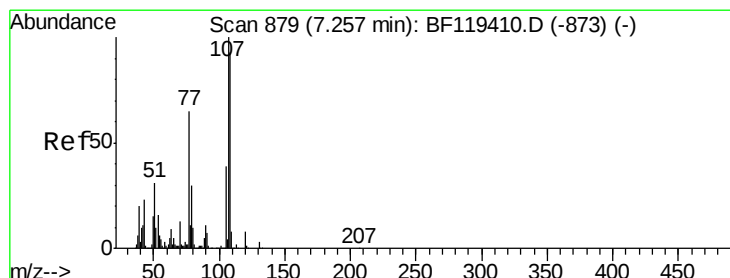
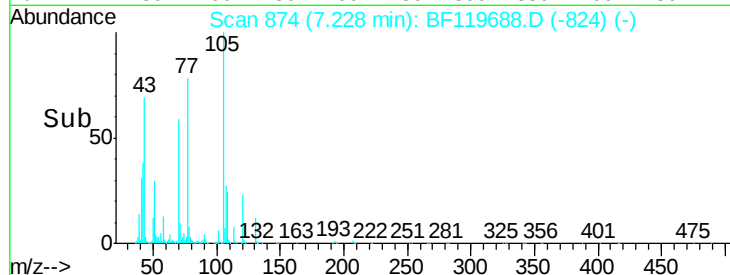
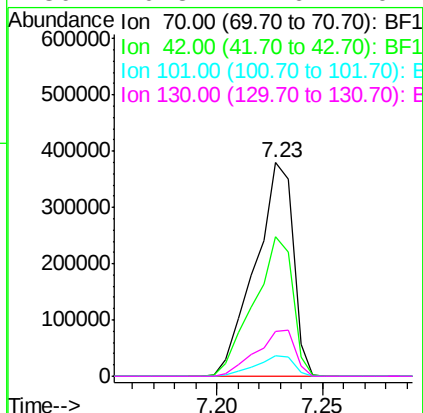
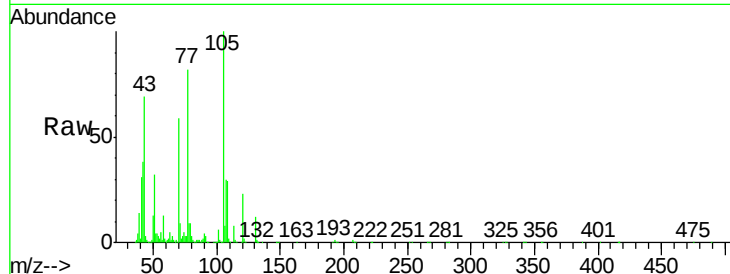




#19
n-Nitroso-di-n-propylamine
Concen: 44.29 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

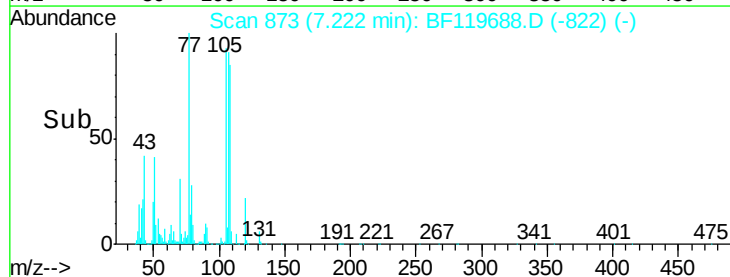
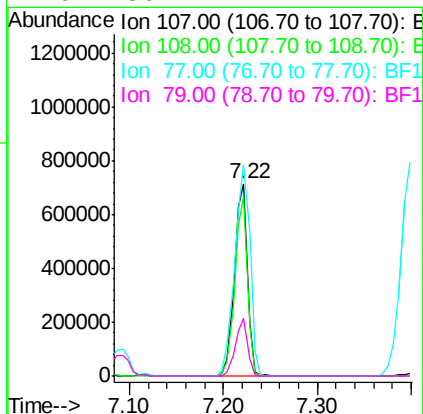
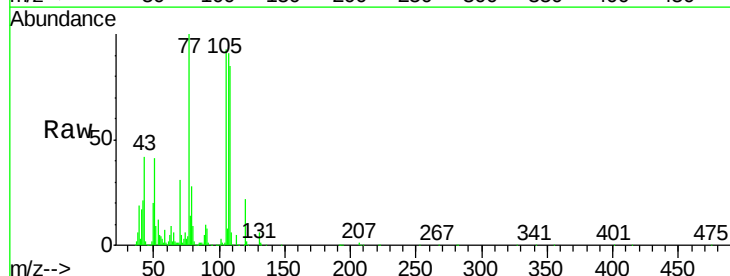
Instrument :
BNA_F
ClientSampleId :
PB127937BS

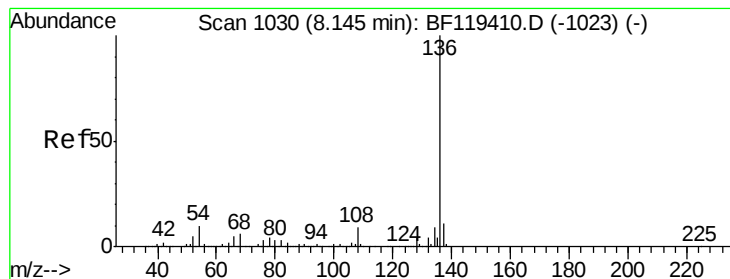
Tgt Ion:	70	Resp:	474754
Ion	Ratio	Lower	Upper
70	100		
42	65.2	54.5	81.7
101	9.4	7.6	11.4
130	20.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 41.80 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:	107	Resp:	686278
Ion	Ratio	Lower	Upper
107	100		
108	93.3	67.9	107.9
77	109.8	52.9	92.9#
79	30.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tgt Ion:136 Resp: 892093

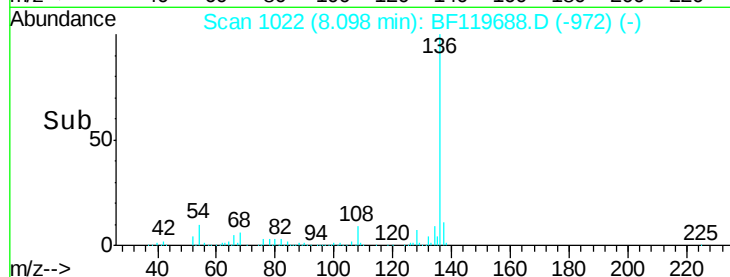
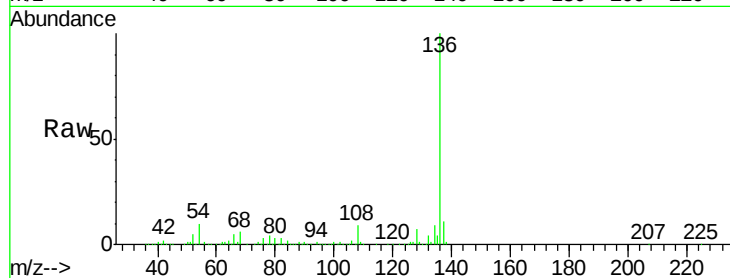
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.7 9.1 13.7

68 5.9 4.6 6.8

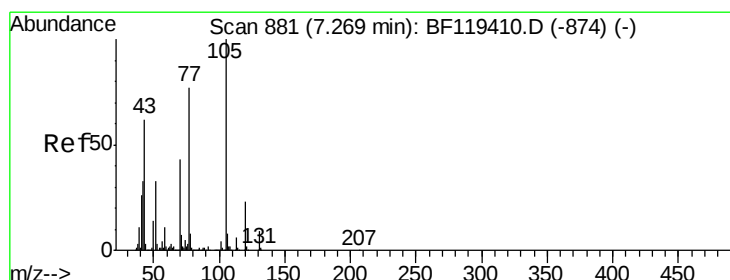
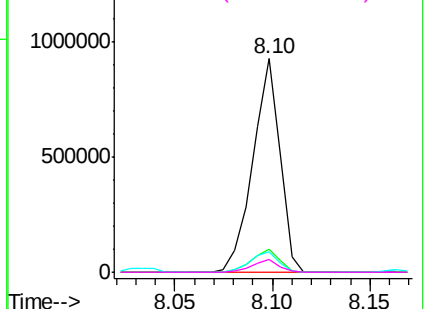


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.98 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Tgt Ion:105 Resp: 894809

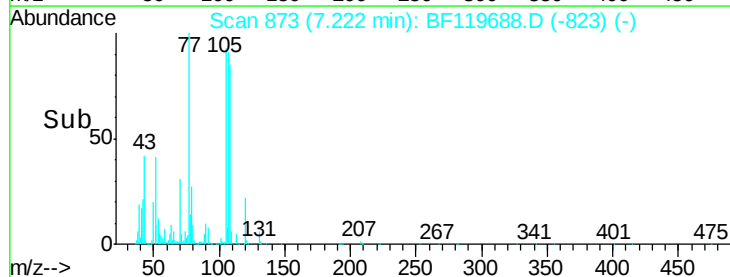
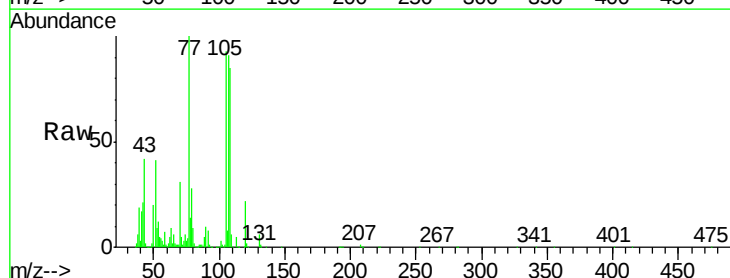
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 44.4 26.2 39.4#

120 23.1 18.3 27.5

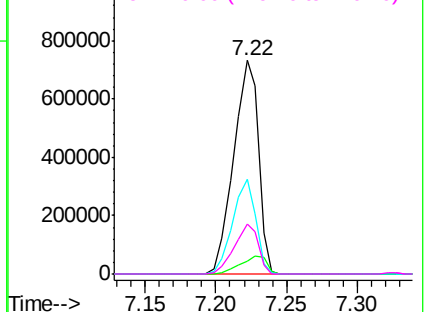


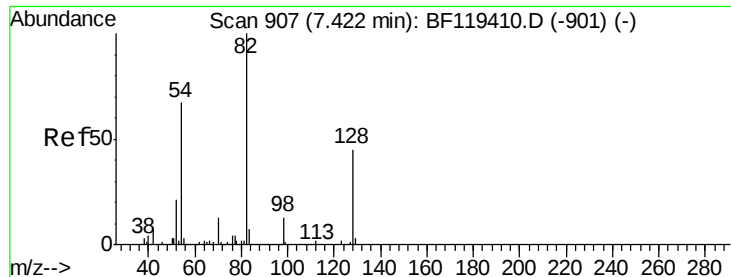
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

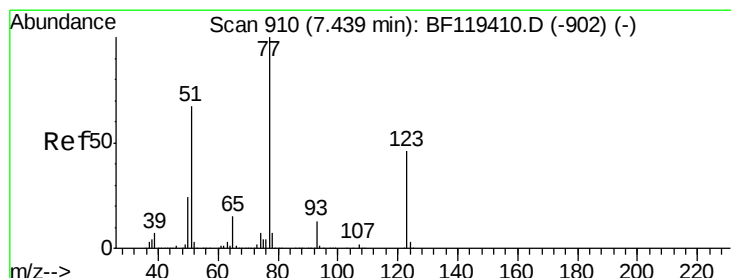
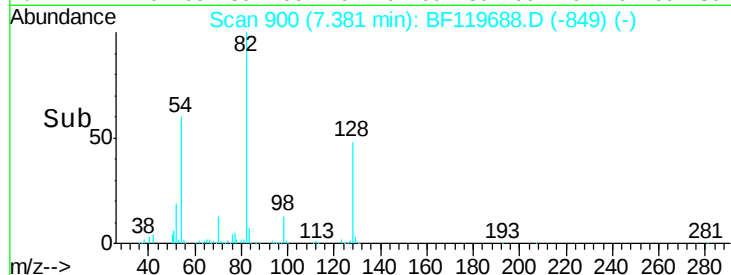
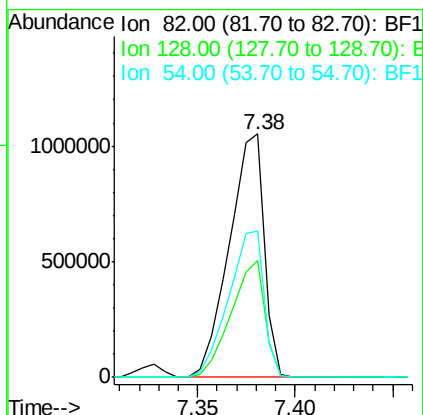
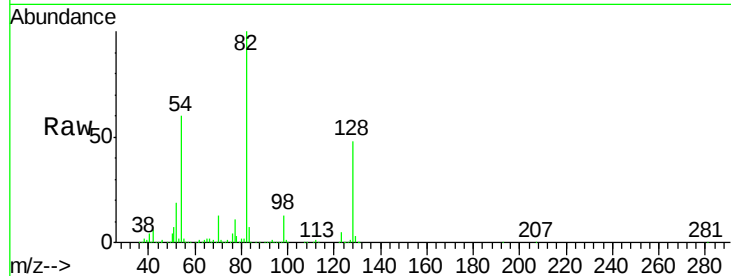




#23
 Nitrobenzene-d5
 Concen: 79.26 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

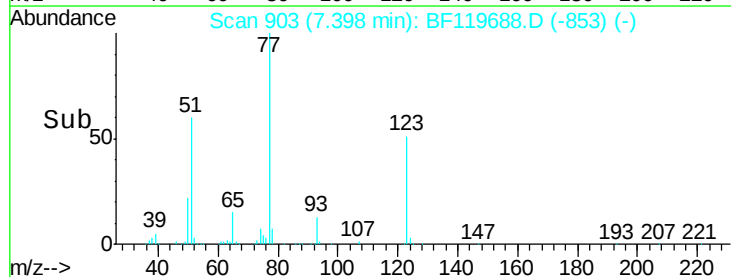
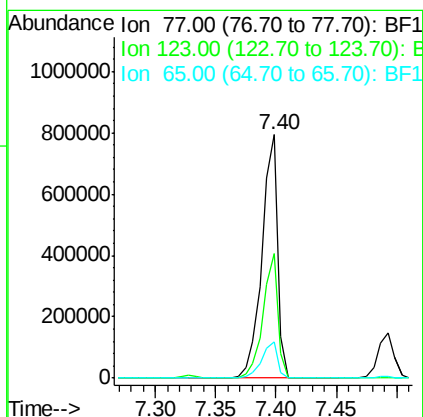
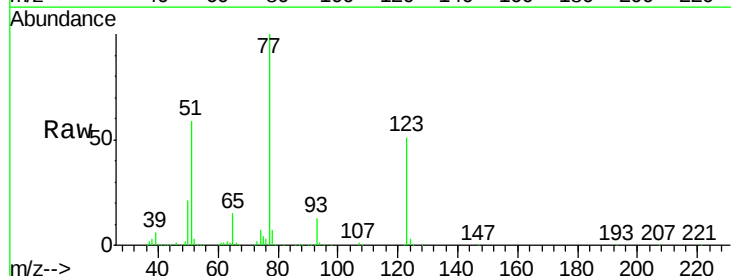
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

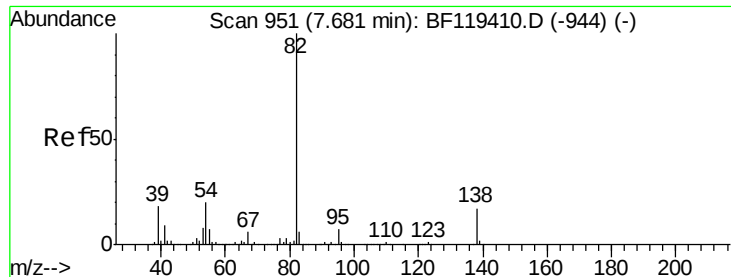
Tgt Ion: 82 Resp: 1301042
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.3 54.5
 54 59.9 50.6 75.8



#24
 Nitrobenzene
 Concen: 41.18 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 77 Resp: 722348
 Ion Ratio Lower Upper
 77 100
 123 51.1 38.0 57.0
 65 14.7 12.6 18.8





#25

Isophorone

Concen: 40.82 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

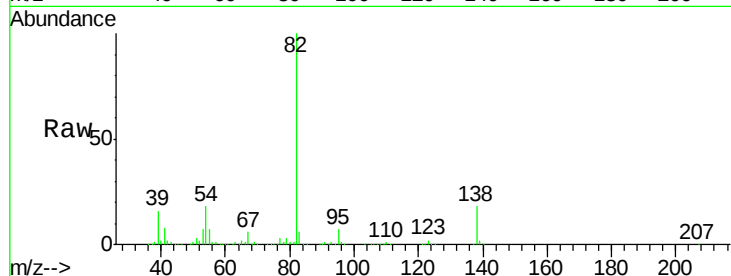
Tgt Ion: 82 Resp: 1359059

Ion Ratio Lower Upper

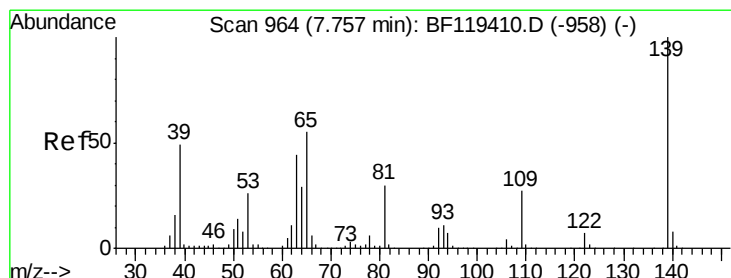
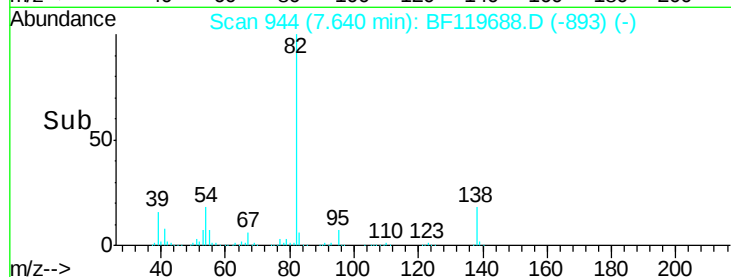
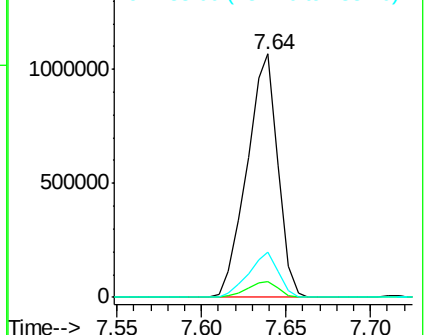
82 100

95 6.5 5.8 8.6

138 18.3 14.6 21.8



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



#26

2-Nitrophenol

Concen: 53.74 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

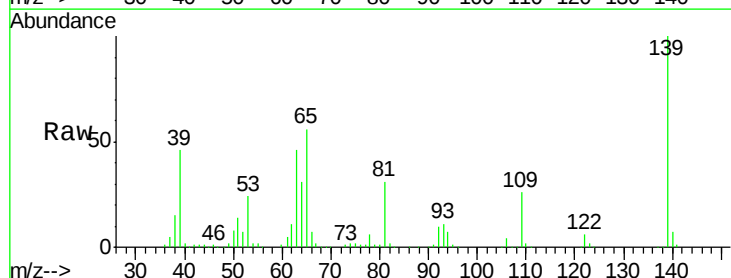
Tgt Ion: 139 Resp: 371182

Ion Ratio Lower Upper

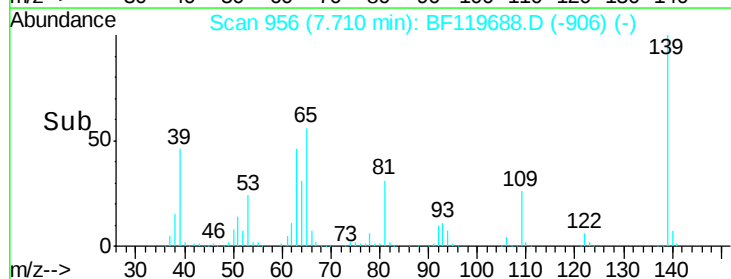
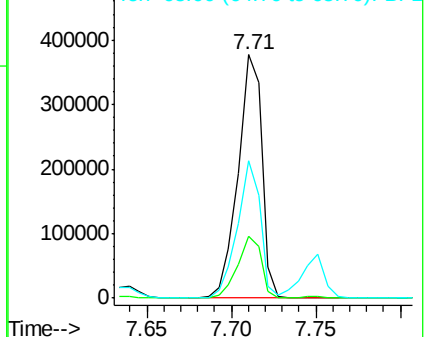
139 100

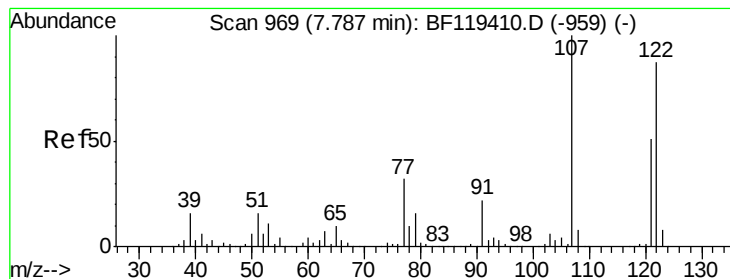
109 25.6 22.1 33.1

65 56.4 49.2 73.8



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





#27

2,4-Dimethylphenol

Concen: 42.32 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

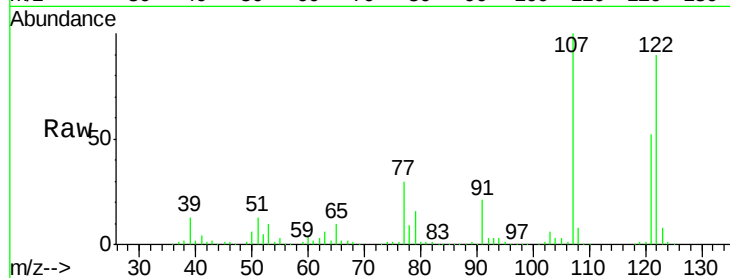
Tgt Ion:122 Resp: 604353

Ion Ratio Lower Upper

122 100

107 110.7 89.0 133.6

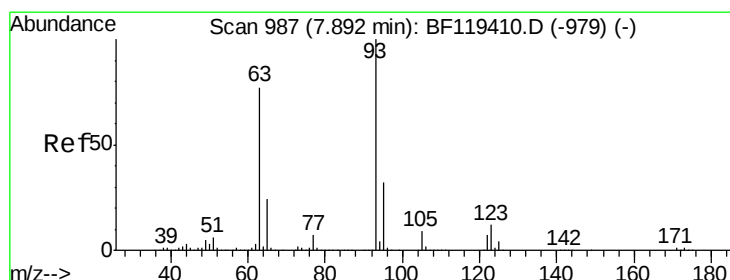
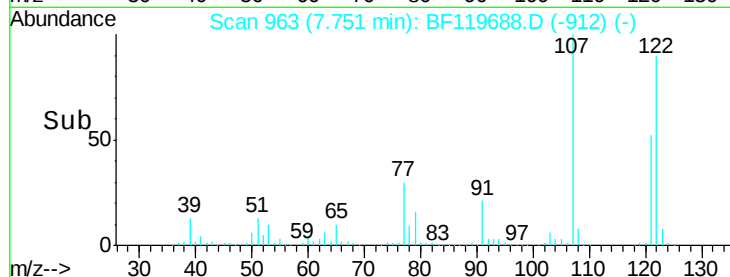
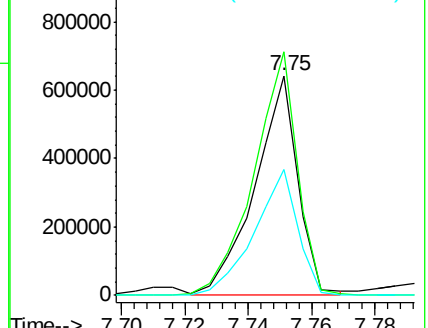
121 57.3 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.78 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

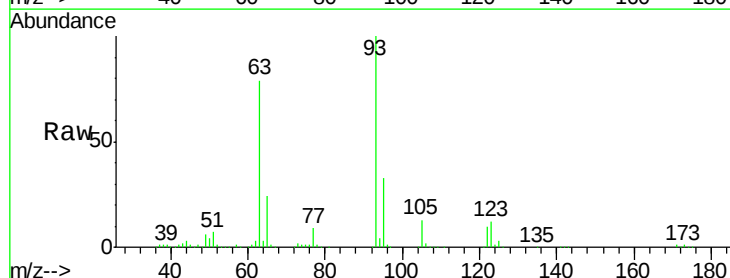
Tgt Ion: 93 Resp: 862050

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

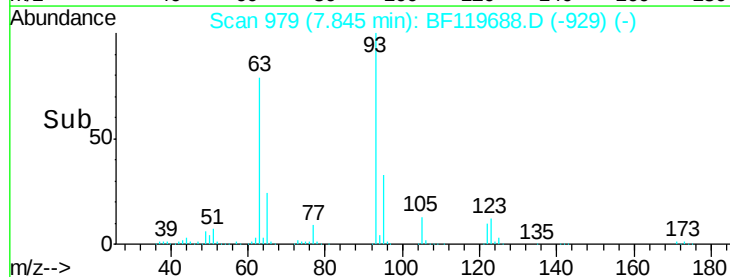
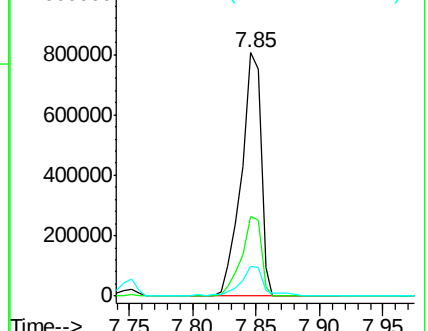
123 12.3 9.7 14.5

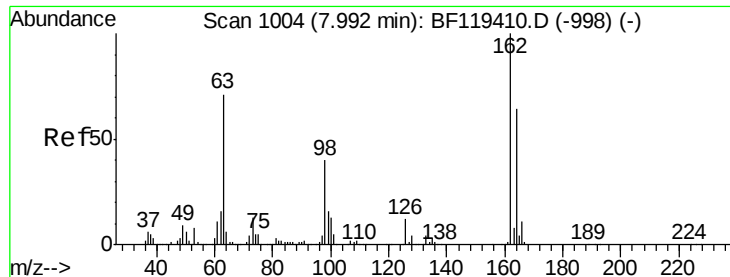


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

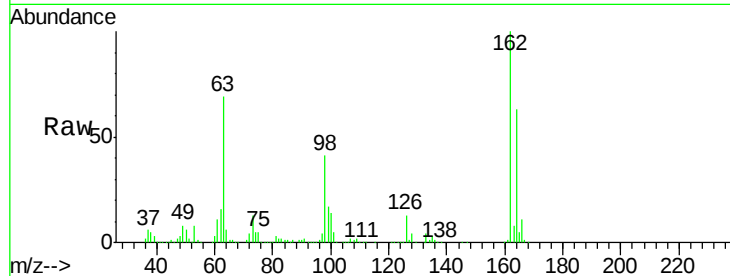




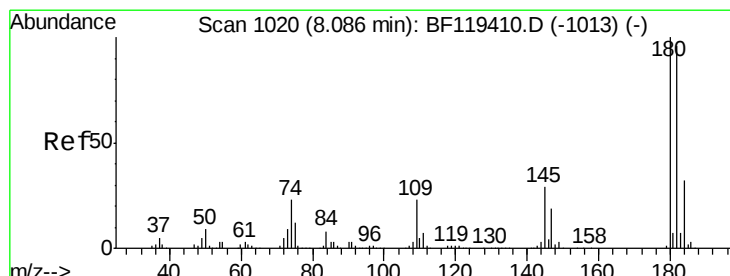
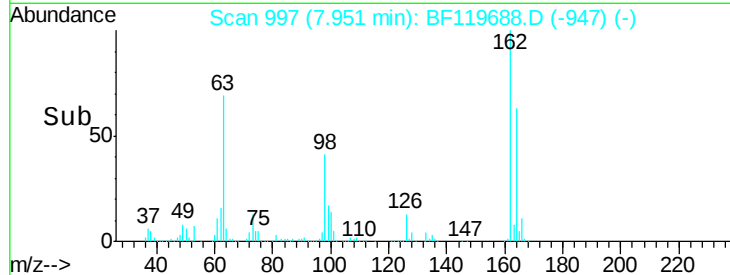
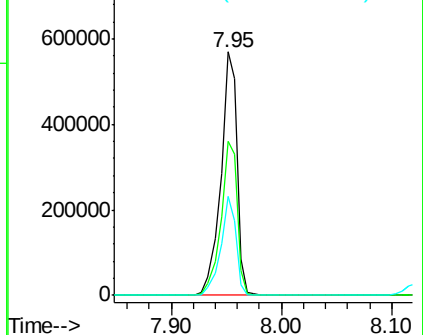
#29
2,4-Dichlorophenol
Concen: 44.29 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.7	84.7
98	40.7	20.7	60.7

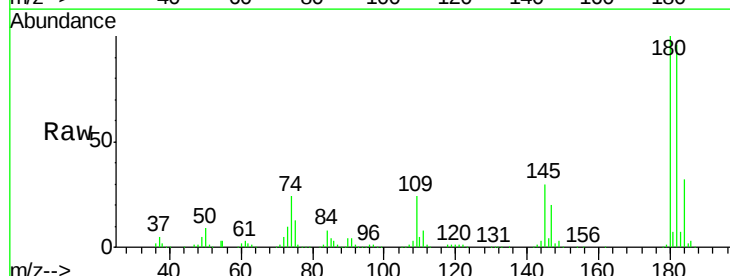


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

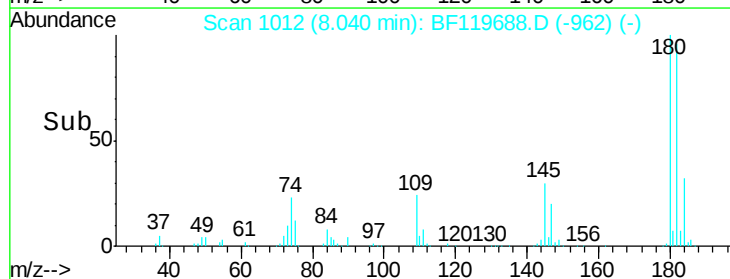
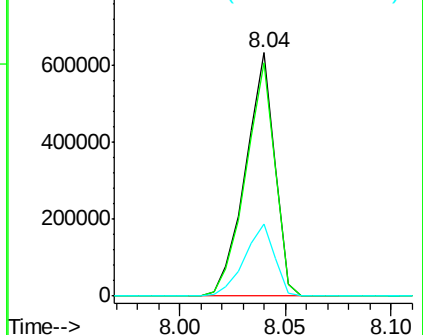


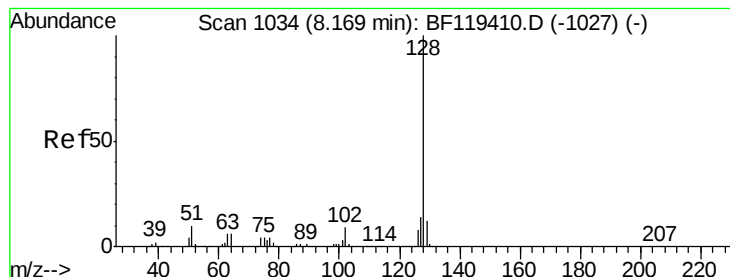
#30
1,2,4-Trichlorobenzene
Concen: 42.04 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.7	112.1
145	29.8	24.5	36.7



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





#31

Naphthalene

Concen: 42.61 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

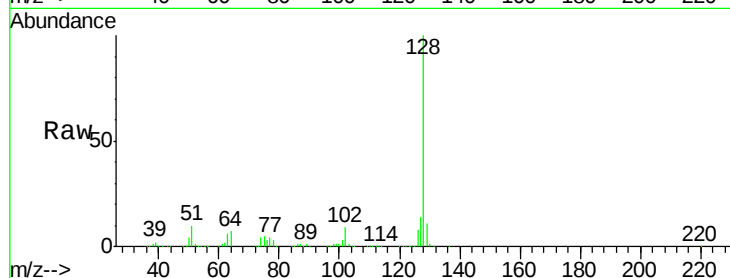
Tgt Ion:128 Resp: 1956142

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

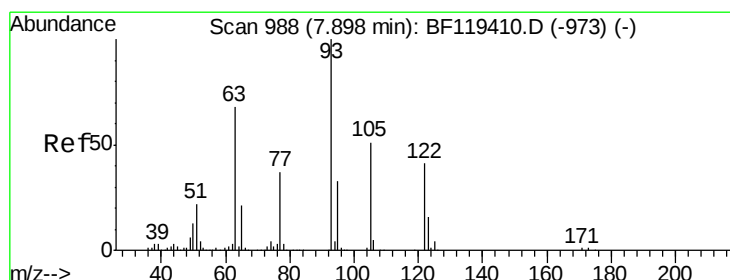
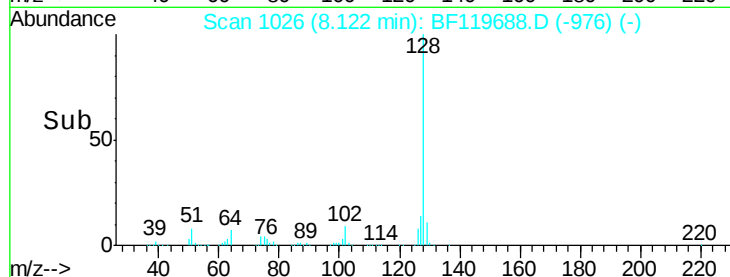
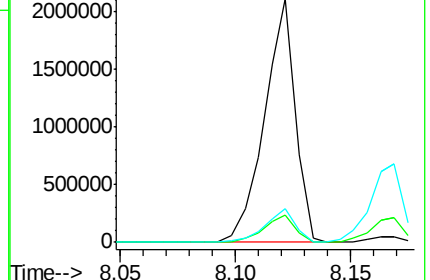
127 13.8 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.41 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

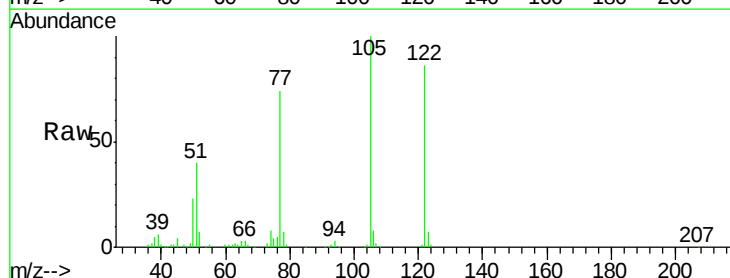
Tgt Ion:122 Resp: 444700

Ion Ratio Lower Upper

122 100

105 116.8 104.9 144.9

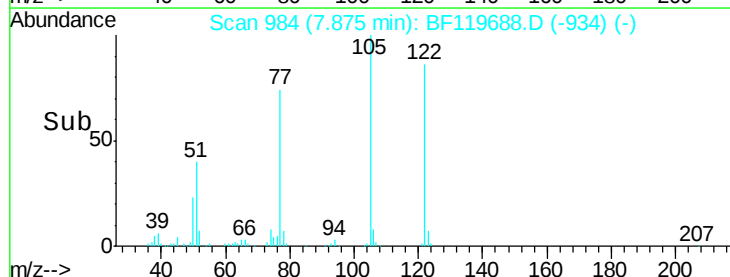
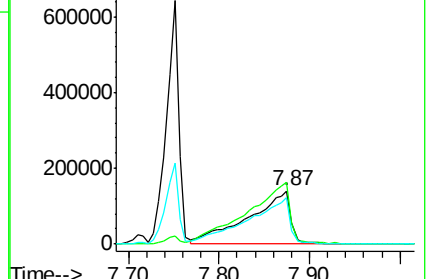
77 86.3 74.4 114.4

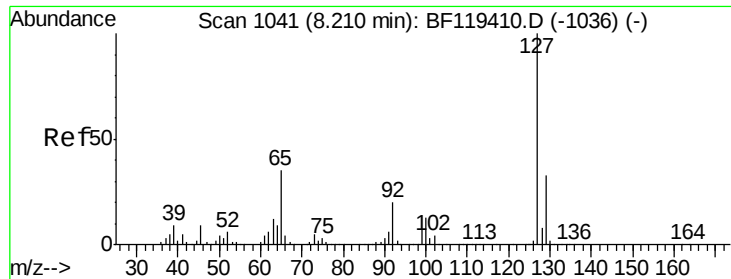


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

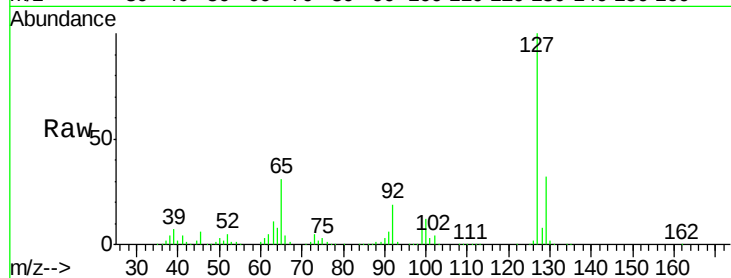




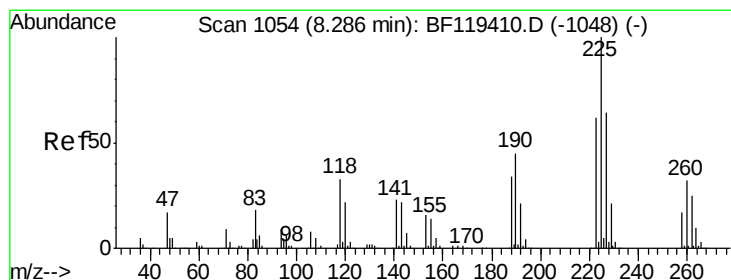
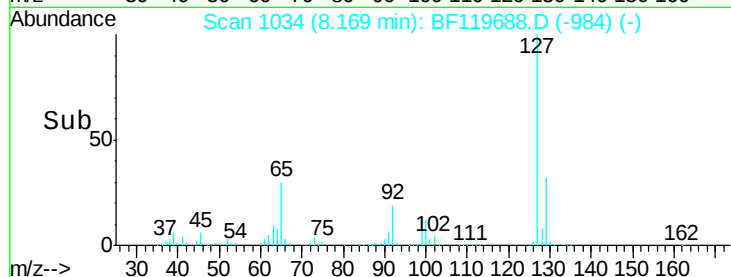
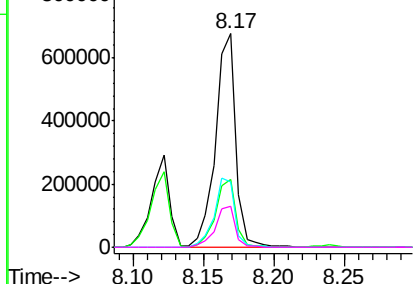
#33
 4-Chloroaniline
 Concen: 31.99 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion:	127	Resp:	672990
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	30.6	27.4	41.0
92	19.0	15.3	22.9

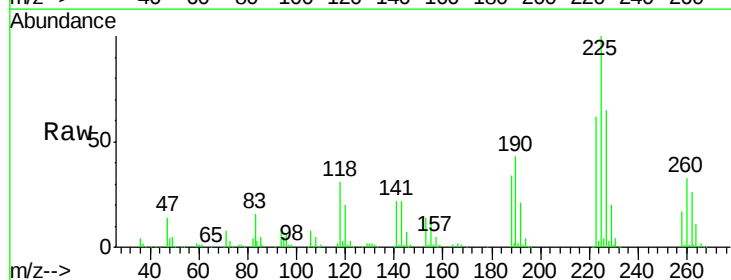


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

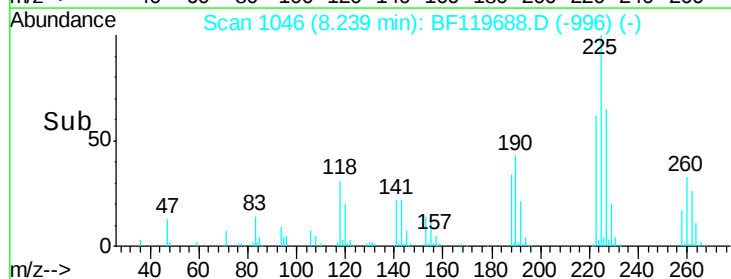
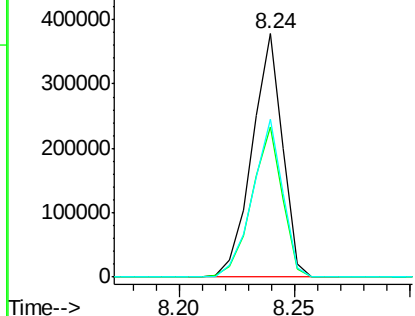


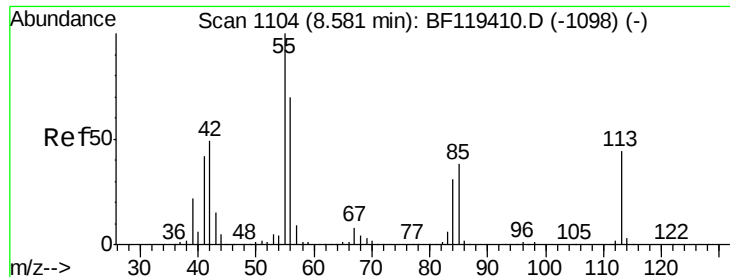
#34
 Hexachlorobutadiene
 Concen: 42.72 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:	225	Resp:	346905
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	64.9	50.7	76.1



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

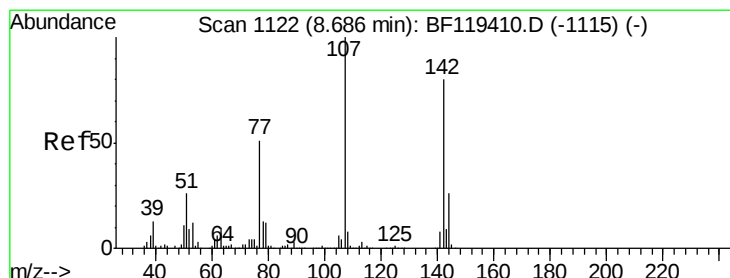
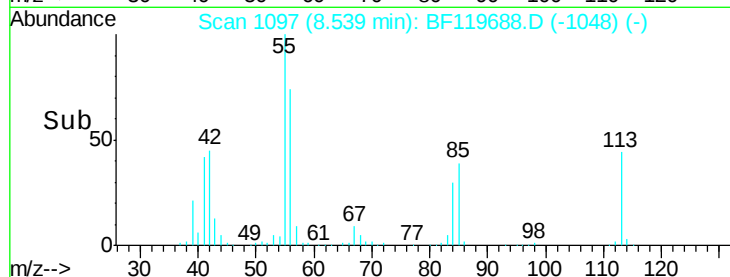
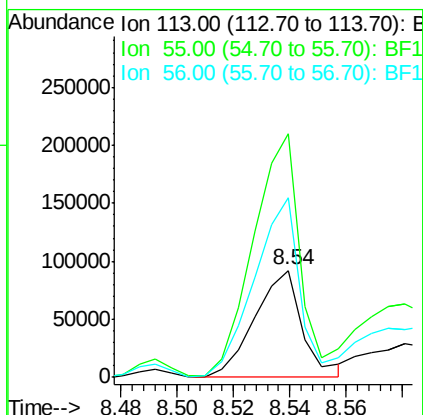
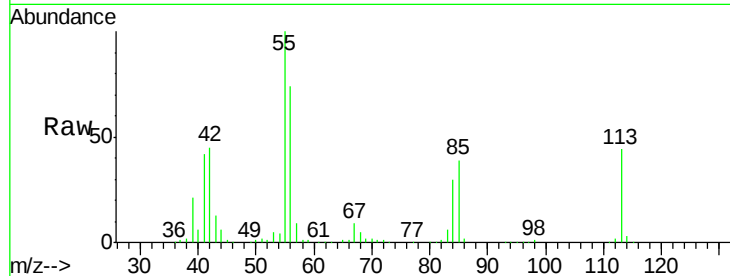




#35
 Caprolactam
 Concen: 25.15 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

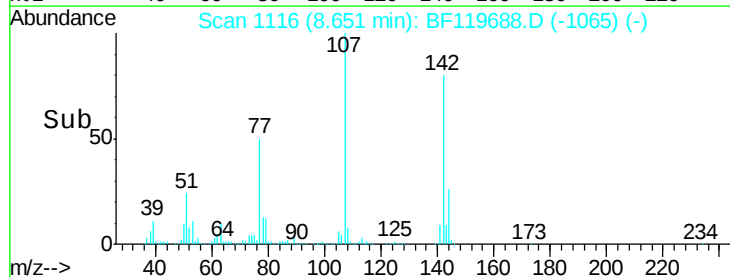
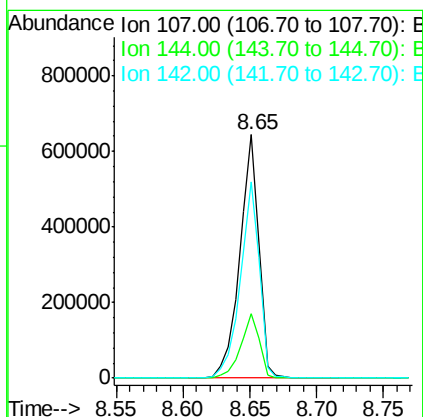
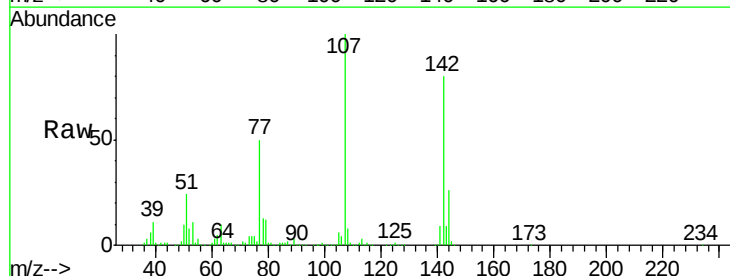
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

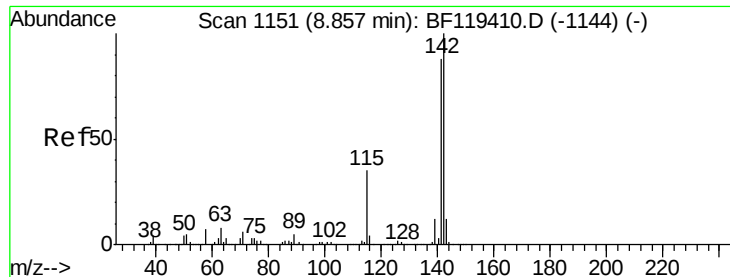
Tgt Ion:113 Resp: 107994
 Ion Ratio Lower Upper
 113 100
 55 227.2 218.4 258.4
 56 167.3 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.83 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:107 Resp: 642998
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.0 31.6
 142 80.4 64.4 96.6

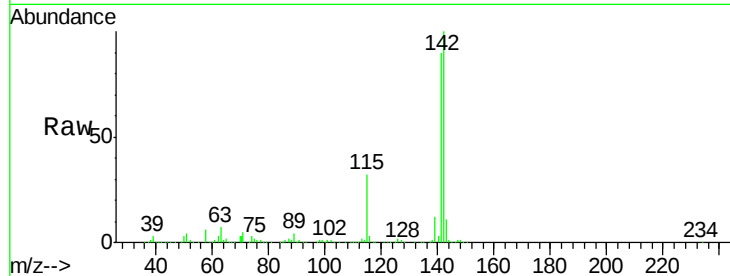




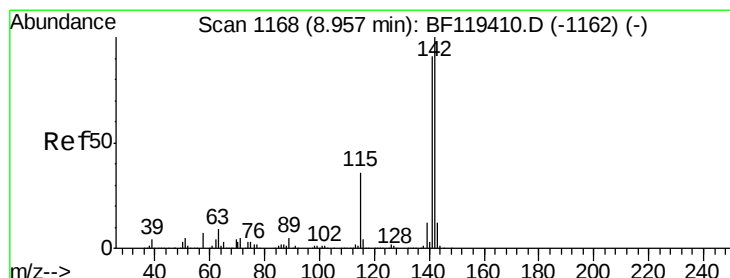
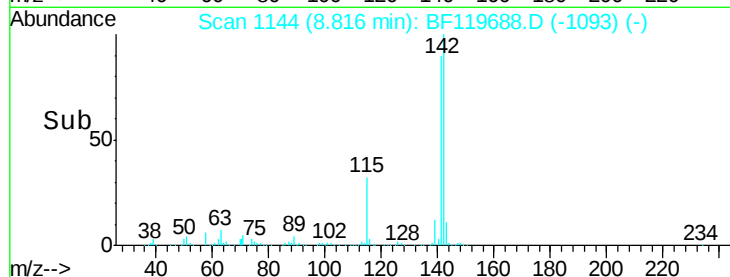
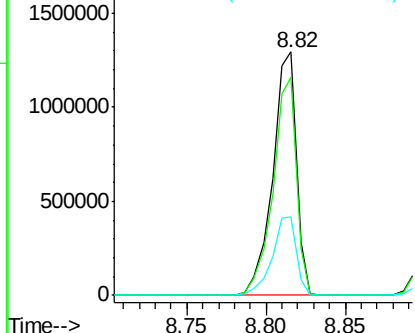
#37
 2-Methylnaphthalene
 Concen: 44.90 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion:142 Resp: 1352795
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.7 107.5
 115 32.5 27.9 41.9

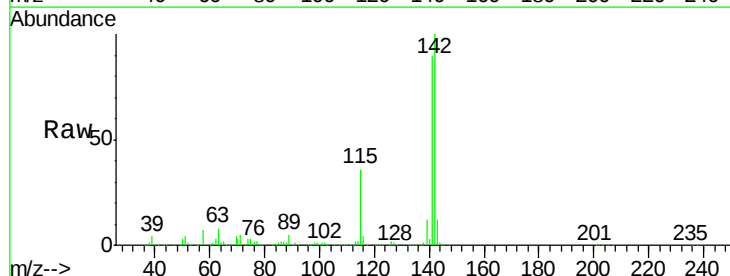


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

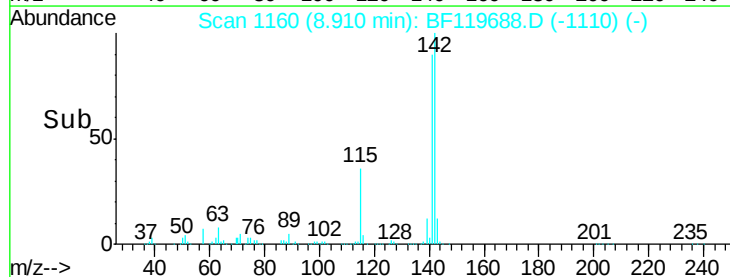
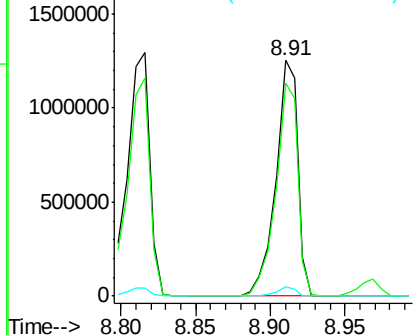


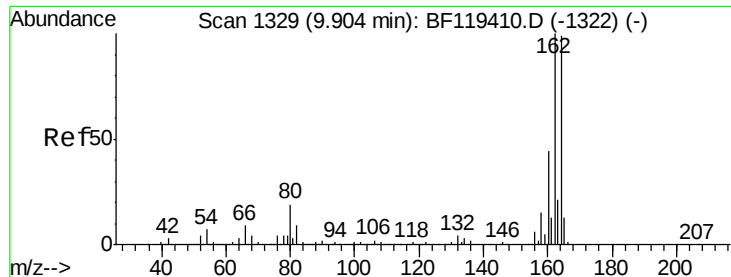
#38
 1-Methylnaphthalene
 Concen: 45.28 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:142 Resp: 1291185
 Ion Ratio Lower Upper
 142 100
 141 90.3 73.7 110.5
 116 3.8 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

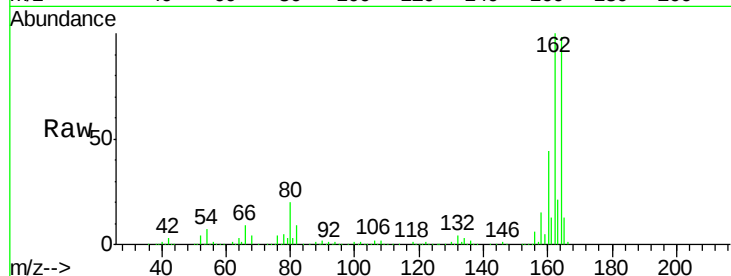




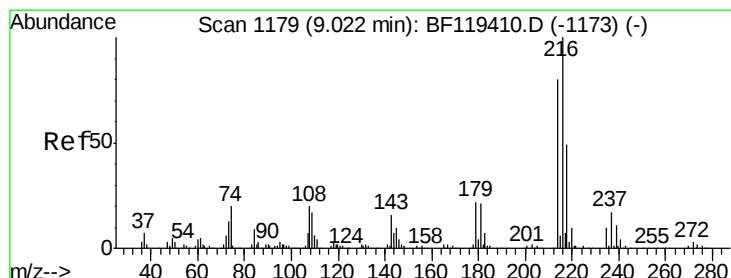
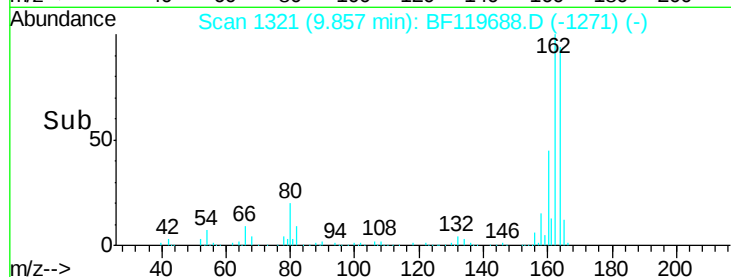
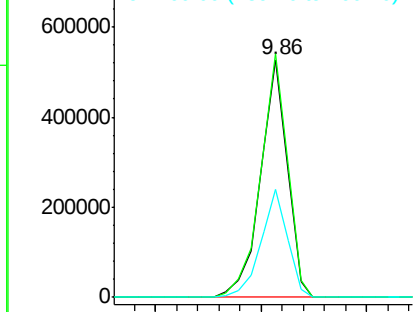
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion:164 Resp: 468227
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.6 121.0
 160 45.6 35.7 53.5

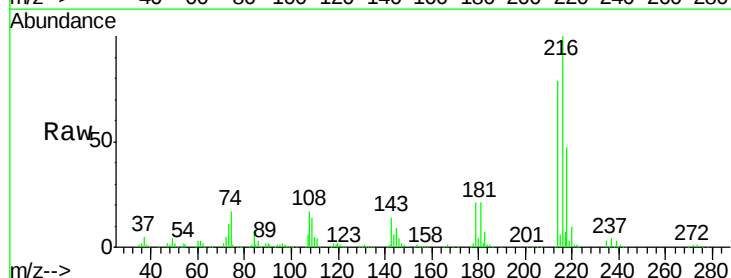


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

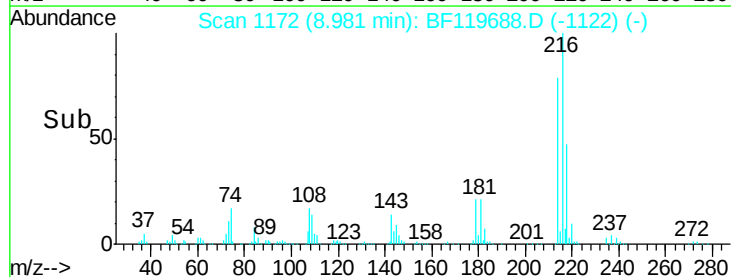
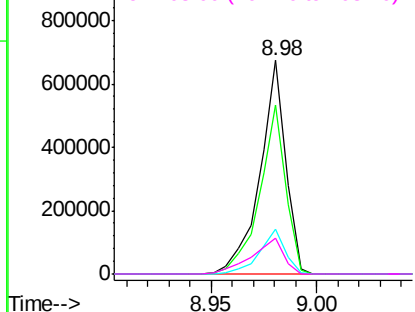


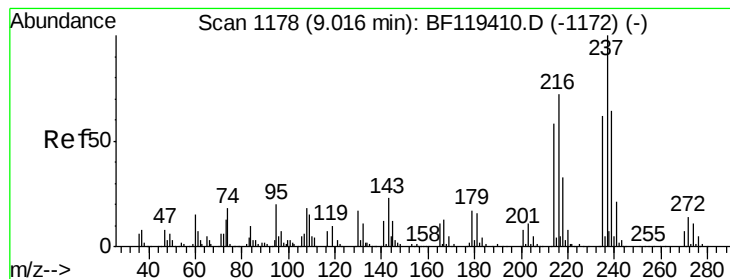
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.53 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:216 Resp: 569946
 Ion Ratio Lower Upper
 216 100
 214 80.1 63.2 94.8
 179 21.2 17.1 25.7
 108 20.6 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.27 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

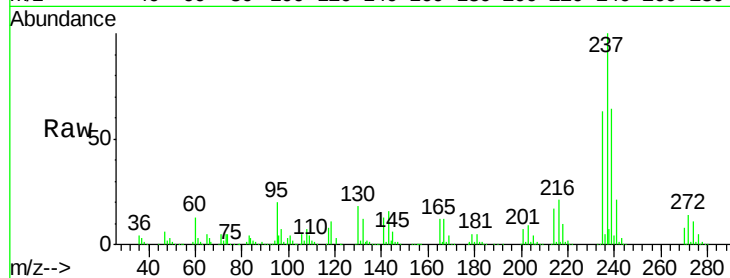
Tgt Ion: 237 Resp: 704284

Ion Ratio Lower Upper

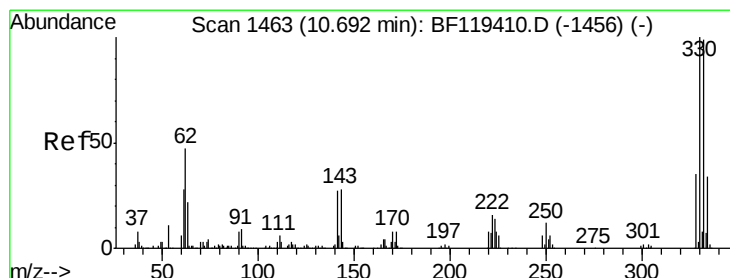
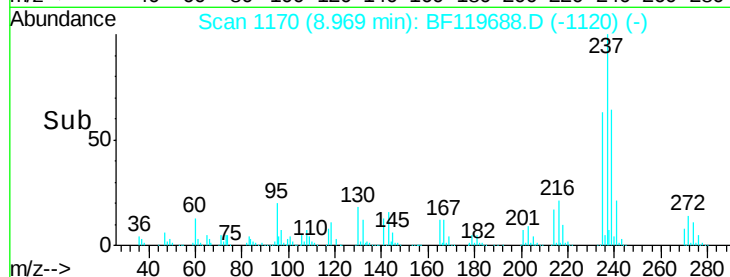
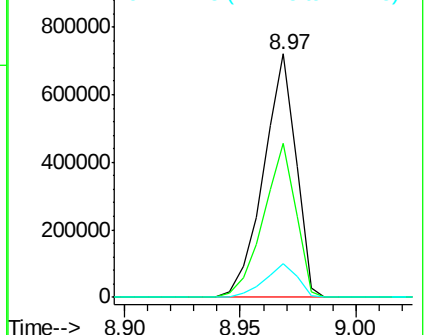
237 100

235 63.4 43.2 83.2

272 14.0 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 95.25 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

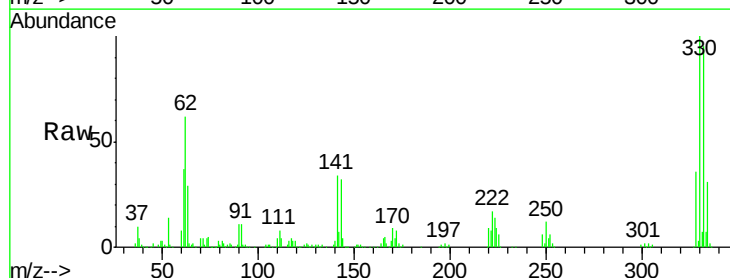
Tgt Ion: 330 Resp: 460123

Ion Ratio Lower Upper

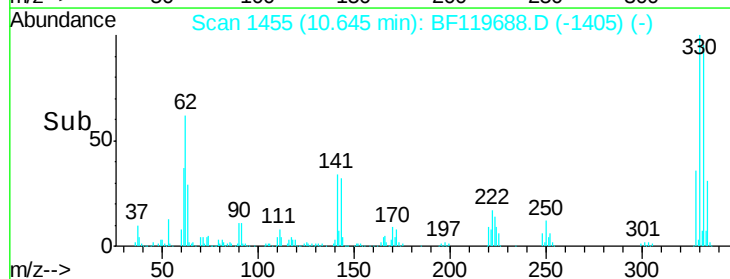
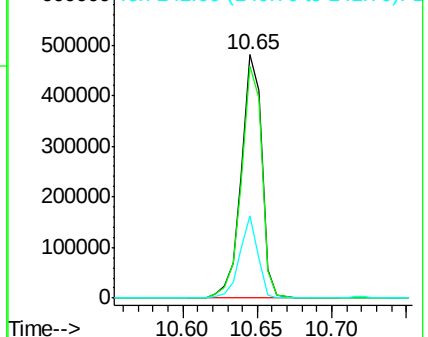
330 100

332 95.5 75.7 113.5

141 30.3 25.4 38.0



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

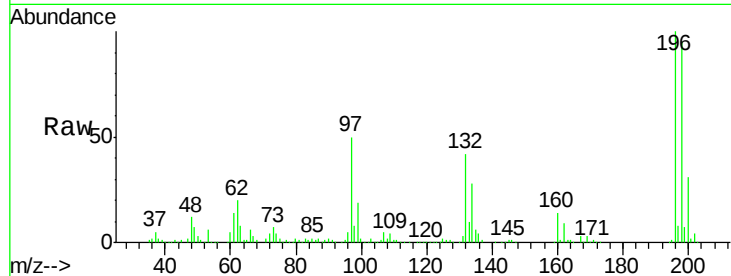




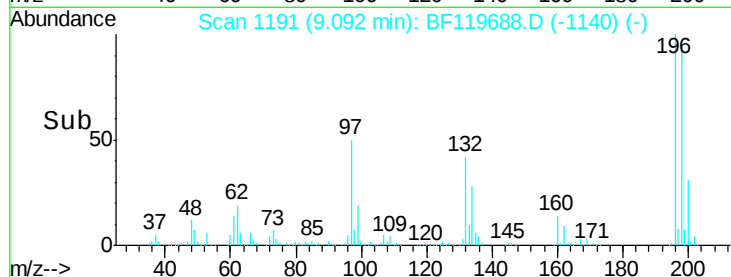
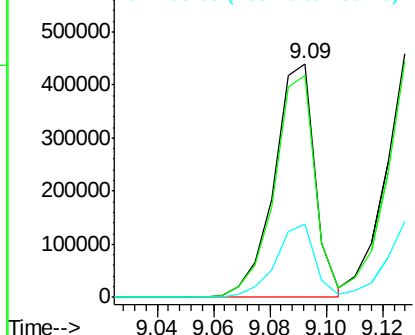
#43
 2,4,6-Trichlorophenol
 Concen: 44.96 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion:196 Resp: 441554
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.6 115.0
 200 31.3 24.6 36.8



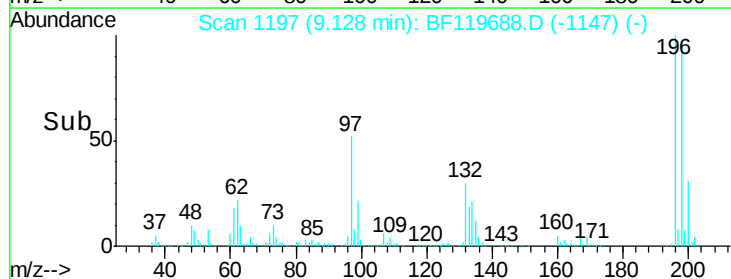
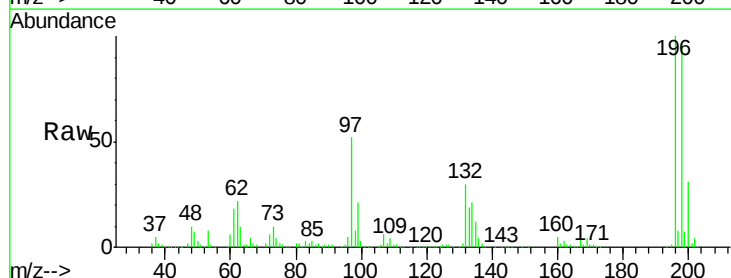
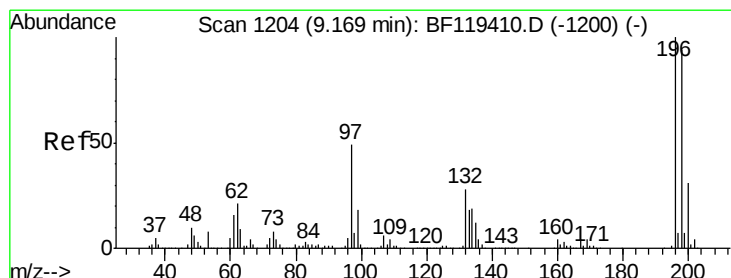
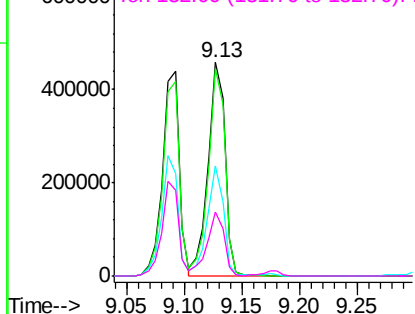
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

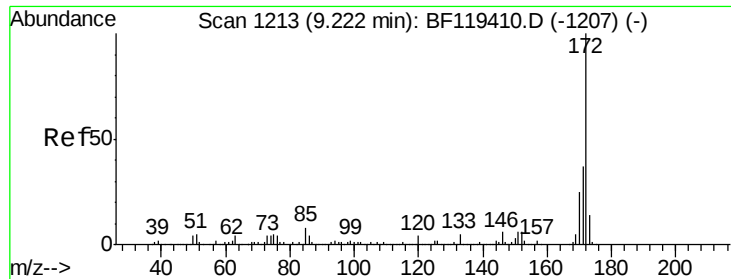


#44
 2,4,5-Trichlorophenol
 Concen: 43.06 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:196 Resp: 473738
 Ion Ratio Lower Upper
 196 100
 198 96.9 73.8 110.8
 97 51.6 42.6 63.8
 132 29.9 24.0 36.0

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

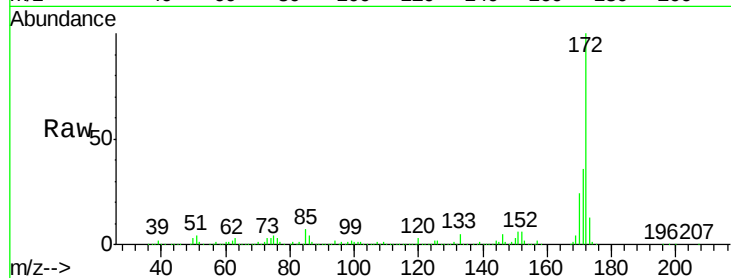




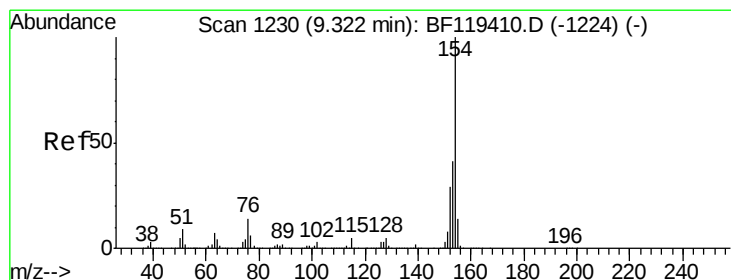
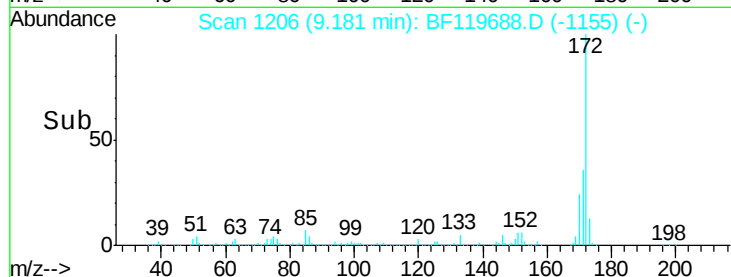
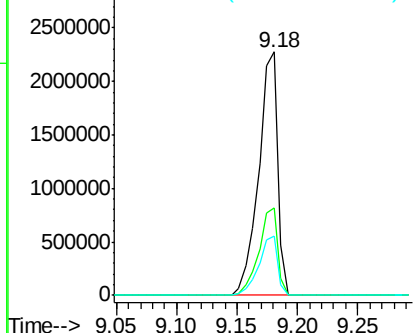
#45
 2-Fluorobiphenyl
 Concen: 79.43 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion:172 Resp: 2510581
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 20.2 30.2

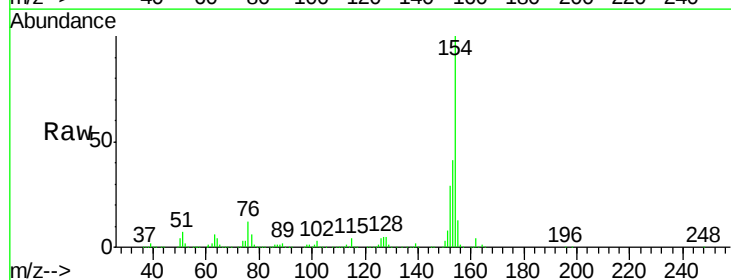


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

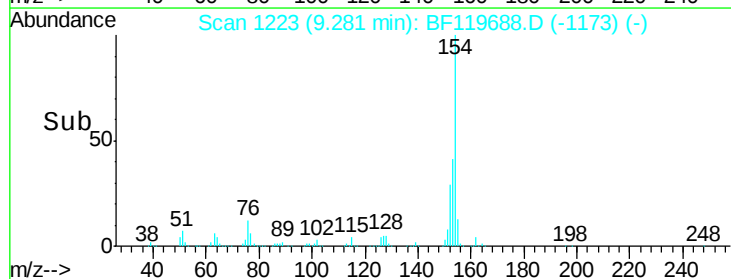
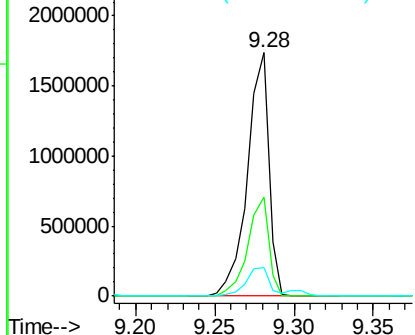


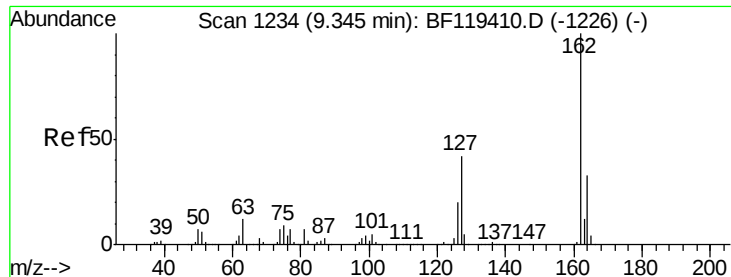
#46
 1,1'-Biphenyl
 Concen: 42.51 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:154 Resp: 1620976
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.4 61.4
 76 11.6 0.0 33.0



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

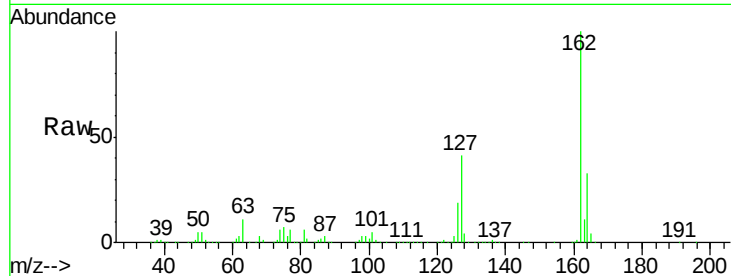




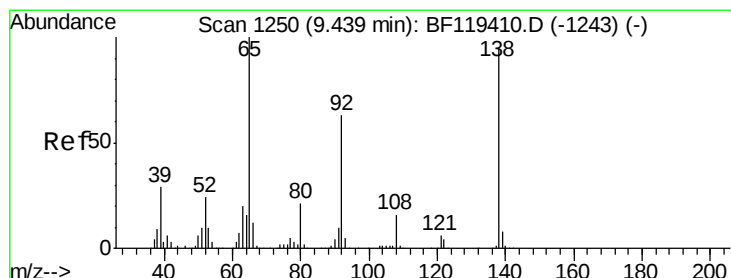
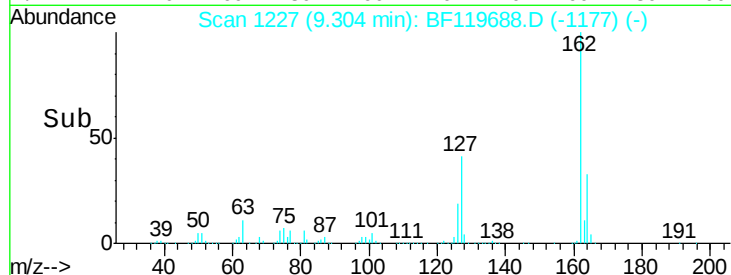
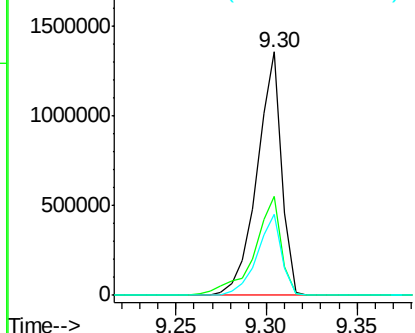
#47
 2-Chloronaphthalene
 Concen: 42.61 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion: 162 Resp: 1272798
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.7 50.5
 164 33.2 26.3 39.5

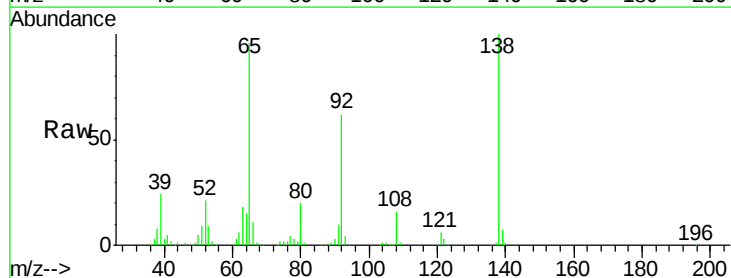


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

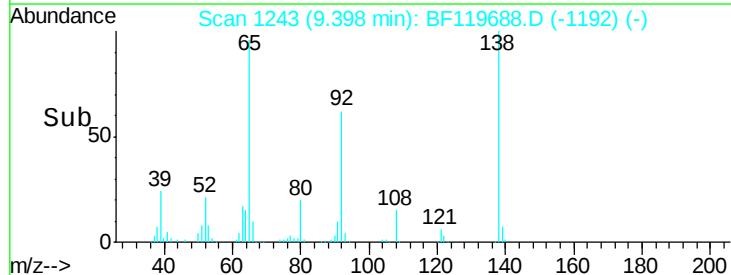
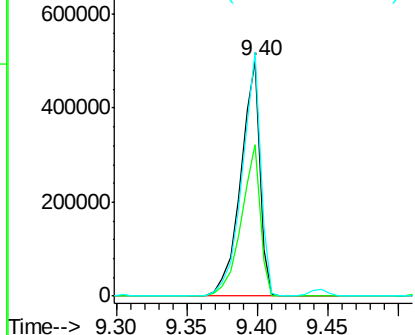


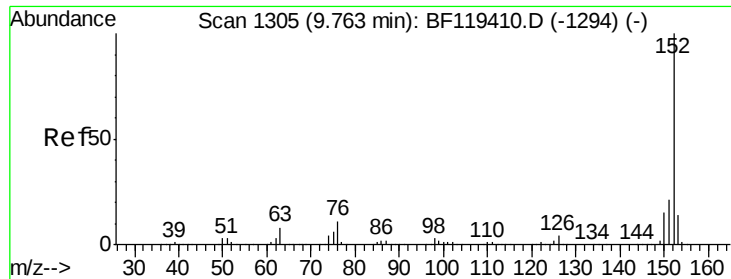
#48
 2-Nitroaniline
 Concen: 45.72 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 65 Resp: 471423
 Ion Ratio Lower Upper
 65 100
 92 64.4 50.0 75.0
 138 103.6 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.24 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

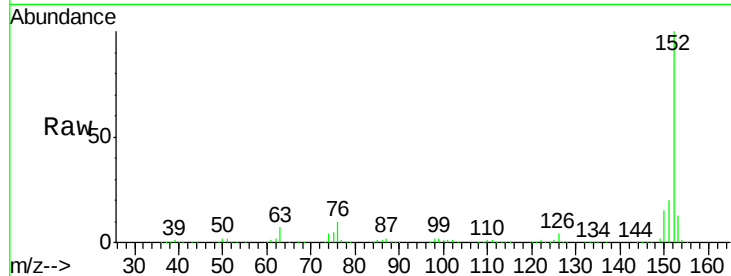
Tgt Ion:152 Resp: 2028142

Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

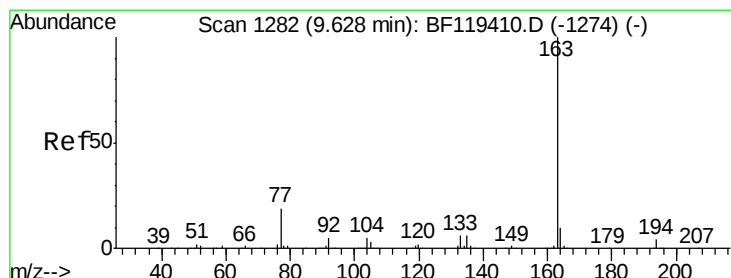
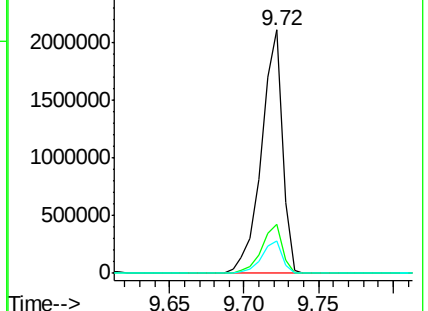
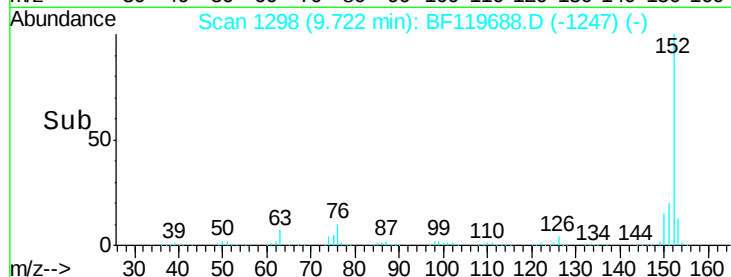
153 13.2 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.76 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

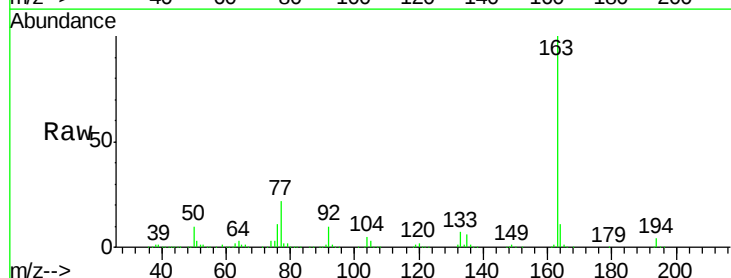
Tgt Ion:163 Resp: 1521823

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

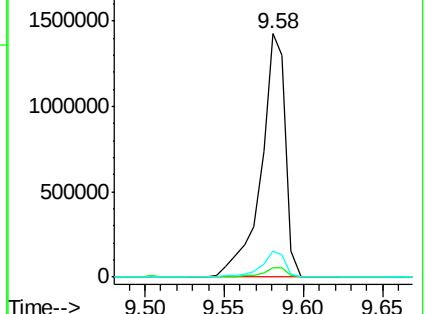
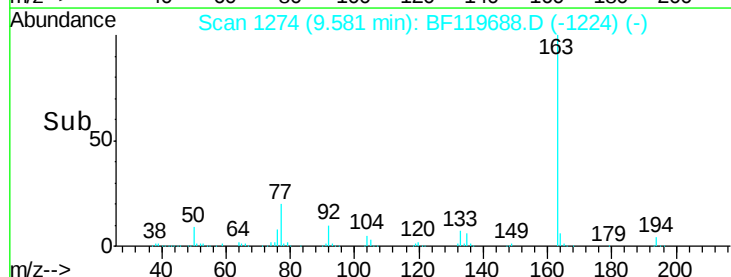
164 10.7 8.2 12.2

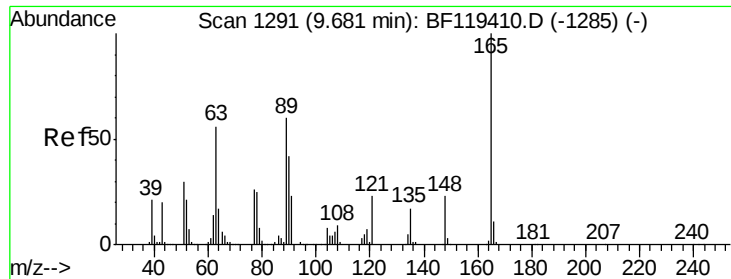


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.21 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

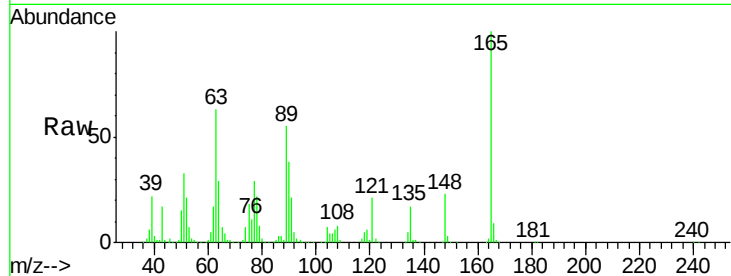
Tgt Ion:165 Resp: 350834

Ion Ratio Lower Upper

165 100

63 63.2 45.0 67.4

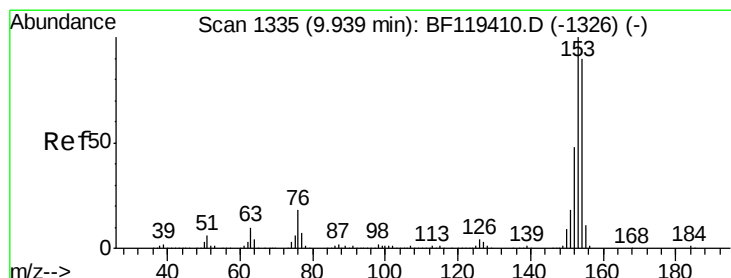
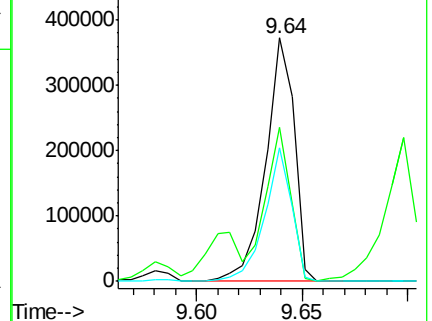
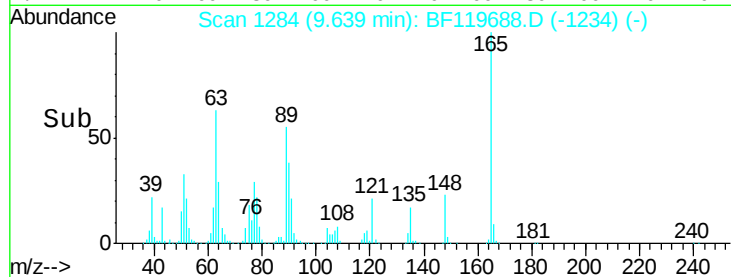
89 55.0 41.5 62.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.88 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

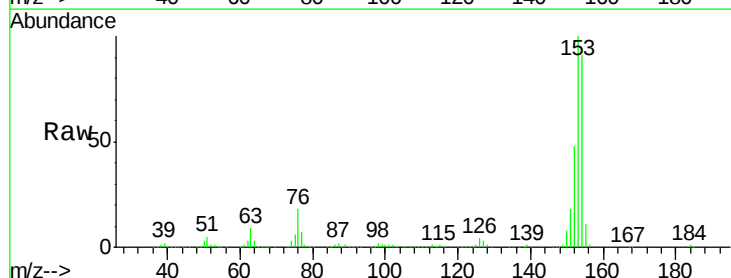
Tgt Ion:154 Resp: 1400064

Ion Ratio Lower Upper

154 100

153 109.5 88.1 132.1

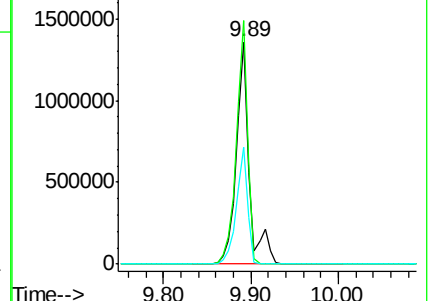
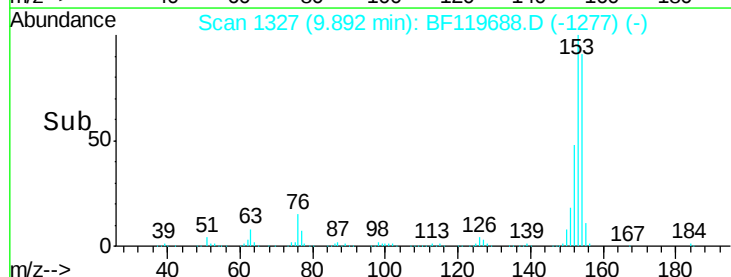
152 52.7 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

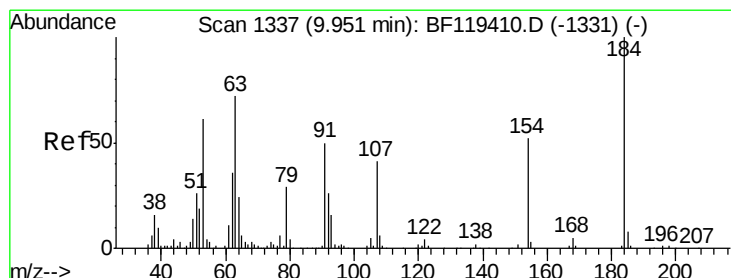
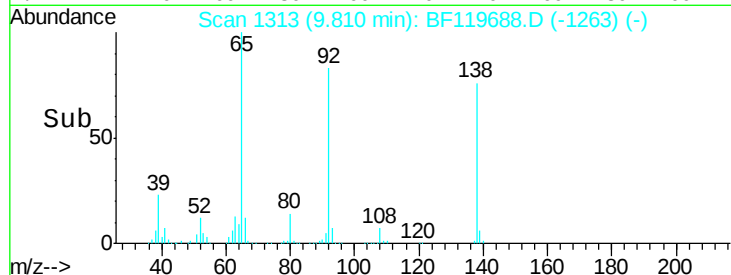
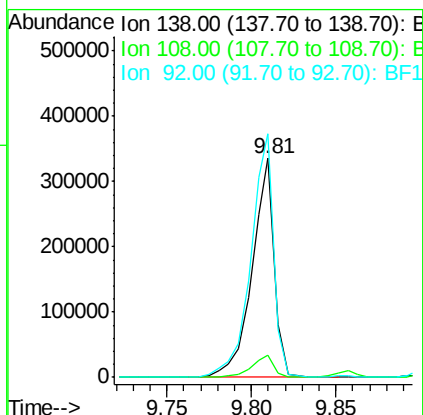
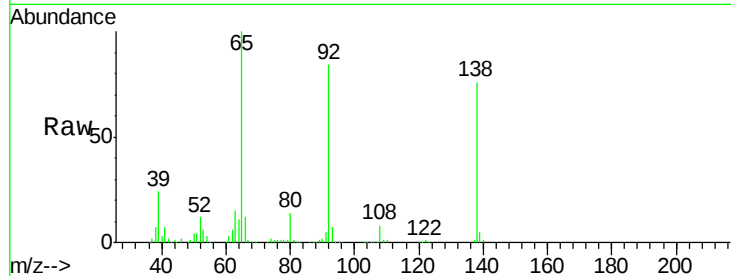




#53
 3-Nitroaniline
 Concen: 34.34 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

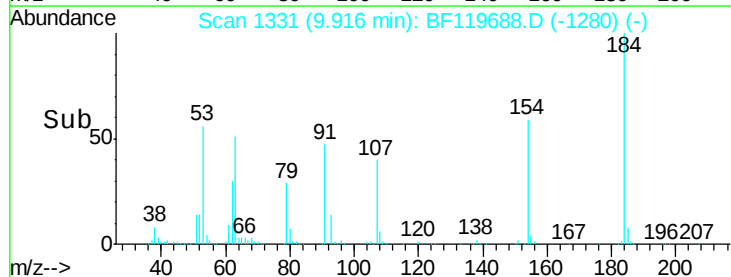
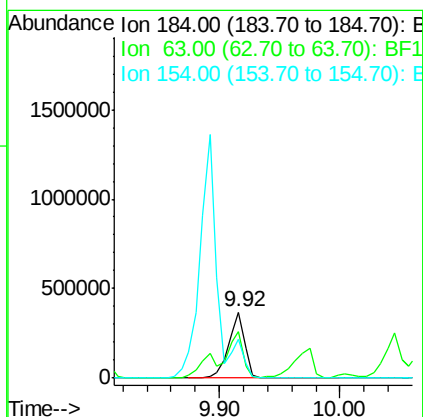
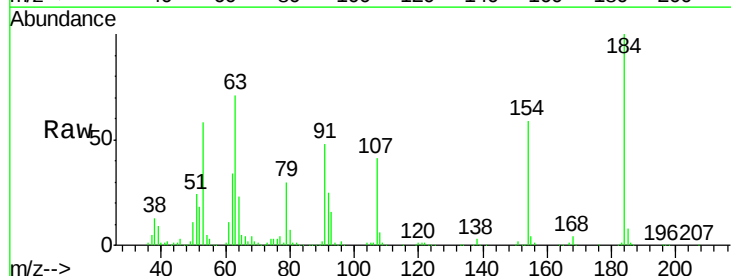
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

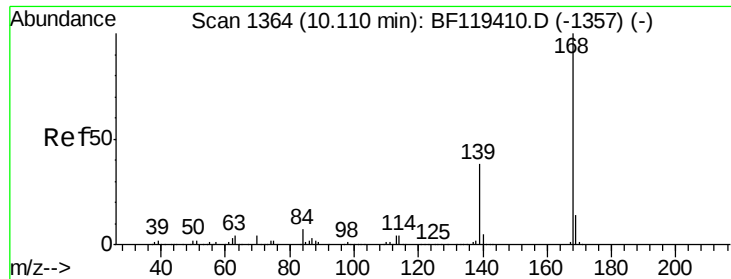
Tgt Ion:138 Resp: 309040
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.6 13.0
 92 111.1 95.4 143.0



#54
 2,4-Dinitrophenol
 Concen: 108.17 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:184 Resp: 342365
 Ion Ratio Lower Upper
 184 100
 63 71.3 50.2 75.4
 154 58.9 44.5 66.7

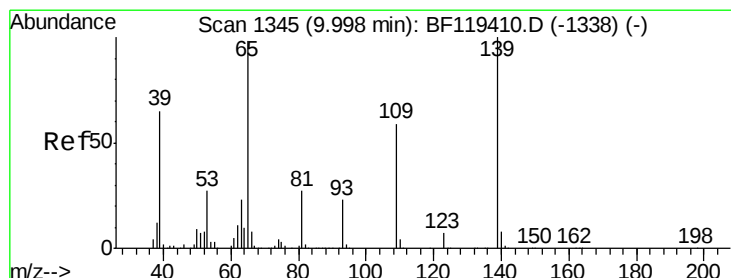
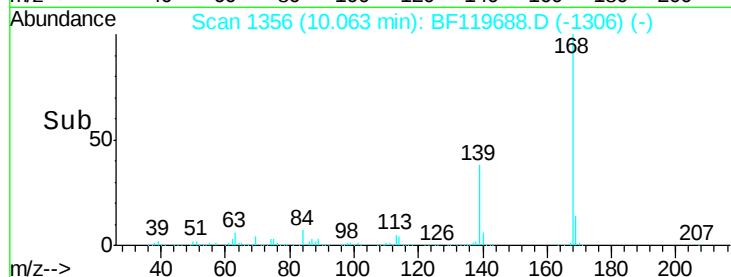
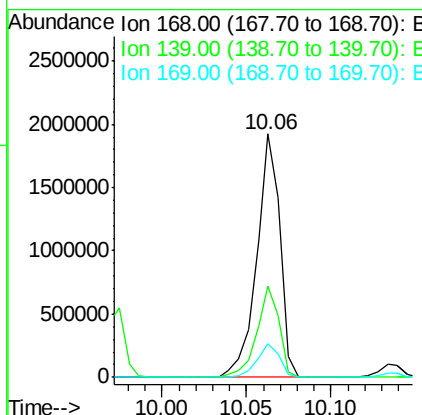
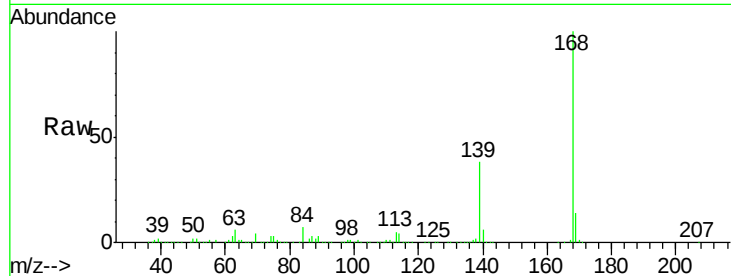




#55
Dibenzofuran
Concen: 43.53 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

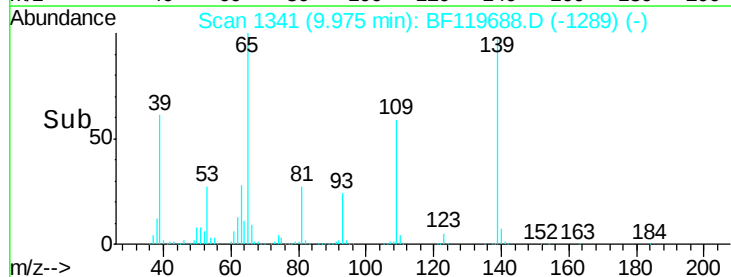
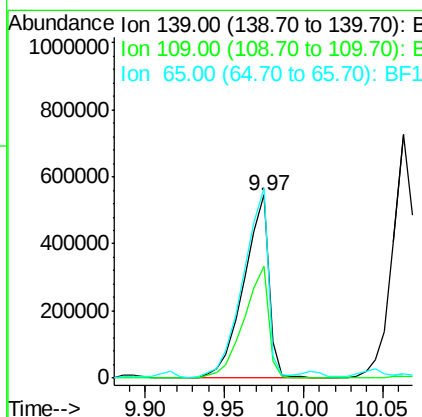
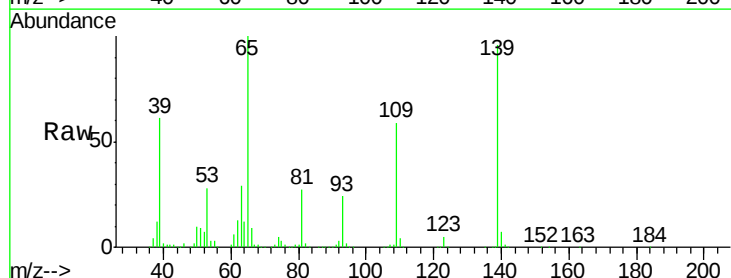
Instrument :
BNA_F
ClientSampleId :
PB127937BS

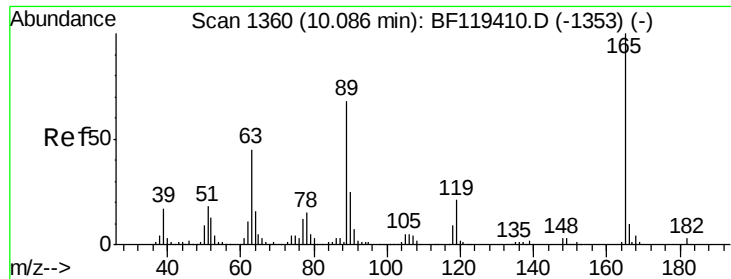
Tgt Ion:168 Resp: 1825031
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 84.34 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:139 Resp: 598782
Ion Ratio Lower Upper
139 100
109 61.4 43.3 83.3
65 103.7 91.0 131.0

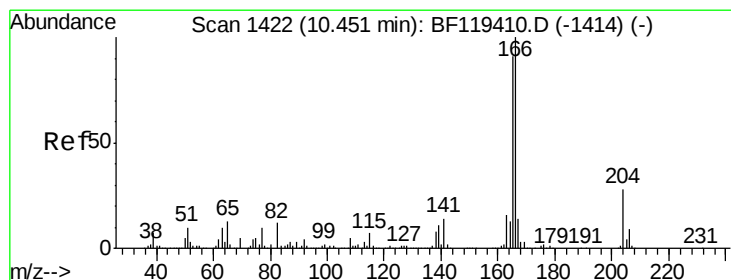
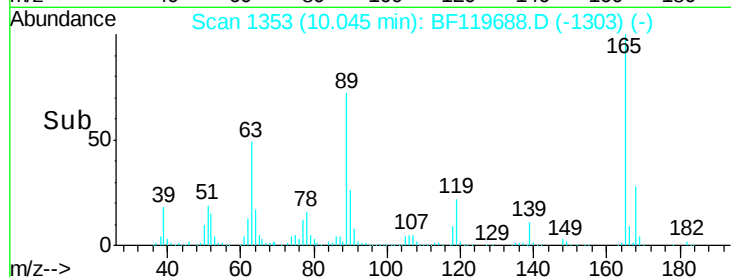
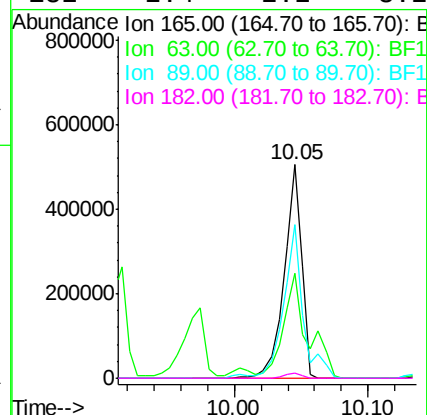
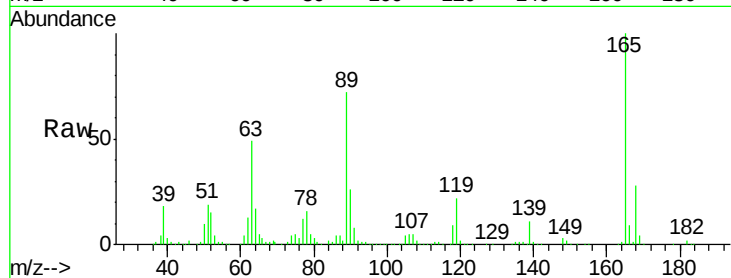




#57
2,4-Dinitrotoluene
Concen: 51.61 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

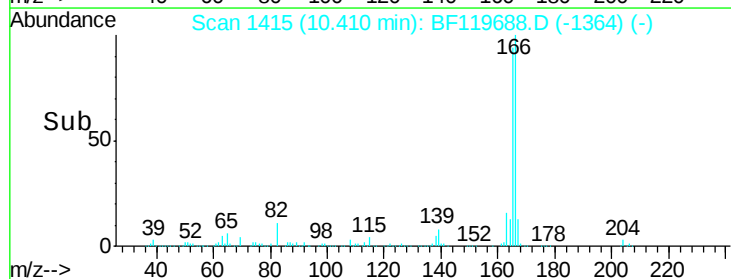
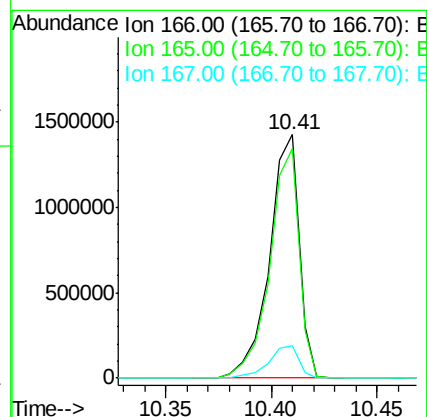
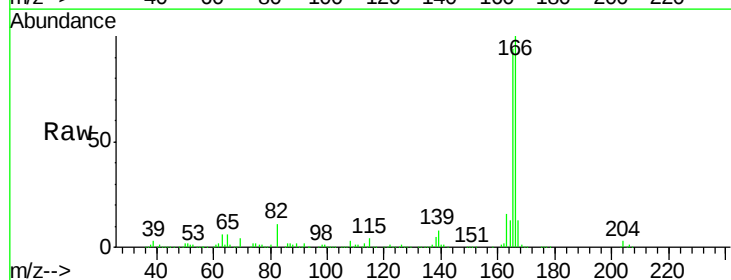
Instrument :
BNA_F
ClientSampleId :
PB127937BS

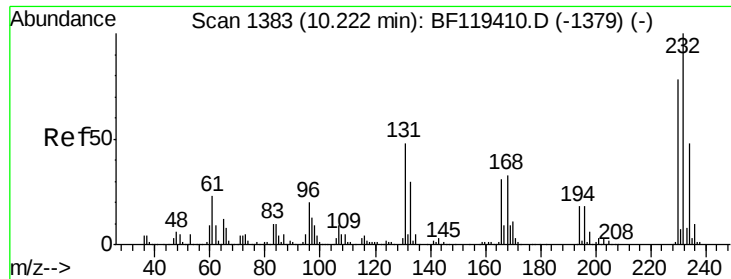
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.3	42.6	64.0
89	71.9	61.0	91.4
182	2.4	2.2	3.2



#58
Fluorene
Concen: 45.06 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.4	113.2
167	13.2	11.2	16.8

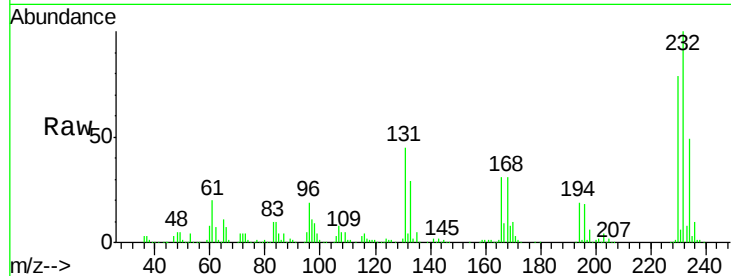




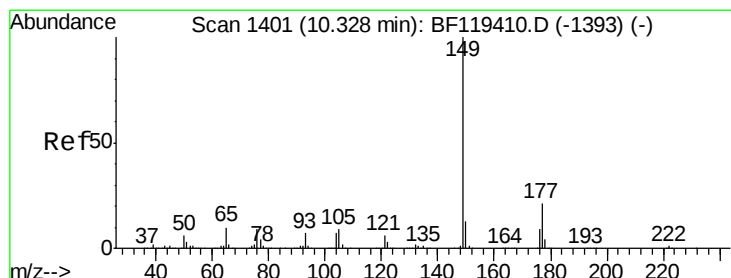
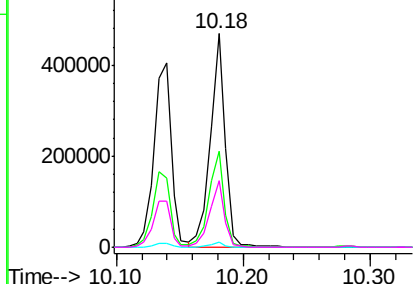
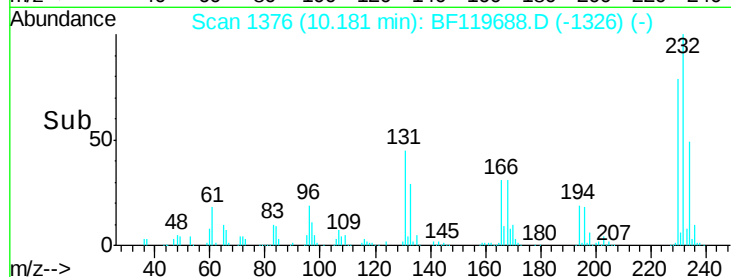
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.37 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

Tgt Ion: 232 Resp: 389543
 Ion Ratio Lower Upper
 232 100
 131 46.1 37.5 56.3
 130 2.2 1.8 2.6
 166 30.8 24.6 36.8

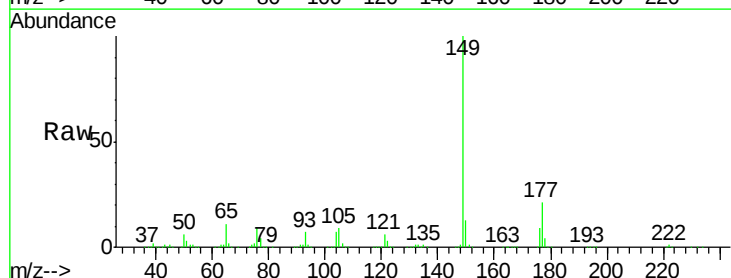


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

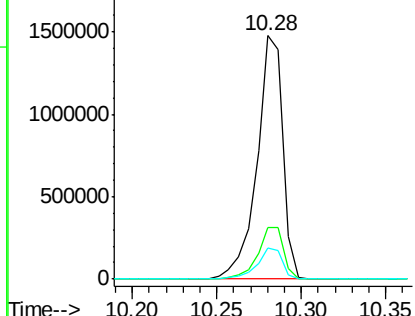
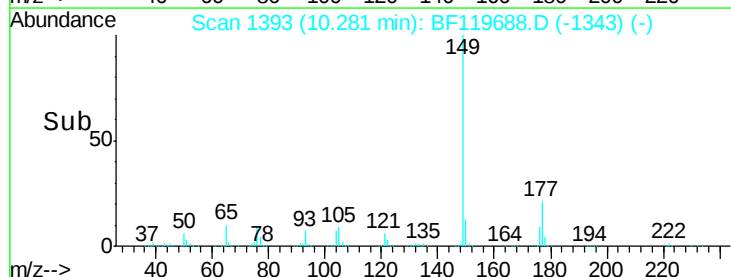


#60
 Diethylphthalate
 Concen: 46.34 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 149 Resp: 1564053
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.0 25.6
 150 12.9 10.1 15.1



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

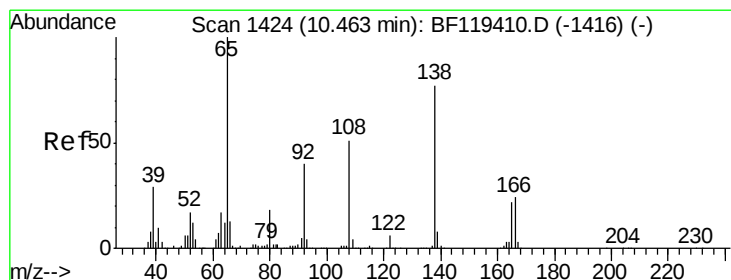
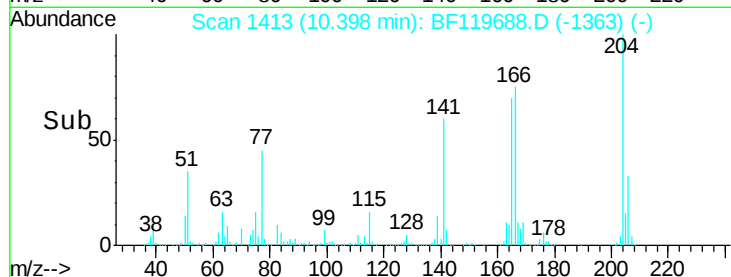
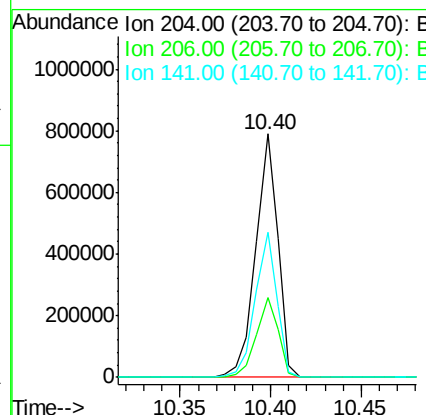
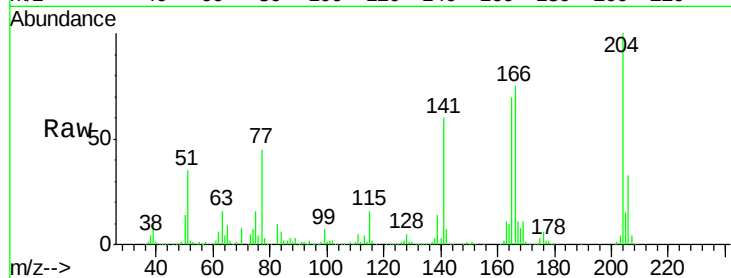




#61
 4-Chlorophenyl-phenylether
 Concen: 44.21 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

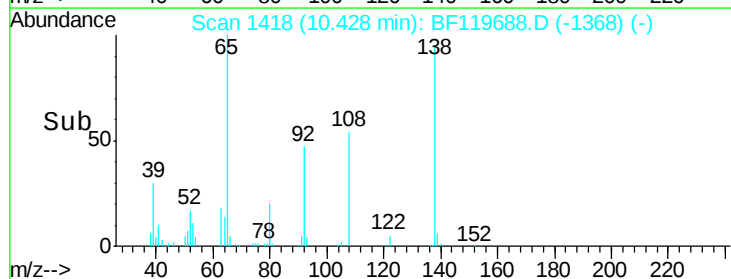
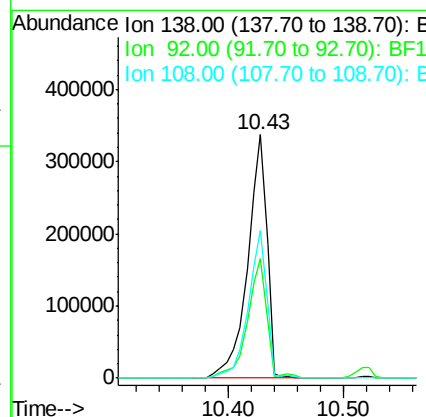
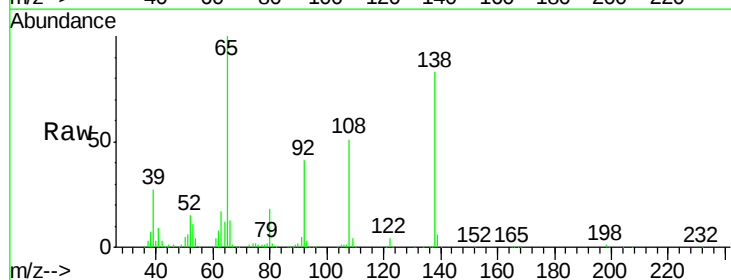
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

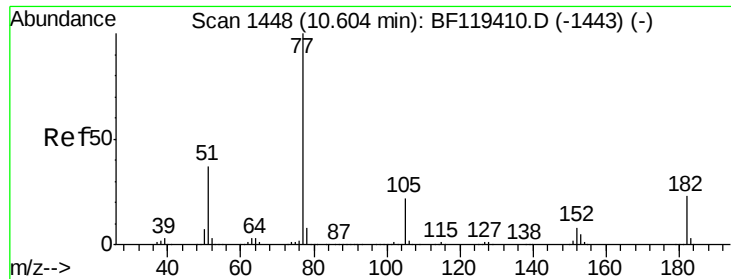
Tgt Ion: 204 Resp: 670250
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.7 40.1
 141 59.5 47.3 70.9



#62
 4-Nitroaniline
 Concen: 44.95 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 138 Resp: 387912
 Ion Ratio Lower Upper
 138 100
 92 49.0 31.5 71.5
 108 60.7 45.8 85.8





#63

Azobenzene

Concen: 43.92 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

Tgt Ion: 77 Resp: 1492915

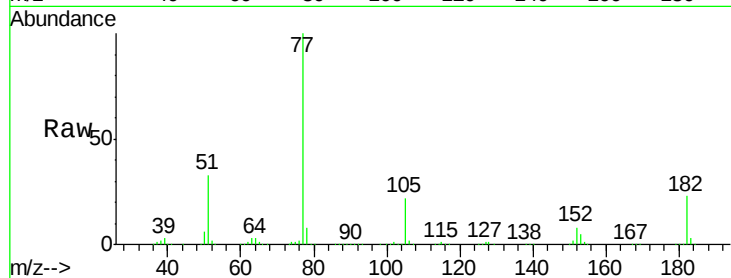
Ion Ratio Lower Upper

77 100

182 23.0 4.4 44.4

105 22.1 2.6 42.6

51 33.3 15.1 55.1

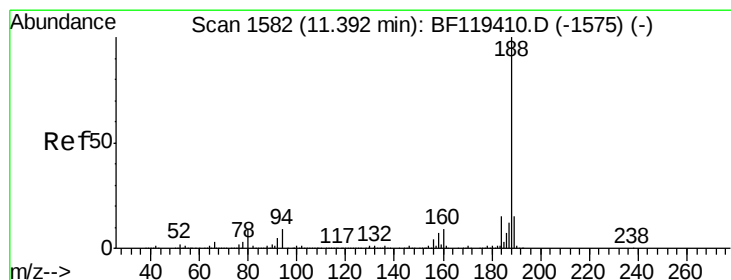
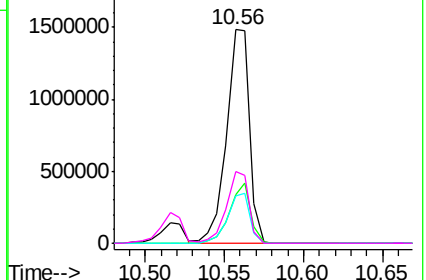
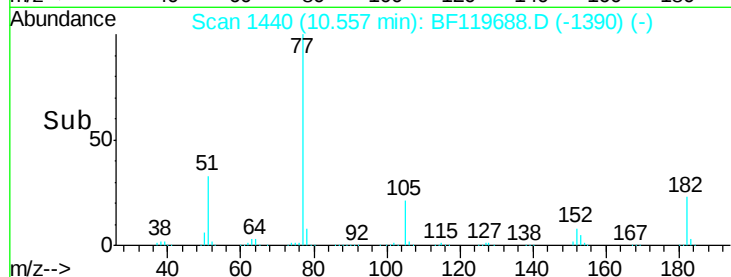


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

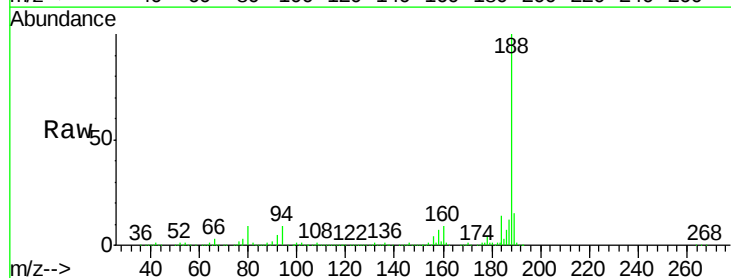
Tgt Ion: 188 Resp: 904528

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

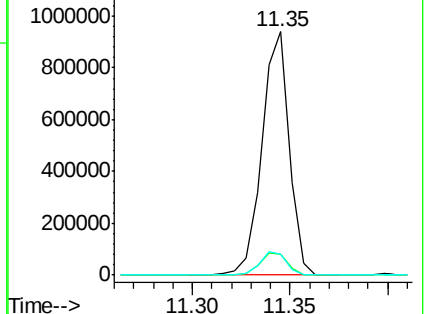
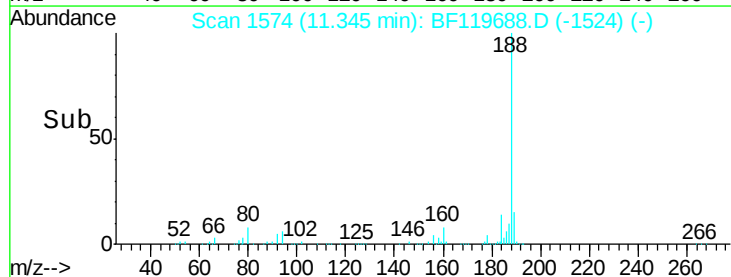
80 8.8 9.0 13.4#

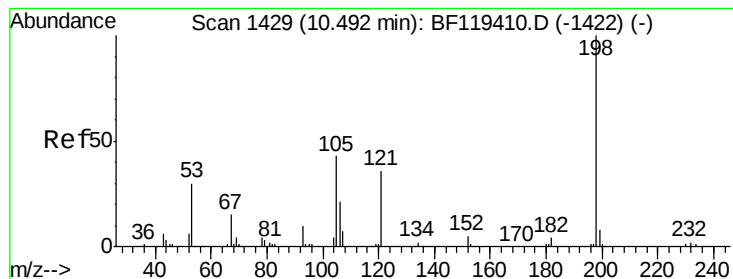


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 63.31 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

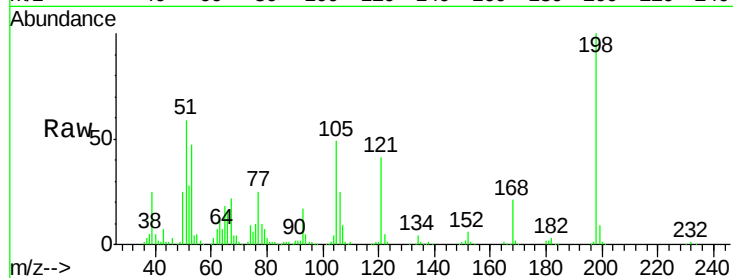
Tgt Ion:198 Resp: 240131

Ion Ratio Lower Upper

198 100

51 59.1 29.0 69.0

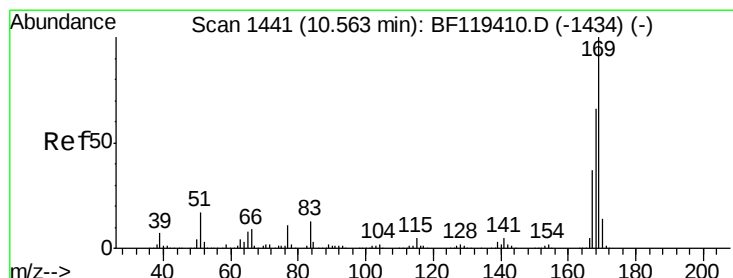
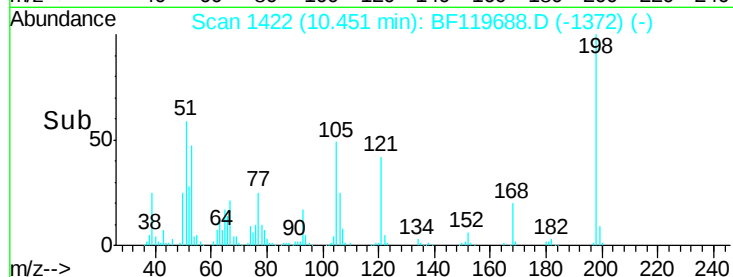
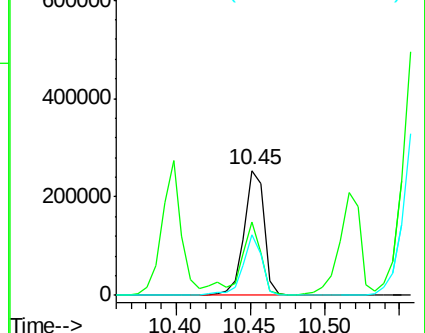
105 48.6 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.09 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

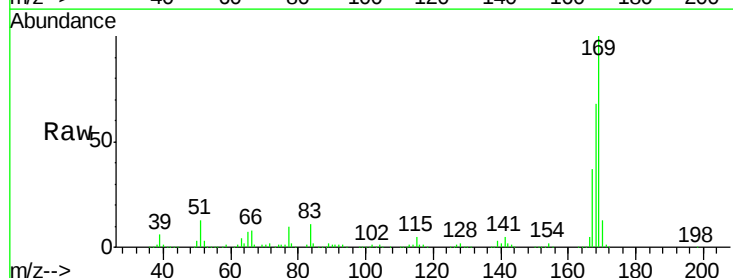
Tgt Ion:169 Resp: 1309295

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

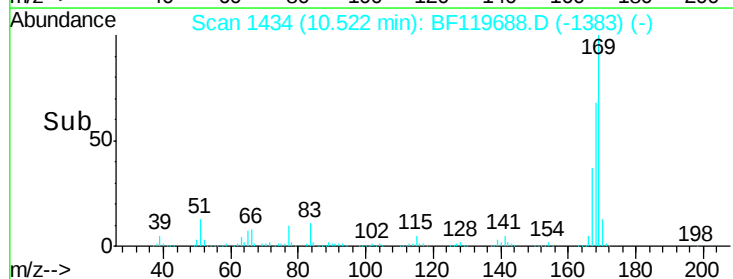
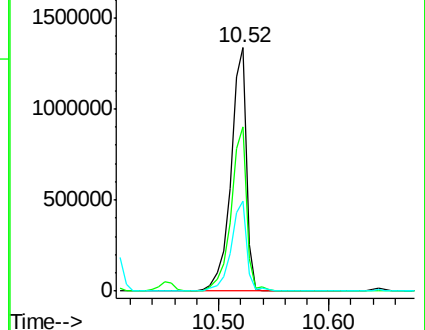
167 37.1 29.1 43.7

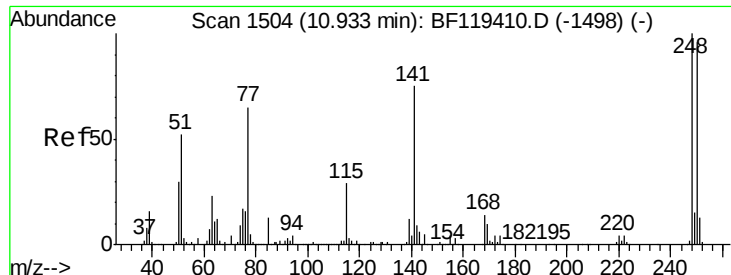


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

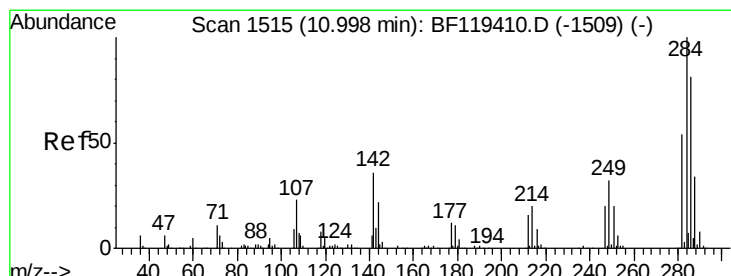
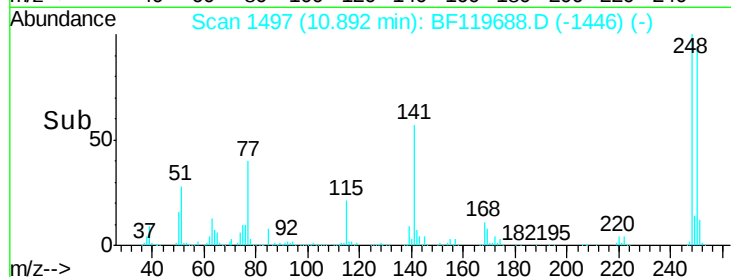
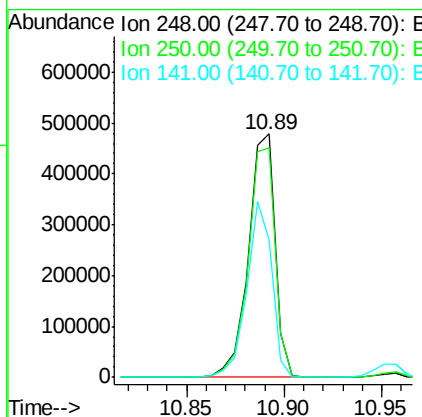
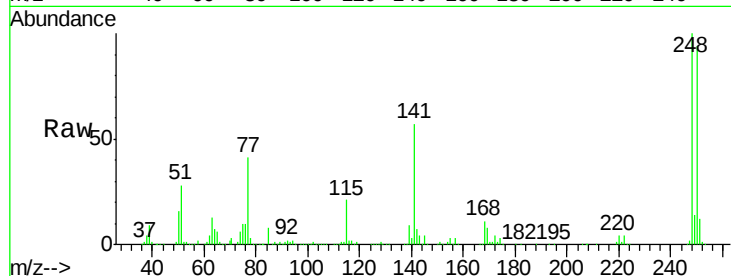




#67
 4-Bromophenyl-phenylether
 Concen: 43.99 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

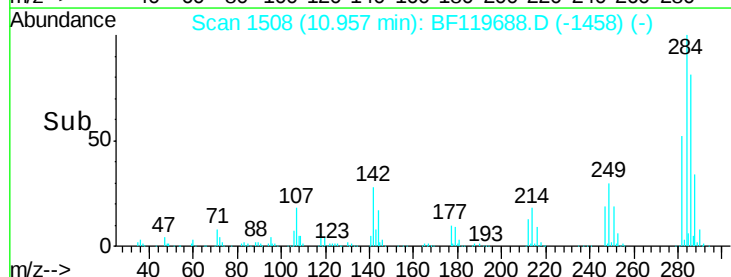
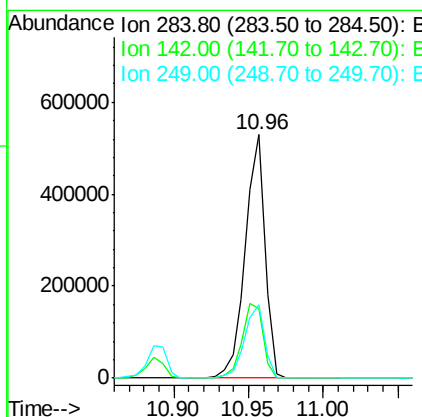
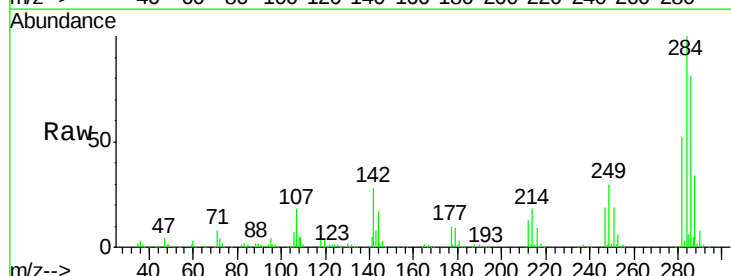
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

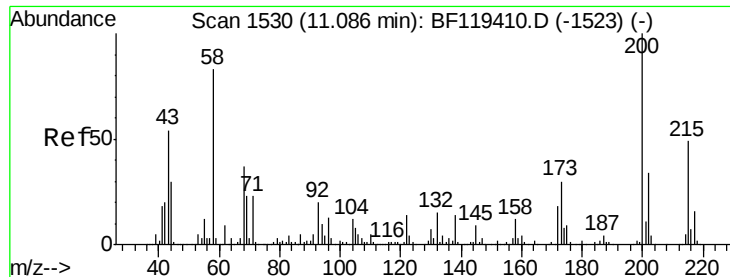
Tgt Ion: 248 Resp: 453190
 Ion Ratio Lower Upper
 248 100
 250 94.3 77.3 115.9
 141 56.7 58.6 87.8#



#68
 Hexachlorobenzene
 Concen: 46.01 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 284 Resp: 485100
 Ion Ratio Lower Upper
 284 100
 142 28.4 29.2 43.8#
 249 30.0 25.1 37.7





#69

Atrazine

Concen: 50.02 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

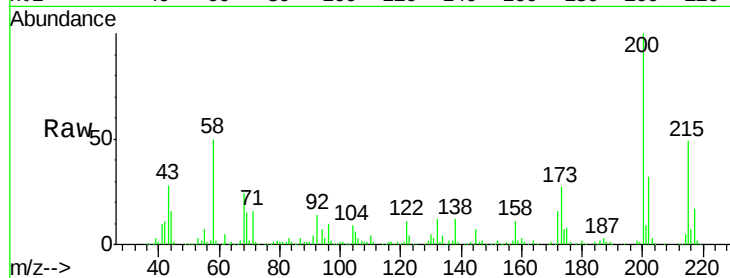
Tgt Ion:200 Resp: 407226

Ion Ratio Lower Upper

200 100

173 26.9 9.3 49.3

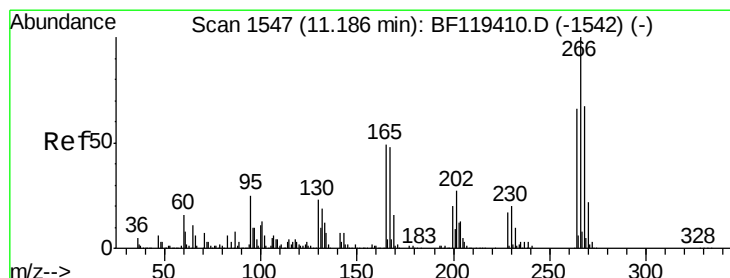
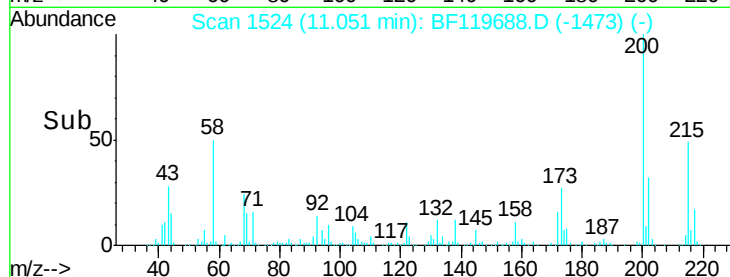
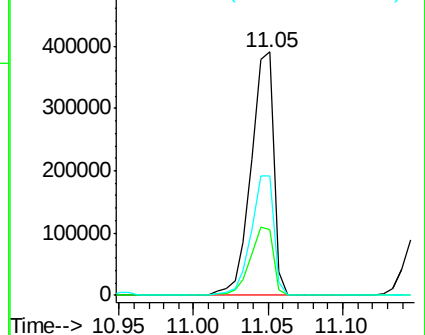
215 49.3 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.12 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

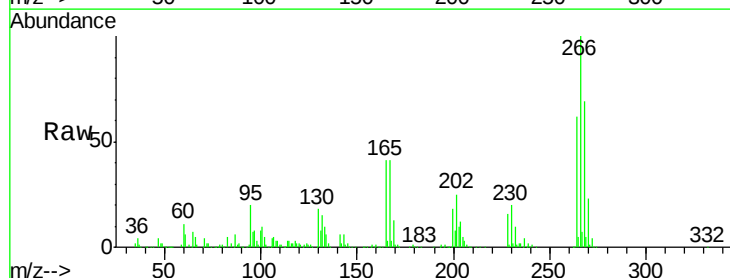
Tgt Ion:266 Resp: 526246

Ion Ratio Lower Upper

266 100

268 68.8 53.3 79.9

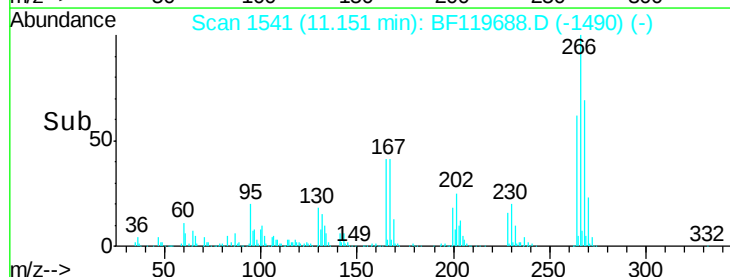
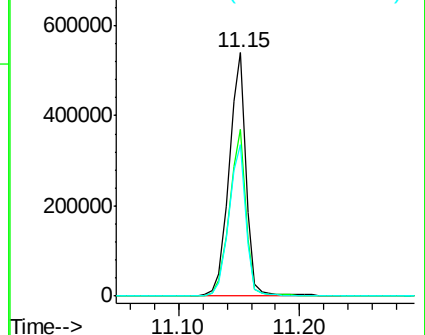
264 62.1 49.0 73.4

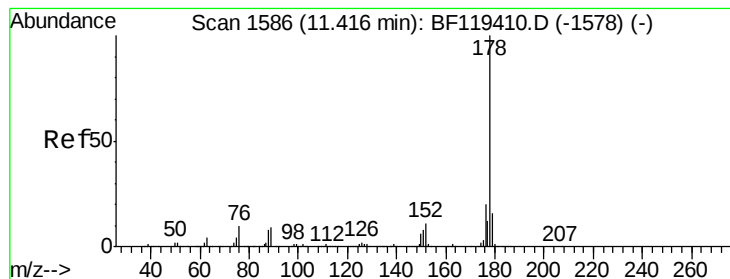


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.83 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

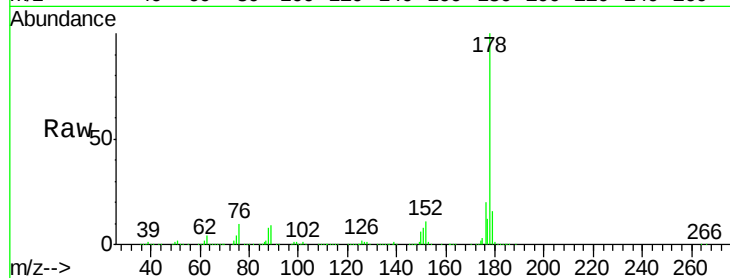
Tgt Ion:178 Resp: 2055603

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

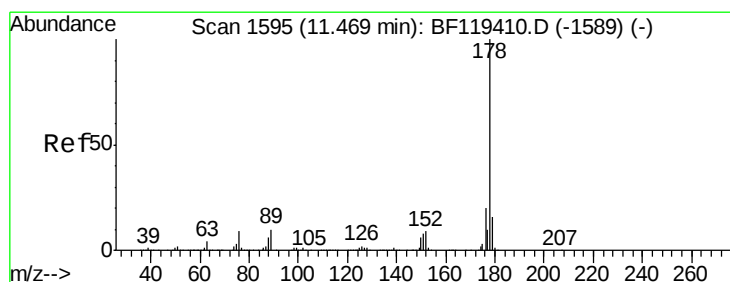
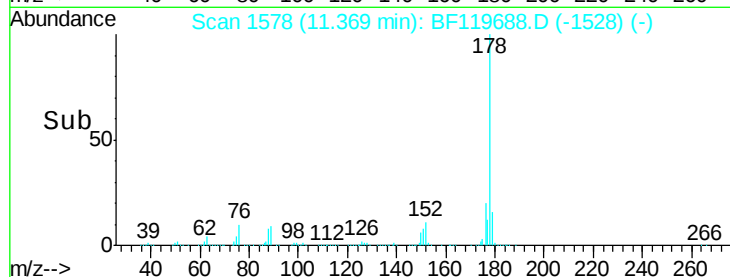
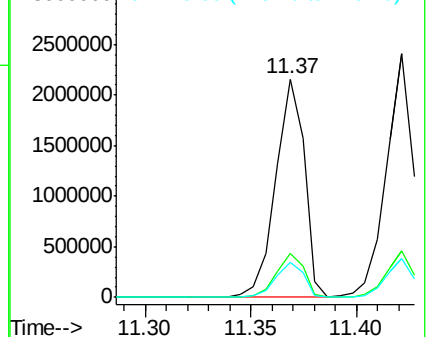
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.36 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

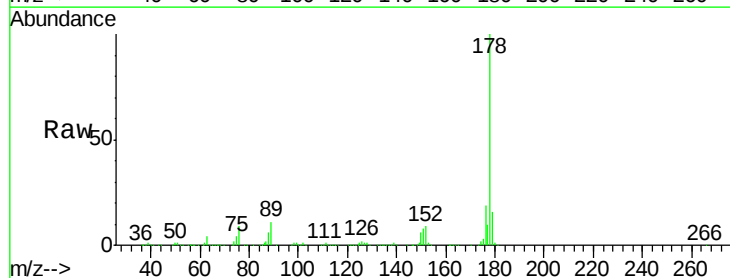
Tgt Ion:178 Resp: 2114347

Ion Ratio Lower Upper

178 100

176 19.3 16.1 24.1

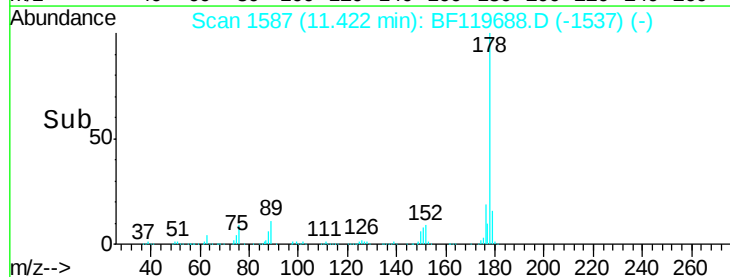
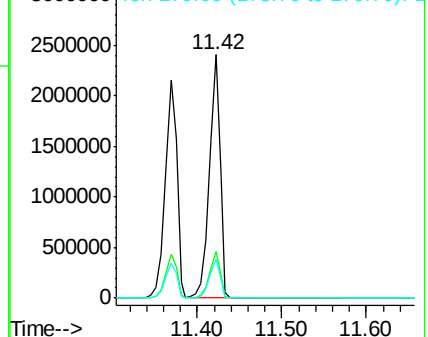
179 16.0 13.0 19.4

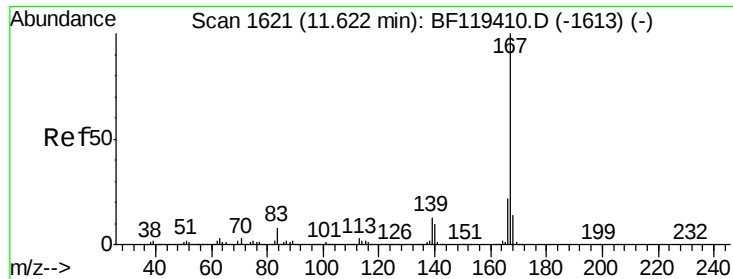


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

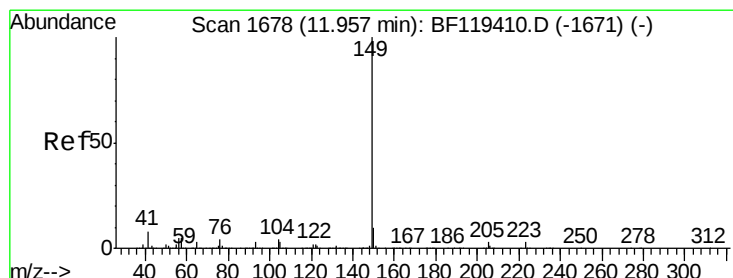
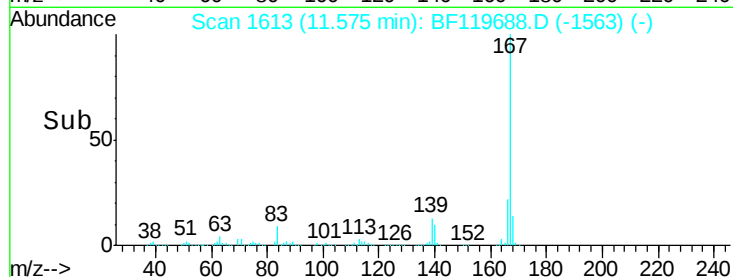
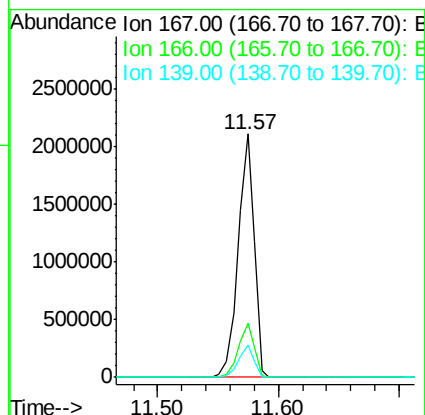
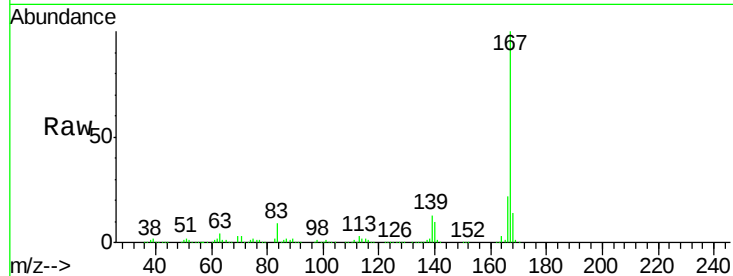




#73
 Carbazole
 Concen: 41.59 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

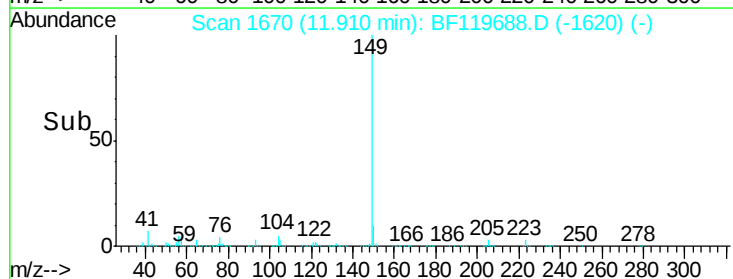
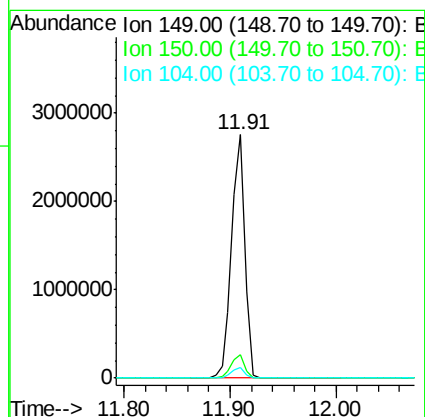
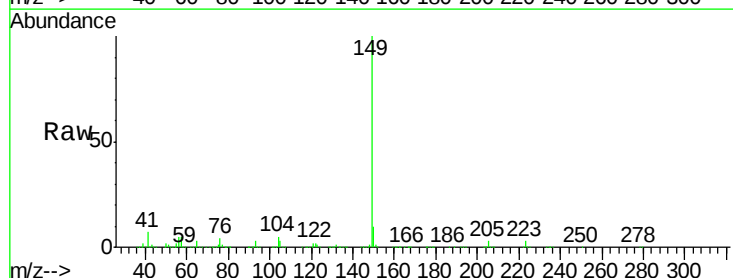
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

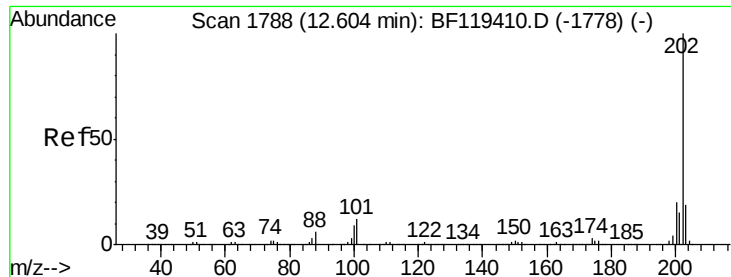
Tgt Ion:167 Resp: 1962453
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 47.46 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion:149 Resp: 2395450
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.6 3.6 5.4

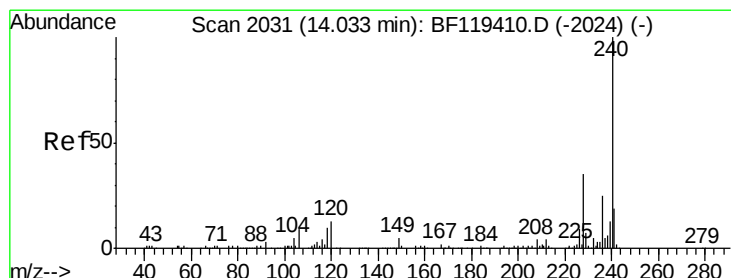
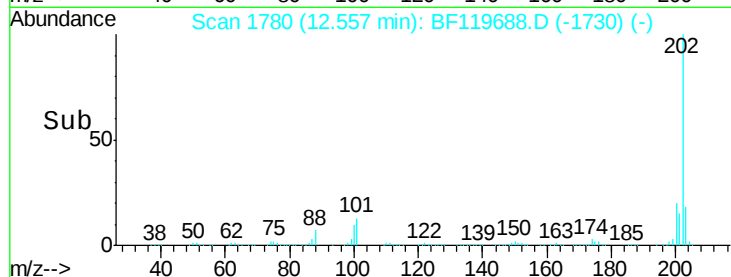
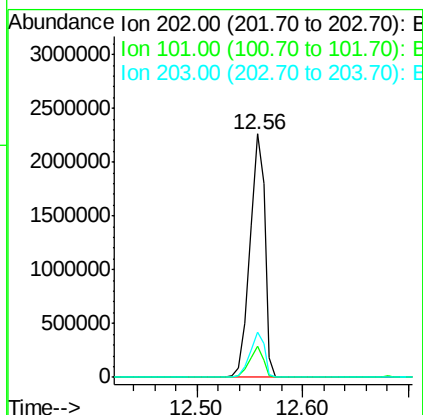
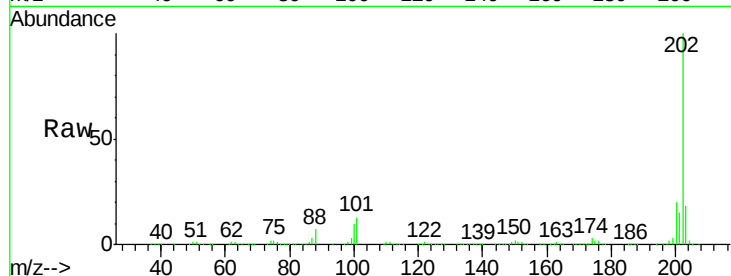




#75
 Fluoranthene
 Concen: 43.80 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

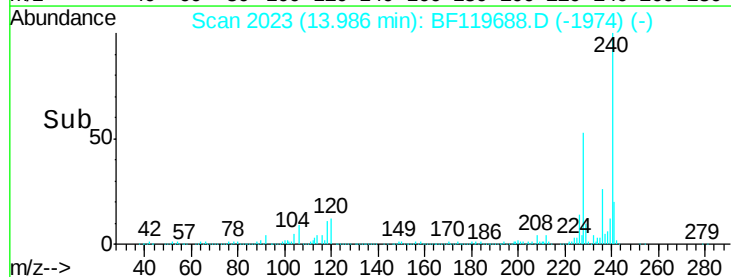
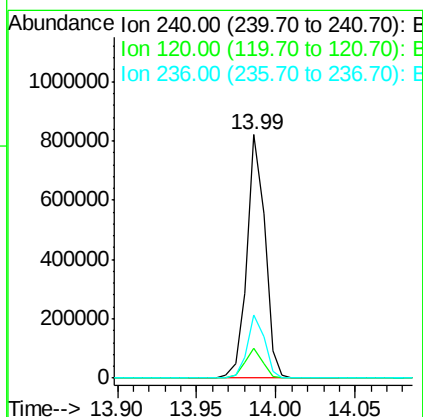
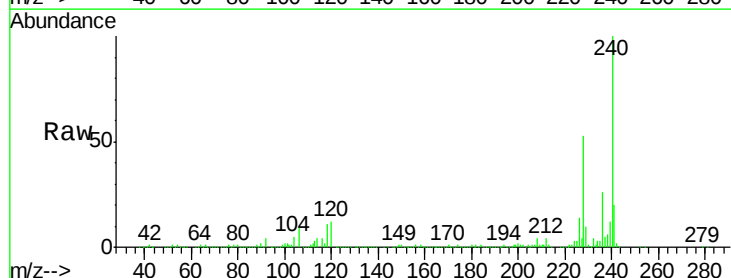
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

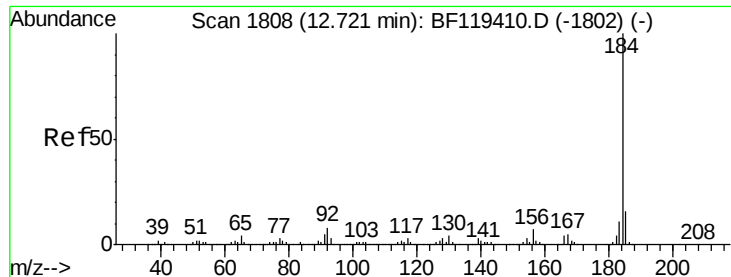
Tgt Ion: 202 Resp: 2223022
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 32.2
 203 18.4 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 240 Resp: 645385
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.6 15.8
 236 26.1 20.2 30.2





#77

Benzidine

Concen: 55.31 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

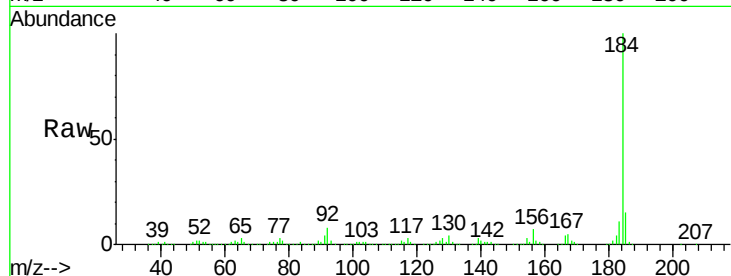
Tgt Ion:184 Resp: 1510546

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

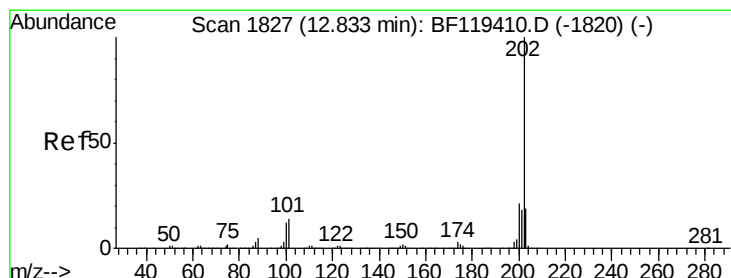
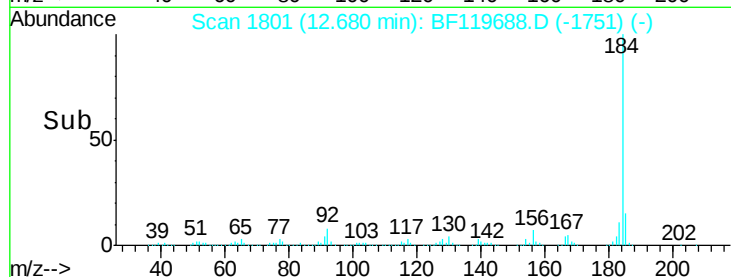
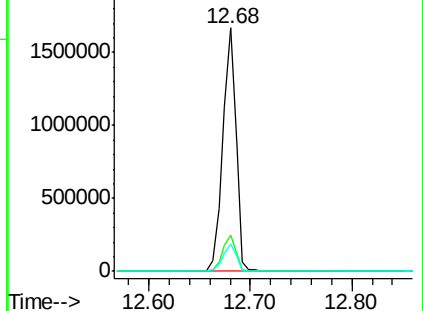
183 11.2 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.57 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

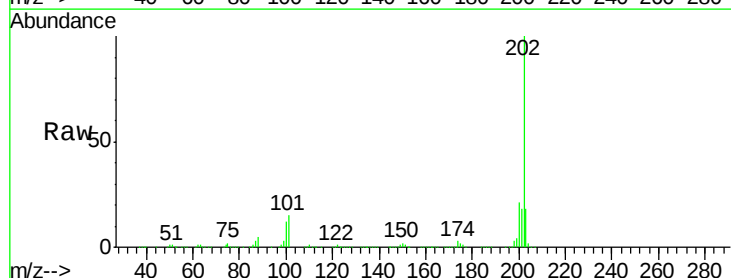
Tgt Ion:202 Resp: 2254529

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

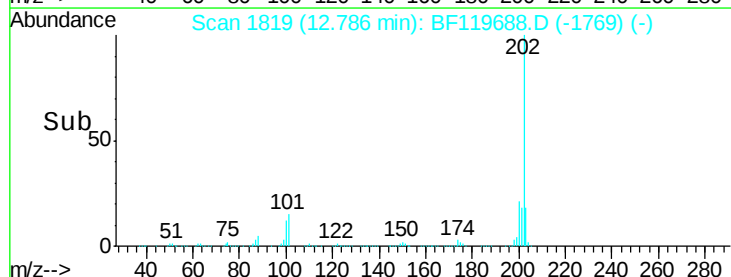
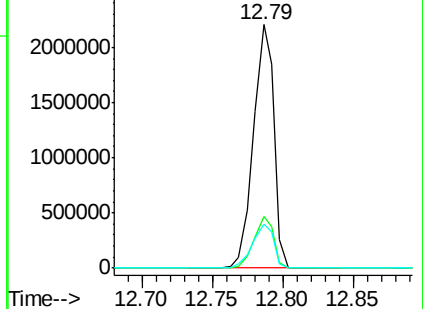
203 18.2 15.1 22.7

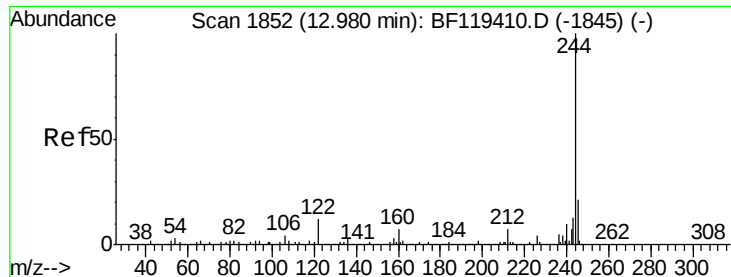


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.86 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

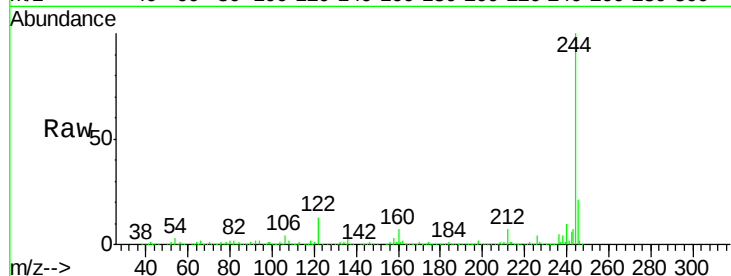
Tgt Ion:244 Resp: 2861252

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

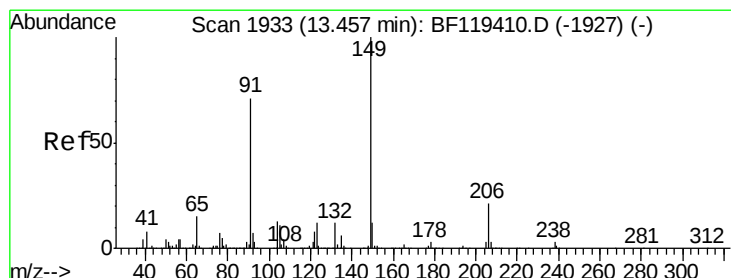
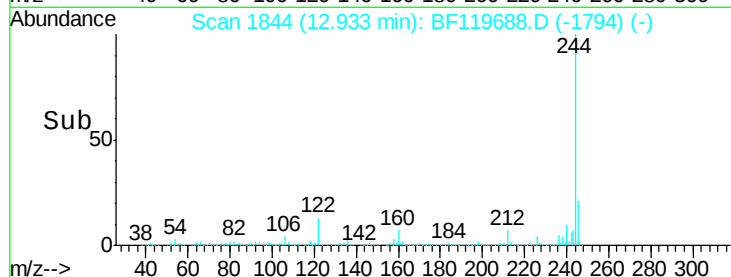
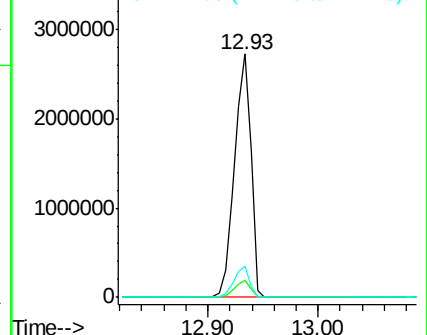
122 13.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.26 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

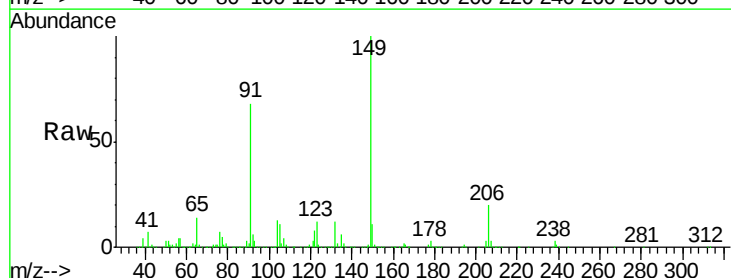
Tgt Ion:149 Resp: 1012397

Ion Ratio Lower Upper

149 100

91 68.1 54.7 82.1

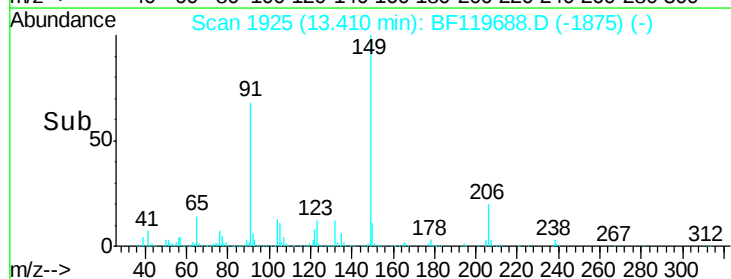
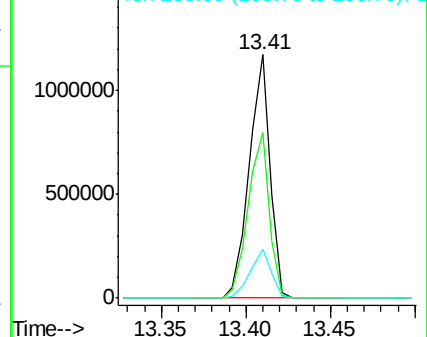
206 20.2 16.2 24.2

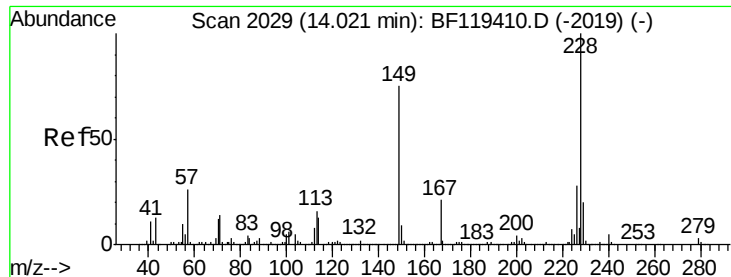


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

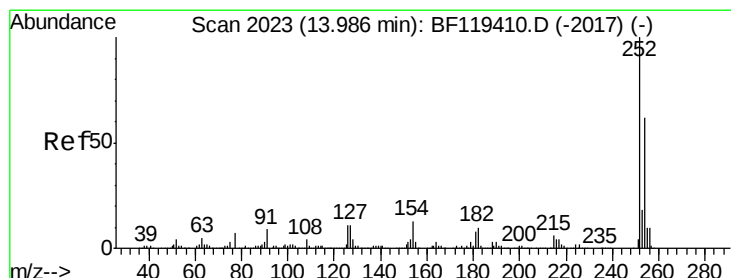
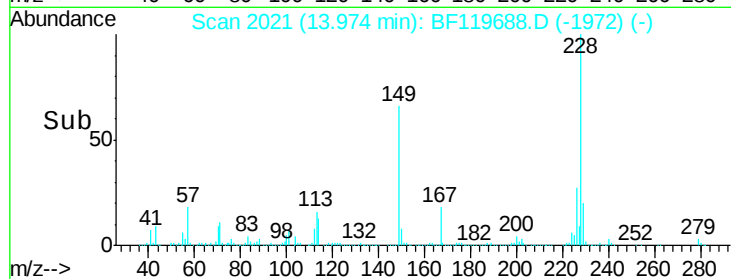
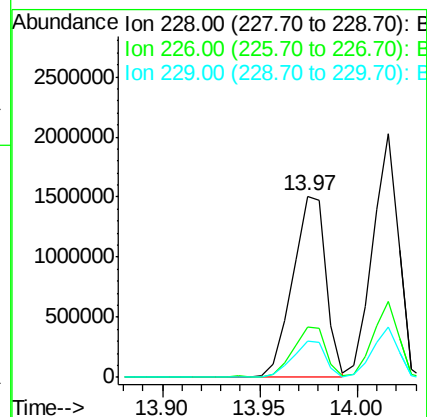
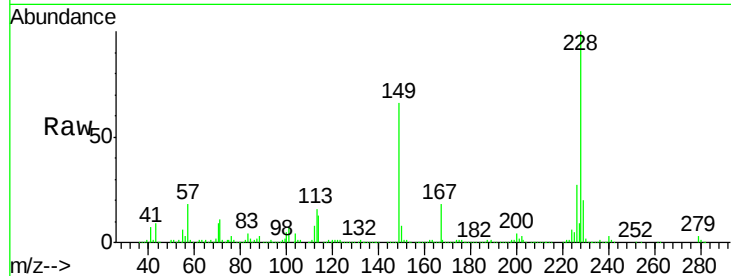




#81
Benzo(a)anthracene
Concen: 42.28 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

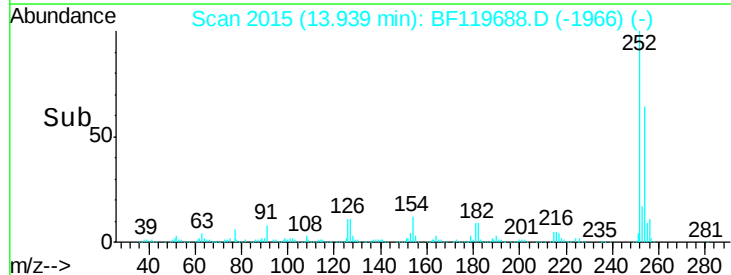
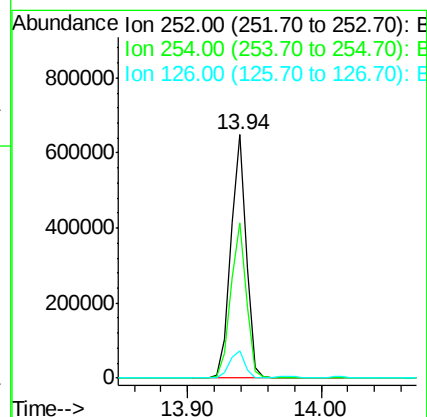
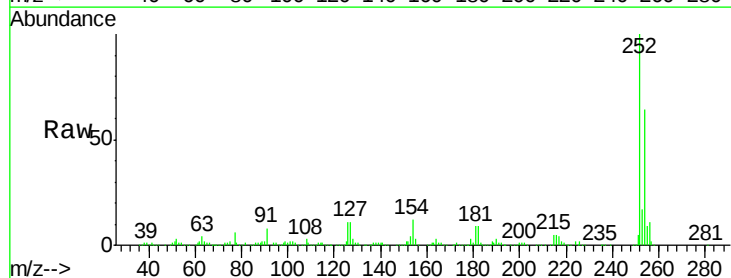
Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tgt Ion:228 Resp: 1774446
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 32.15 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:252 Resp: 532031
Ion Ratio Lower Upper
252 100
254 64.0 51.2 76.8
126 11.0 9.6 14.4





#83

Chrysene

Concen: 42.95 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

Instrument :

BNA_F

ClientSampleId :

PB127937BS

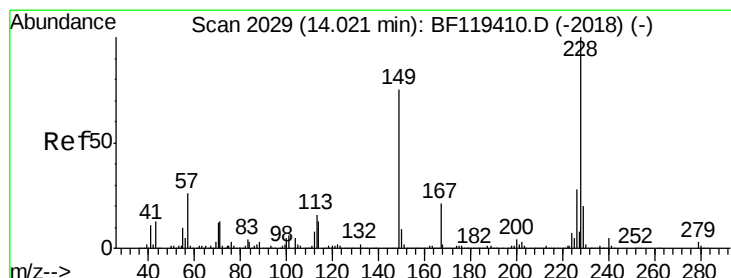
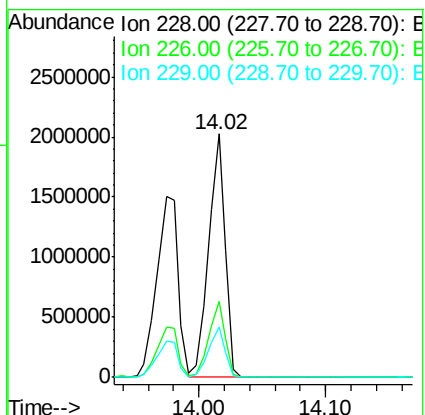
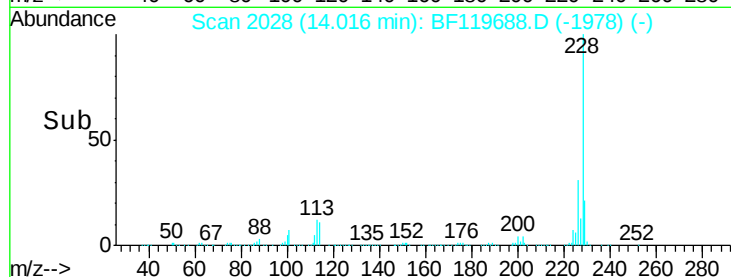
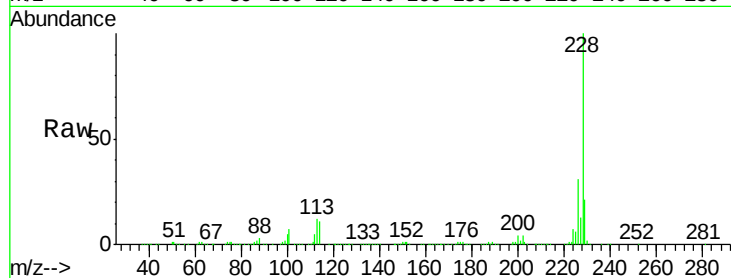
Tgt Ion:228 Resp: 1860199

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.0

229 20.6 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.31 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF119688.D

Acq: 2 Apr 2020 1:16

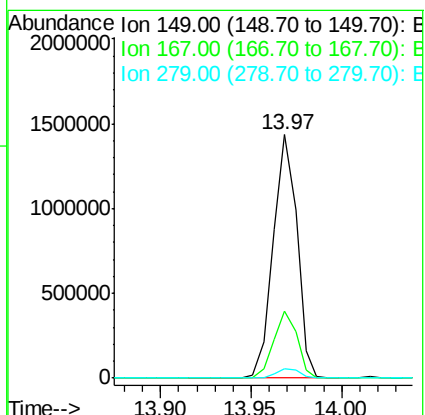
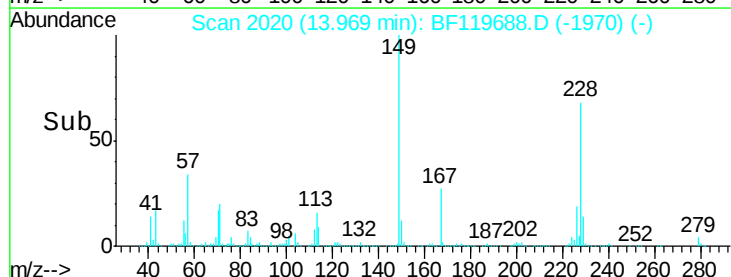
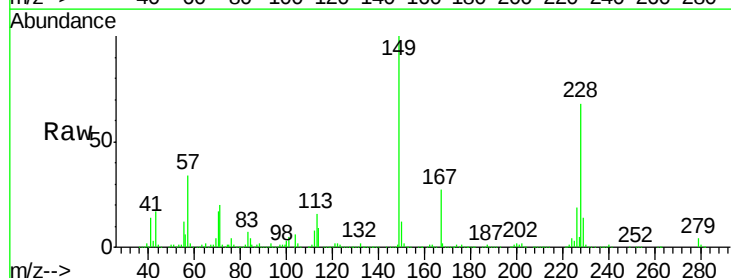
Tgt Ion:149 Resp: 1310334

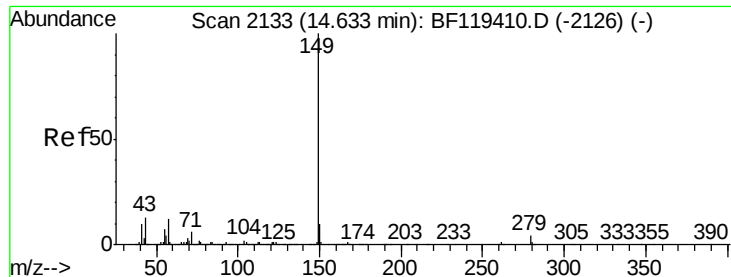
Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

279 3.6 2.7 4.1

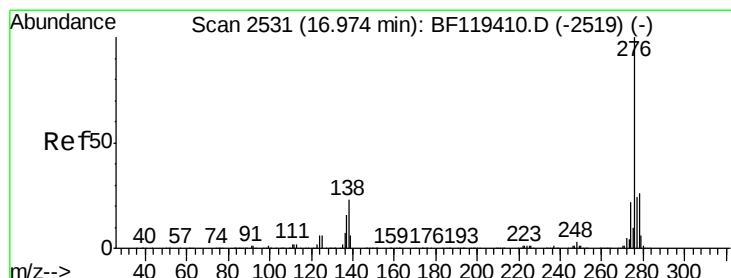
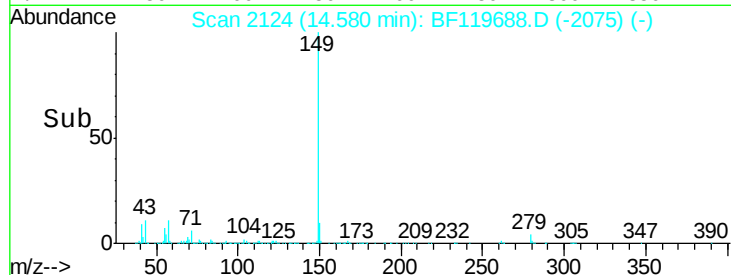
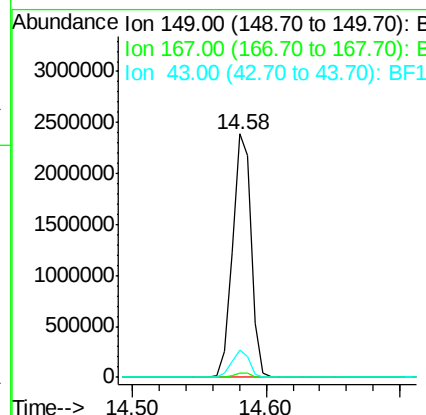
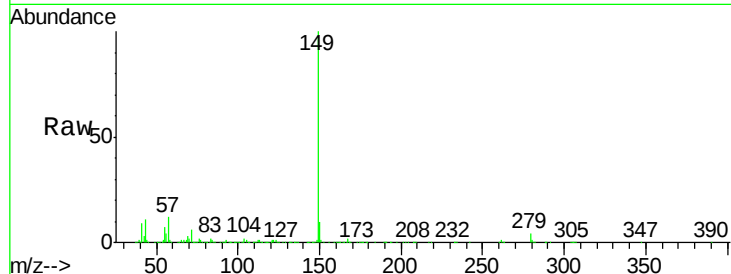




#85
Di-n-octyl phthalate
Concen: 52.37 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

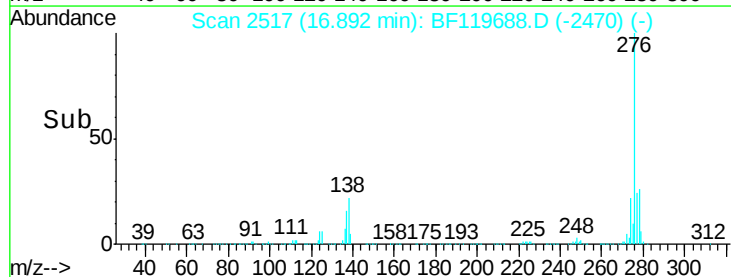
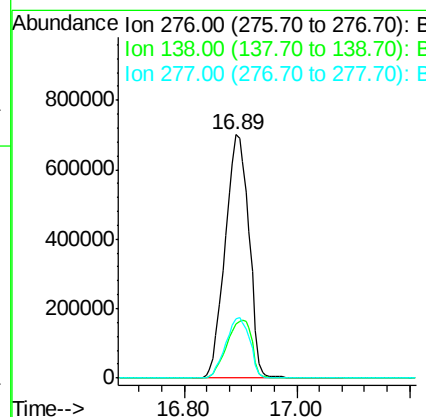
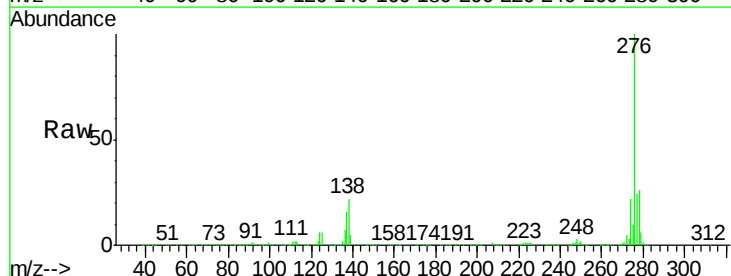
Instrument :
BNA_F
ClientSampleId :
PB127937BS

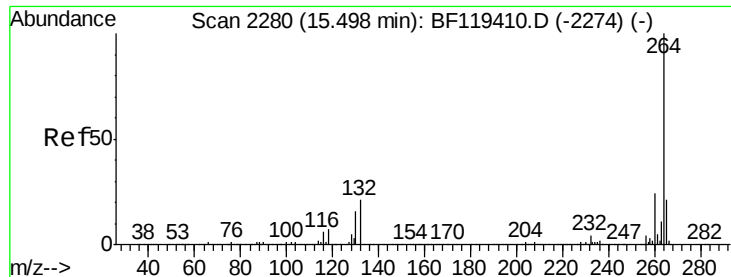
Tgt Ion:149 Resp: 2352099
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.45 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:276 Resp: 2058017
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
277 25.2 20.0 30.0

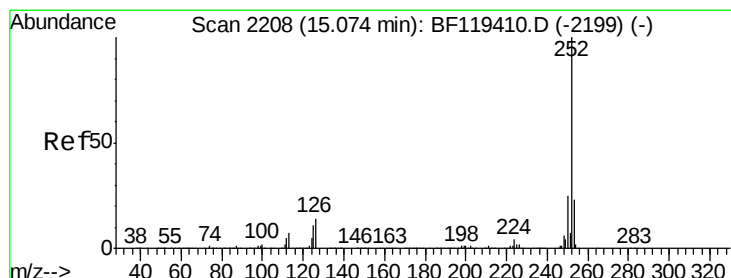
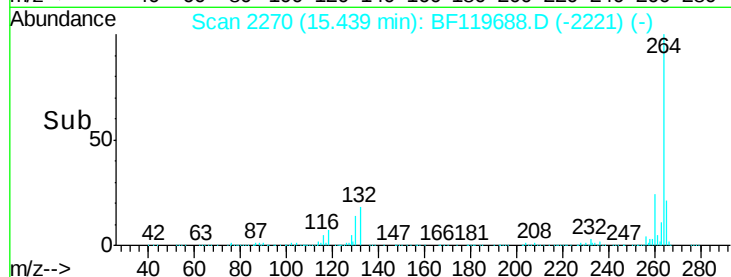
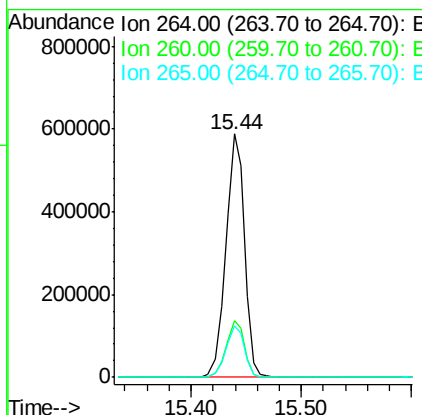
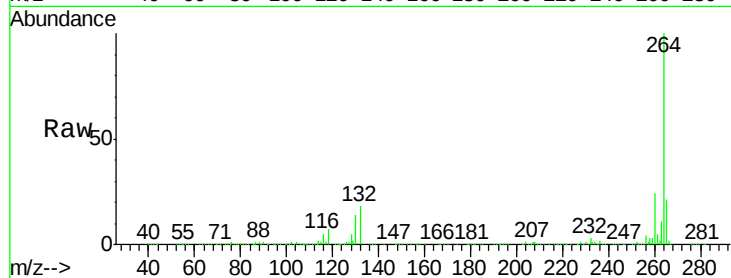




#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

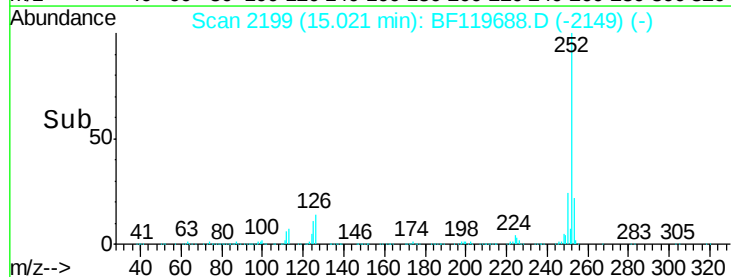
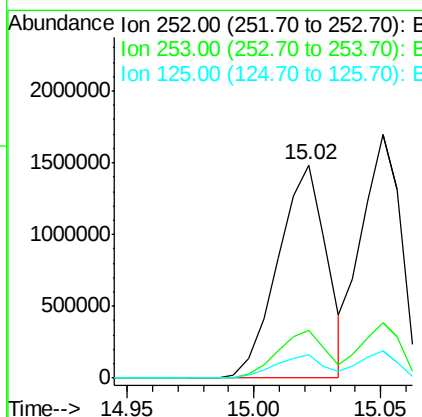
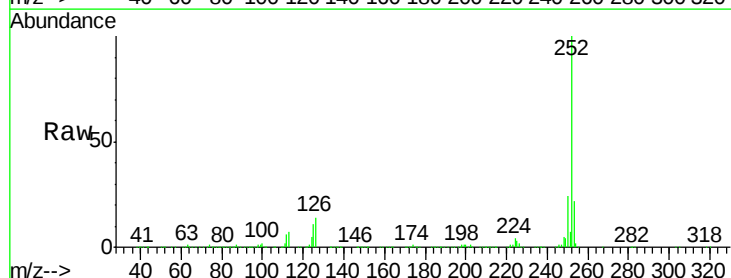
Instrument :
 BNA_F
 ClientSampleId :
 PB127937BS

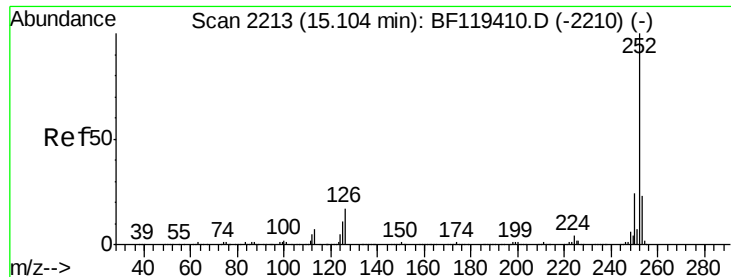
Tgt Ion: 264 Resp: 694473
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.1 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 42.71 ng
 RT: 15.02 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BF119688.D
 Acq: 2 Apr 2020 1:16

Tgt Ion: 252 Resp: 1981113
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.4 26.0
 125 10.8 7.9 11.9

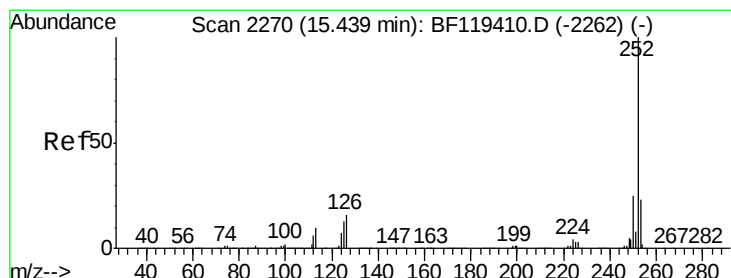
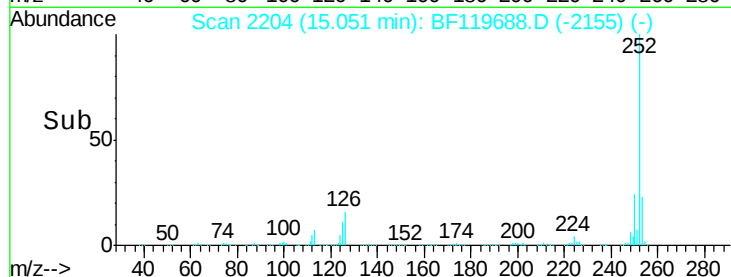
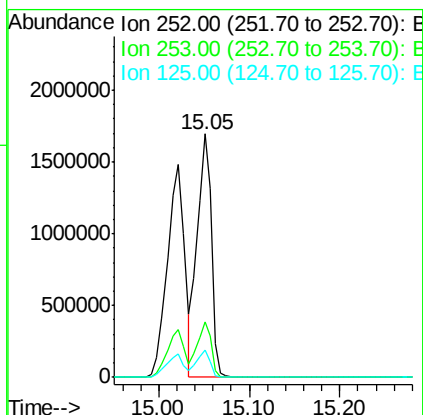
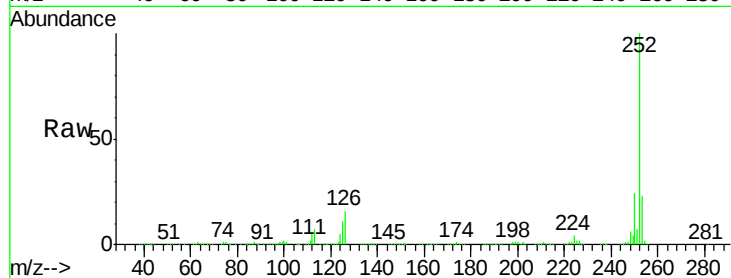




#89
Benzo(k)fluoranthene
Concen: 41.85 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

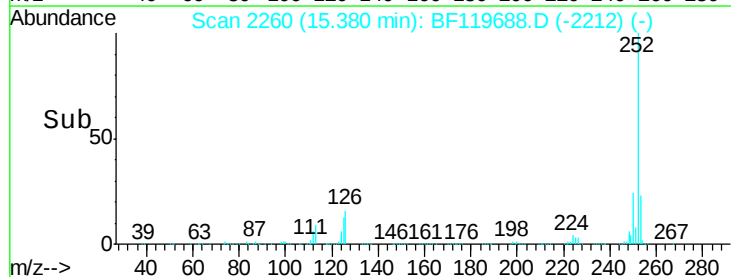
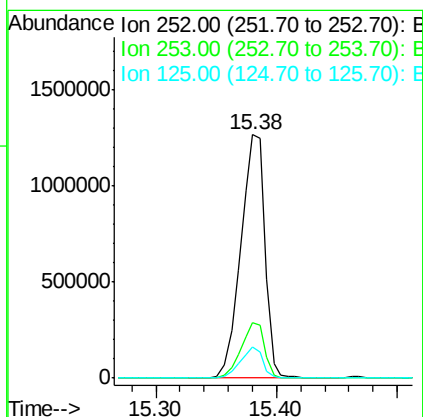
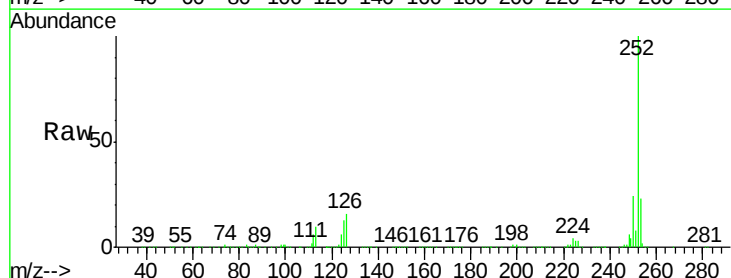
Instrument :
BNA_F
ClientSampleId :
PB127937BS

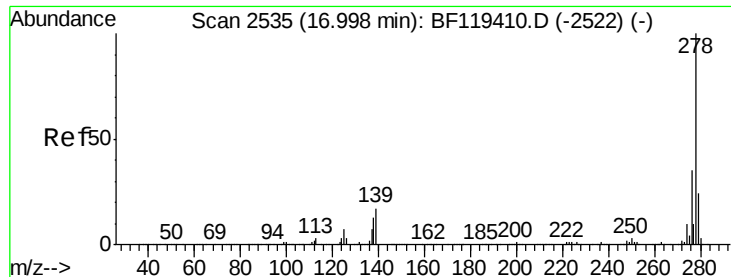
Tgt Ion:252 Resp: 1848861
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 11.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.05 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:252 Resp: 1772956
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 12.6 9.4 14.2



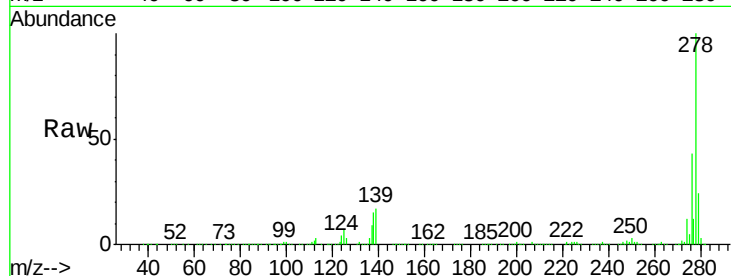


#91
Dibenzo(a,h)anthracene
Concen: 45.48 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

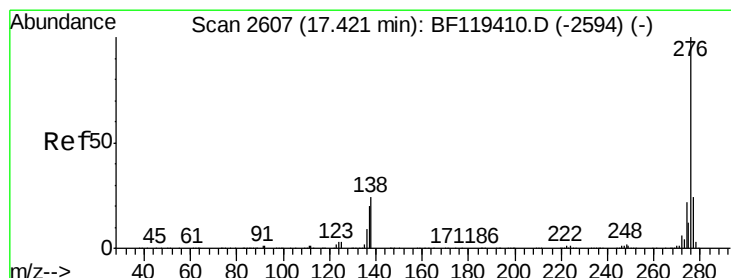
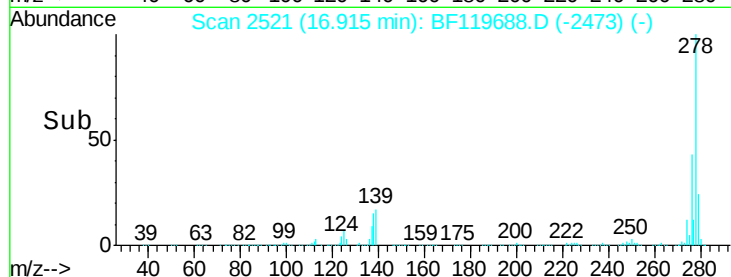
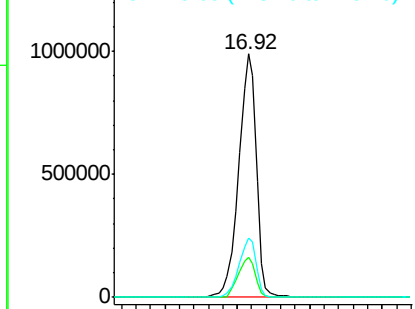
Instrument :
BNA_F
ClientSampleId :
PB127937BS

Tgt Ion:278 Resp: 1677005

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.6	19.0
279	24.2	19.0	28.6



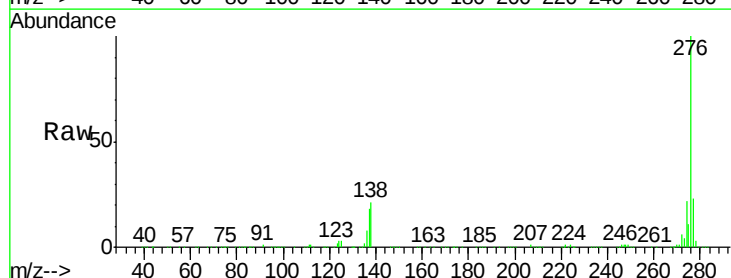
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.71 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF119688.D
Acq: 2 Apr 2020 1:16

Tgt Ion:276 Resp: 1693341

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	21.2	15.4	23.0



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

