

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119496.D
 Acq On : 24 Mar 2020 20:10
 Operator : CG/JU
 Sample : PB127730BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Quant Time: Mar 25 00:18:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	296823	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1146468	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	606432	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1165102	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	859660	20.00	ng	-0.01
87) Perylene-d12	15.49	264	755216	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2016958	108.17	ng	0.00
7) Phenol-d6	6.47	99	2585079	108.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	1618126	76.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	767575	122.69	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3111610	76.01	ng	-0.01
79) Terphenyl-d14	12.97	244	3578481	81.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	282819	30.711	ng	97
3) Pyridine	3.42	79	781601	30.808	ng	98
4) n-Nitrosodimethylamine	3.36	42	434373	35.109	ng	97
6) Aniline	6.50	93	908726	27.643	ng	100
8) 2-Chlorophenol	6.63	128	832491	42.510	ng	99
9) Benzaldehyde	6.39	77	539360	35.696	ng	96
10) Phenol	6.48	94	1054665	41.498	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	785001	38.619	ng	96
12) 1,3-Dichlorobenzene	6.78	146	835608	39.424	ng	99
13) 1,4-Dichlorobenzene	6.86	146	839318	39.590	ng	98
14) 1,2-Dichlorobenzene	7.02	146	788718	39.802	ng	98
15) Benzyl Alcohol	6.98	79	721644	40.277	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1522083	37.124	ng	98
17) 2-Methylphenol	7.09	107	667492	37.201	ng	98
18) Hexachloroethane	7.36	117	323454	41.632	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	573218	39.927	ng	99
20) 3+4-Methylphenols	7.25	107	826648	37.593	ng	# 86
22) Acetophenone	7.25	105	1076806	39.307	ng	# 89
24) Nitrobenzene	7.43	77	868149	38.509	ng	94
25) Isophorone	7.67	82	1599569	37.380	ng	97
26) 2-Nitrophenol	7.75	139	437979	49.342	ng	97
27) 2,4-Dimethylphenol	7.78	122	742539	40.456	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1018161	40.237	ng	99
29) 2,4-Dichlorophenol	7.99	162	690245	40.929	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	735252	39.422	ng	97
31) Naphthalene	8.15	128	2326882	39.440	ng	100
32) Benzoic acid	7.90	122	586598	49.684	ng	95
33) 4-Chloroaniline	8.19	127	459347	16.991	ng	99
34) Hexachlorobutadiene	8.27	225	424083	40.640	ng	98
35) Caprolactam	8.57	113	129227	23.413	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	749607	40.668	ng	99
37) 2-Methylnaphthalene	8.85	142	1590560	41.078	ng	99
38) 1-Methylnaphthalene	8.95	142	1510932	41.227	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	678555	38.175	ng	98

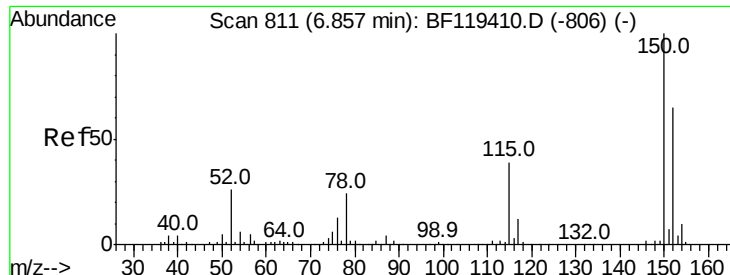
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	822247	81.368	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	522260	41.058	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	537987	37.755	ng	97
46) 1,1'-Biphenyl	9.31	154	1923234	38.939	ng	99
47) 2-Chloronaphthalene	9.33	162	1493838	38.612	ng	97
48) 2-Nitroaniline	9.43	65	543298	40.685	ng	99
49) Acenaphthylene	9.75	152	2357311	38.800	ng	99
50) Dimethylphthalate	9.62	163	1749178	40.608	ng	100
51) 2,6-Dinitrotoluene	9.67	165	397226	43.023	ng #	82
52) Acenaphthene	9.93	154	1598983	42.217	ng	100
53) 3-Nitroaniline	9.84	138	263826	22.634	ng	91
54) 2,4-Dinitrophenol	9.95	184	355476	88.162	ng	96
55) Dibenzofuran	10.10	168	2129863	39.221	ng	99
56) 4-Nitrophenol	10.00	139	711121	77.335	ng	89
57) 2,4-Dinitrotoluene	10.07	165	533685	45.885	ng	90
58) Fluorene	10.44	166	1622610	40.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	464998	43.656	ng	99
60) Diethylphthalate	10.32	149	1842682	42.149	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	794049	40.436	ng	99
62) 4-Nitroaniline	10.46	138	411721	36.834	ng	99
63) Azobenzene	10.59	77	1751544	39.785	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	250326	51.238	ng	88
66) n-Nitrosodiphenylamine	10.55	169	1519924	39.738	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	520342	39.215	ng	97
68) Hexachlorobenzene	10.99	284	566042	41.680	ng	98
69) Atrazine	11.08	200	478299	45.614	ng	99
70) Pentachlorophenol	11.18	266	633467	79.551	ng	99
71) Phenanthrene	11.40	178	2372406	39.269	ng	99
72) Anthracene	11.46	178	2453517	39.959	ng	100
73) Carbazole	11.61	167	2286123	37.616	ng	99
74) Di-n-butylphthalate	11.95	149	2885000	44.376	ng	99
75) Fluoranthene	12.59	202	2644704	40.450	ng	99
77) Benzidine	12.71	184	1365176	37.524	ng	98
78) Pyrene	12.82	202	2673888	37.900	ng	100
80) Butylbenzylphthalate	13.44	149	1283238	44.971	ng	98
81) Benzo(a)anthracene	14.02	228	2075416	37.126	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	603857	27.396	ng	96
83) Chrysene	14.05	228	2202926	38.183	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1737049	51.066	ng	99
85) Di-n-octyl phthalate	14.62	149	3082132	51.520	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1910197	35.155	ng	98
88) Benzo(b)fluoranthene	15.06	252	2109508	41.815	ng	99
89) Benzo(k)fluoranthene	15.09	252	1962276	40.849	ng	99
90) Benzo(a)pyrene	15.43	252	1787030	38.978	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1615205	40.279	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1576202	39.125	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF119496.D

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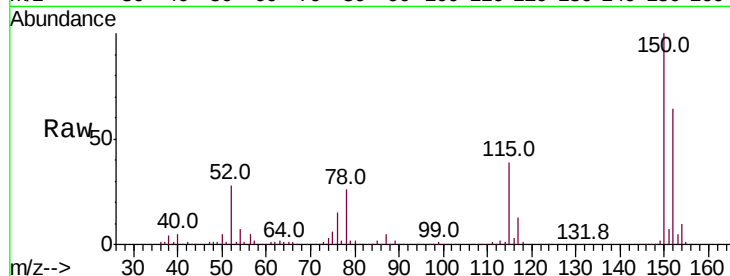
Tot Ion:152 Resp: 296823

Ion Ratio Lower Upper

152 100

150 157.1 123.9 185.9

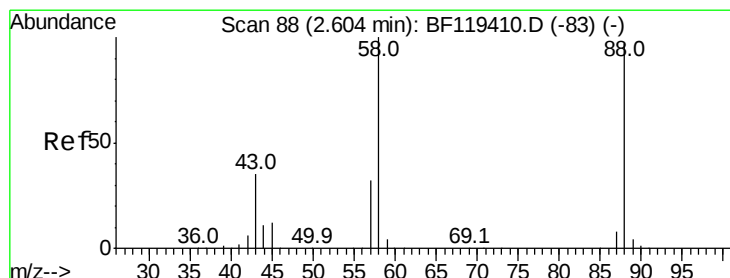
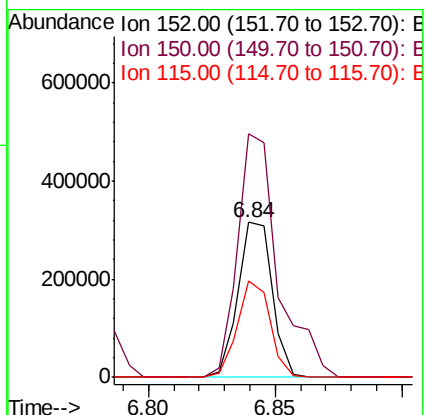
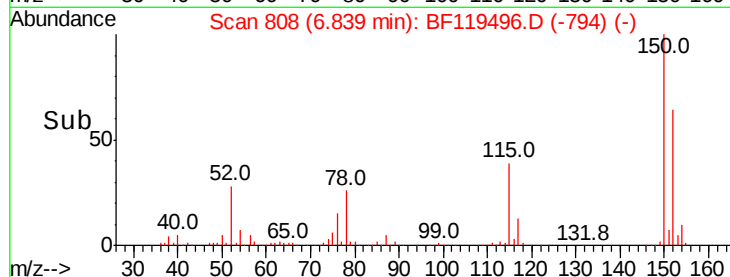
115 62.0 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.711 ng

RT: 2.68 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

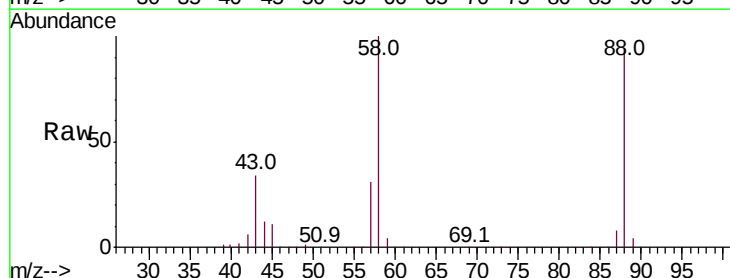
Tgt Ion: 88 Resp: 282819

Ion Ratio Lower Upper

88 100

58 103.1 79.4 119.2

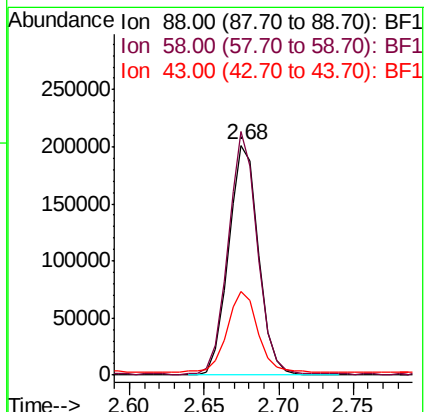
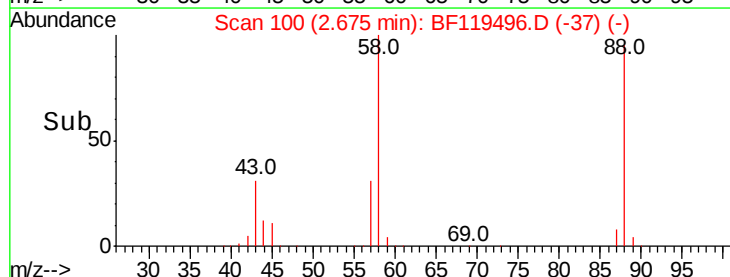
43 35.4 28.4 42.6

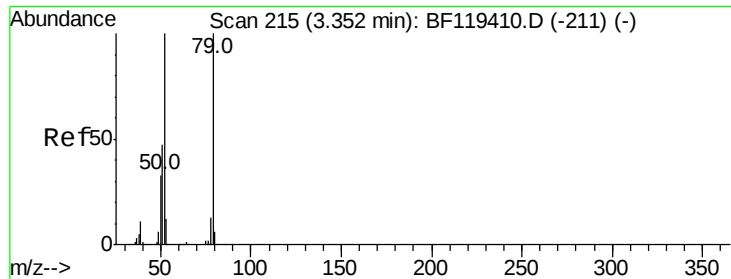


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.808 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

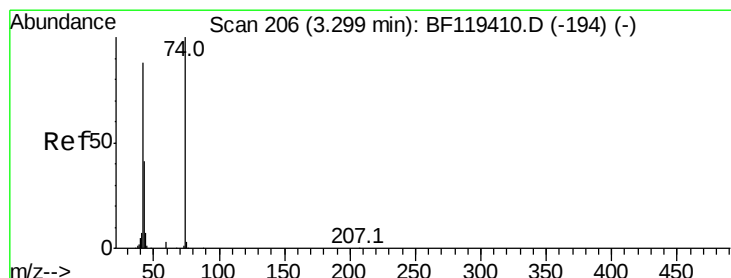
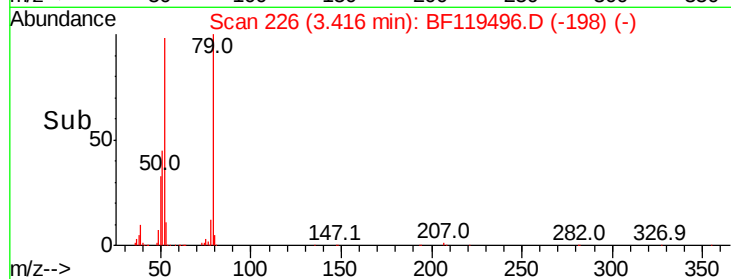
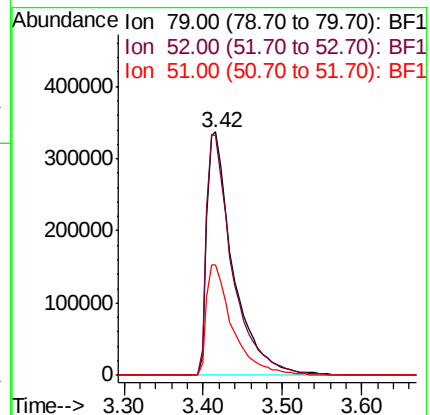
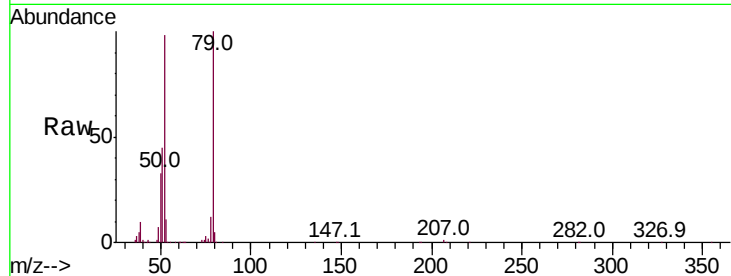
Tot Ion: 79 Resp: 781601

Ion Ratio Lower Upper

79 100

52 98.3 80.0 120.0

51 45.4 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 35.109 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

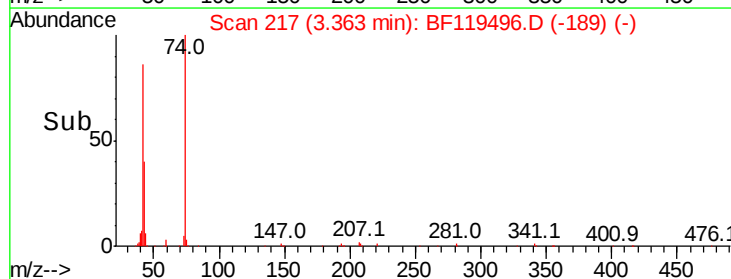
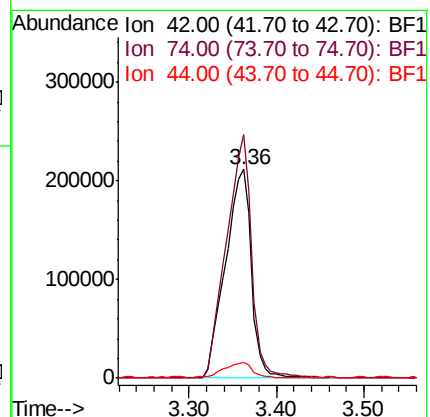
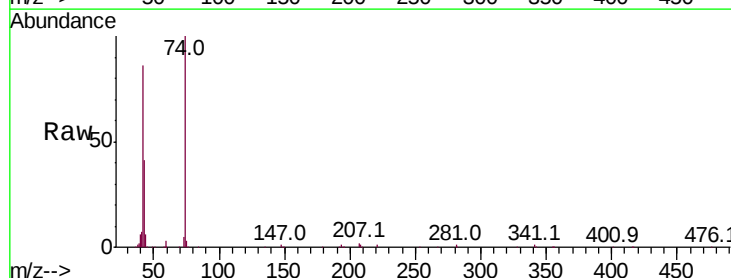
Tgt Ion: 42 Resp: 434373

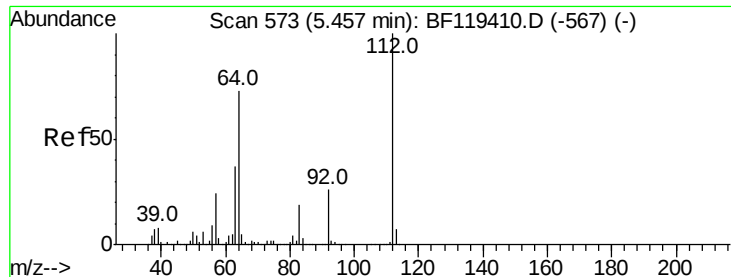
Ion Ratio Lower Upper

42 100

74 116.7 91.3 136.9

44 7.3 7.1 10.7





#5

2-Fluorophenol

Concen: 108.172 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

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PB127730BS

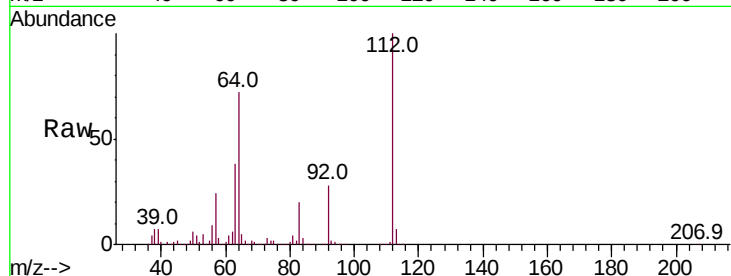
Tot Ion:112 Resp: 2016958

Ion Ratio Lower Upper

112 100

64 72.3 58.1 87.1

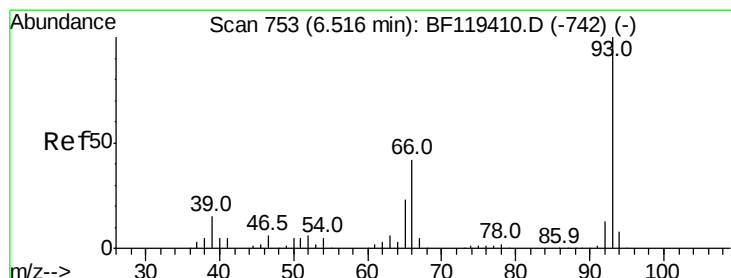
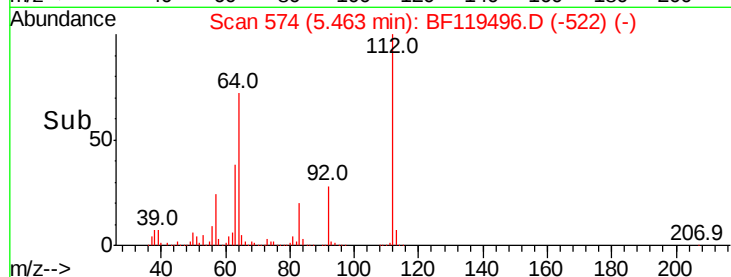
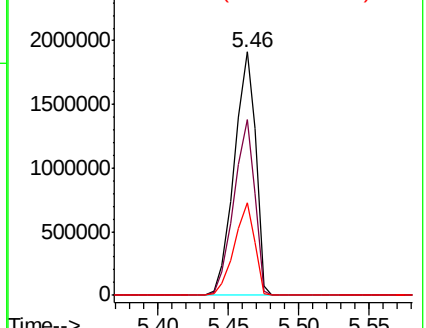
63 37.9 29.7 44.5



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: 27.643 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

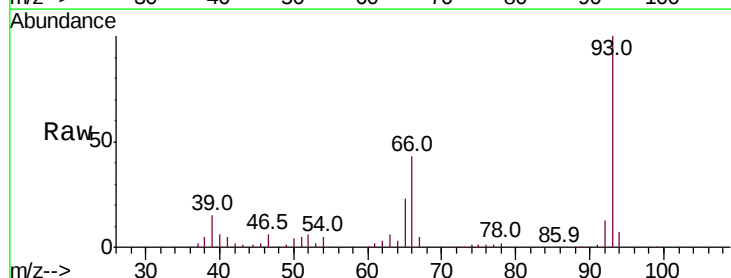
Tgt Ion: 93 Resp: 908726

Ion Ratio Lower Upper

93 100

66 42.5 34.2 51.4

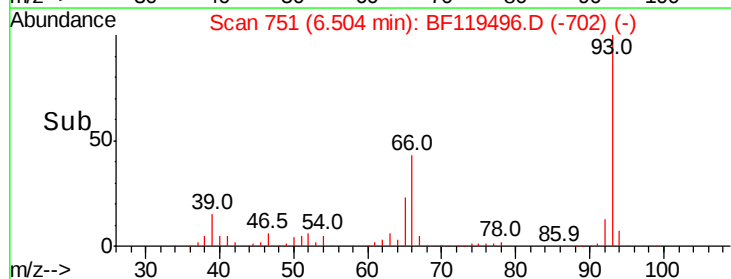
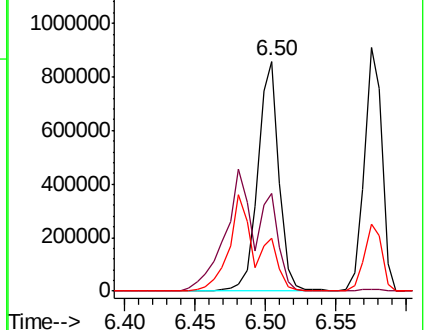
65 22.8 18.2 27.4

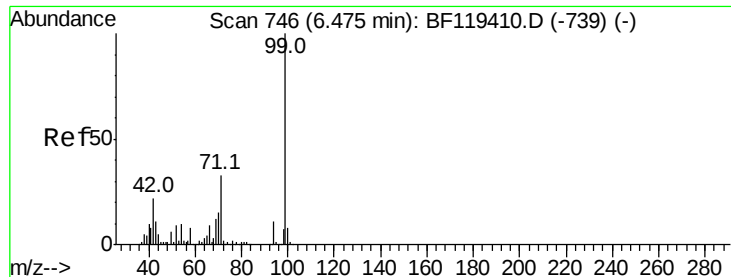


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.532 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

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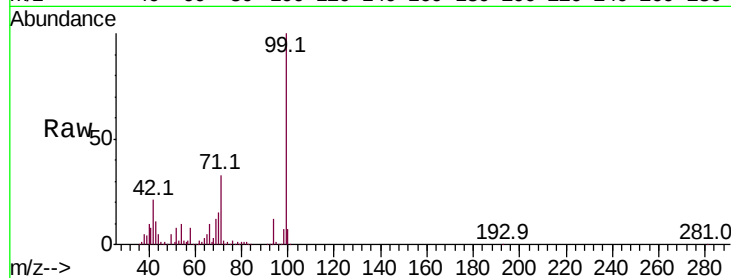
Tot Ion: 99 Resp: 2585079

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

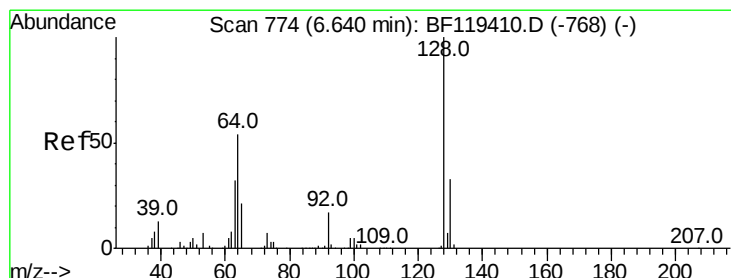
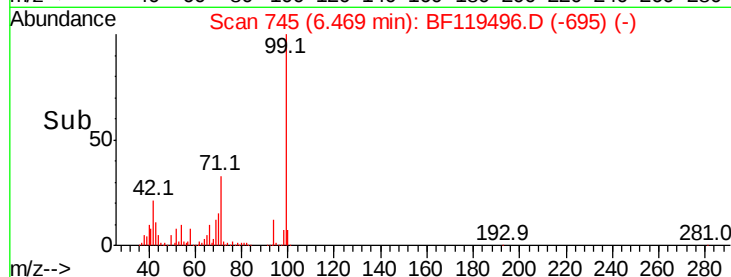
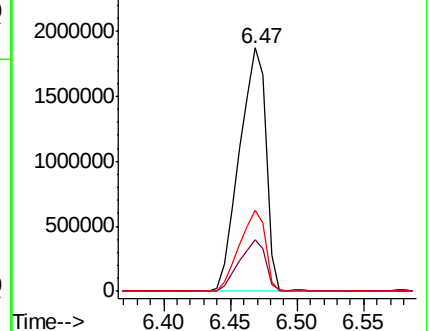
71 33.3 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.510 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

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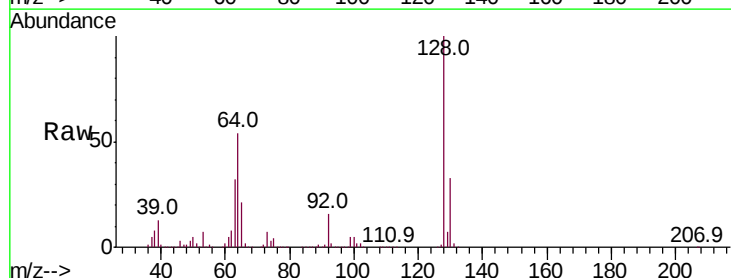
Tgt Ion:128 Resp: 832491

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

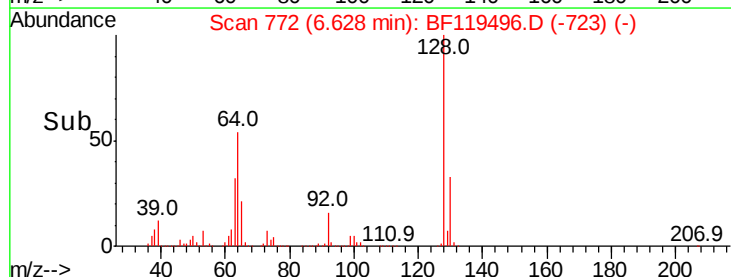
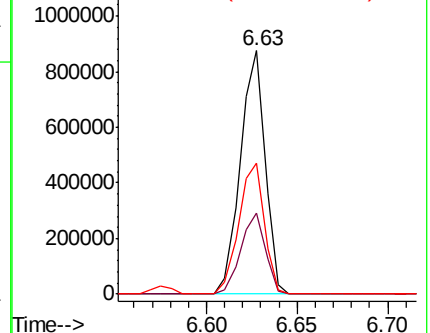
64 53.8 35.1 75.1

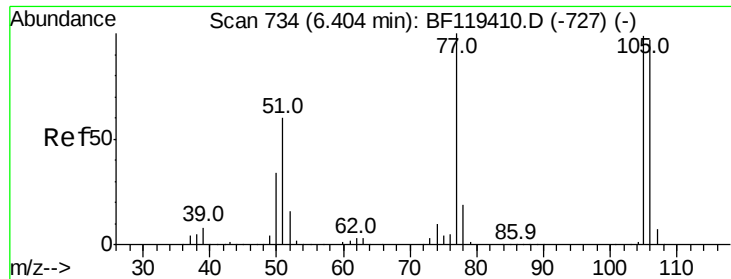


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

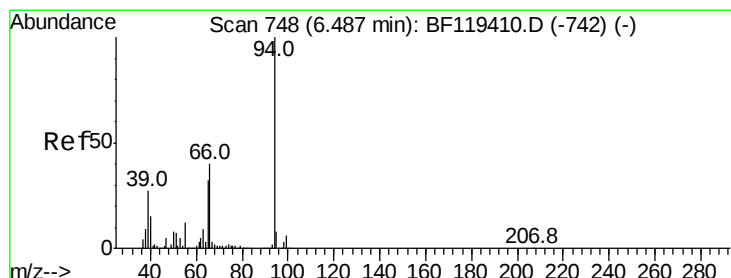
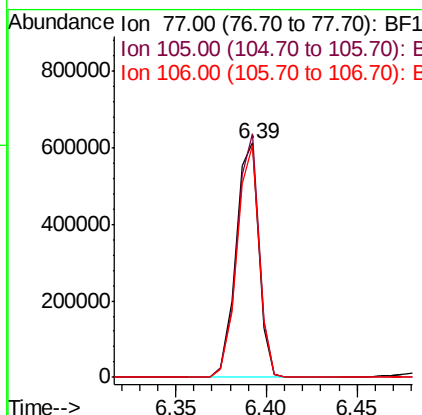
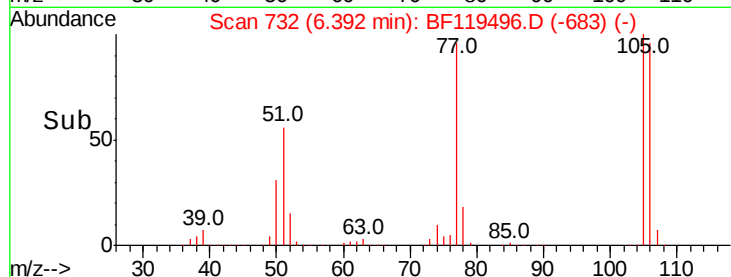
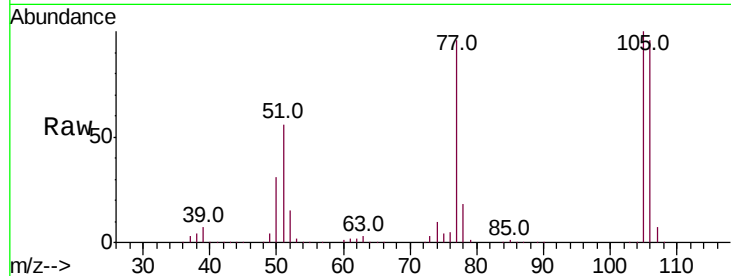




#9
Benzaldehyde
Concen: 35.696 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

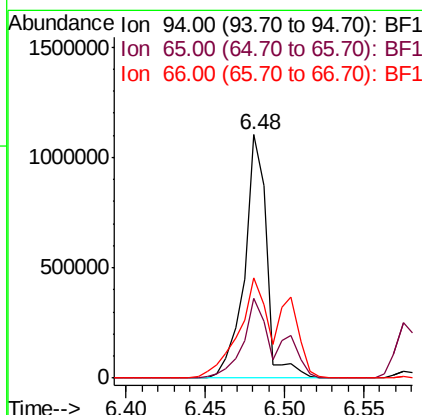
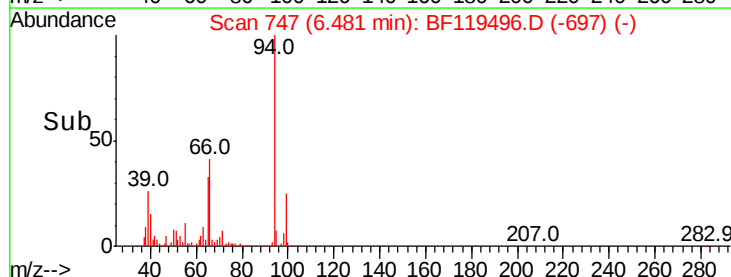
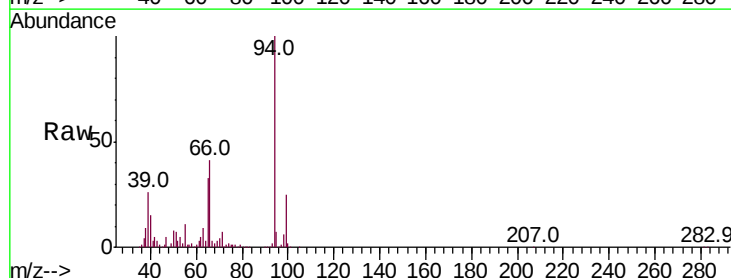
Instrument :
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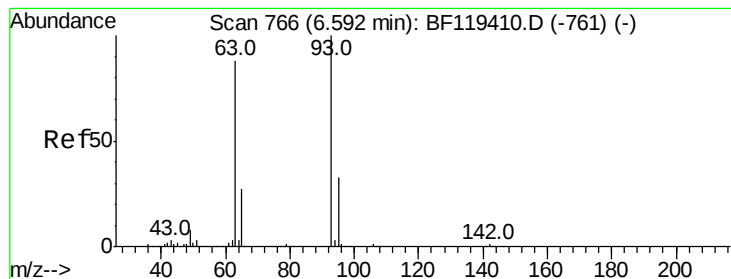
Tot Ion: 77 Resp: 539360
Ion Ratio Lower Upper
77 100
105 103.9 78.6 118.6
106 99.3 76.5 116.5



#10
Phenol
Concen: 41.498 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion: 94 Resp: 1054665
Ion Ratio Lower Upper
94 100
65 32.6 12.0 52.0
66 41.3 20.6 60.6





#11

bis(2-Chloroethyl)ether

Concen: 38.619 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

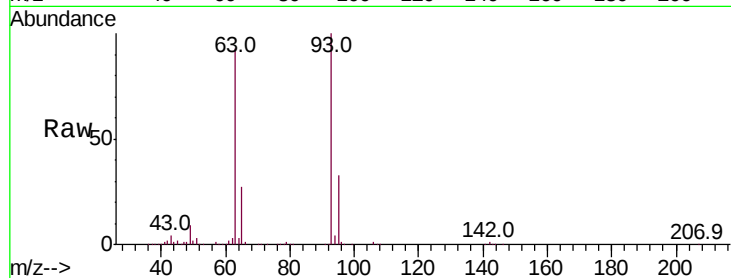
Tot Ion: 93 Resp: 785001

Ion Ratio Lower Upper

93 100

63 93.1 68.4 108.4

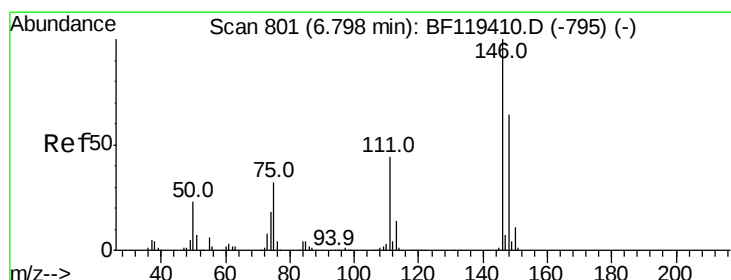
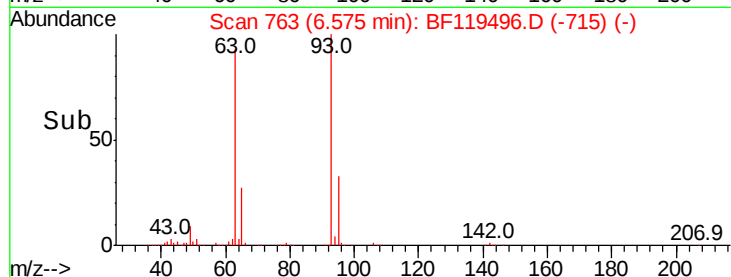
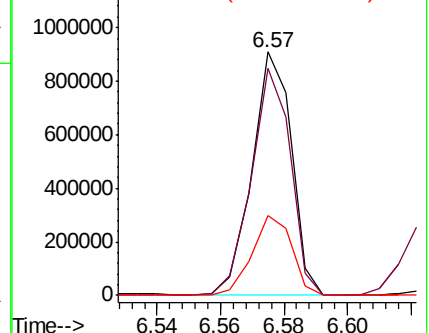
95 32.7 13.4 53.4



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: 39.424 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

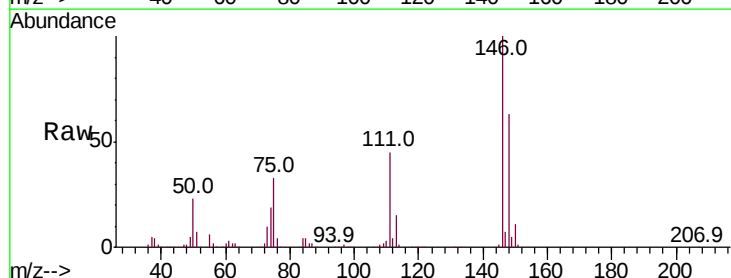
Tgt Ion: 146 Resp: 835608

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.0

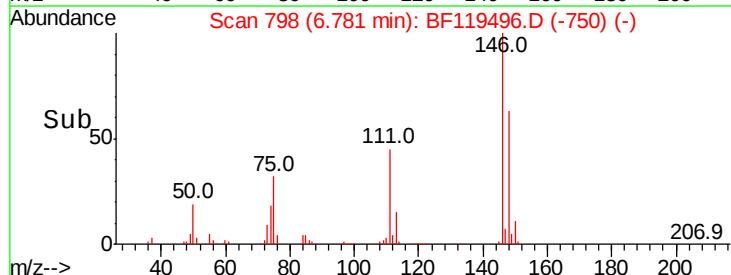
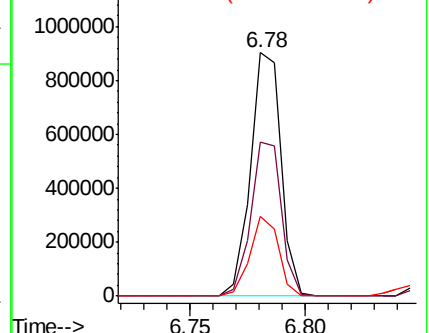
75 32.8 25.8 38.8

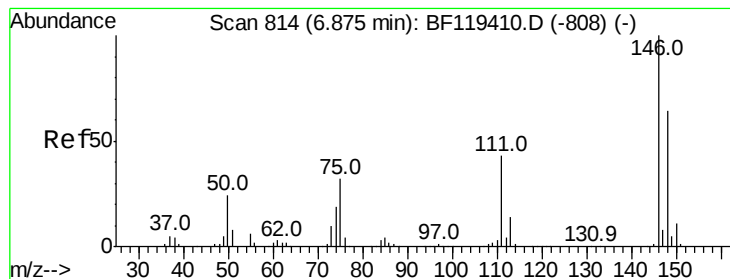


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.590 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

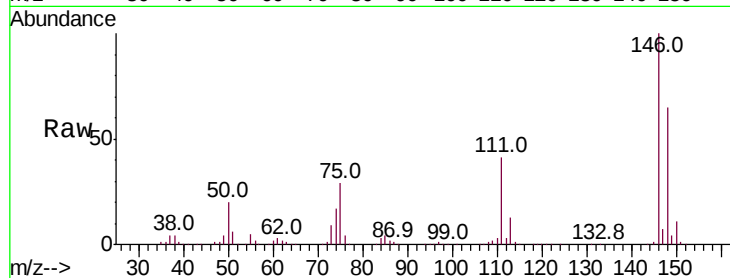
Tot Ion:146 Resp: 839318

Ion Ratio Lower Upper

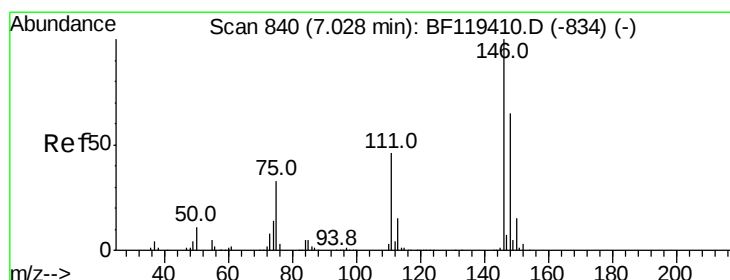
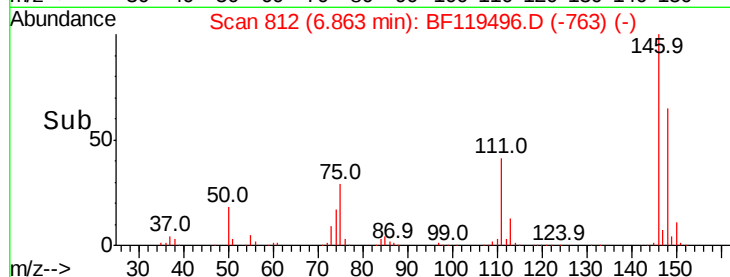
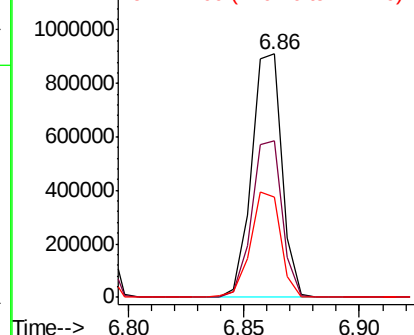
146 100

148 64.6 50.9 76.3

111 41.3 34.6 52.0



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: 39.802 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

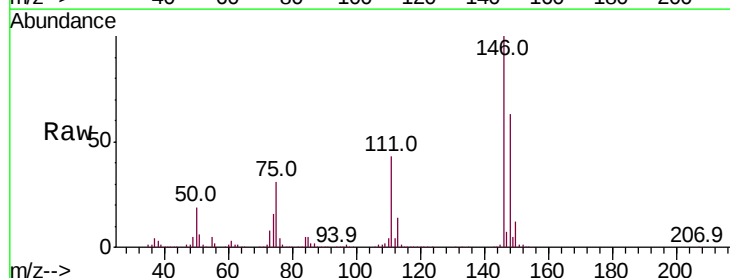
Tgt Ion:146 Resp: 788718

Ion Ratio Lower Upper

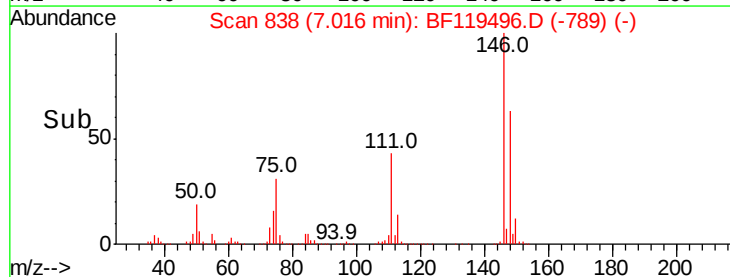
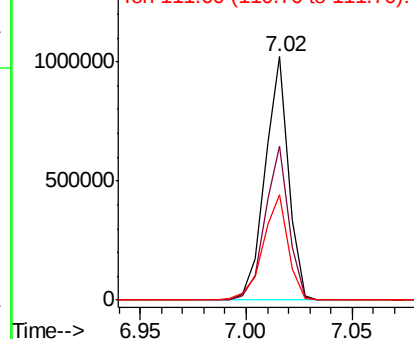
146 100

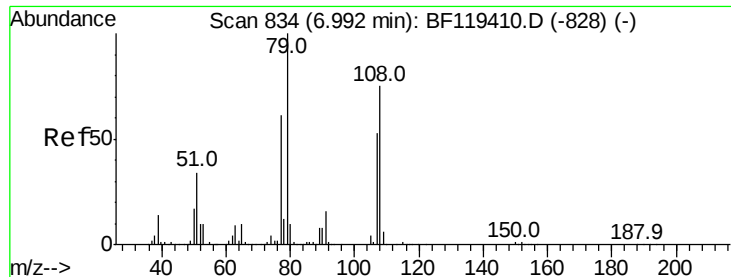
148 63.4 51.7 77.5

111 43.1 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.277 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

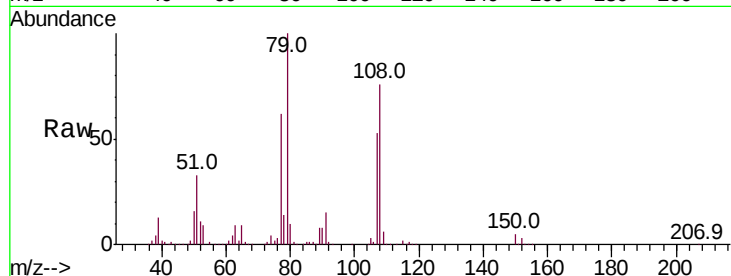
Tot Ion: 79 Resp: 721644

Ion Ratio Lower Upper

79 100

108 76.2 60.4 90.6

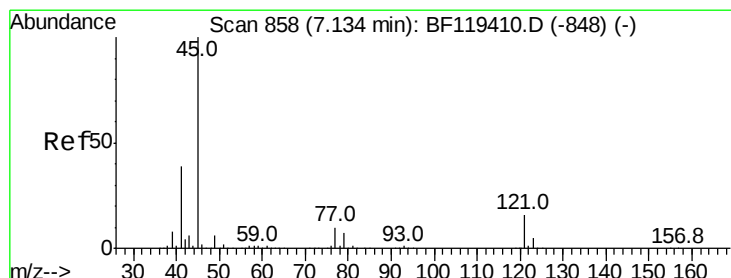
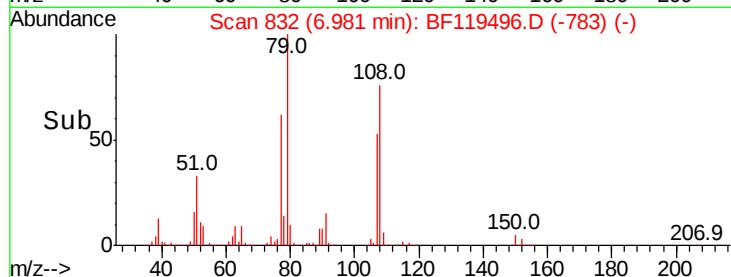
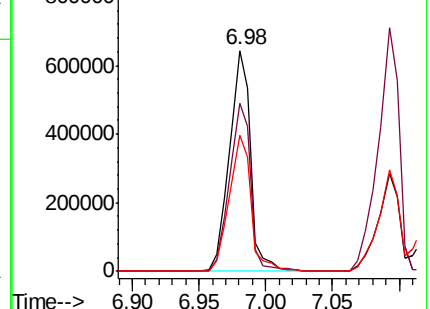
77 61.9 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.124 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

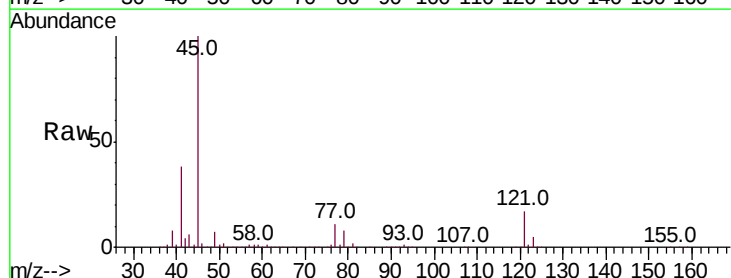
Tgt Ion: 45 Resp: 1522083

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.1

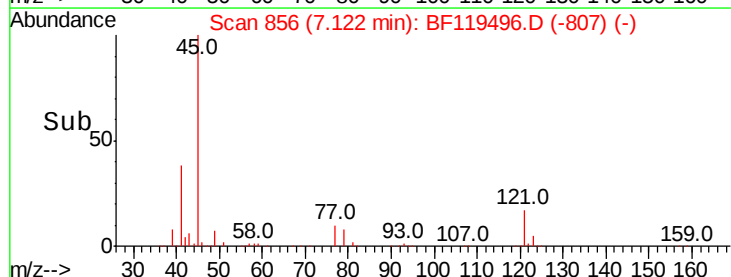
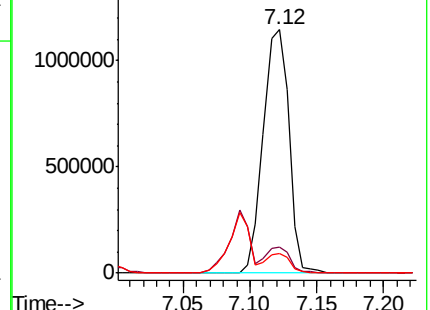
79 8.2 0.0 27.4

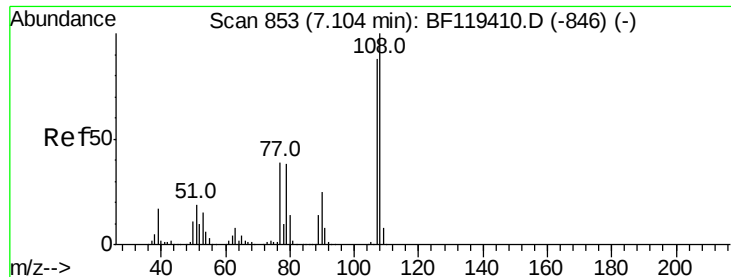


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 37.201 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:107 Resp: 667492

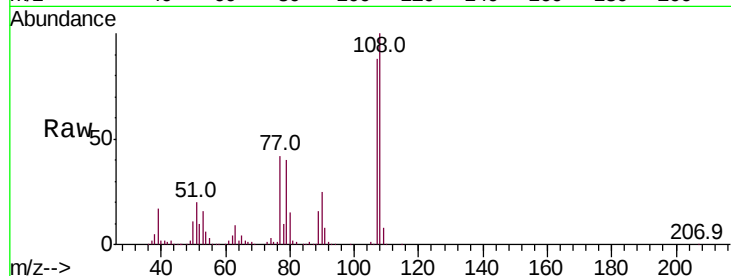
Ion Ratio Lower Upper

107 100

108 113.7 90.7 136.1

77 47.3 35.6 53.4

79 45.7 34.7 52.1

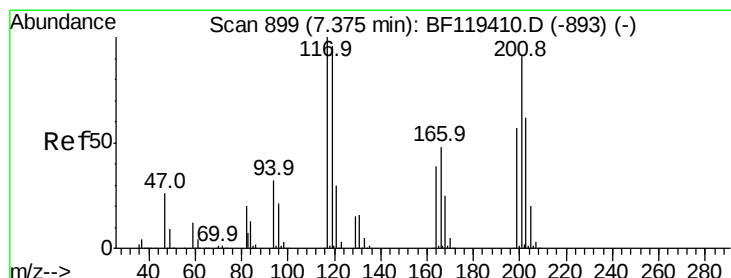
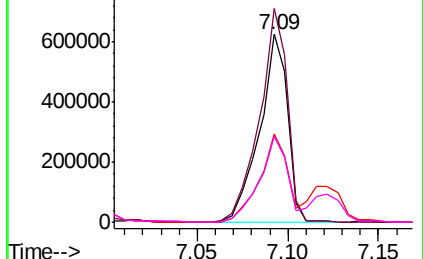
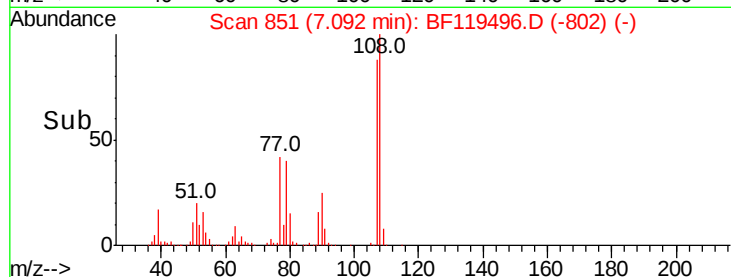


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.632 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

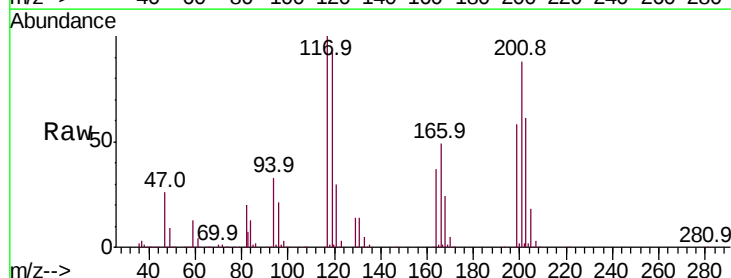
Tgt Ion:117 Resp: 323454

Ion Ratio Lower Upper

117 100

119 92.4 76.8 115.2

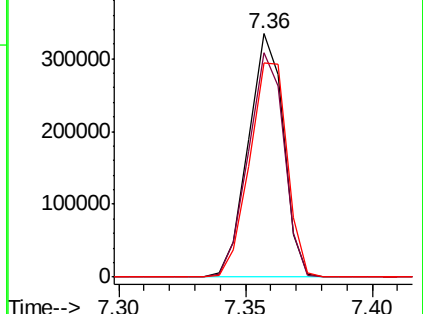
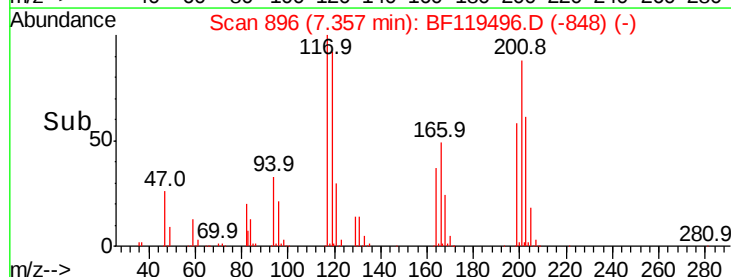
201 88.2 72.5 108.7

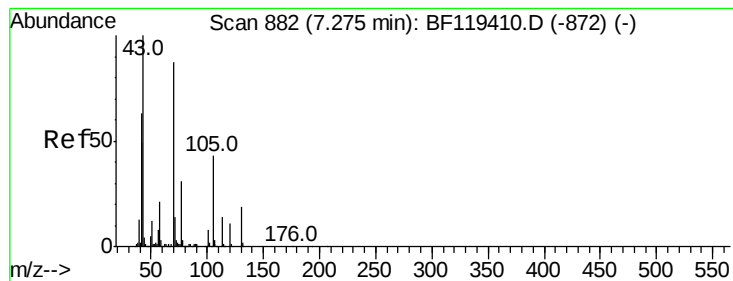


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.927 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion: 70 Resp: 573218

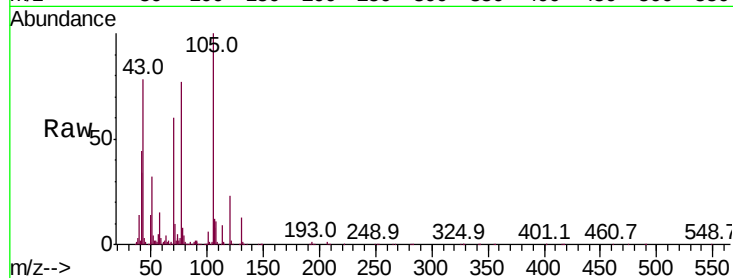
Ion Ratio Lower Upper

70 100

42 72.7 58.2 87.4

101 9.9 7.4 11.2

130 21.0 17.8 26.8

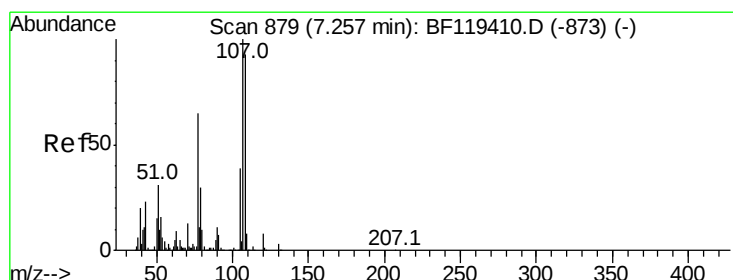
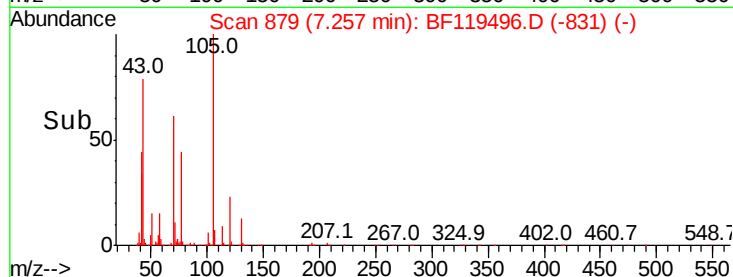
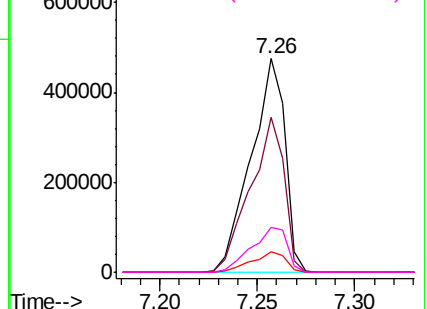


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.593 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion: 107 Resp: 826648

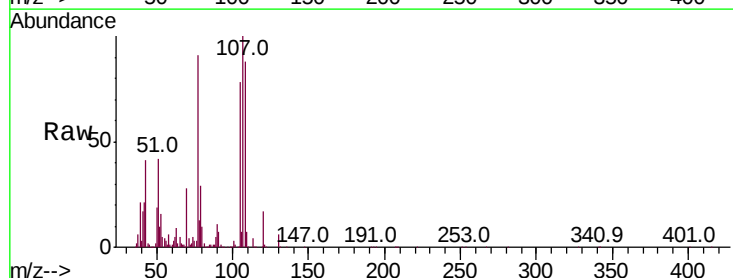
Ion Ratio Lower Upper

107 100

108 88.3 72.6 112.6

77 91.4 44.7 84.7#

79 28.7 10.2 50.2

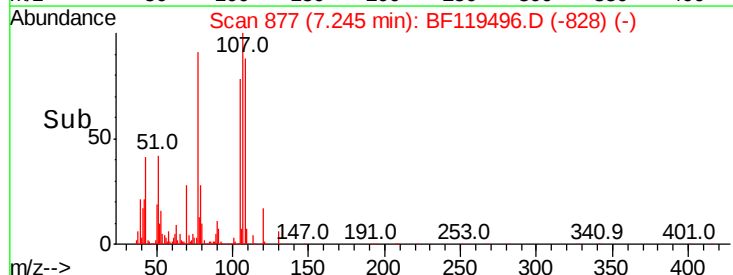
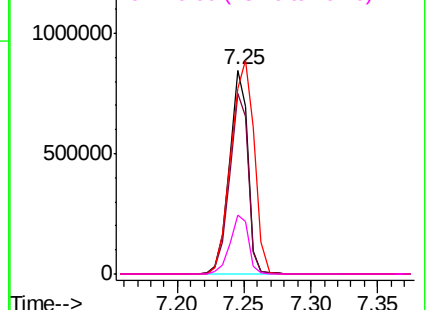


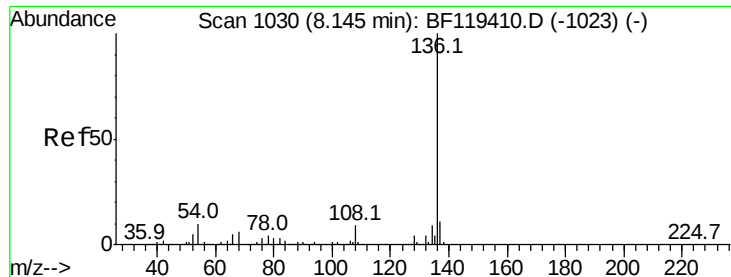
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion:136 Resp: 1146468

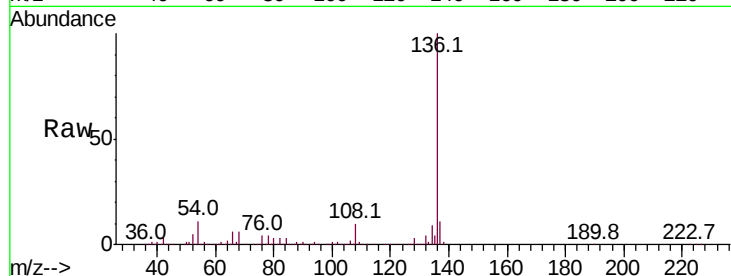
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.3 8.3 12.5

68 5.9 4.9 7.3

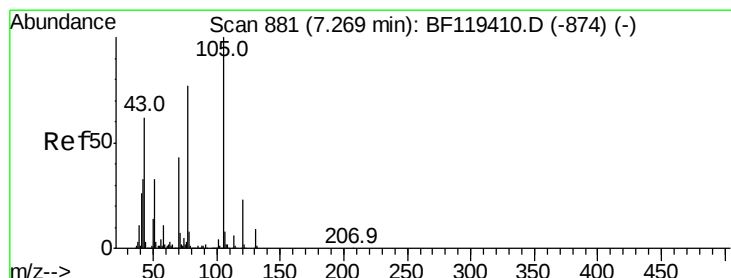
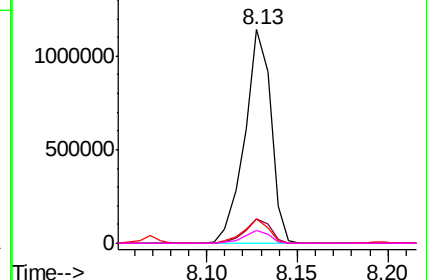
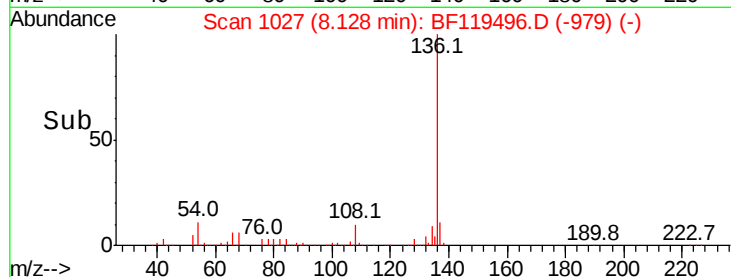


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.307 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:105 Resp: 1076806

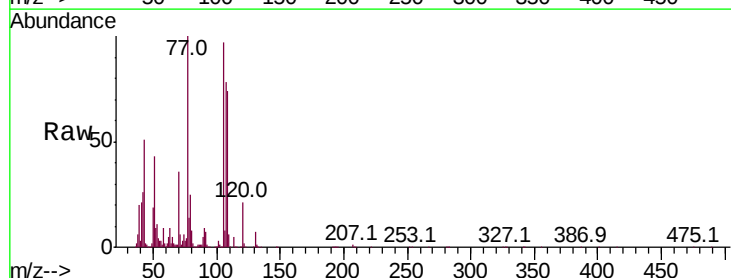
Ion Ratio Lower Upper

105 100

71 6.0 5.8 8.6

51 44.0 26.8 40.2#

120 21.8 18.0 27.0

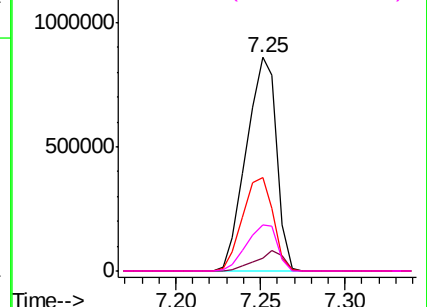
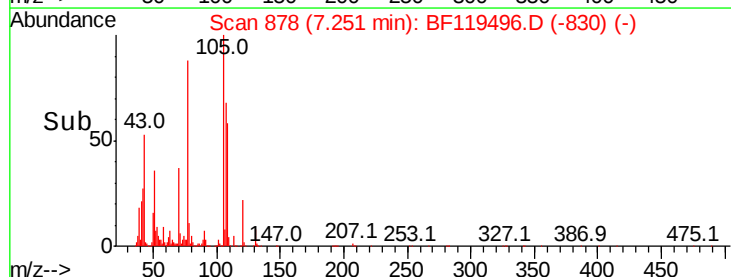


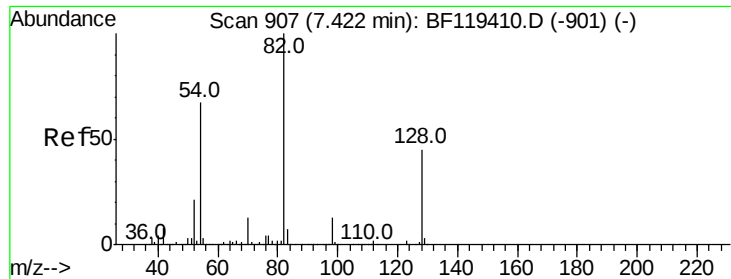
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

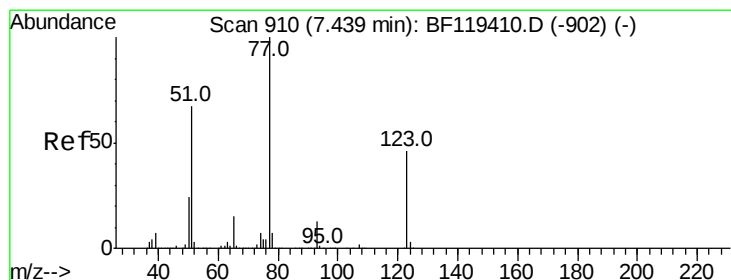
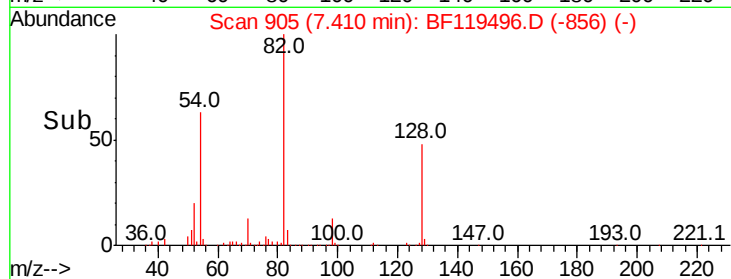
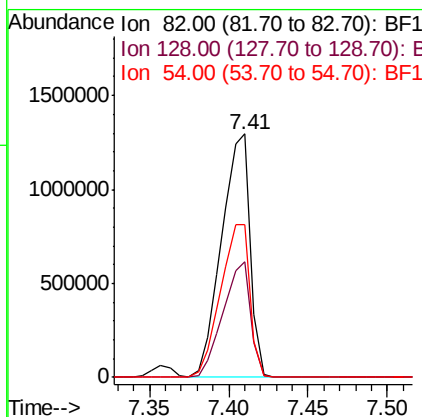
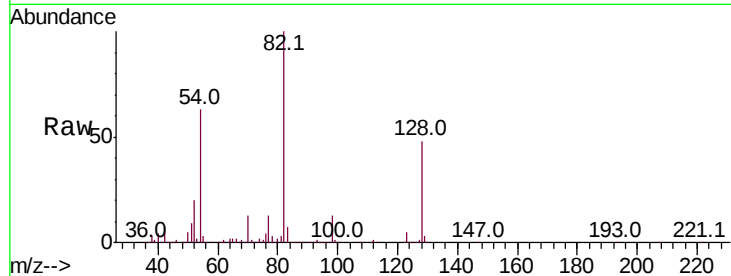




#23
 Nitrobenzene-d5
 Concen: 76.707 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

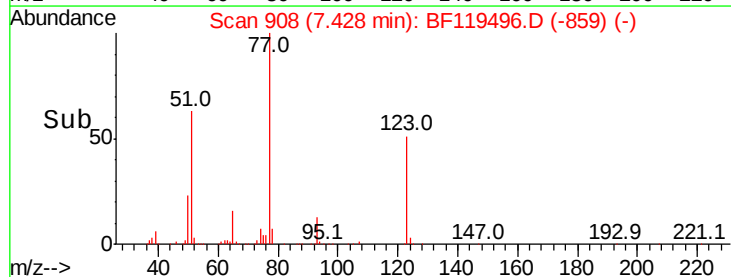
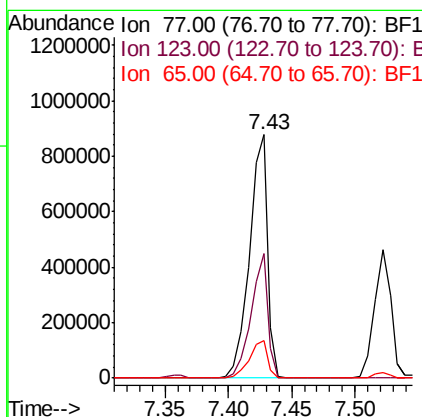
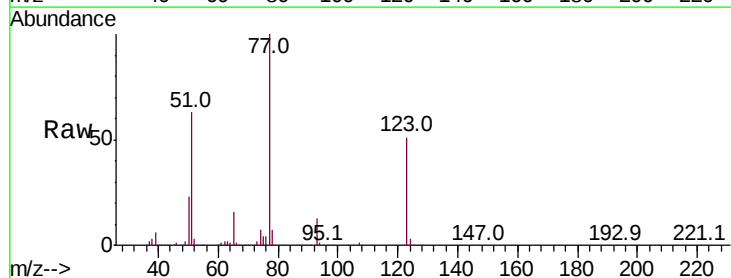
Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

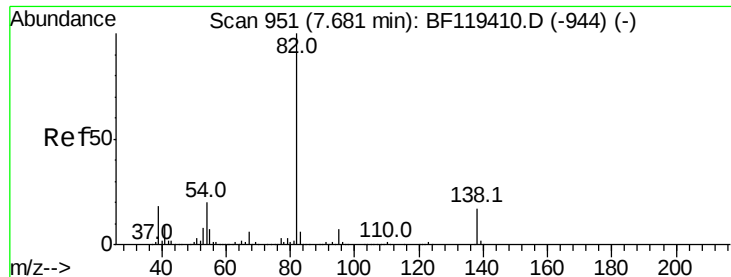
Tot Ion: 82 Resp: 1618126
 Ion Ratio Lower Upper
 82 100
 128 47.5 35.8 53.8
 54 62.7 53.4 80.0



#24
 Nitrobenzene
 Concen: 38.509 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion: 77 Resp: 868149
 Ion Ratio Lower Upper
 77 100
 123 50.9 36.9 55.3
 65 15.6 12.2 18.4





#25

Isophorone

Concen: 37.380 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

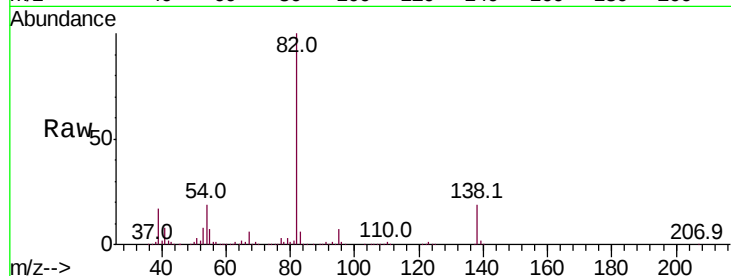
Tot Ion: 82 Resp: 1599569

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

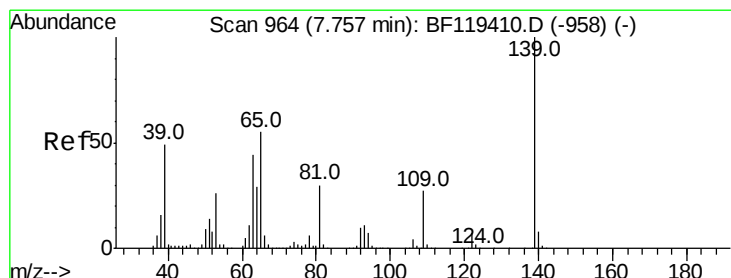
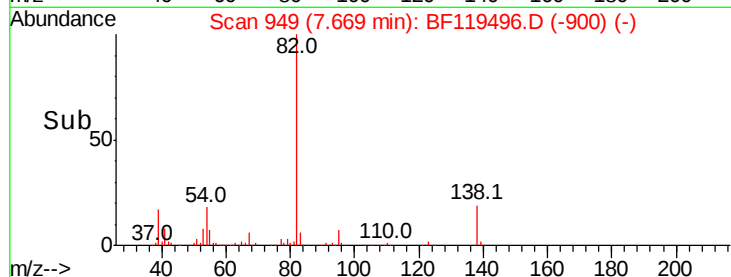
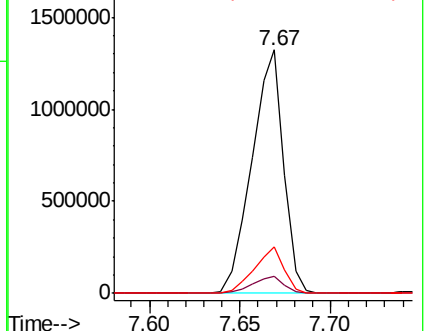
138 18.9 13.8 20.8



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: 49.342 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

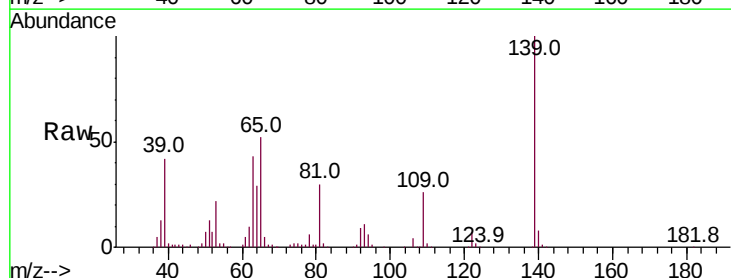
Tgt Ion: 139 Resp: 437979

Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

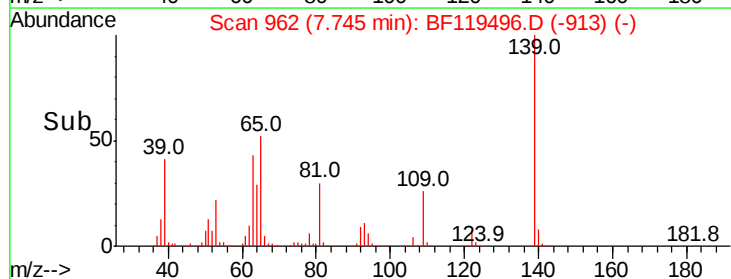
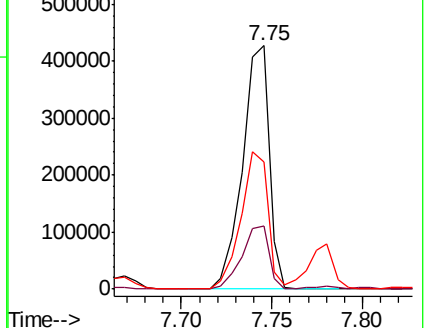
65 52.3 43.9 65.9

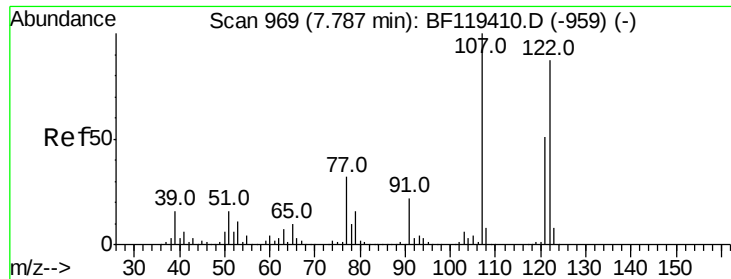


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

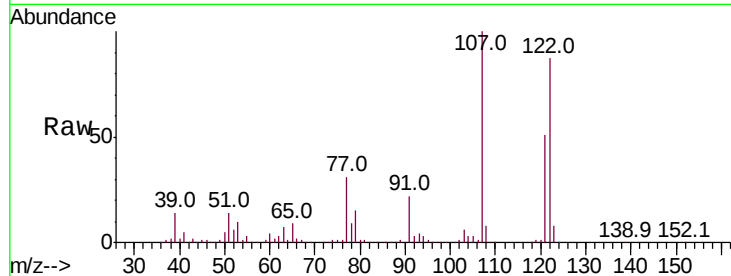




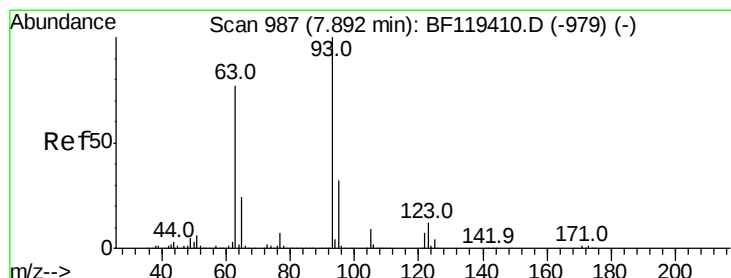
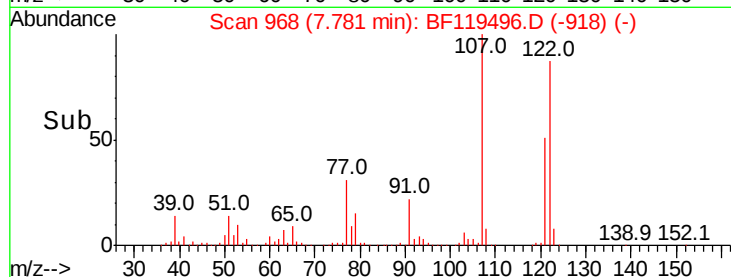
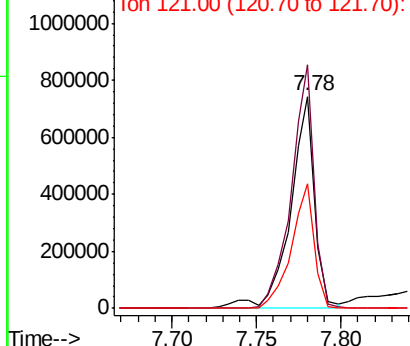
#27
2,4-Dimethylphenol
Concen: 40.456 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampled :
PB127730BS

Tot Ion:122 Resp: 742539
Ion Ratio Lower Upper
122 100
107 115.0 91.8 137.6
121 58.7 46.5 69.7

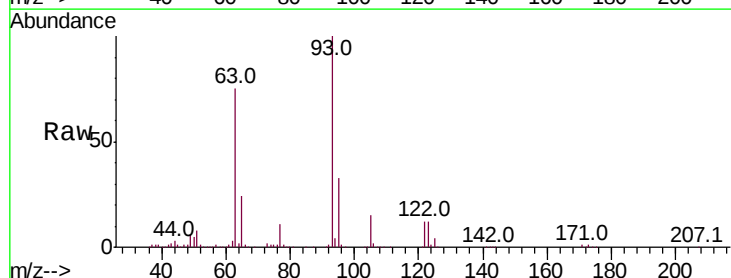


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

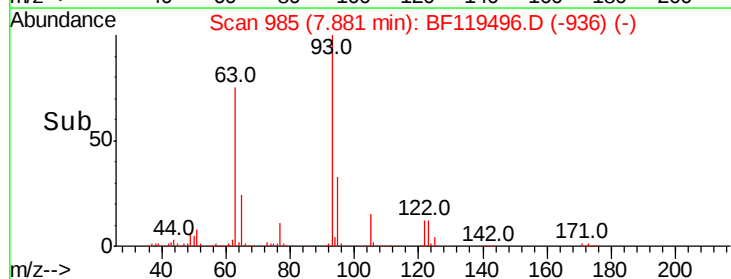
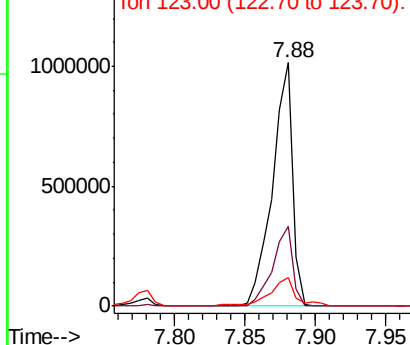


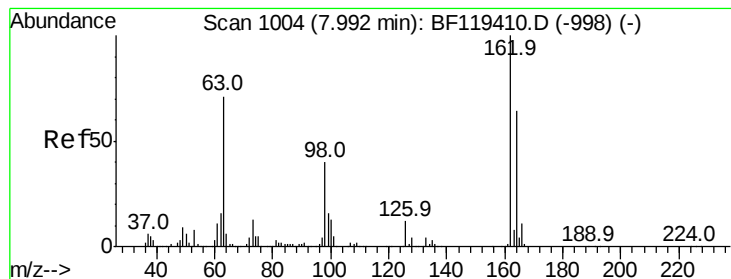
#28
bis(2-Chloroethoxy)methane
Concen: 40.237 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion: 93 Resp: 1018161
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.7 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.929 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

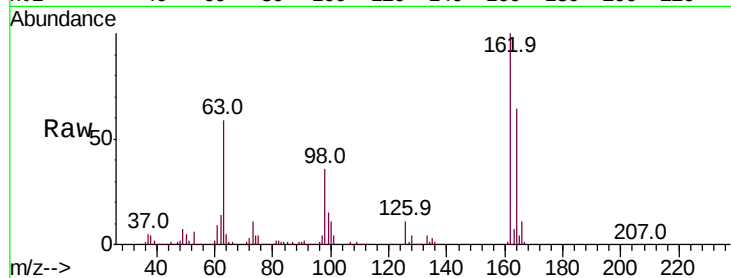
Tot Ion:162 Resp: 690245

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

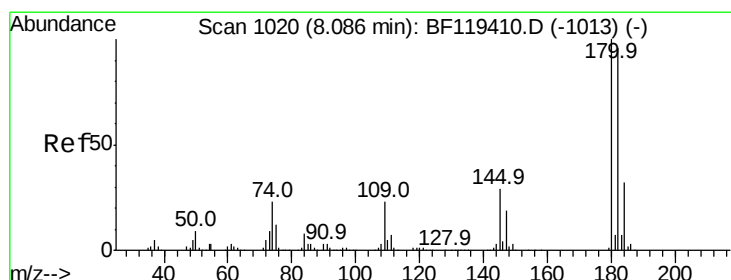
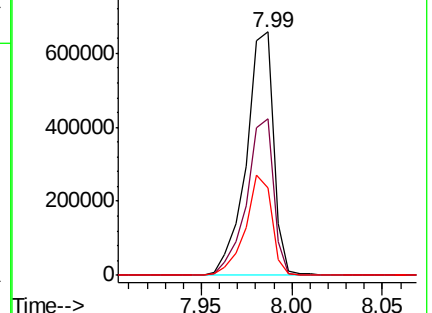
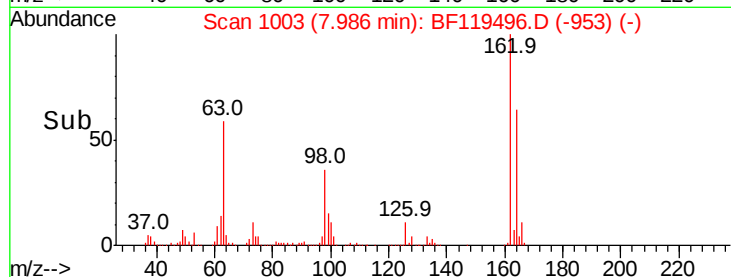
98 35.7 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.422 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

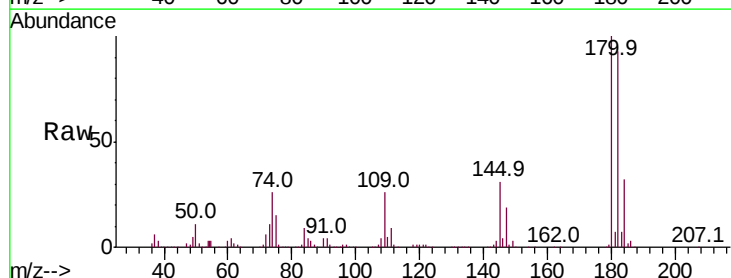
Tgt Ion:180 Resp: 735252

Ion Ratio Lower Upper

180 100

182 93.4 76.6 115.0

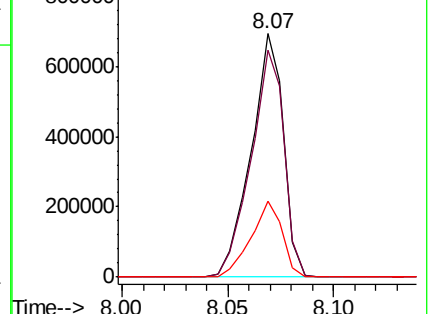
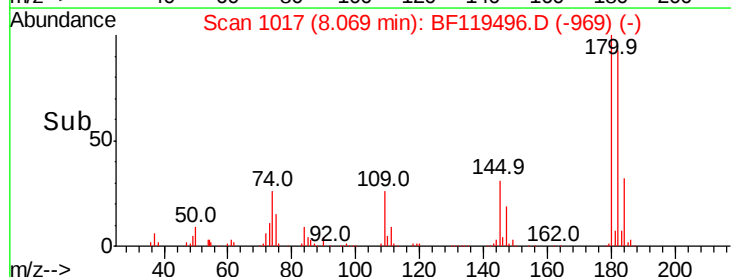
145 31.1 23.2 34.8

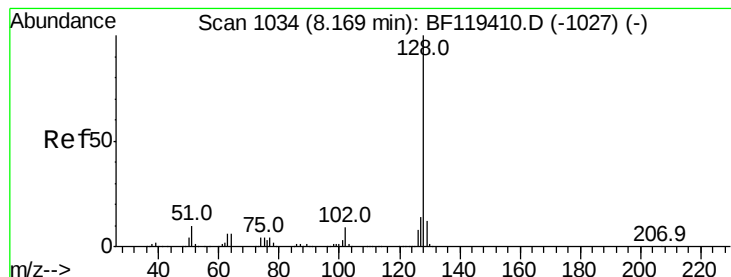


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.440 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

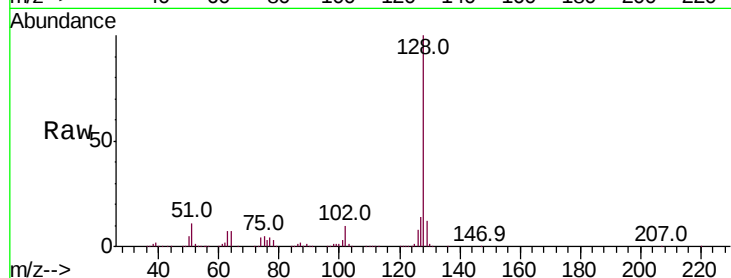
Tot Ion:128 Resp: 2326882

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

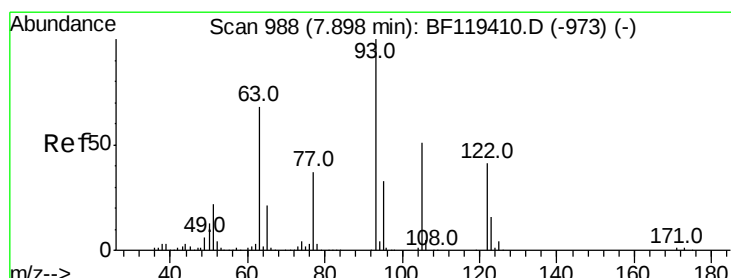
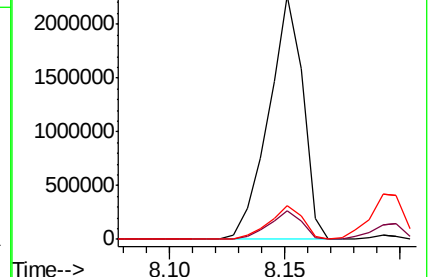
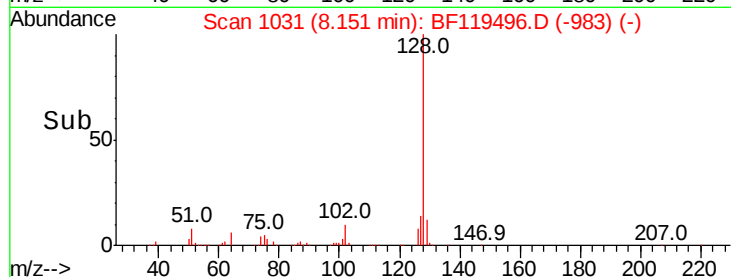
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.684 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

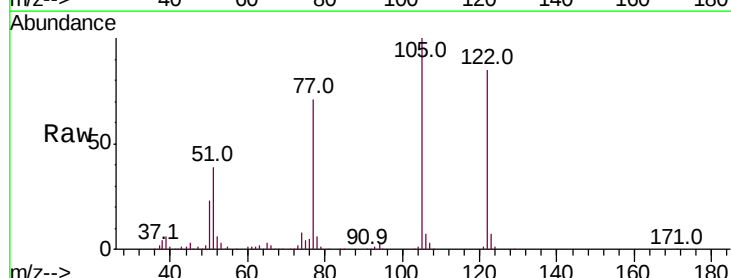
Tgt Ion:122 Resp: 586598

Ion Ratio Lower Upper

122 100

105 118.2 102.9 142.9

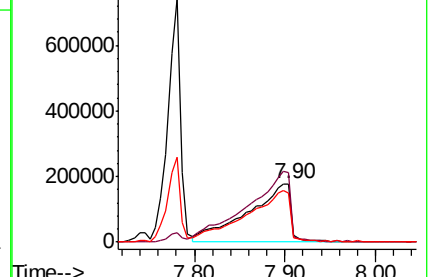
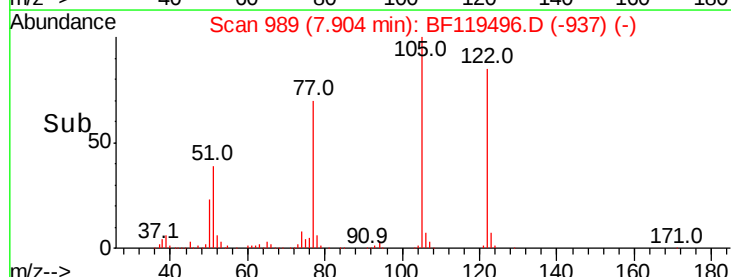
77 83.7 70.1 110.1

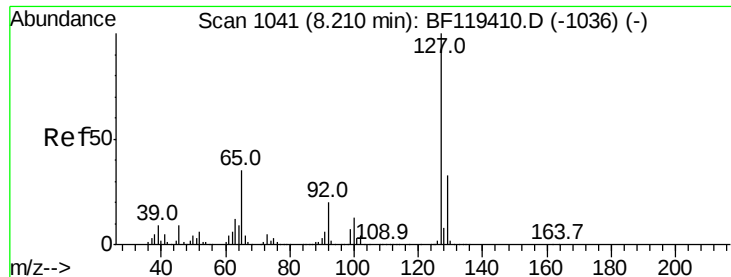


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

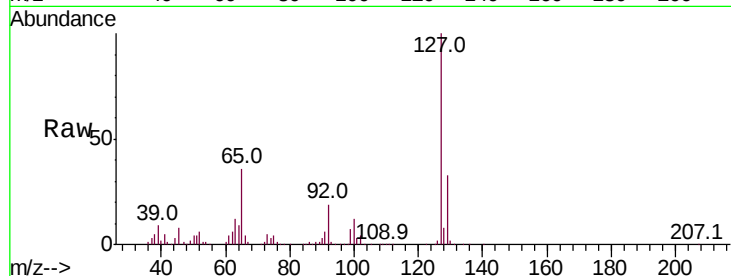




#33
4-Chloroaniline
Concen: 16.991 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:	127	Resp:	459347
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.4
65	35.9	27.7	41.5
92	19.3	15.8	23.6



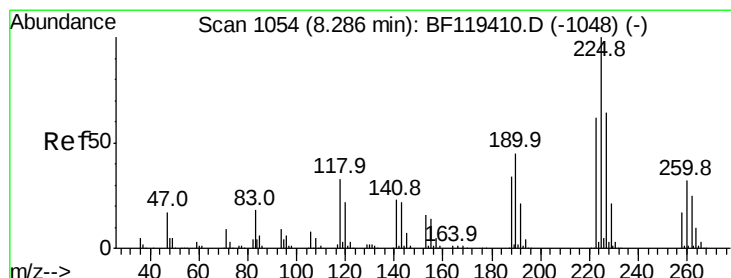
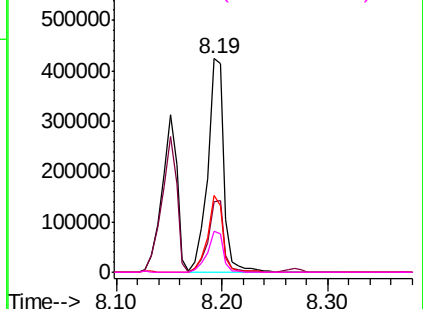
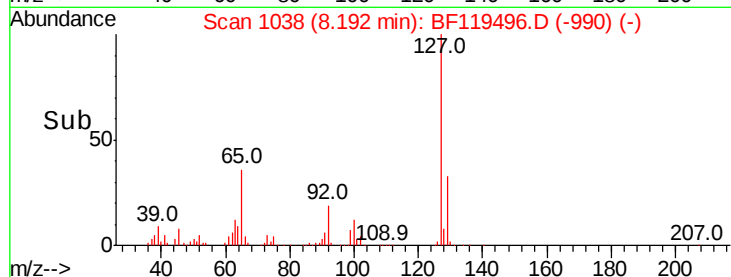
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

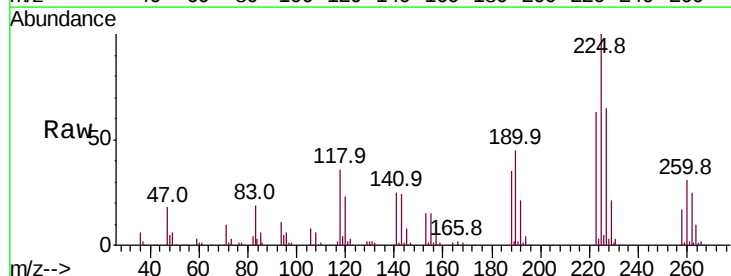
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.640 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:	225	Resp:	424083
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.2	73.8
227	65.3	51.1	76.7

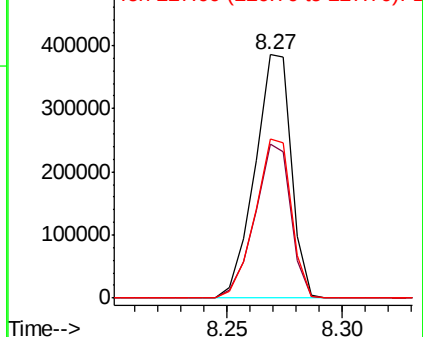
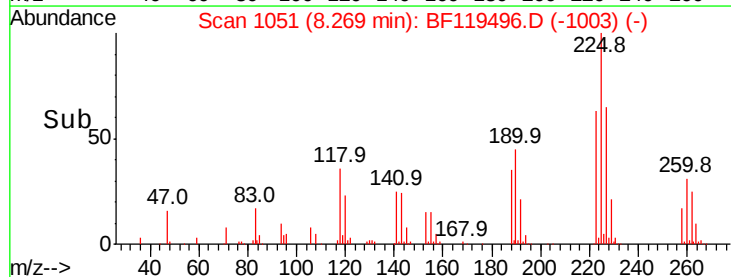


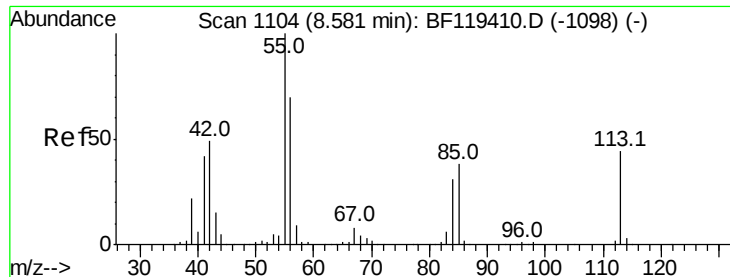
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

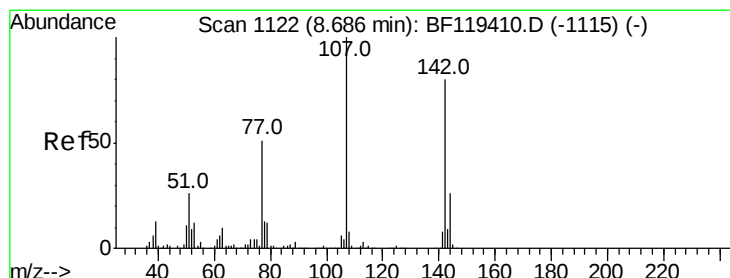
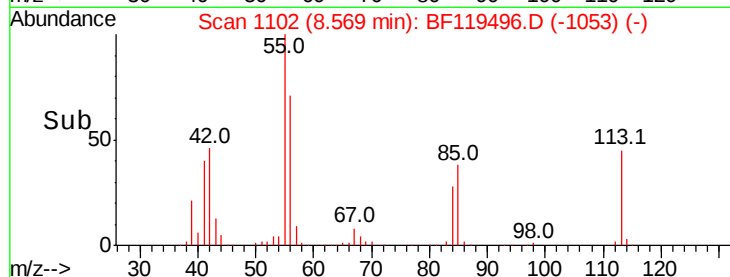
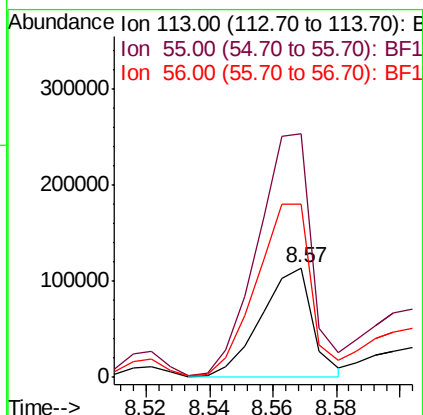
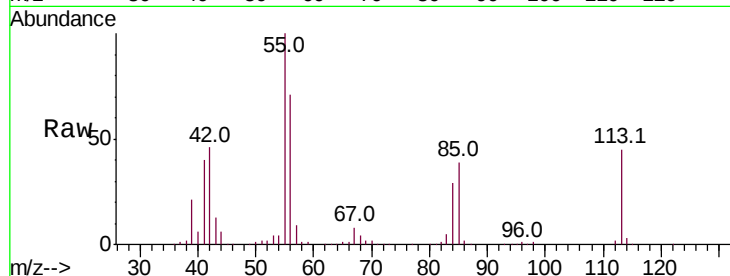




#35
Caprolactam
Concen: 23.413 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

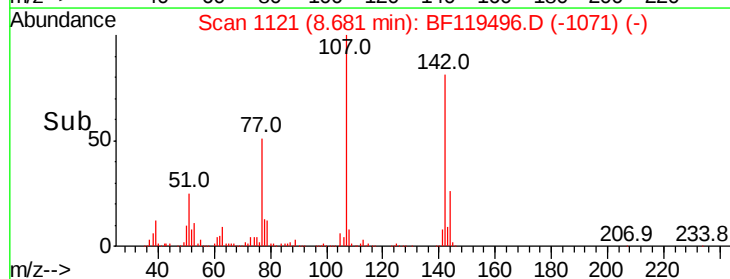
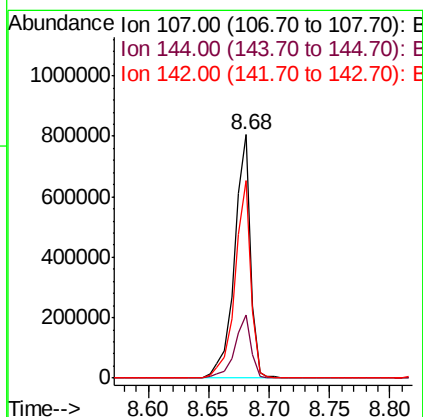
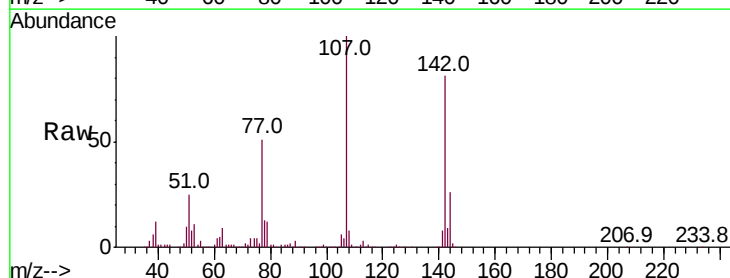
Instrument :
BNA_F
ClientSampleId :
PB127730BS

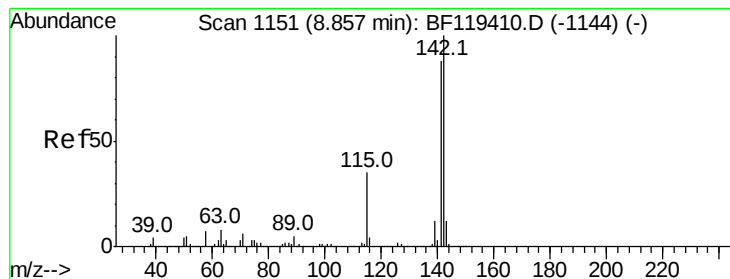
Tot Ion:113 Resp: 129227
Ion Ratio Lower Upper
113 100
55 222.4 208.4 248.4
56 158.1 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 40.668 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:107 Resp: 749607
Ion Ratio Lower Upper
107 100
144 26.1 20.6 31.0
142 81.2 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.078 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

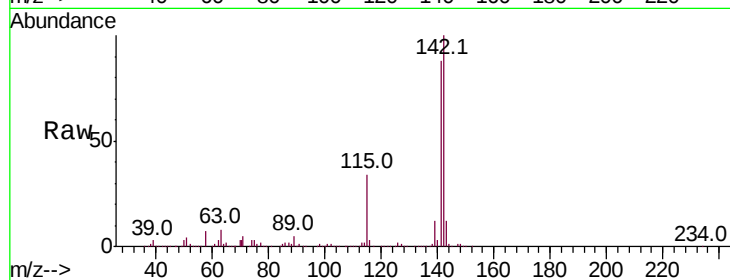
Tot Ion:142 Resp: 1590560

Ion Ratio Lower Upper

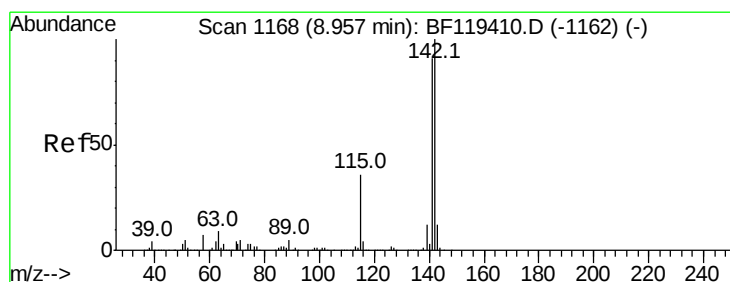
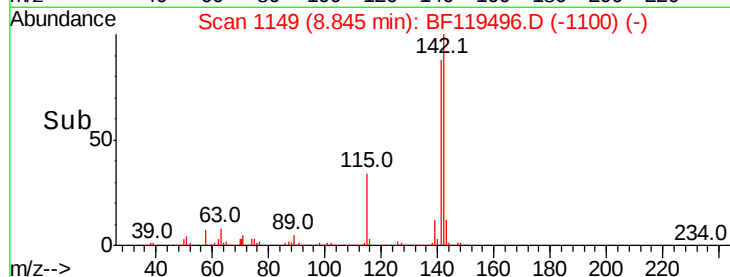
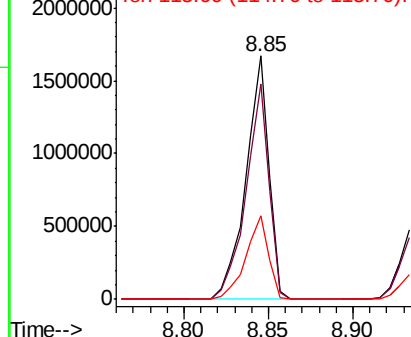
142 100

141 88.5 70.4 105.6

115 34.4 27.8 41.6



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



#38

1-Methylnaphthalene

Concen: 41.227 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

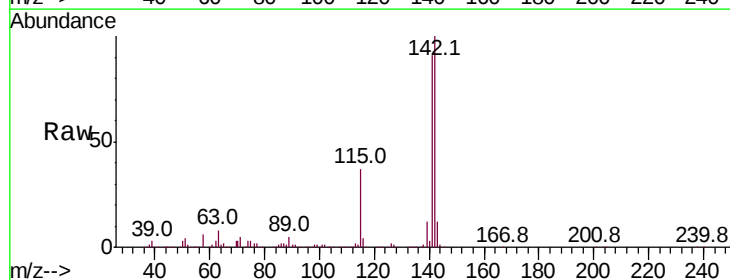
Tgt Ion:142 Resp: 1510932

Ion Ratio Lower Upper

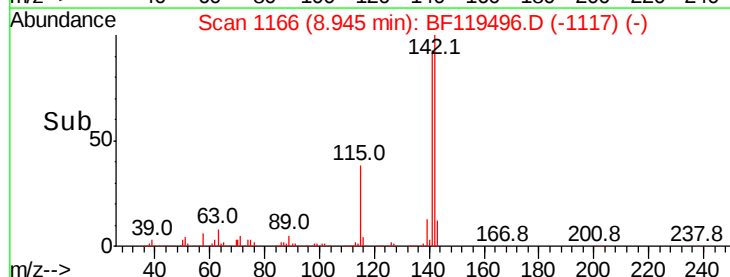
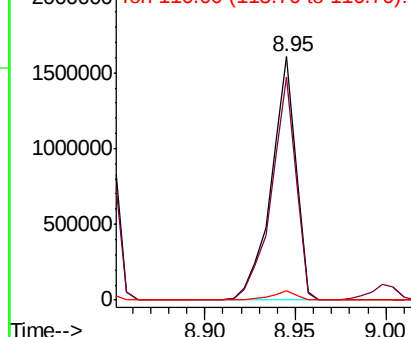
142 100

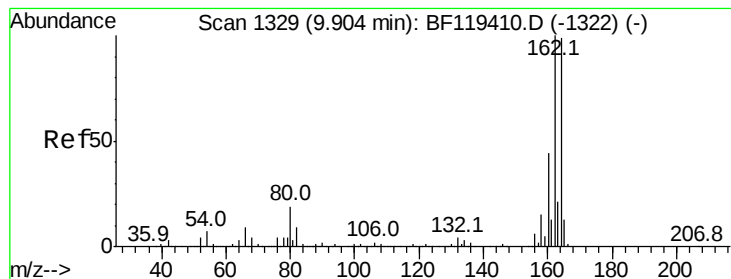
141 91.4 73.1 109.7

116 3.7 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

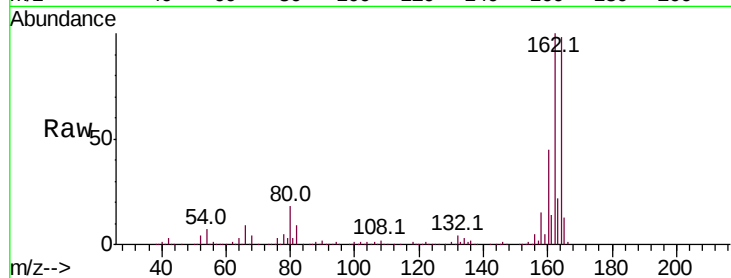
Tot Ion:164 Resp: 606432

Ion Ratio Lower Upper

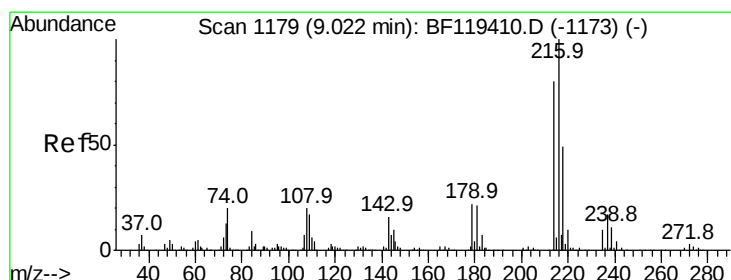
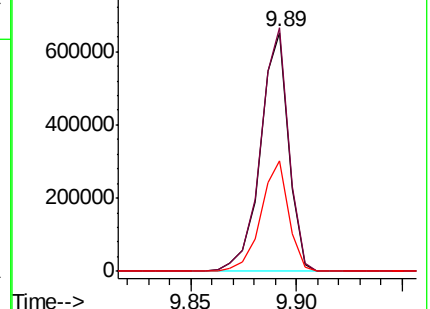
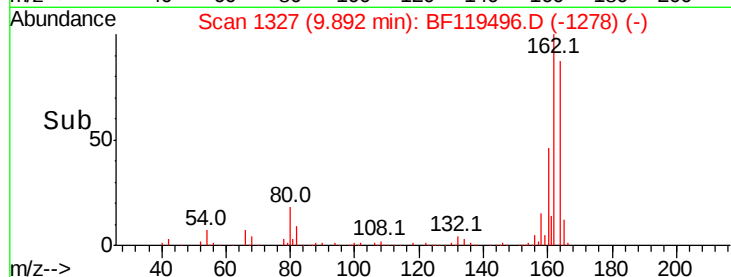
164 100

162 102.0 80.7 121.1

160 46.3 35.5 53.3



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.175 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:216 Resp: 678555

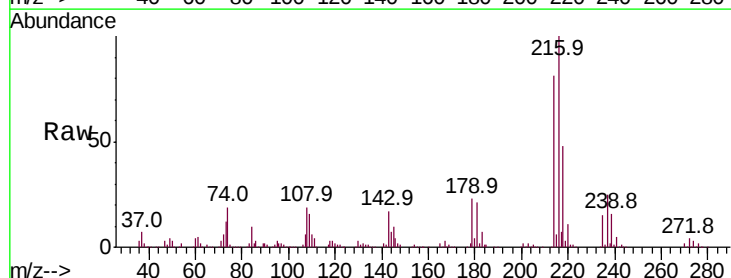
Ion Ratio Lower Upper

216 100

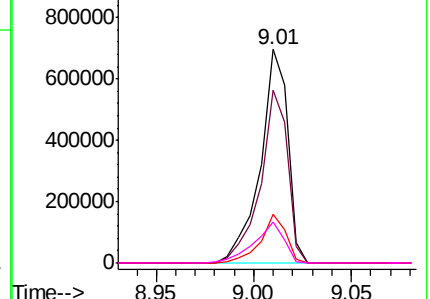
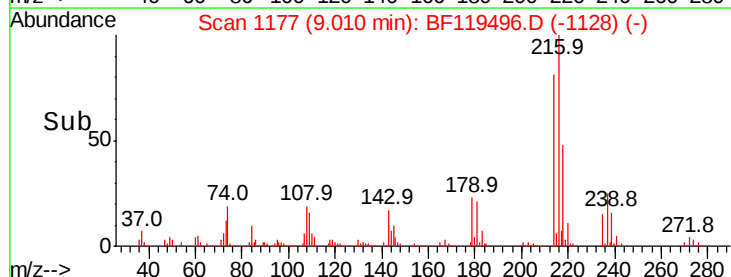
214 80.4 63.0 94.6

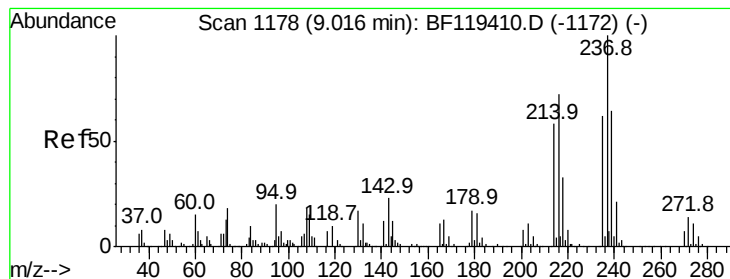
179 21.2 17.0 25.4

108 20.8 15.4 23.0



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





#41

Hexachlorocyclopentadiene

Concen: 81.368 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

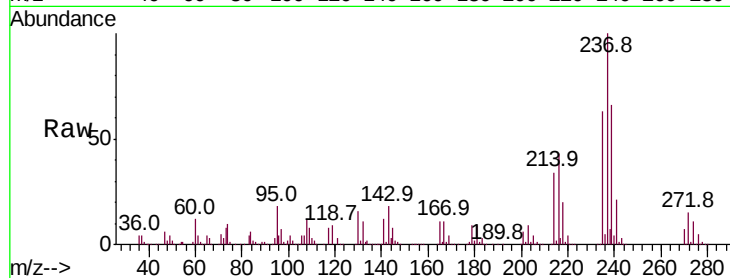
Tot Ion:237 Resp: 822247

Ion Ratio Lower Upper

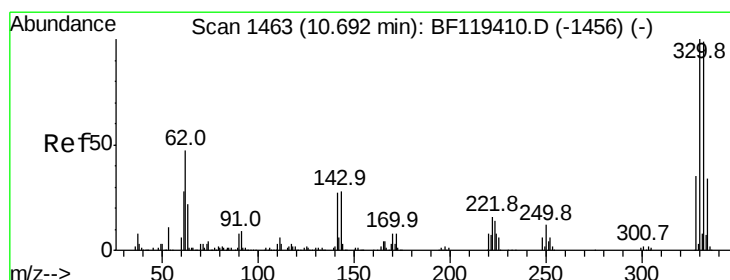
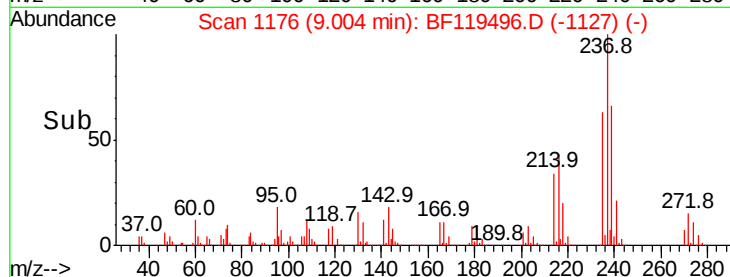
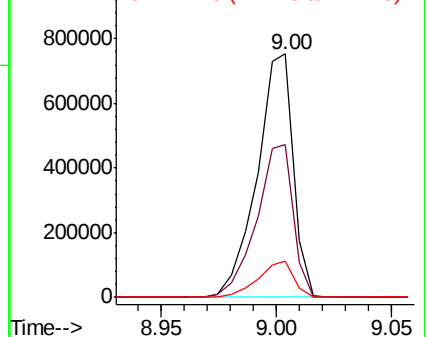
237 100

235 62.9 42.5 82.5

272 14.7 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 122.687 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

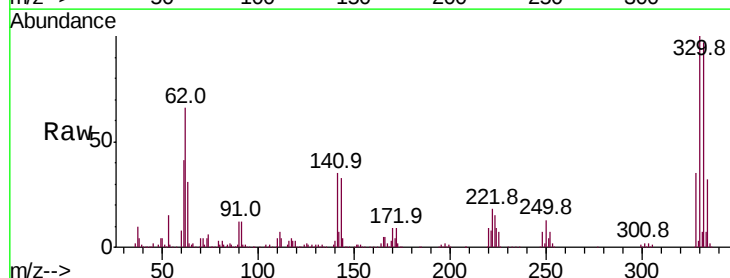
Tgt Ion:330 Resp: 767575

Ion Ratio Lower Upper

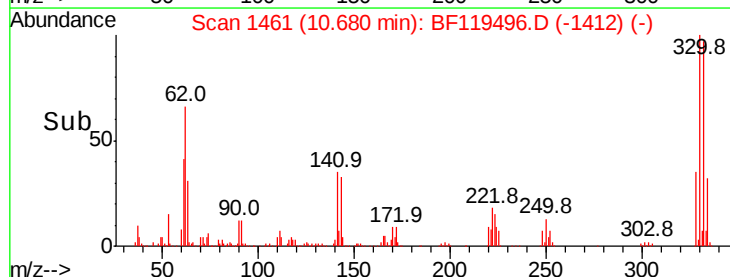
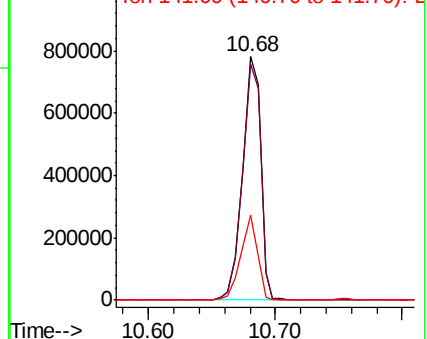
330 100

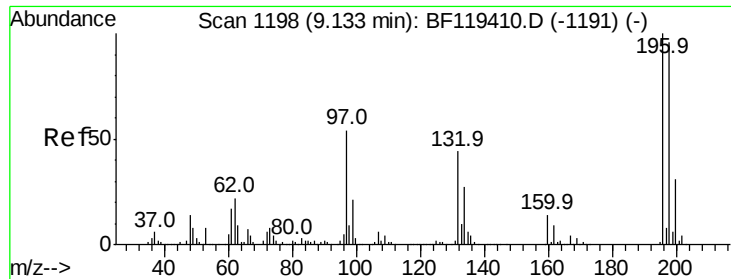
332 98.1 77.6 116.4

141 32.0 26.6 40.0



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

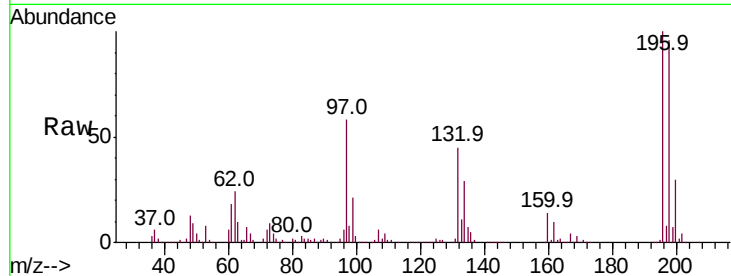




#43
 2,4,6-Trichlorophenol
 Concen: 41.058 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	77.0	115.4
200	30.0	25.1	37.7

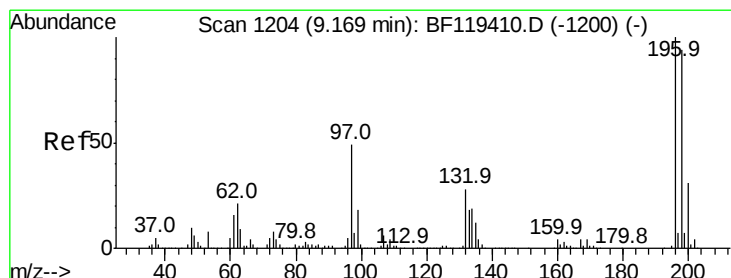
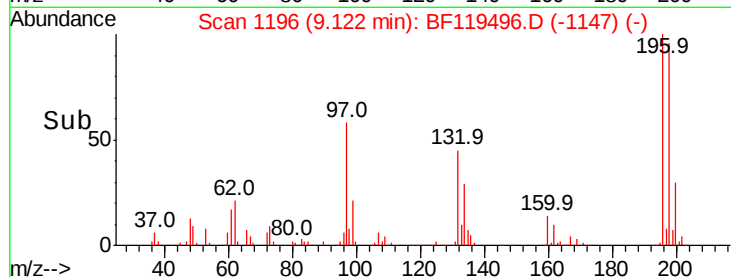
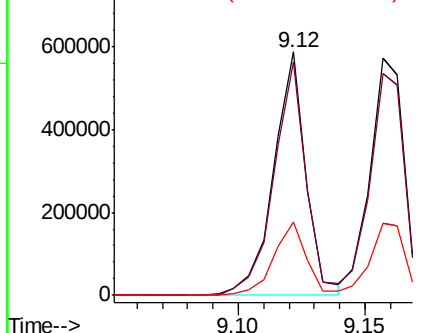


Abundance

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: 37.755 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.3	112.9
97	54.5	39.0	58.4
132	30.3	22.9	34.3

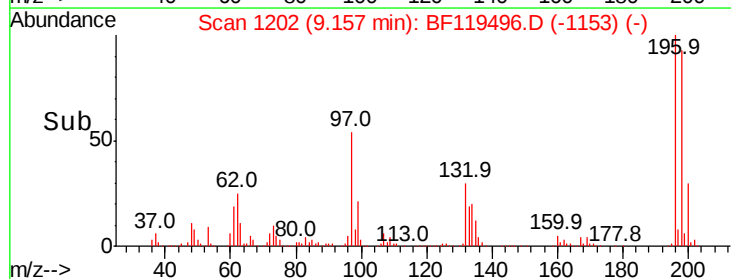
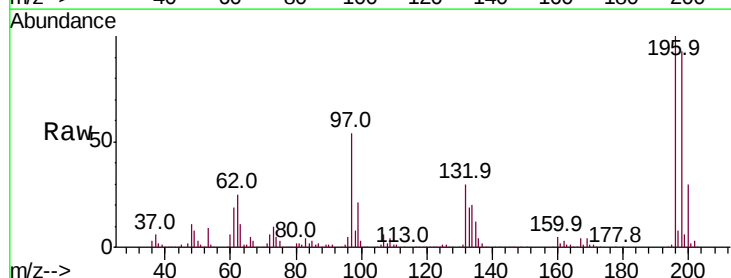
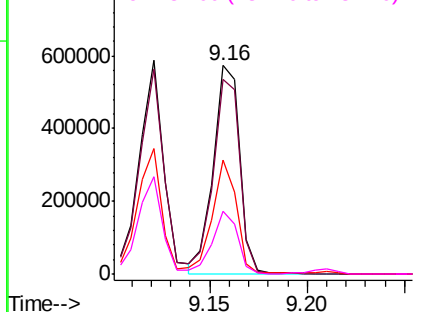
Abundance

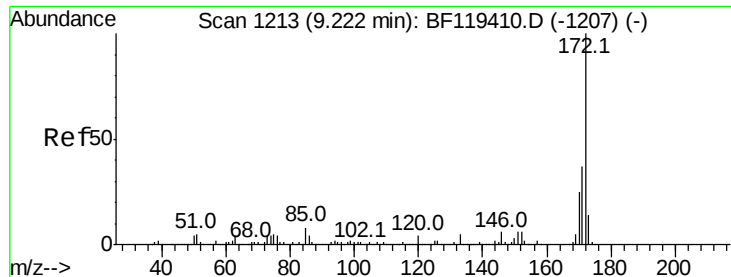
Ion 196.00 (195.70 to 196.70): E

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



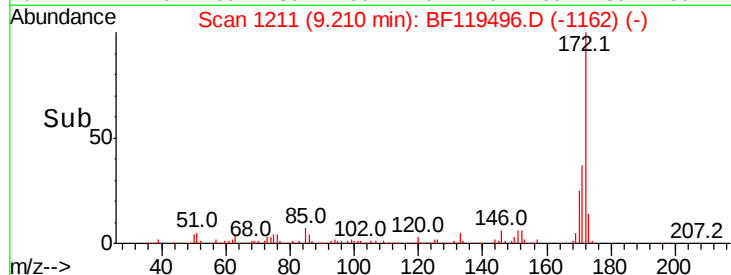
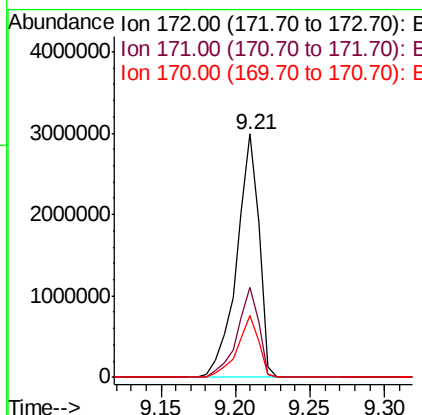
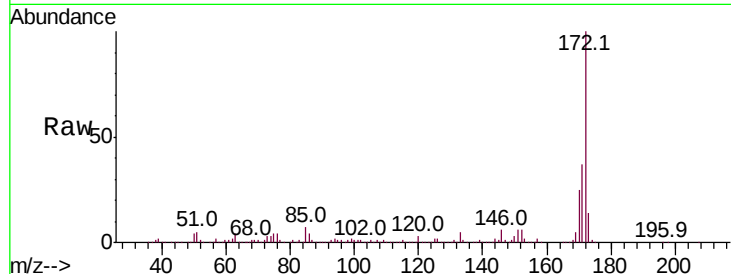


#45
 2-Fluorobiphenyl
 Concen: 76.015 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:172 Resp: 3111610

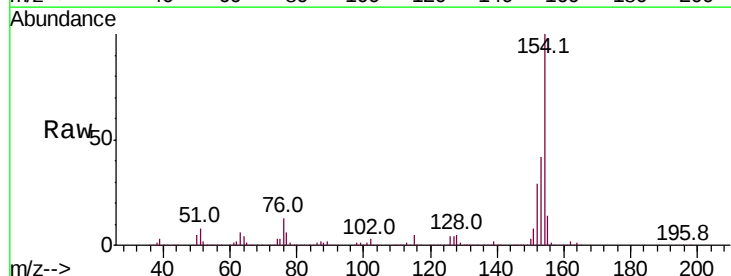
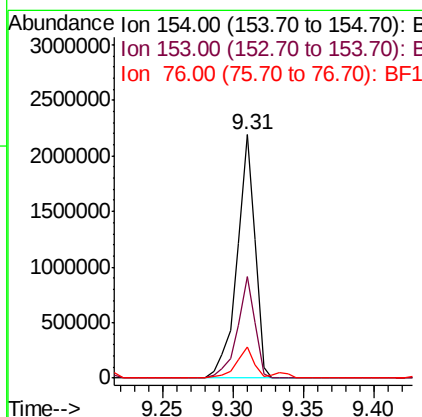
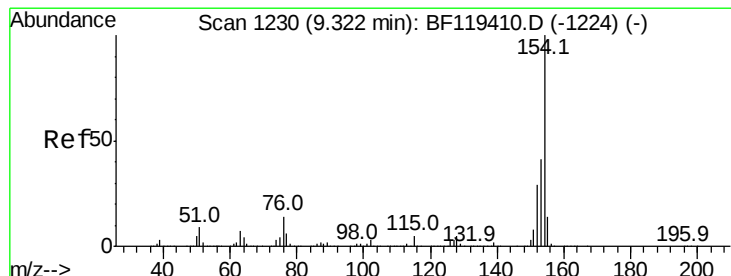
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.5	20.1	30.1

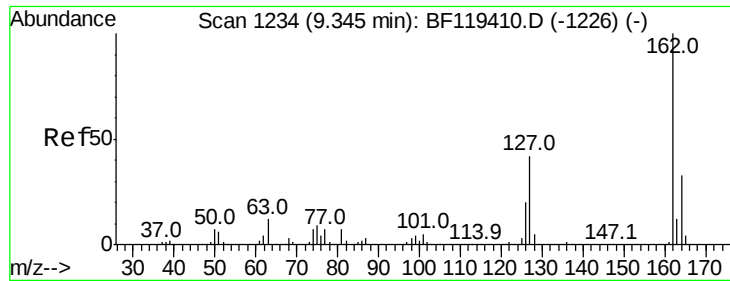


#46
 1,1'-Biphenyl
 Concen: 38.939 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:154 Resp: 1923234

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	12.9	0.0	33.6

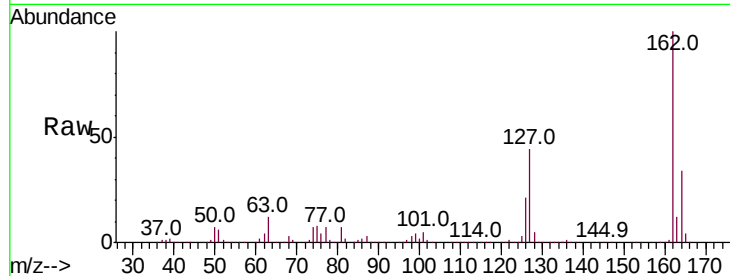




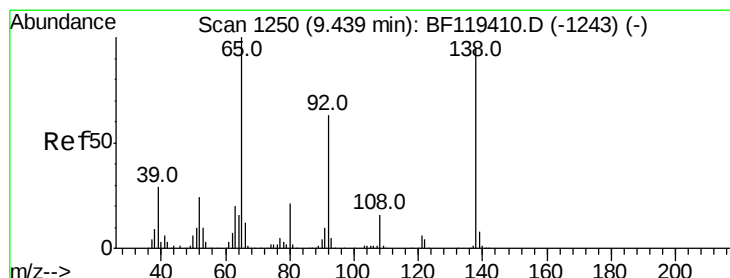
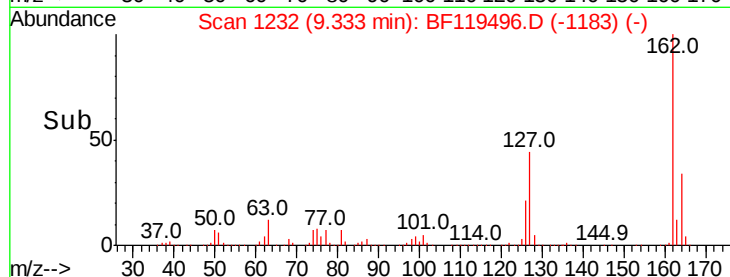
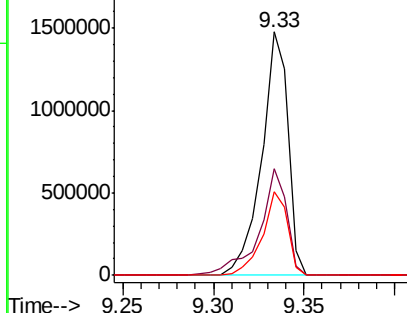
#47
2-Chloronaphthalene
Concen: 38.612 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:162 Resp: 1493838
Ion Ratio Lower Upper
162 100
127 43.7 33.7 50.5
164 34.4 26.2 39.4

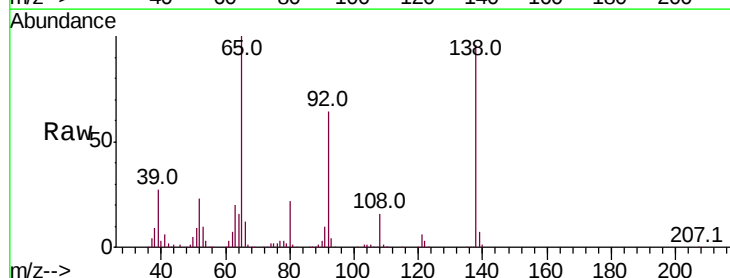


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

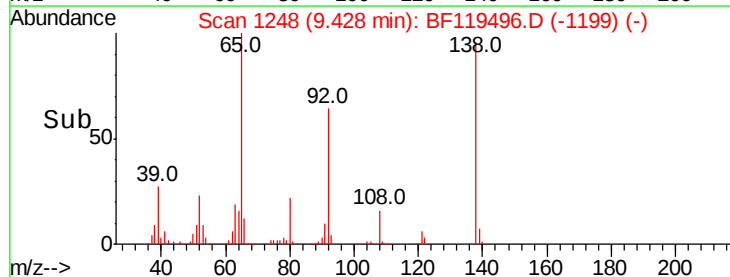
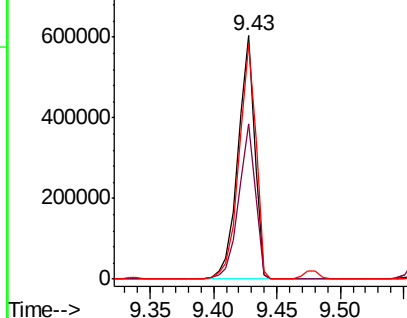


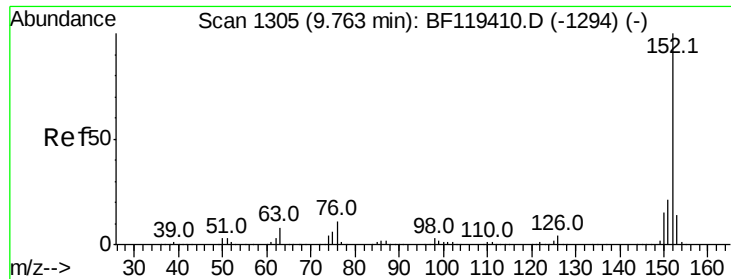
#48
2-Nitroaniline
Concen: 40.685 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion: 65 Resp: 543298
Ion Ratio Lower Upper
65 100
92 63.9 50.5 75.7
138 96.1 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
800000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.800 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

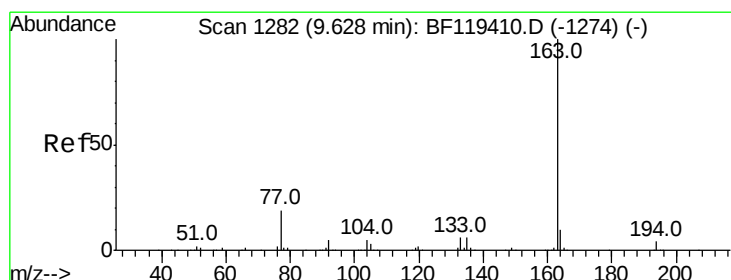
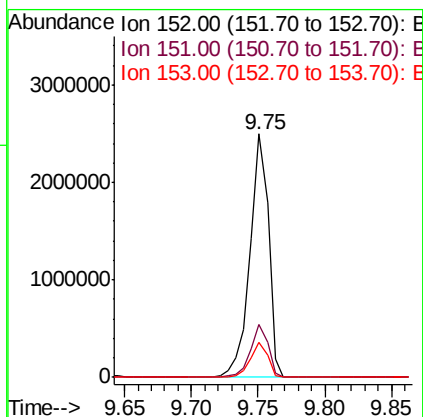
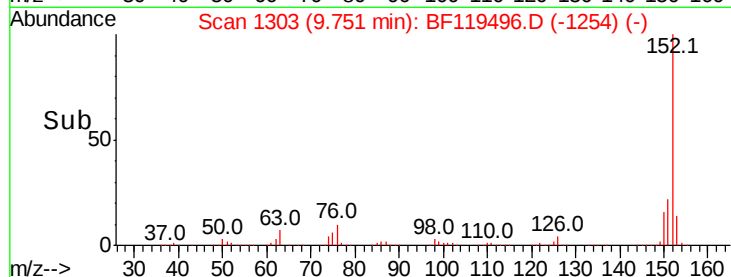
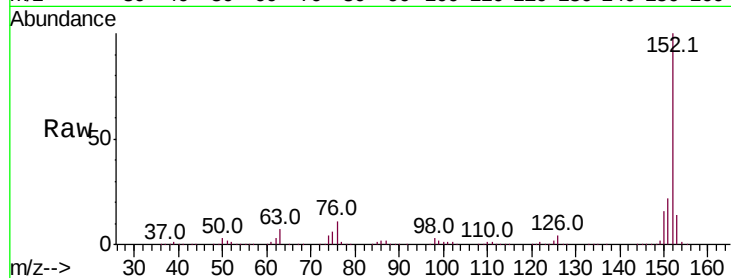
Tot Ion:152 Resp: 2357311

Ion Ratio Lower Upper

152 100

151 21.7 16.8 25.2

153 14.1 11.2 16.8



#50

Dimethylphthalate

Concen: 40.608 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

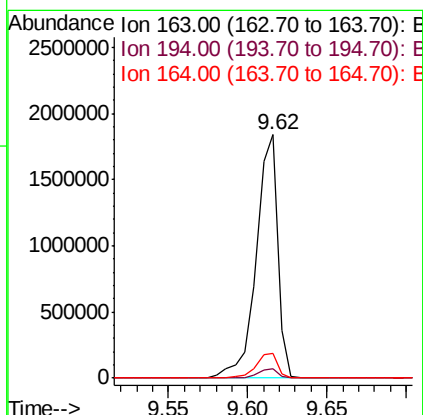
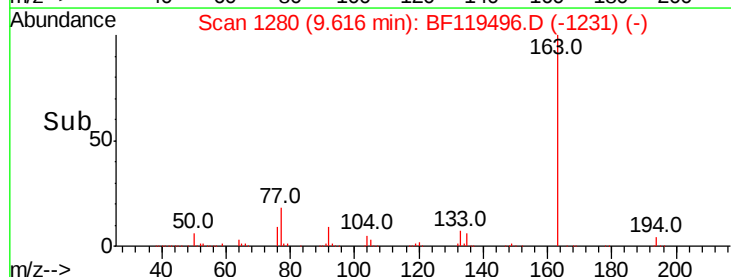
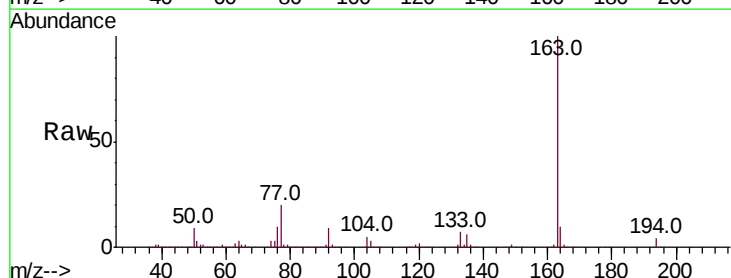
Tgt Ion:163 Resp: 1749178

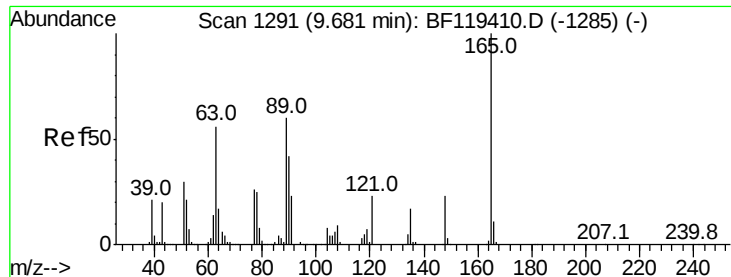
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 8.1 12.1

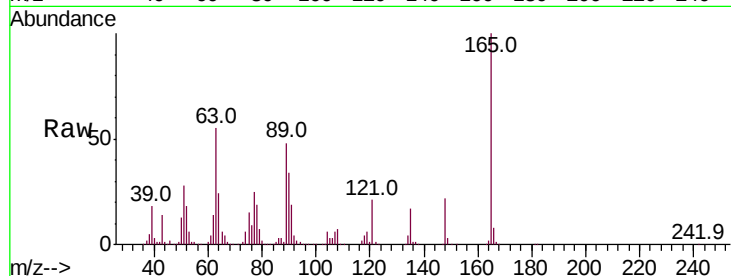




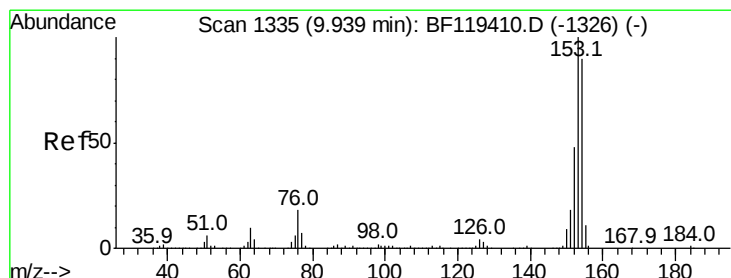
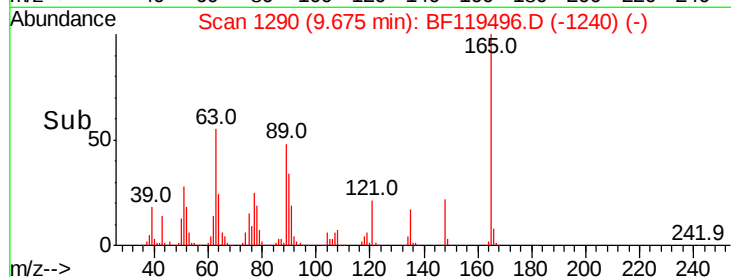
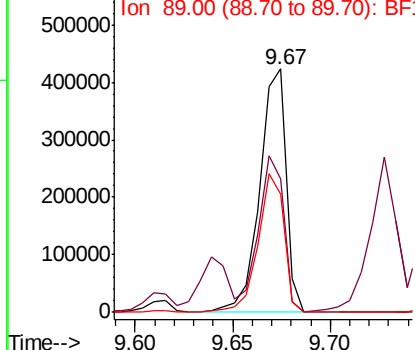
#51
2,6-Dinitrotoluene
Concen: 43.023 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:165 Resp: 397226
Ion Ratio Lower Upper
165 100
63 54.9 57.3 85.9#
89 48.3 47.8 71.8

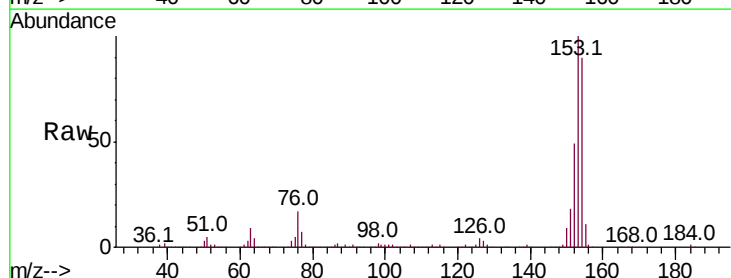


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

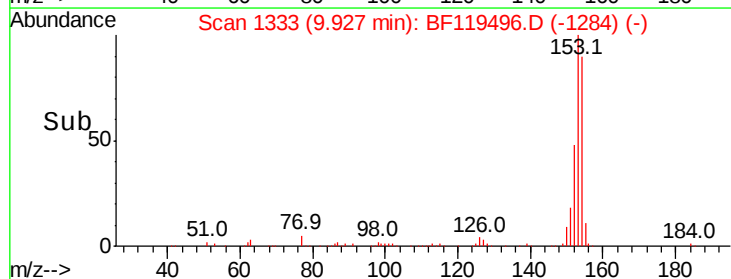
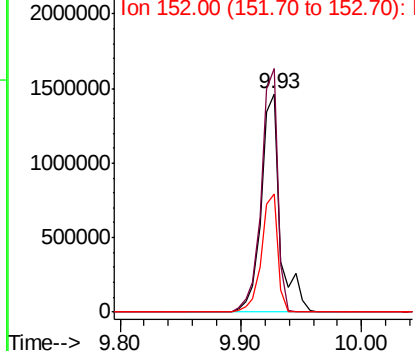


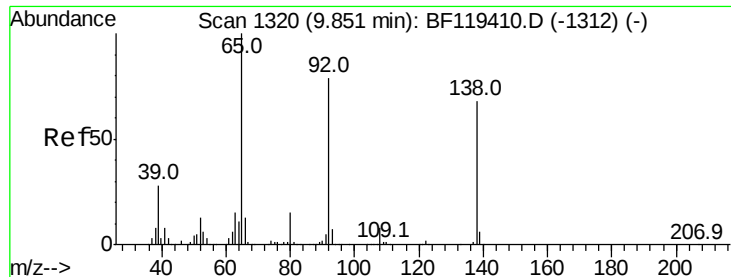
#52
Acenaphthene
Concen: 42.217 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:154 Resp: 1598983
Ion Ratio Lower Upper
154 100
153 111.4 89.0 133.6
152 54.1 43.1 64.7



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

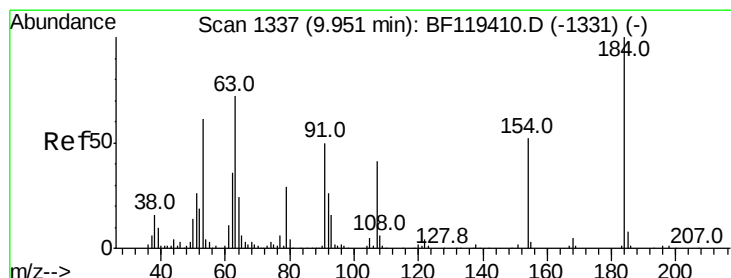
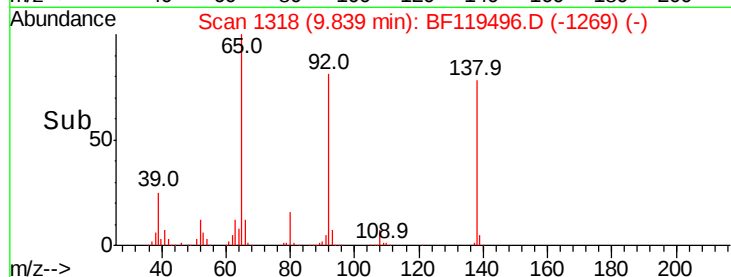
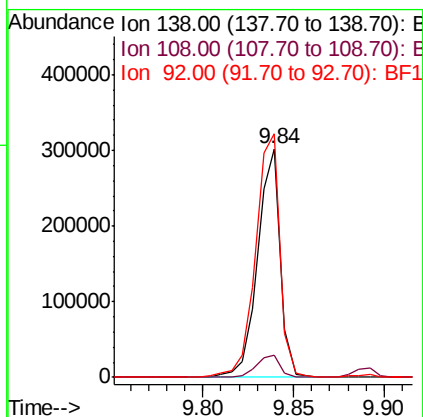
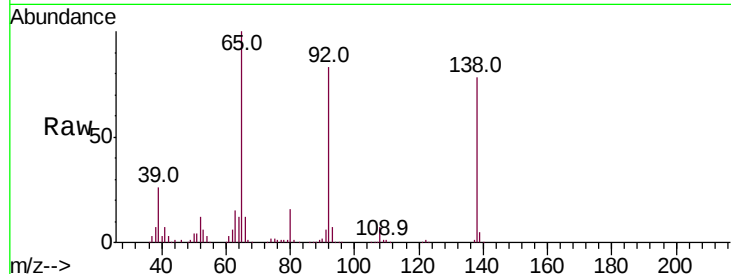




#53
3-Nitroaniline
Concen: 22.634 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

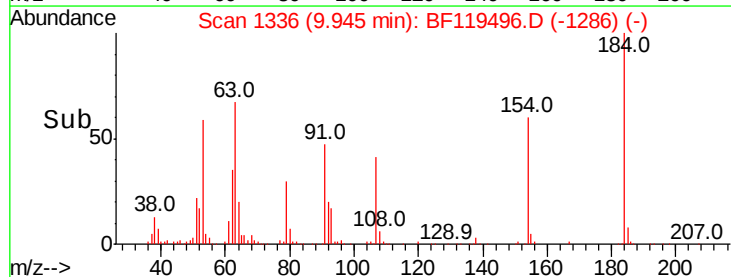
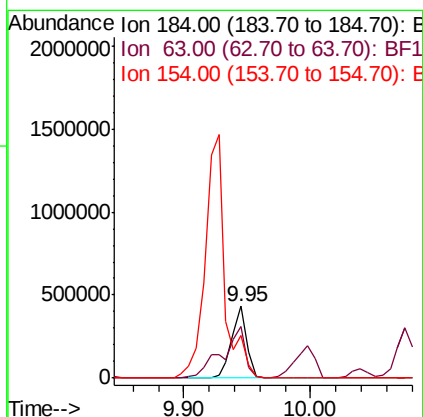
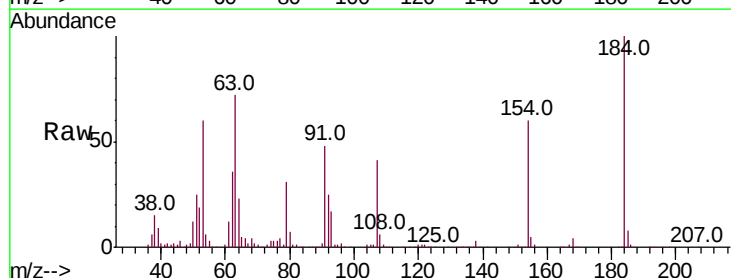
Instrument :
BNA_F
ClientSampleId :
PB127730BS

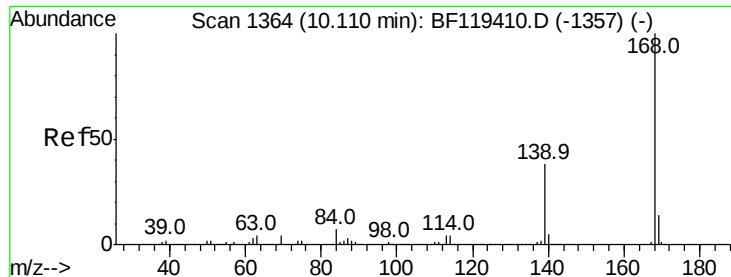
Tot Ion:138 Resp: 263826
Ion Ratio Lower Upper
138 100
108 9.5 9.0 13.6
92 106.7 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 88.162 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:184 Resp: 355476
Ion Ratio Lower Upper
184 100
63 71.7 58.5 87.7
154 59.9 51.8 77.6





#55

Dibenzofuran

Concen: 39.221 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

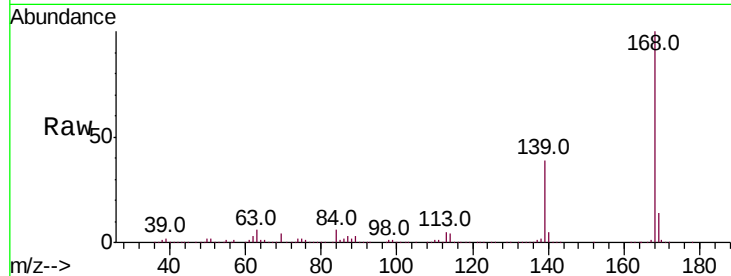
Tot Ion:168 Resp: 2129863

Ion Ratio Lower Upper

168 100

139 38.9 30.2 45.4

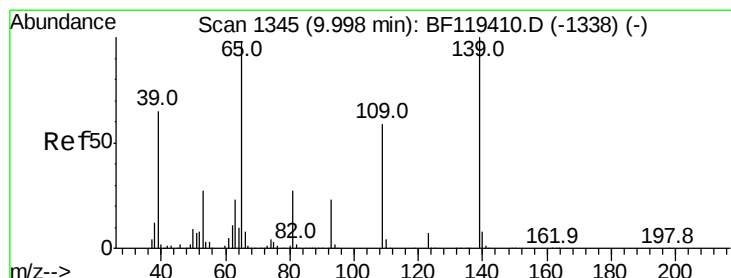
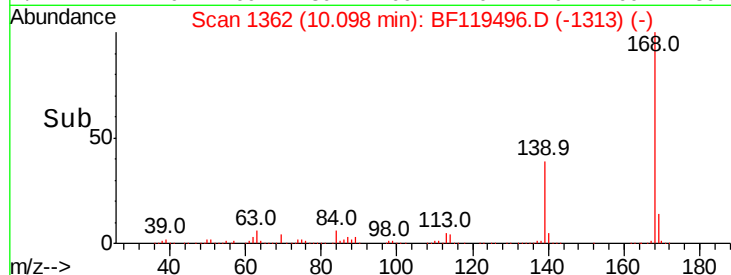
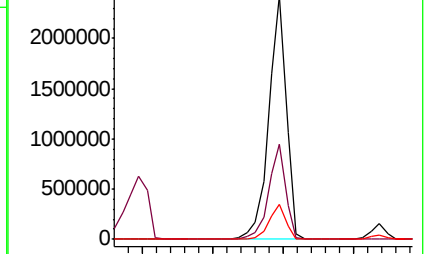
169 14.1 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.335 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

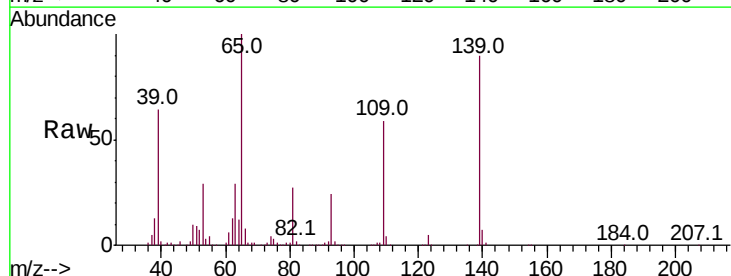
Tgt Ion:139 Resp: 711121

Ion Ratio Lower Upper

139 100

109 65.6 39.6 79.6

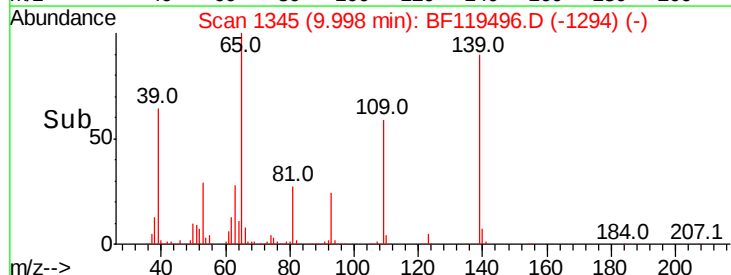
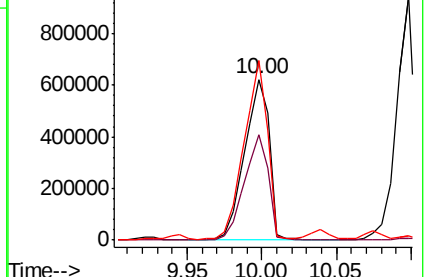
65 111.7 78.3 118.3

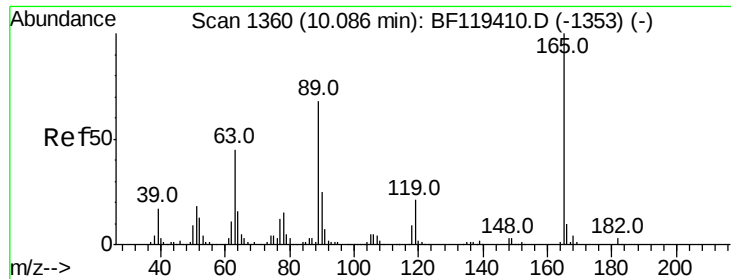


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

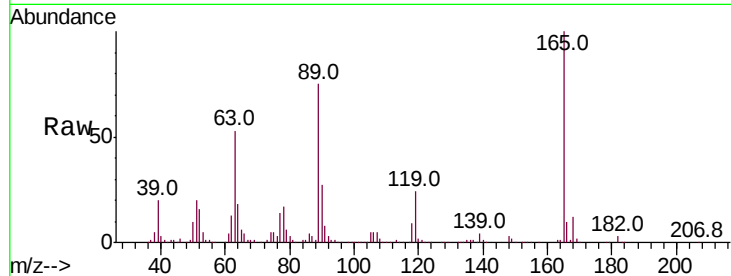




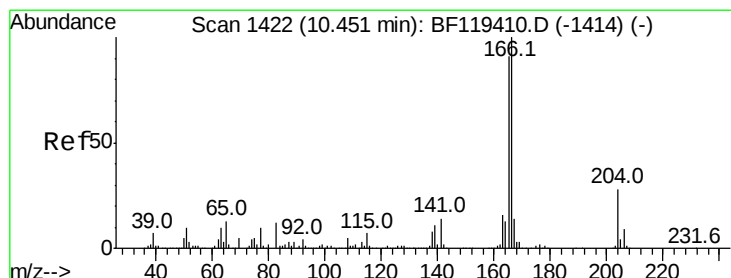
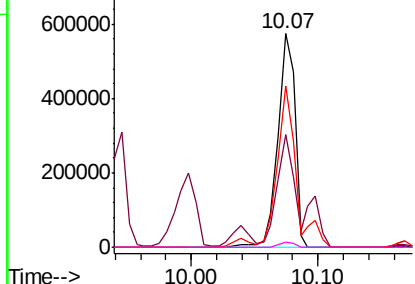
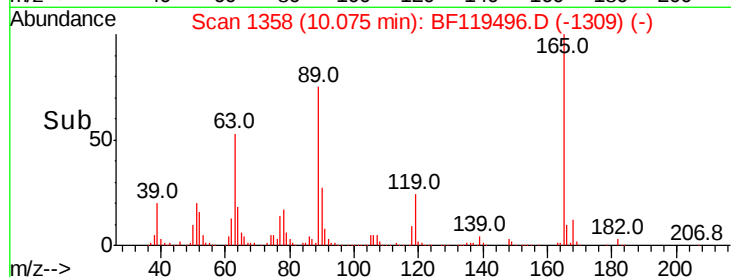
#57
2,4-Dinitrotoluene
Concen: 45.885 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:165 Resp: 533685
Ion Ratio Lower Upper
165 100
63 52.9 36.2 54.4
89 75.4 54.3 81.5
182 2.5 2.0 3.0

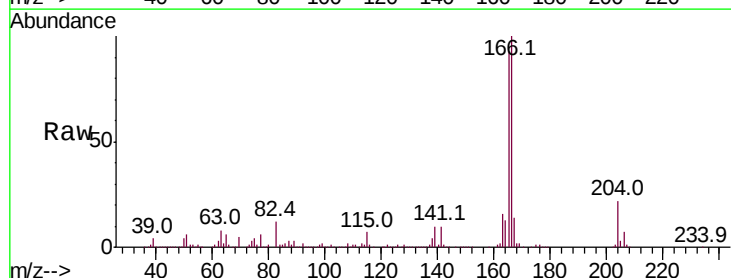


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

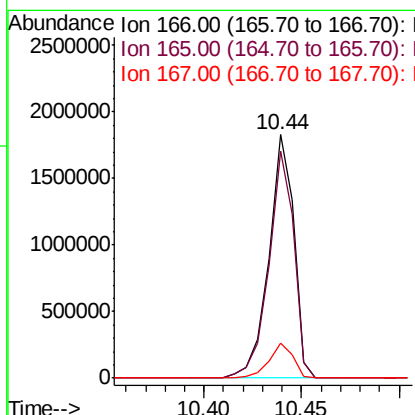
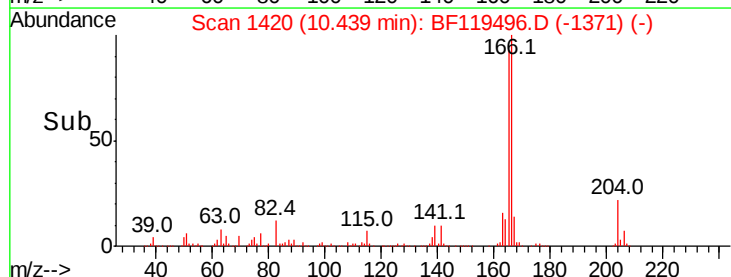


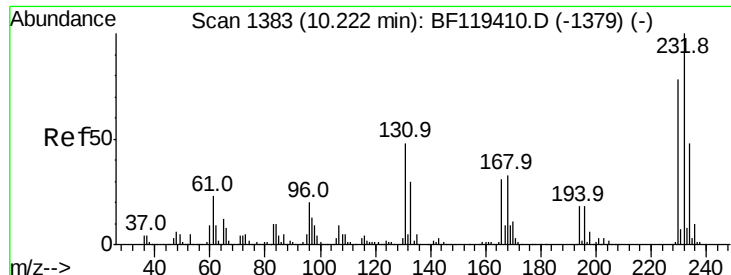
#58
Fluorene
Concen: 40.407 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:166 Resp: 1622610
Ion Ratio Lower Upper
166 100
165 93.3 73.1 109.7
167 14.2 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

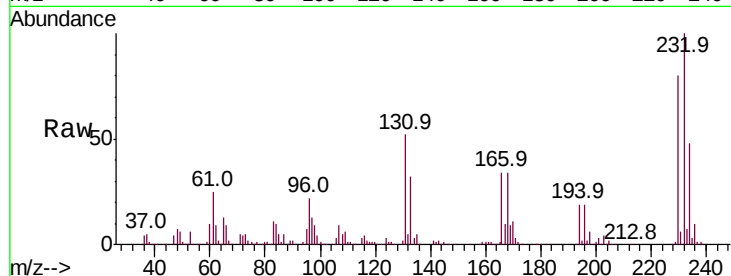




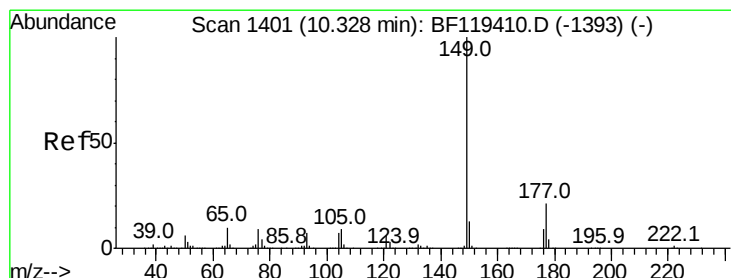
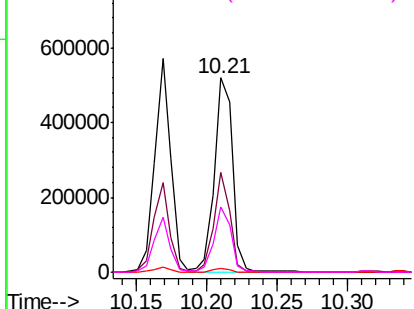
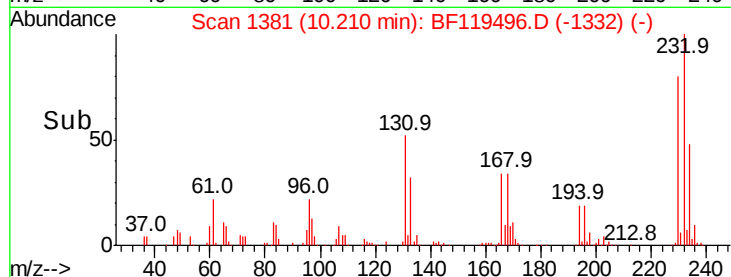
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.656 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:232 Resp: 464998
 Ion Ratio Lower Upper
 232 100
 131 45.4 36.3 54.5
 130 2.0 1.8 2.6
 166 31.9 24.9 37.3

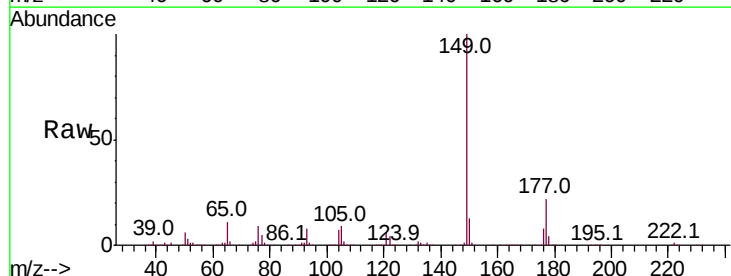


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

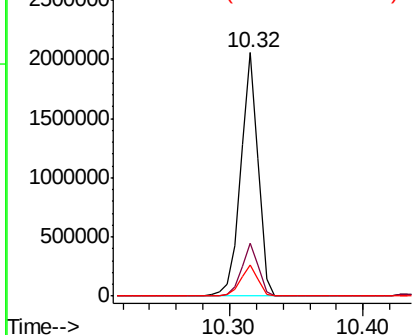
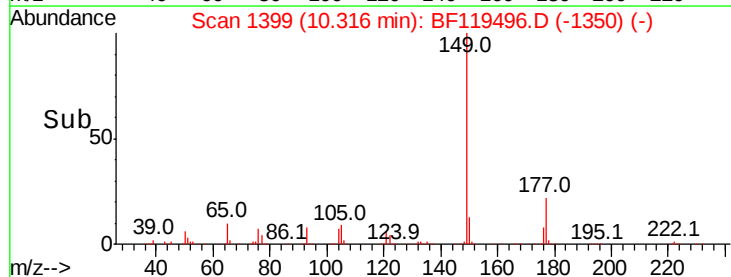


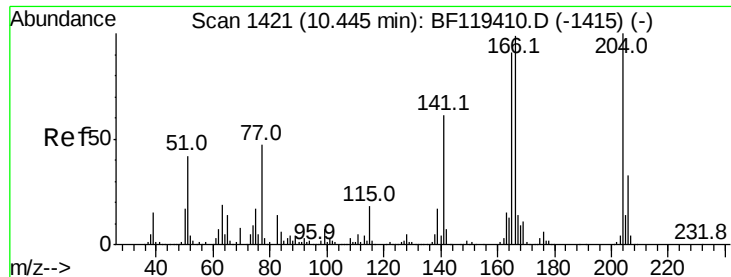
#60
 Diethylphthalate
 Concen: 42.149 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:149 Resp: 1842682
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.0 25.6
 150 13.0 10.2 15.4



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

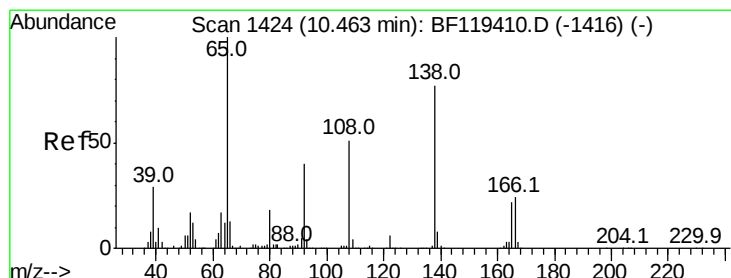
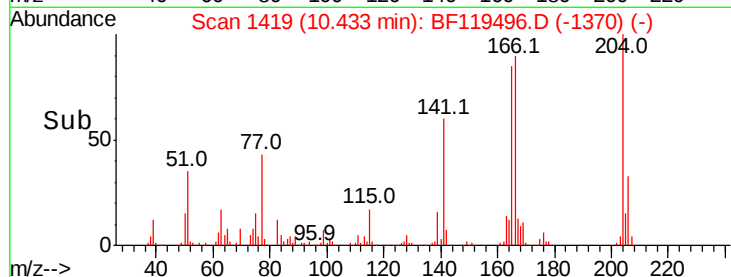
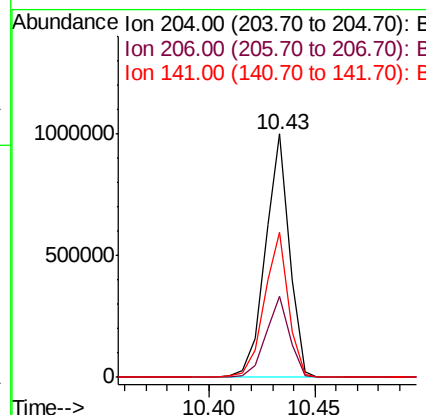
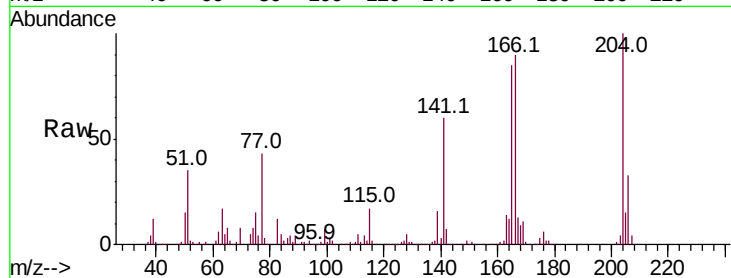




#61
 4-Chlorophenyl-phenylether
 Concen: 40.436 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

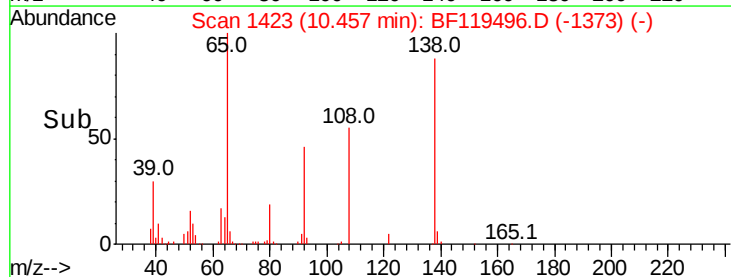
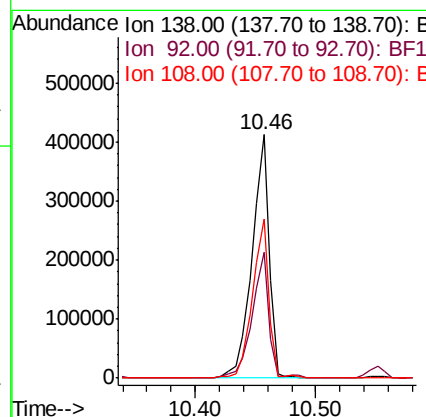
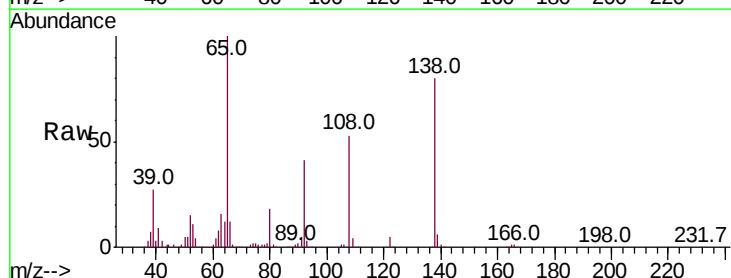
Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

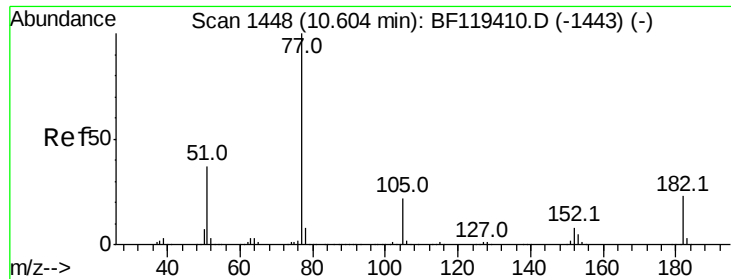
Tot Ion:204 Resp: 794049
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 59.7 48.8 73.2



#62
 4-Nitroaniline
 Concen: 36.834 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:138 Resp: 411721
 Ion Ratio Lower Upper
 138 100
 92 51.6 32.0 72.0
 108 65.5 46.0 86.0





#63

Azobenzene

Concen: 39.785 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

Tot Ion: 77 Resp: 1751544

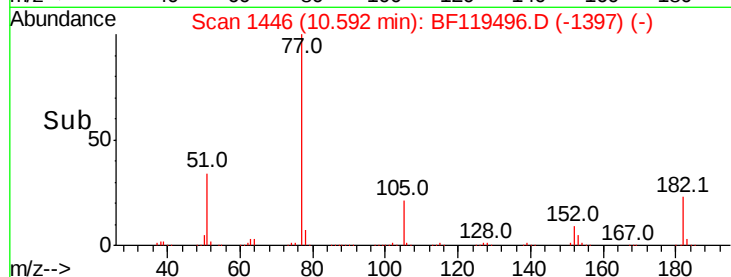
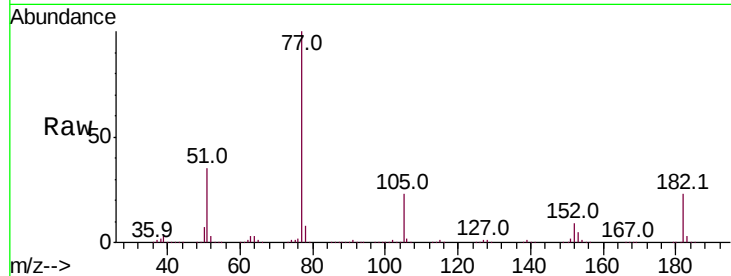
Ion	Ratio	Lower	Upper
77	100		
182	23.2	2.5	42.5
105	23.0	2.5	42.5
51	34.7	17.1	57.1

77 100

182 23.2 2.5 42.5

105 23.0 2.5 42.5

51 34.7 17.1 57.1



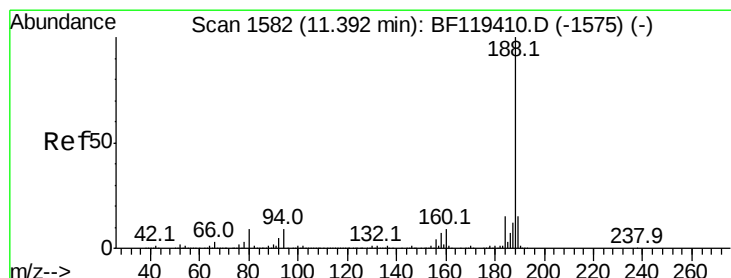
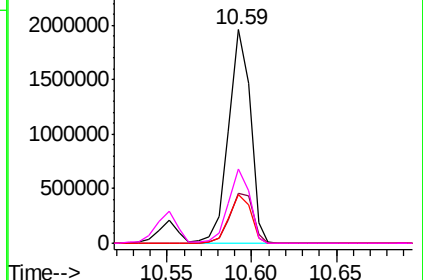
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

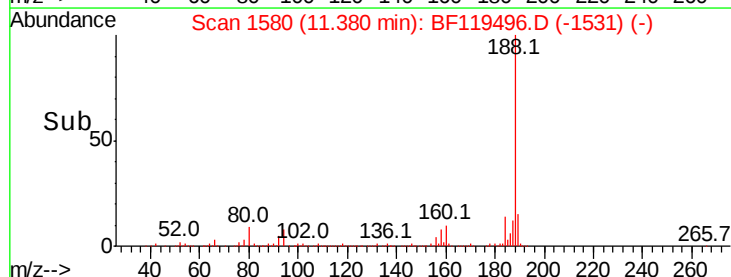
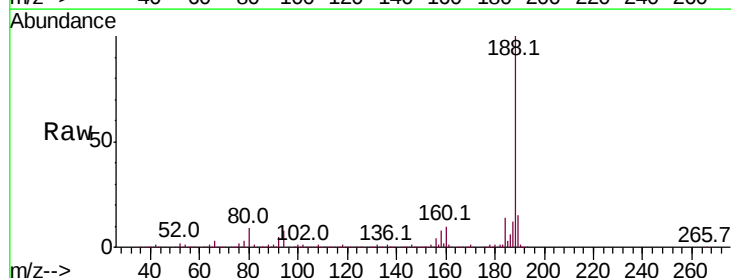
Tgt Ion: 188 Resp: 1165102

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.2	7.5	11.3

188 100

94 8.3 7.1 10.7

80 9.2 7.5 11.3

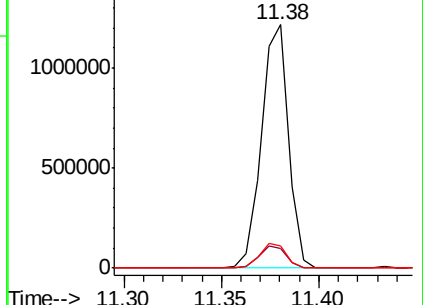


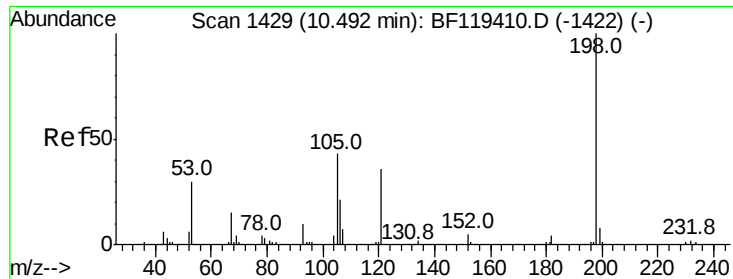
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

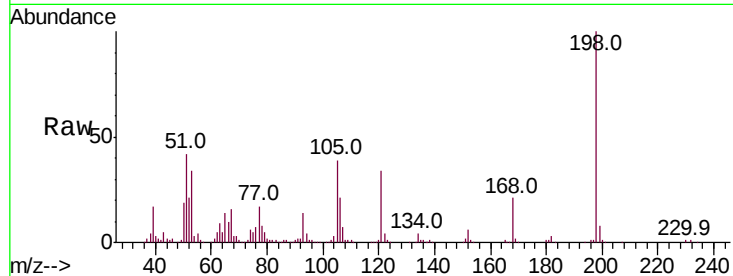




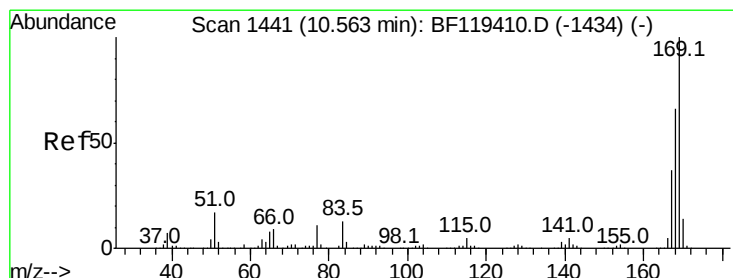
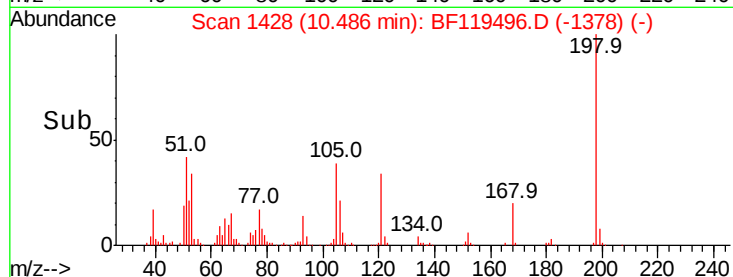
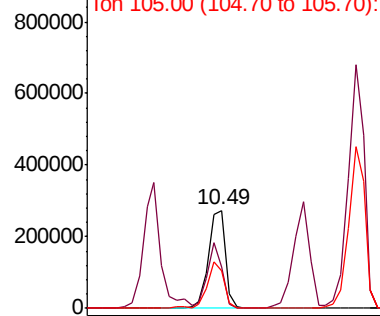
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.238 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:198 Resp: 250326
 Ion Ratio Lower Upper
 198 100
 51 42.2 33.1 73.1
 105 38.7 24.1 64.1

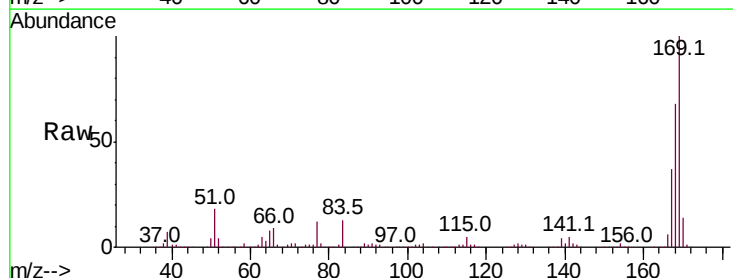


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

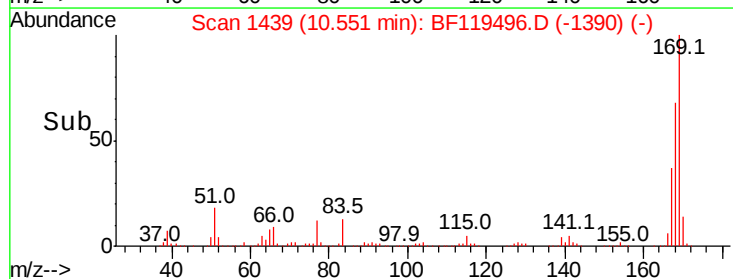
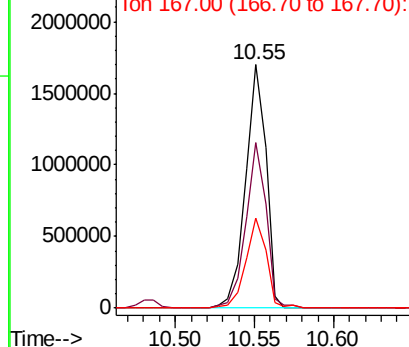


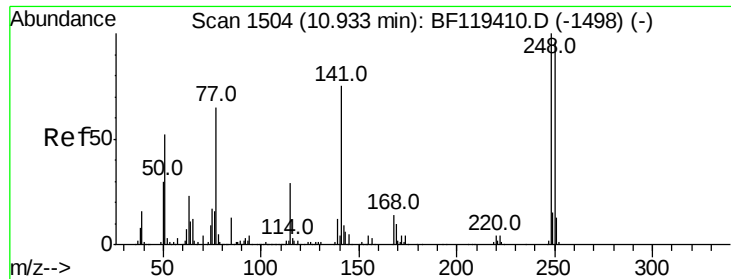
#66
 n-Nitrosodiphenylamine
 Concen: 39.738 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:169 Resp: 1519924
 Ion Ratio Lower Upper
 169 100
 168 67.8 52.7 79.1
 167 36.9 29.3 43.9



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

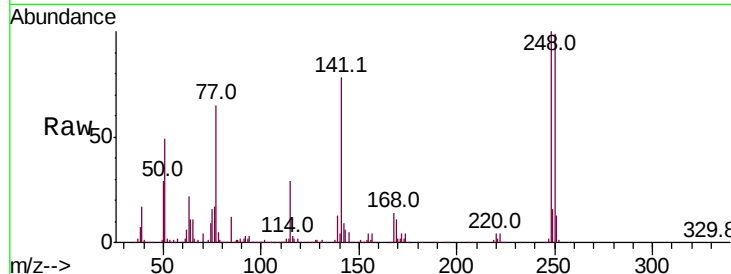




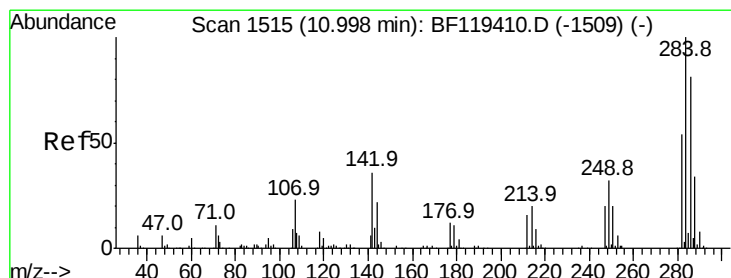
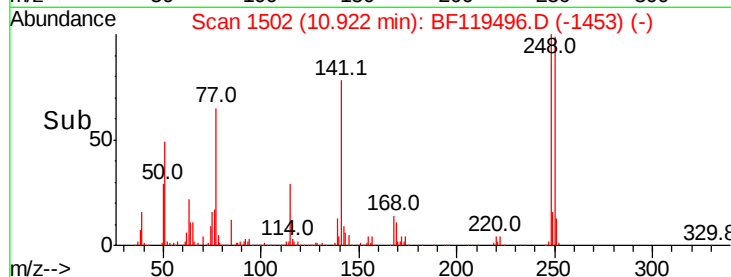
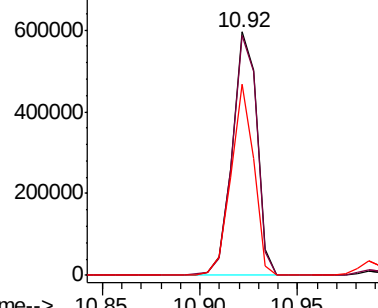
#67
4-Bromophenyl-phenylether
Concen: 39.215 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:248 Resp: 520342
Ion Ratio Lower Upper
248 100
250 98.6 77.0 115.6
141 78.4 59.7 89.5

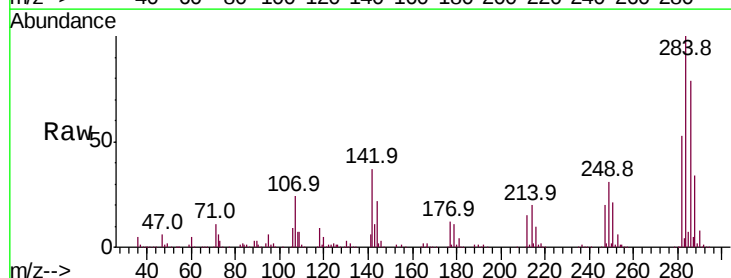


Abundance Ion 248.00 (247.70 to 248.70): E
800000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

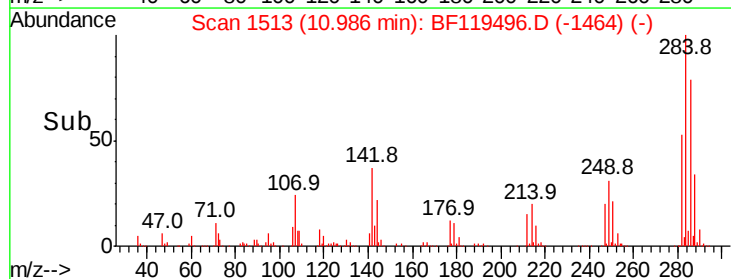
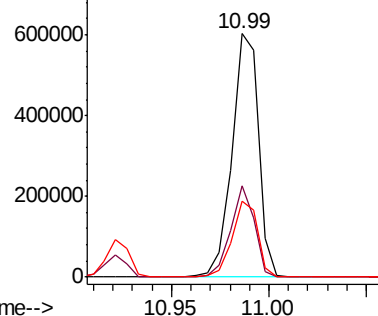


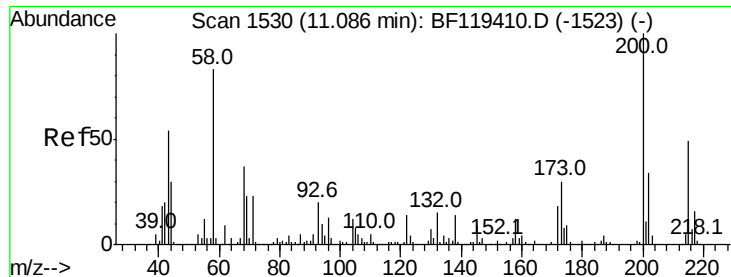
#68
Hexachlorobenzene
Concen: 41.680 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:284 Resp: 566042
Ion Ratio Lower Upper
284 100
142 37.5 28.7 43.1
249 31.4 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
800000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

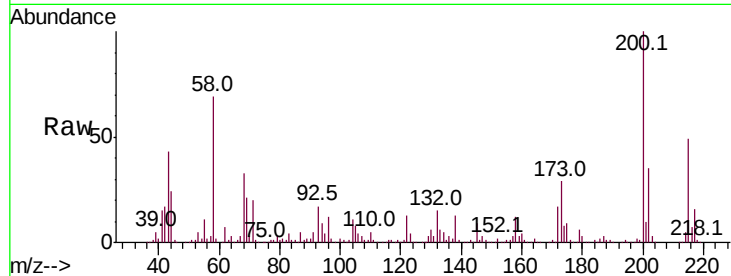




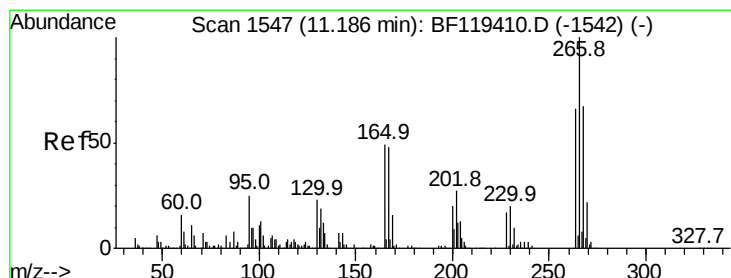
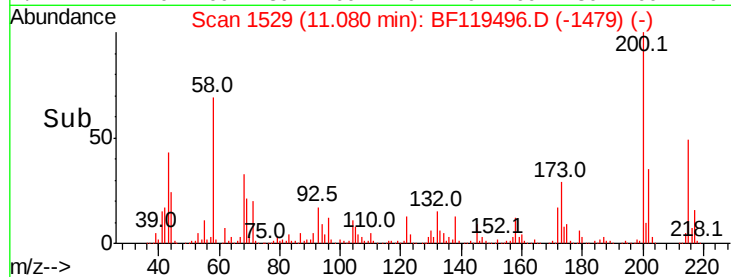
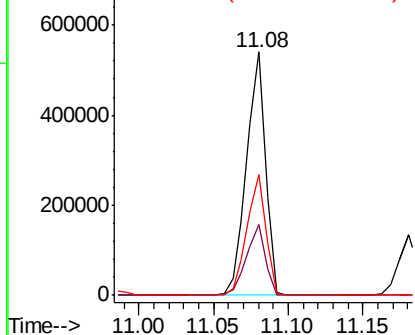
#69
Atrazine
Concen: 45.614 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:200 Resp: 478299
Ion Ratio Lower Upper
200 100
173 29.1 9.9 49.9
215 49.4 29.4 69.4

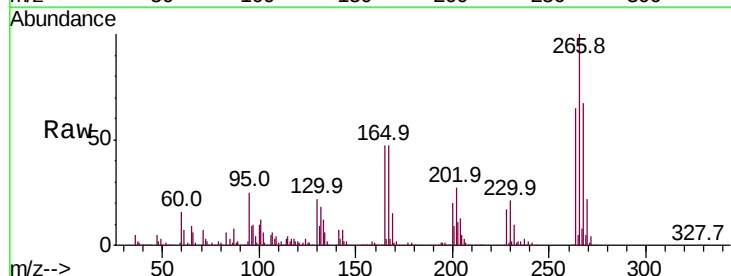


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

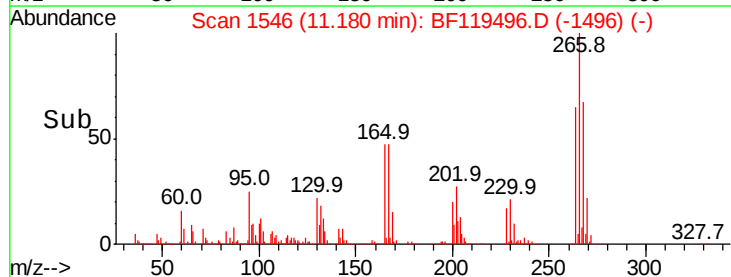
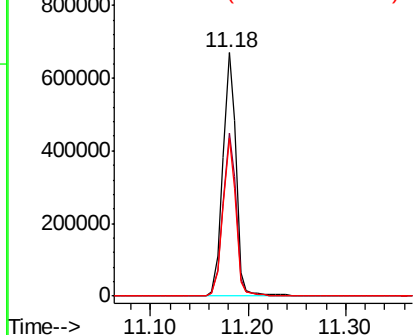


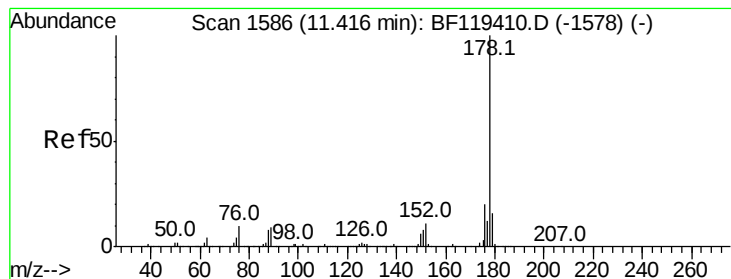
#70
Pentachlorophenol
Concen: 79.551 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:266 Resp: 633467
Ion Ratio Lower Upper
266 100
268 67.0 53.7 80.5
264 64.8 52.5 78.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.269 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

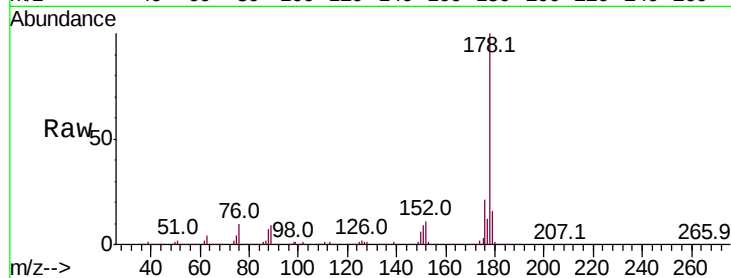
Tot Ion:178 Resp: 2372406

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

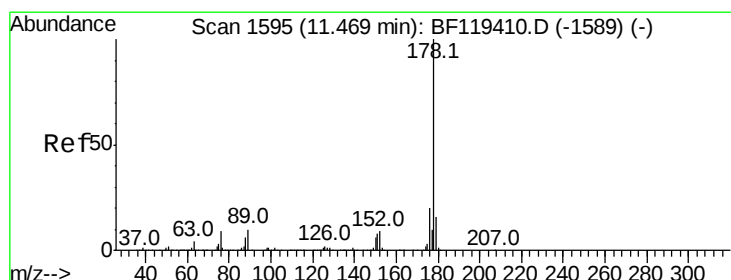
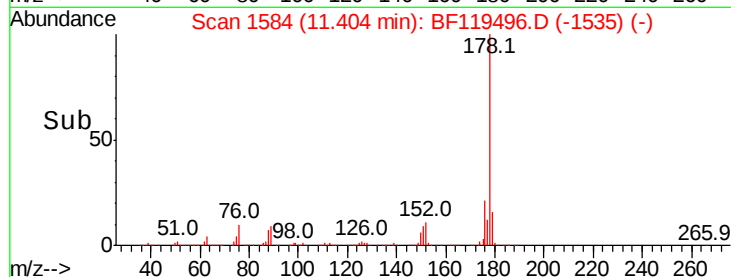
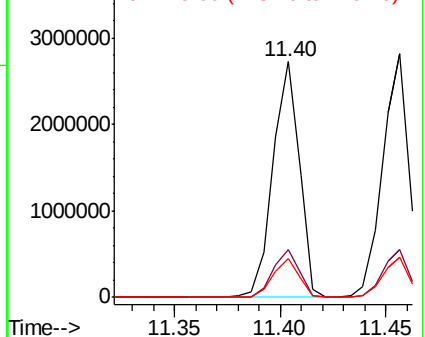
179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.959 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

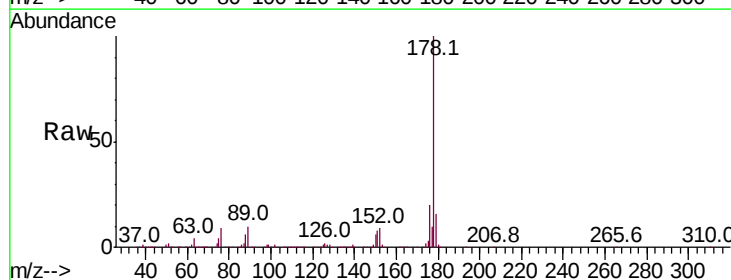
Tgt Ion:178 Resp: 2453517

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

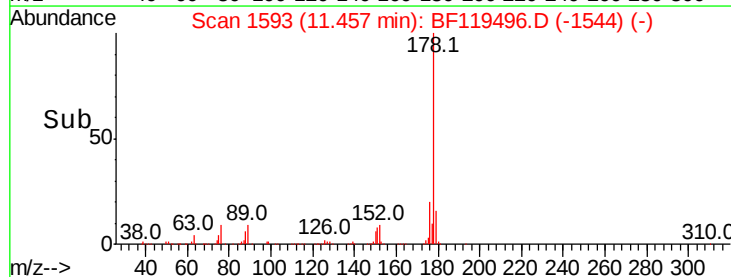
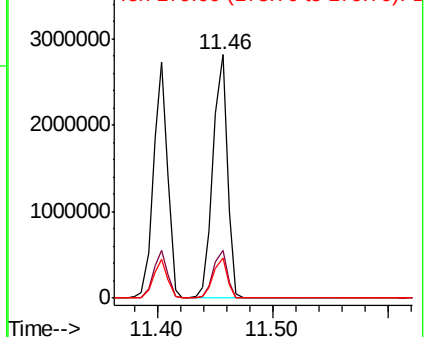
179 16.2 13.1 19.7

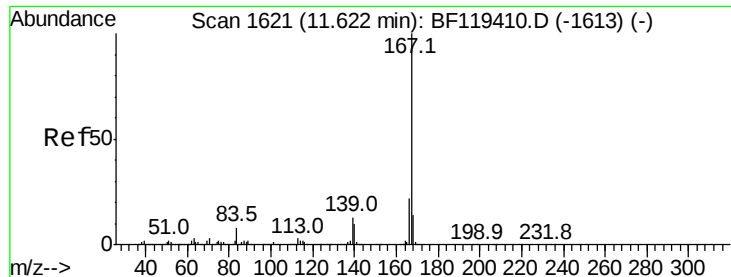


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



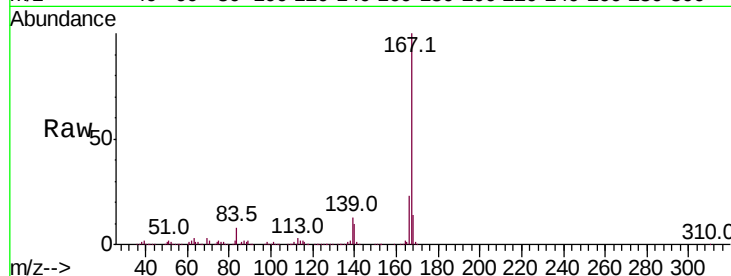


#73
 Carbazole
 Concen: 37.616 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

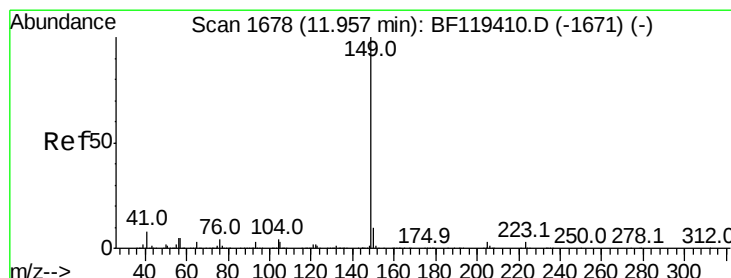
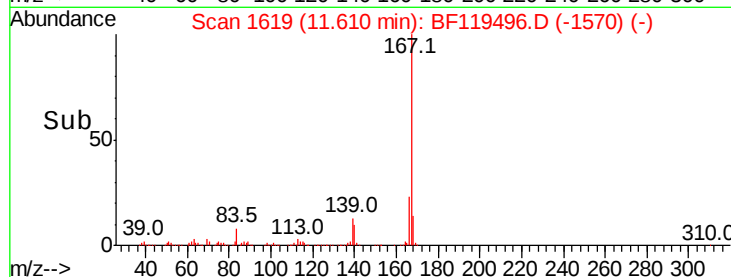
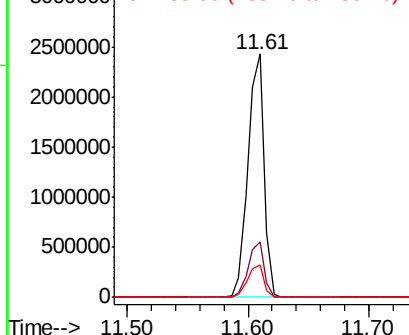
Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:167 Resp: 2286123

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	13.2	10.2	15.4



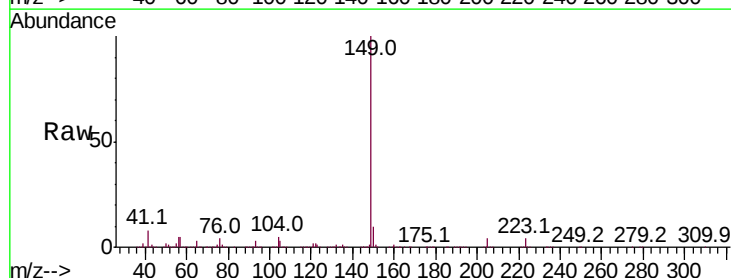
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



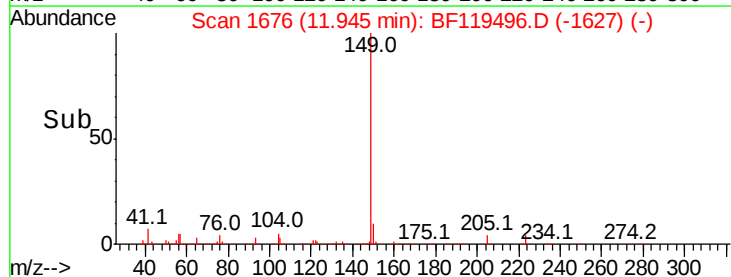
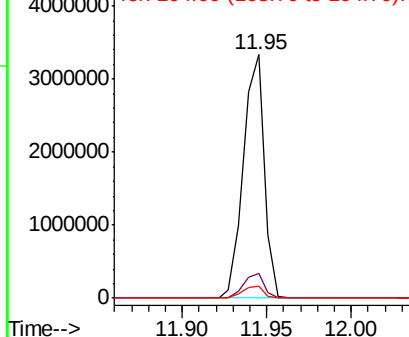
#74
 Di-n-butylphthalate
 Concen: 44.376 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

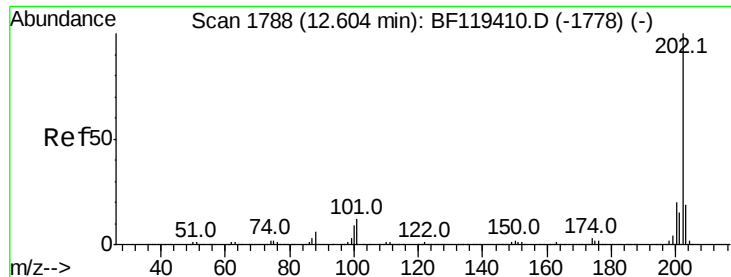
Tgt Ion:149 Resp: 2885000

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.7	3.5	5.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

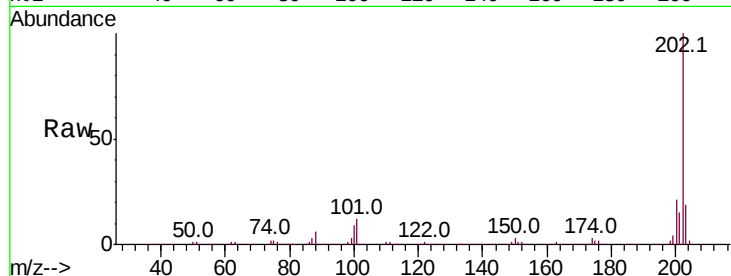




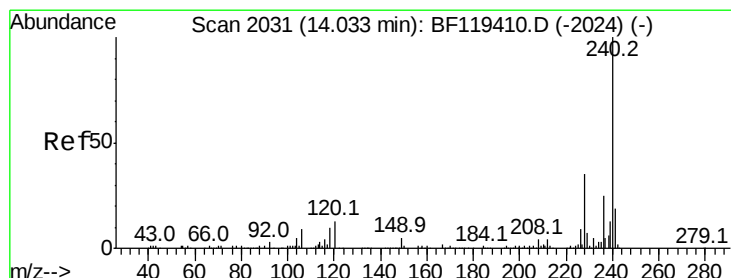
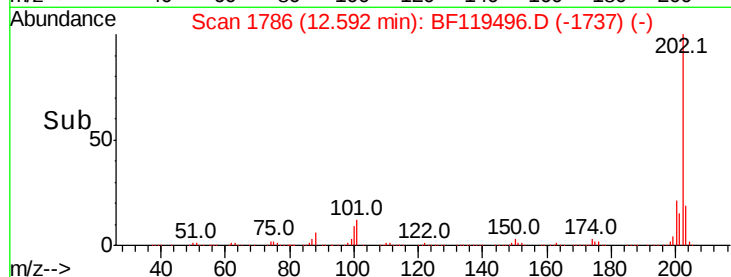
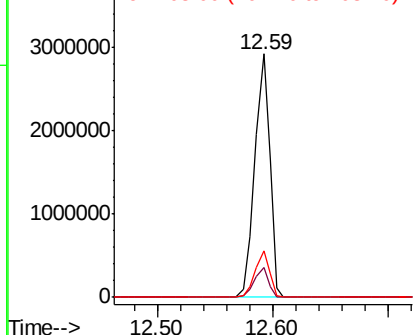
#75
 Fluoranthene
 Concen: 40.450 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:202 Resp: 2644704
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.4
 203 19.3 0.0 38.5

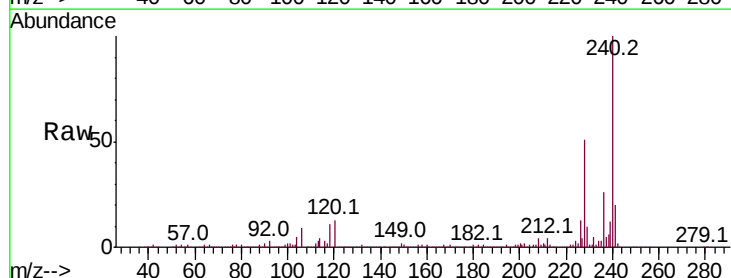


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

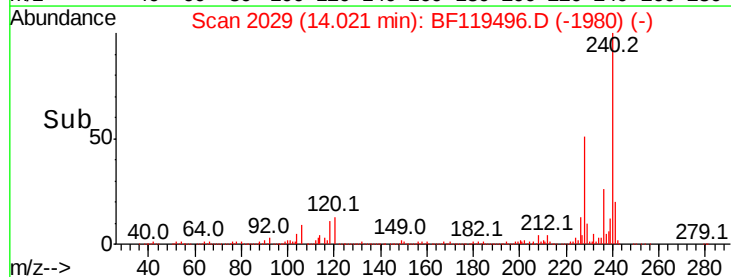
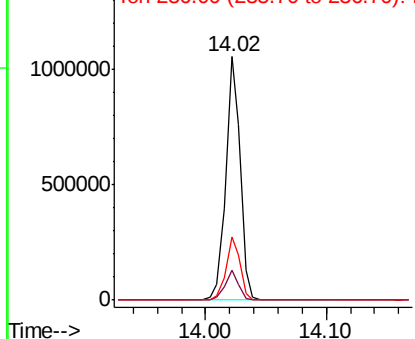


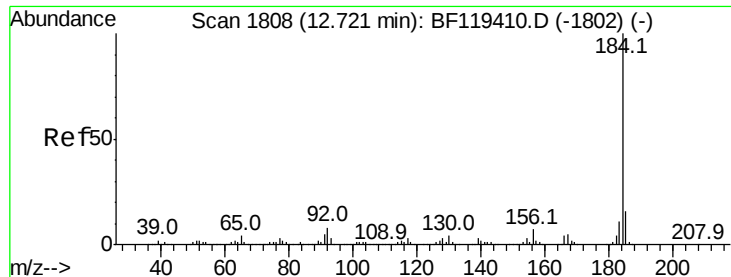
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:240 Resp: 859660
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.2 15.4
 236 25.9 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.524 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

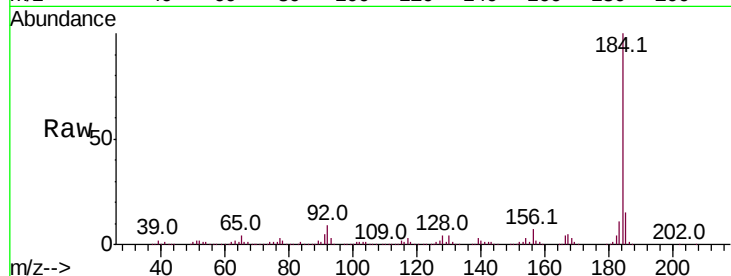
Tot Ion:184 Resp: 1365176

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.9	19.3
183	10.6	9.0	13.4

184 100

185 14.8 12.9 19.3

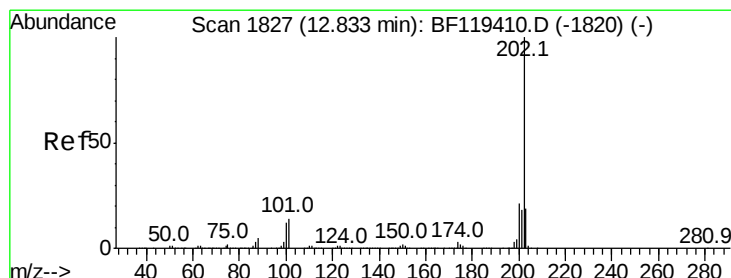
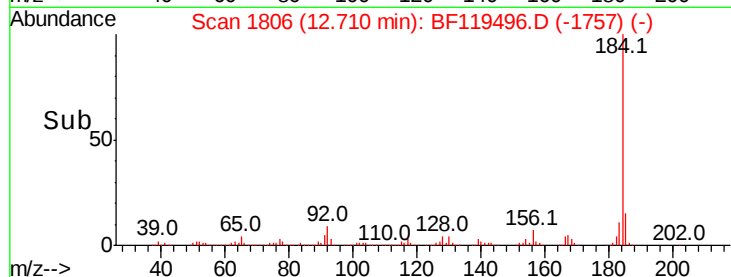
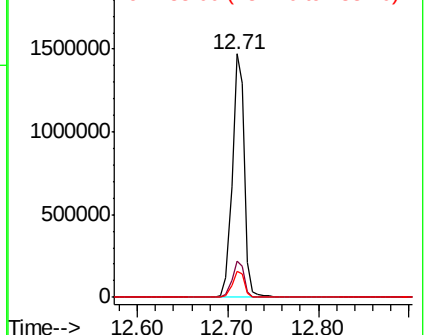
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.900 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

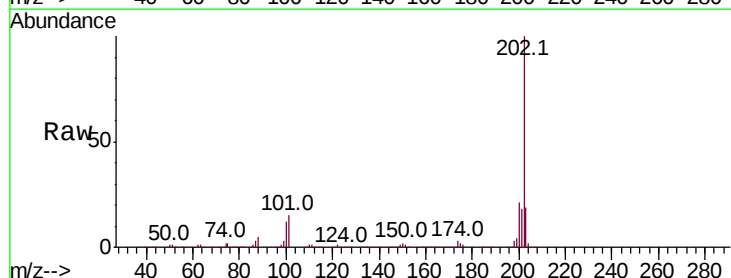
Tgt Ion:202 Resp: 2673888

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.6	14.8	22.2

202 100

200 21.0 16.8 25.2

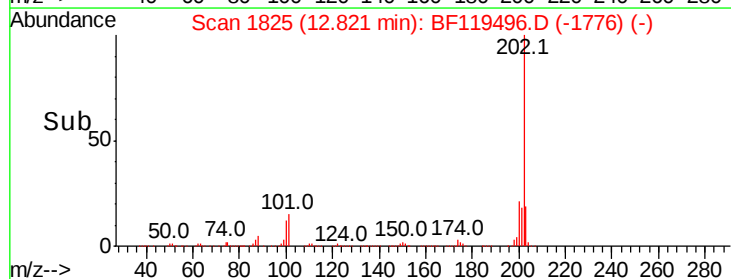
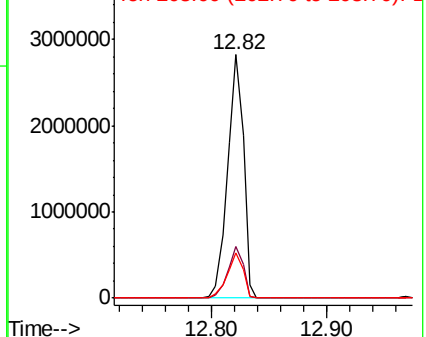
203 18.6 14.8 22.2

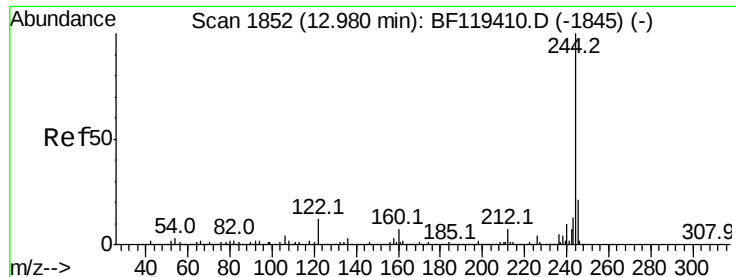


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.556 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

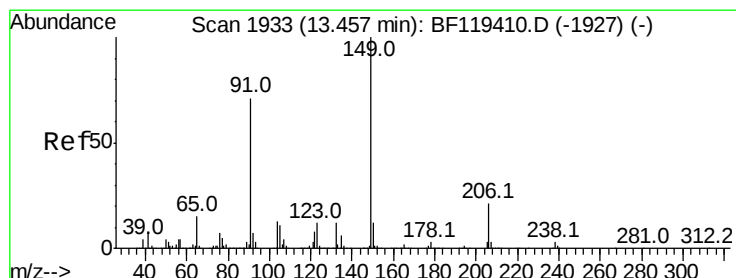
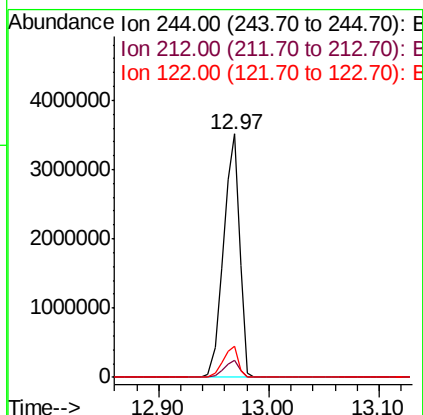
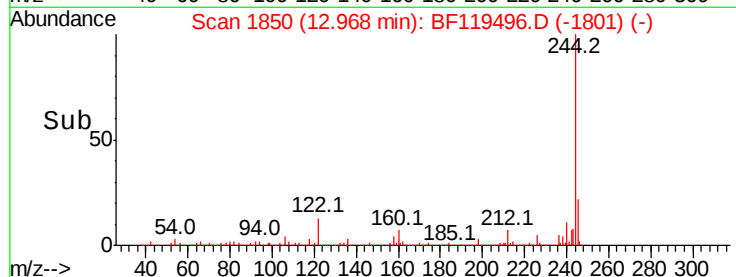
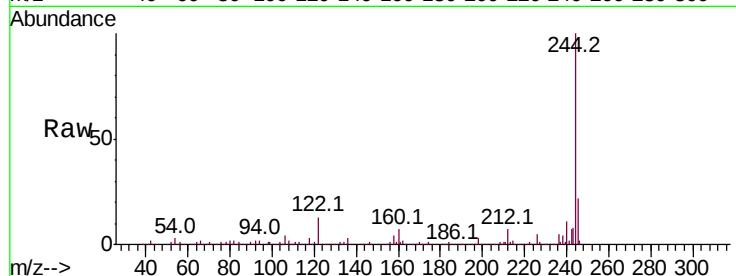
Tot Ion:244 Resp: 3578481

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 13.0 9.8 14.8



#80

Butylbenzylphthalate

Concen: 44.971 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

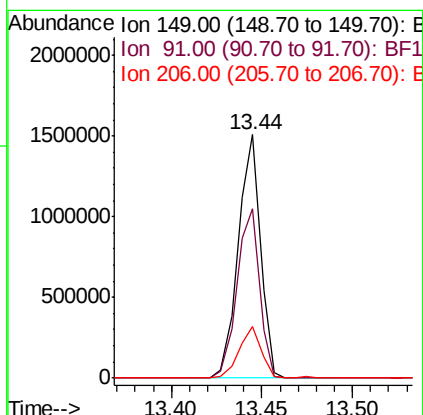
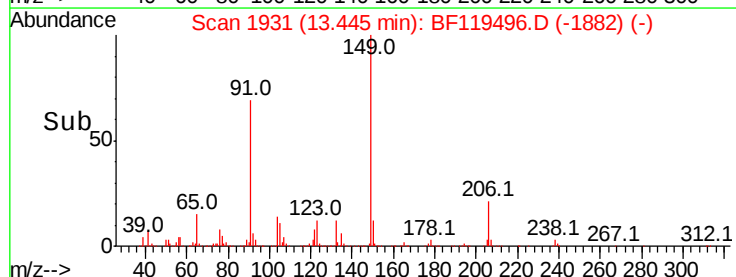
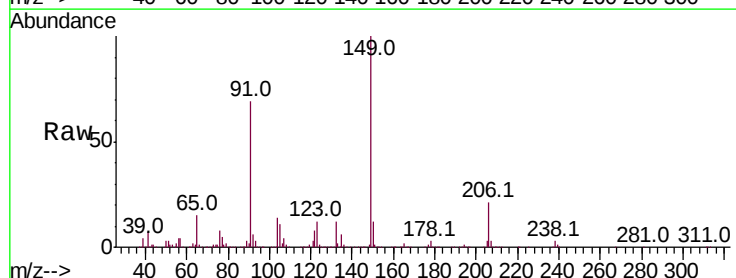
Tgt Ion:149 Resp: 1283238

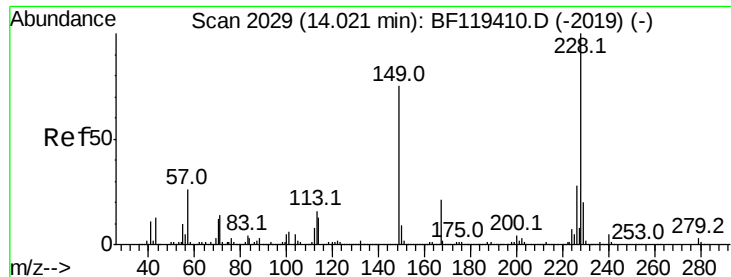
Ion Ratio Lower Upper

149 100

91 69.4 57.0 85.6

206 21.5 16.4 24.6



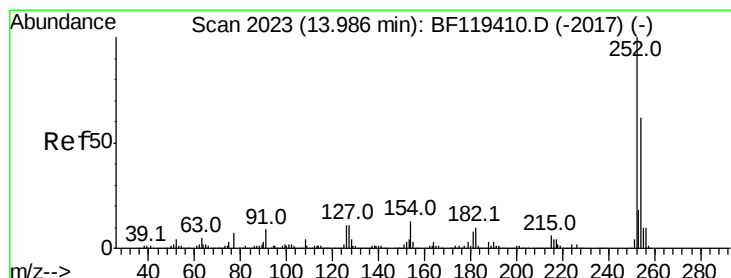
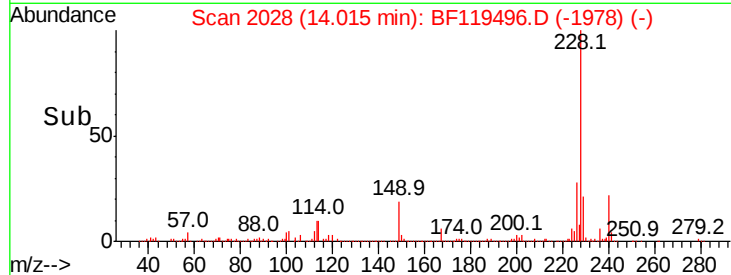
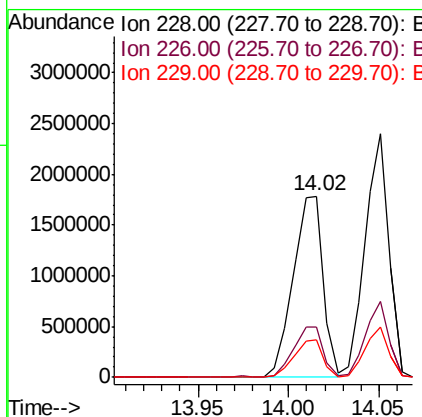
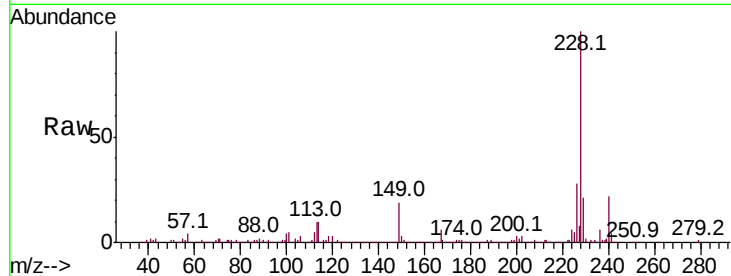


#81
 Benzo(a)anthracene
 Concen: 37.126 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BS

Tot Ion:228 Resp: 2075416

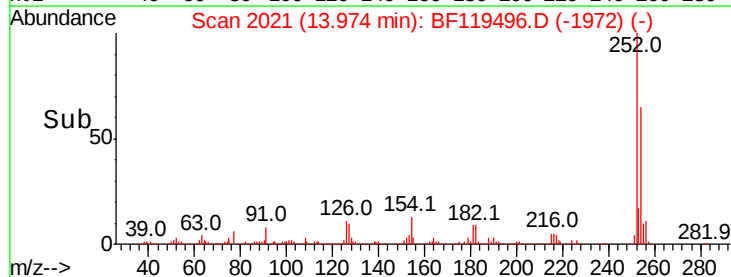
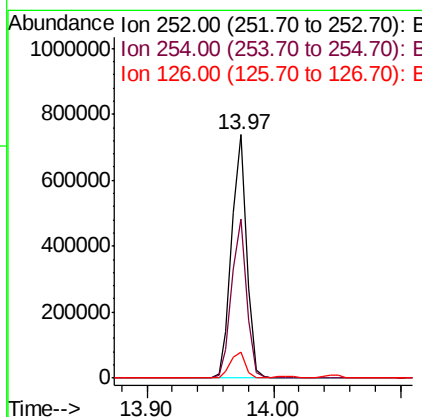
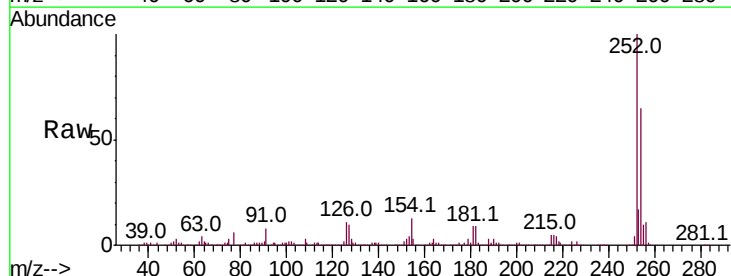
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.7	16.3	24.5

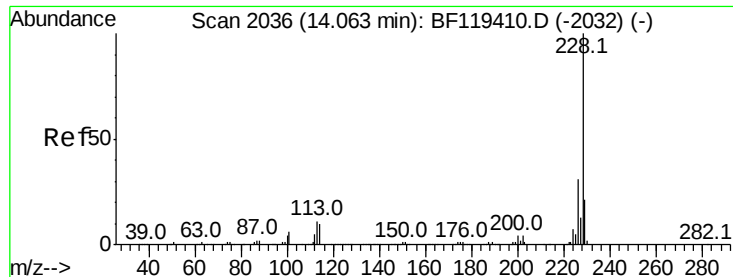


#82
 3,3'-Dichlorobenzidine
 Concen: 27.396 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF119496.D
 Acq: 24 Mar 2020 20:10

Tgt Ion:252 Resp: 603857

Ion	Ratio	Lower	Upper
252	100		
254	65.4	49.8	74.8
126	10.8	8.9	13.3





#83

Chrysene

Concen: 38.183 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

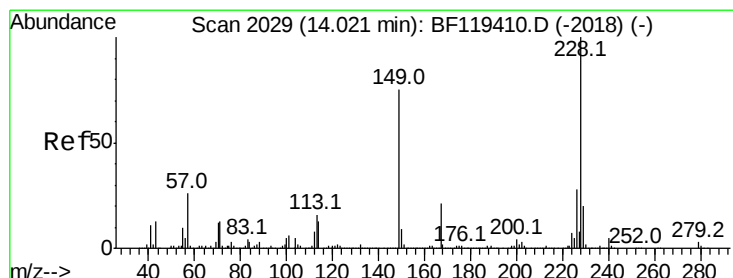
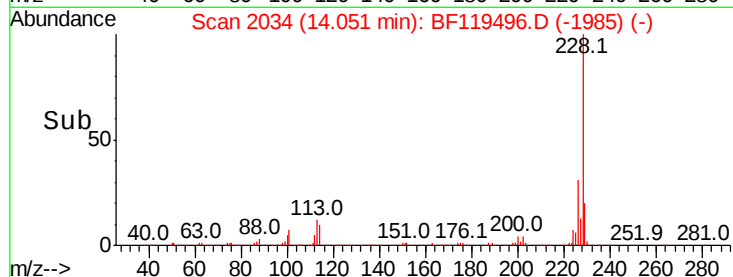
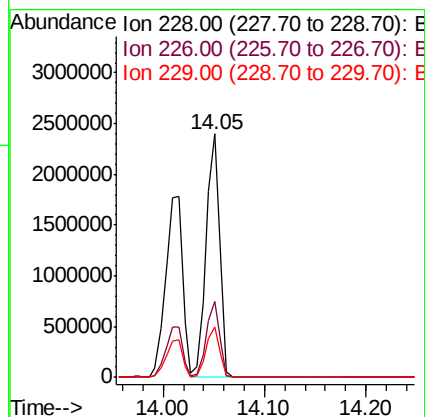
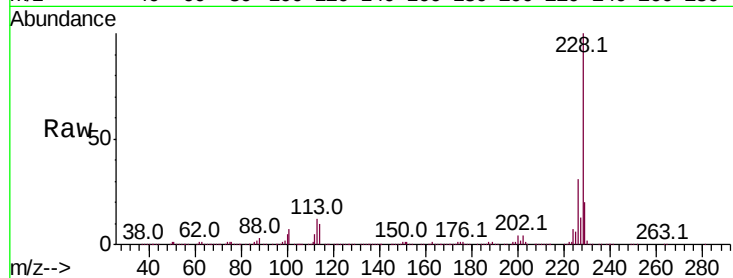
Tot Ion:228 Resp: 2202926

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

229 20.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.066 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

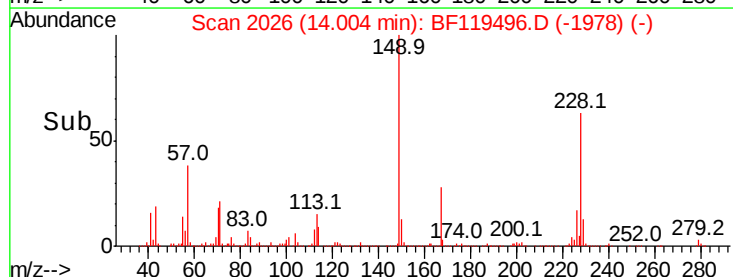
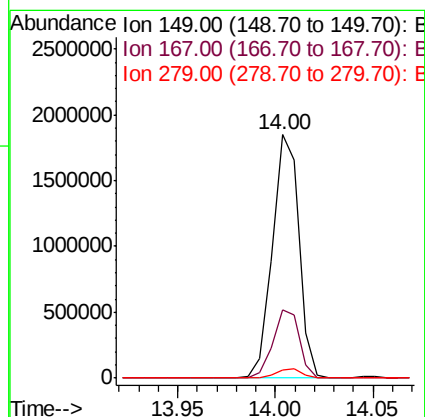
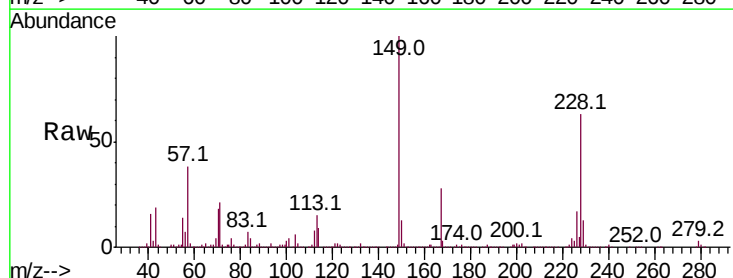
Tgt Ion:149 Resp: 1737049

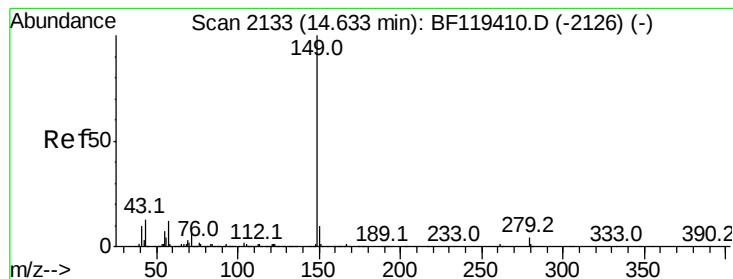
Ion Ratio Lower Upper

149 100

167 28.1 22.0 33.0

279 3.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.520 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :

BNA_F

ClientSampleId :

PB127730BS

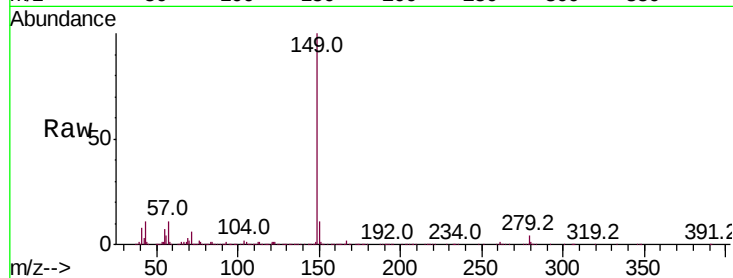
Tot Ion:149 Resp: 3082132

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

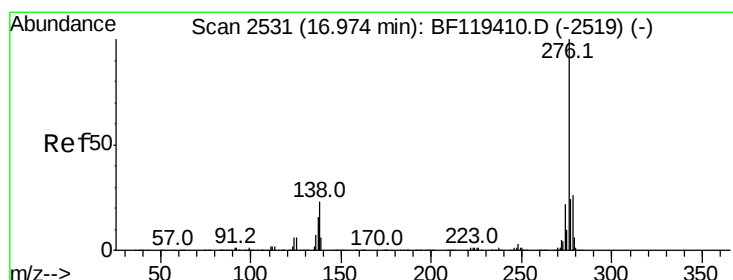
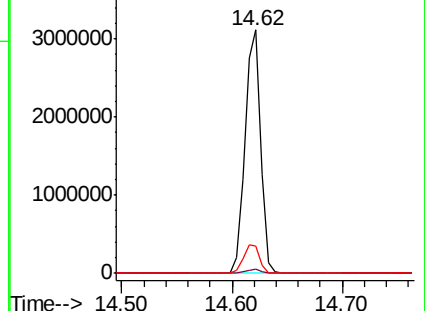
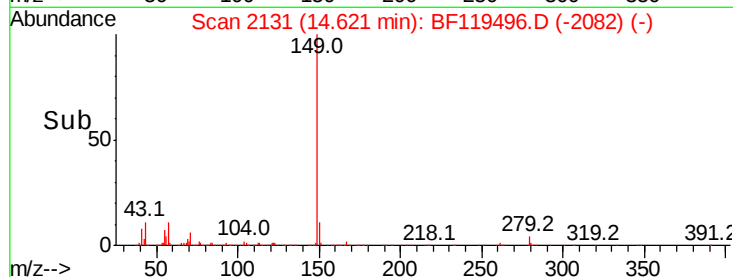
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.155 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

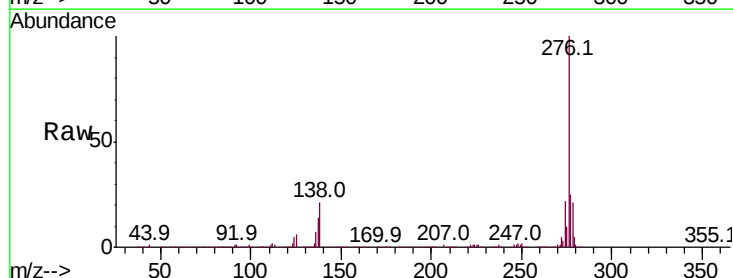
Tgt Ion:276 Resp: 1910197

Ion Ratio Lower Upper

276 100

138 24.8 21.3 31.9

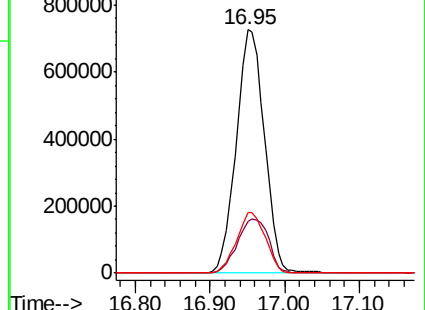
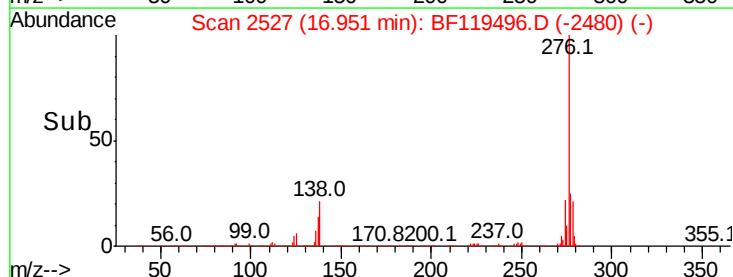
277 25.5 20.2 30.2

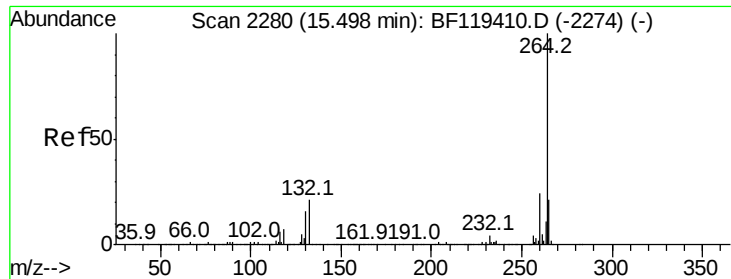


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

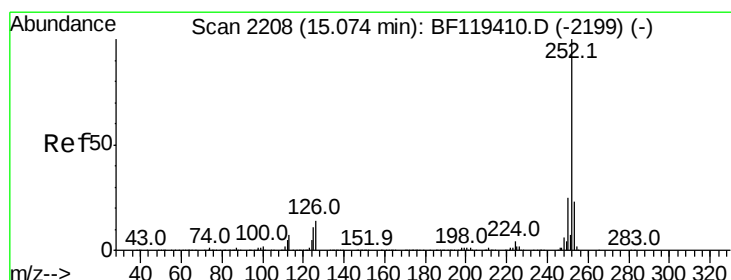
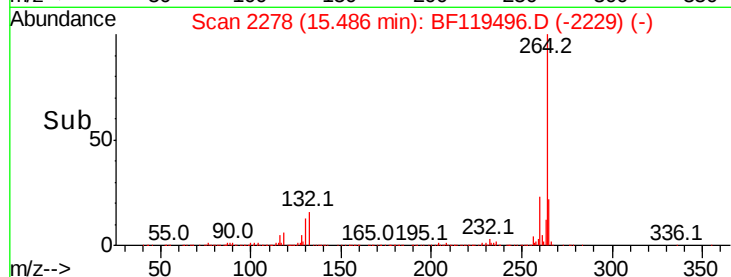
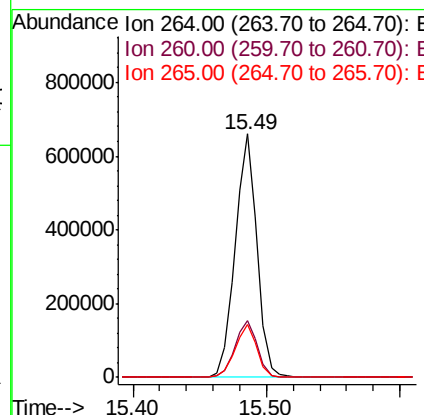
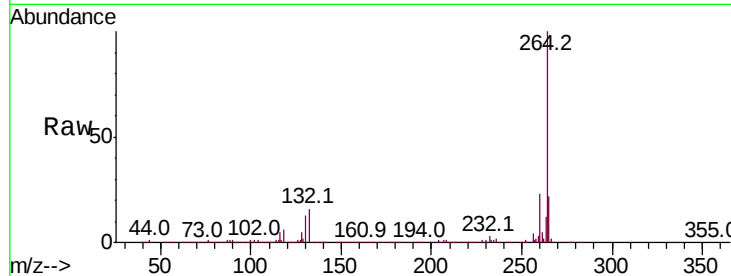




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

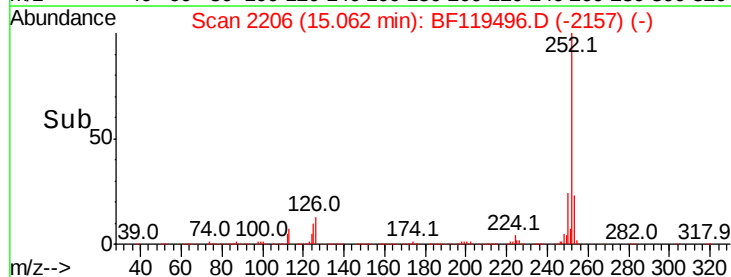
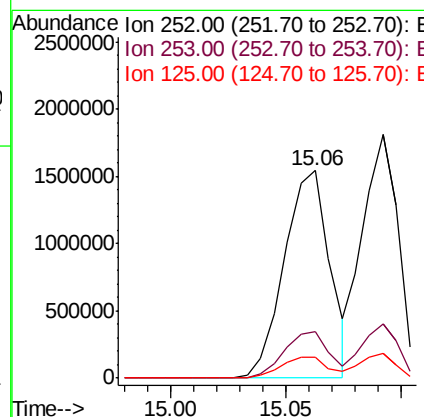
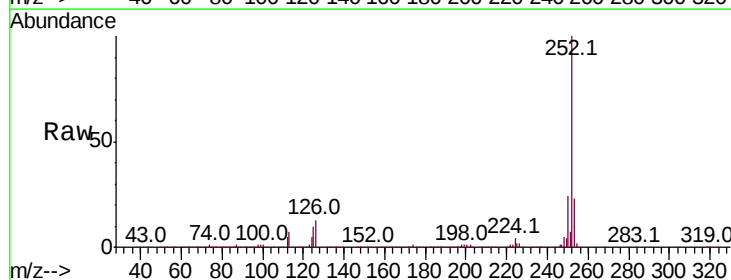
Instrument :
BNA_F
ClientSampleId :
PB127730BS

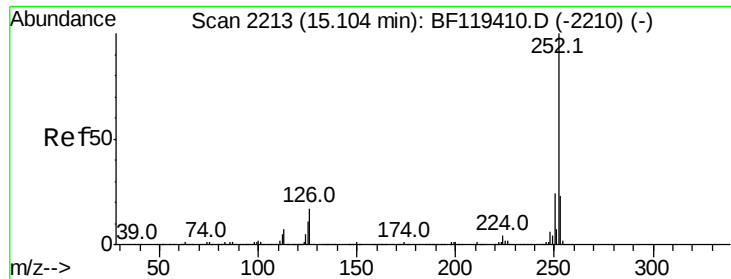
Tot Ion:264 Resp: 755216
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.9 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 41.815 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:252 Resp: 2109508
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.8 8.8 13.2

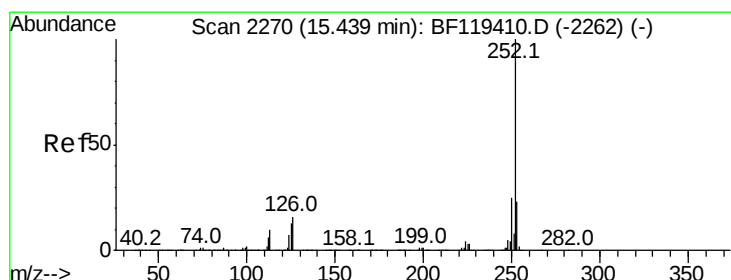
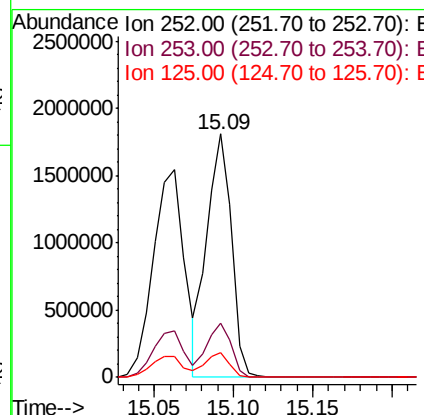
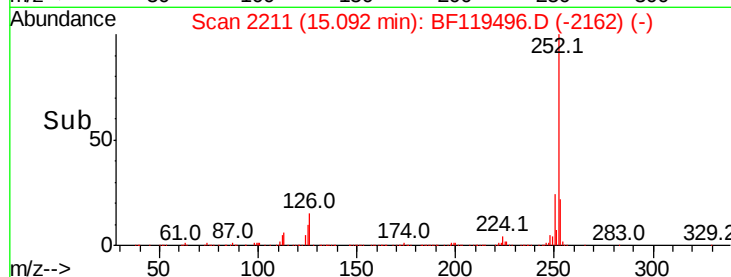
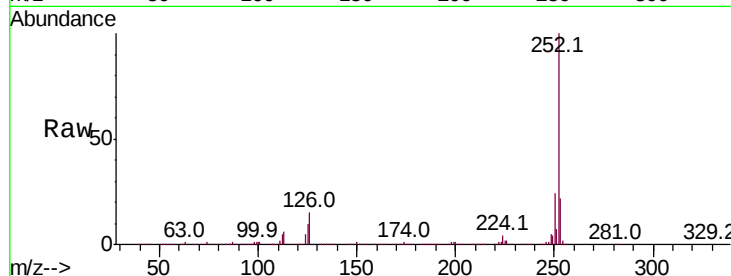




#89
Benzo(k)fluoranthene
Concen: 40.849 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

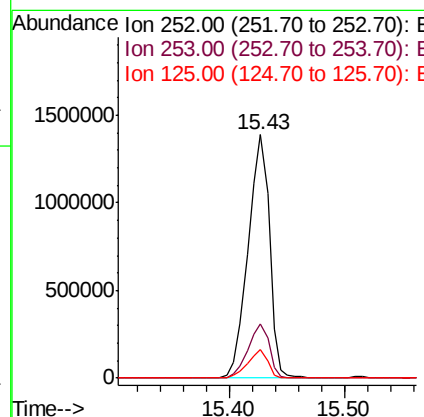
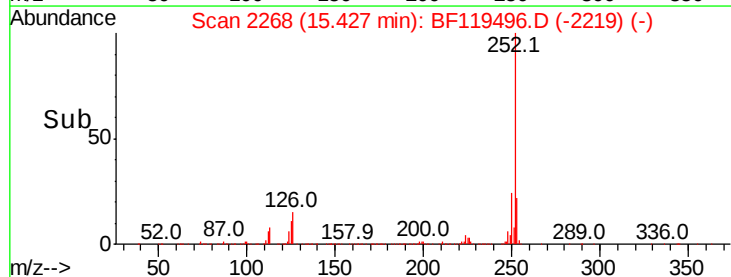
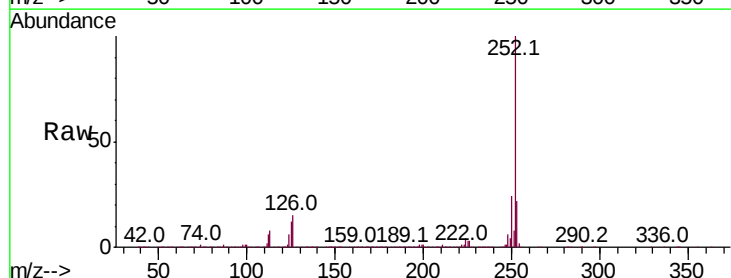
Instrument :
BNA_F
ClientSampleId :
PB127730BS

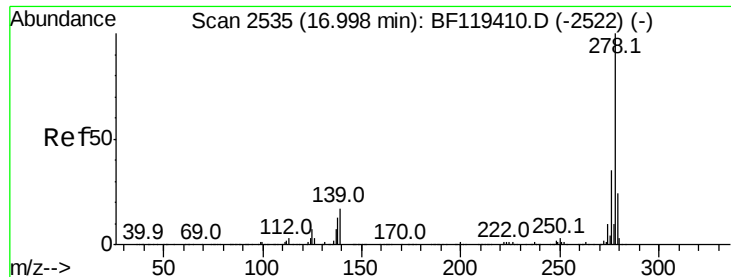
Tot Ion:252 Resp: 1962276
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 10.3 9.0 13.4



#90
Benzo(a)pyrene
Concen: 38.978 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119496.D
Acq: 24 Mar 2020 20:10

Tgt Ion:252 Resp: 1787030
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.5 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 40.279 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

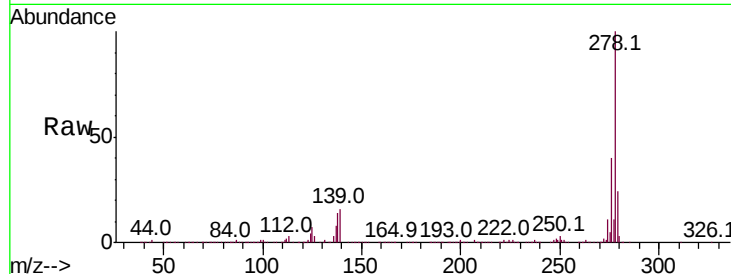
Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Instrument :
BNA_F
ClientSampleId :
PB127730BS

Tot Ion:278 Resp: 1615205

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.7	20.5
279	23.9	19.2	28.8

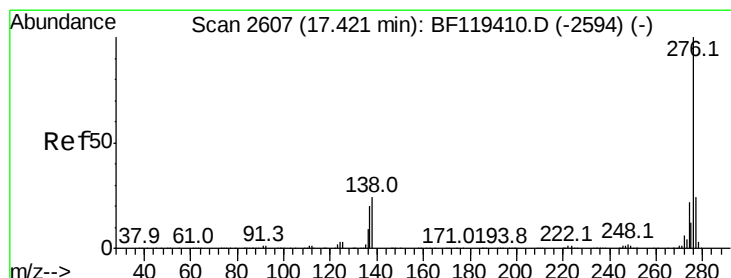
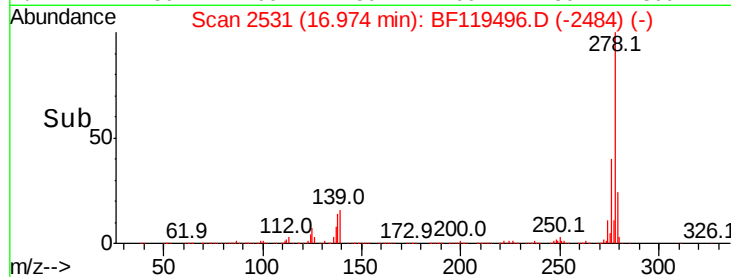
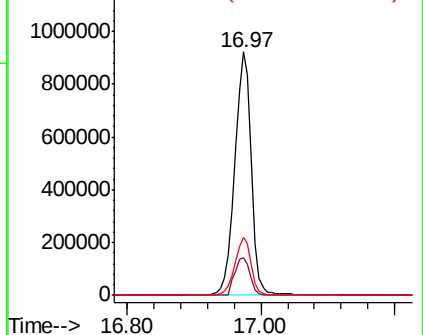


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.125 ng

RT: 17.40 min Scan# 2603

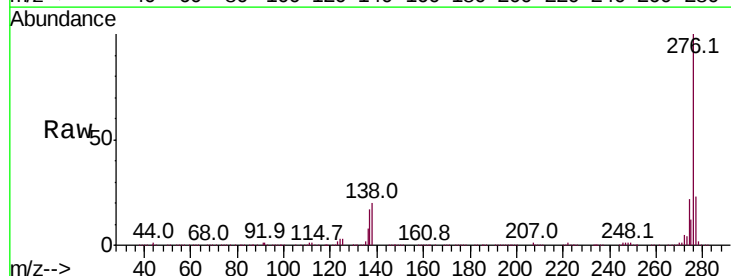
Delta R.T. -0.02 min

Lab File: BF119496.D

Acq: 24 Mar 2020 20:10

Tgt Ion:276 Resp: 1576202

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.5	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

