

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119498.D
 Acq On : 24 Mar 2020 21:24
 Operator : CG/JU
 Sample : PB127762BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Quant Time: Mar 25 00:20:01 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	297388	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1153181	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	607328	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1197112	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	868320	20.00	ng	-0.01
87) Perylene-d12	15.49	264	757588	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2013868	107.80	ng	0.00
7) Phenol-d6	6.47	99	2568581	107.63	ng	0.00
23) Nitrobenzene-d5	7.41	82	1626682	76.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	780782	124.61	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3076617	75.05	ng	-0.01
79) Terphenyl-d14	12.97	244	3632056	81.95	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	281087	30.465	ng	99
3) Pyridine	3.42	79	780591	30.709	ng	97
4) n-Nitrosodimethylamine	3.36	42	429687	34.664	ng	99
6) Aniline	6.50	93	920868	27.959	ng	100
8) 2-Chlorophenol	6.63	128	831401	42.374	ng	99
9) Benzaldehyde	6.39	77	538512	35.572	ng	98
10) Phenol	6.48	94	1063464	41.764	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	780534	38.326	ng	95
12) 1,3-Dichlorobenzene	6.79	146	831481	39.155	ng	98
13) 1,4-Dichlorobenzene	6.86	146	838080	39.456	ng	99
14) 1,2-Dichlorobenzene	7.02	146	785153	39.547	ng	98
15) Benzyl Alcohol	6.98	79	711963	39.662	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1517192	36.934	ng	99
17) 2-Methylphenol	7.09	107	677343	37.678	ng	99
18) Hexachloroethane	7.36	117	315819	40.572	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	572087	39.772	ng	99
20) 3+4-Methylphenols	7.25	107	823256	37.367	ng	# 86
22) Acetophenone	7.25	105	1073848	38.971	ng	# 89
24) Nitrobenzene	7.43	77	855452	37.725	ng	96
25) Isophorone	7.67	82	1611485	37.439	ng	98
26) 2-Nitrophenol	7.75	139	436063	48.840	ng	96
27) 2,4-Dimethylphenol	7.78	122	747859	40.509	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1020568	40.097	ng	99
29) 2,4-Dichlorophenol	7.99	162	689729	40.660	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	725913	38.695	ng	98
31) Naphthalene	8.15	128	2320850	39.108	ng	100
32) Benzoic acid	7.90	122	581152	48.937	ng	96
33) 4-Chloroaniline	8.20	127	457488	16.824	ng	96
34) Hexachlorobutadiene	8.27	225	420132	40.027	ng	98
35) Caprolactam	8.57	113	131707	23.724	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	756104	40.782	ng	99
37) 2-Methylnaphthalene	8.85	142	1595851	40.975	ng	99
38) 1-Methylnaphthalene	8.95	142	1506311	40.861	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	689625	38.740	ng	99

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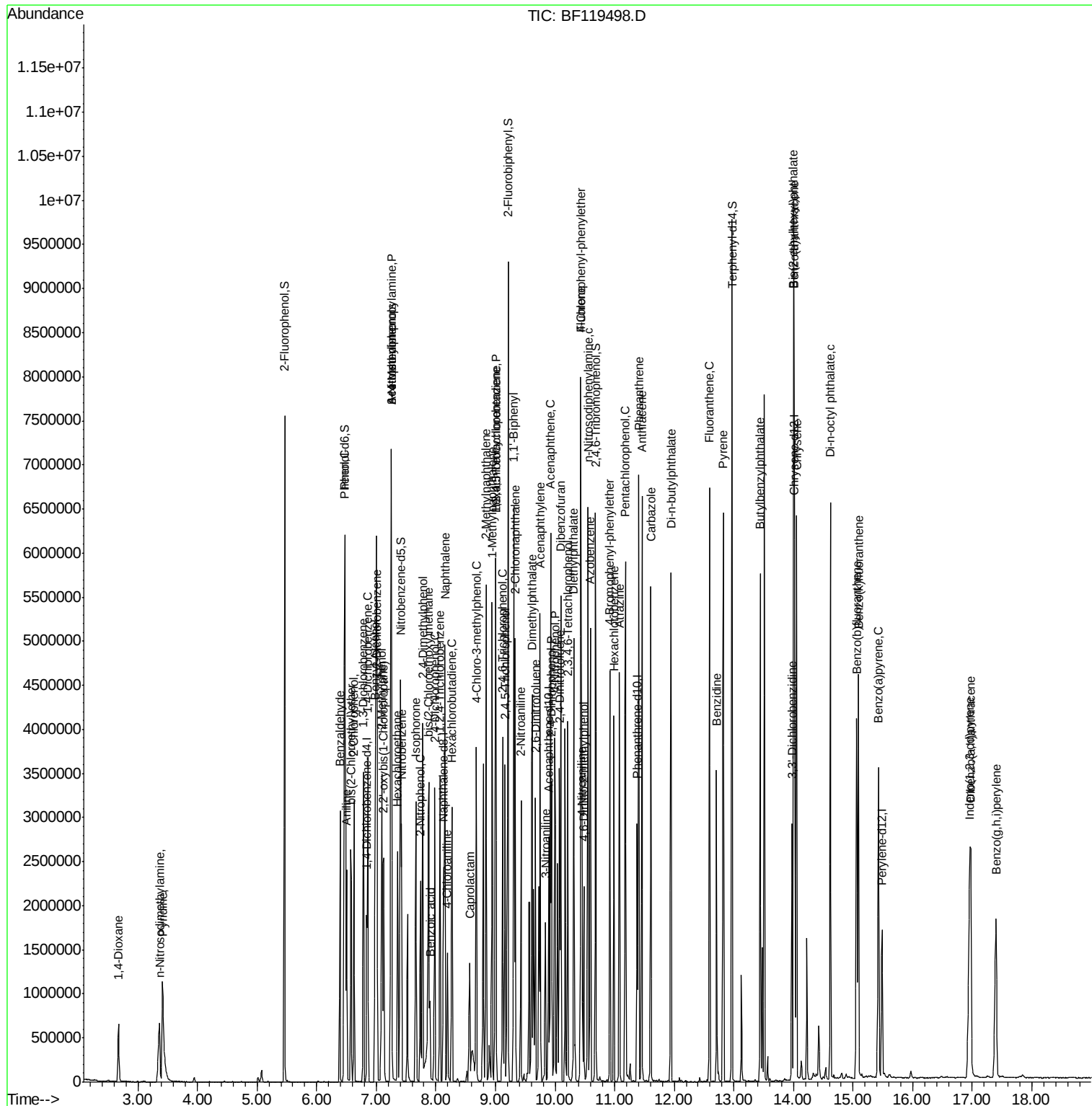
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	835032	82.511	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	533688	41.894	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	540683	37.888	ng	97
46) 1,1'-Biphenyl	9.31	154	1920981	38.836	ng	99
47) 2-Chloronaphthalene	9.33	162	1502216	38.771	ng	99
48) 2-Nitroaniline	9.43	65	546786	40.886	ng	99
49) Acenaphthylene	9.75	152	2384689	39.193	ng	100
50) Dimethylphthalate	9.62	163	1772320	41.084	ng	100
51) 2,6-Dinitrotoluene	9.67	165	399805	43.238	ng #	82
52) Acenaphthene	9.93	154	1639448	43.221	ng	99
53) 3-Nitroaniline	9.84	138	264093	22.623	ng	96
54) 2,4-Dinitrophenol	9.95	184	388360	95.514	ng	96
55) Dibenzofuran	10.10	168	2146626	39.472	ng	98
56) 4-Nitrophenol	10.00	139	719324	78.111	ng	88
57) 2,4-Dinitrotoluene	10.07	165	532177	45.688	ng	89
58) Fluorene	10.44	166	1638101	40.732	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	468182	43.890	ng	98
60) Diethylphthalate	10.32	149	1853687	42.338	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	801710	40.765	ng	97
62) 4-Nitroaniline	10.46	138	426778	38.125	ng	97
63) Azobenzene	10.59	77	1759659	39.910	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	263899	52.571	ng	87
66) n-Nitrosodiphenylamine	10.55	169	1526453	38.842	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	531834	39.009	ng	99
68) Hexachlorobenzene	10.99	284	555943	39.842	ng	98
69) Atrazine	11.08	200	482141	44.751	ng	99
70) Pentachlorophenol	11.18	266	642631	78.544	ng	99
71) Phenanthrene	11.40	178	2382540	38.383	ng	99
72) Anthracene	11.46	178	2454864	38.912	ng	98
73) Carbazole	11.61	167	2317243	37.109	ng	99
74) Di-n-butylphthalate	11.95	149	2940042	44.013	ng	99
75) Fluoranthene	12.59	202	2617227	38.959	ng	99
77) Benzidine	12.71	184	1390015	37.826	ng	98
78) Pyrene	12.82	202	2672472	37.502	ng	99
80) Butylbenzylphthalate	13.44	149	1315278	45.634	ng	97
81) Benzo(a)anthracene	14.02	228	2102134	37.229	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	592301	26.604	ng	98
83) Chrysene	14.05	228	2206396	37.862	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1756381	51.119	ng	99
85) Di-n-octyl phthalate	14.62	149	3096871	51.250	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1932803	35.217	ng	98
88) Benzo(b)fluoranthene	15.06	252	2109305	41.680	ng	99
89) Benzo(k)fluoranthene	15.09	252	1958048	40.634	ng	99
90) Benzo(a)pyrene	15.43	252	1781165	38.729	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1618097	40.225	ng	99
92) Benzo(g,h,i)perylene	17.40	276	1605645	39.731	ng	97

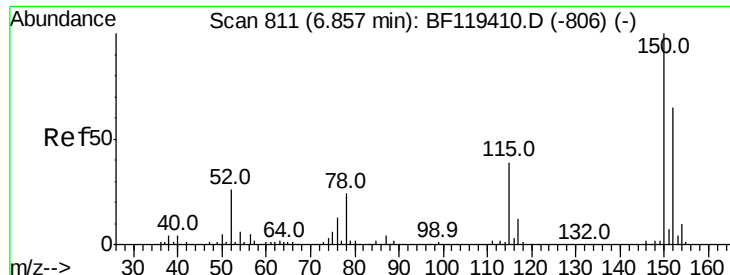
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

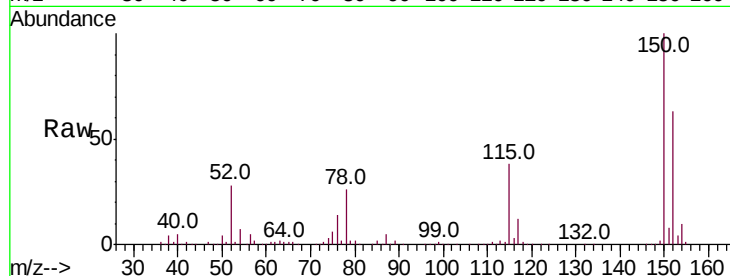
Tot Ion:152 Resp: 297388

Ion Ratio Lower Upper

152 100

150 158.4 123.9 185.9

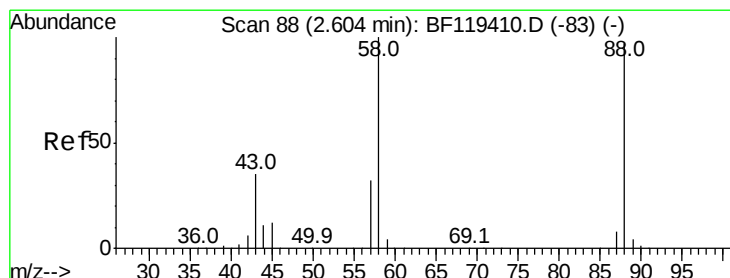
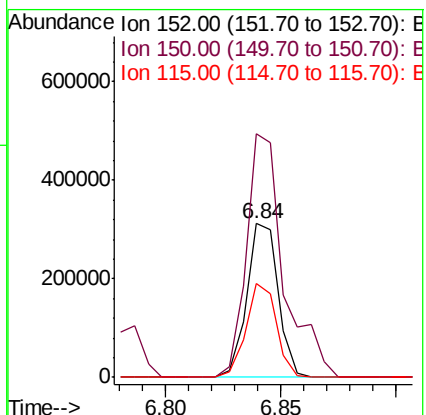
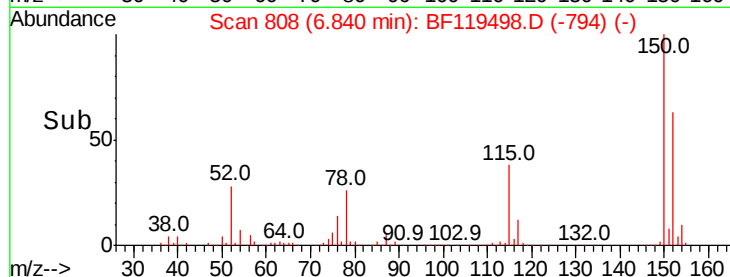
115 60.9 47.8 71.6



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: 30.465 ng

RT: 2.68 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

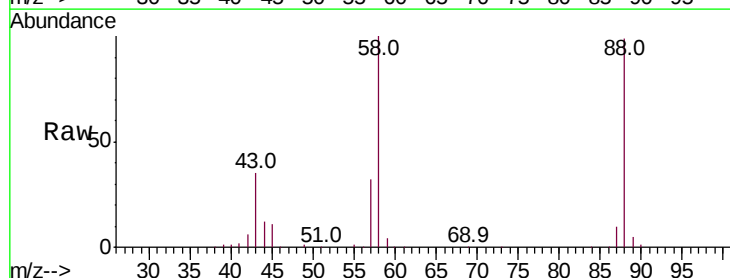
Tgt Ion: 88 Resp: 281087

Ion Ratio Lower Upper

88 100

58 100.7 79.4 119.2

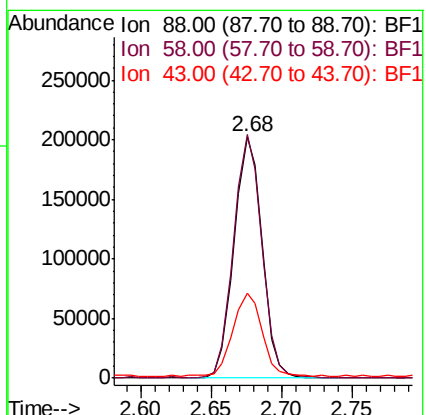
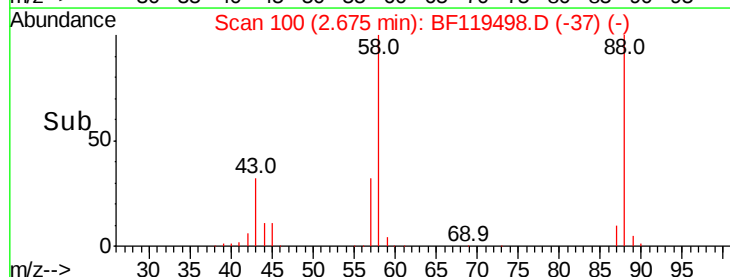
43 35.5 28.4 42.6

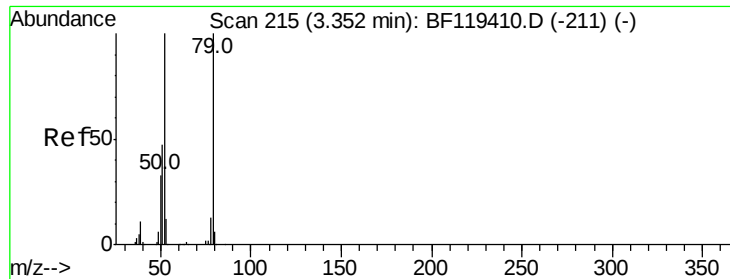


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.709 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

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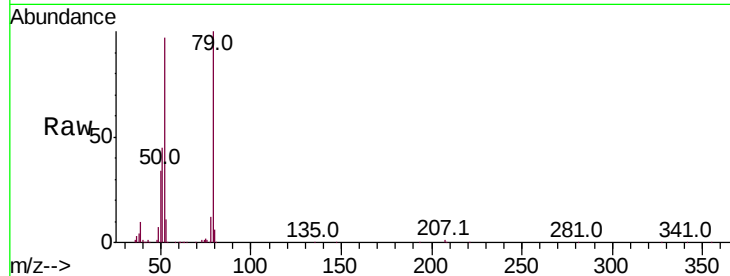
Tot Ion: 79 Resp: 780591

Ion Ratio Lower Upper

79 100

52 96.5 80.0 120.0

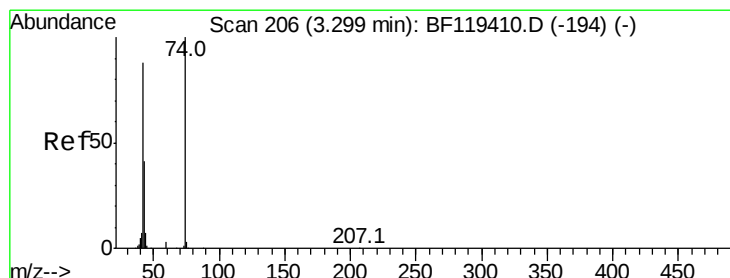
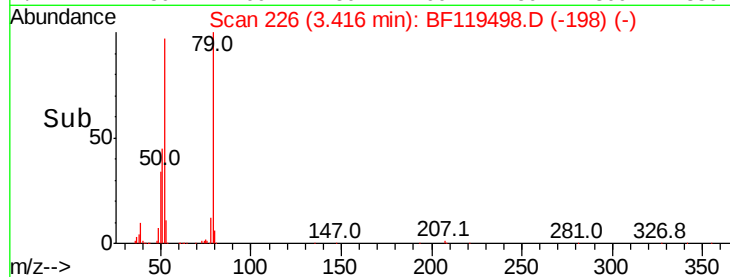
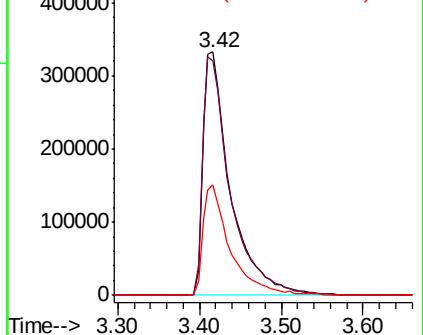
51 45.3 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.664 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

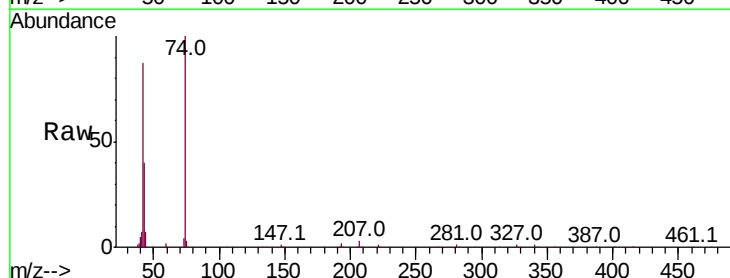
Tgt Ion: 42 Resp: 429687

Ion Ratio Lower Upper

42 100

74 115.4 91.3 136.9

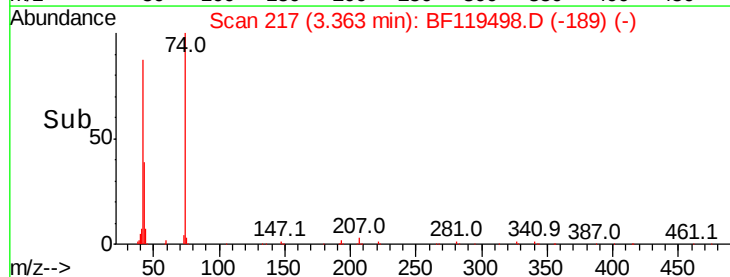
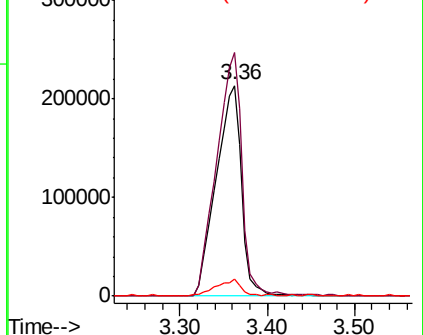
44 8.0 7.1 10.7

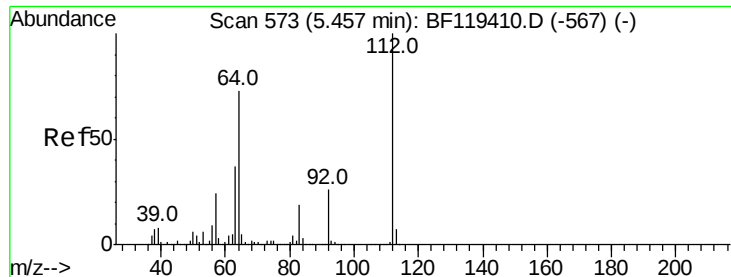


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.801 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

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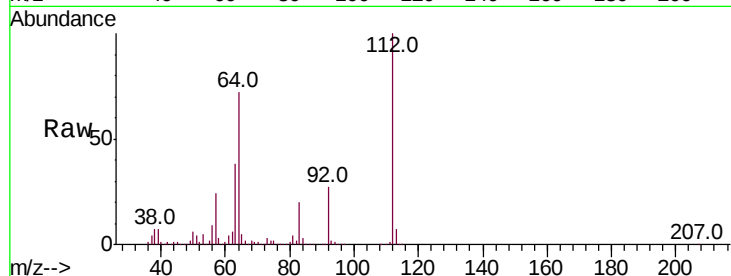
Tot Ion:112 Resp: 2013868

Ion Ratio Lower Upper

112 100

64 71.8 58.1 87.1

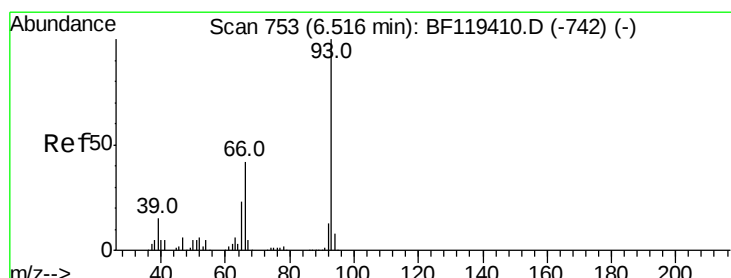
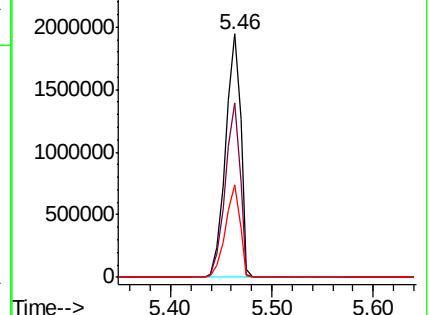
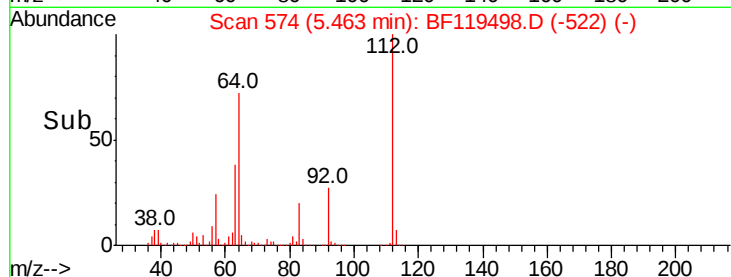
63 37.8 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.959 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

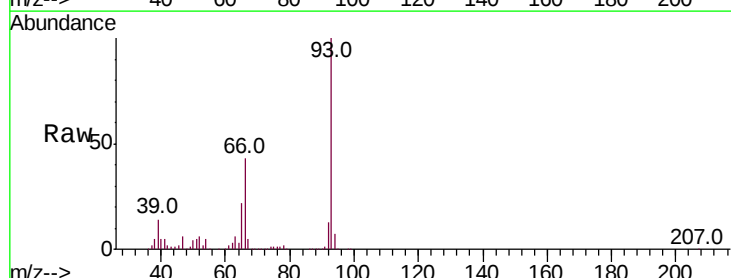
Tgt Ion: 93 Resp: 920868

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.4

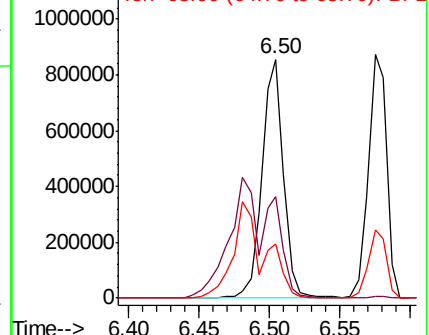
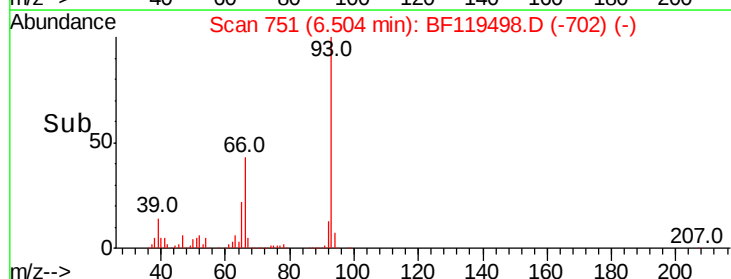
65 22.5 18.2 27.4

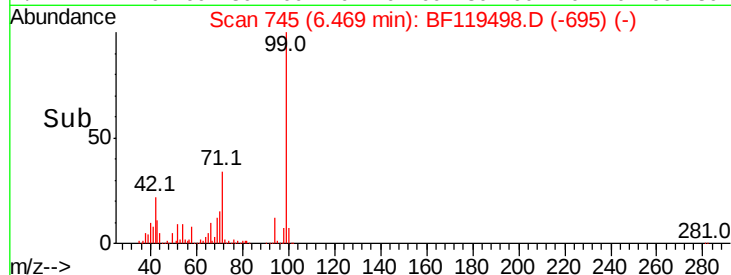
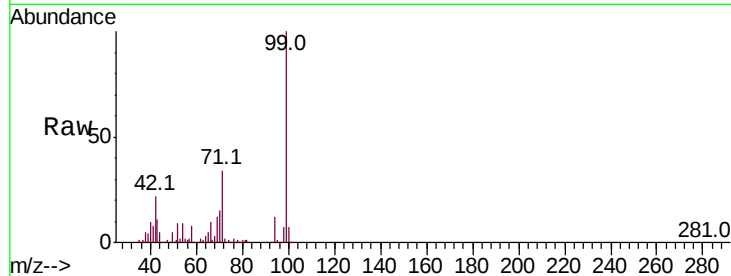
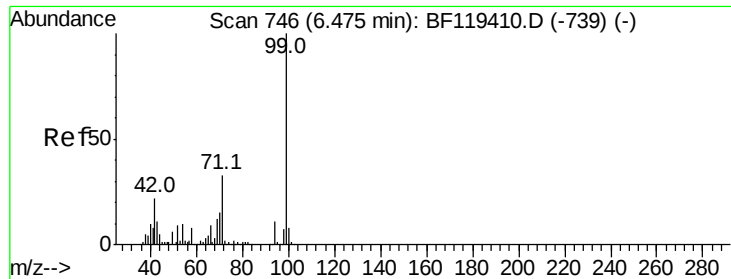


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.634 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

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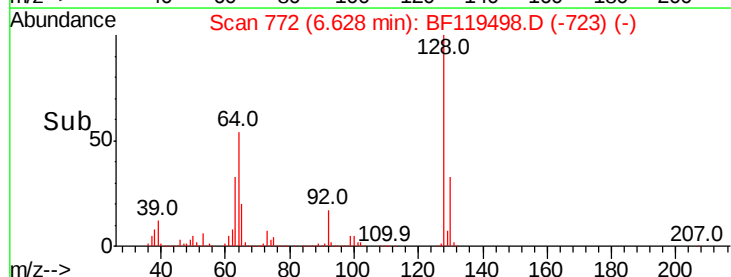
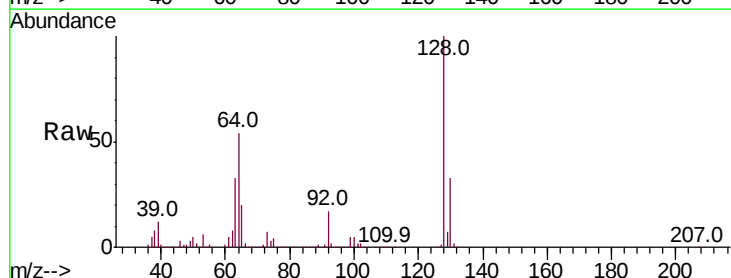
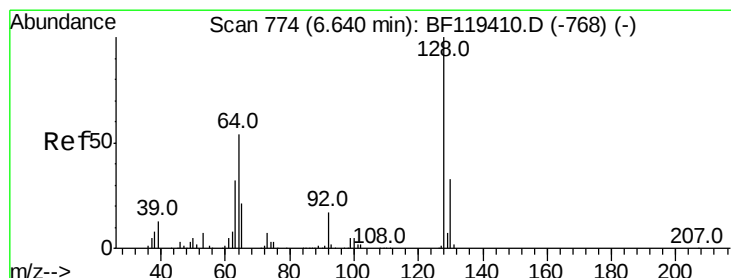
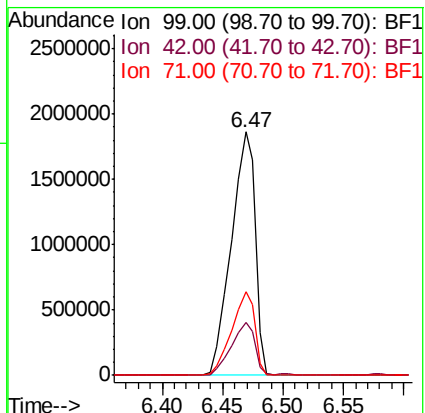
Tot Ion: 99 Resp: 2568581

Ion Ratio Lower Upper

99 100

42 21.5 17.8 26.6

71 34.2 26.0 39.0



#8

2-Chlorophenol

Concen: 42.374 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

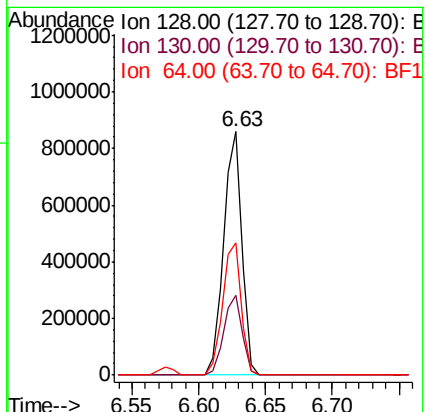
Tgt Ion:128 Resp: 831401

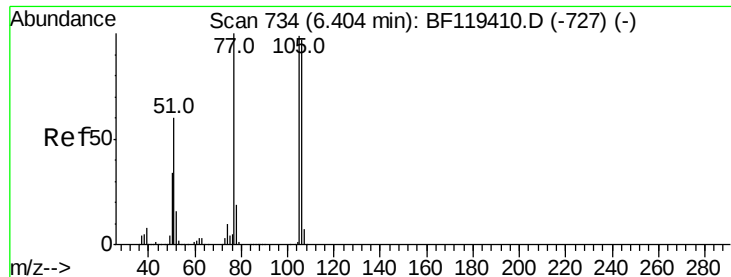
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 54.2 35.1 75.1





#9

Benzaldehyde

Concen: 35.572 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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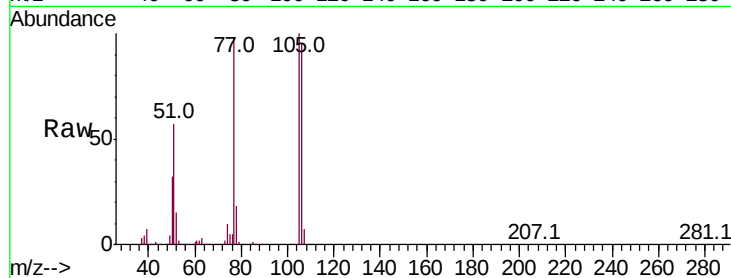
Tot Ion: 77 Resp: 538512

Ion Ratio Lower Upper

77 100

105 101.8 78.6 118.6

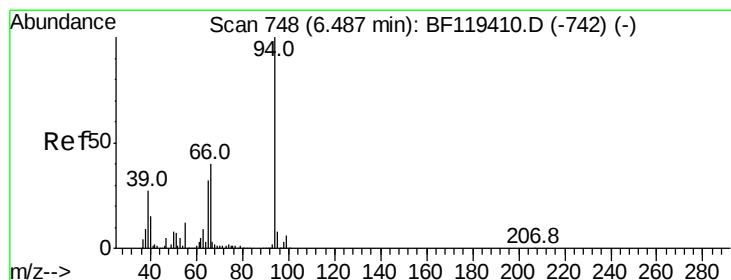
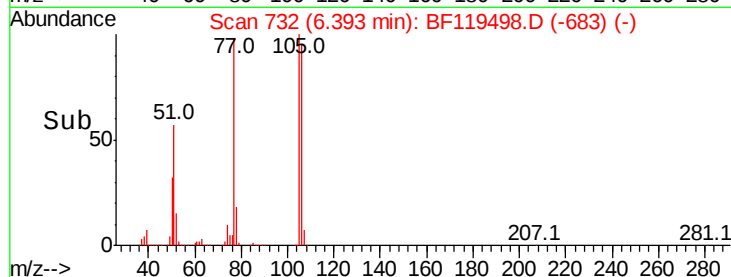
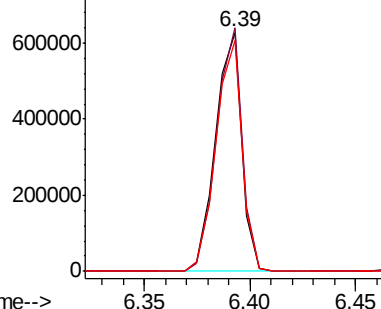
106 96.5 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.764 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

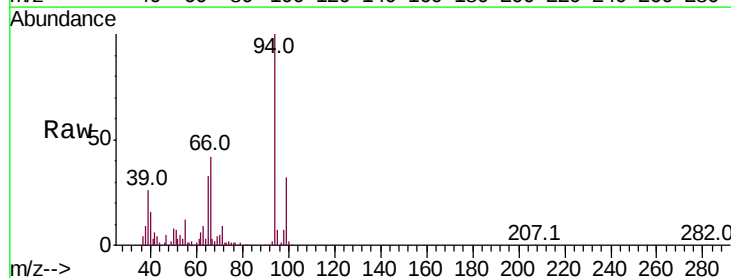
Tgt Ion: 94 Resp: 1063464

Ion Ratio Lower Upper

94 100

65 33.4 12.0 52.0

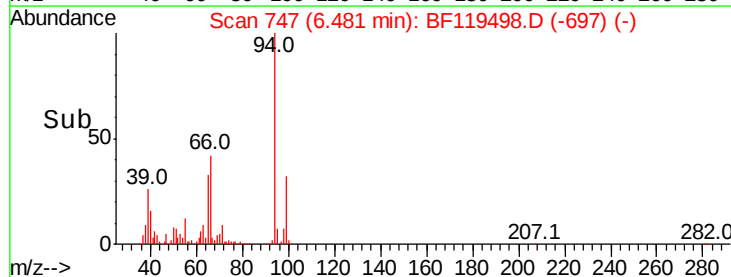
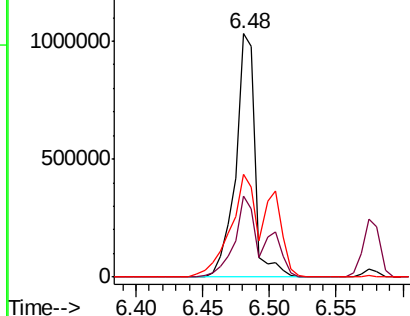
66 42.0 20.6 60.6

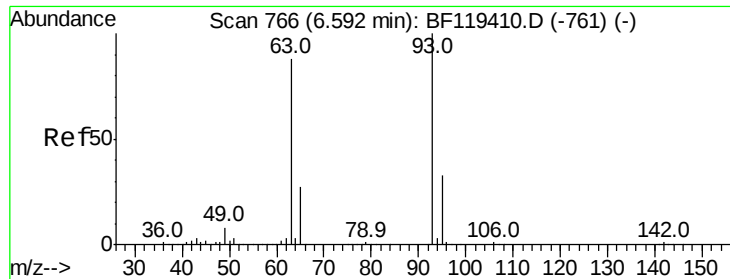


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

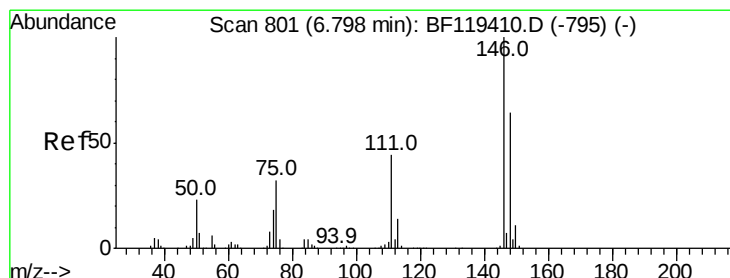
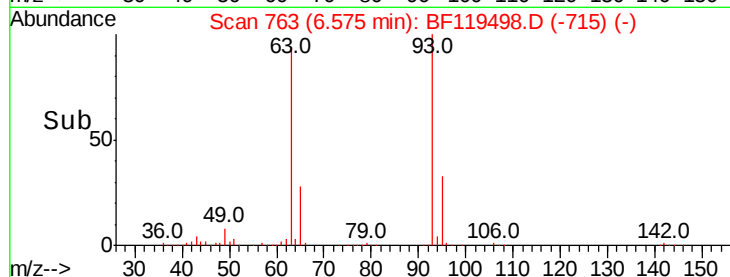
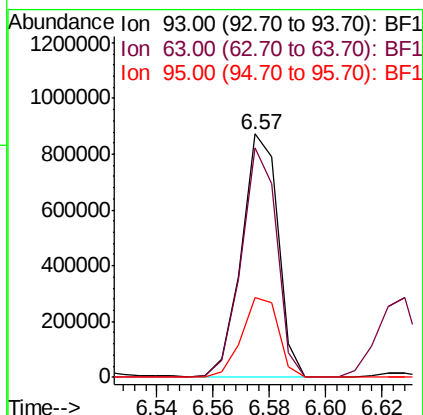
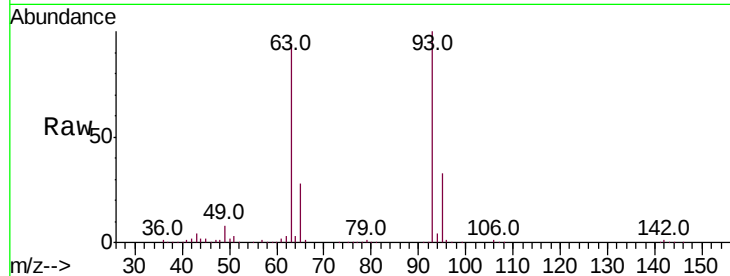




#11
bis(2-Chloroethyl)ether
Concen: 38.326 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

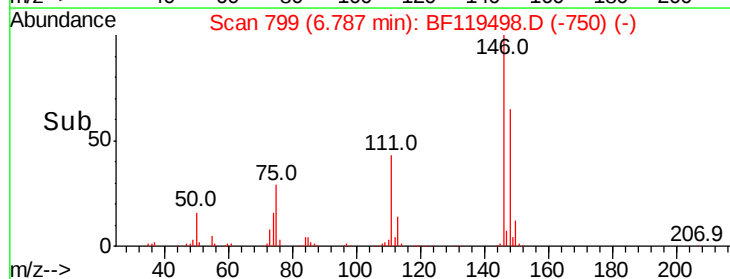
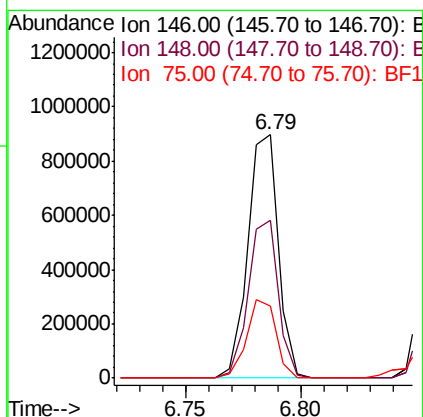
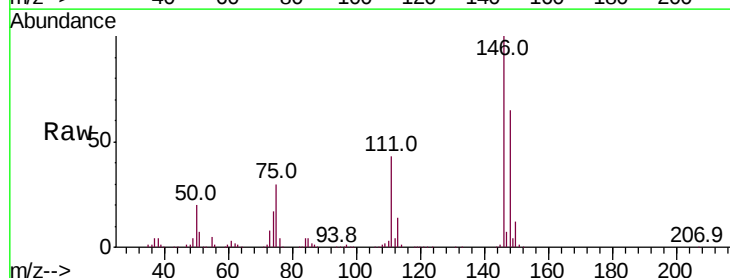
Instrument :
BNA_F
ClientSampleId :
PB127762BS

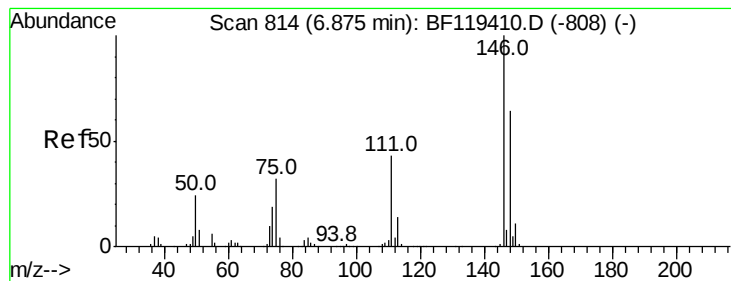
Tot Ion: 93 Resp: 780534
Ion Ratio Lower Upper
93 100
63 94.4 68.4 108.4
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.155 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion: 146 Resp: 831481
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
75 29.8 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 39.456 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

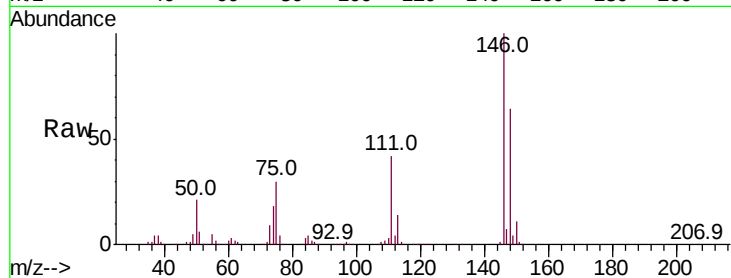
Tot Ion:146 Resp: 838080

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

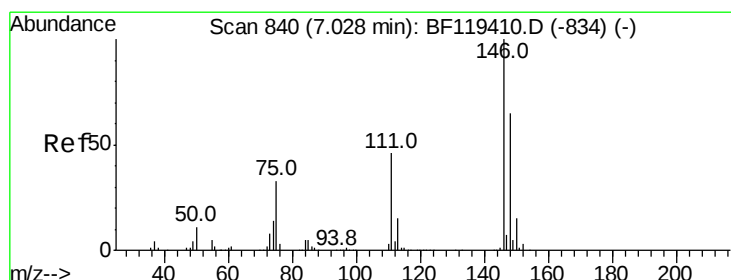
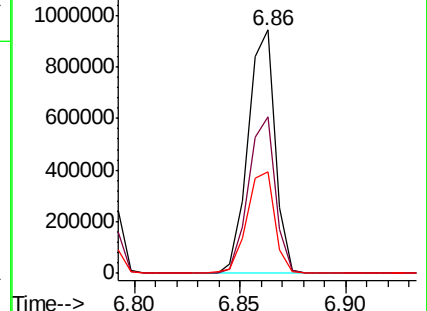
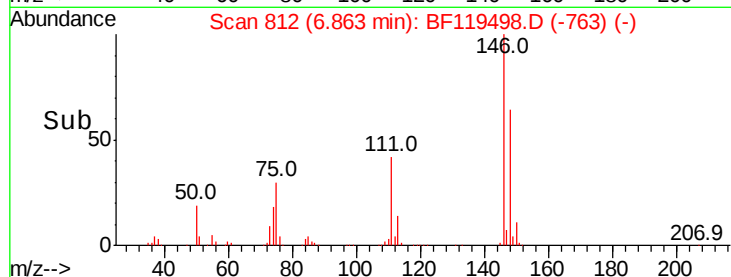
111 41.8 34.6 52.0



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: 39.547 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

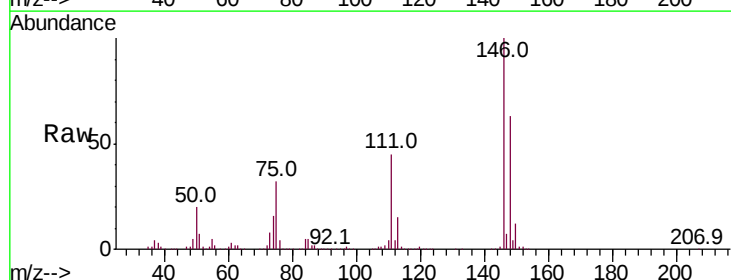
Tgt Ion:146 Resp: 785153

Ion Ratio Lower Upper

146 100

148 63.0 51.7 77.5

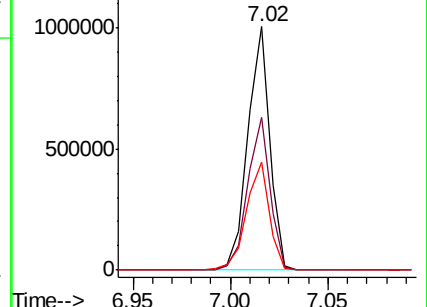
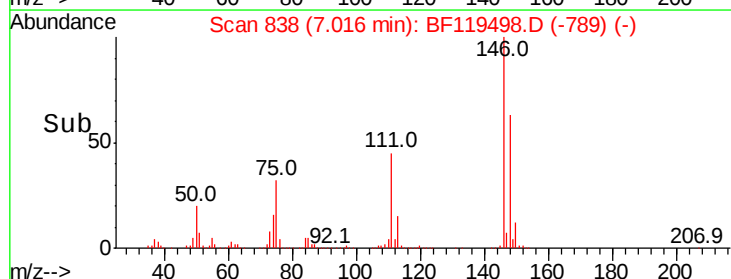
111 44.6 36.4 54.6

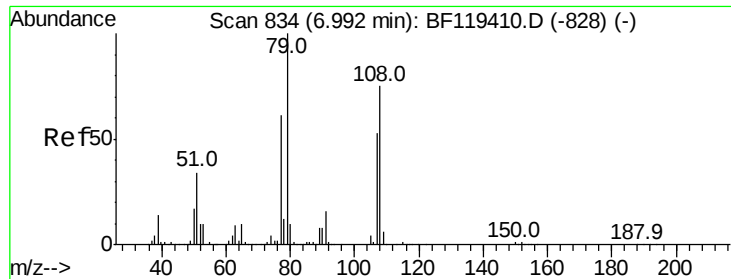


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.662 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

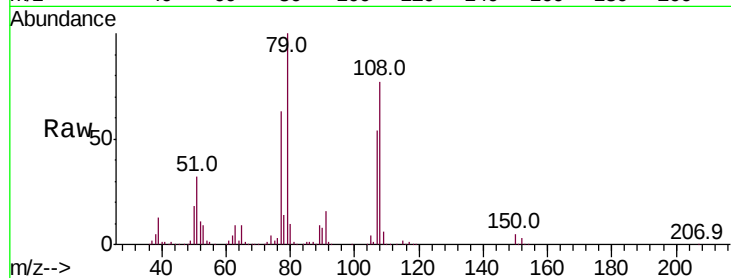
Tot Ion: 79 Resp: 711963

Ion Ratio Lower Upper

79 100

108 76.7 60.4 90.6

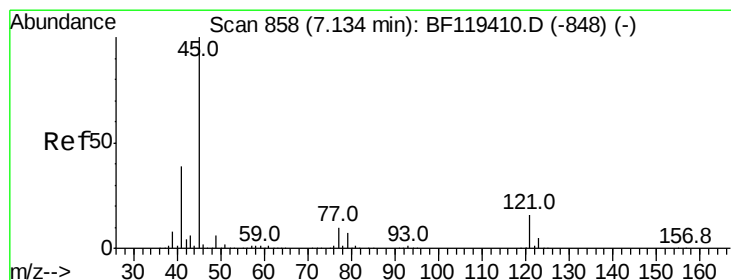
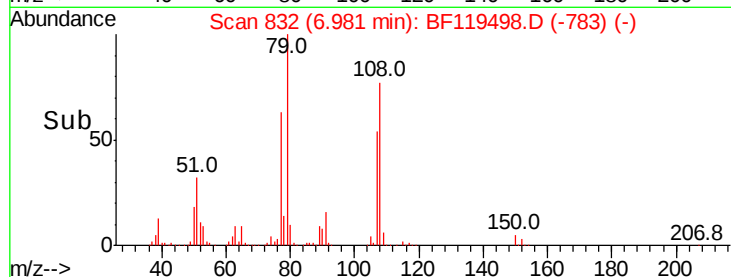
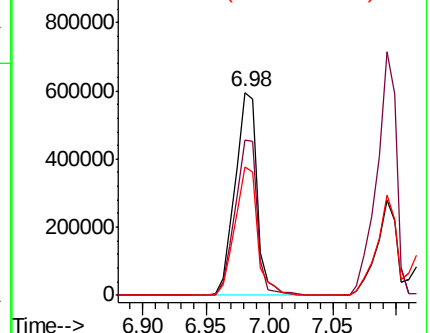
77 63.3 49.0 73.4



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: 36.934 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

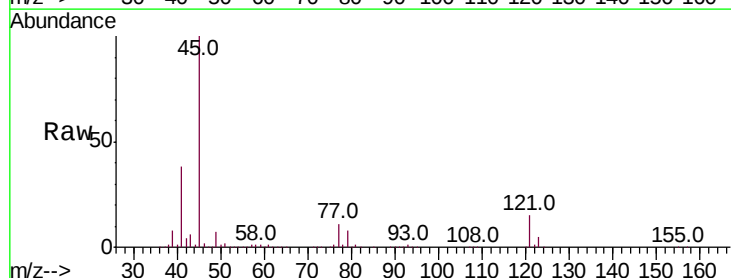
Tgt Ion: 45 Resp: 1517192

Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.1

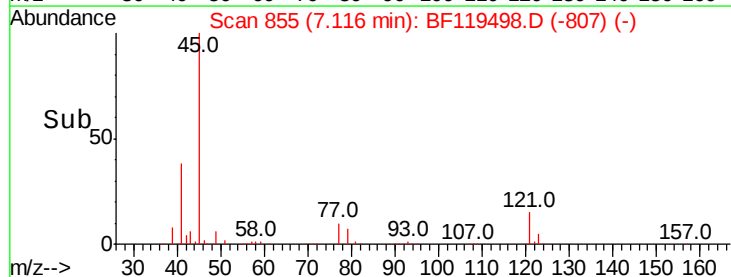
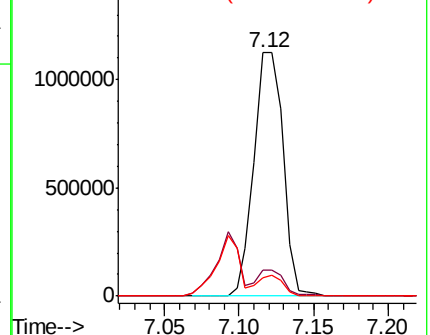
79 7.6 0.0 27.4

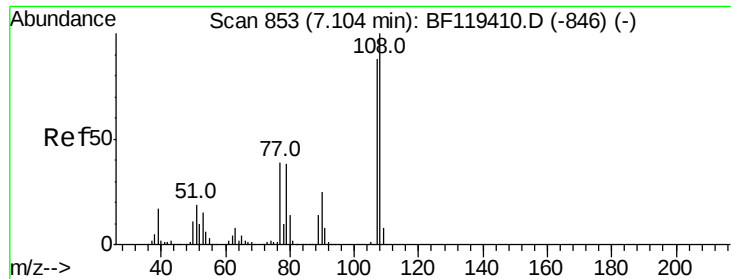


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

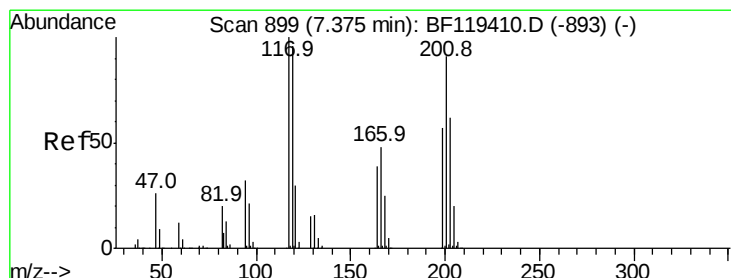
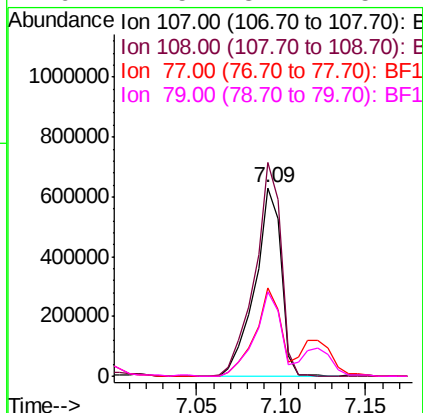
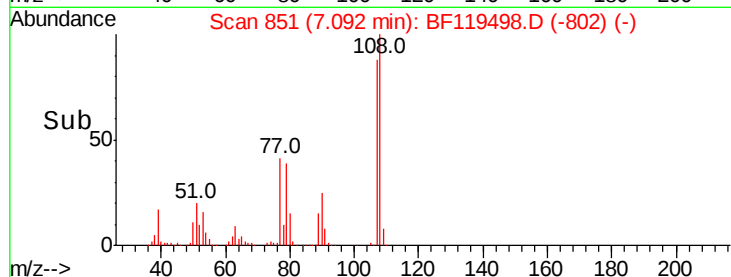
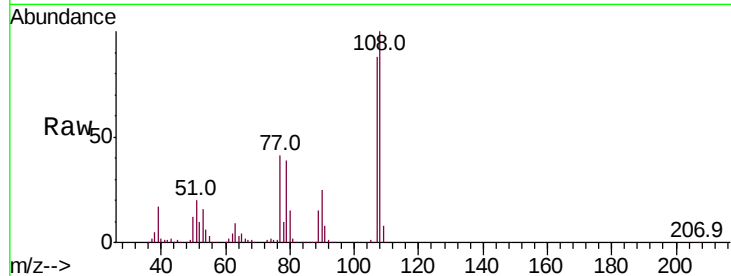




#17
2-Methylphenol
Concen: 37.678 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

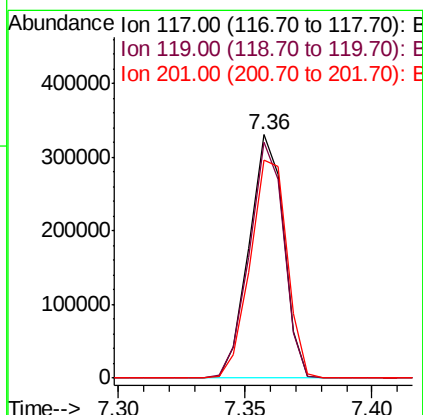
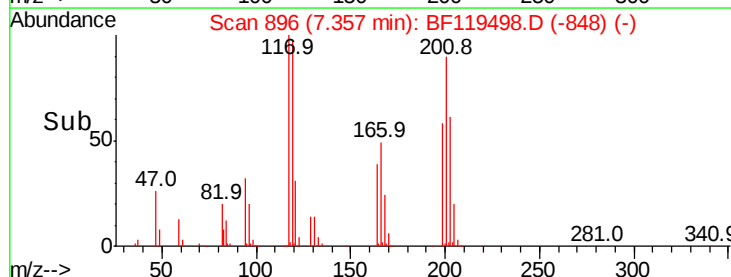
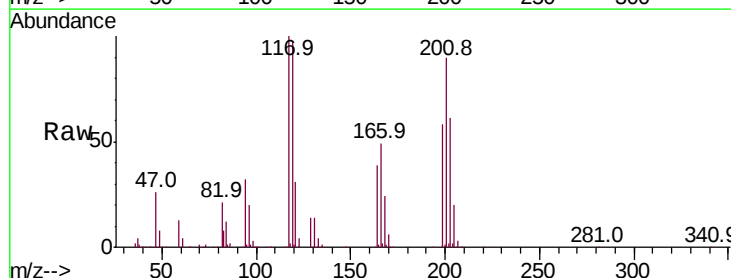
Instrument :
BNA_F
ClientSampleId :
PB127762BS

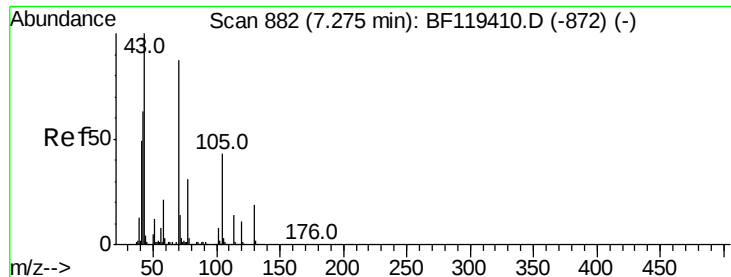
Tot Ion:107 Resp: 677343
Ion Ratio Lower Upper
107 100
108 113.3 90.7 136.1
77 46.7 35.6 53.4
79 44.5 34.7 52.1



#18
Hexachloroethane
Concen: 40.572 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:117 Resp: 315819
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2
201 89.6 72.5 108.7

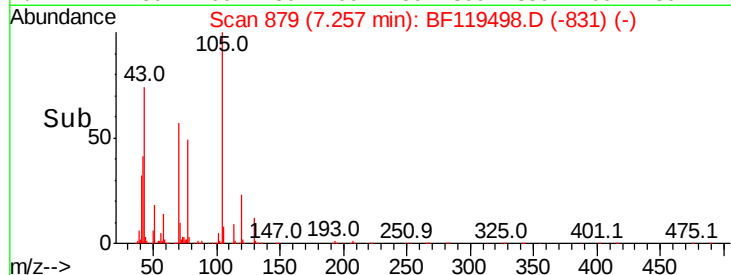
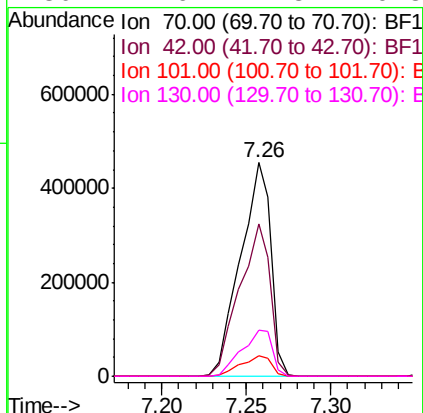
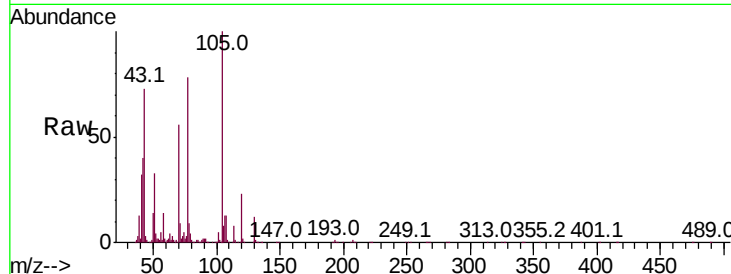




#19
n-Nitroso-di-n-propylamine
Concen: 39.772 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

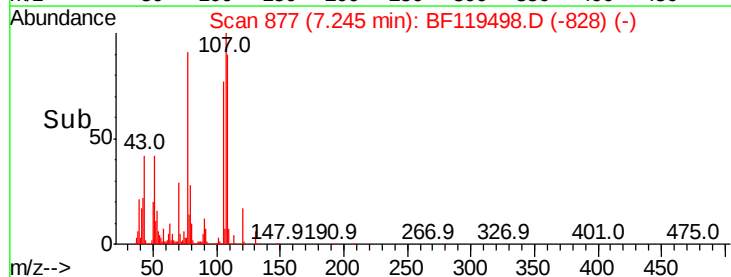
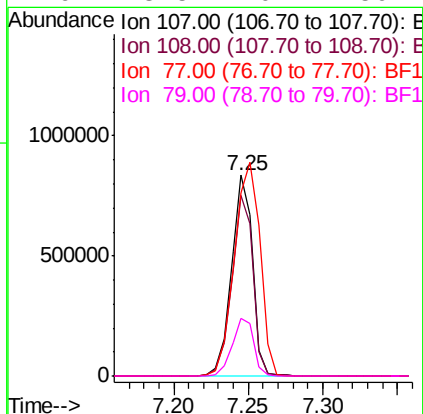
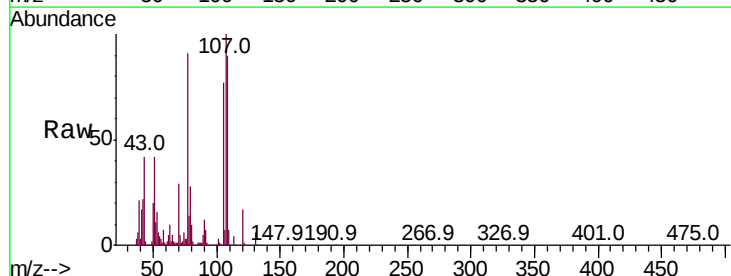
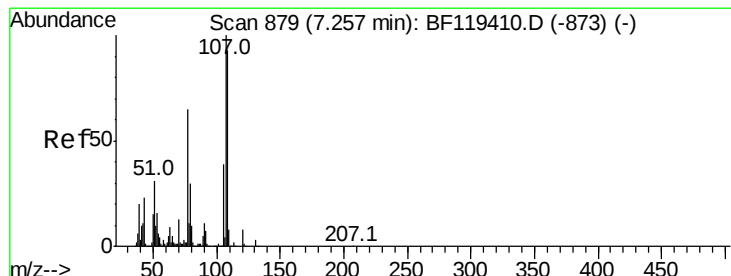
Instrument :
BNA_F
ClientSampleId :
PB127762BS

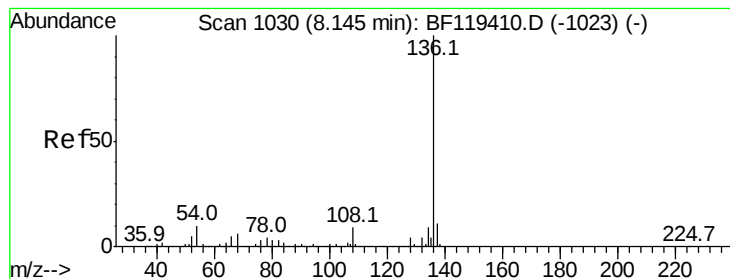
Tot Ion:	70	Resp:	572087
Ion	Ratio	Lower	Upper
70	100		
42	71.5	58.2	87.4
101	9.5	7.4	11.2
130	21.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 37.367 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:	107	Resp:	823256
Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.6	112.6
77	91.5	44.7	84.7
79	28.5	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

Tot Ion:136 Resp: 1153181

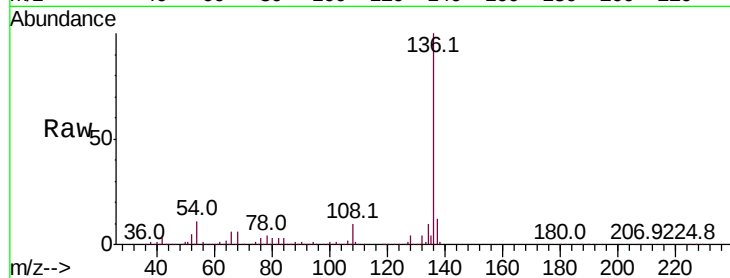
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 10.9 8.3 12.5

68 5.9 4.9 7.3

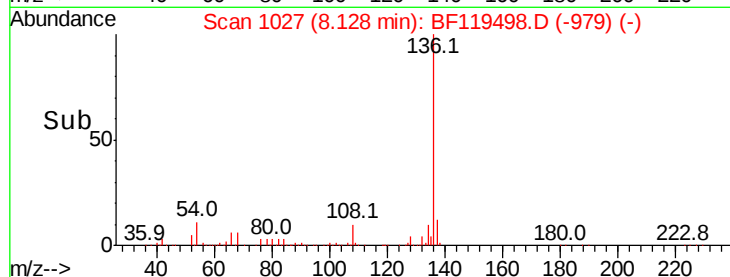


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

1500000

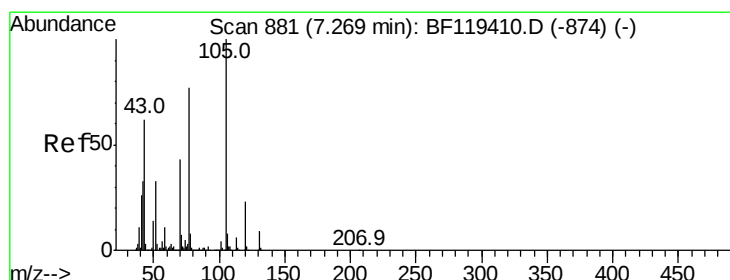
1000000

500000

0

Time-->

8.10 8.15



#22

Acetophenone

Concen: 38.971 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:105 Resp: 1073848

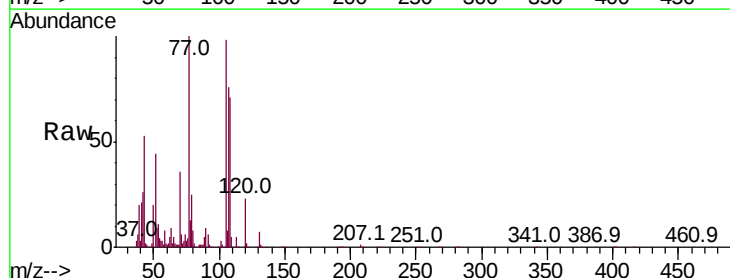
Ion Ratio Lower Upper

105 100

71 6.1 5.8 8.6

51 44.4 26.8 40.2#

120 22.9 18.0 27.0

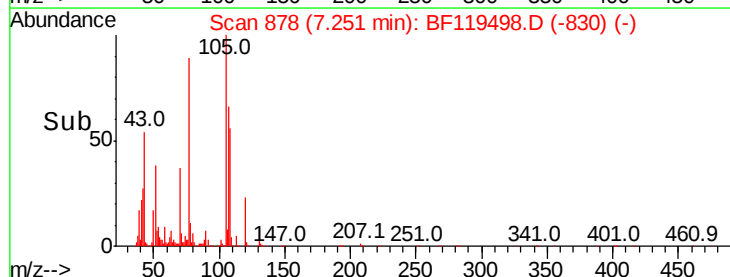


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

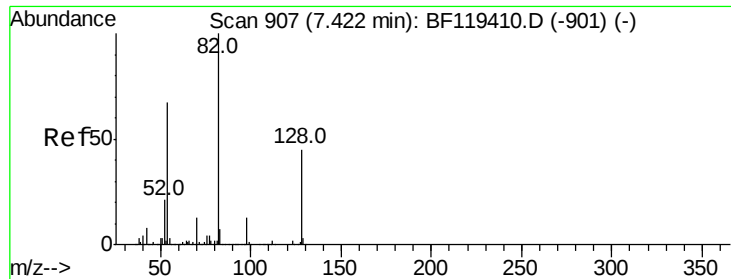
1000000

500000

0

Time-->

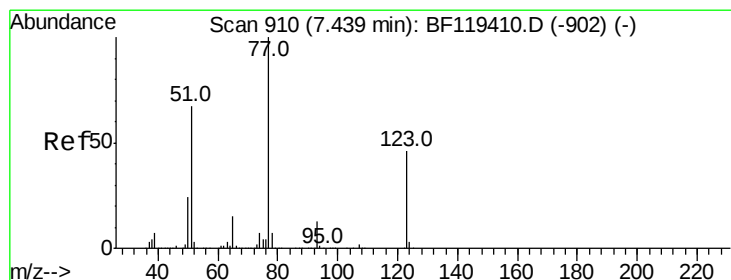
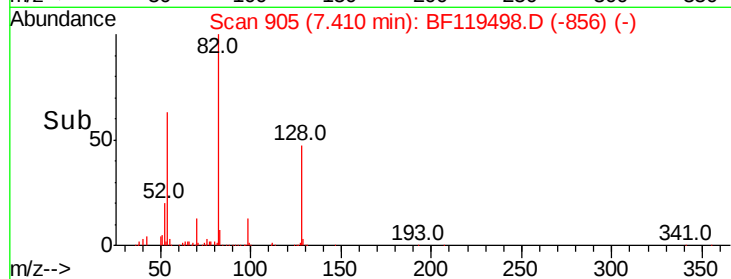
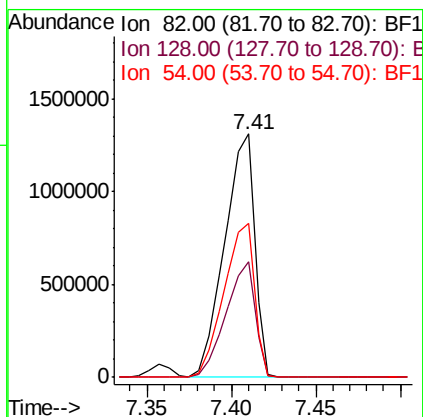
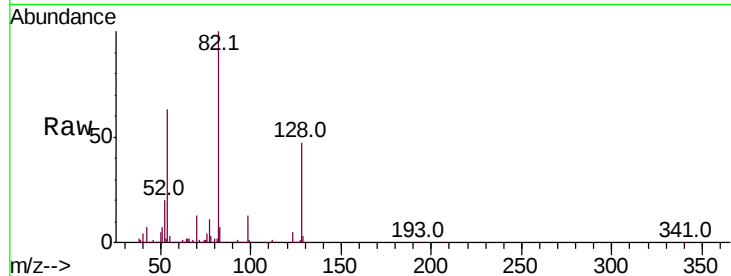
7.15 7.20 7.25 7.30 7.35



#23
 Nitrobenzene-d5
 Concen: 76.663 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

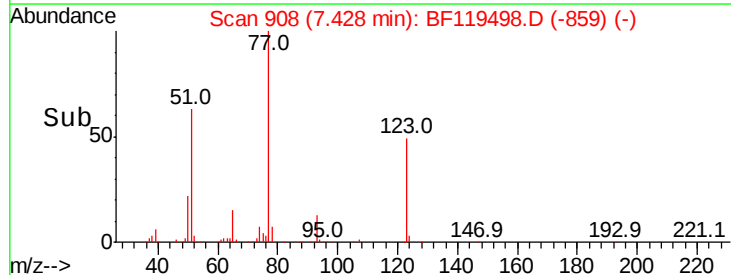
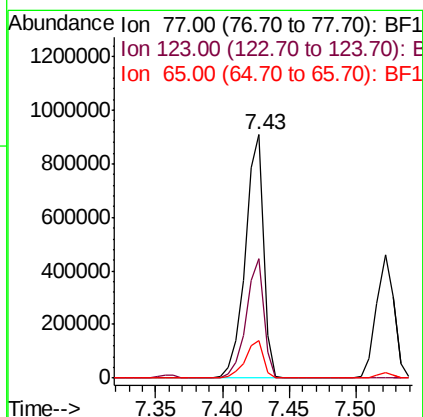
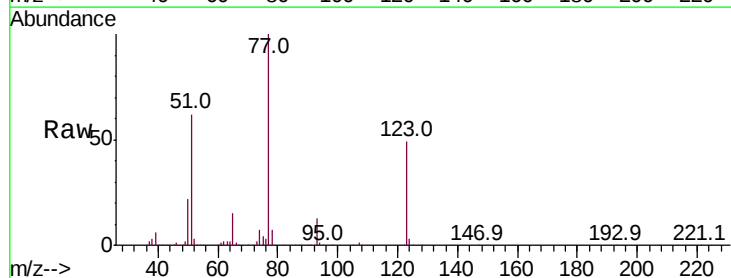
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

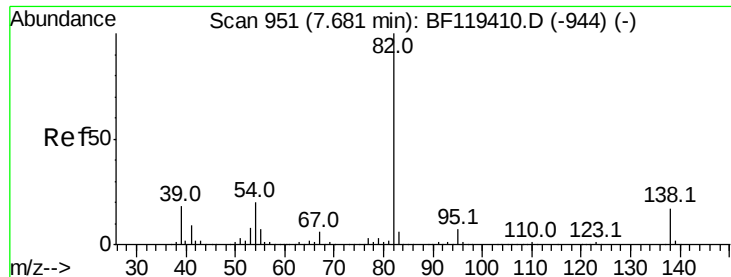
Tot Ion: 82 Resp: 1626682
 Ion Ratio Lower Upper
 82 100
 128 47.4 35.8 53.8
 54 63.5 53.4 80.0



#24
 Nitrobenzene
 Concen: 37.725 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion: 77 Resp: 855452
 Ion Ratio Lower Upper
 77 100
 123 49.3 36.9 55.3
 65 15.4 12.2 18.4





#25

Isophorone

Concen: 37.439 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

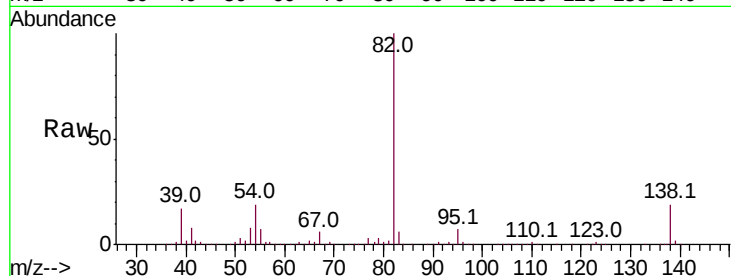
Tot Ion: 82 Resp: 1611485

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

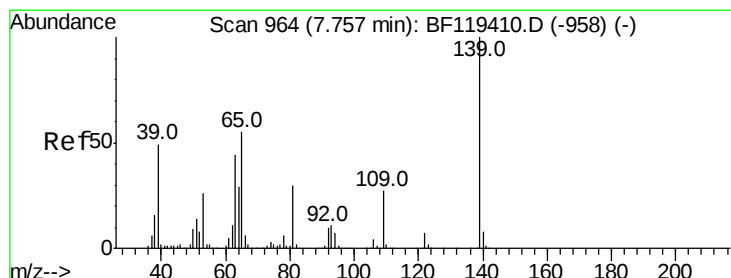
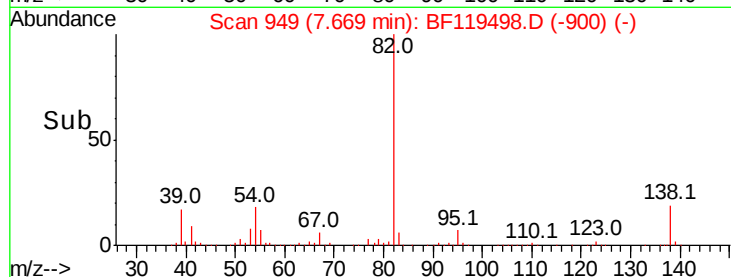
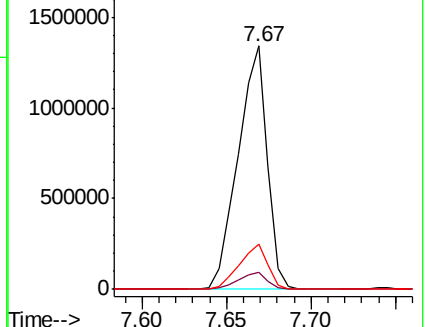
138 18.6 13.8 20.8



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: 48.840 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

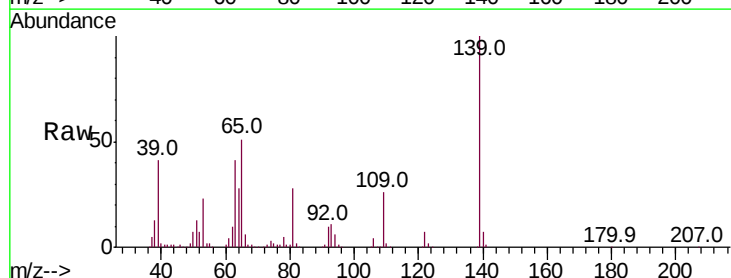
Tgt Ion: 139 Resp: 436063

Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

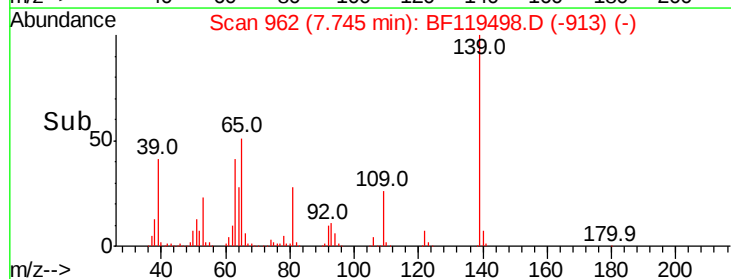
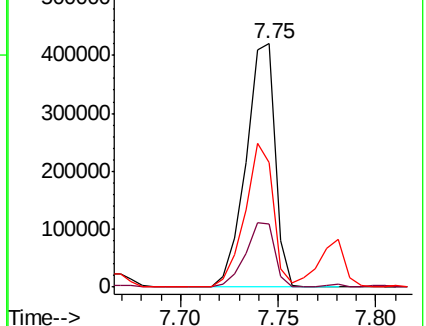
65 51.0 43.9 65.9

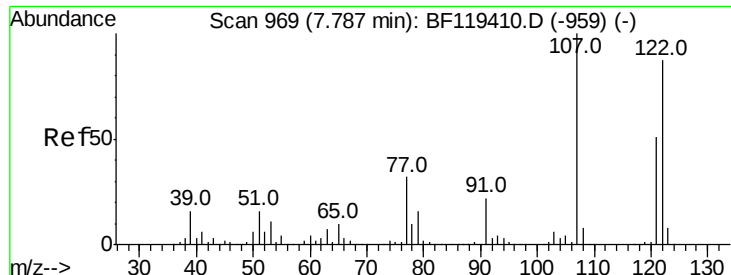


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

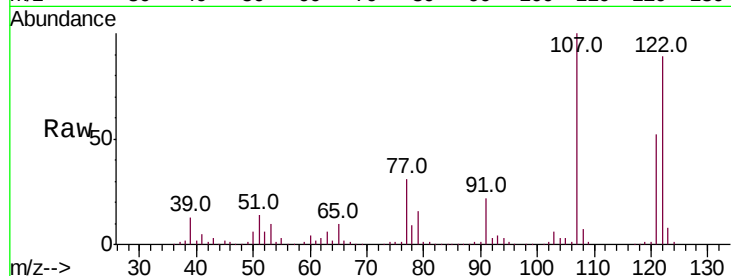




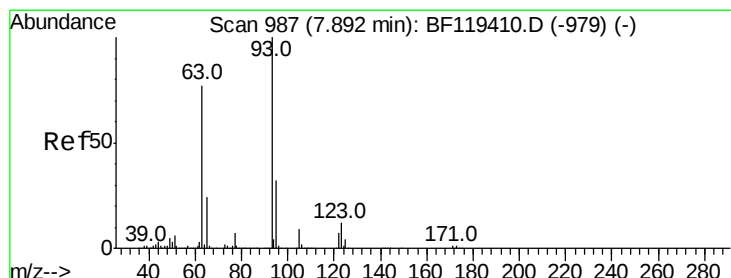
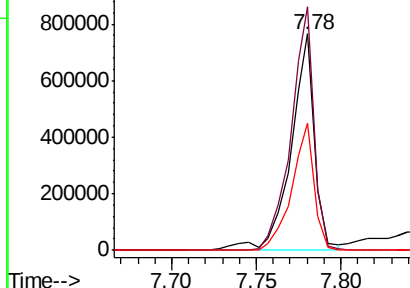
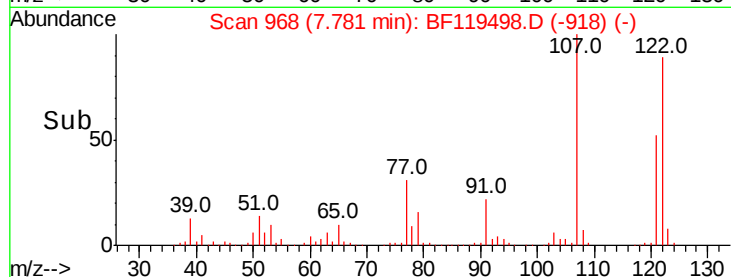
#27
 2,4-Dimethylphenol
 Concen: 40.509 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:122 Resp: 747859
 Ion Ratio Lower Upper
 122 100
 107 112.5 91.8 137.6
 121 58.6 46.5 69.7

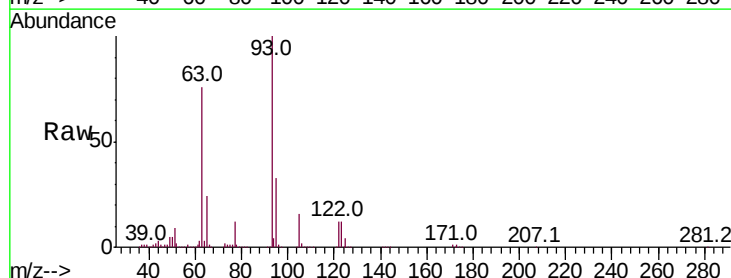


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

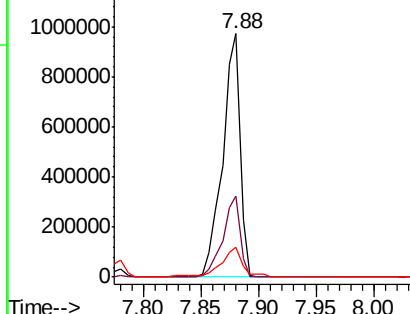
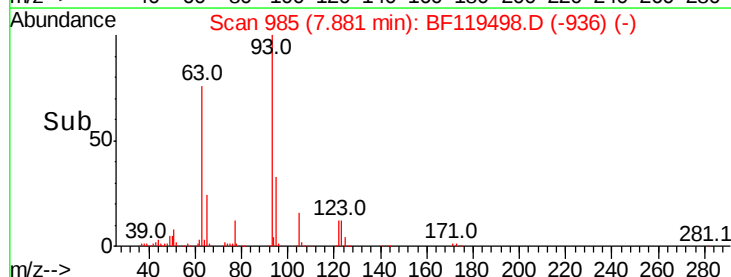


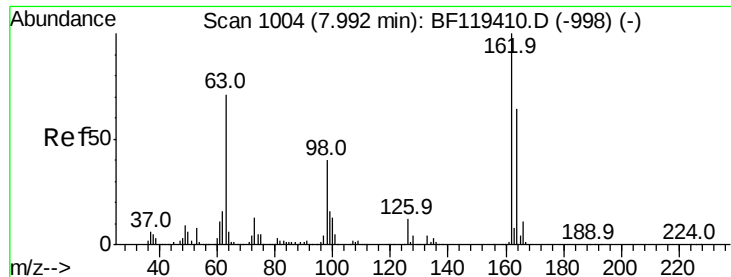
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.097 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion: 93 Resp: 1020568
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.0 39.0
 123 12.2 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: 40.660 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

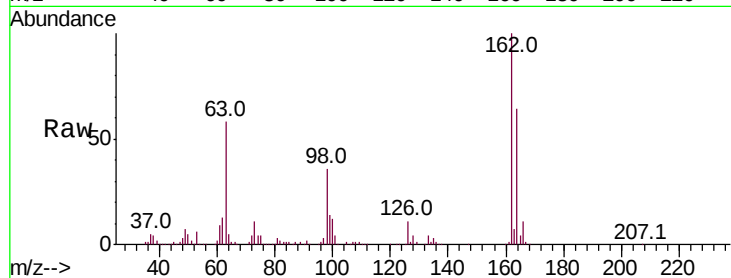
Tot Ion:162 Resp: 689729

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

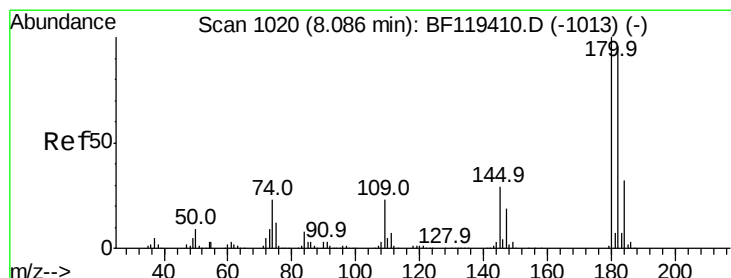
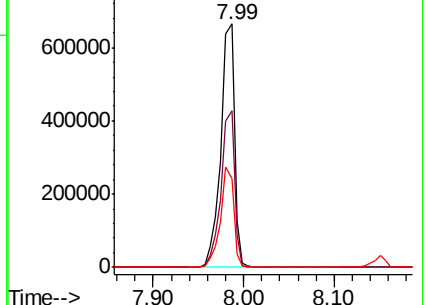
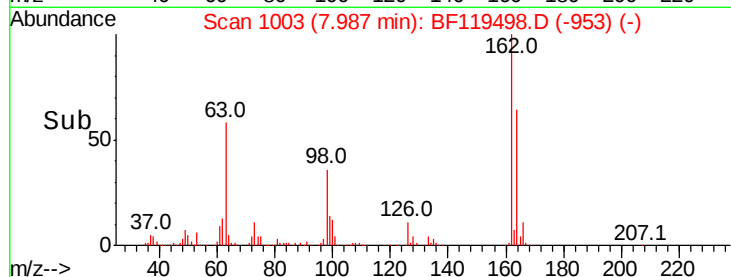
98 36.3 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.695 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

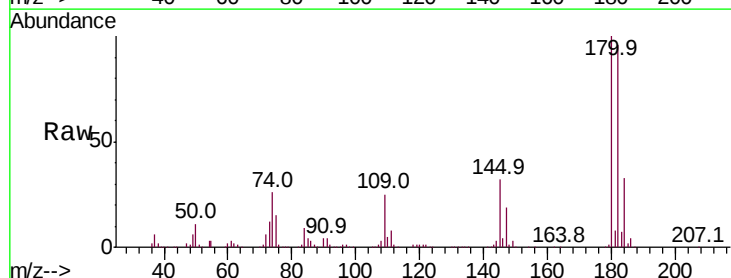
Tgt Ion:180 Resp: 725913

Ion Ratio Lower Upper

180 100

182 96.2 76.6 115.0

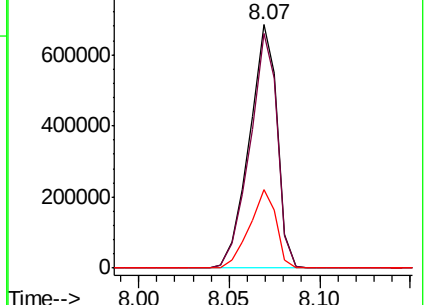
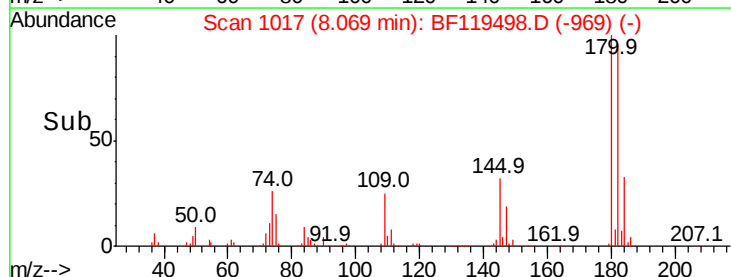
145 32.3 23.2 34.8

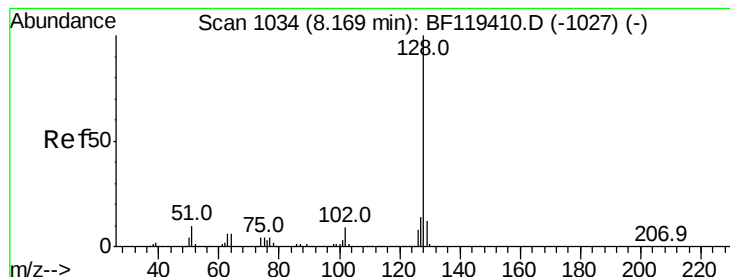


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.108 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

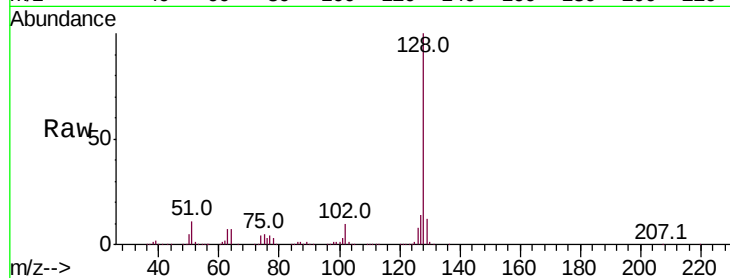
Tot Ion:128 Resp: 2320850

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

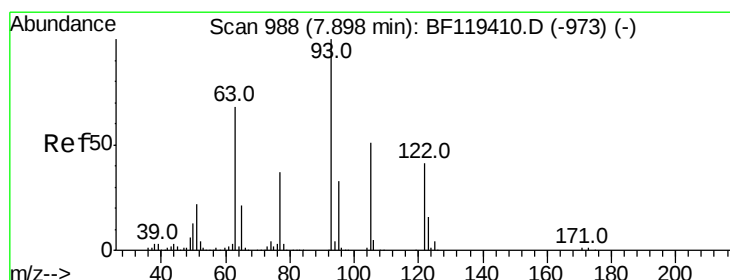
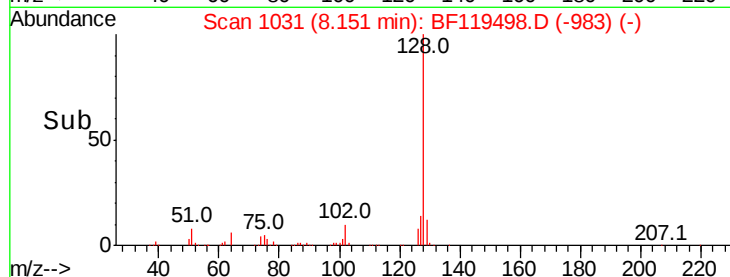
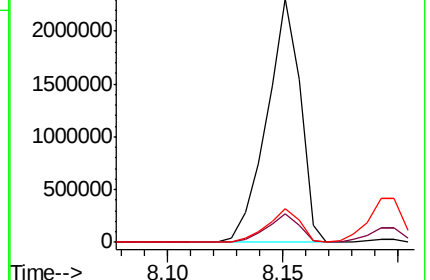
127 13.8 11.0 16.4



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: 48.937 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

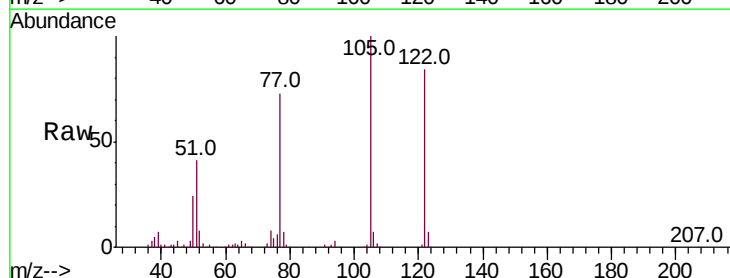
Tgt Ion:122 Resp: 581152

Ion Ratio Lower Upper

122 100

105 118.4 102.9 142.9

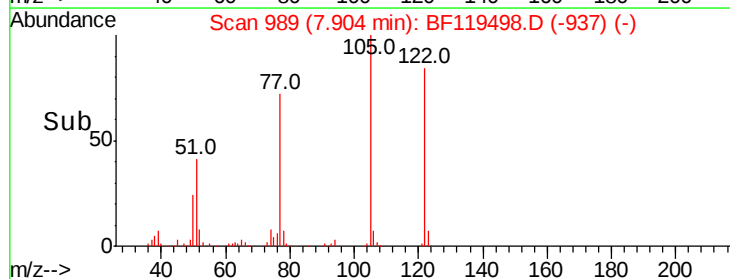
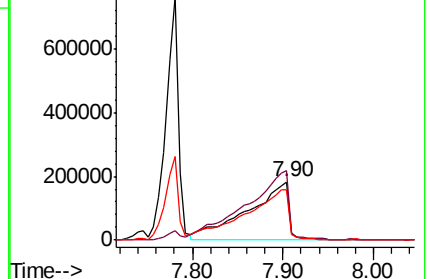
77 85.9 70.1 110.1

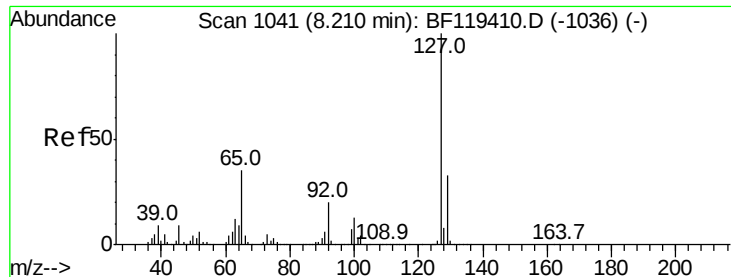


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

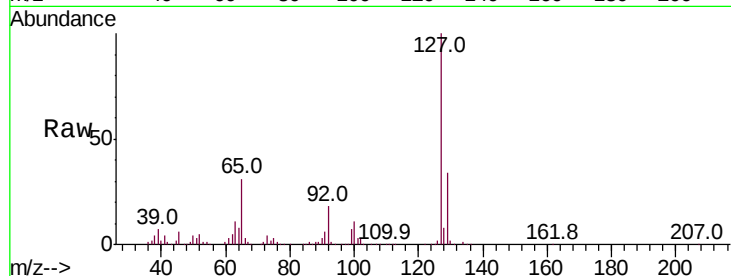




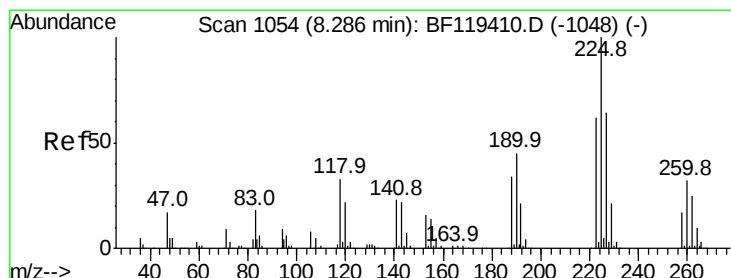
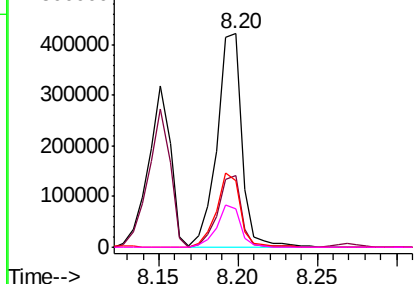
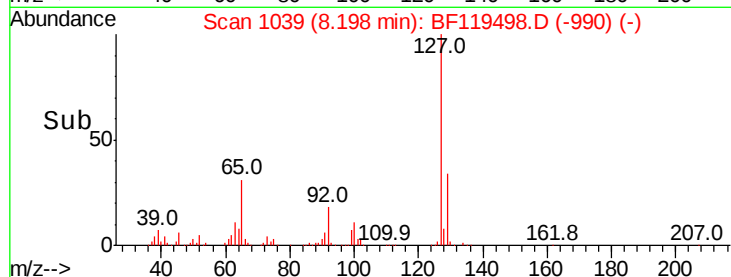
#33
4-Chloroaniline
Concen: 16.824 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:127 Resp: 457488
Ion Ratio Lower Upper
127 100
129 33.7 26.2 39.4
65 31.0 27.7 41.5
92 17.7 15.8 23.6

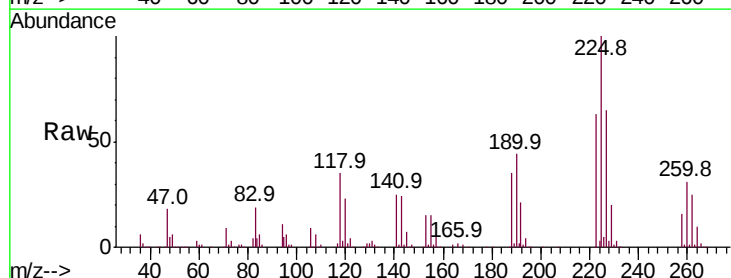


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

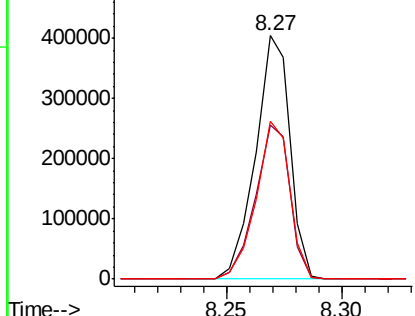
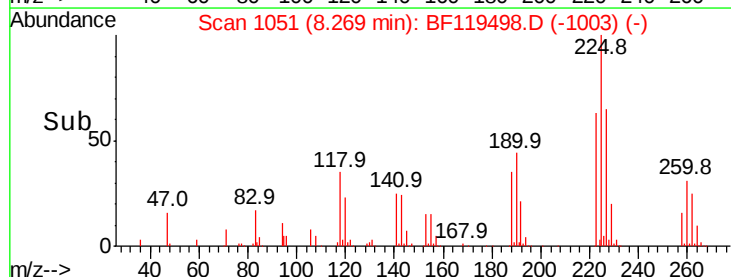


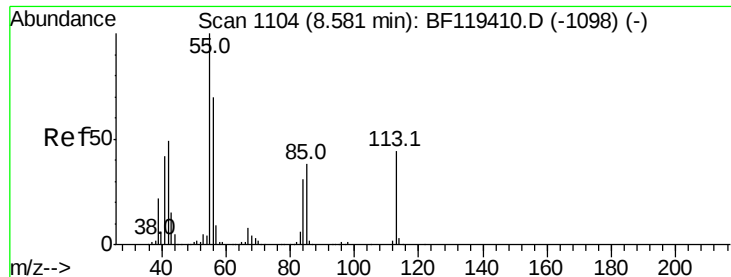
#34
Hexachlorobutadiene
Concen: 40.027 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:225 Resp: 420132
Ion Ratio Lower Upper
225 100
223 63.2 49.2 73.8
227 64.8 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: 23.724 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

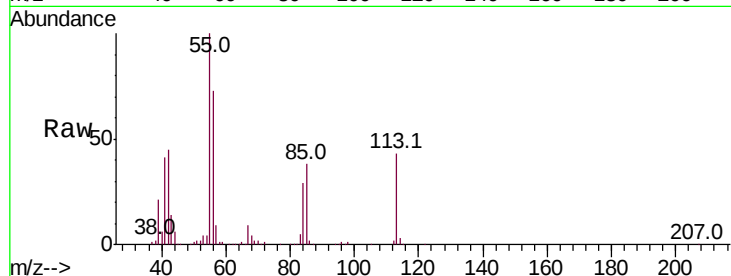
Tot Ion:113 Resp: 131707

Ion Ratio Lower Upper

113 100

55 234.3 208.4 248.4

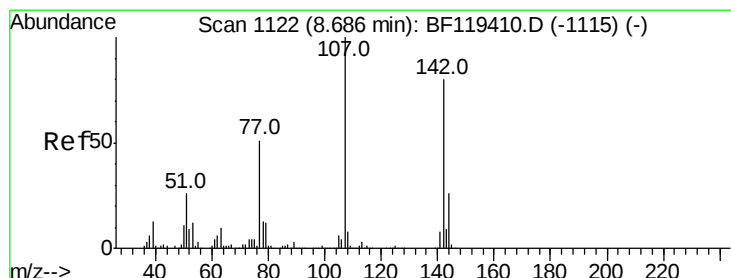
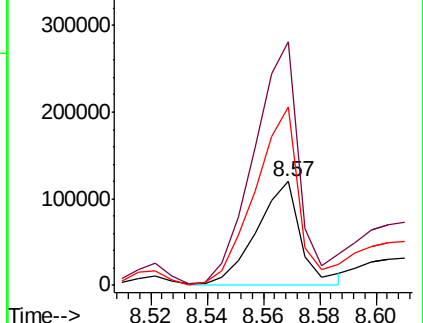
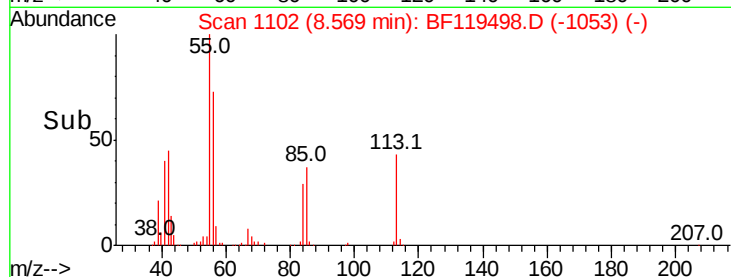
56 171.3 138.9 178.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.782 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

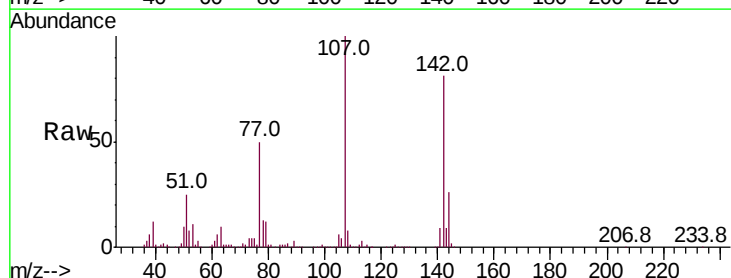
Tgt Ion:107 Resp: 756104

Ion Ratio Lower Upper

107 100

144 25.9 20.6 31.0

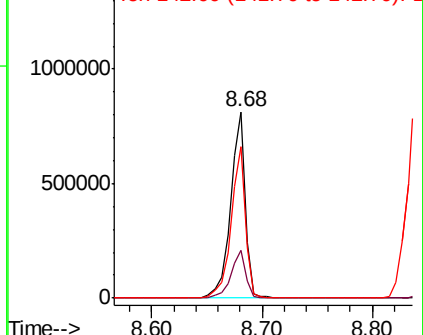
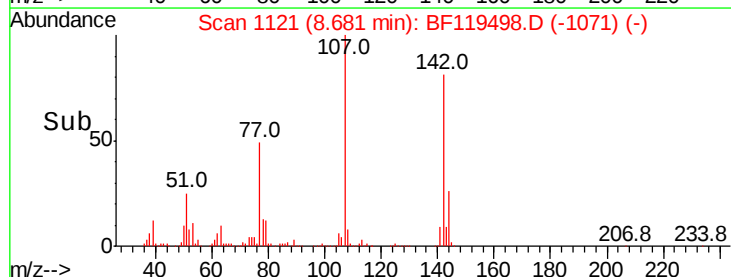
142 81.3 63.8 95.6

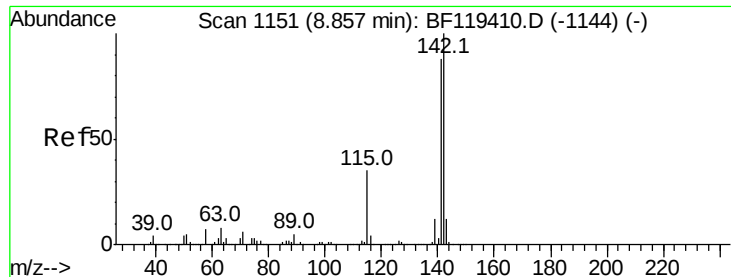


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

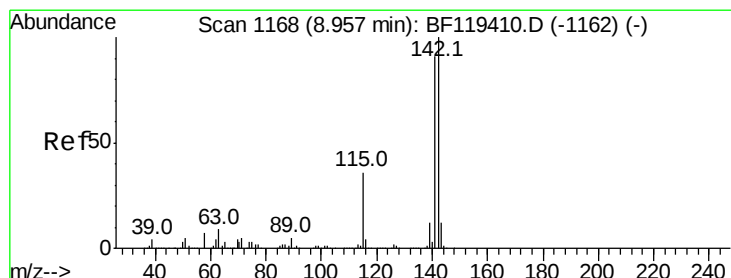
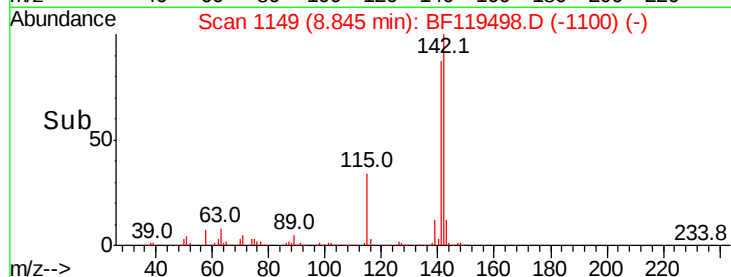
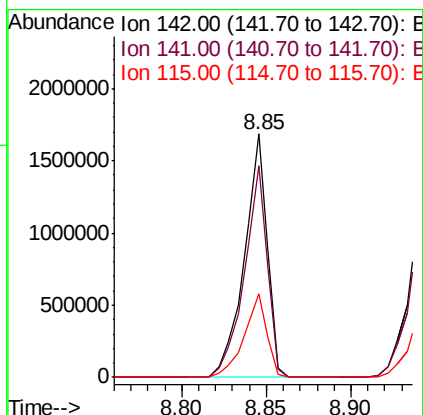
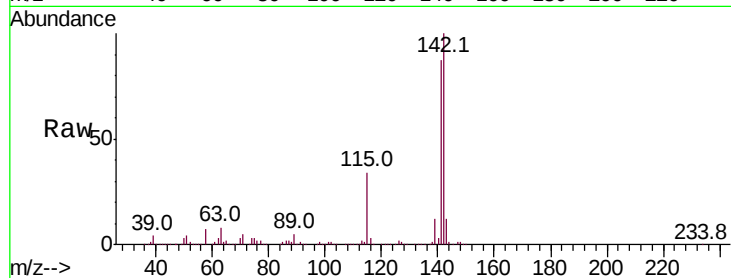




#37
2-Methylnaphthalene
Concen: 40.975 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

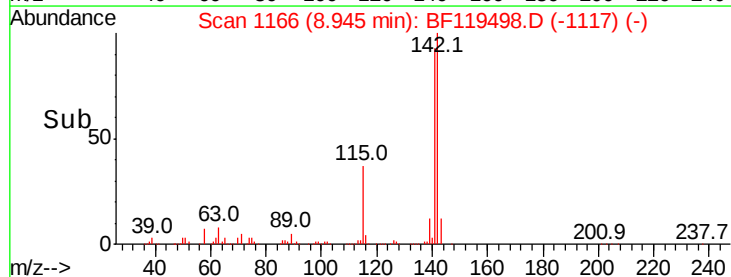
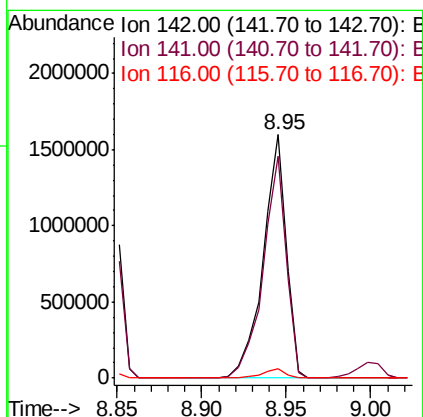
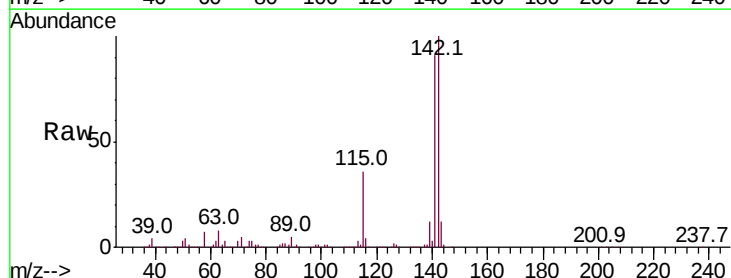
Instrument :
BNA_F
ClientSampleId :
PB127762BS

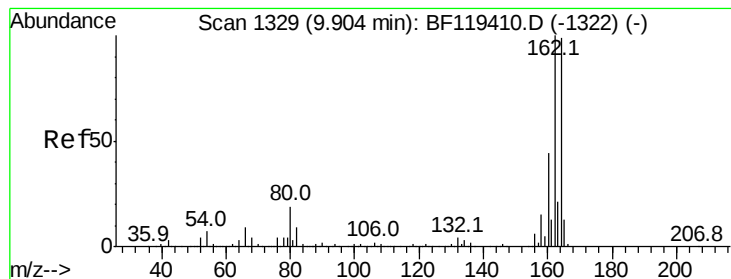
Tot Ion:142 Resp: 1595851
Ion Ratio Lower Upper
142 100
141 86.8 70.4 105.6
115 34.4 27.8 41.6



#38
1-Methylnaphthalene
Concen: 40.861 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:142 Resp: 1506311
Ion Ratio Lower Upper
142 100
141 91.2 73.1 109.7
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

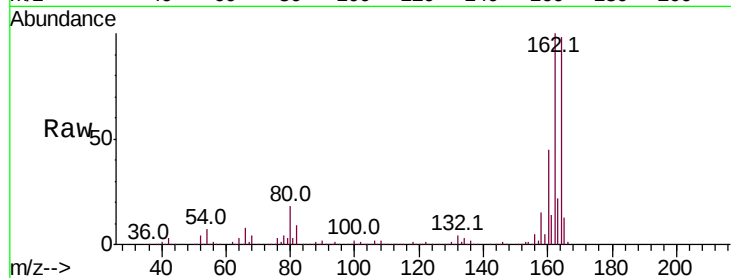
Tot Ion:164 Resp: 607328

Ion Ratio Lower Upper

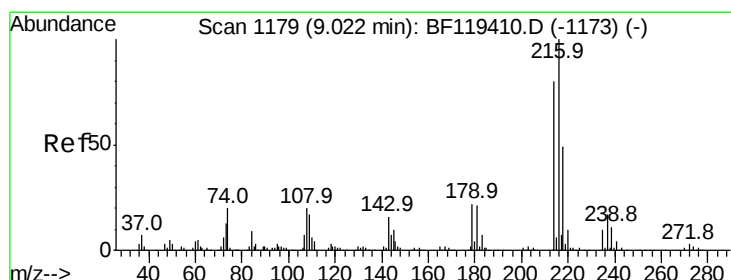
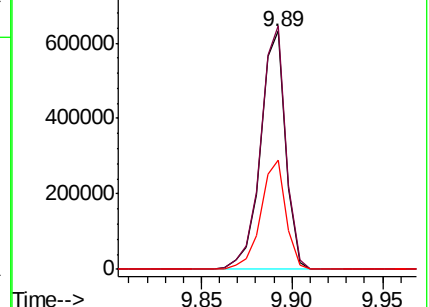
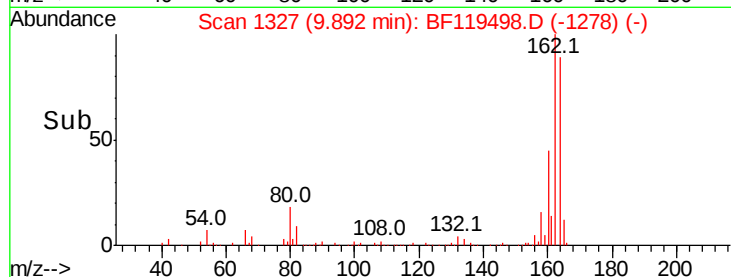
164 100

162 102.1 80.7 121.1

160 45.9 35.5 53.3



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.740 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Tgt Ion:216 Resp: 689625

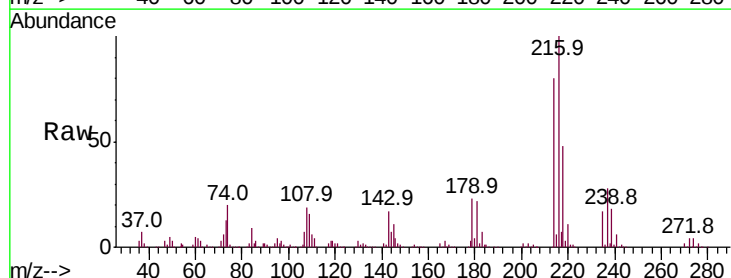
Ion Ratio Lower Upper

216 100

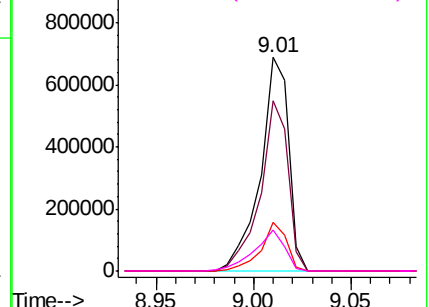
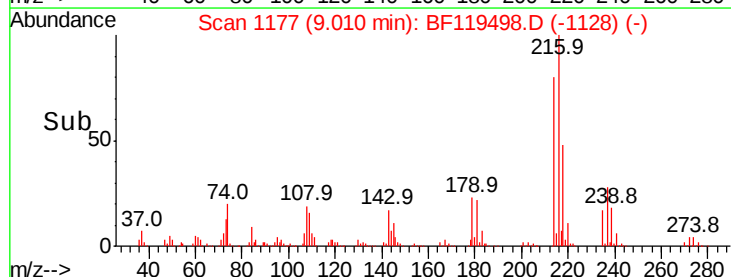
214 78.3 63.0 94.6

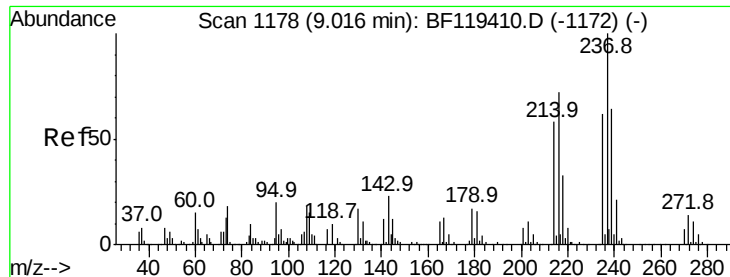
179 21.1 17.0 25.4

108 20.7 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: 82.511 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

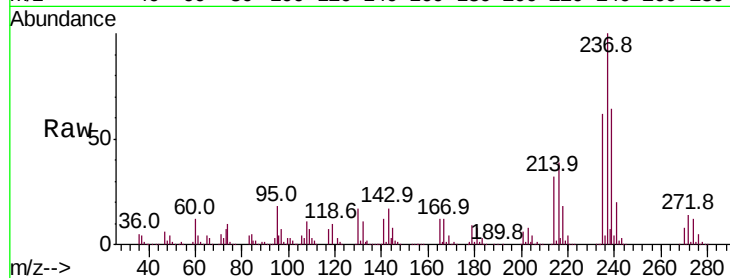
Tot Ion:237 Resp: 835032

Ion Ratio Lower Upper

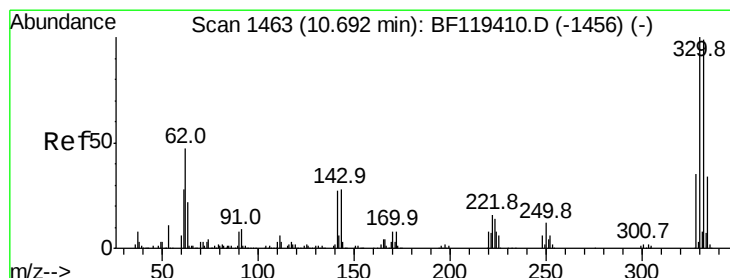
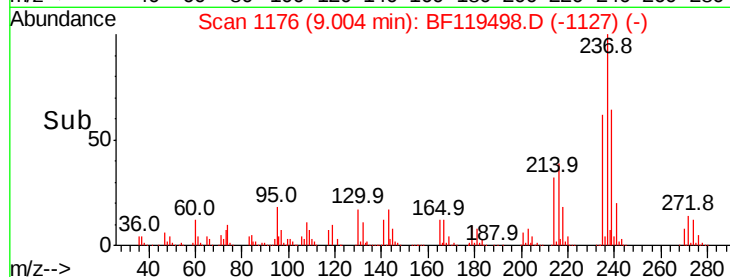
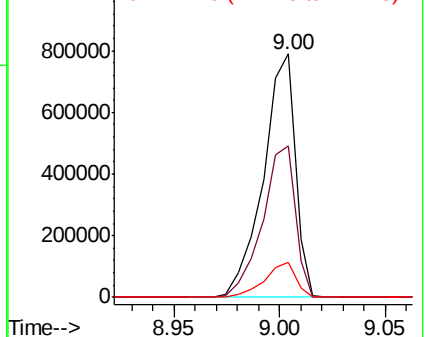
237 100

235 62.3 42.5 82.5

272 14.4 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 124.614 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

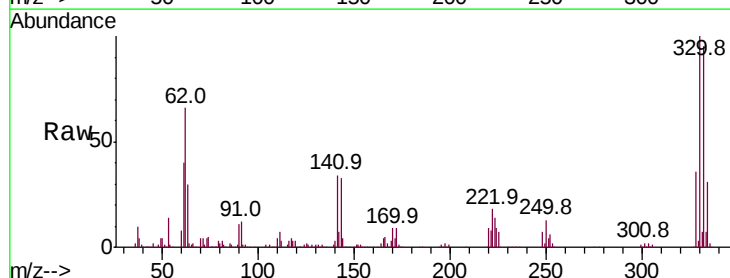
Tgt Ion:330 Resp: 780782

Ion Ratio Lower Upper

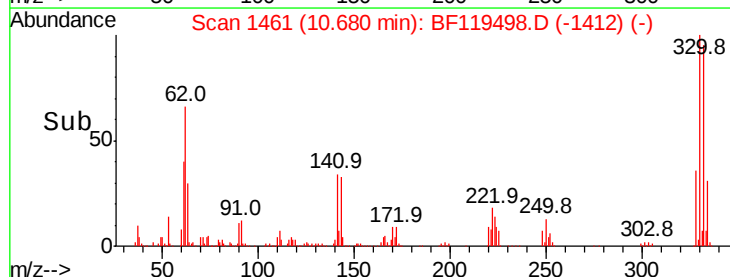
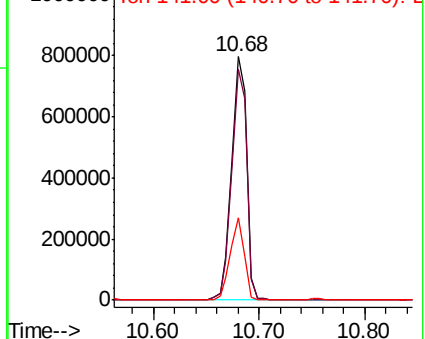
330 100

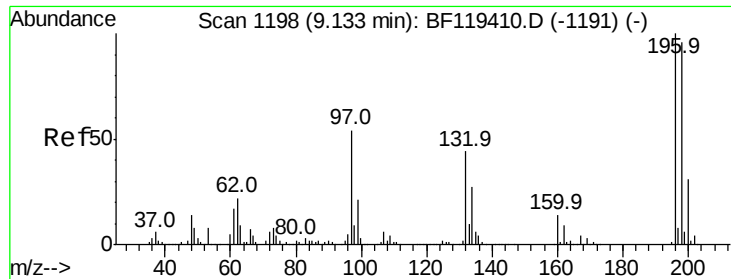
332 95.2 77.6 116.4

141 31.6 26.6 40.0



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

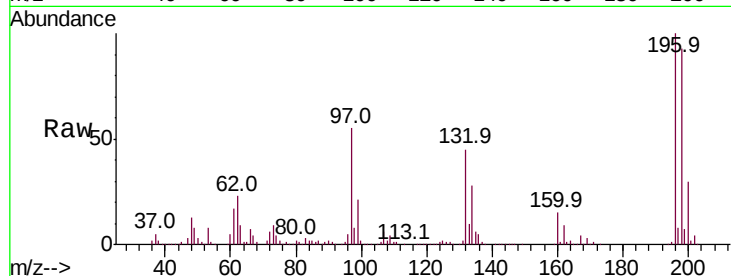




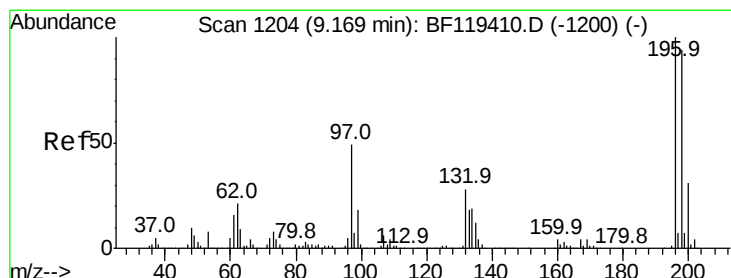
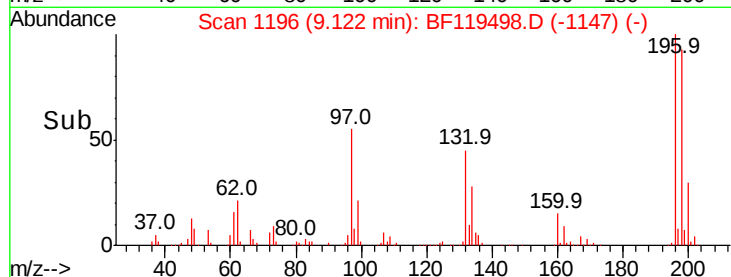
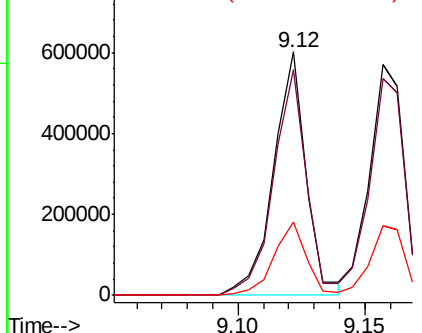
#43
 2,4,6-Trichlorophenol
 Concen: 41.894 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:196 Resp: 533688
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.0 115.4
 200 30.2 25.1 37.7

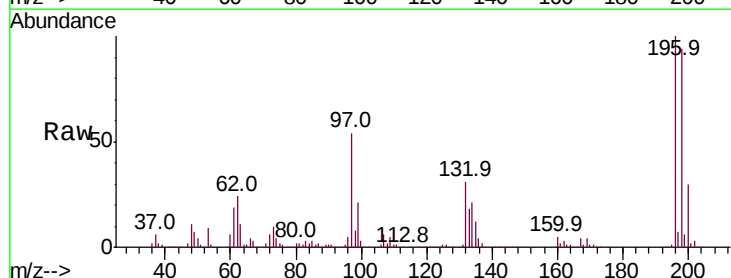


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

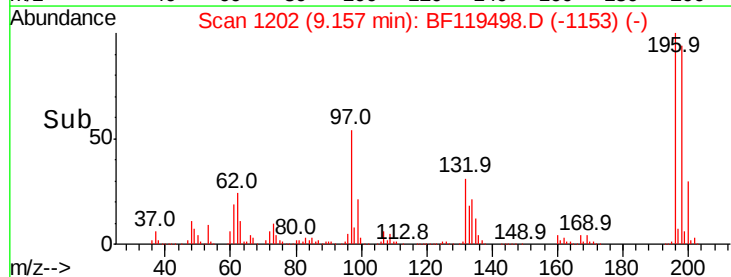
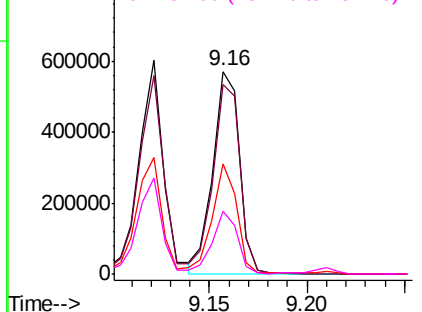


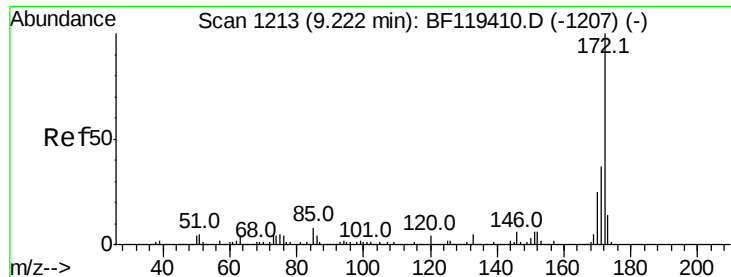
#44
 2,4,5-Trichlorophenol
 Concen: 37.888 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion:196 Resp: 540683
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.3 112.9
 97 54.3 39.0 58.4
 132 30.9 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



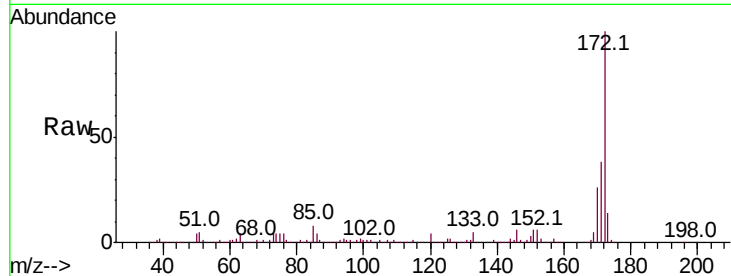


#45
 2-Fluorobiphenyl
 Concen: 75.049 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

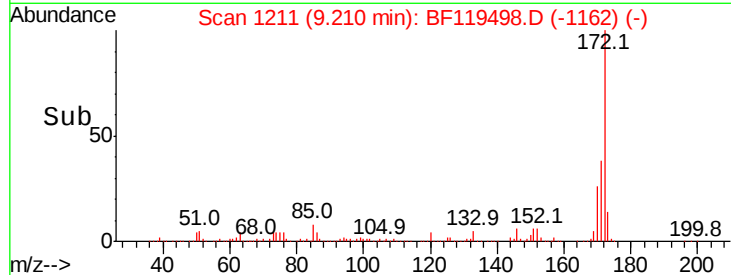
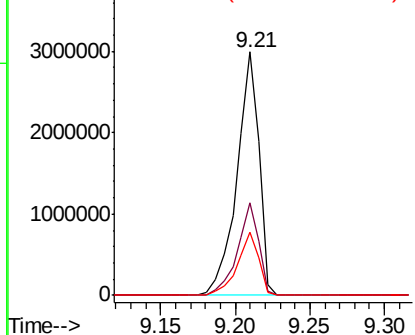
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:172 Resp: 3076617

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	25.9	20.1	30.1



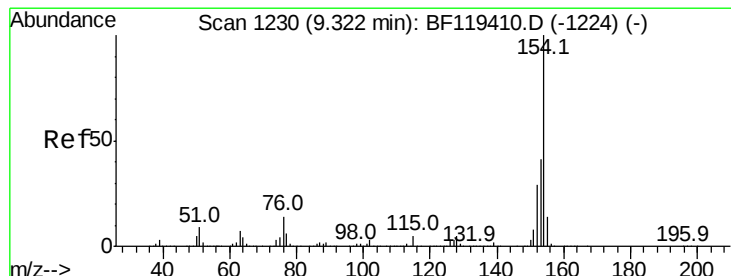
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



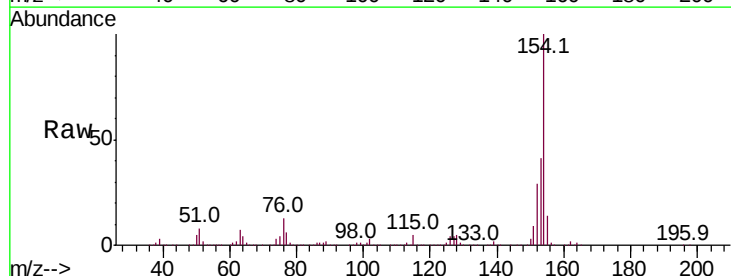
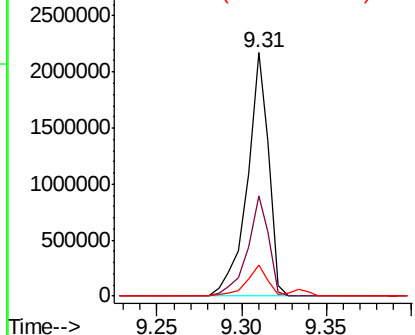
#46
 1,1'-Biphenyl
 Concen: 38.836 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

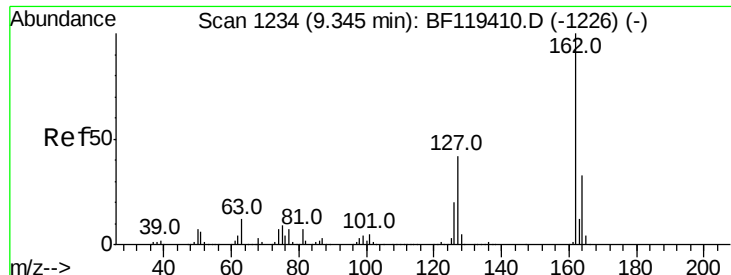
Tgt Ion:154 Resp: 1920981

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	12.8	0.0	33.6



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

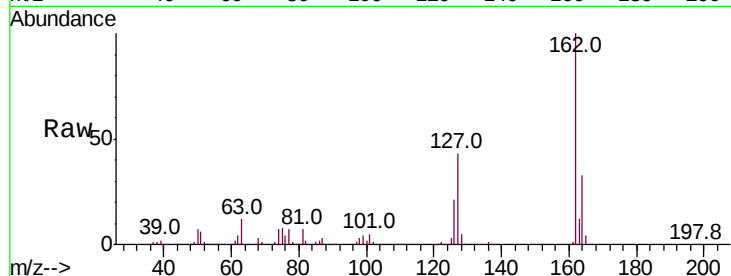




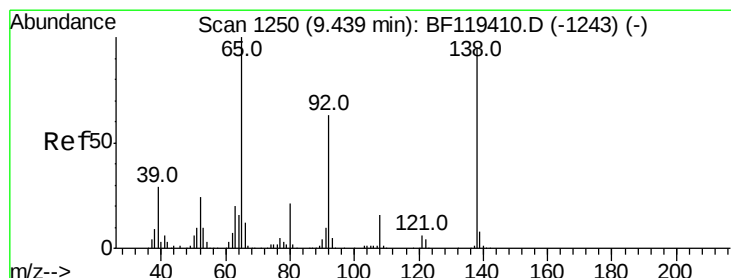
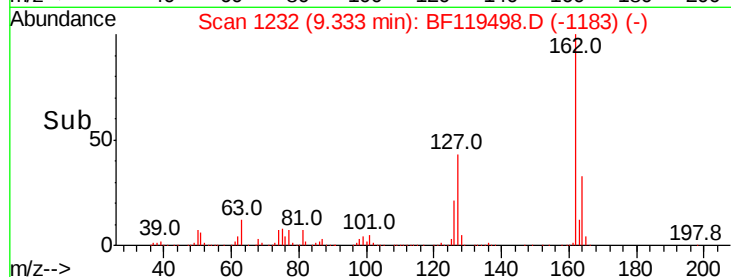
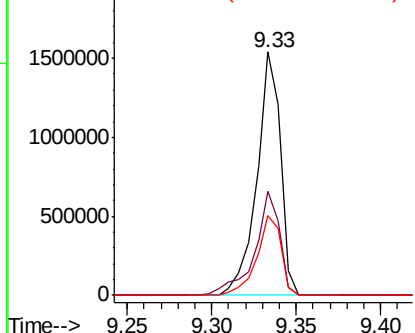
#47
 2-Chloronaphthalene
 Concen: 38.771 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:162 Resp: 1502216
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.7 50.5
 164 32.5 26.2 39.4

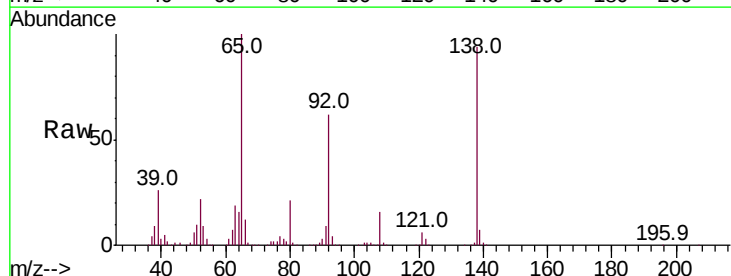


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

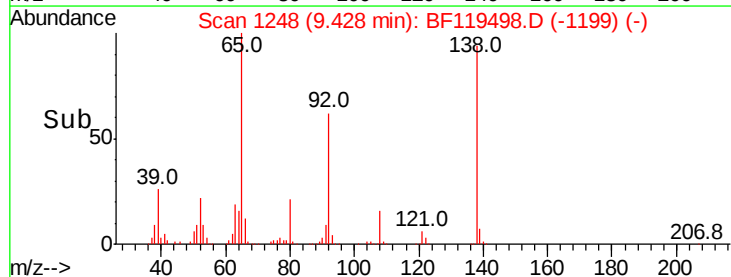
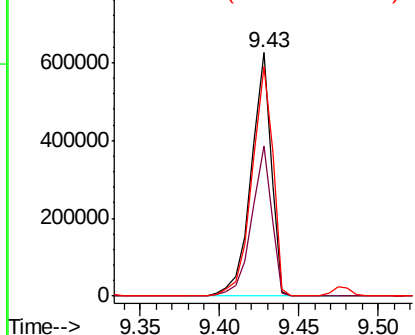


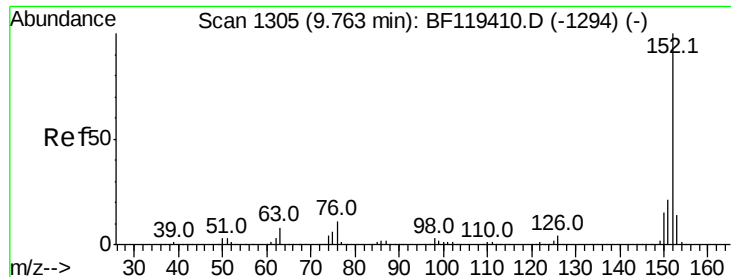
#48
 2-Nitroaniline
 Concen: 40.886 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion: 65 Resp: 546786
 Ion Ratio Lower Upper
 65 100
 92 61.7 50.5 75.7
 138 94.1 75.8 113.8



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





#49

Acenaphthylene

Concen: 39.193 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

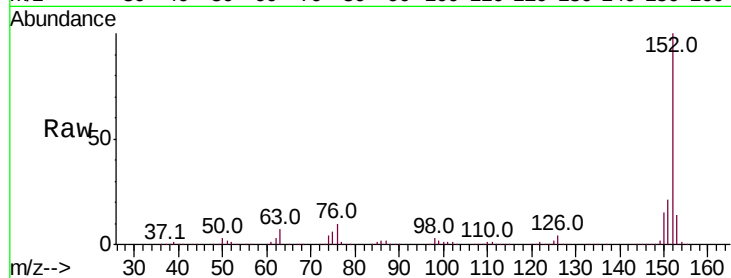
Tot Ion:152 Resp: 2384689

Ion Ratio Lower Upper

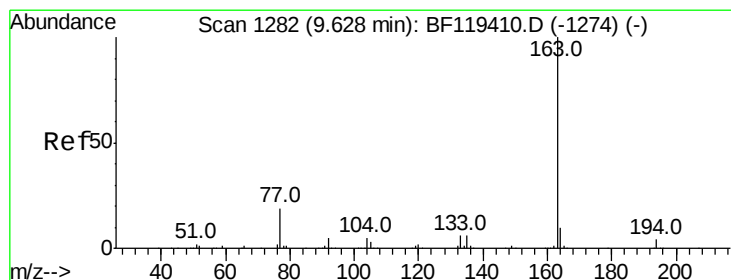
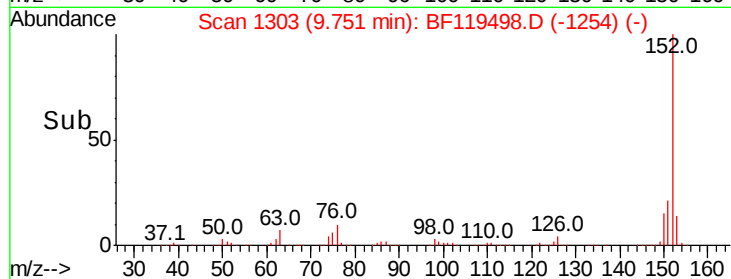
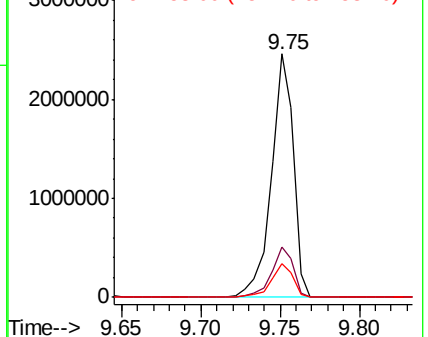
152 100

151 20.9 16.8 25.2

153 13.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.084 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

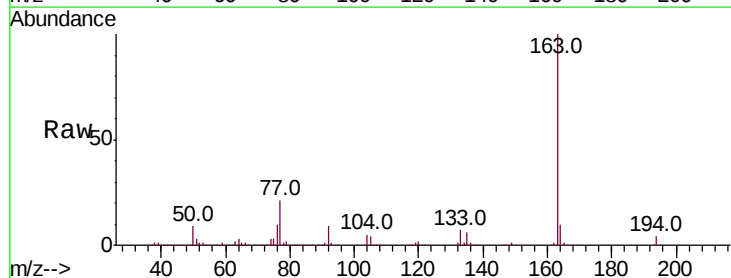
Tgt Ion:163 Resp: 1772320

Ion Ratio Lower Upper

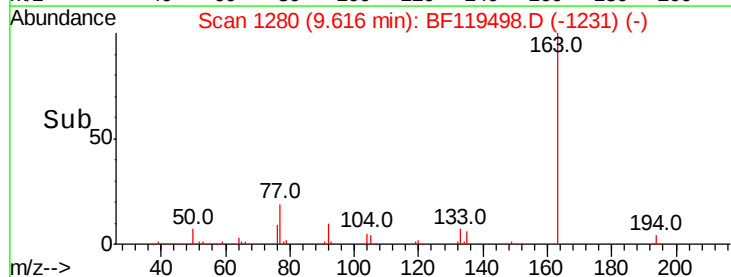
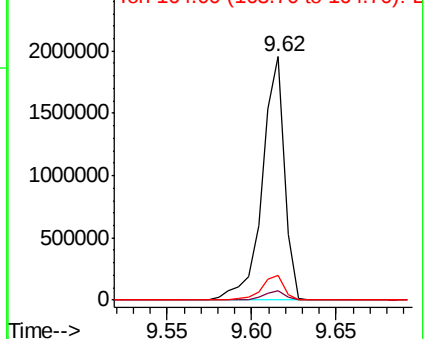
163 100

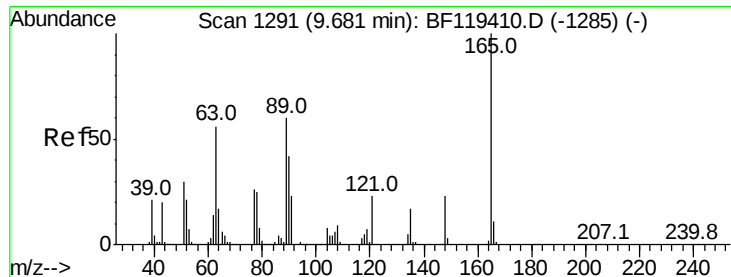
194 4.0 3.2 4.8

164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.238 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

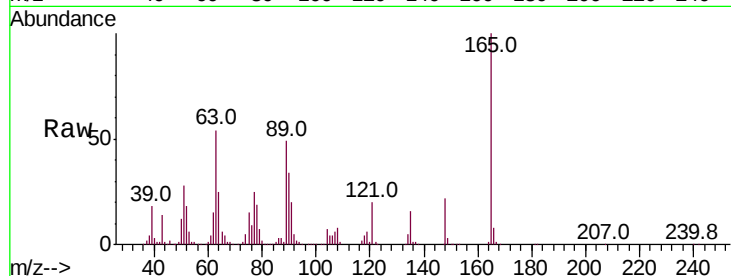
Tot Ion:165 Resp: 399805

Ion Ratio Lower Upper

165 100

63 53.8 57.3 85.9#

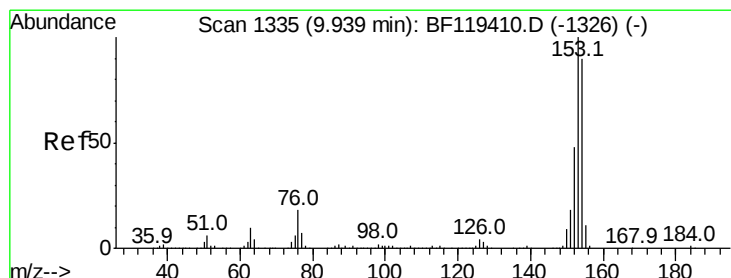
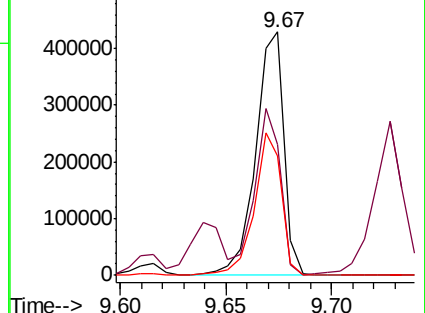
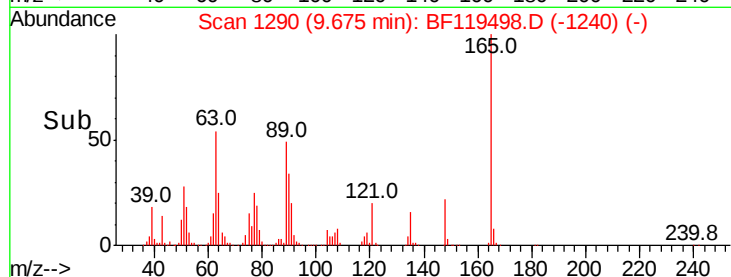
89 49.1 47.8 71.8



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: 43.221 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

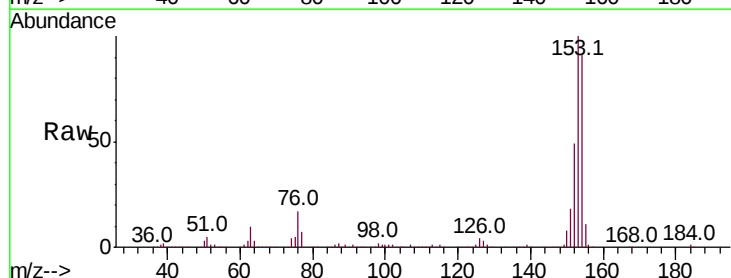
Tgt Ion:154 Resp: 1639448

Ion Ratio Lower Upper

154 100

153 109.9 89.0 133.6

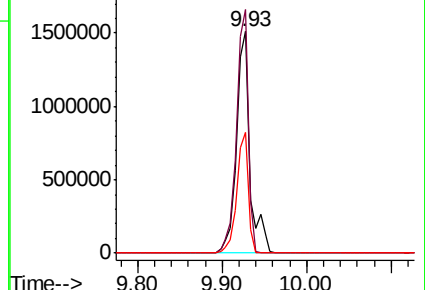
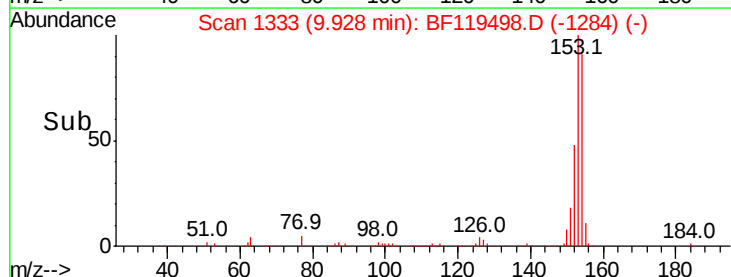
152 54.3 43.1 64.7

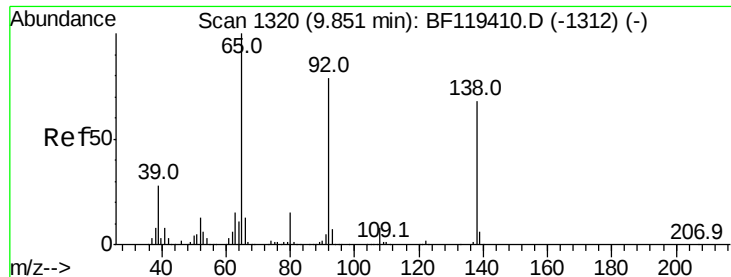


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

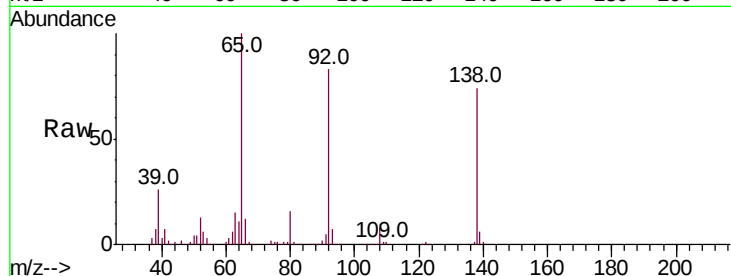




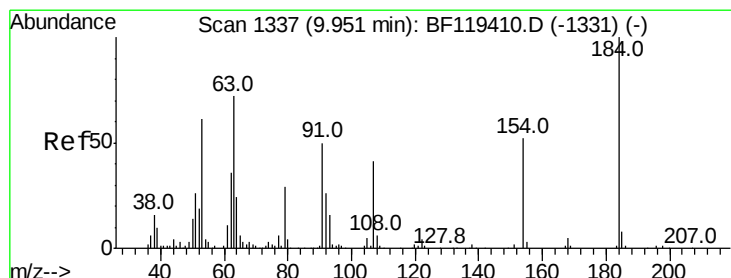
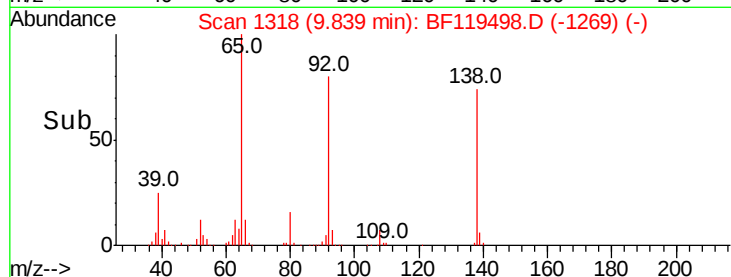
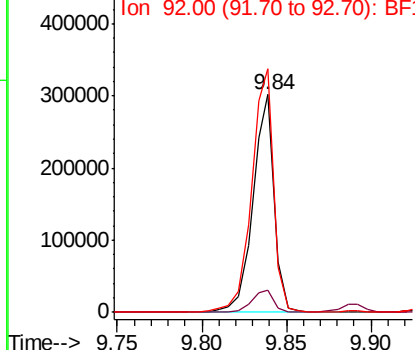
#53
3-Nitroaniline
Concen: 22.623 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:138 Resp: 264093
Ion Ratio Lower Upper
138 100
108 10.2 9.0 13.6
92 111.9 93.2 139.8

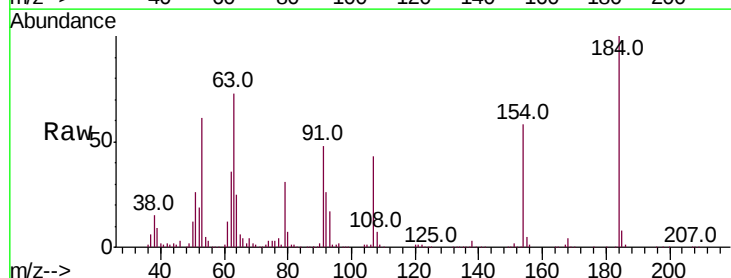


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

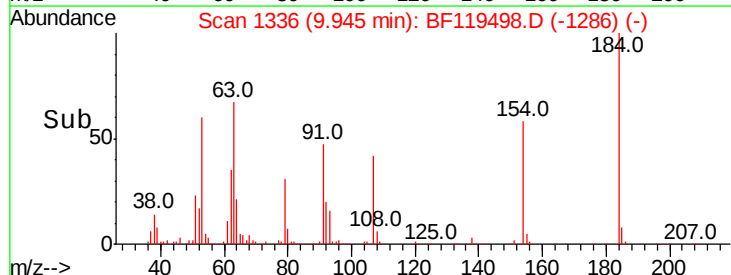
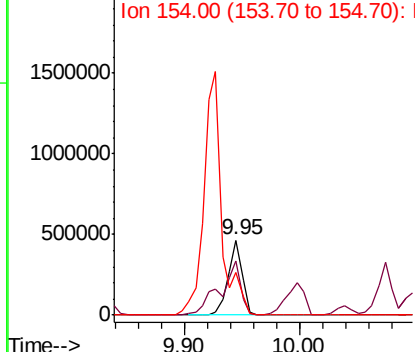


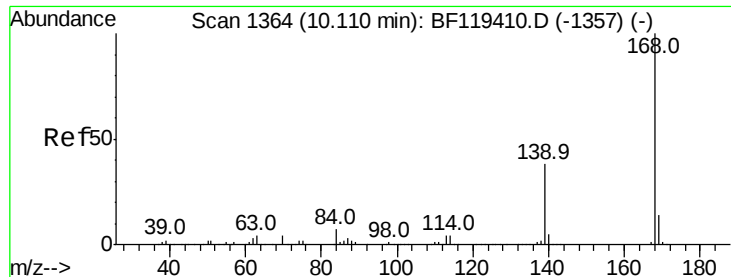
#54
2,4-Dinitrophenol
Concen: 95.514 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:184 Resp: 388360
Ion Ratio Lower Upper
184 100
63 73.2 58.5 87.7
154 57.7 51.8 77.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.472 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

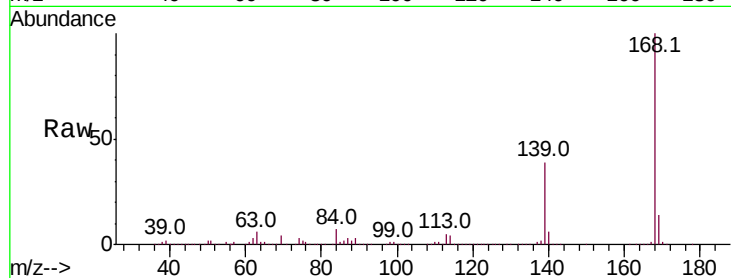
Tot Ion:168 Resp: 2146626

Ion Ratio Lower Upper

168 100

139 39.3 30.2 45.4

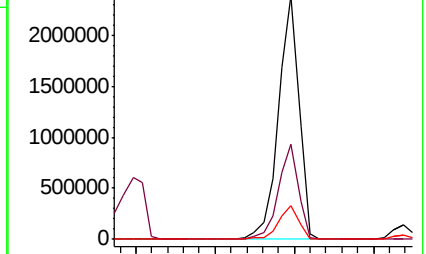
169 14.1 11.1 16.7



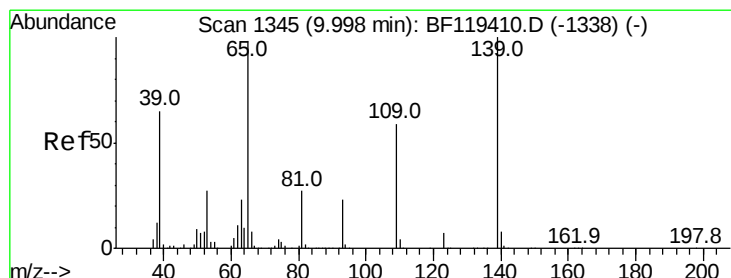
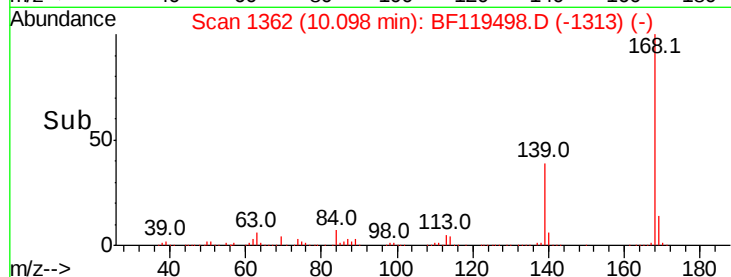
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 78.111 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

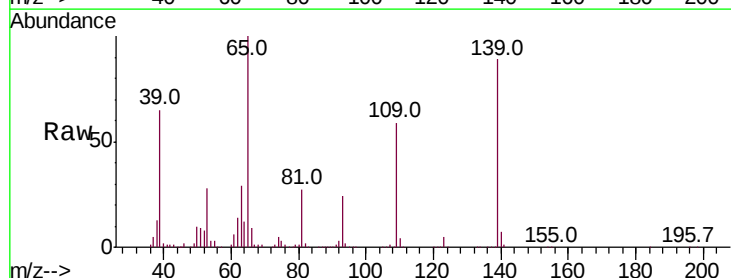
Tgt Ion:139 Resp: 719324

Ion Ratio Lower Upper

139 100

109 66.2 39.6 79.6

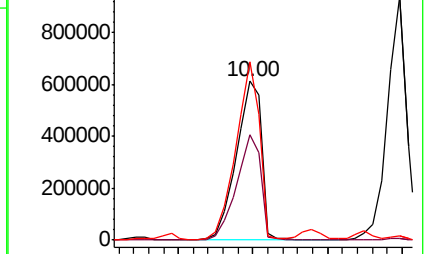
65 112.4 78.3 118.3



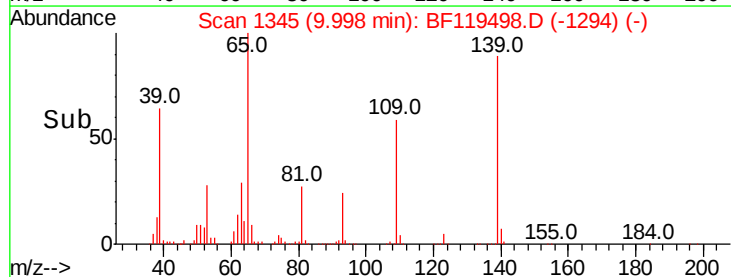
Abundance Ion 139.00 (138.70 to 139.70): E

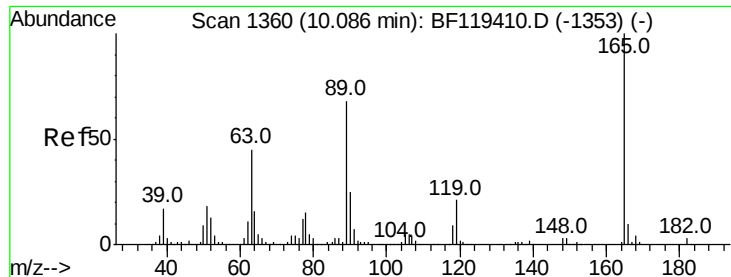
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



Time-->

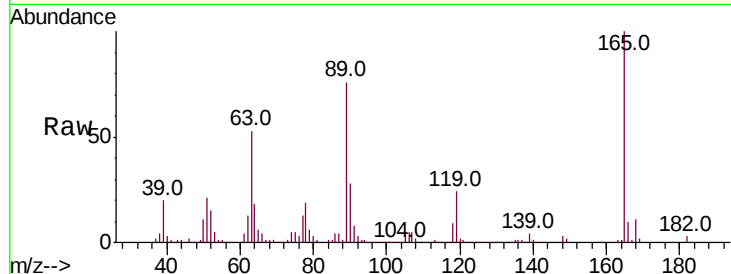




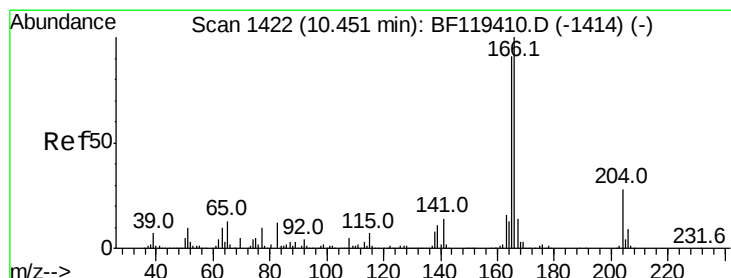
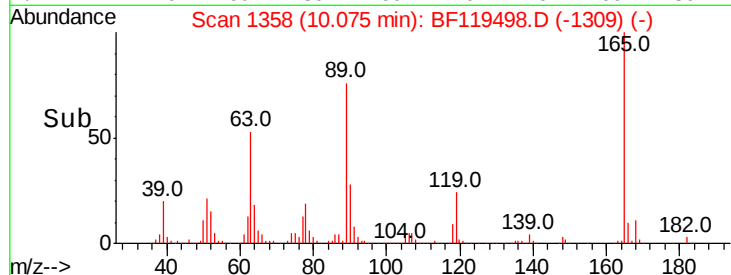
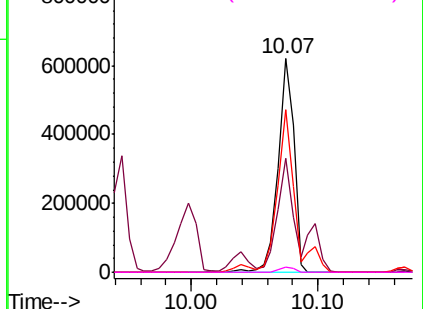
#57
2,4-Dinitrotoluene
Concen: 45.688 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:165 Resp: 532177
Ion Ratio Lower Upper
165 100
63 53.3 36.2 54.4
89 76.2 54.3 81.5
182 2.6 2.0 3.0

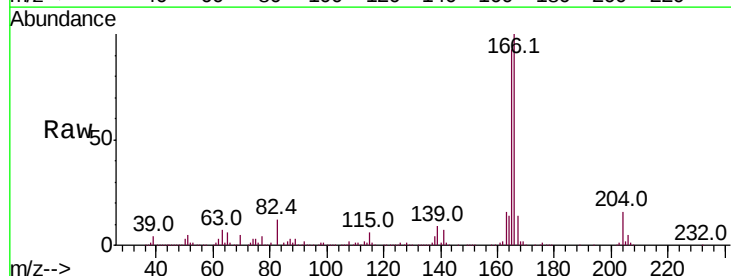


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

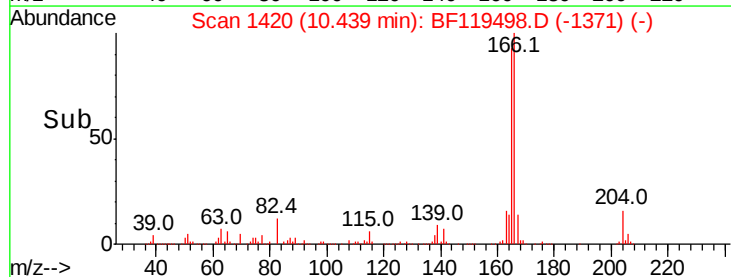
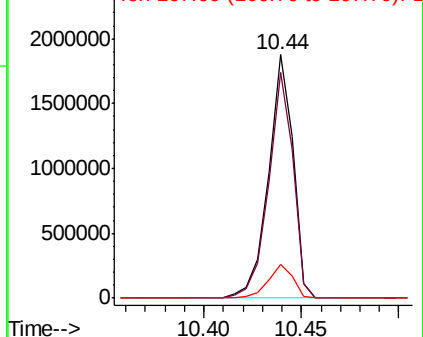


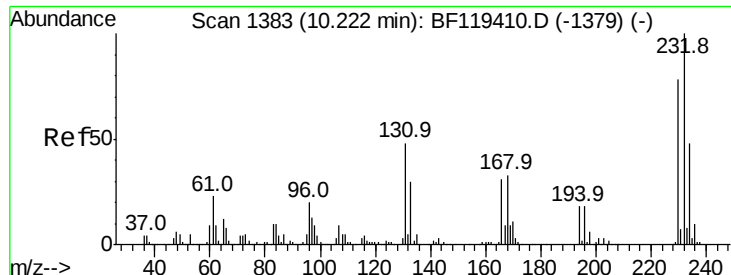
#58
Fluorene
Concen: 40.732 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:166 Resp: 1638101
Ion Ratio Lower Upper
166 100
165 92.9 73.1 109.7
167 14.0 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

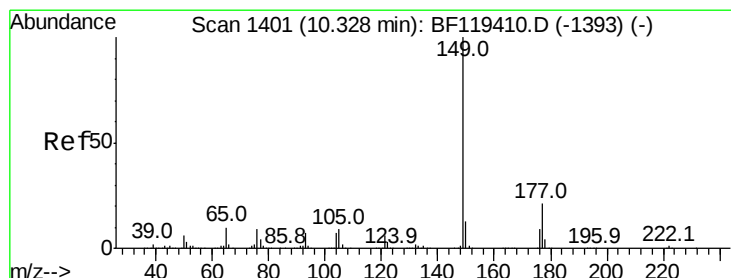
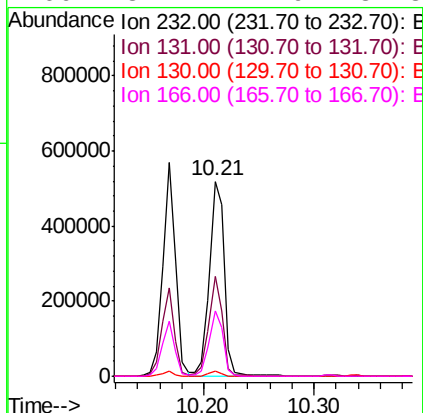
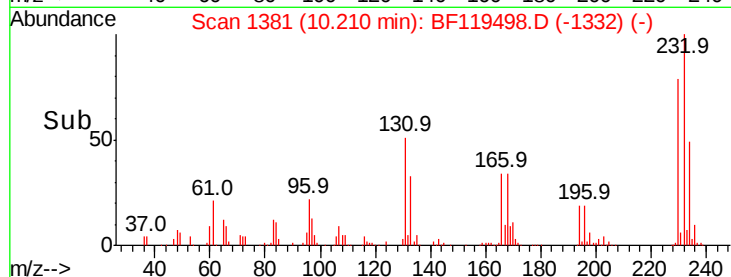
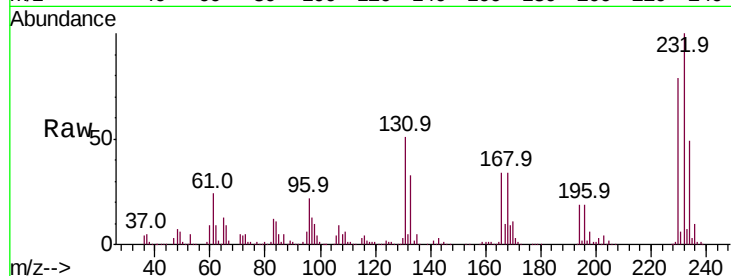




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.890 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

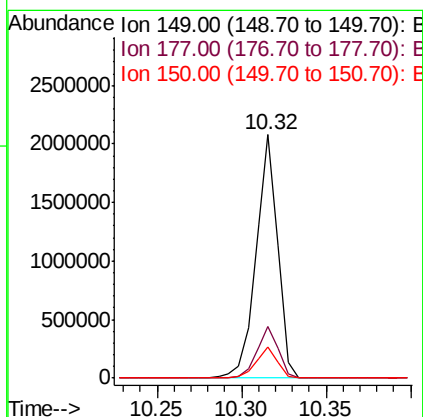
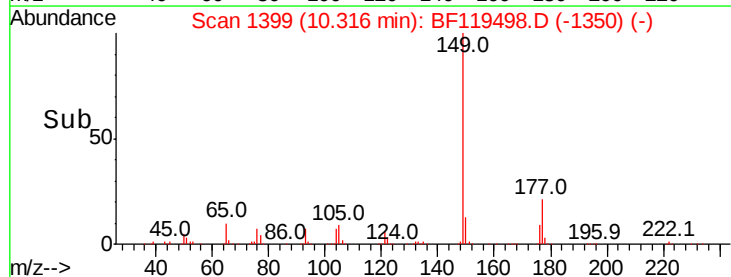
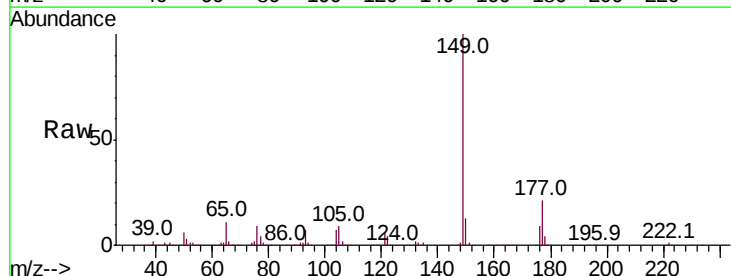
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

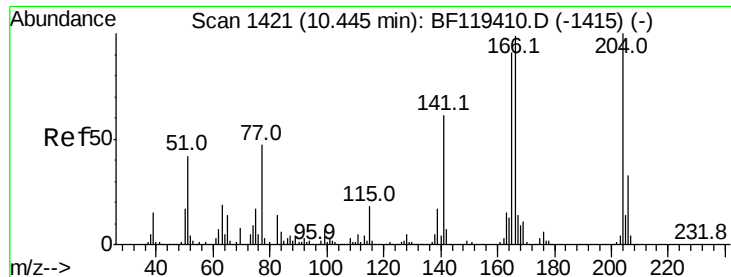
Tot Ion:232 Resp: 468182
 Ion Ratio Lower Upper
 232 100
 131 46.4 36.3 54.5
 130 2.1 1.8 2.6
 166 32.1 24.9 37.3



#60
 Diethylphthalate
 Concen: 42.338 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion:149 Resp: 1853687
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.0 25.6
 150 12.9 10.2 15.4

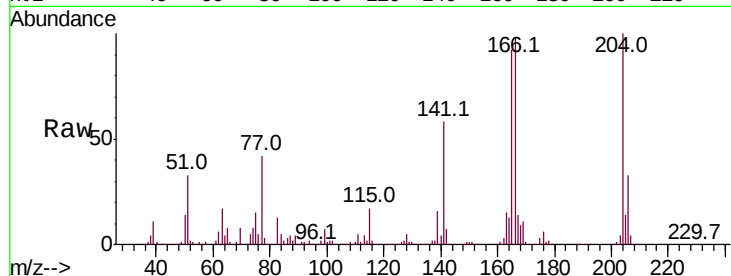




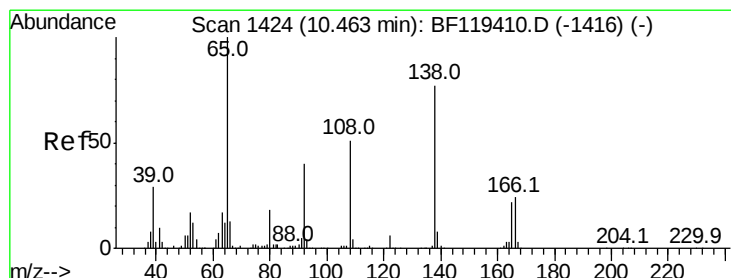
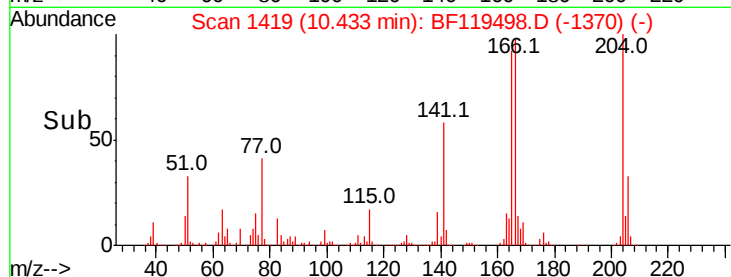
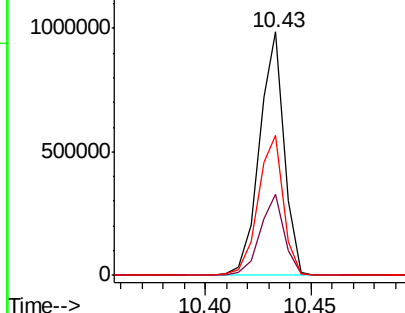
#61
4-Chlorophenyl-phenylether
Concen: 40.765 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:204 Resp: 801710
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 57.7 48.8 73.2

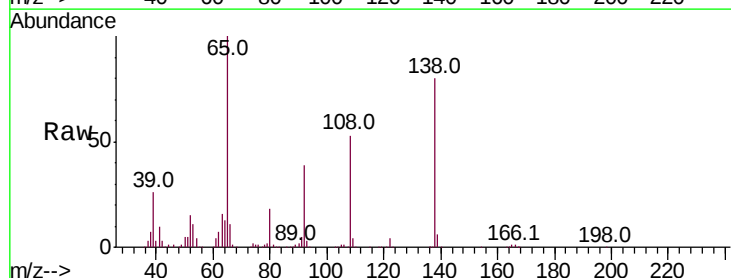


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

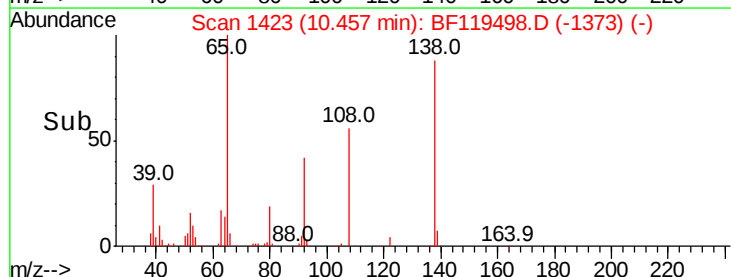
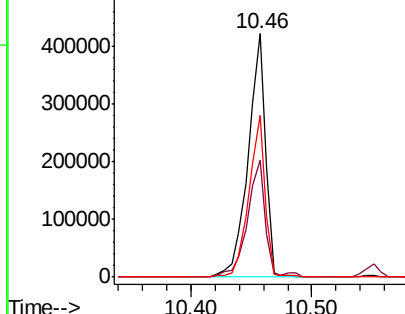


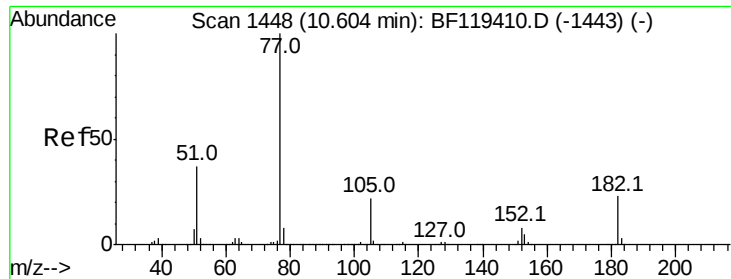
#62
4-Nitroaniline
Concen: 38.125 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:138 Resp: 426778
Ion Ratio Lower Upper
138 100
92 48.1 32.0 72.0
108 66.4 46.0 86.0



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

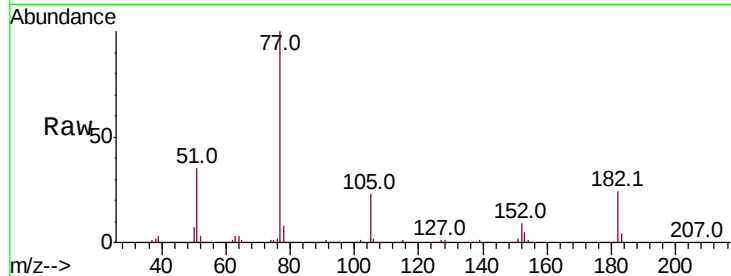




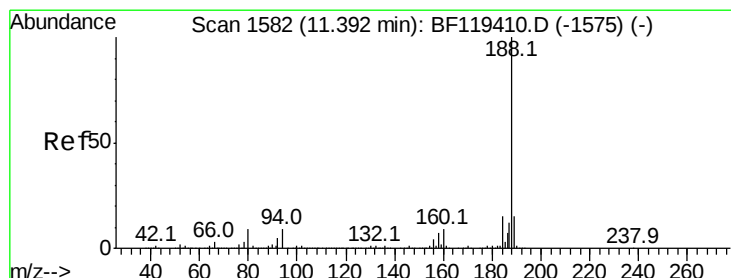
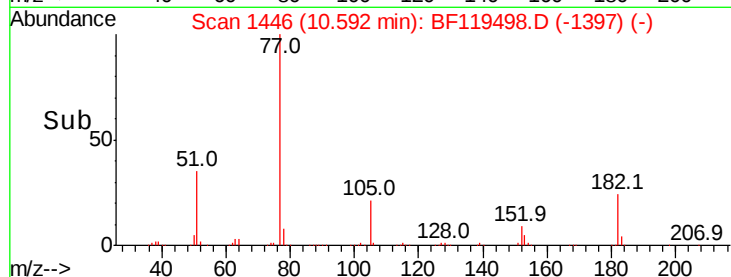
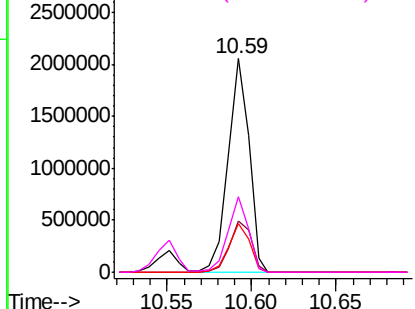
#63
Azobenzene
Concen: 39.910 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion: 77 Resp: 1759659
Ion Ratio Lower Upper
77 100
182 24.2 2.5 42.5
105 23.0 2.5 42.5
51 35.2 17.1 57.1

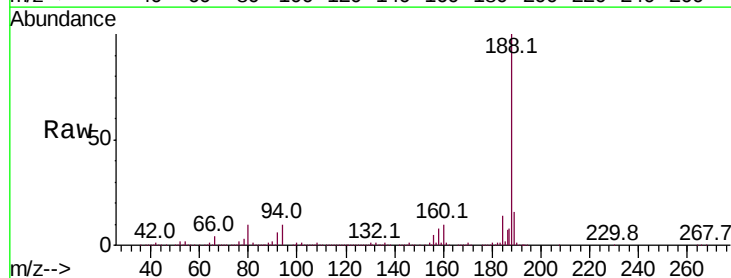


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

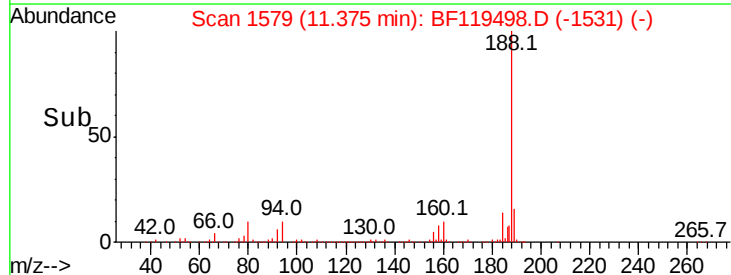
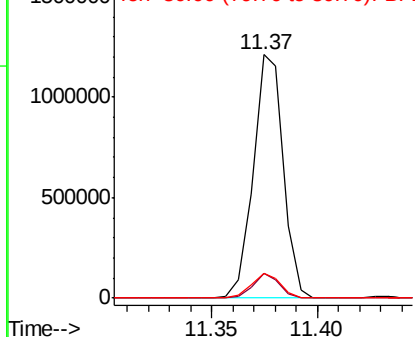


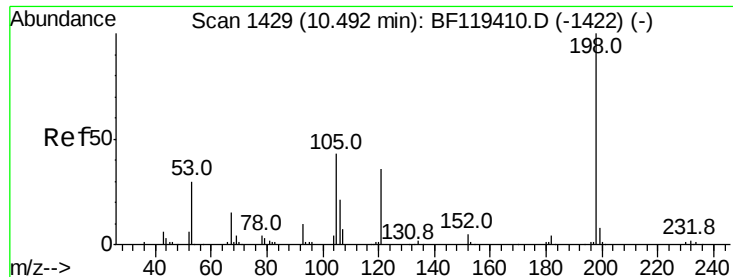
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion: 188 Resp: 1197112
Ion Ratio Lower Upper
188 100
94 10.2 7.1 10.7
80 10.0 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 52.571 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

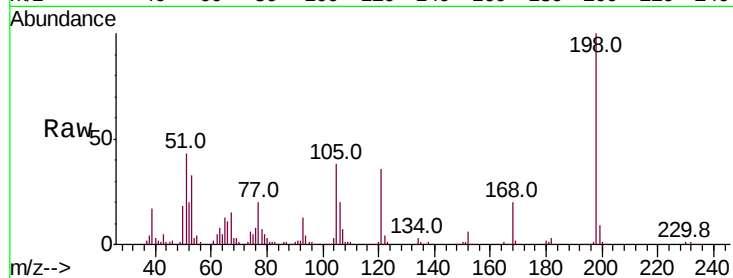
Tot Ion:198 Resp: 263899

Ion Ratio Lower Upper

198 100

51 42.7 33.1 73.1

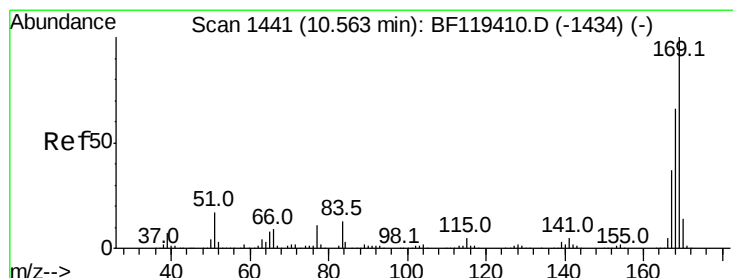
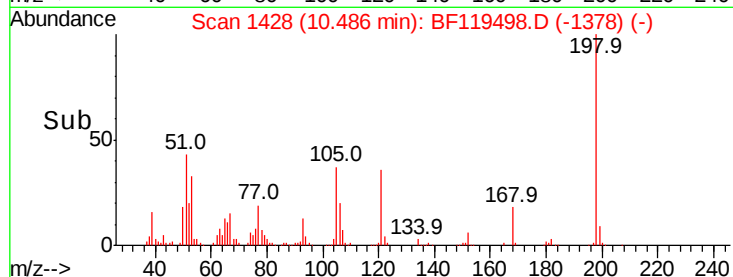
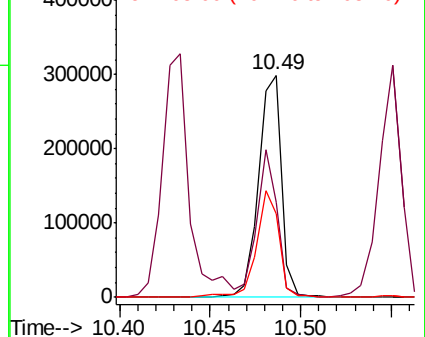
105 37.5 24.1 64.1



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: 38.842 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

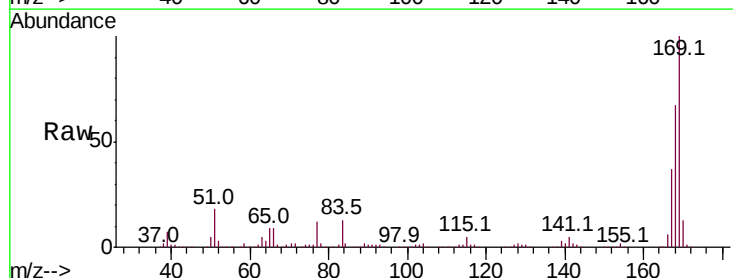
Tgt Ion:169 Resp: 1526453

Ion Ratio Lower Upper

169 100

168 67.1 52.7 79.1

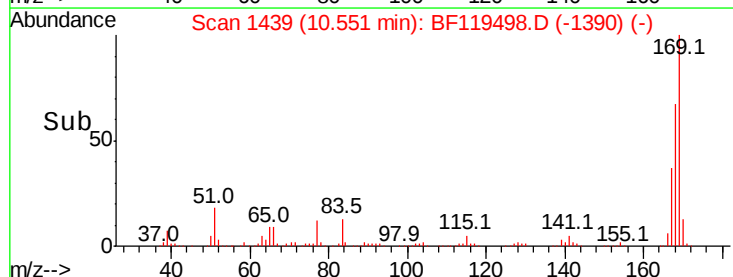
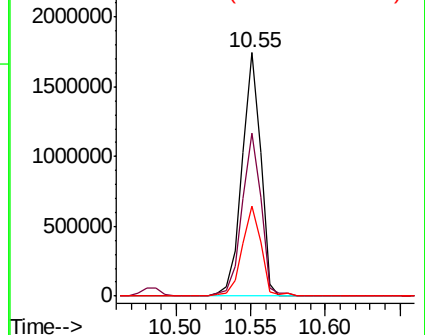
167 37.2 29.3 43.9

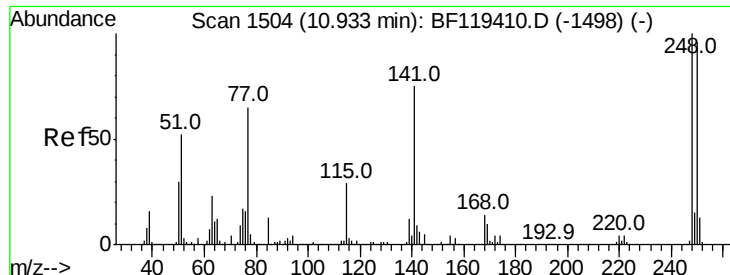


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

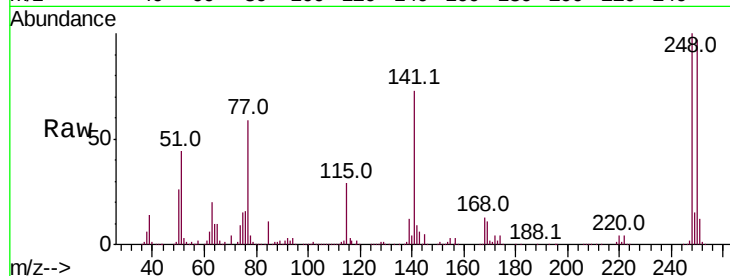




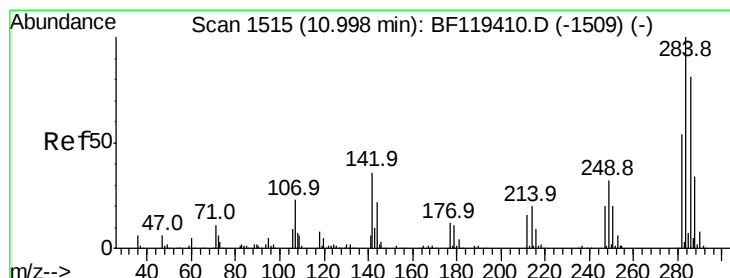
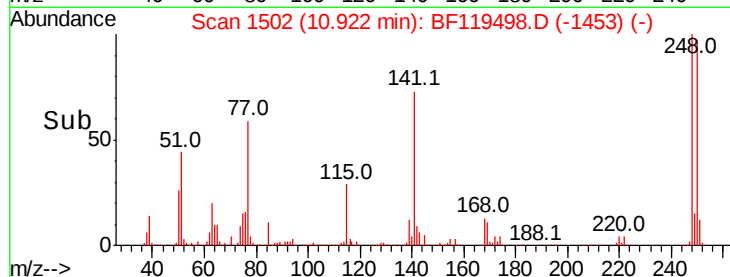
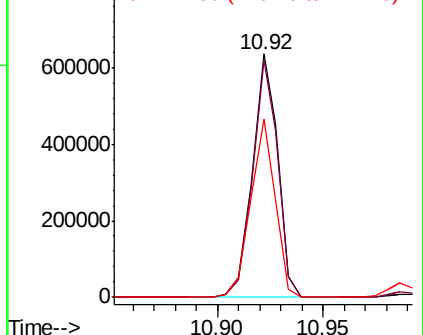
#67
4-Bromophenyl-phenylether
Concen: 39.009 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:248 Resp: 531834
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.6
141 73.3 59.7 89.5

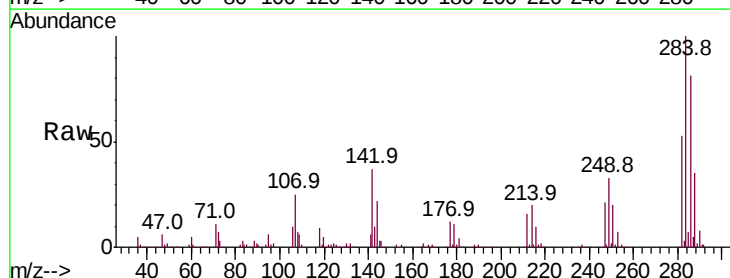


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

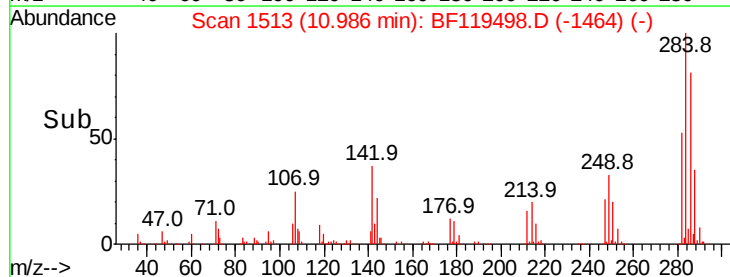
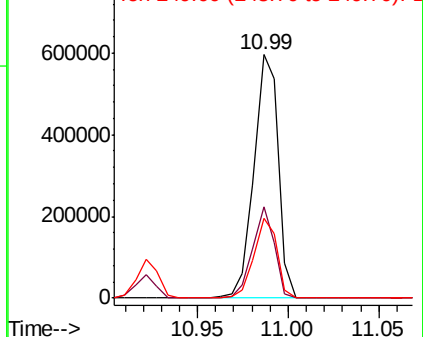


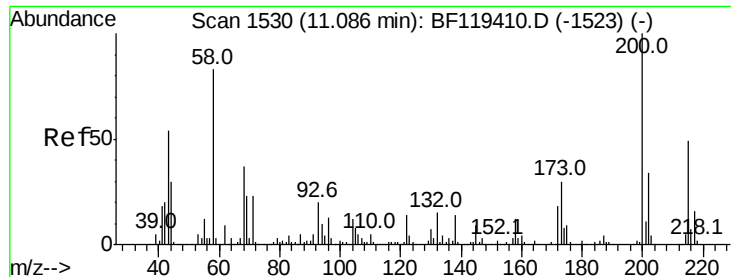
#68
Hexachlorobenzene
Concen: 39.842 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:284 Resp: 555943
Ion Ratio Lower Upper
284 100
142 37.3 28.7 43.1
249 32.6 25.4 38.0



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

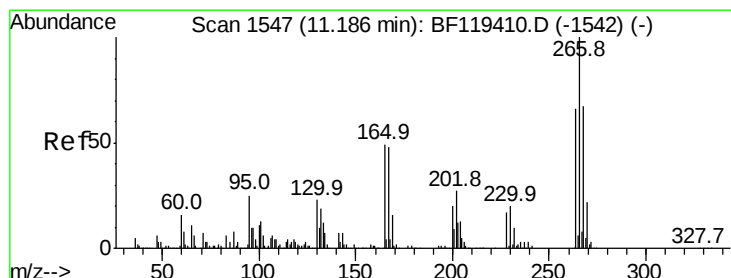
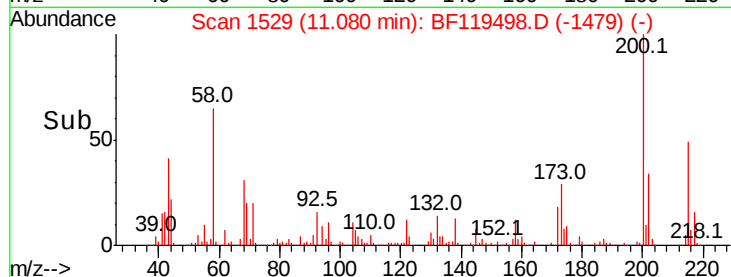
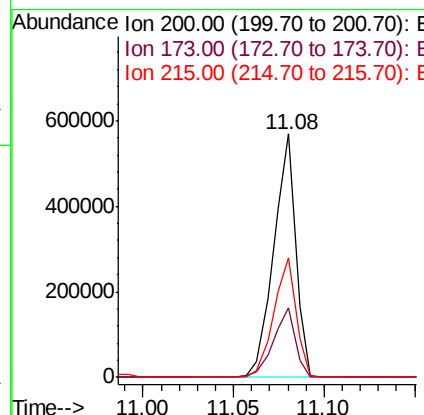
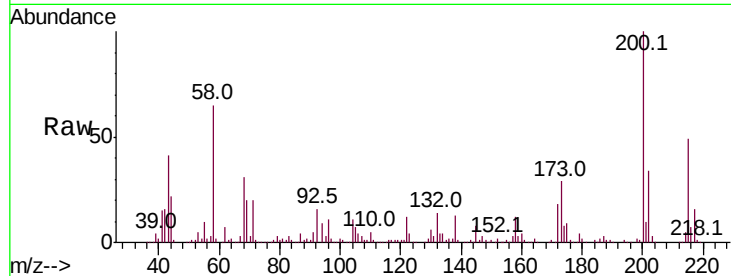




#69
 Atrazine
 Concen: 44.751 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

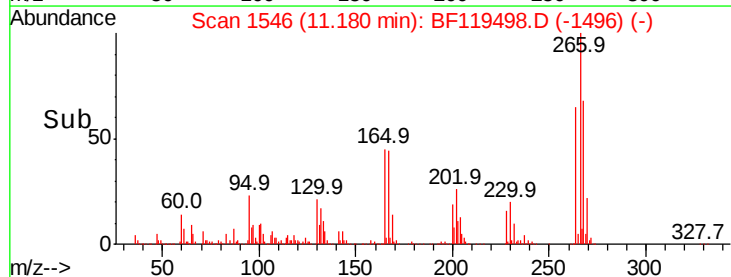
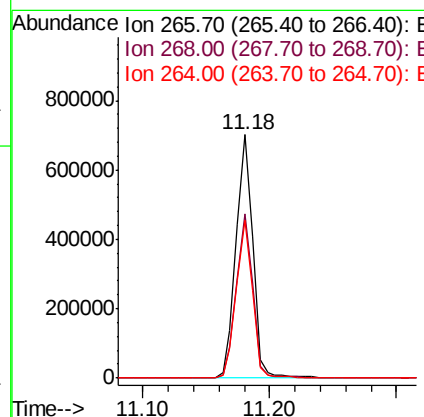
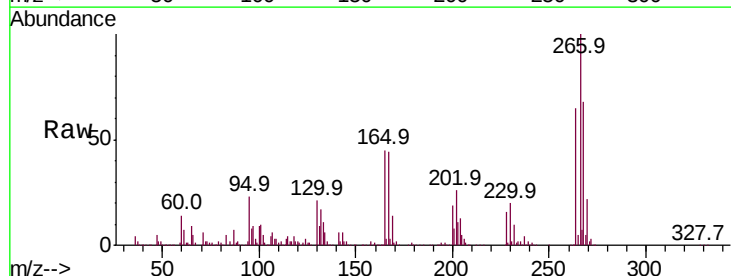
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

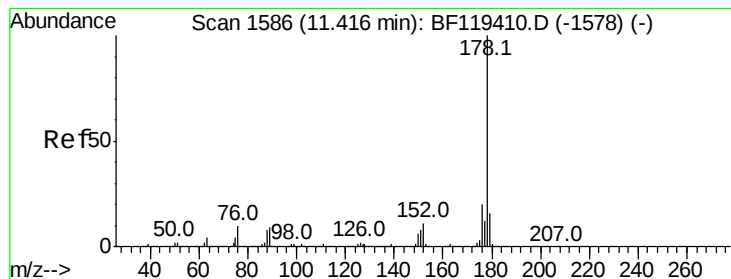
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	9.9	49.9
215	49.2	29.4	69.4



#70
 Pentachlorophenol
 Concen: 78.544 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.7	80.5
264	64.6	52.5	78.7





#71

Phenanthrene

Concen: 38.383 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

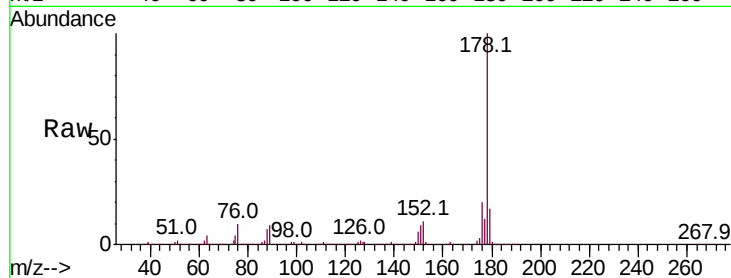
Tot Ion:178 Resp: 2382540

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

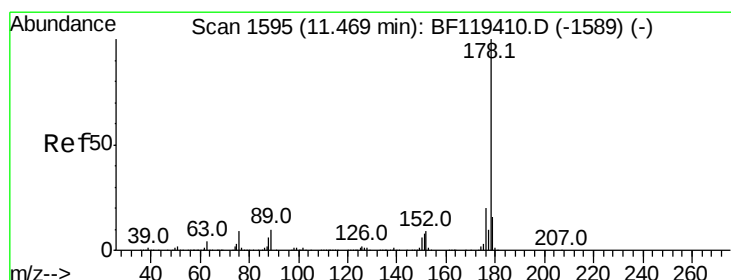
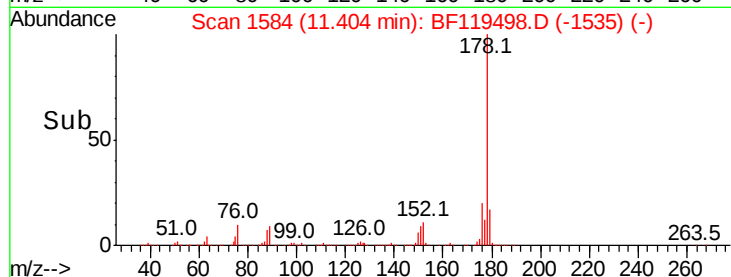
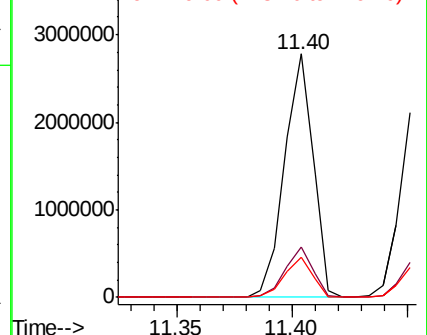
179 16.6 12.9 19.3



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: 38.912 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

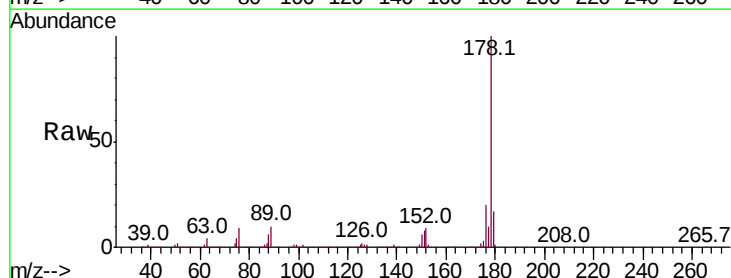
Tgt Ion:178 Resp: 2454864

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

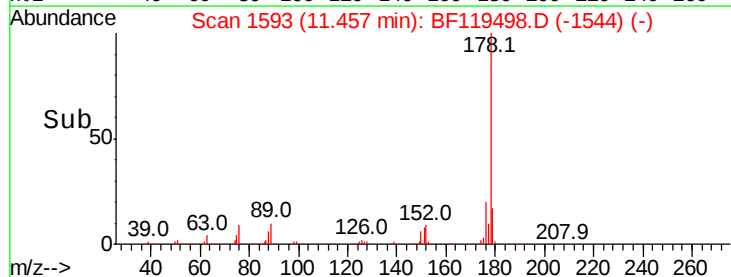
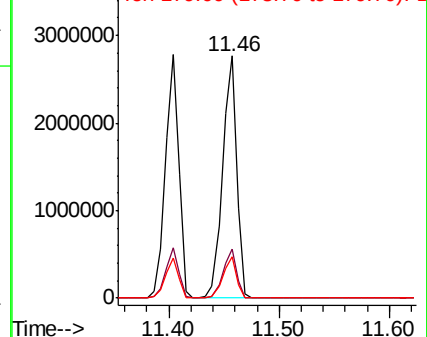
179 16.9 13.1 19.7

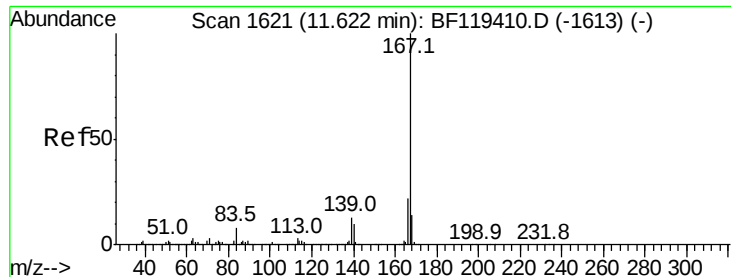


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



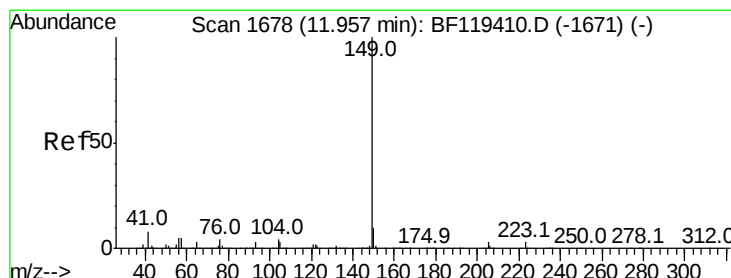
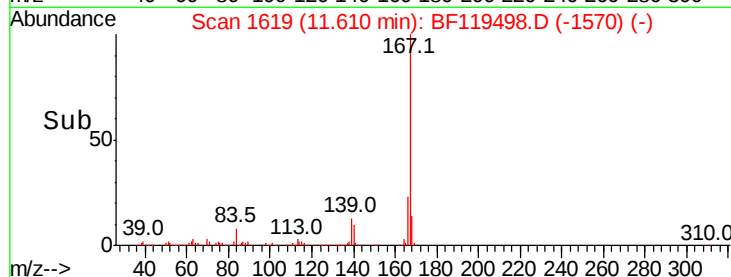
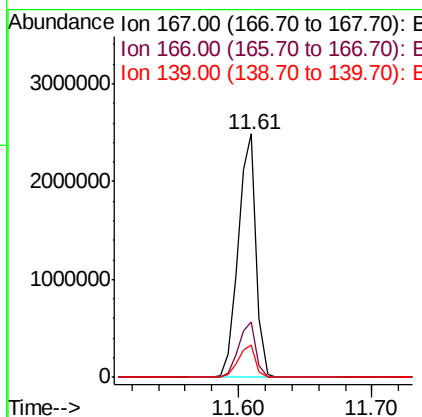
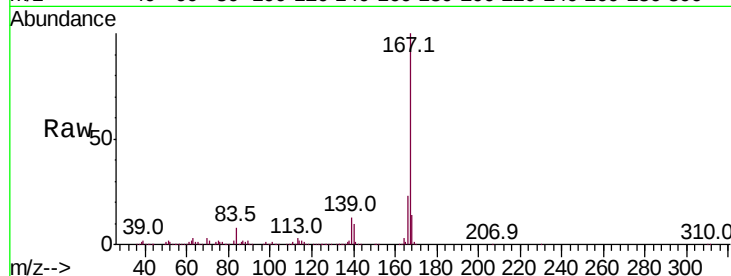


#73
 Carbazole
 Concen: 37.109 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BS

Tot Ion:167 Resp: 2317243

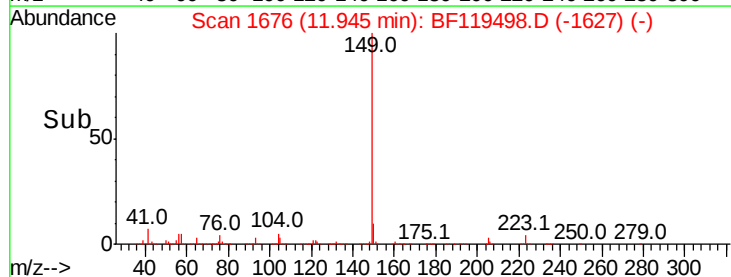
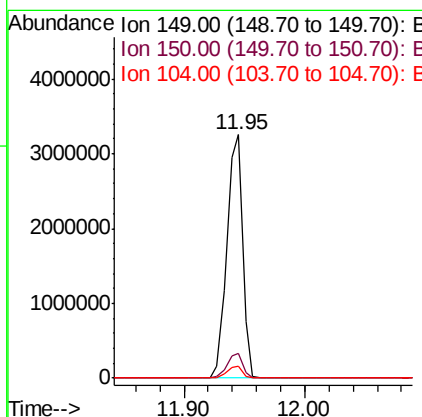
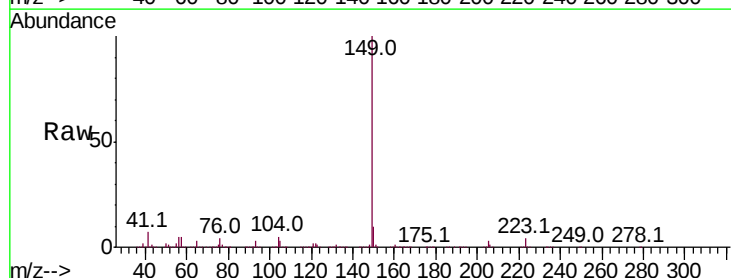
Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.8	26.6
139	13.3	10.2	15.4

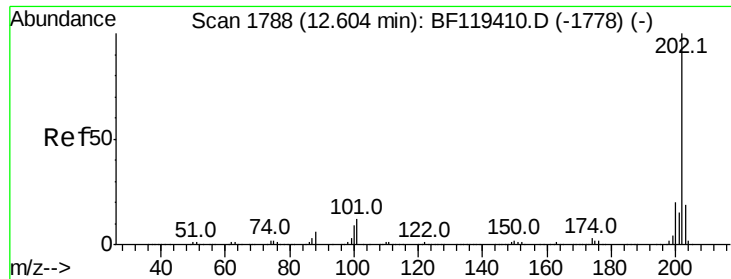


#74
 Di-n-butylphthalate
 Concen: 44.013 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119498.D
 Acq: 24 Mar 2020 21:24

Tgt Ion:149 Resp: 2940042

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	4.7	3.5	5.3

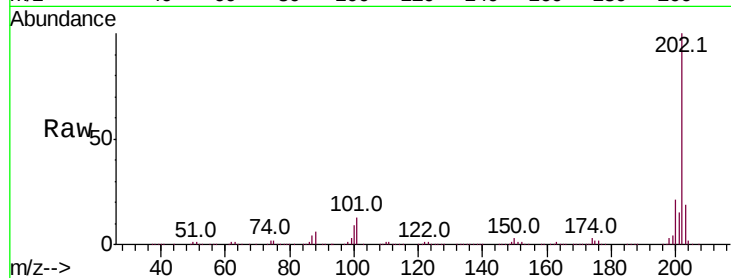




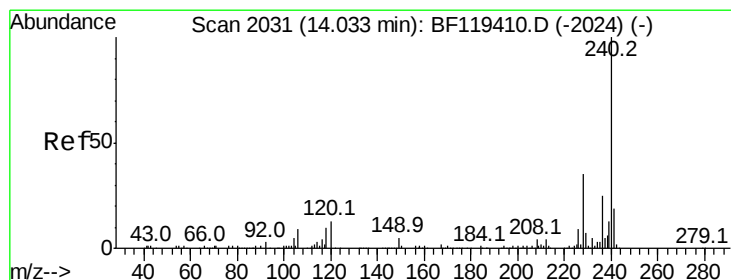
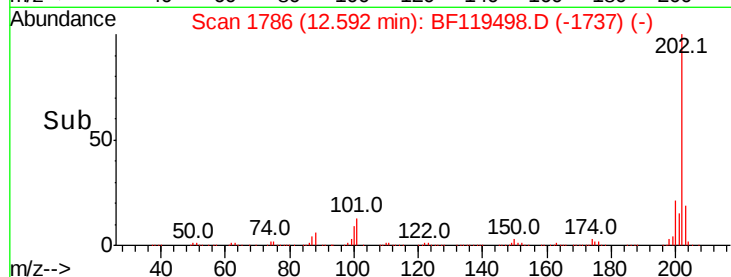
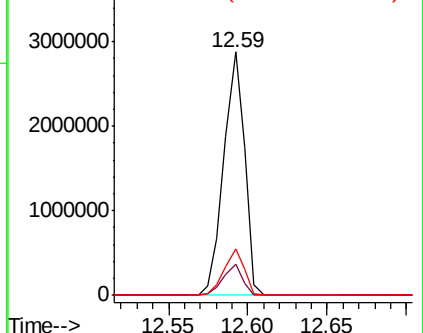
#75
Fluoranthene
Concen: 38.959 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Tot Ion:202 Resp: 2617227
Ion Ratio Lower Upper
202 100
101 12.6 0.0 32.4
203 19.0 0.0 38.5

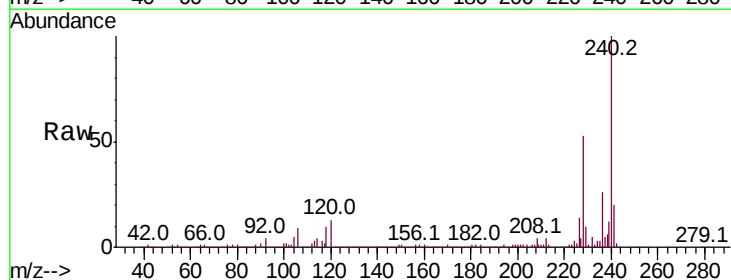


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

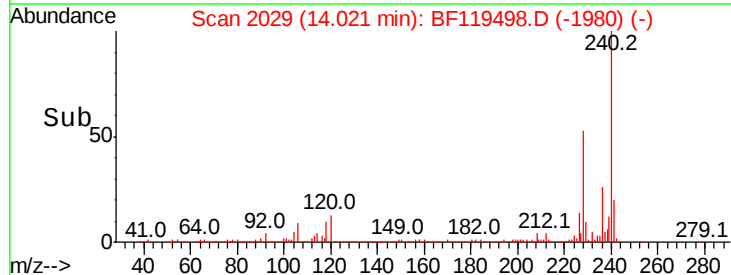
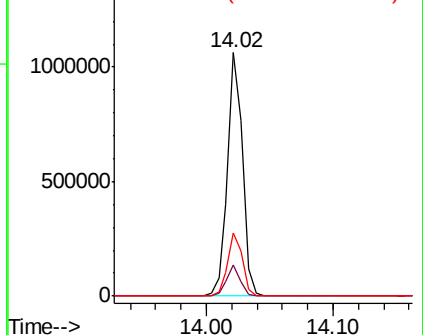


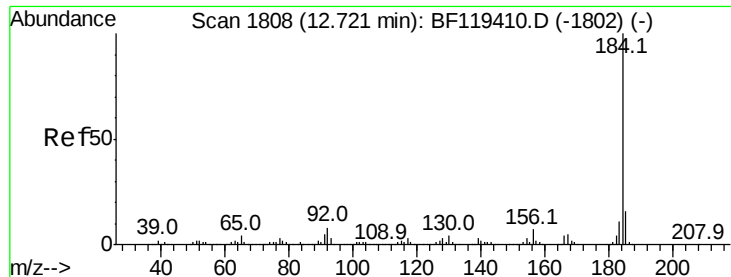
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:240 Resp: 868320
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 25.8 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: 37.826 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

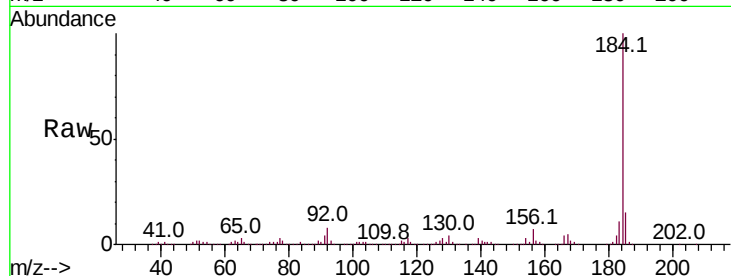
Tot Ion:184 Resp: 1390015

Ion Ratio Lower Upper

184 100

185 14.9 12.9 19.3

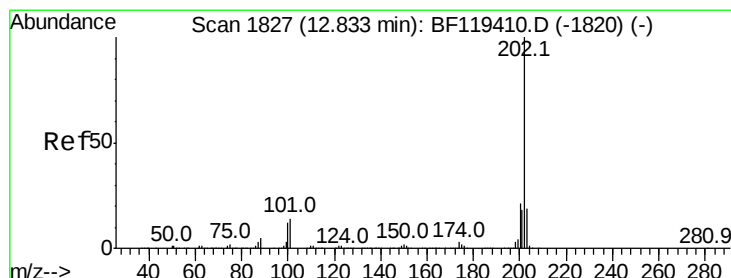
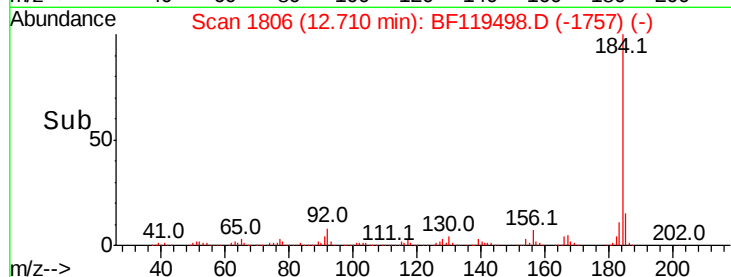
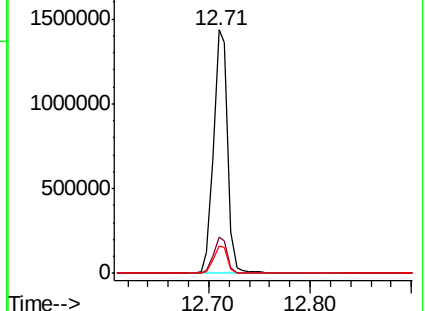
183 11.4 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.502 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

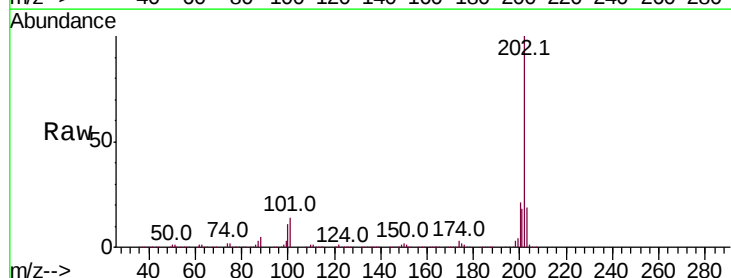
Tgt Ion:202 Resp: 2672472

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

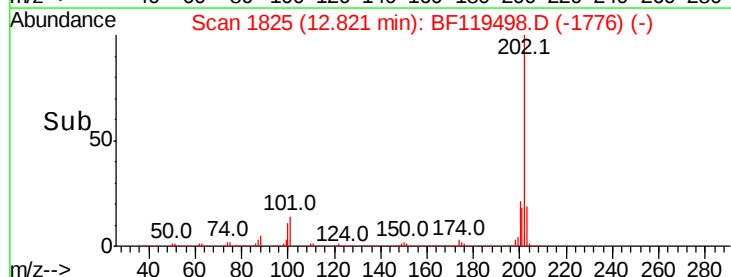
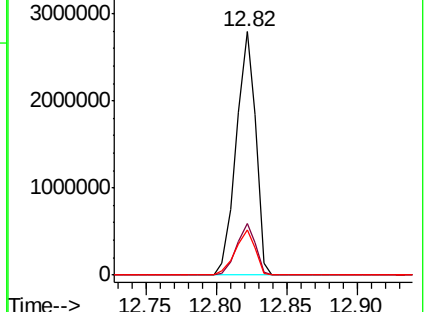
203 18.8 14.8 22.2

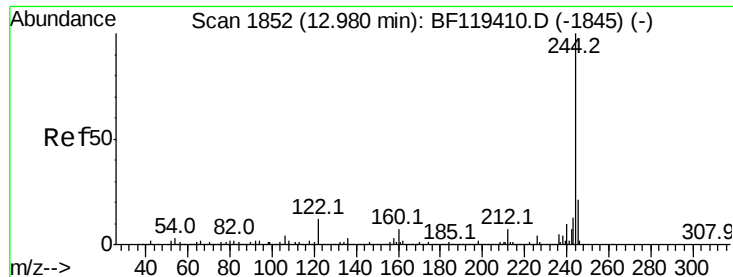


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.951 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

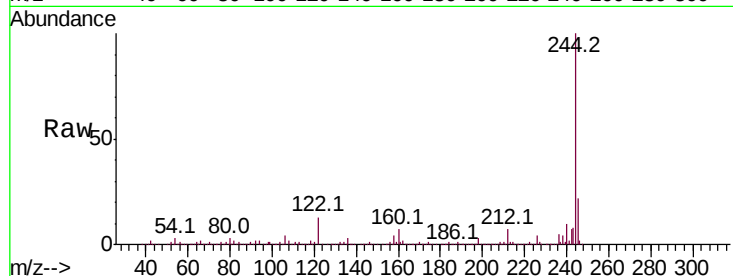
Tot Ion:244 Resp: 3632056

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

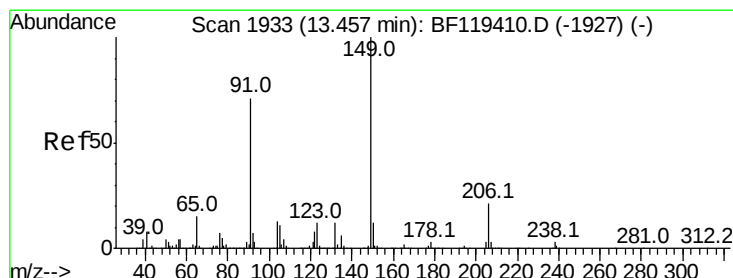
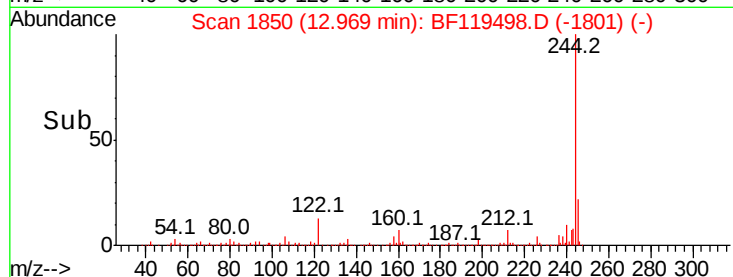
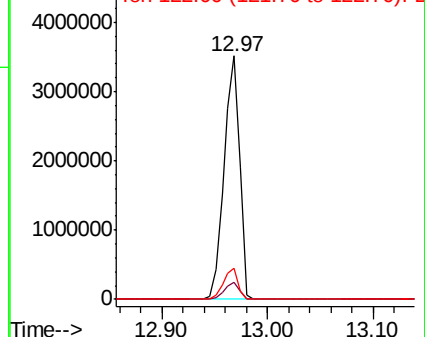
122 13.0 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.634 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

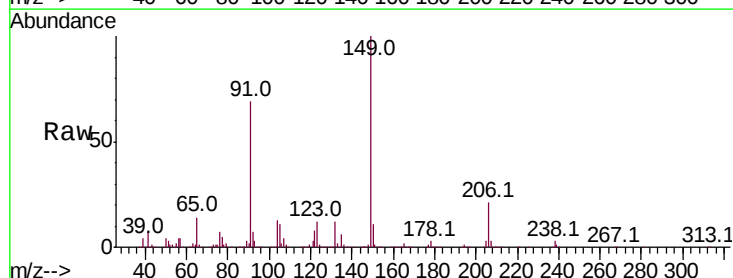
Tgt Ion:149 Resp: 1315278

Ion Ratio Lower Upper

149 100

91 68.7 57.0 85.6

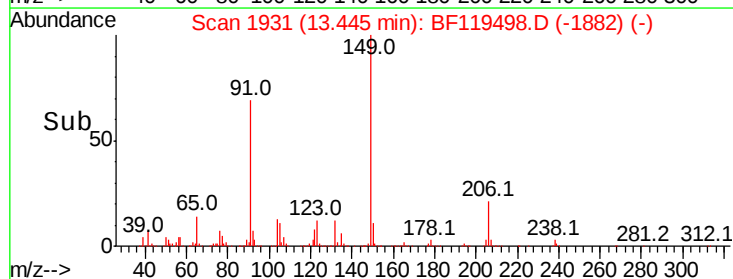
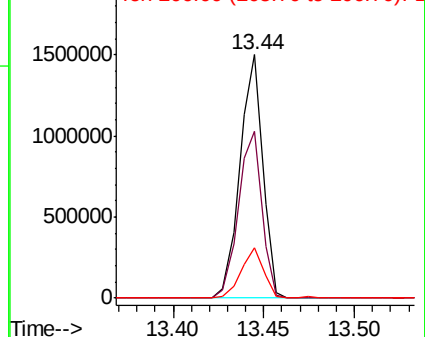
206 20.8 16.4 24.6

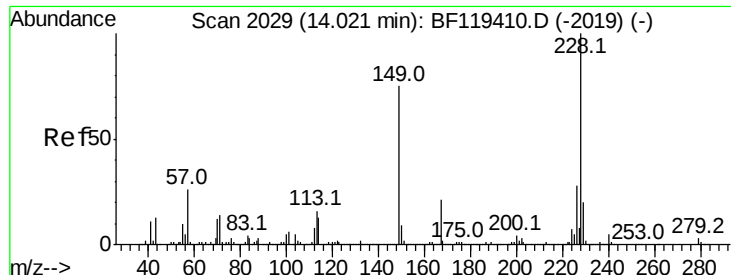


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

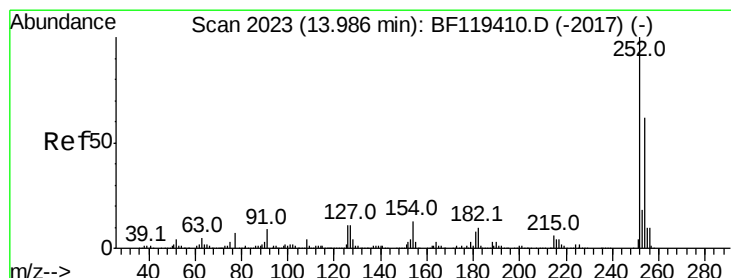
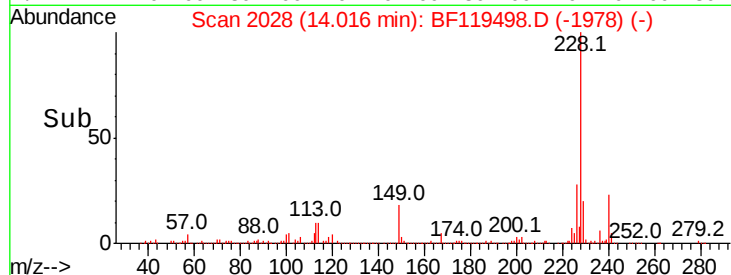
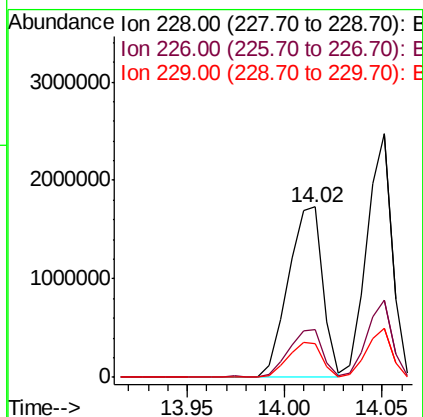
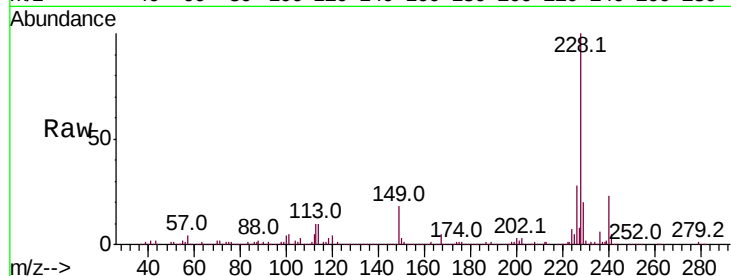




#81
Benzo(a)anthracene
Concen: 37.229 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

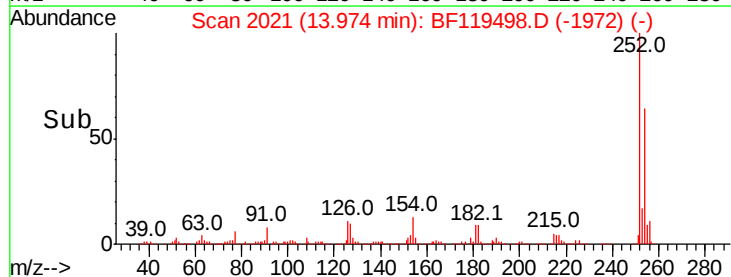
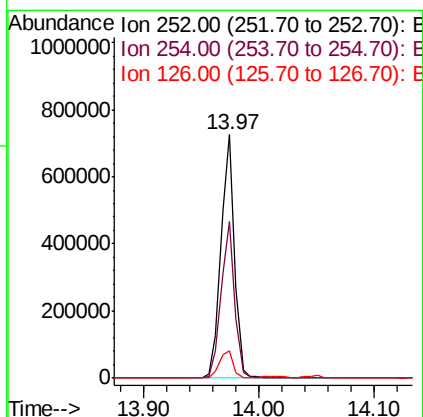
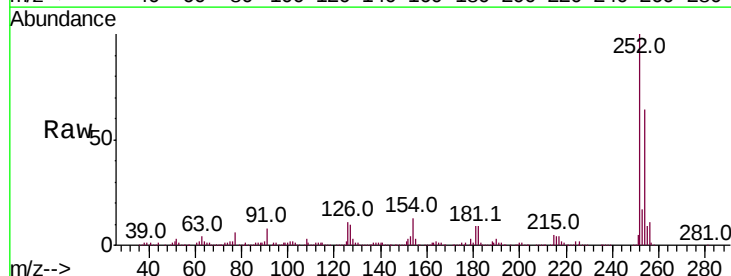
Instrument :
BNA_F
ClientSampleId :
PB127762BS

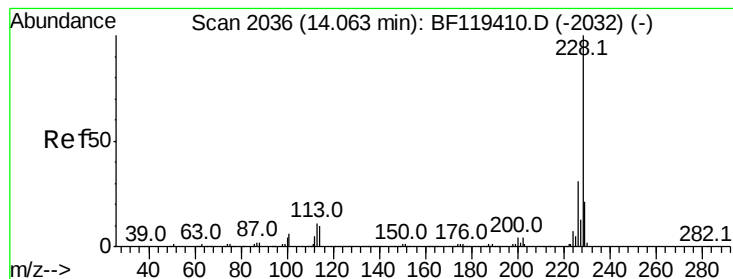
Tot Ion:228 Resp: 2102134
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 26.604 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:252 Resp: 592301
Ion Ratio Lower Upper
252 100
254 64.4 49.8 74.8
126 11.1 8.9 13.3





#83

Chrysene

Concen: 37.862 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

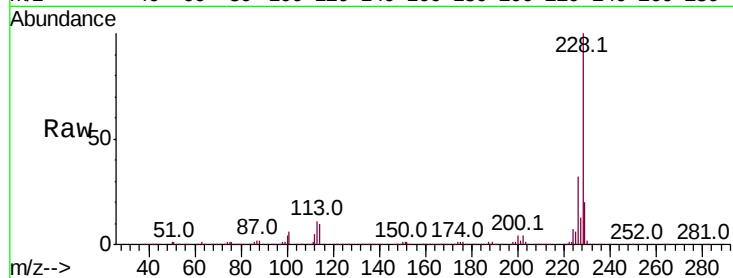
Tot Ion:228 Resp: 2206396

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

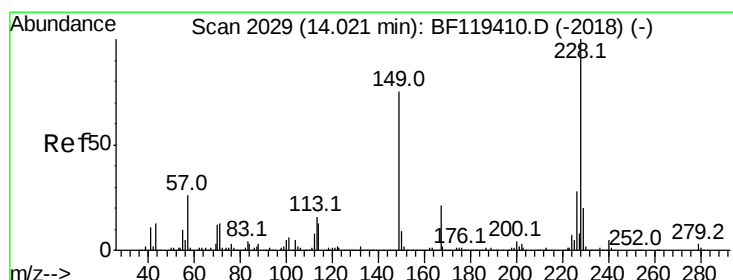
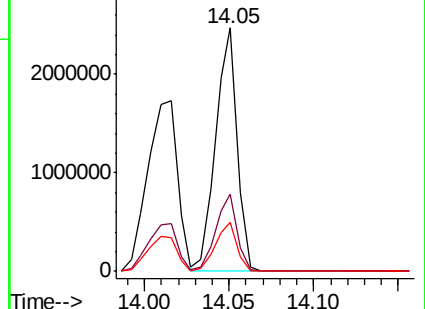
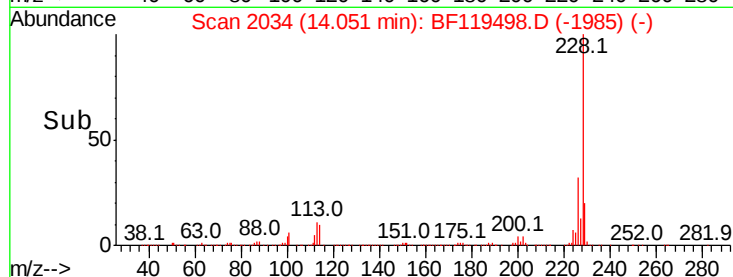
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.119 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

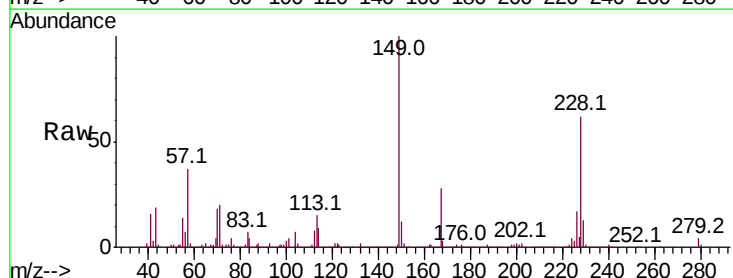
Tgt Ion:149 Resp: 1756381

Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

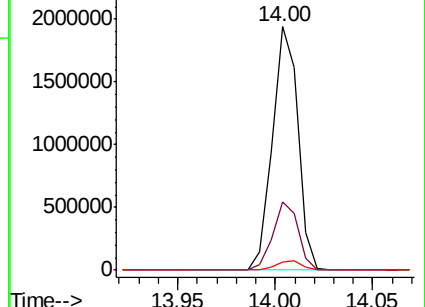
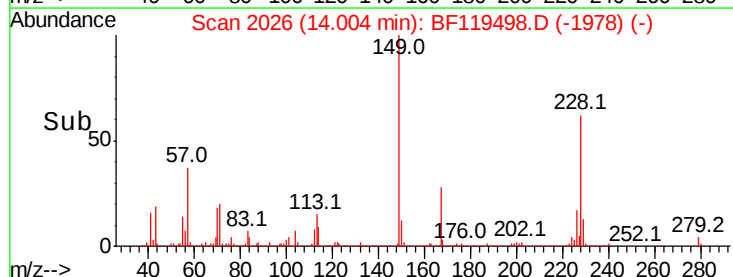
279 3.6 3.2 4.8

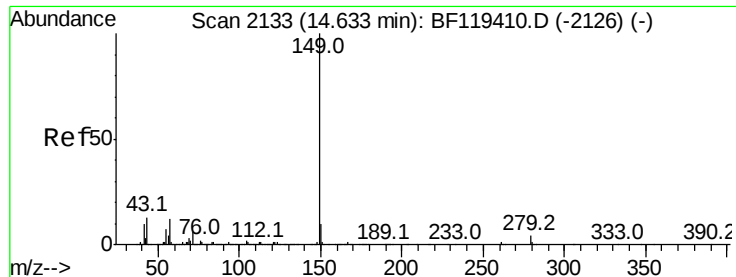


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

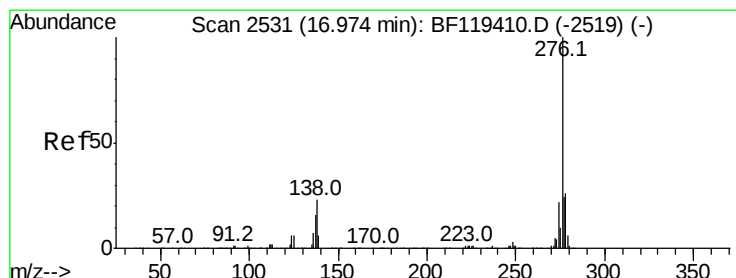
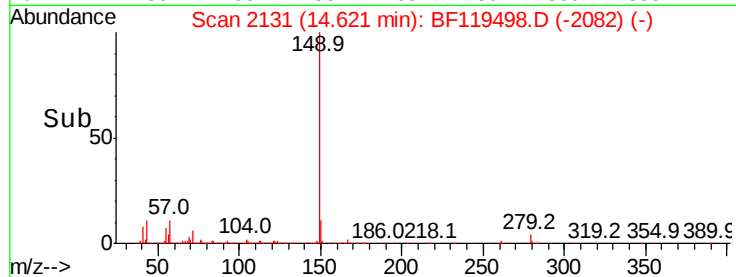
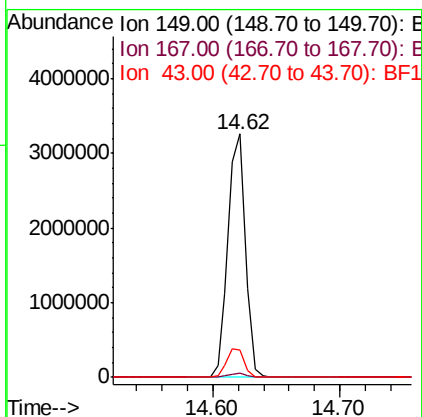
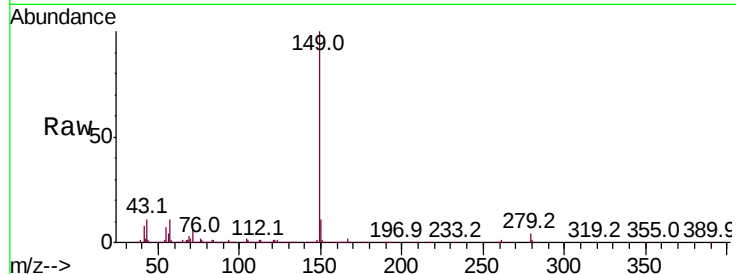




#85
Di-n-octyl phthalate
Concen: 51.250 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

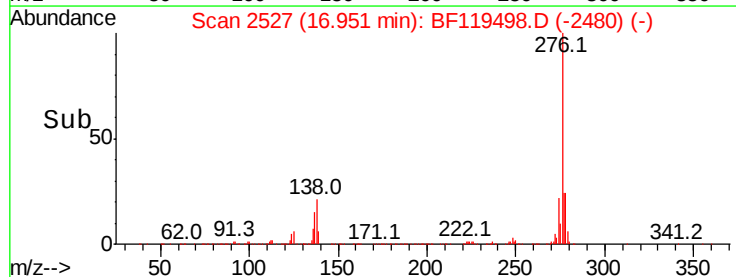
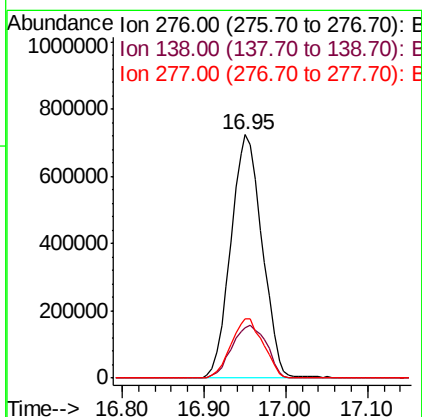
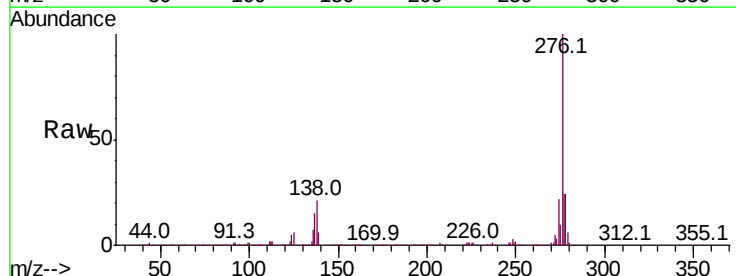
Instrument :
BNA_F
ClientSampleId :
PB127762BS

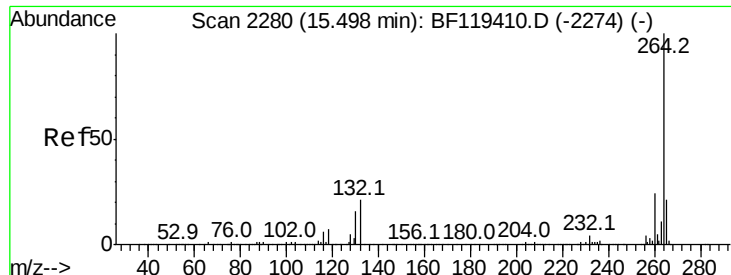
Tot Ion:149 Resp: 3096871
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.8 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.217 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:276 Resp: 1932803
Ion Ratio Lower Upper
276 100
138 24.5 21.3 31.9
277 25.2 20.2 30.2

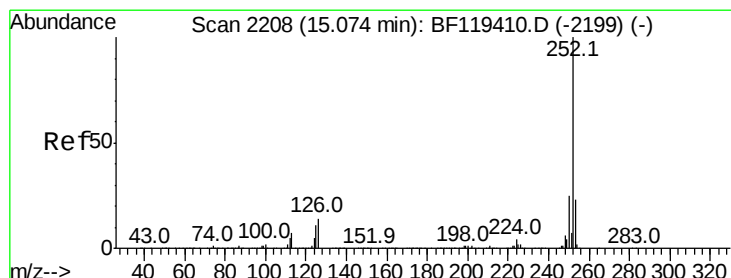
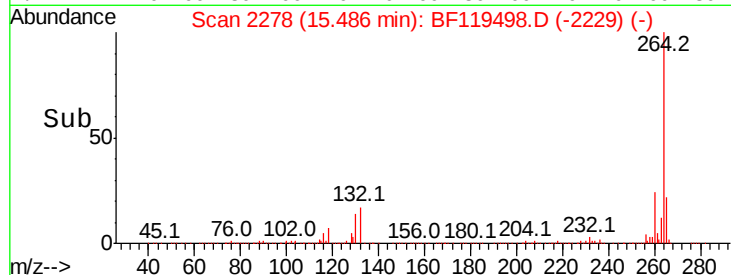
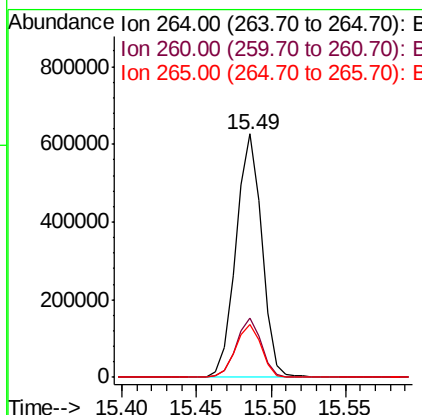
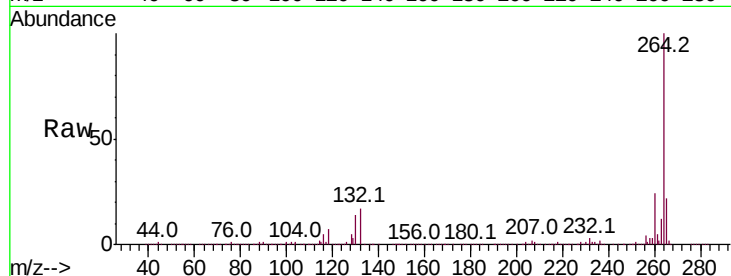




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

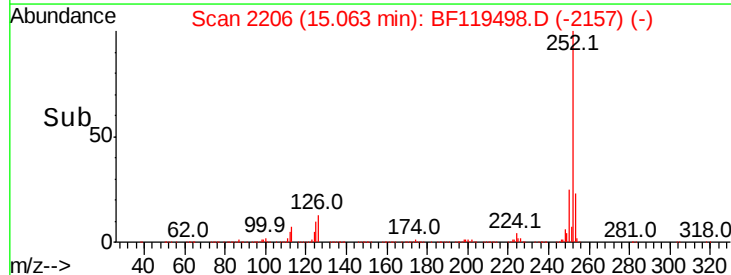
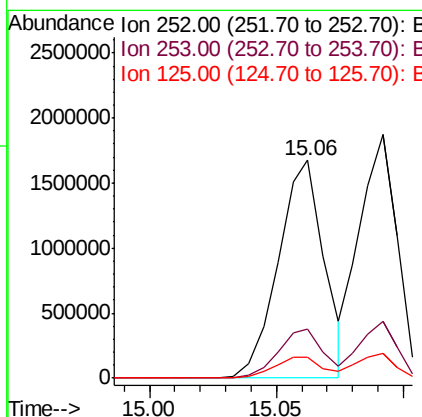
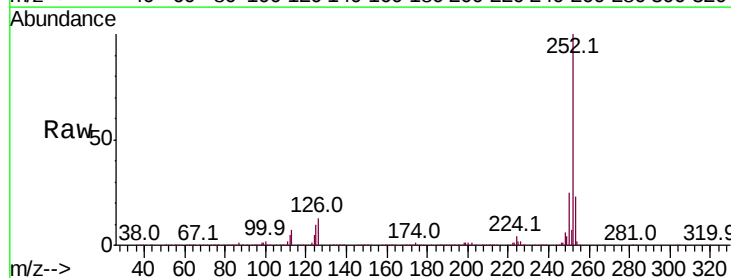
Instrument :
BNA_F
ClientSampleId :
PB127762BS

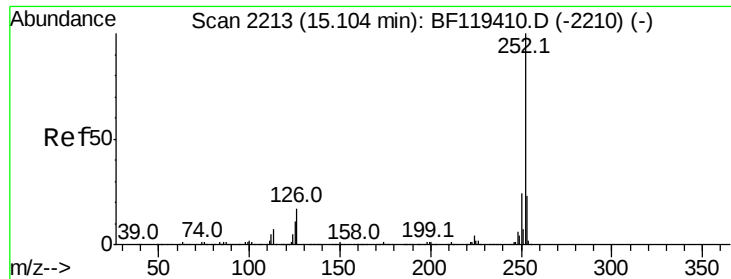
Tot Ion:264 Resp: 757588
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 41.680 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:252 Resp: 2109305
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.8 8.8 13.2

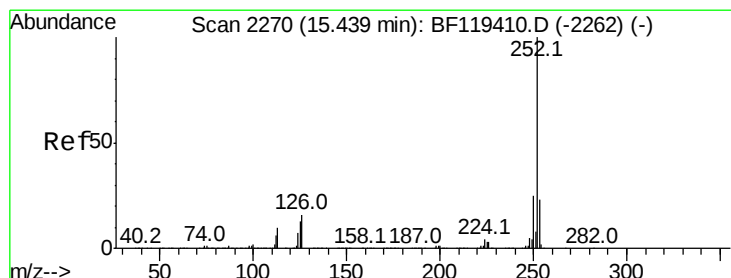
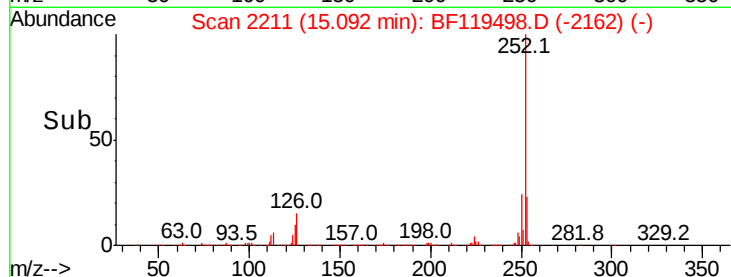
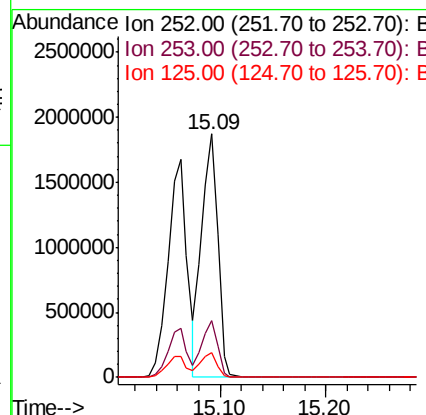
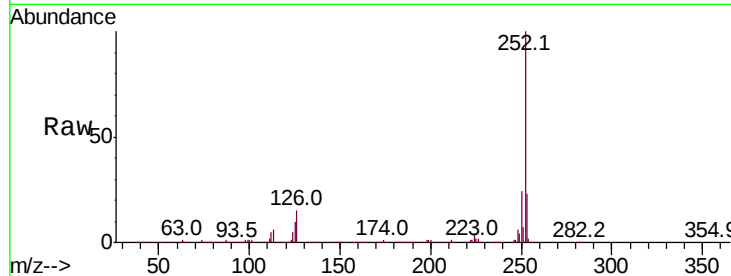




#89
Benzo(k)fluoranthene
Concen: 40.634 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

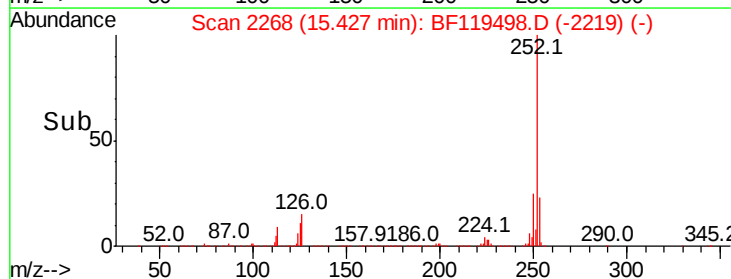
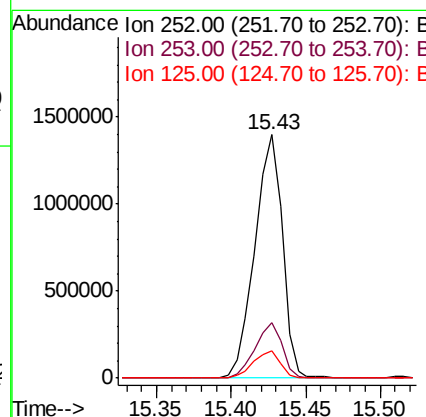
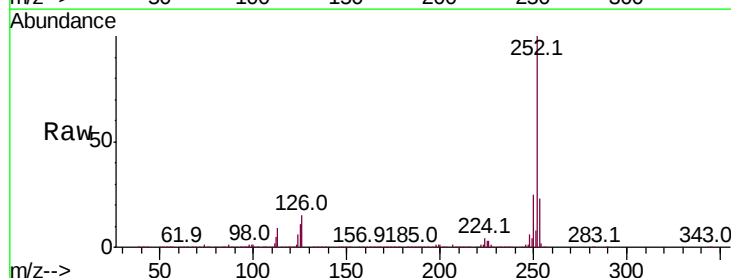
Instrument :
BNA_F
ClientSampleId :
PB127762BS

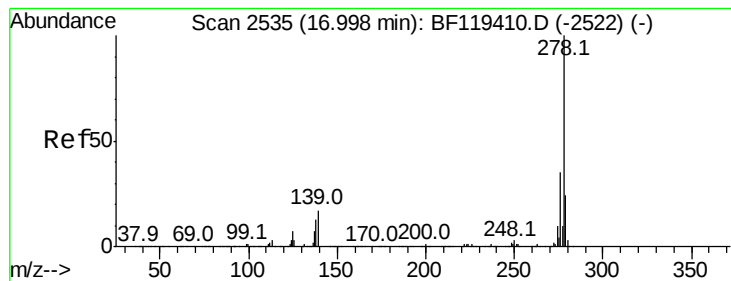
Tot Ion:252 Resp: 1958048
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 10.1 9.0 13.4



#90
Benzo(a)pyrene
Concen: 38.729 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119498.D
Acq: 24 Mar 2020 21:24

Tgt Ion:252 Resp: 1781165
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 11.3 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 40.225 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

Instrument :

BNA_F

ClientSampleId :

PB127762BS

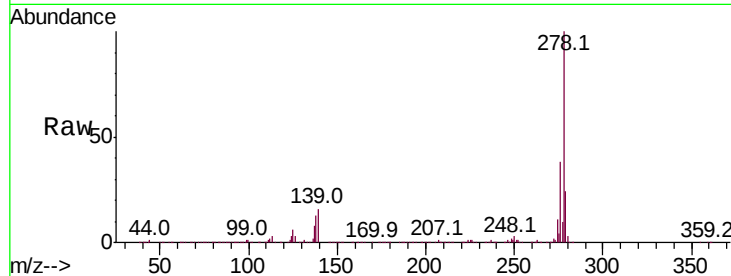
Tot Ion:278 Resp: 1618097

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	24.2	19.2	28.8

278 100

139 16.2 13.7 20.5

279 24.2 19.2 28.8

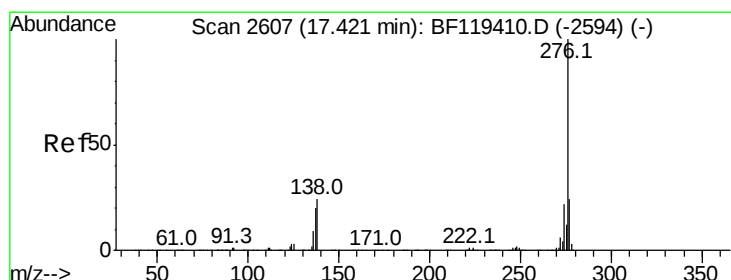
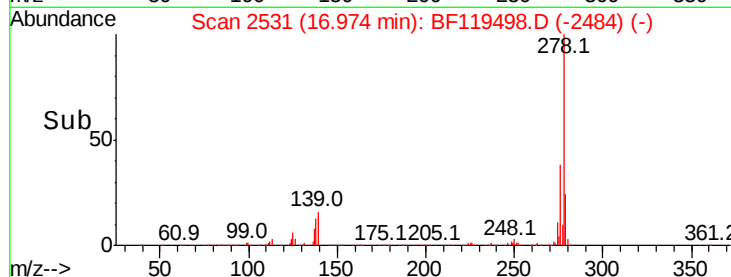
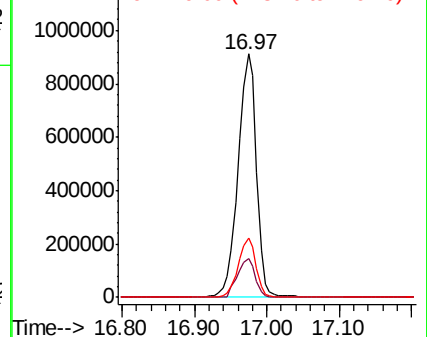


Abundance

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: 39.731 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF119498.D

Acq: 24 Mar 2020 21:24

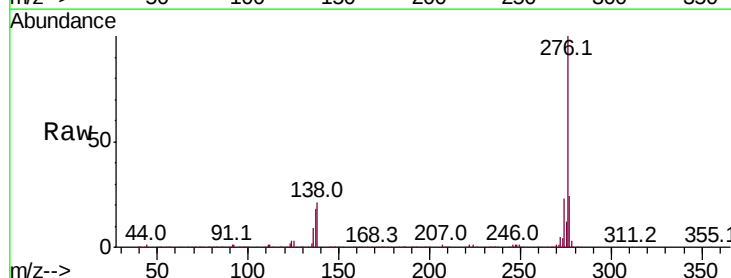
Tgt Ion:276 Resp: 1605645

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.1	19.1	28.7

276 100

277 23.5 18.8 28.2

138 21.1 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

