

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119504.D
 Acq On : 25 Mar 2020 14:28
 Operator : CG/JU
 Sample : PB127799BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Quant Time: Mar 25 15:03:16 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 25 14:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	304615	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1172624	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	605343	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1184928	20.00	ng	0.00
76) Chrysene-d12	14.02	240	869449	20.00	ng	0.00
87) Perylene-d12	15.49	264	793943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2311405	120.79	ng	0.01
7) Phenol-d6	6.47	99	2944805	120.47	ng	0.00
23) Nitrobenzene-d5	7.41	82	1884571	87.34	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	866707	138.78	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3496153	85.56	ng	0.00
79) Terphenyl-d14	12.97	244	4044599	91.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	327317	34.634	ng	98
3) Pyridine	3.42	79	905013	34.760	ng	99
4) n-Nitrosodimethylamine	3.37	42	509647	40.140	ng	98
6) Aniline	6.50	93	1107966	32.842	ng	99
8) 2-Chlorophenol	6.63	128	974281	48.478	ng	99
9) Benzaldehyde	6.39	77	609741	39.322	ng	97
10) Phenol	6.49	94	1218976	46.736	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	916175	43.920	ng	97
12) 1,3-Dichlorobenzene	6.79	146	972956	44.730	ng	98
13) 1,4-Dichlorobenzene	6.86	146	991371	45.566	ng	98
14) 1,2-Dichlorobenzene	7.02	146	914922	44.990	ng	100
15) Benzyl Alcohol	6.99	79	825196	44.879	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1765670	41.963	ng	98
17) 2-Methylphenol	7.10	107	791736	42.997	ng	98
18) Hexachloroethane	7.36	117	379891	47.646	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	672400	45.637	ng	98
20) 3+4-Methylphenols	7.25	107	956645	42.391	ng	# 82
22) Acetophenone	7.26	105	1261954	45.039	ng	97
24) Nitrobenzene	7.43	77	1009470	43.779	ng	97
25) Isophorone	7.67	82	1890812	43.201	ng	99
26) 2-Nitrophenol	7.75	139	515131	56.739	ng	97
27) 2,4-Dimethylphenol	7.78	122	879982	46.875	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1190622	46.003	ng	98
29) 2,4-Dichlorophenol	7.99	162	808293	46.859	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	857501	44.951	ng	99
31) Naphthalene	8.15	128	2665240	44.167	ng	99
32) Benzoic acid	7.91	122	684788	56.707	ng	98
33) 4-Chloroaniline	8.20	127	560517	20.271	ng	97
34) Hexachlorobutadiene	8.27	225	487081	45.636	ng	98
35) Caprolactam	8.57	113	152505	27.015	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	883941	46.886	ng	98
37) 2-Methylnaphthalene	8.85	142	1847559	46.651	ng	99
38) 1-Methylnaphthalene	8.95	142	1760846	46.974	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	799520	45.061	ng	99

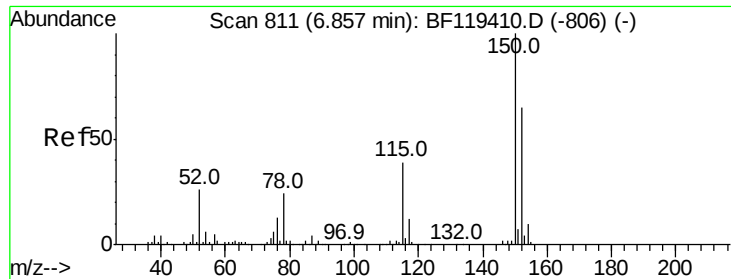
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1008021	99.931	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	614360	48.385	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	628301	44.172	nq	98
46) 1,1'-Biphenyl	9.31	154	2230488	45.241	nq	100
47) 2-Chloronaphthalene	9.33	162	1735341	44.935	nq	99
48) 2-Nitroaniline	9.43	65	642040	48.166	nq	98
49) Acenaphthylene	9.75	152	2701662	44.548	nq	99
50) Dimethylphthalate	9.62	163	2026996	47.142	nq	99
51) 2,6-Dinitrotoluene	9.67	165	460480	49.964	nq	88
52) Acenaphthene	9.93	154	1926730	50.962	nq	100
53) 3-Nitroaniline	9.84	138	313371	26.932	nq	99
54) 2,4-Dinitrophenol	9.95	184	513150	124.251	nq	# 86
55) Dibenzofuran	10.10	168	2442788	45.065	nq	98
56) 4-Nitrophenol	10.00	139	806722	87.889	nq	88
57) 2,4-Dinitrotoluene	10.08	165	614856	52.959	nq	98
58) Fluorene	10.44	166	1879877	46.897	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	537845	50.586	nq	97
60) Diethylphthalate	10.32	149	2128289	48.769	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	905984	46.219	nq	100
62) 4-Nitroaniline	10.46	138	502233	45.013	nq	99
63) Azobenzene	10.59	77	2030138	46.196	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	323526	65.113	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1751745	45.033	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	612860	45.415	nq	99
68) Hexachlorobenzene	10.99	284	658763	47.696	nq	# 89
69) Atrazine	11.08	200	551581	51.722	nq	99
70) Pentachlorophenol	11.18	266	761652	94.048	nq	100
71) Phenanthrene	11.40	178	2722656	44.313	nq	99
72) Anthracene	11.46	178	2822723	45.203	nq	99
73) Carbazole	11.61	167	2623577	42.447	nq	98
74) Di-n-butylphthalate	11.95	149	3322183	50.245	nq	98
75) Fluoranthene	12.59	202	3004955	45.191	nq	99
77) Benzidine	12.71	184	1447297	39.334	nq	99
78) Pyrene	12.82	202	3072830	43.064	nq	99
80) Butylbenzylphthalate	13.45	149	1515552	52.514	nq	100
81) Benzo(a)anthracene	14.02	228	2381036	42.113	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	848524	38.063	nq	99
83) Chrysene	14.05	228	2534477	43.435	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2009829	58.420	nq	100
85) Di-n-octyl phthalate	14.62	149	3563427	58.894	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2333715	42.466	nq	98
88) Benzo(b)fluoranthene	15.06	252	2443769	46.078	nq	99
89) Benzo(k)fluoranthene	15.09	252	2360526	46.743	nq	99
90) Benzo(a)pyrene	15.43	252	2122376	44.035	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	1919266	45.527	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1893033	44.698	nq	96

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

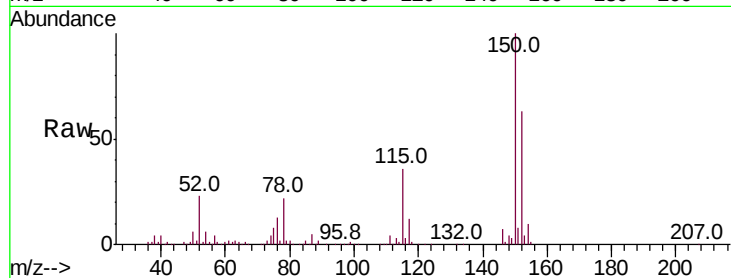


#1

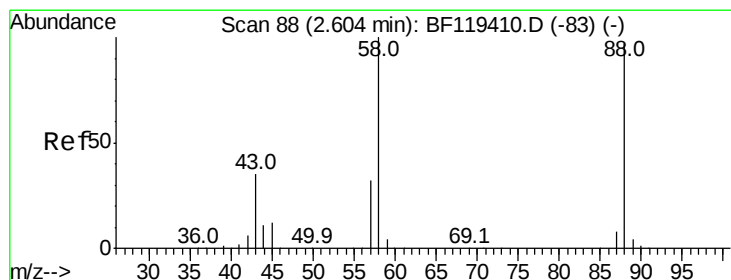
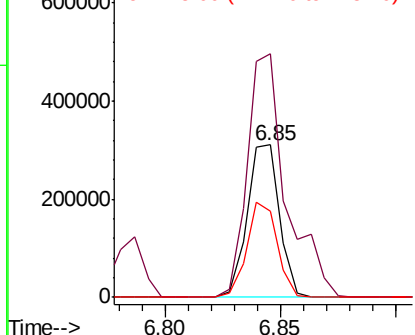
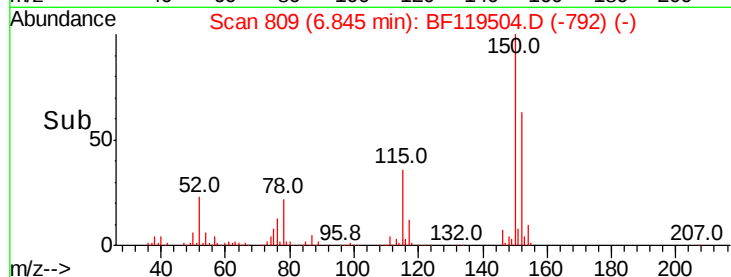
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:152 Resp: 304615
Ion Ratio Lower Upper
152 100
150 159.7 123.9 185.9
115 56.8 47.8 71.6



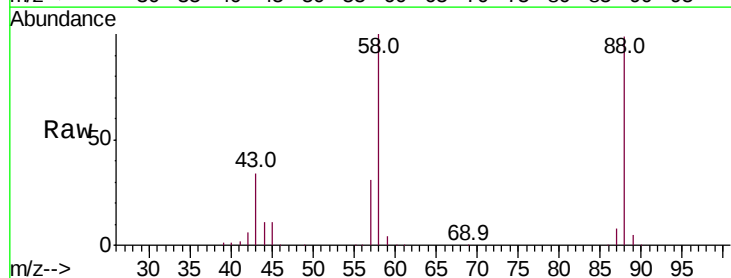
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



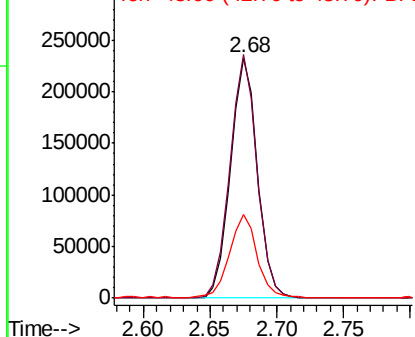
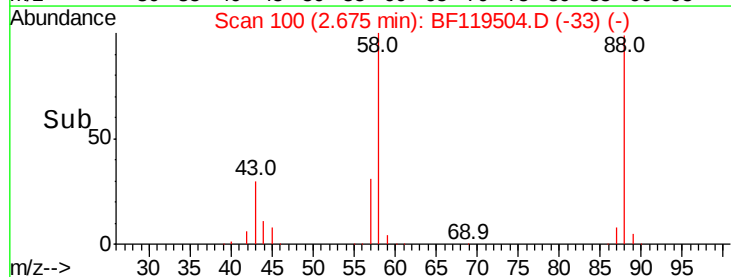
#2

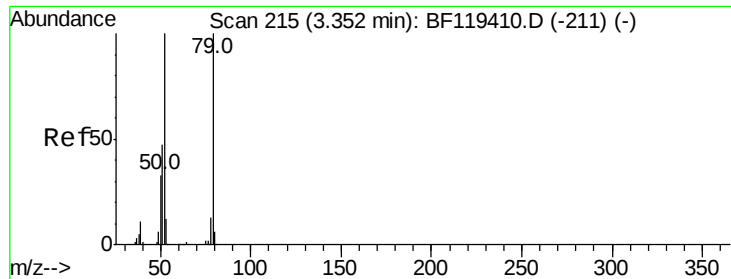
1,4-Dioxane
Concen: 34.634 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.09 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion: 88 Resp: 327317
Ion Ratio Lower Upper
88 100
58 102.2 79.4 119.2
43 35.0 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: 34.760 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.09 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

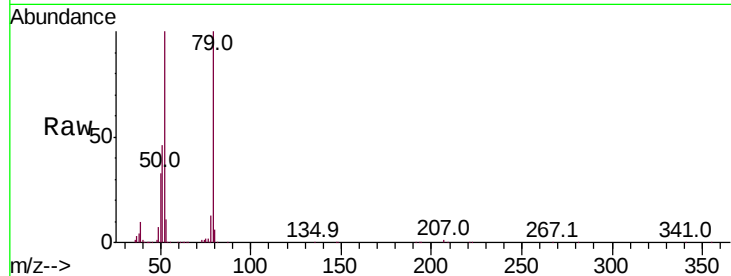
Tot Ion: 79 Resp: 905013

Ion Ratio Lower Upper

79 100

52 99.8 80.0 120.0

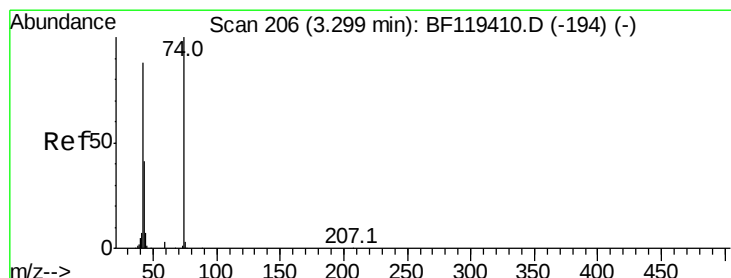
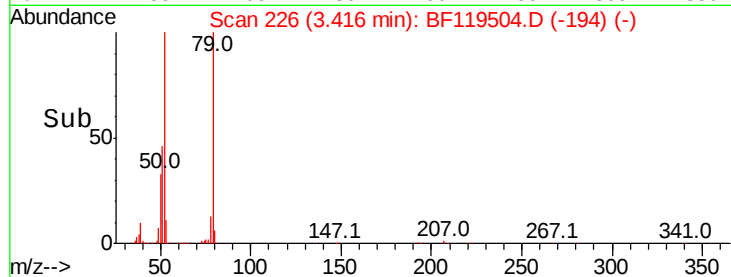
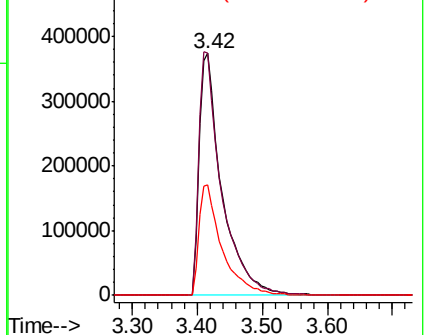
51 45.6 37.9 56.9



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: 40.140 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.09 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

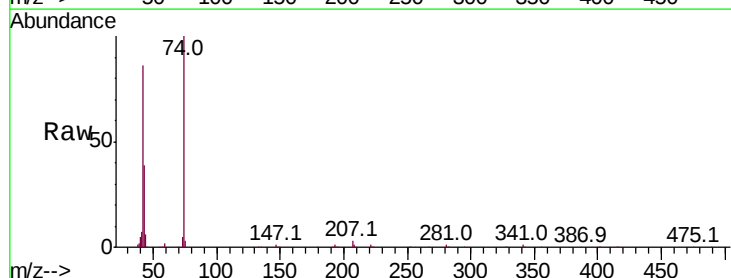
Tgt Ion: 42 Resp: 509647

Ion Ratio Lower Upper

42 100

74 115.8 91.3 136.9

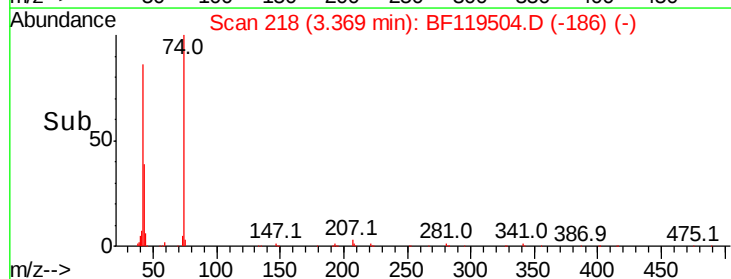
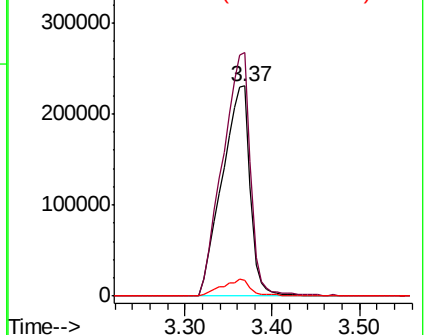
44 7.4 7.1 10.7

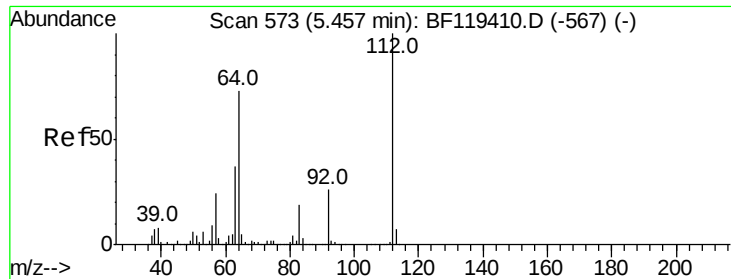


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.793 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

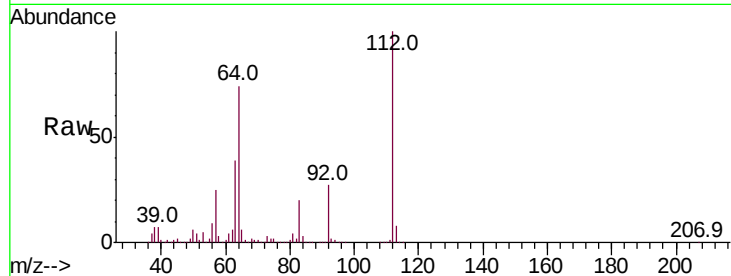
Tot Ion:112 Resp: 2311405

Ion Ratio Lower Upper

112 100

64 74.0 58.1 87.1

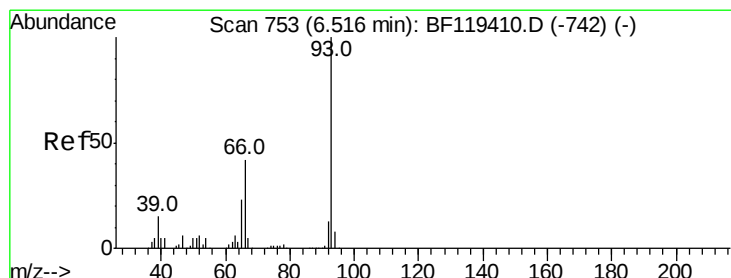
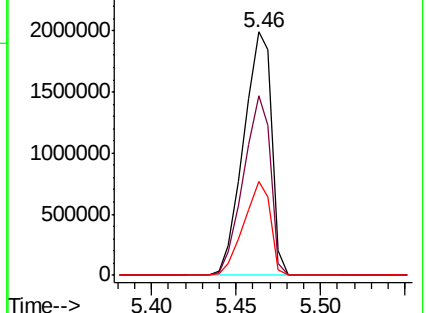
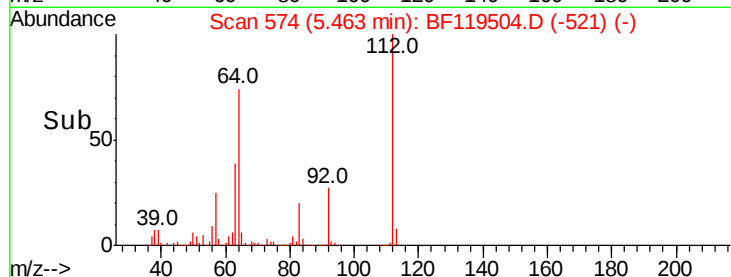
63 38.7 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.842 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

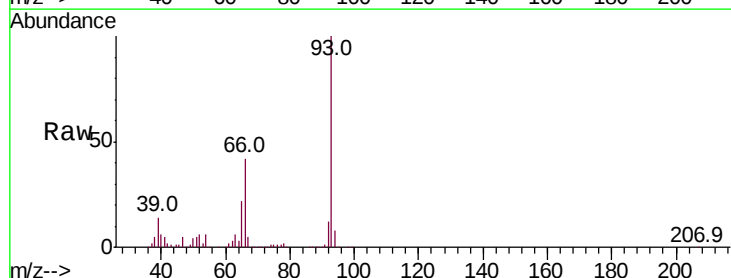
Tgt Ion: 93 Resp: 1107966

Ion Ratio Lower Upper

93 100

66 42.4 34.2 51.4

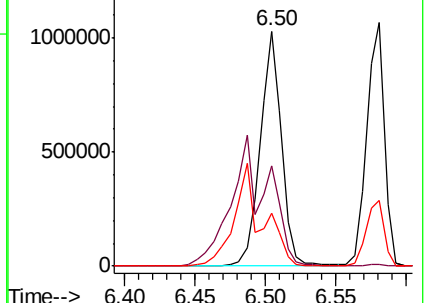
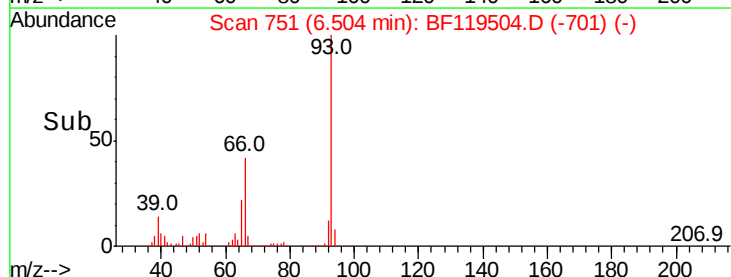
65 22.3 18.2 27.4

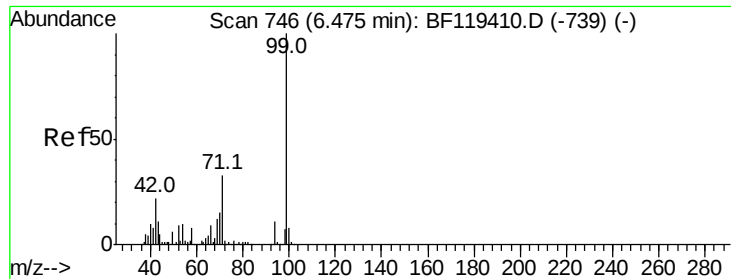


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.472 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

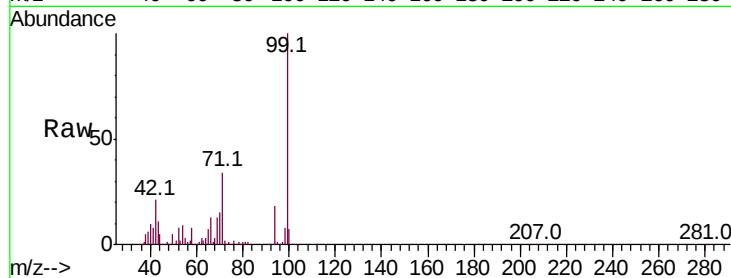
BNA_F

ClientSampleId :

PB127799BS

Tot Ion: 99 Resp: 2944805

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.8	26.6
71	34.2	26.0	39.0

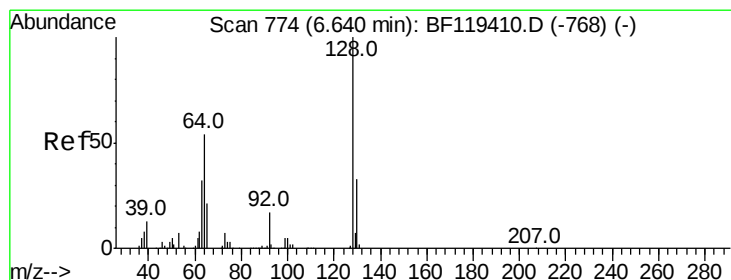
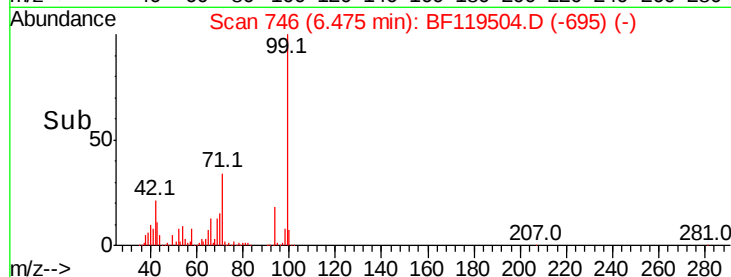
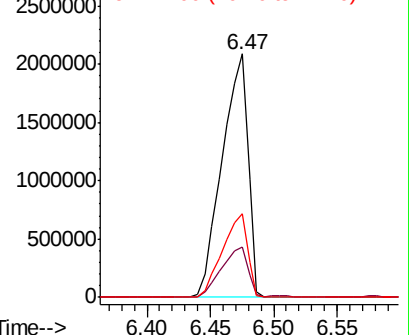


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.478 ng

RT: 6.63 min Scan# 772

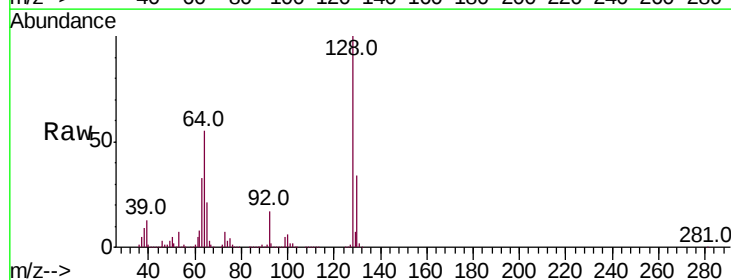
Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion: 128 Resp: 974281

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	55.3	35.1	75.1

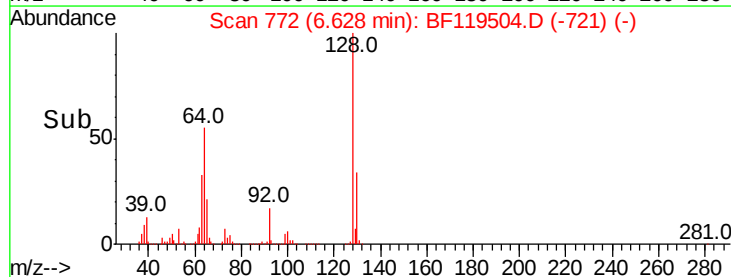
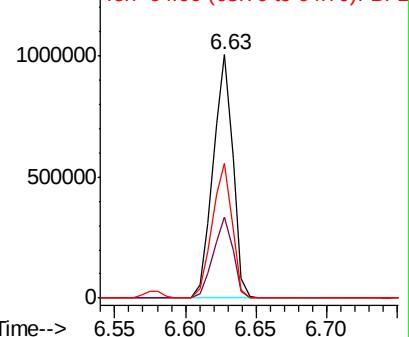


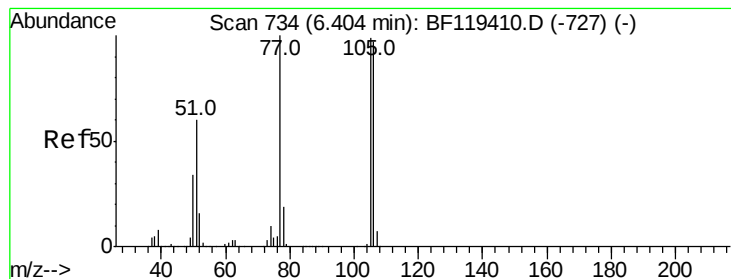
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.322 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

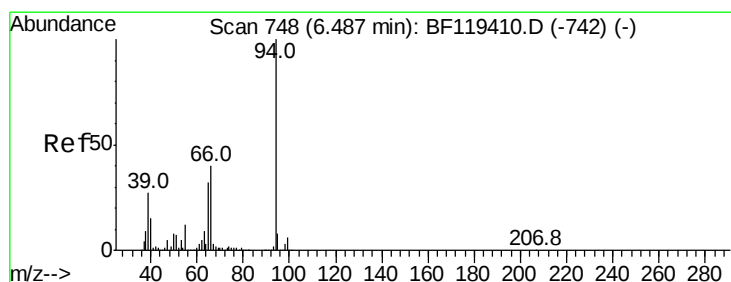
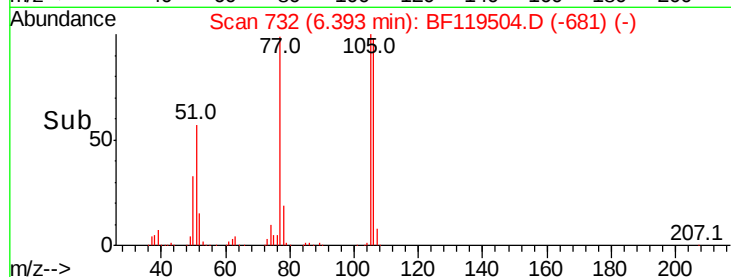
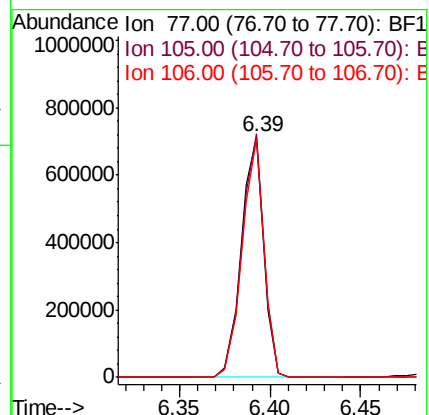
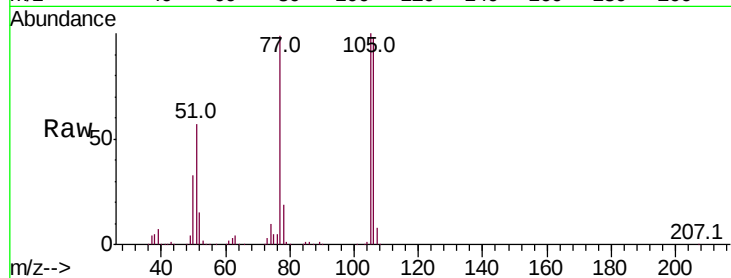
Tot Ion: 77 Resp: 609741

Ion Ratio Lower Upper

77 100

105 101.3 78.6 118.6

106 99.4 76.5 116.5



#10

Phenol

Concen: 46.736 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

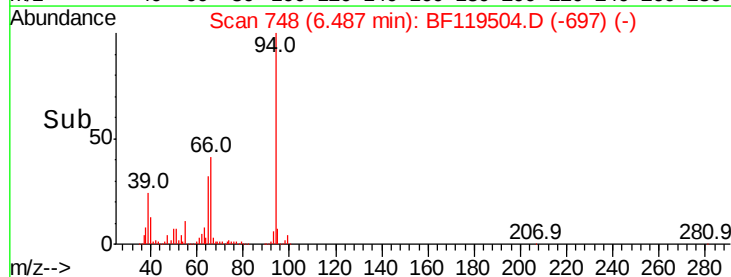
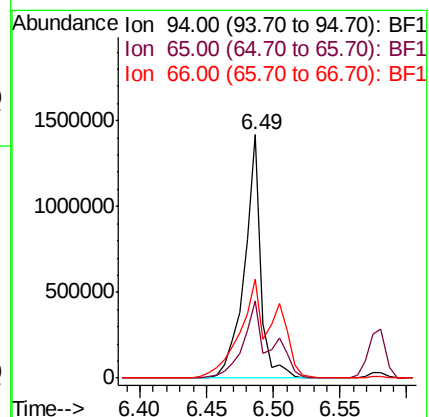
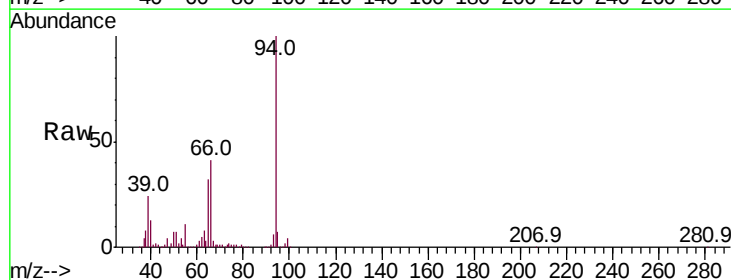
Tgt Ion: 94 Resp: 1218976

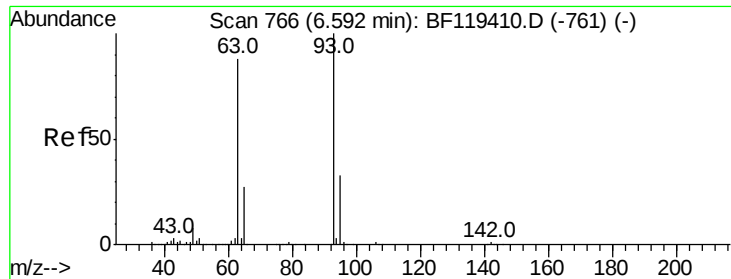
Ion Ratio Lower Upper

94 100

65 31.6 12.0 52.0

66 40.6 20.6 60.6

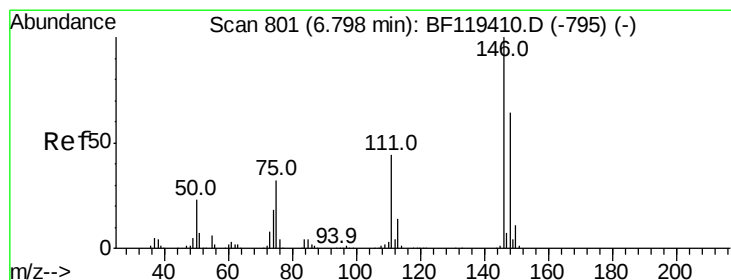
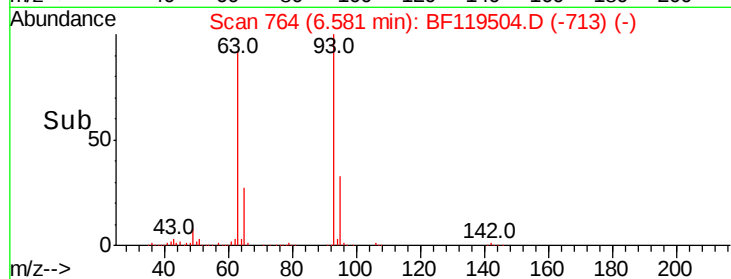
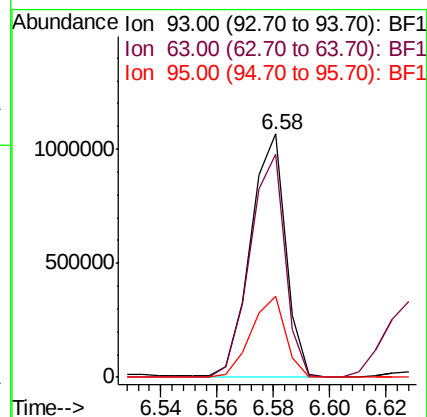
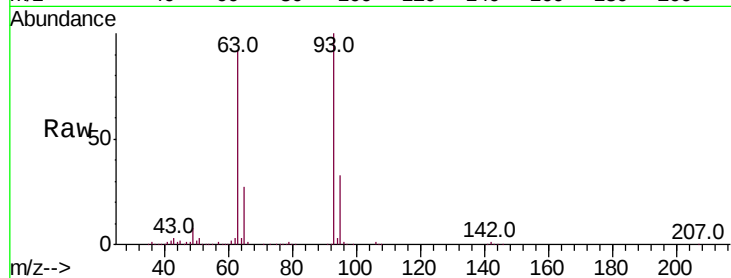




#11
bis(2-Chloroethyl)ether
Concen: 43.920 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

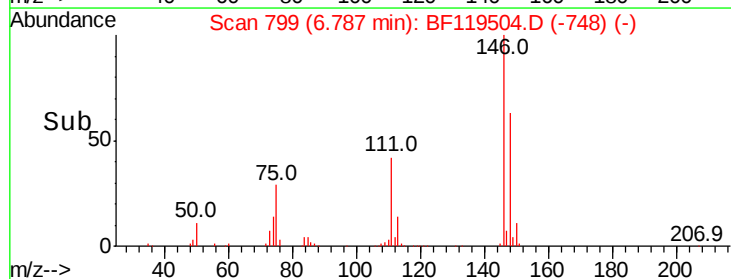
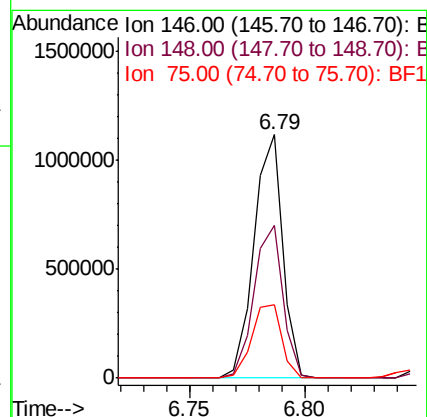
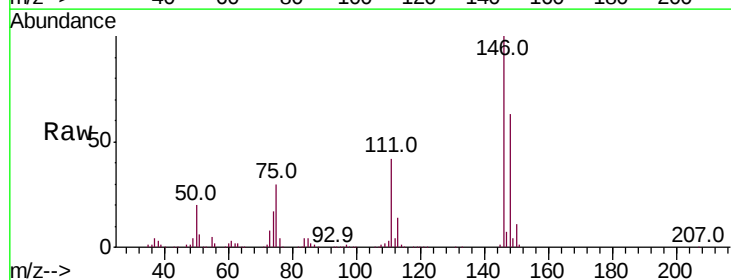
Instrument :
BNA_F
ClientSampleId :
PB127799BS

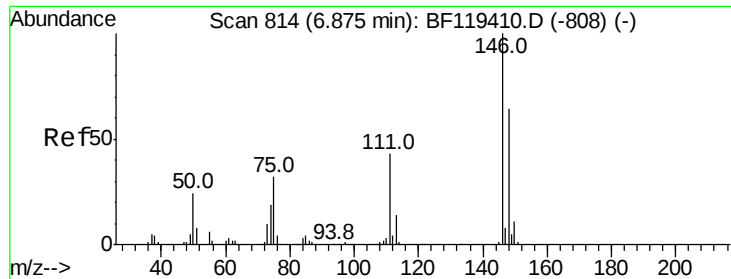
Tot Ion: 93 Resp: 916175
Ion Ratio Lower Upper
93 100
63 91.7 68.4 108.4
95 33.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 44.730 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion: 146 Resp: 972956
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.0
75 30.3 25.8 38.8

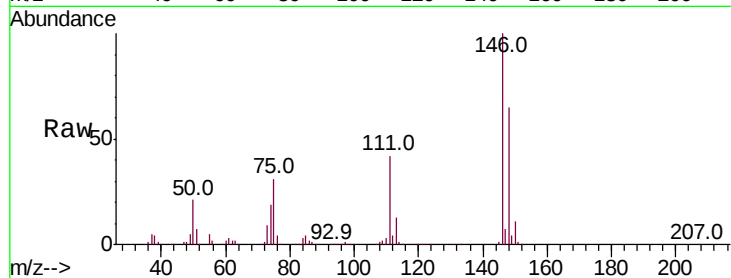




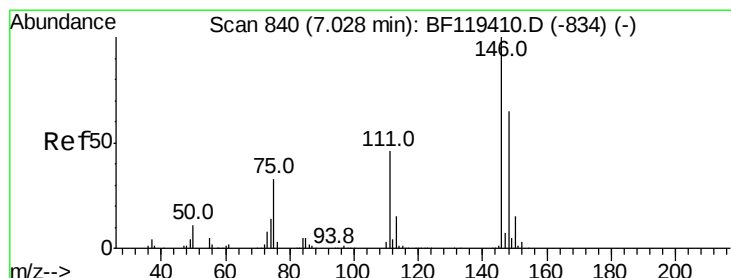
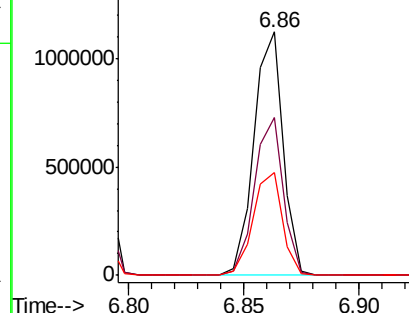
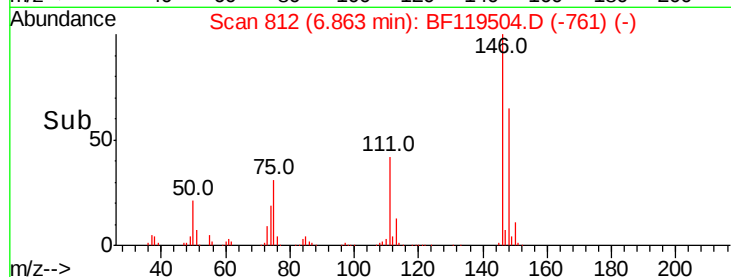
#13
 1,4-Dichlorobenzene
 Concen: 45.566 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion:146 Resp: 991371
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.9 76.3
 111 42.1 34.6 52.0

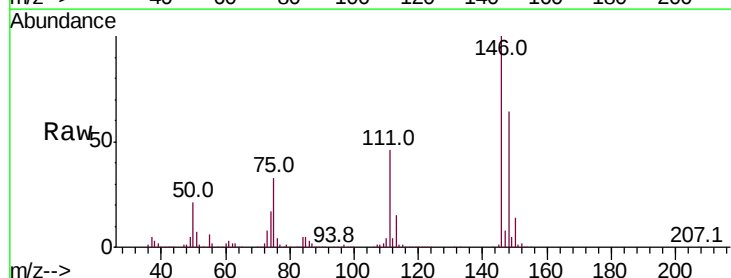


Abundance Ion 146.00 (145.70 to 146.70): E
 1500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

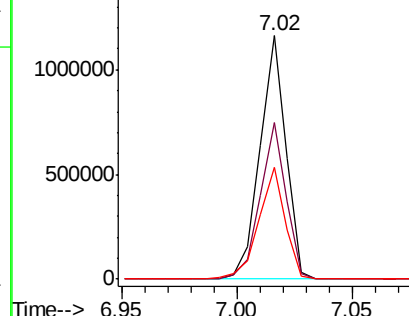
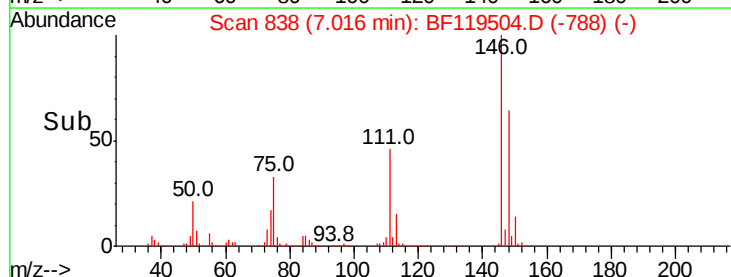


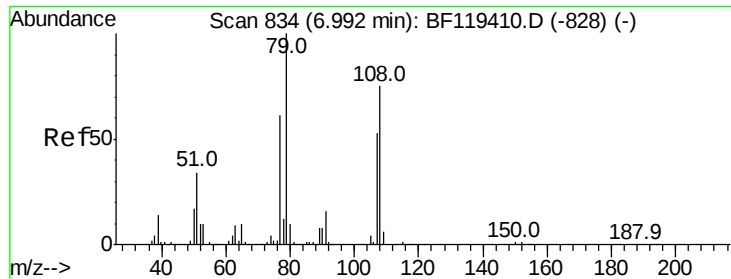
#14
 1,2-Dichlorobenzene
 Concen: 44.990 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Tgt Ion:146 Resp: 914922
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.7 77.5
 111 45.7 36.4 54.6



Abundance Ion 146.00 (145.70 to 146.70): E
 1500000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.879 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

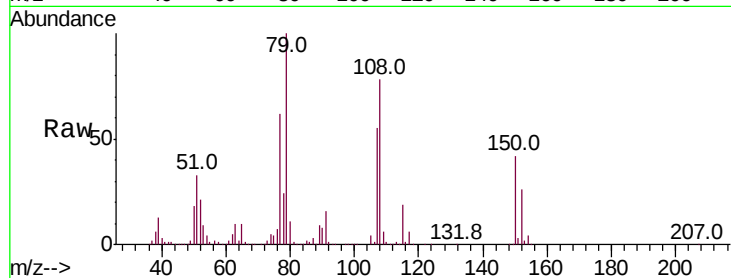
Tot Ion: 79 Resp: 825196

Ion Ratio Lower Upper

79 100

108 78.2 60.4 90.6

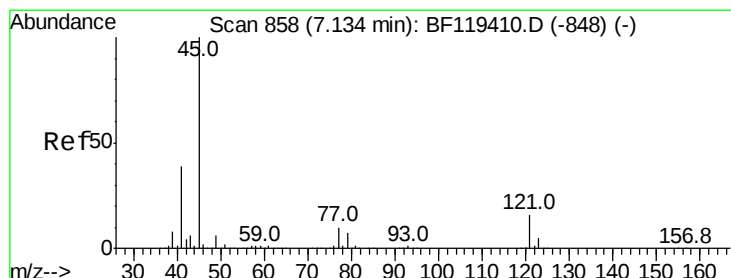
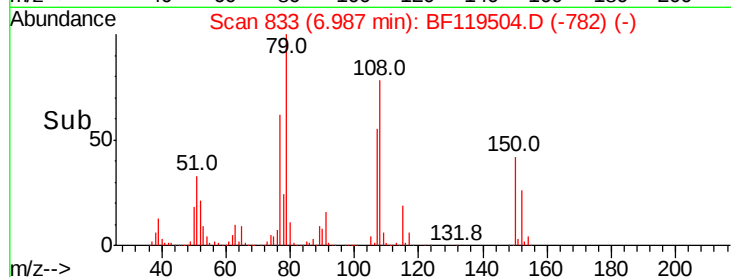
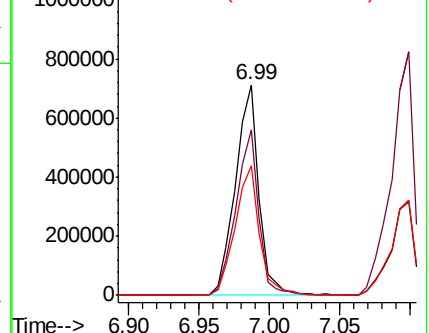
77 61.7 49.0 73.4



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: 41.963 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

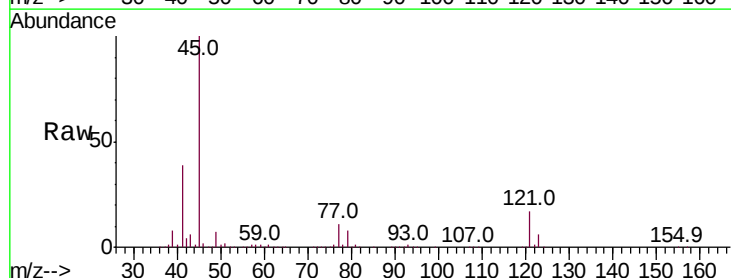
Tgt Ion: 45 Resp: 1765670

Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.1

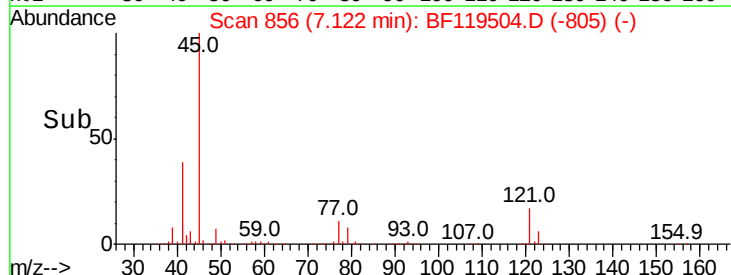
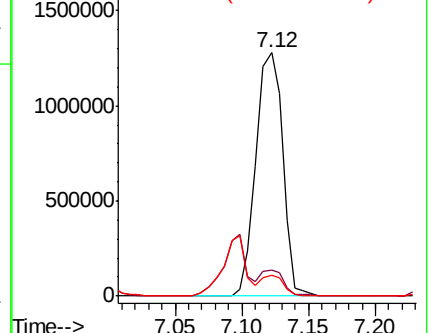
79 8.4 0.0 27.4

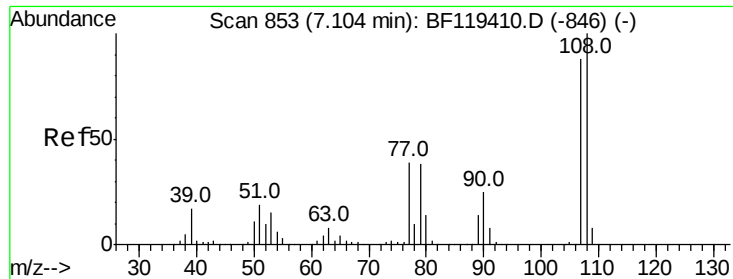


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

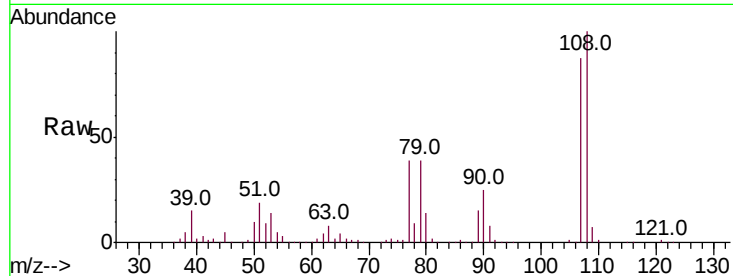




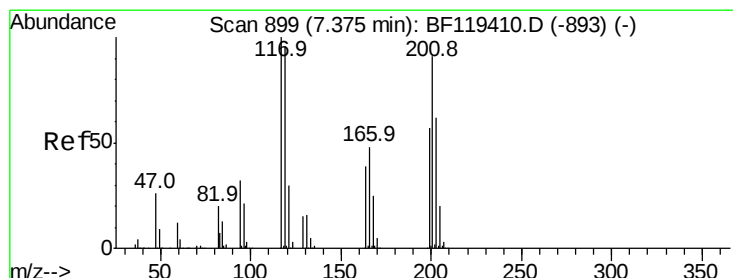
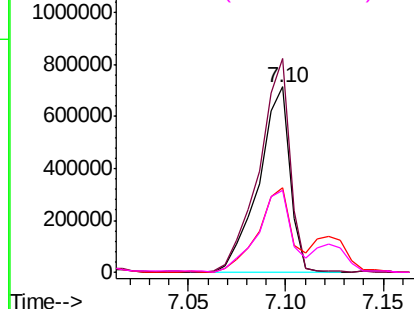
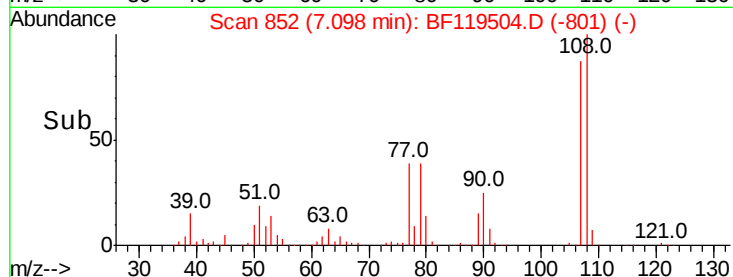
#17
2-Methylphenol
Concen: 42.997 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:107 Resp: 791736
Ion Ratio Lower Upper
107 100
108 115.1 90.7 136.1
77 45.3 35.6 53.4
79 44.4 34.7 52.1

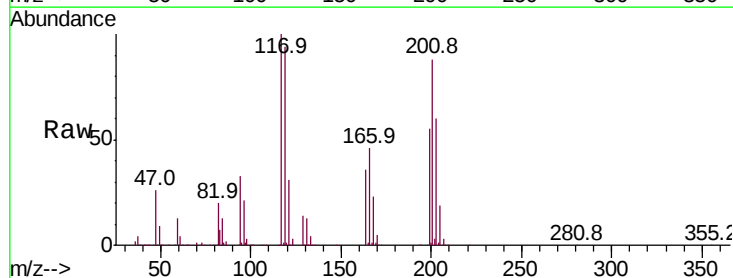


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

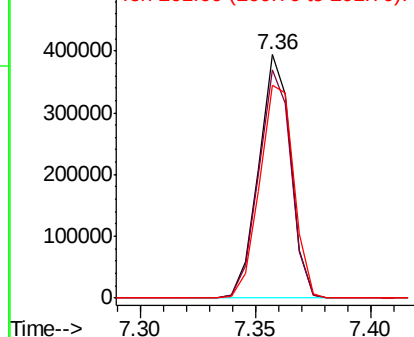
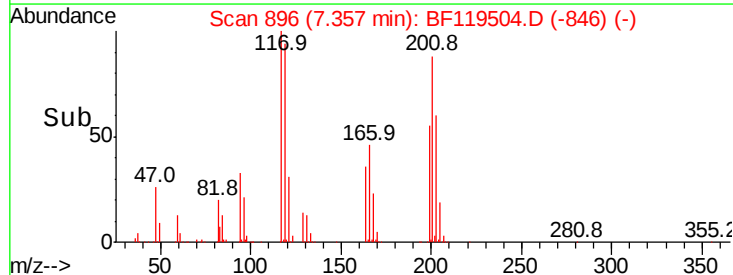


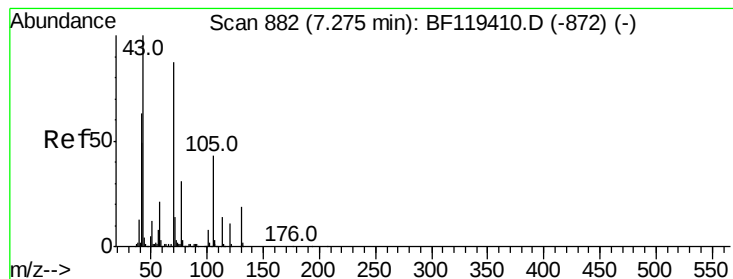
#18
Hexachloroethane
Concen: 47.646 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:117 Resp: 379891
Ion Ratio Lower Upper
117 100
119 93.9 76.8 115.2
201 87.6 72.5 108.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 45.637 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion: 70 Resp: 672400

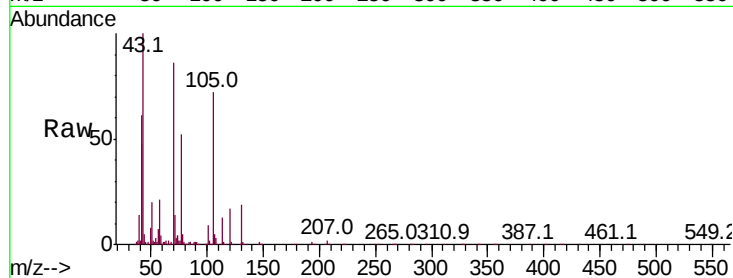
Ion Ratio Lower Upper

70 100

42 70.6 58.2 87.4

101 10.1 7.4 11.2

130 21.7 17.8 26.8

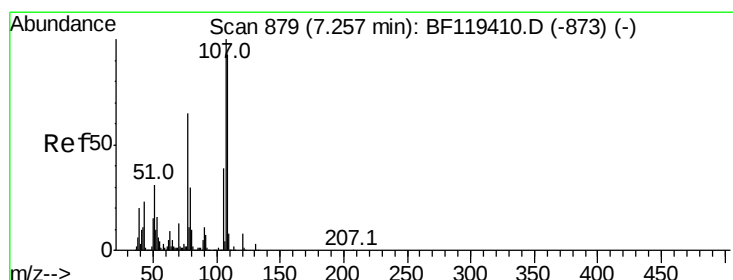
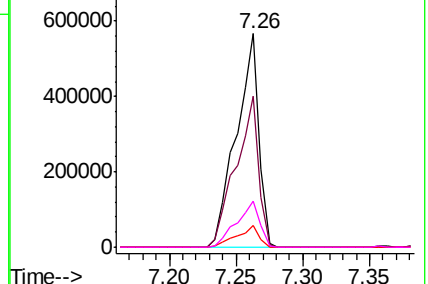
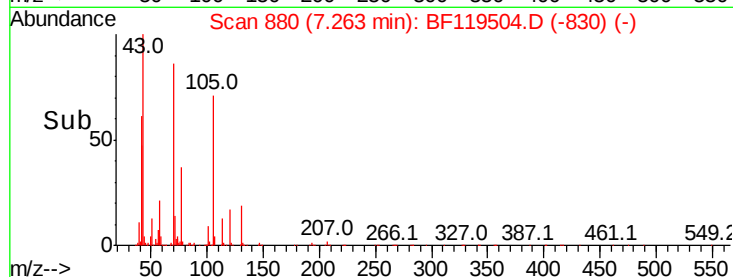


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.391 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion: 107 Resp: 956645

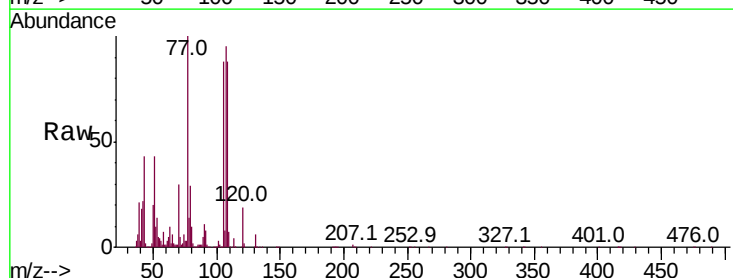
Ion Ratio Lower Upper

107 100

108 92.3 72.6 112.6

77 105.4 44.7 84.7#

79 30.9 10.2 50.2

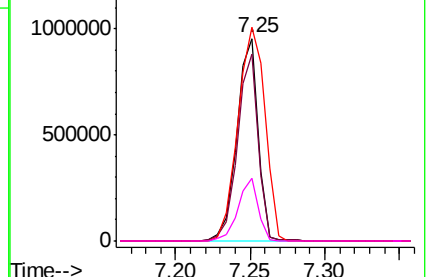
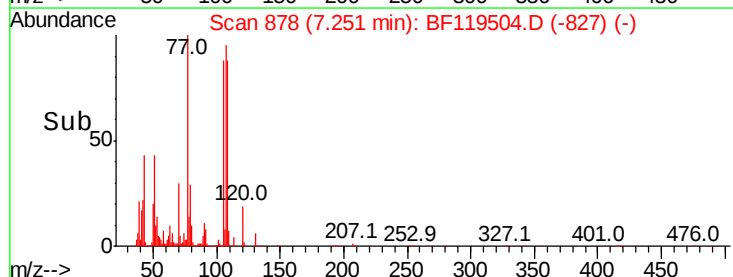


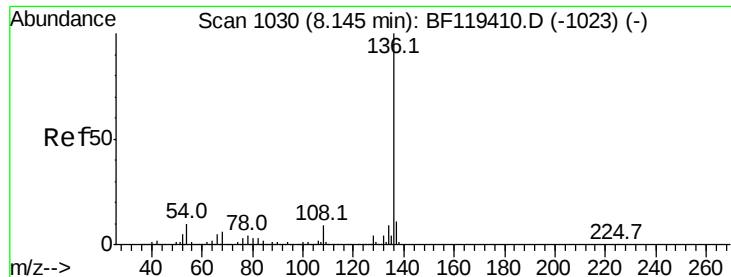
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion:136 Resp: 1172624

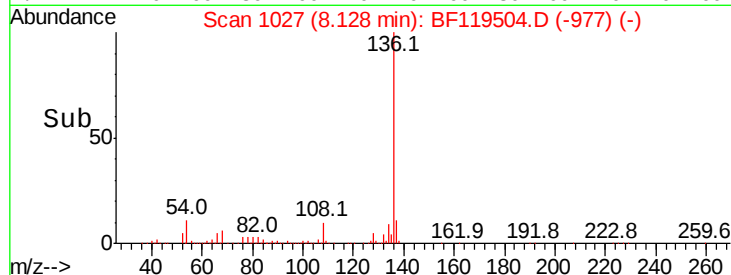
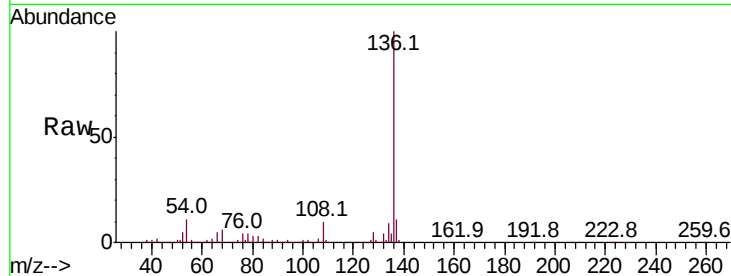
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 11.0 8.3 12.5

68 6.2 4.9 7.3

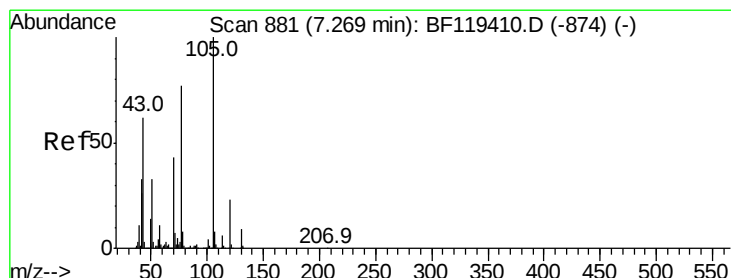
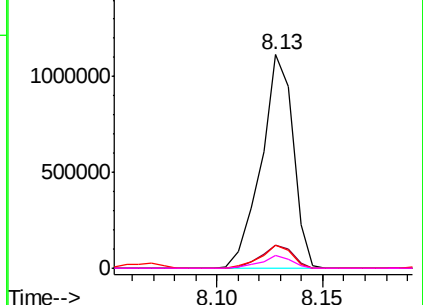


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.039 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion:105 Resp: 1261954

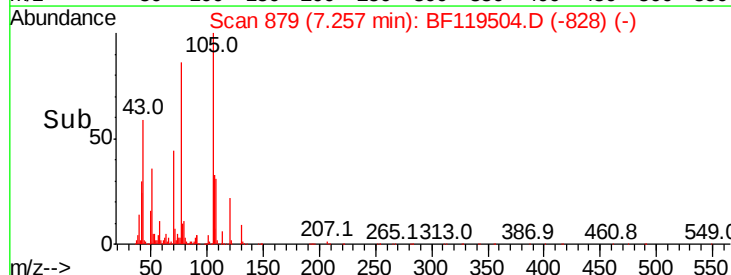
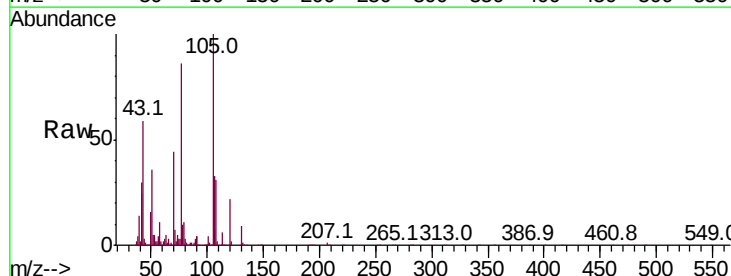
Ion Ratio Lower Upper

105 100

71 7.3 5.8 8.6

51 36.3 26.8 40.2

120 22.3 18.0 27.0

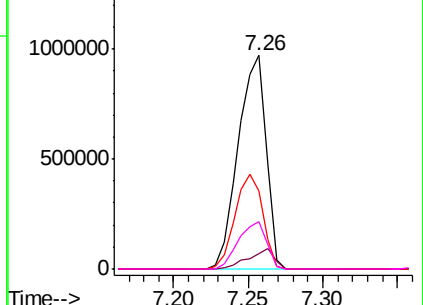


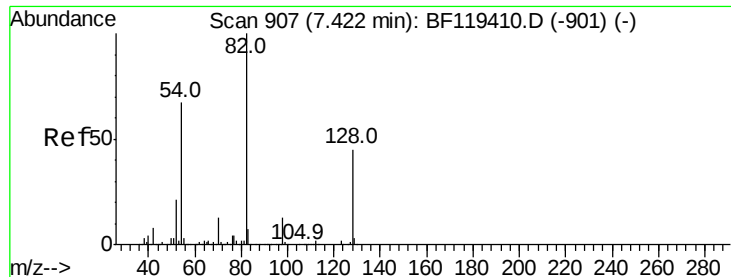
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

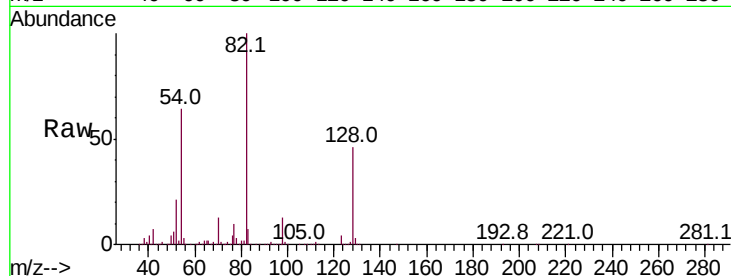




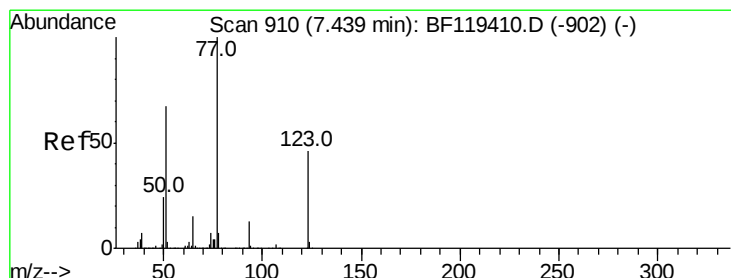
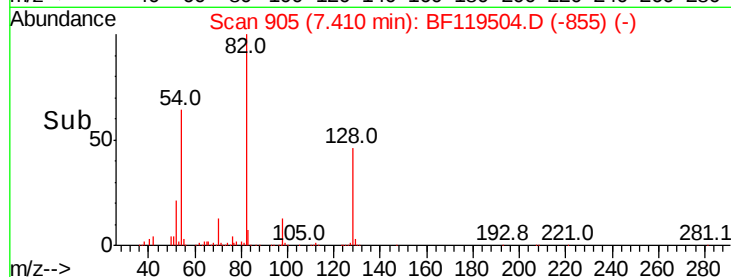
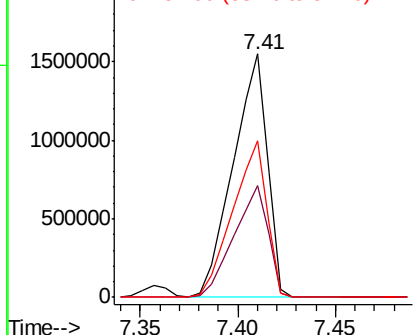
#23
Nitrobenzene-d5
Concen: 87.345 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion: 82 Resp: 1884571
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.8
54 64.2 53.4 80.0

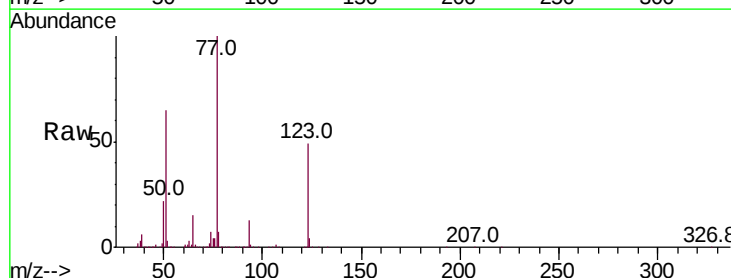


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

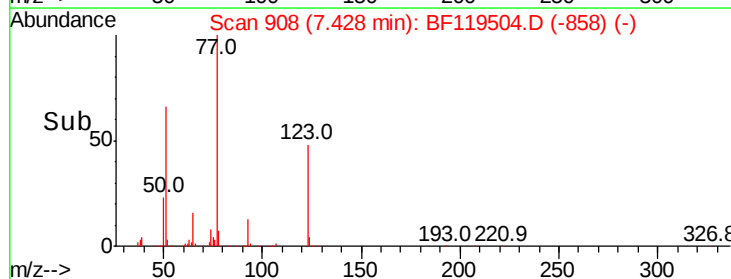
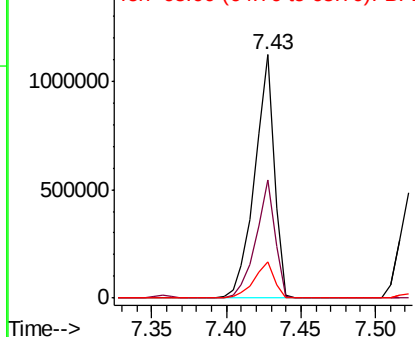


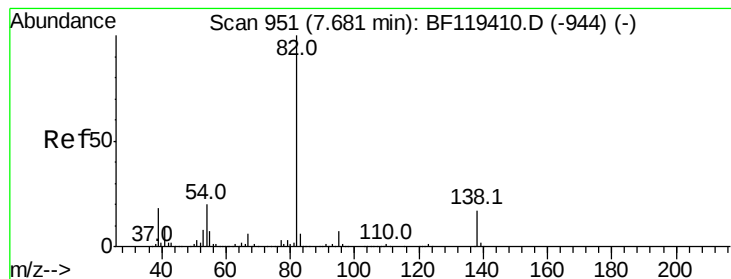
#24
Nitrobenzene
Concen: 43.779 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion: 77 Resp: 1009470
Ion Ratio Lower Upper
77 100
123 48.6 36.9 55.3
65 15.0 12.2 18.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.201 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

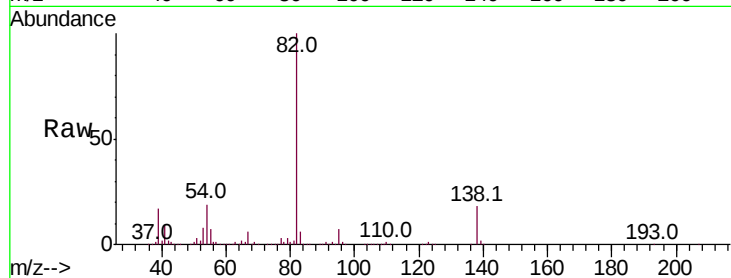
Tot Ion: 82 Resp: 1890812

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

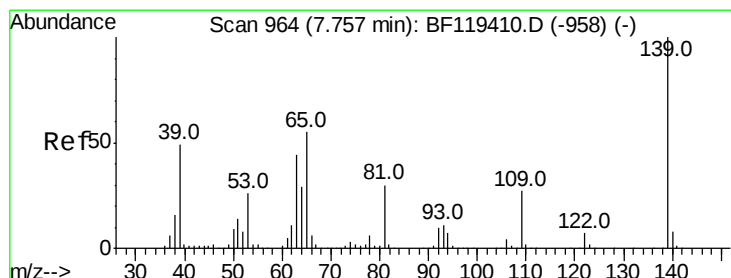
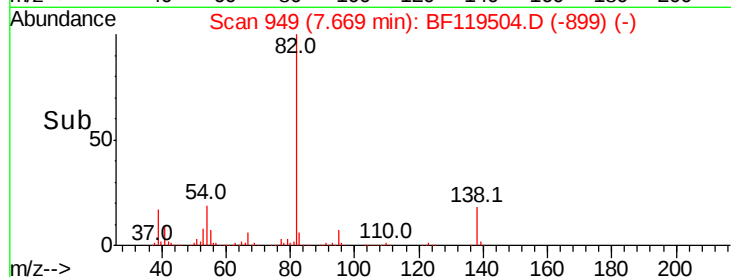
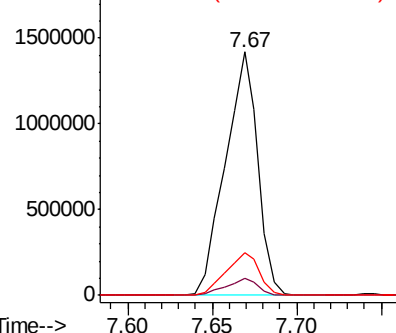
138 17.7 13.8 20.8



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: 56.739 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

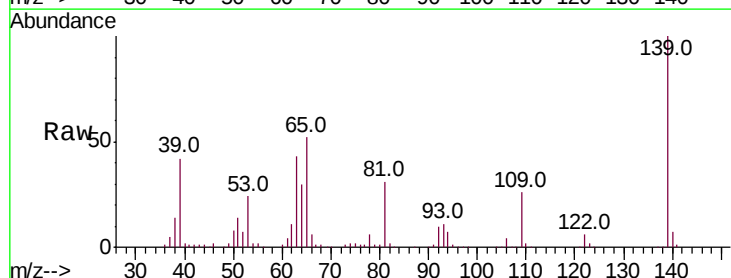
Tgt Ion:139 Resp: 515131

Ion Ratio Lower Upper

139 100

109 26.1 21.7 32.5

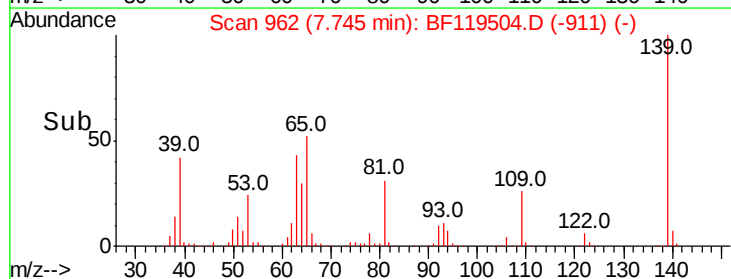
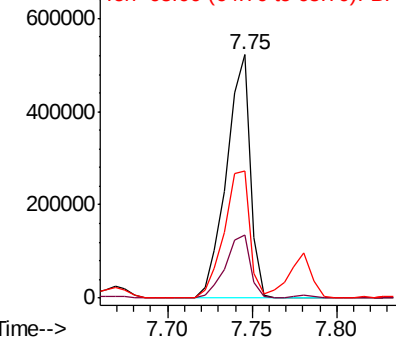
65 52.2 43.9 65.9

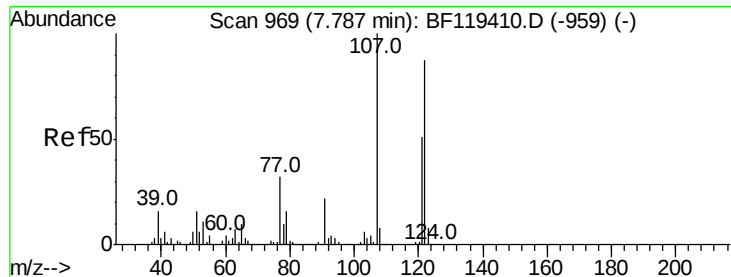


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

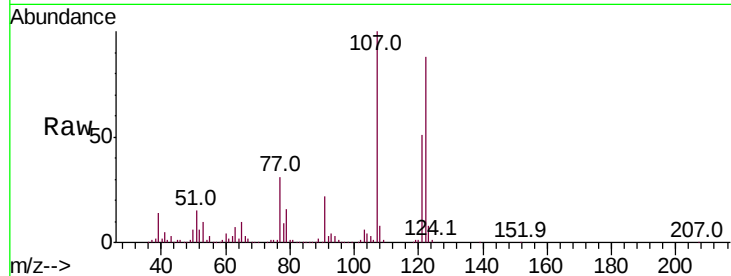




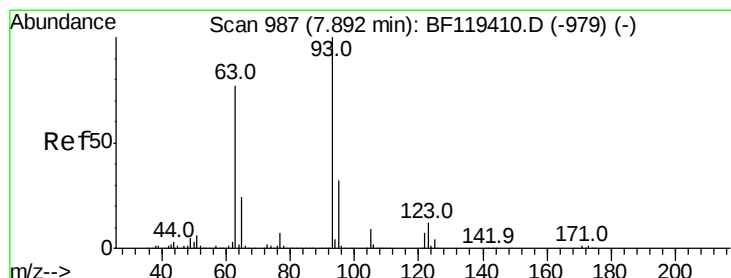
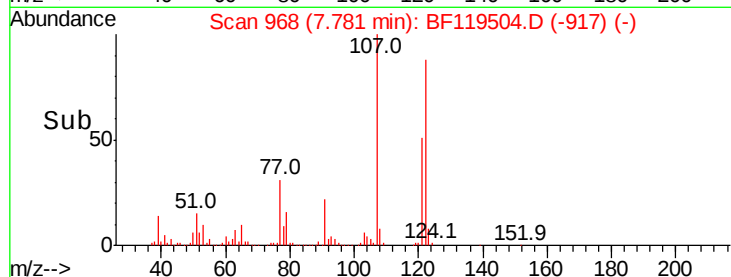
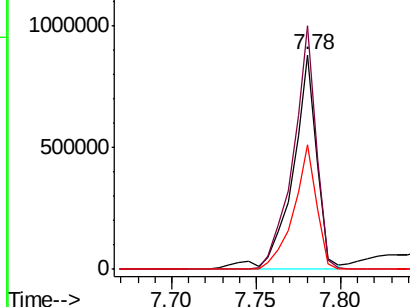
#27
2,4-Dimethylphenol
Concen: 46.875 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:122 Resp: 879982
Ion Ratio Lower Upper
122 100
107 113.7 91.8 137.6
121 57.9 46.5 69.7

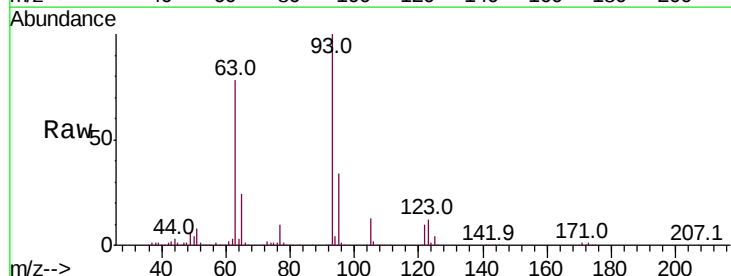


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

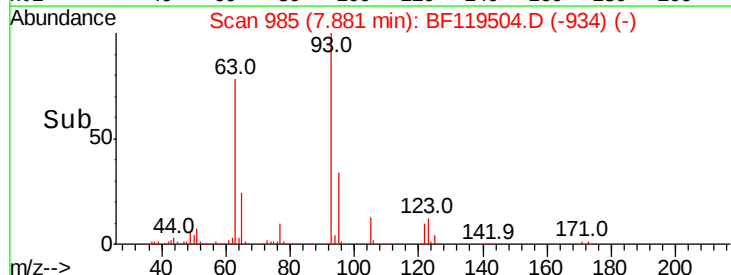
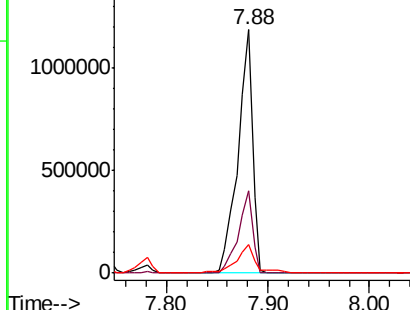


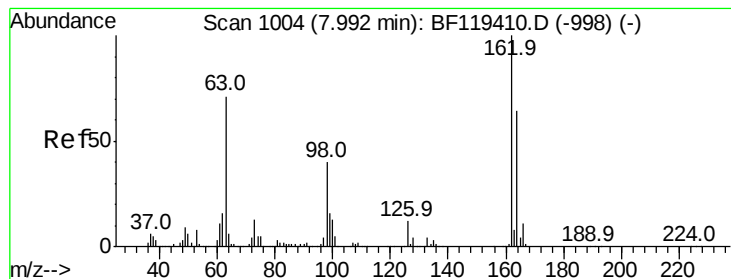
#28
bis(2-Chloroethoxy)methane
Concen: 46.003 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion: 93 Resp: 1190622
Ion Ratio Lower Upper
93 100
95 33.6 26.0 39.0
123 12.0 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: 46.859 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

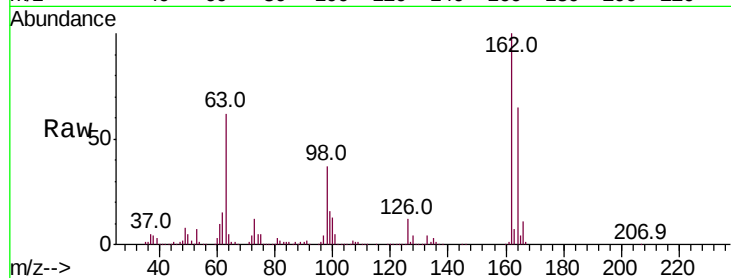
Tot Ion:162 Resp: 808293

Ion Ratio Lower Upper

162 100

164 65.3 43.6 83.6

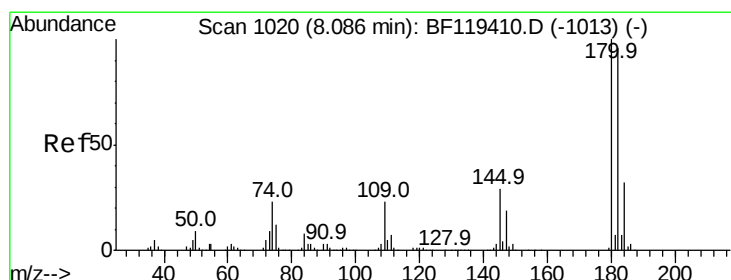
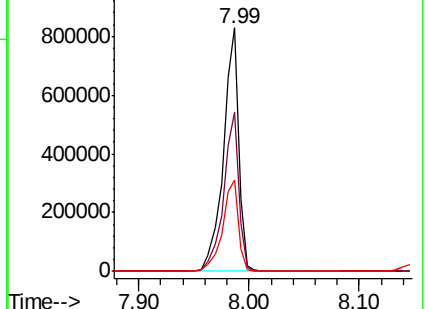
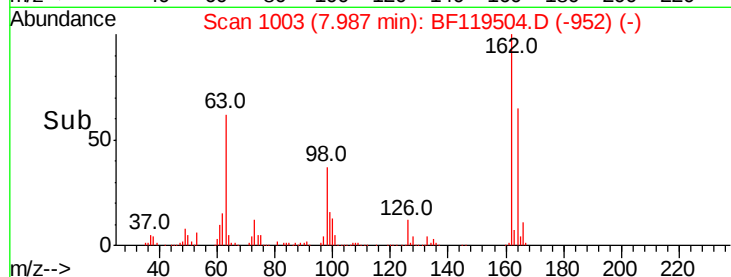
98 37.4 20.4 60.4



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: 44.951 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

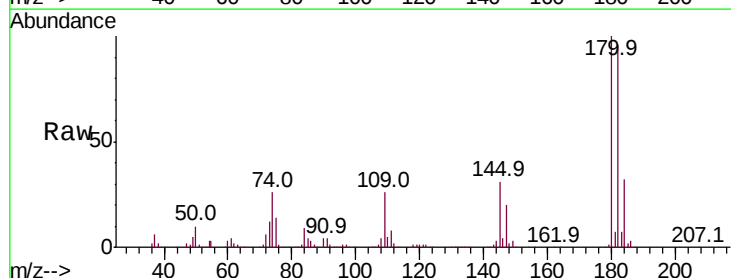
Tgt Ion:180 Resp: 857501

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

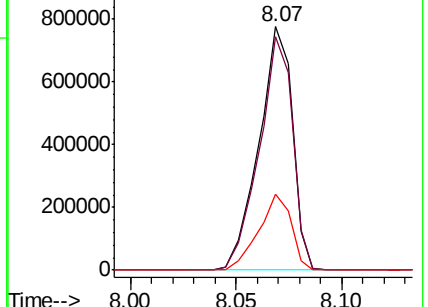
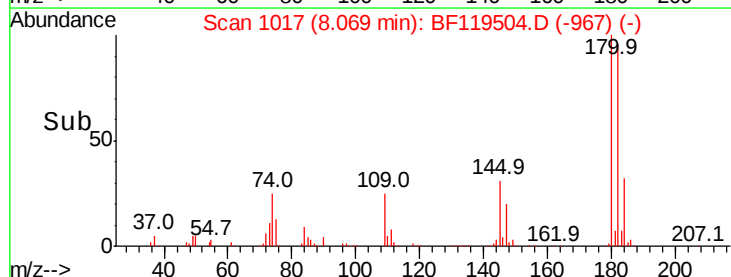
145 31.1 23.2 34.8

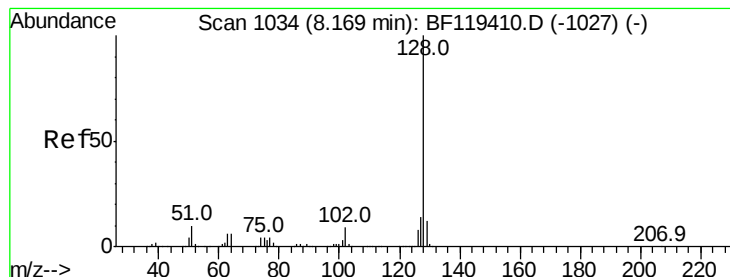


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.167 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

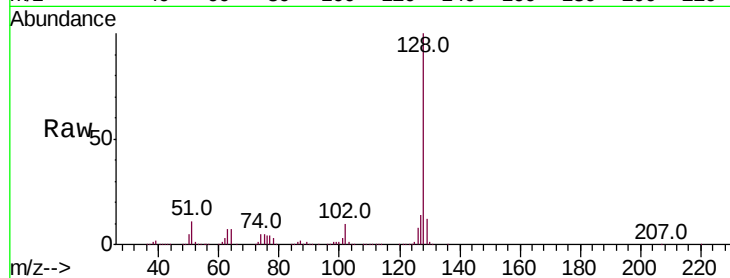
Tot Ion:128 Resp: 2665240

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

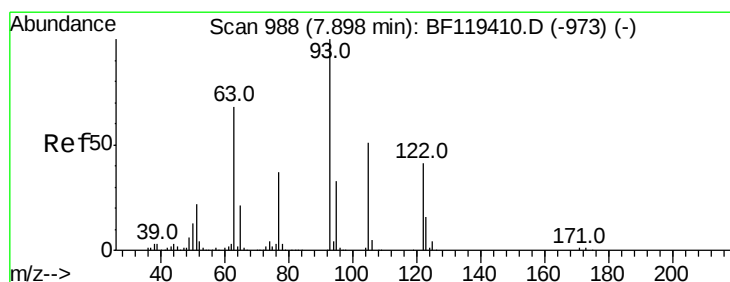
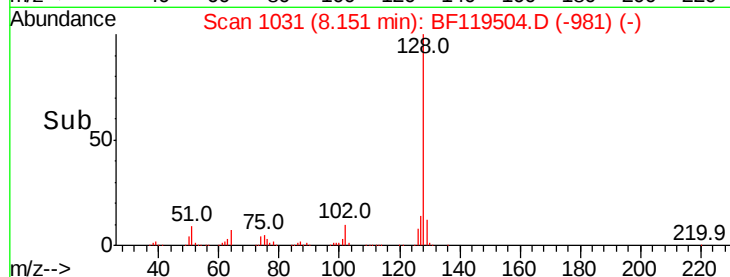
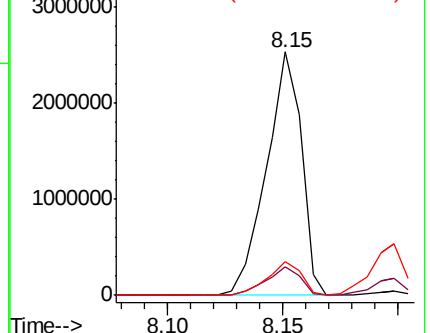
127 14.1 11.0 16.4



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: 56.707 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

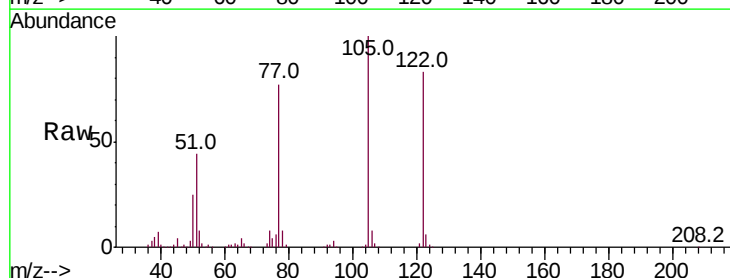
Tgt Ion:122 Resp: 684788

Ion Ratio Lower Upper

122 100

105 120.4 102.9 142.9

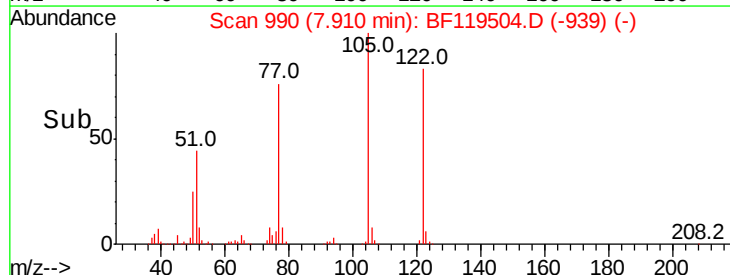
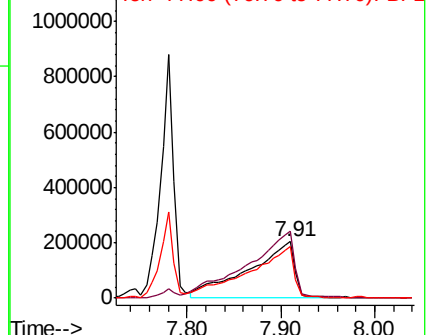
77 92.7 70.1 110.1

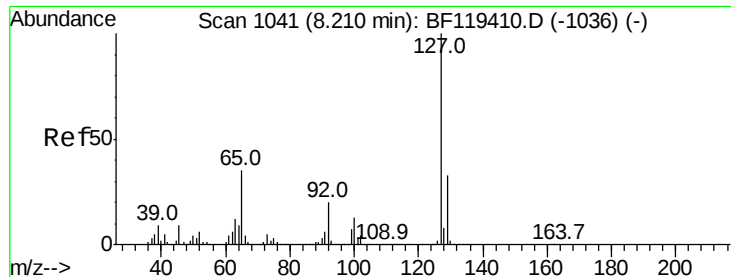


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

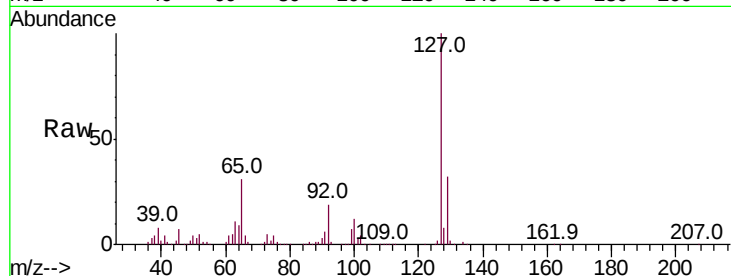




#33
4-Chloroaniline
Concen: 20.271 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:	127	Resp:	560517
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	31.4	27.7	41.5
92	18.9	15.8	23.6



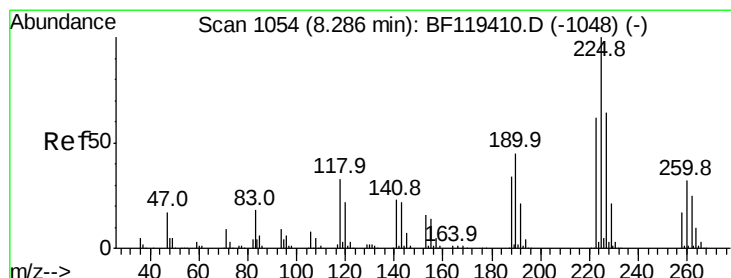
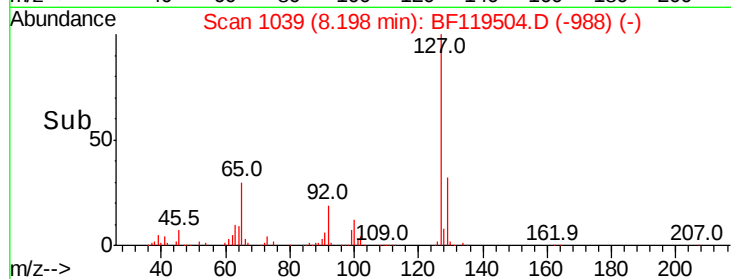
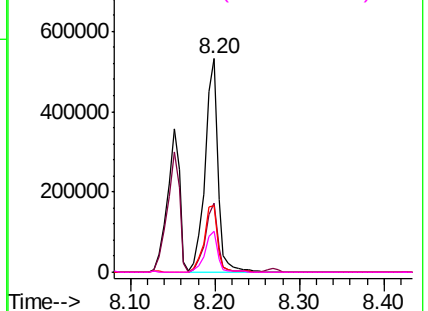
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

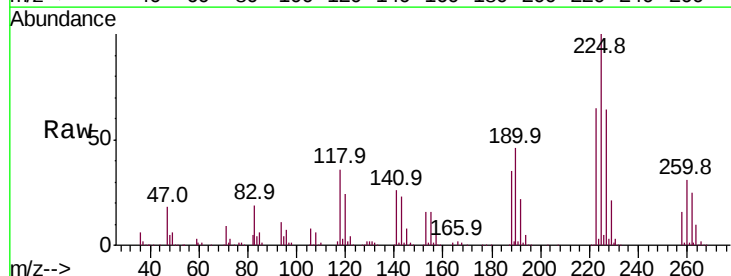
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 45.636 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:	225	Resp:	487081
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.2	73.8
227	63.7	51.1	76.7

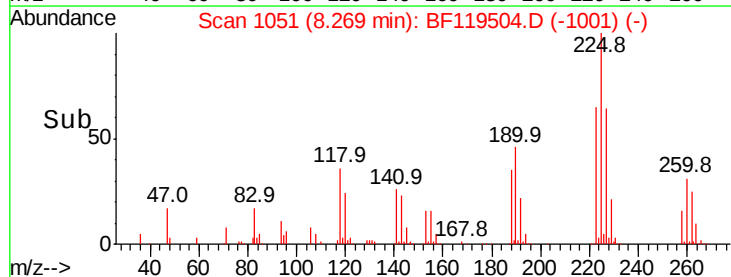
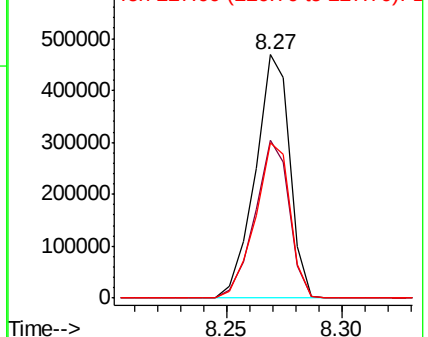


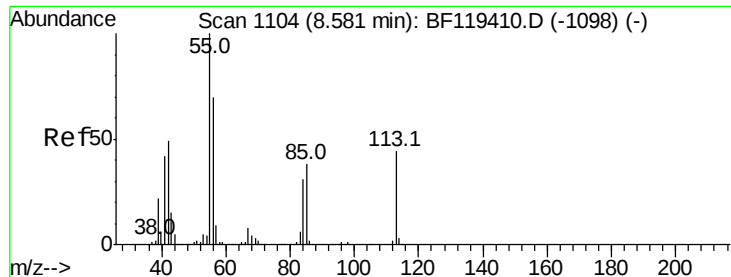
Abundance

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: 27.015 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

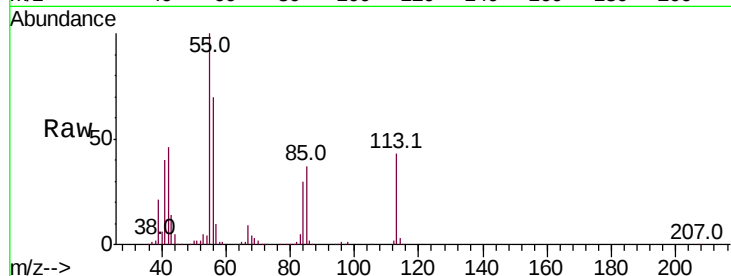
Tot Ion:113 Resp: 152505

Ion Ratio Lower Upper

113 100

55 233.6 208.4 248.4

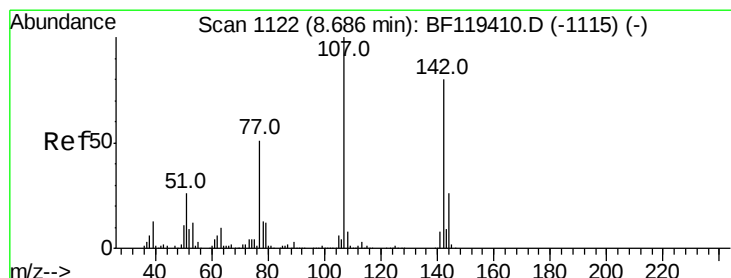
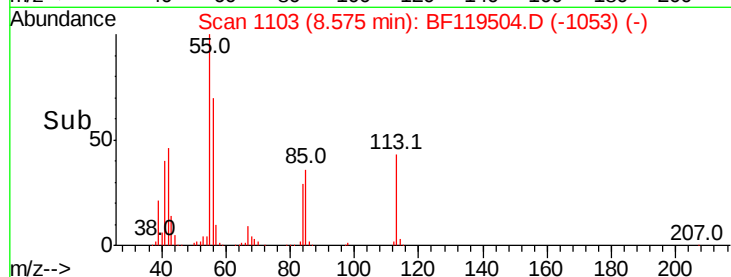
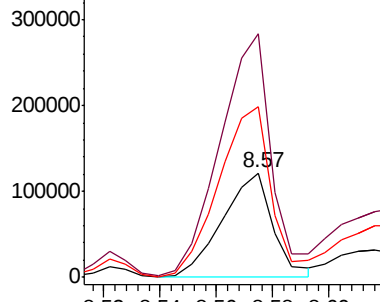
56 164.3 138.9 178.9



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: 46.886 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

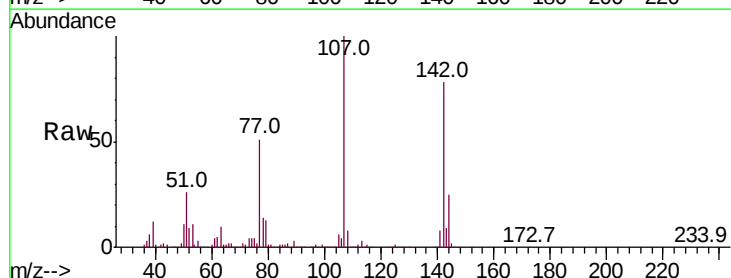
Tgt Ion:107 Resp: 883941

Ion Ratio Lower Upper

107 100

144 24.7 20.6 31.0

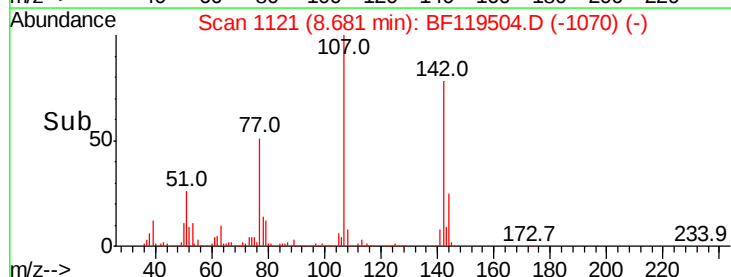
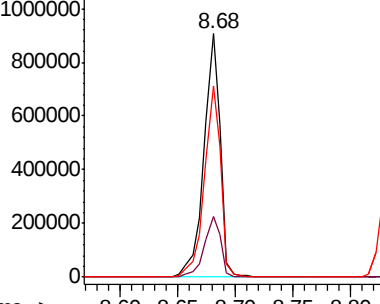
142 78.4 63.8 95.6

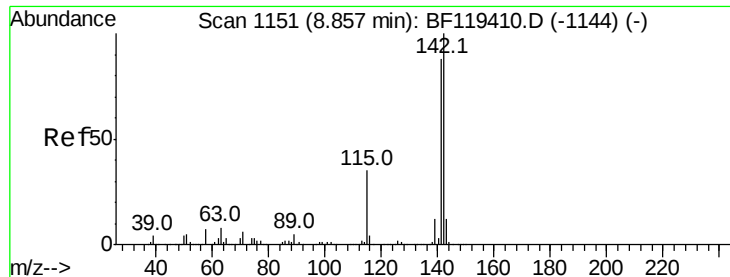


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.651 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

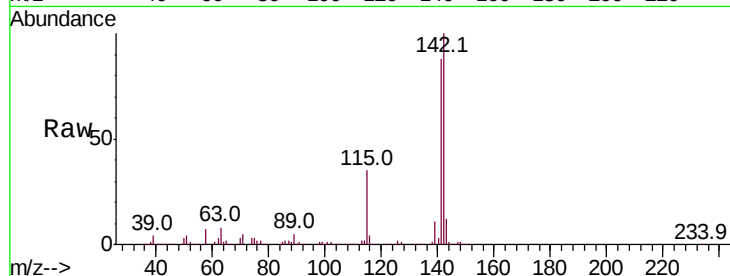
Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:142 Resp: 1847559

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	35.5	27.8	41.6

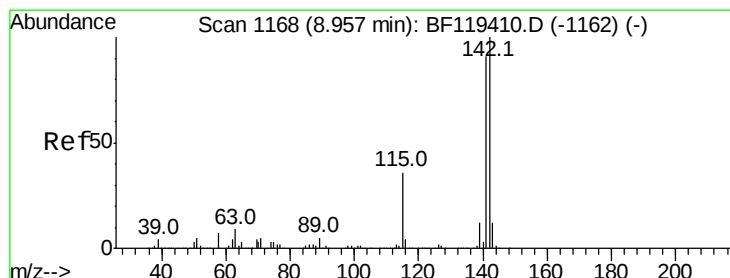
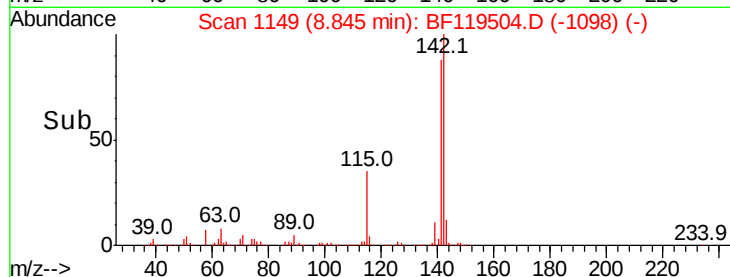
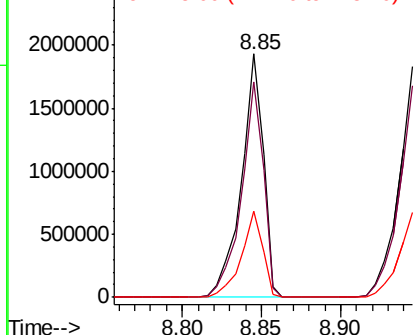


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.974 ng

RT: 8.95 min Scan# 1166

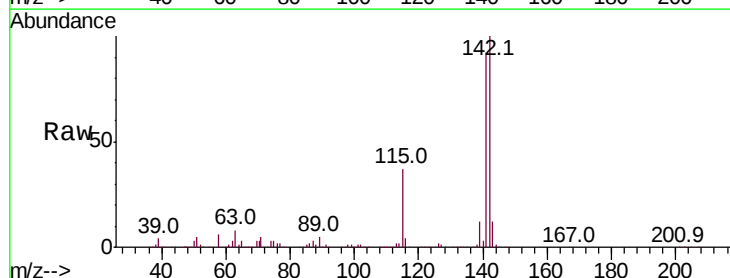
Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion:142 Resp: 1760846

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.1	109.7
116	3.7	3.0	4.6

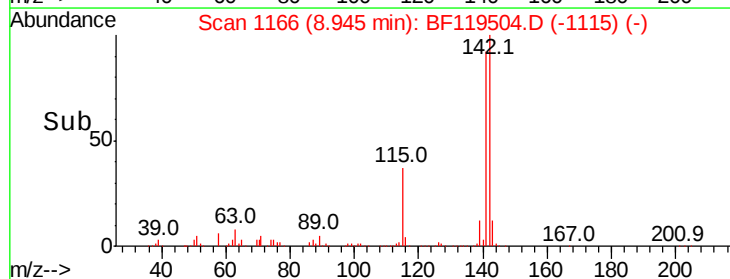
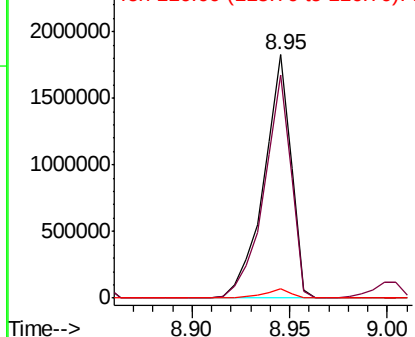


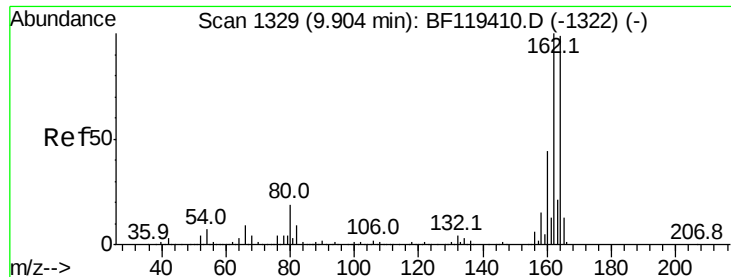
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

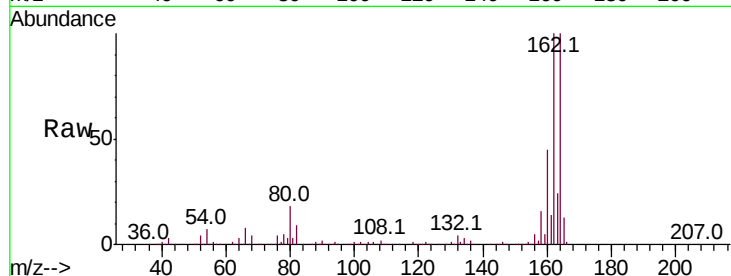




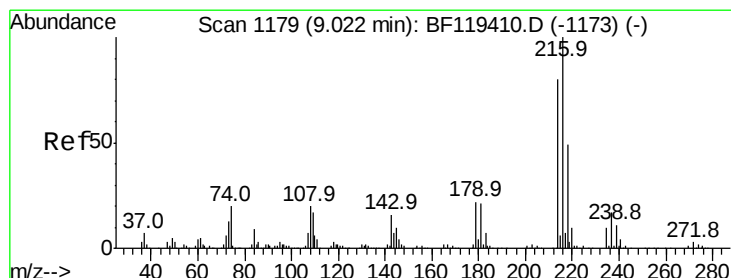
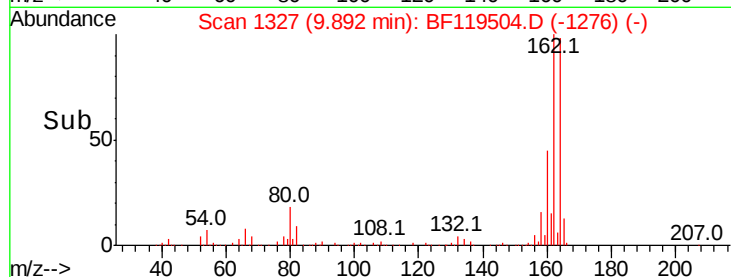
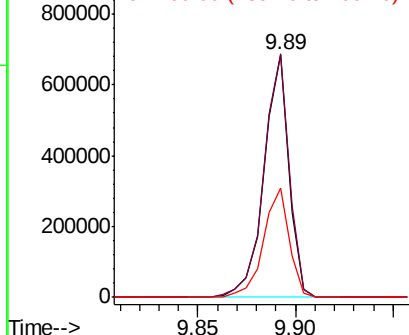
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion:164 Resp: 605343
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.7 121.1
 160 45.1 35.5 53.3

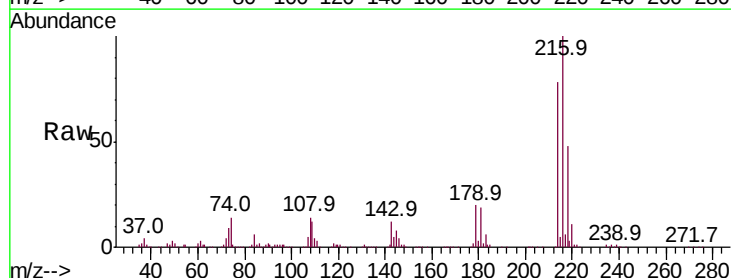


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

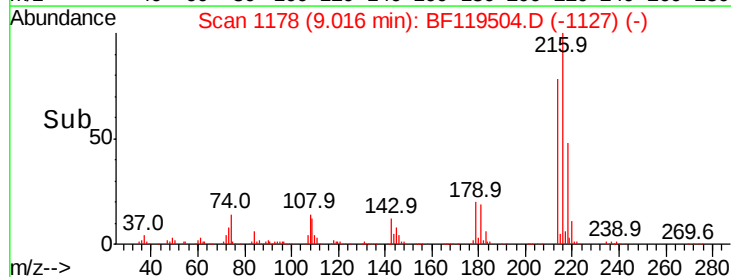
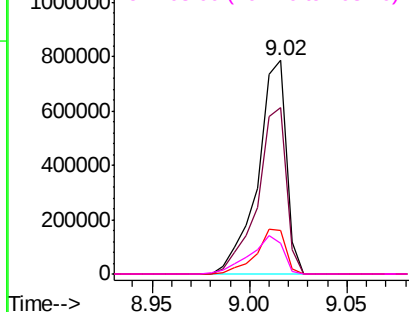


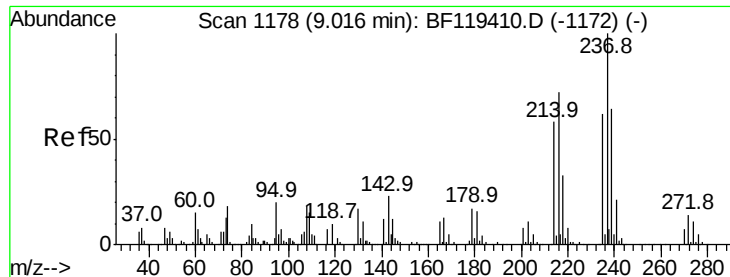
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.061 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Tgt Ion:216 Resp: 799520
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.0 94.6
 179 21.4 17.0 25.4
 108 20.8 15.4 23.0



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





#41

Hexachlorocyclopentadiene

Concen: 99.931 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

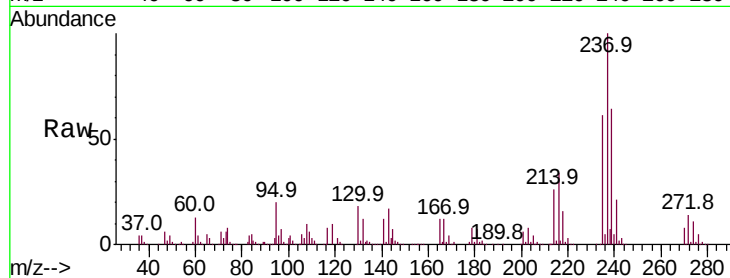
Tot Ion:237 Resp: 1008021

Ion Ratio Lower Upper

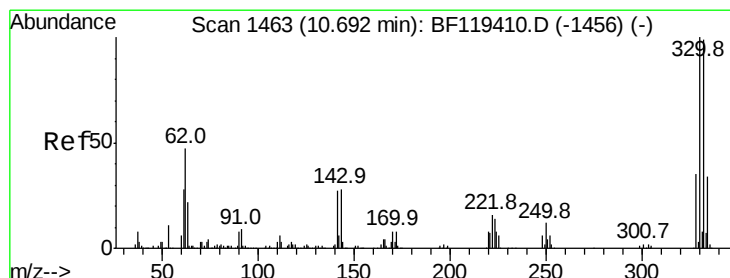
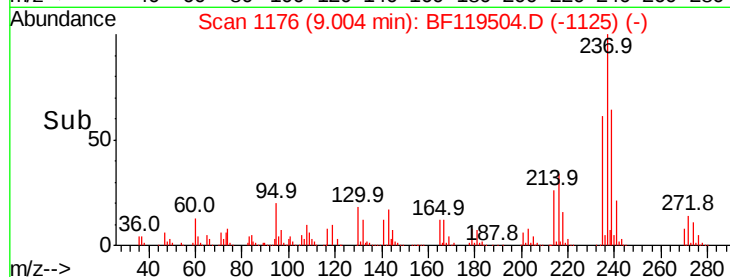
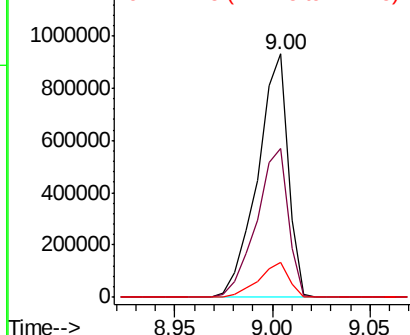
237 100

235 61.3 42.5 82.5

272 14.3 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: 138.782 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

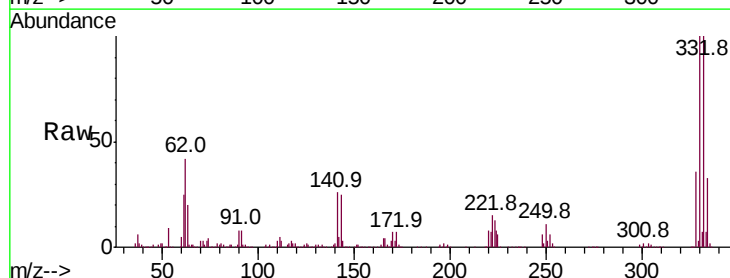
Tgt Ion:330 Resp: 866707

Ion Ratio Lower Upper

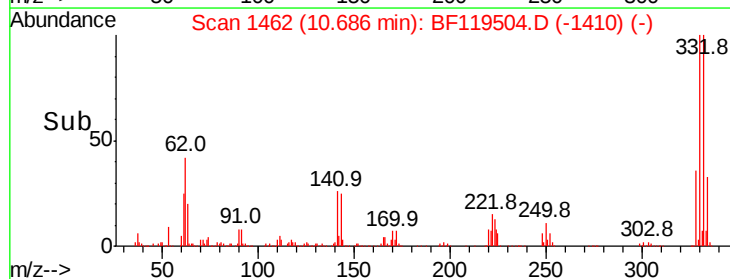
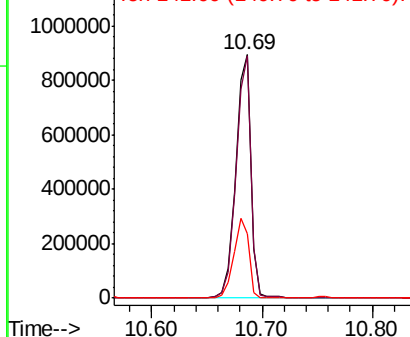
330 100

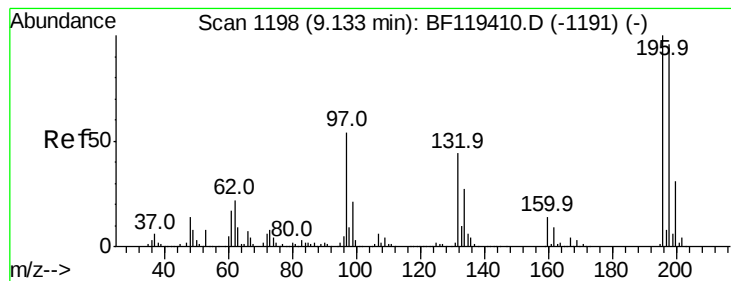
332 97.5 77.6 116.4

141 32.4 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: 48.385 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

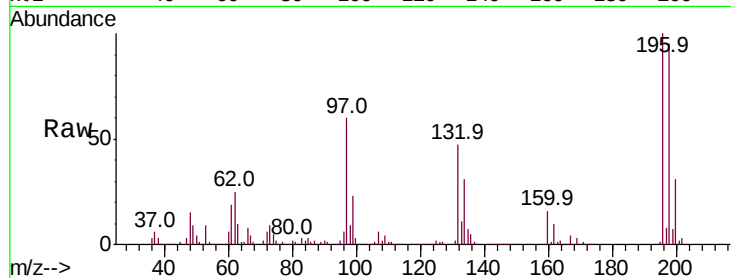
Tot Ion:196 Resp: 614360

Ion Ratio Lower Upper

196 100

198 95.2 77.0 115.4

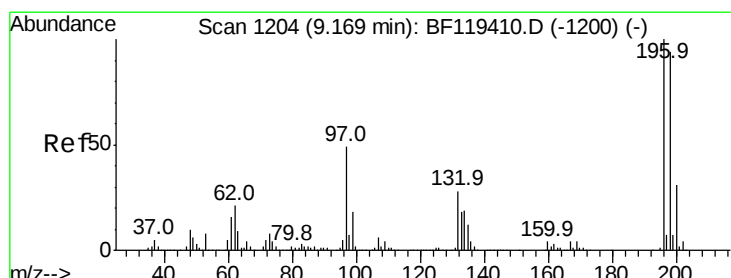
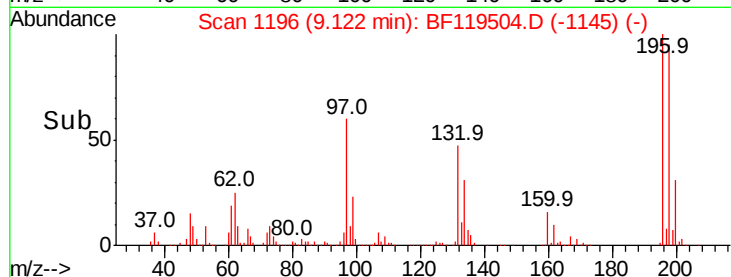
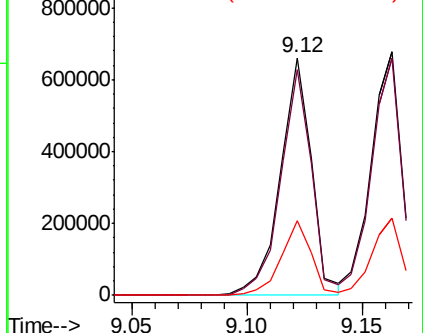
200 31.4 25.1 37.7



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: 44.172 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion:196 Resp: 628301

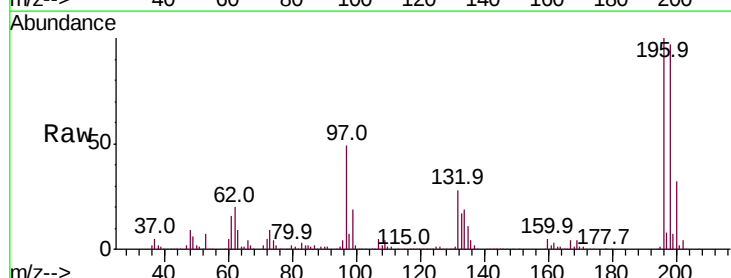
Ion Ratio Lower Upper

196 100

198 97.2 75.3 112.9

97 48.6 39.0 58.4

132 28.3 22.9 34.3

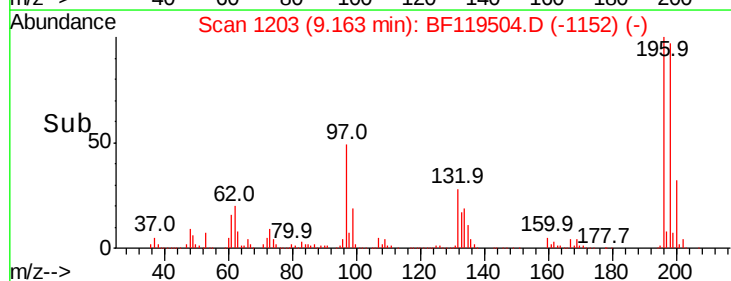
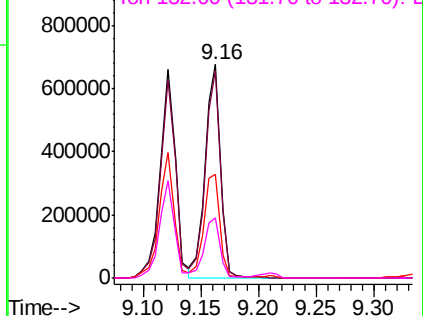


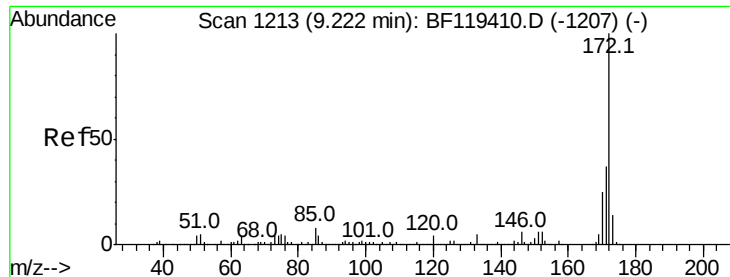
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

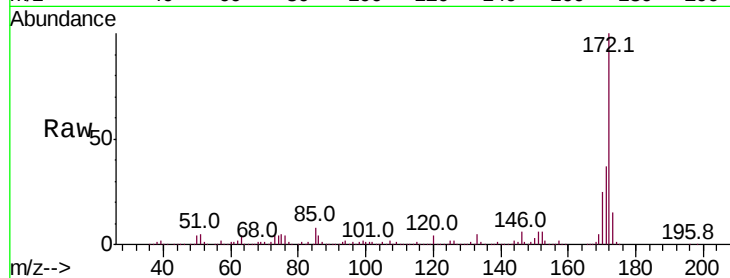




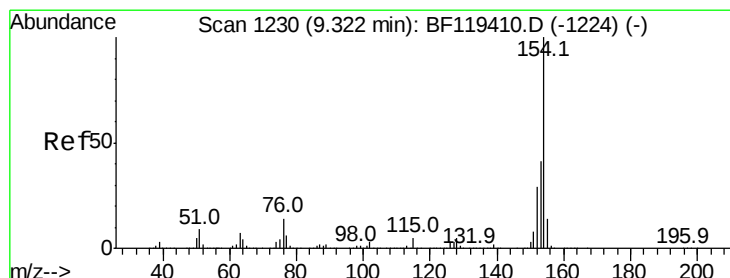
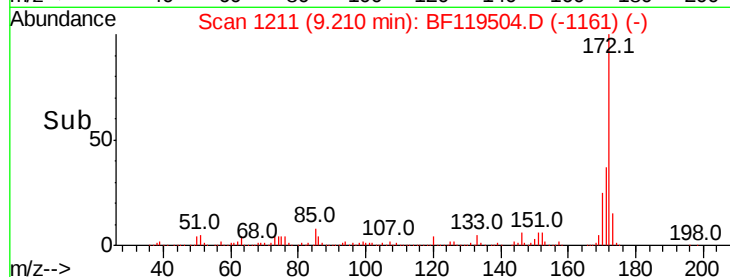
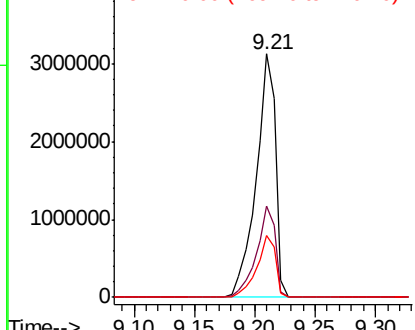
#45
2-Fluorobiphenyl
Concen: 85.562 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:172 Resp: 3496153
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 25.3 20.1 30.1

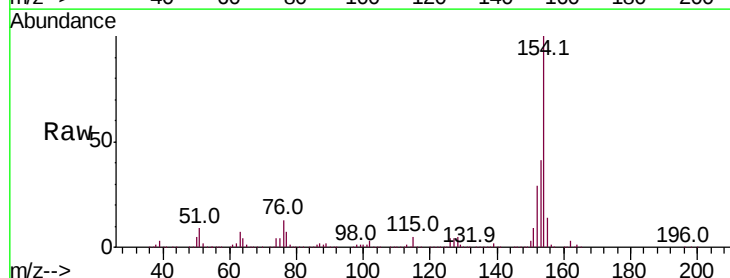


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

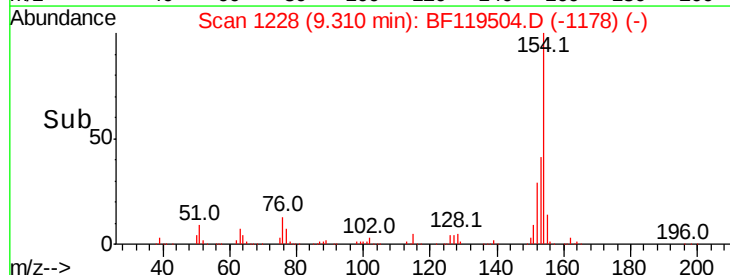
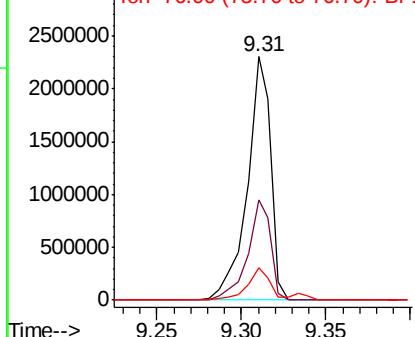


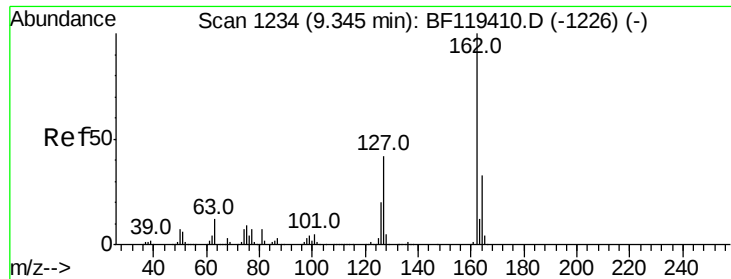
#46
1,1'-Biphenyl
Concen: 45.241 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:154 Resp: 2230488
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 13.4 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: 44.935 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

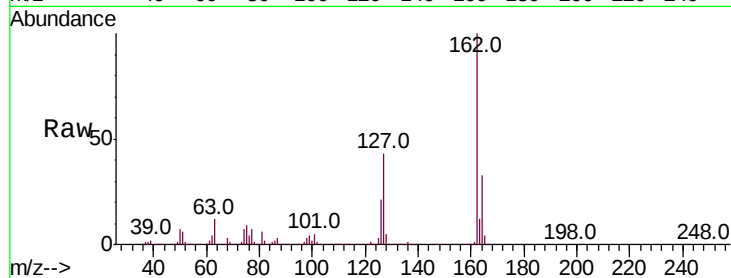
Tot Ion:162 Resp: 1735341

Ion Ratio Lower Upper

162 100

127 42.7 33.7 50.5

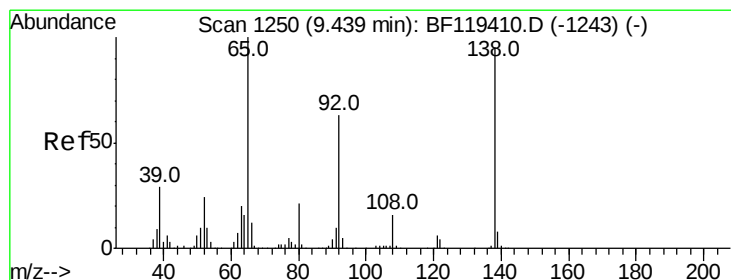
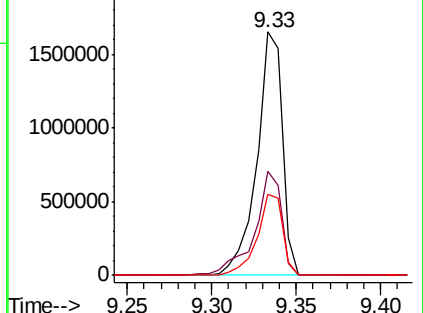
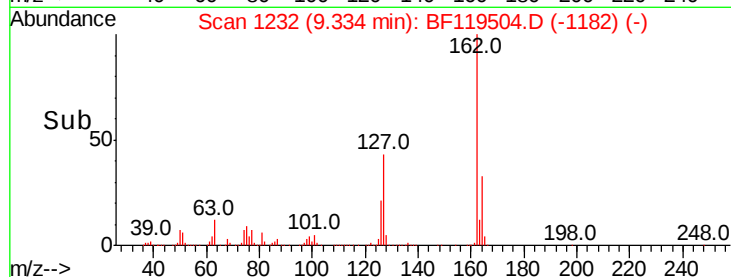
164 33.4 26.2 39.4



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: 48.166 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

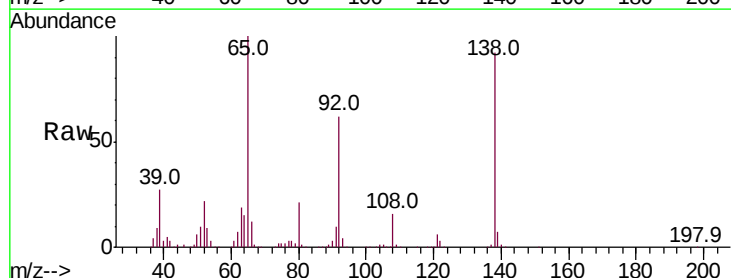
Tgt Ion: 65 Resp: 642040

Ion Ratio Lower Upper

65 100

92 62.4 50.5 75.7

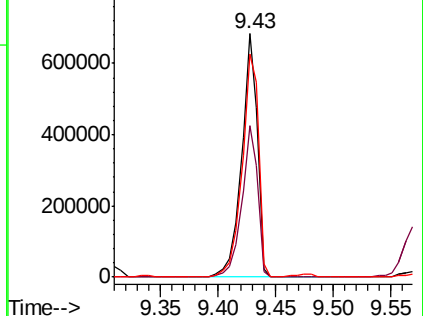
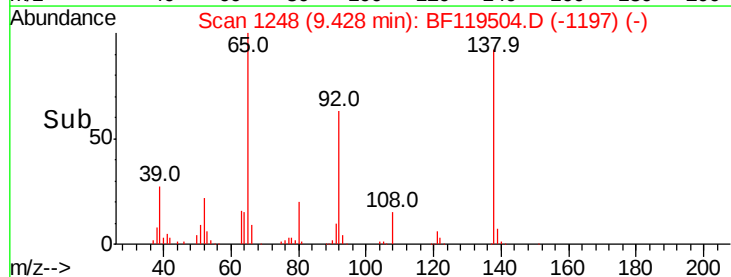
138 91.6 75.8 113.8

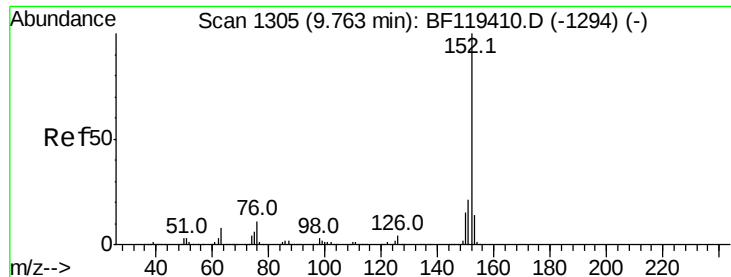


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.548 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

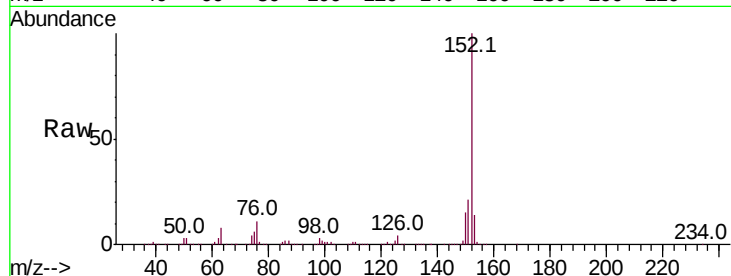
Tot Ion:152 Resp: 2701662

Ion Ratio Lower Upper

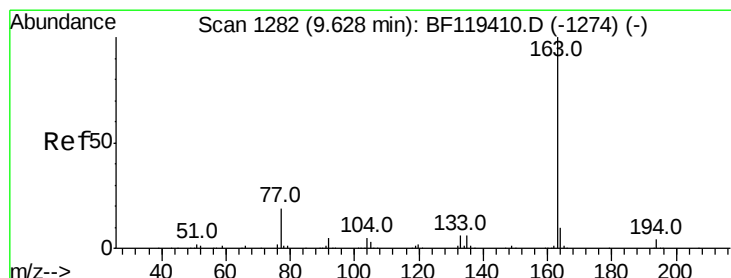
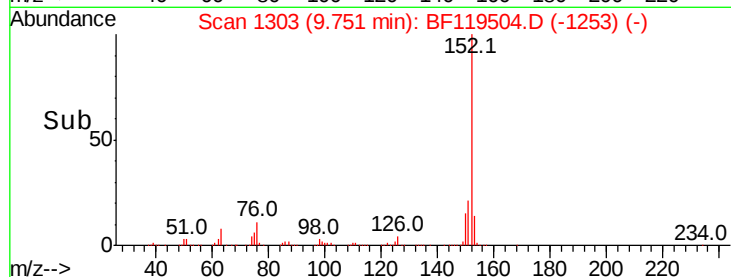
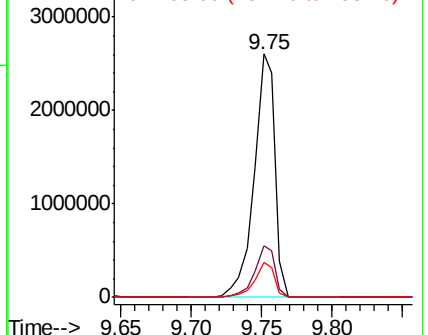
152 100

151 21.3 16.8 25.2

153 14.2 11.2 16.8



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



#50

Dimethylphthalate

Concen: 47.142 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

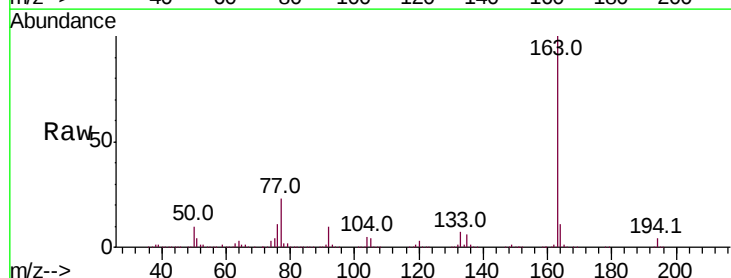
Tgt Ion:163 Resp: 2026996

Ion Ratio Lower Upper

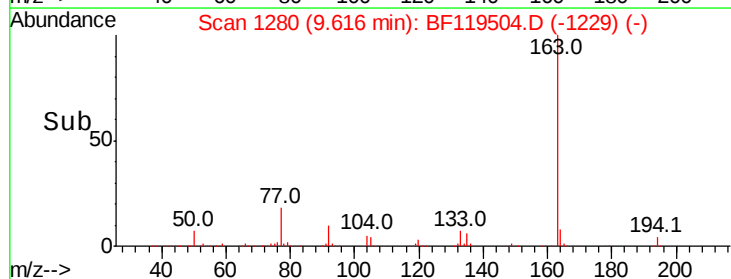
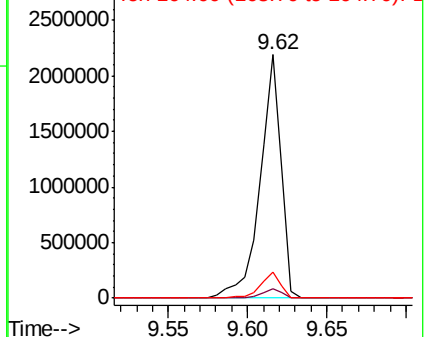
163 100

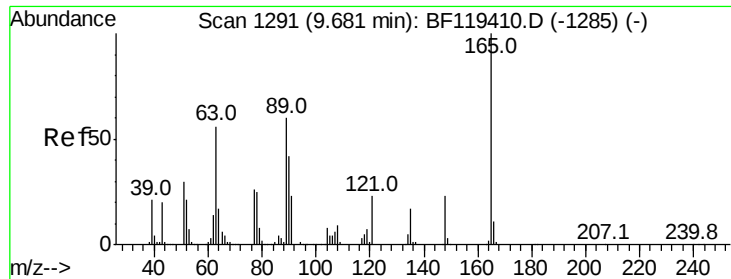
194 4.0 3.2 4.8

164 10.8 8.1 12.1



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

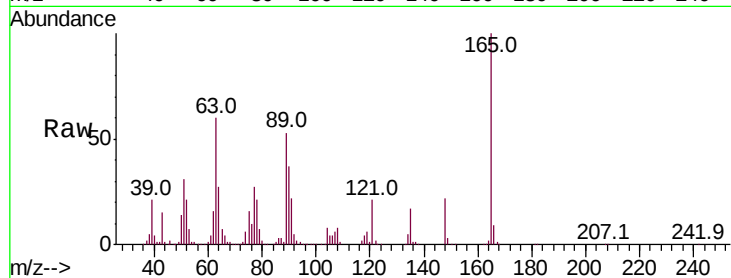




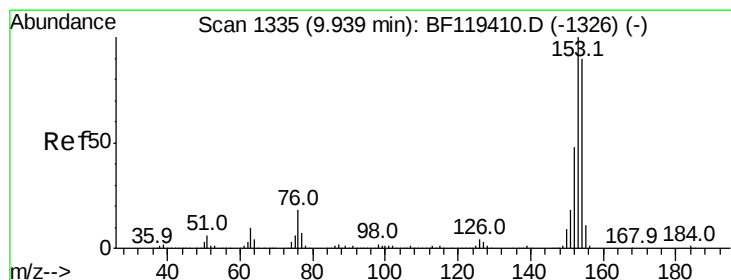
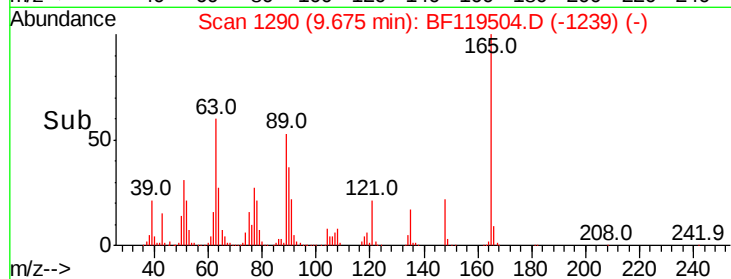
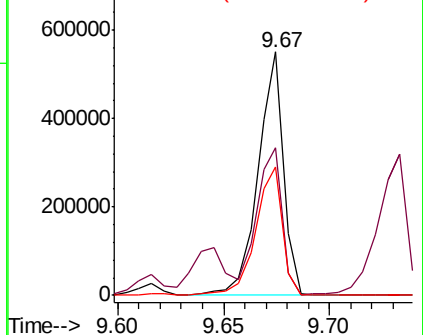
#51
 2,6-Dinitrotoluene
 Concen: 49.964 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion:165 Resp: 460480
 Ion Ratio Lower Upper
 165 100
 63 60.4 57.3 85.9
 89 52.5 47.8 71.8

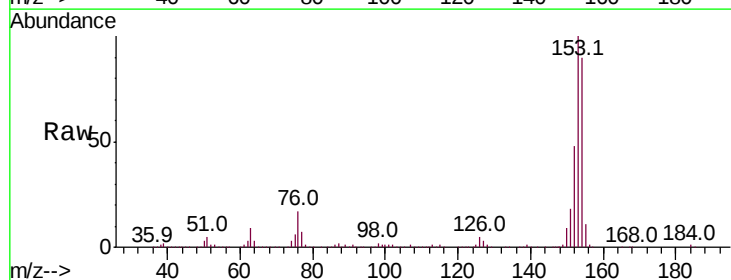


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

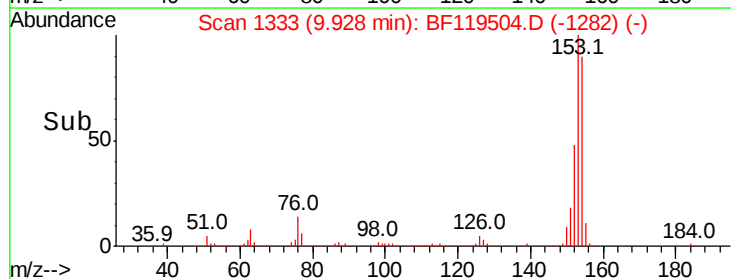
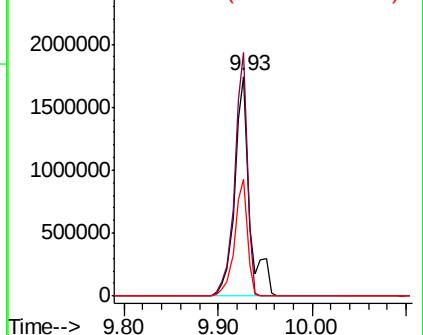


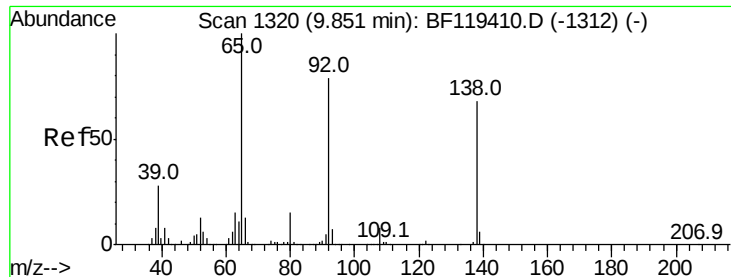
#52
 Acenaphthene
 Concen: 50.962 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Tgt Ion:154 Resp: 1926730
 Ion Ratio Lower Upper
 154 100
 153 111.0 89.0 133.6
 152 53.5 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

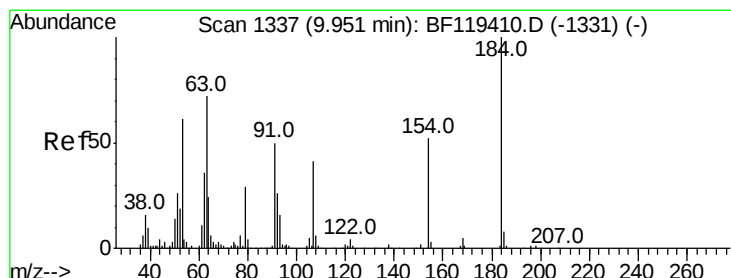
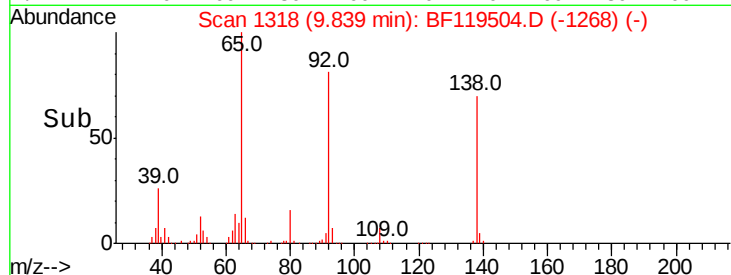
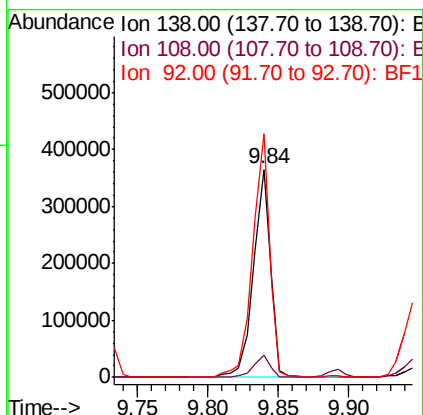
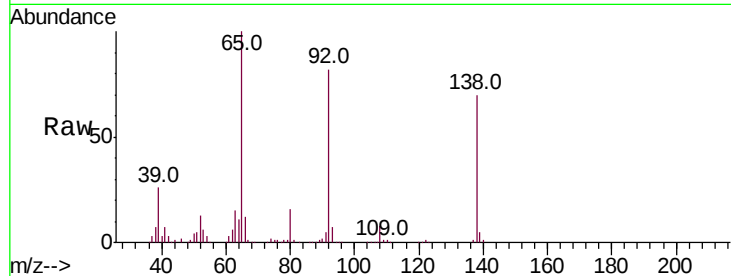




#53
3-Nitroaniline
Concen: 26.932 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

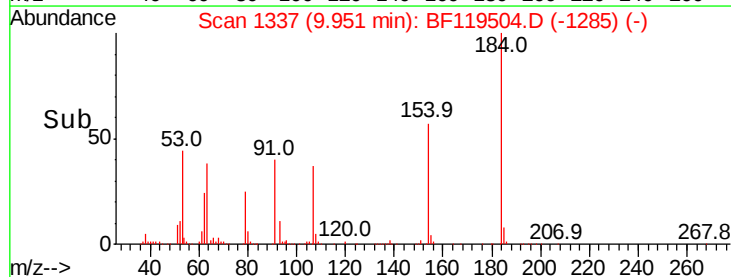
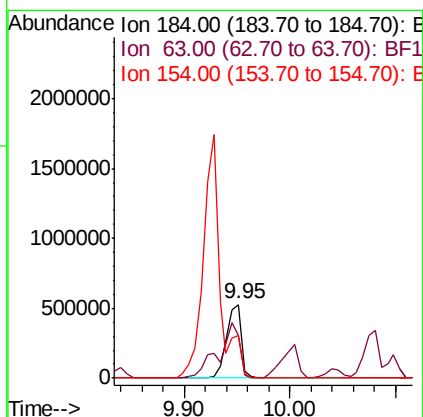
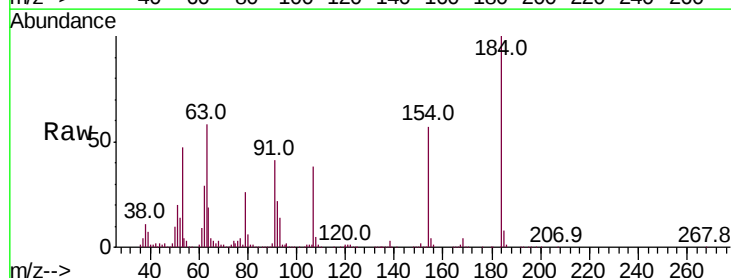
Instrument :
BNA_F
ClientSampleId :
PB127799BS

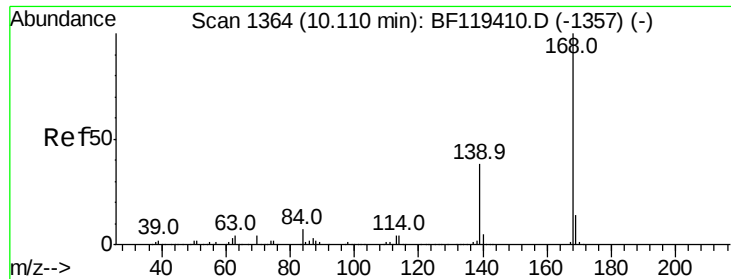
Tot Ion:138 Resp: 313371
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.6
92 117.2 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 124.251 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:184 Resp: 513150
Ion Ratio Lower Upper
184 100
63 58.2 58.5 87.7#
154 57.0 51.8 77.6

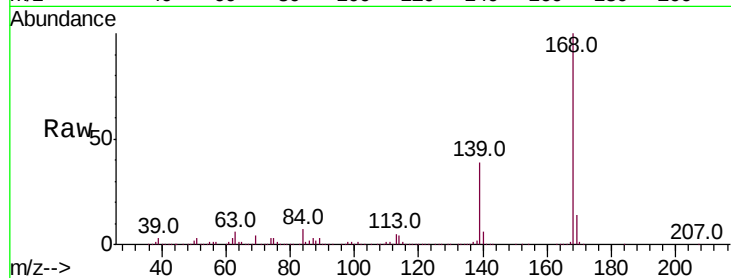




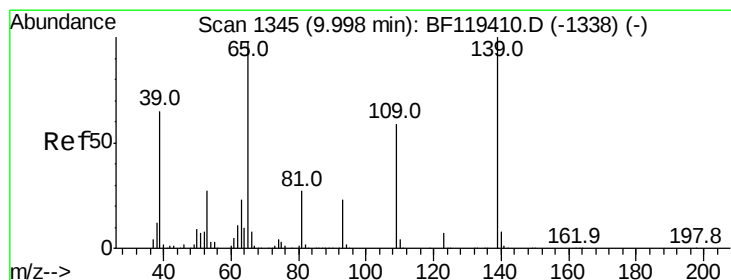
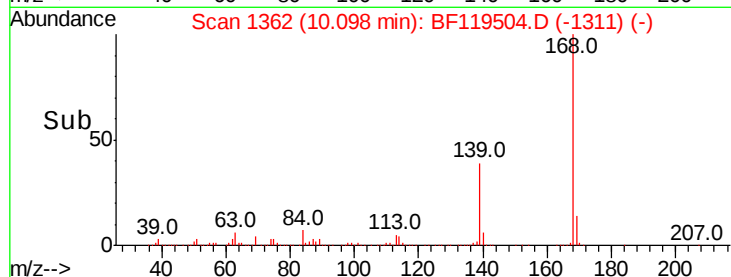
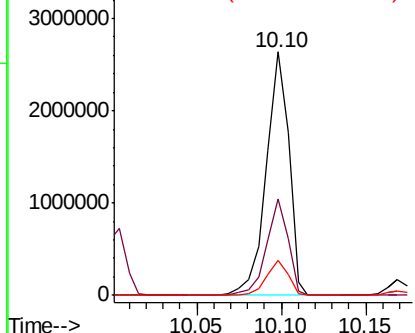
#55
Dibenzofuran
Concen: 45.065 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:168 Resp: 2442788
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.4
169 14.3 11.1 16.7

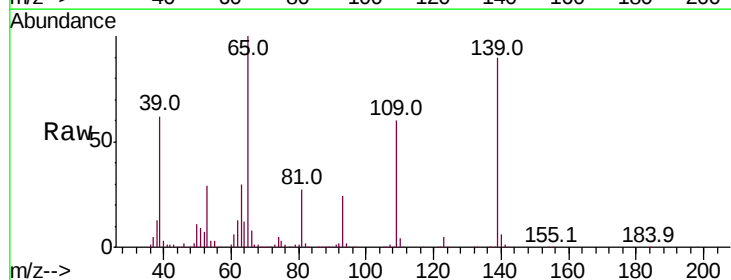


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

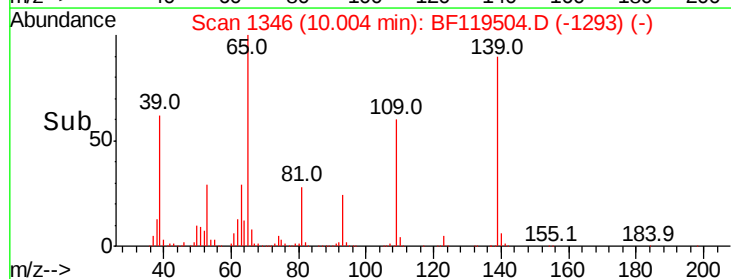
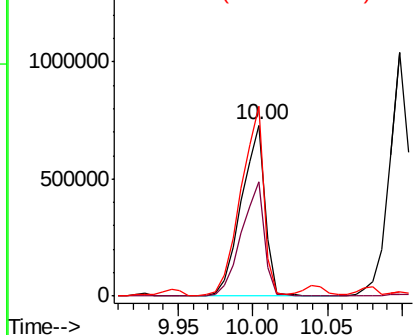


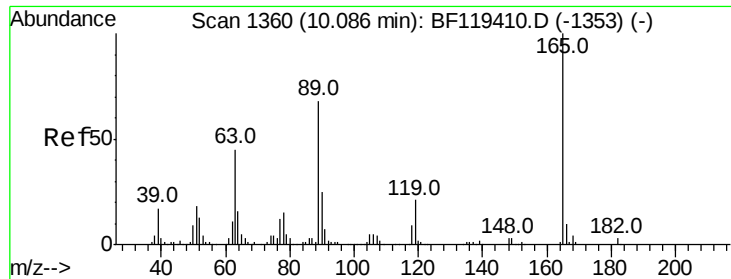
#56
4-Nitrophenol
Concen: 87.889 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:139 Resp: 806722
Ion Ratio Lower Upper
139 100
109 67.2 39.6 79.6
65 111.3 78.3 118.3



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





#57

2,4-Dinitrotoluene

Concen: 52.959 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

Tot Ion:165 Resp: 614856

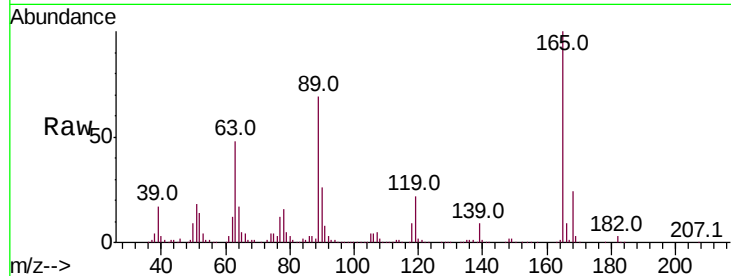
Ion Ratio Lower Upper

165 100

63 48.2 36.2 54.4

89 68.7 54.3 81.5

182 2.7 2.0 3.0

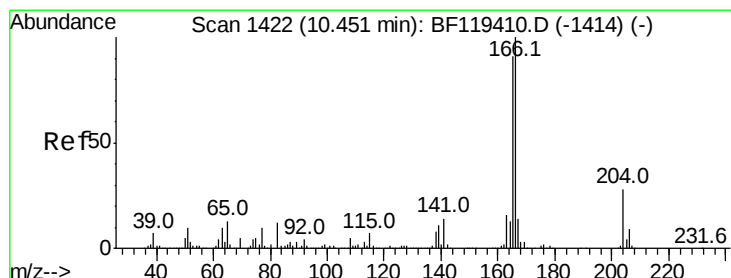
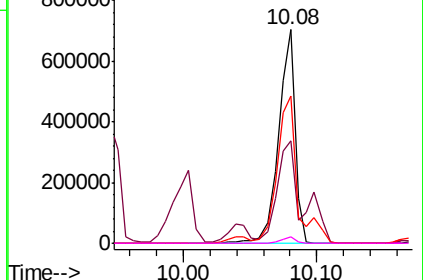
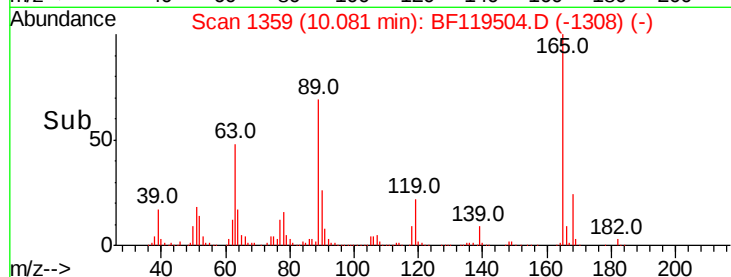


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.897 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

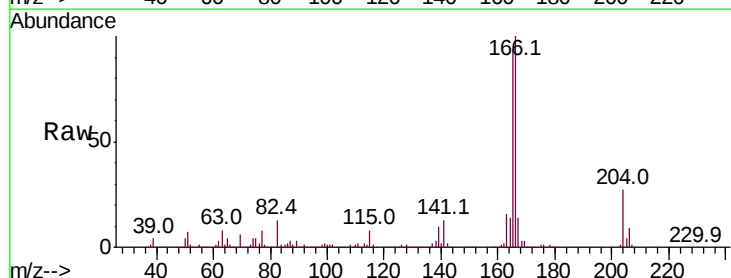
Tgt Ion:166 Resp: 1879877

Ion Ratio Lower Upper

166 100

165 94.1 73.1 109.7

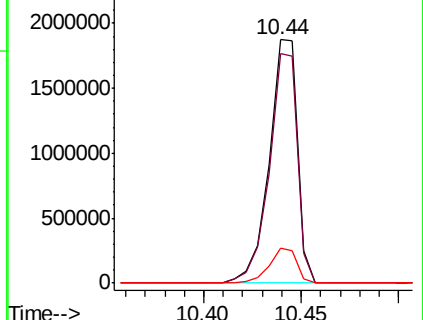
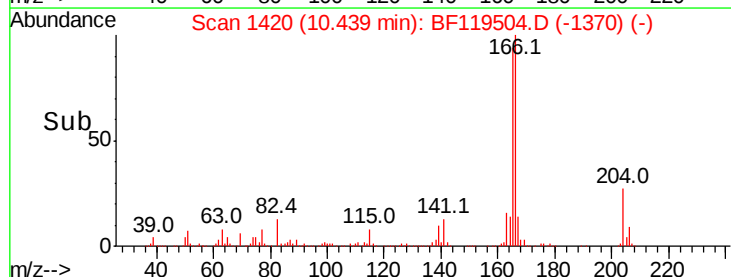
167 14.4 11.0 16.6

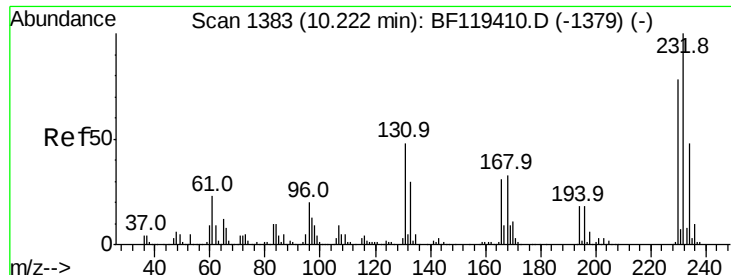


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

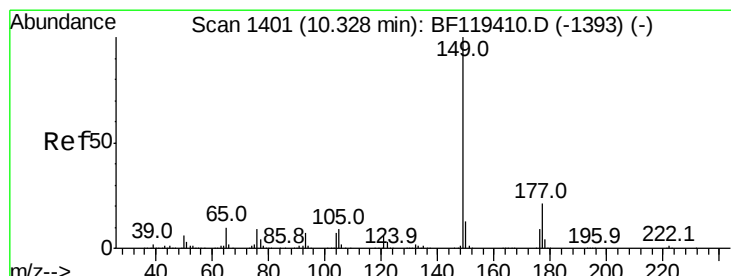
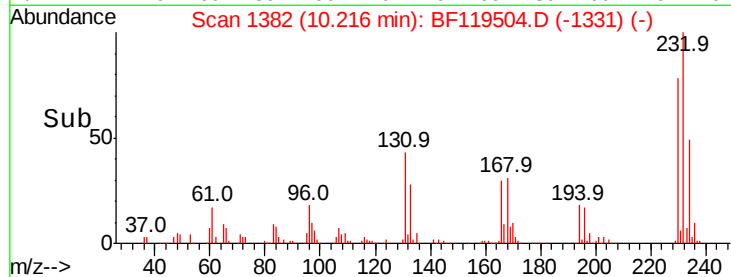
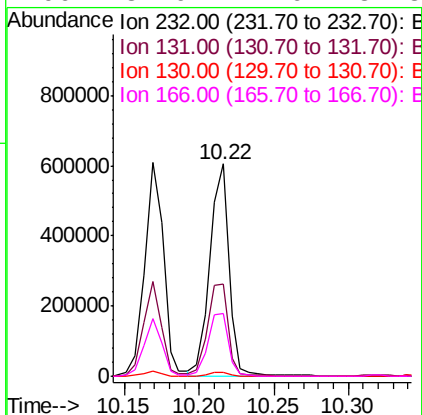
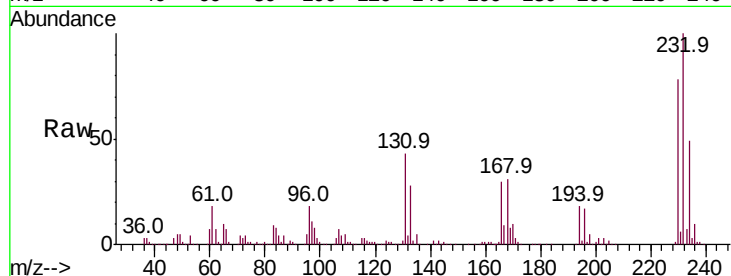




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.586 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

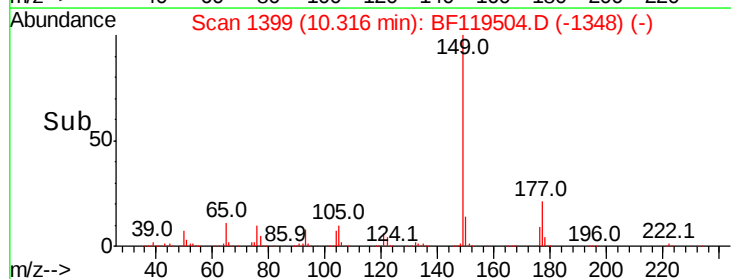
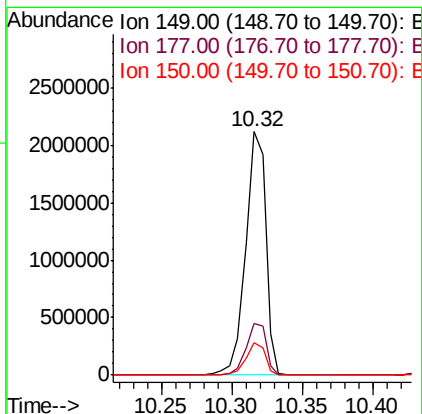
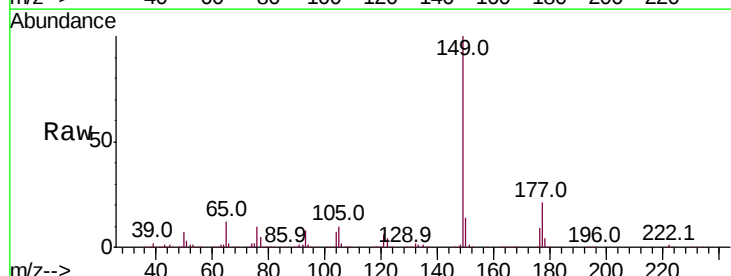
Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

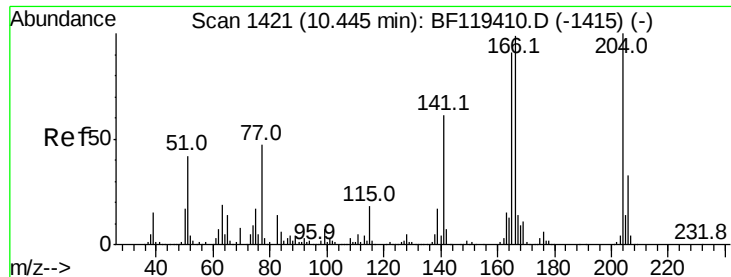
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	36.3	54.5
130	2.2	1.8	2.6
166	31.9	24.9	37.3



#60
 Diethylphthalate
 Concen: 48.769 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	13.5	10.2	15.4

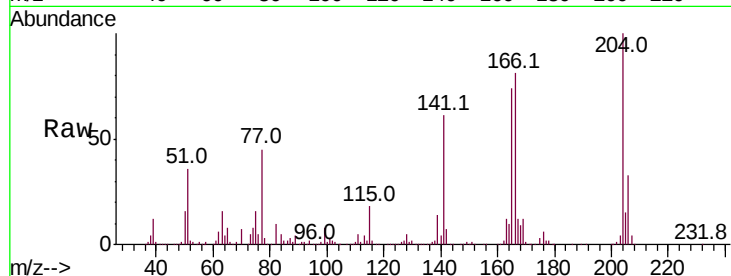




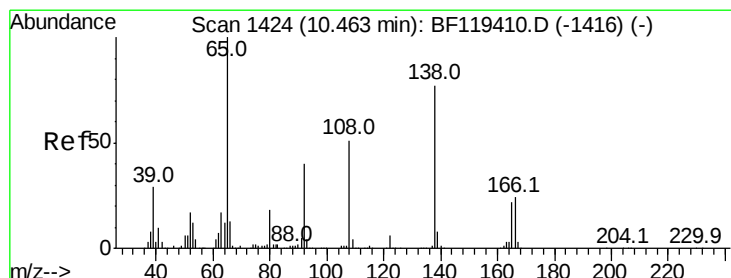
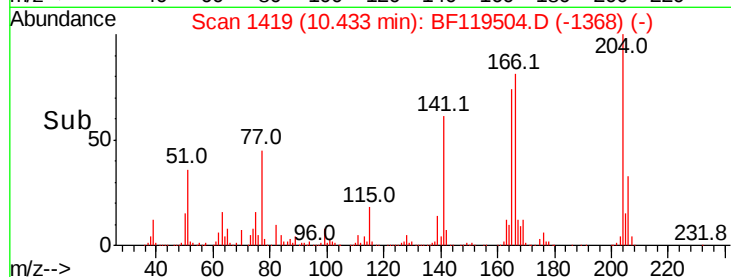
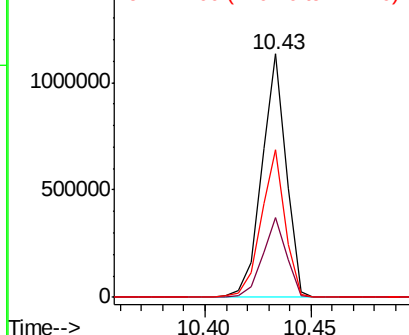
#61
4-Chlorophenyl-phenylether
Concen: 46.219 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:204 Resp: 905984
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 60.9 48.8 73.2

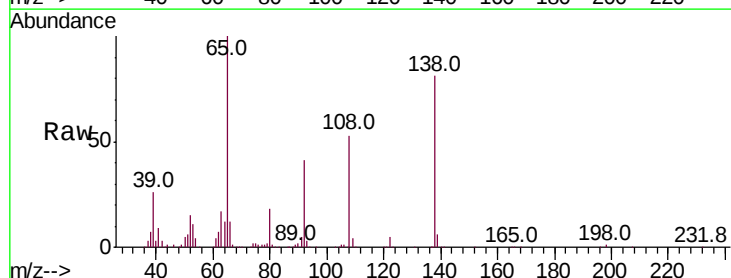


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

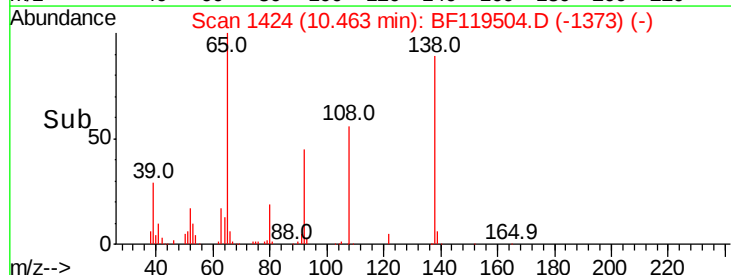
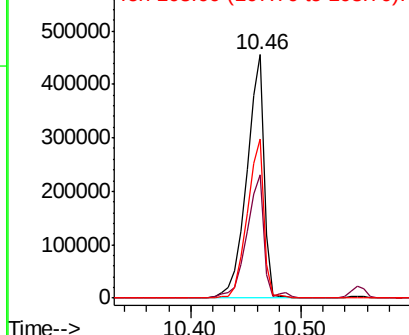


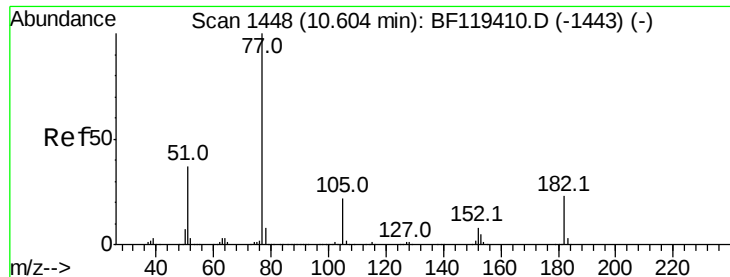
#62
4-Nitroaniline
Concen: 45.013 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:138 Resp: 502233
Ion Ratio Lower Upper
138 100
92 50.9 32.0 72.0
108 65.6 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

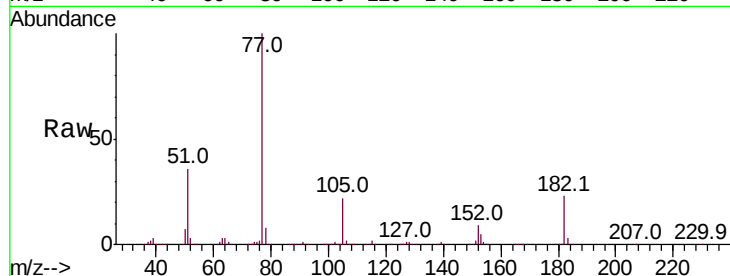




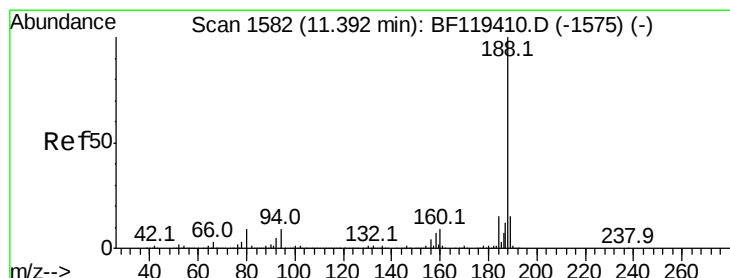
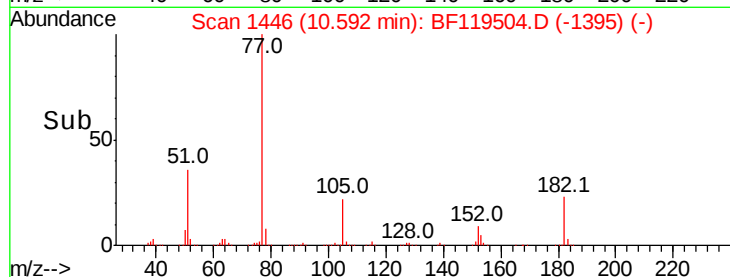
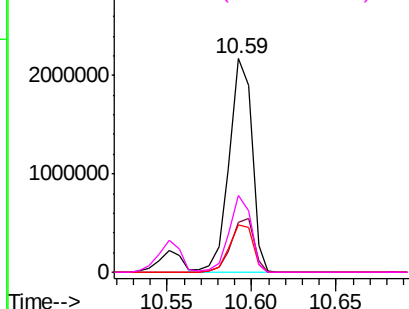
#63
Azobenzene
Concen: 46.196 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion: 77 Resp: 2030138
Ion Ratio Lower Upper
77 100
182 23.5 2.5 42.5
105 22.2 2.5 42.5
51 35.8 17.1 57.1

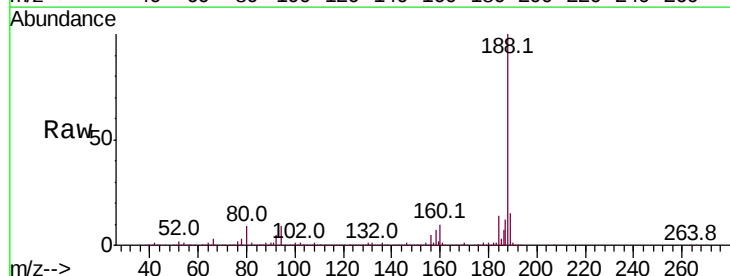


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

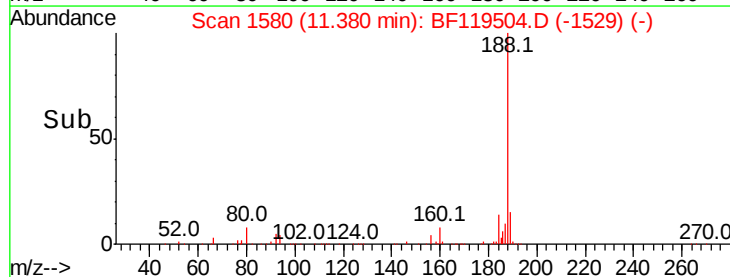
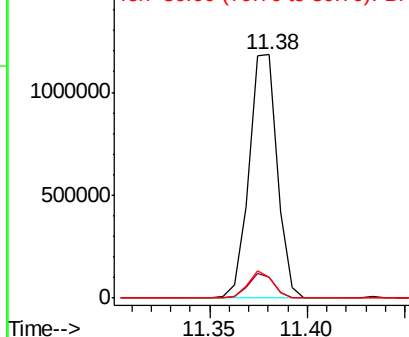


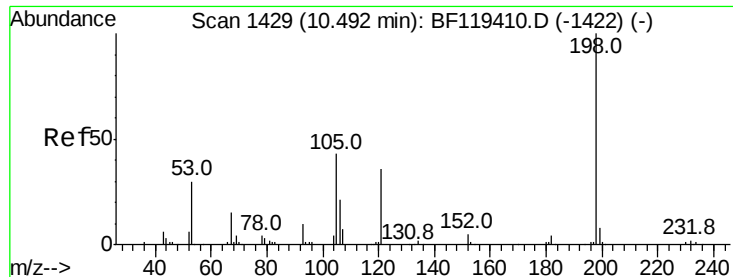
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:188 Resp: 1184928
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 8.8 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: 65.113 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

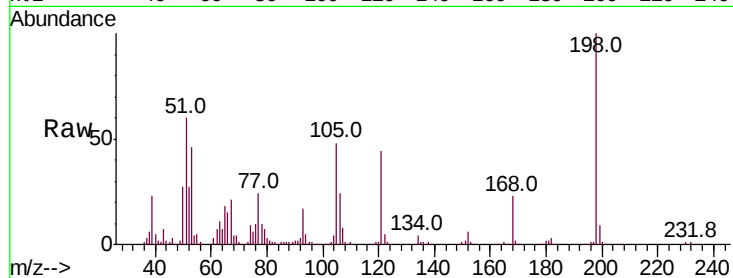
Tot Ion:198 Resp: 323526

Ion Ratio Lower Upper

198 100

51 60.3 33.1 73.1

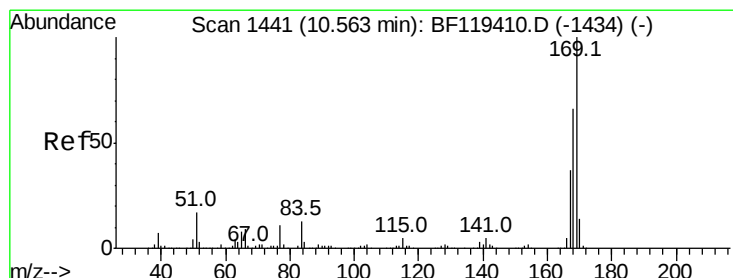
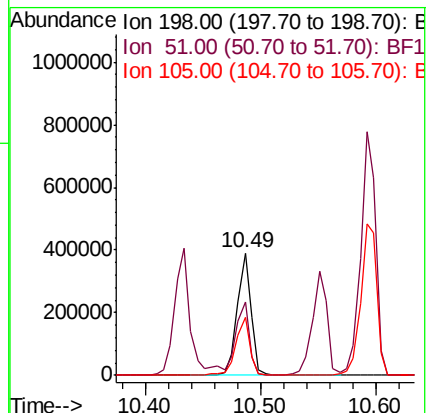
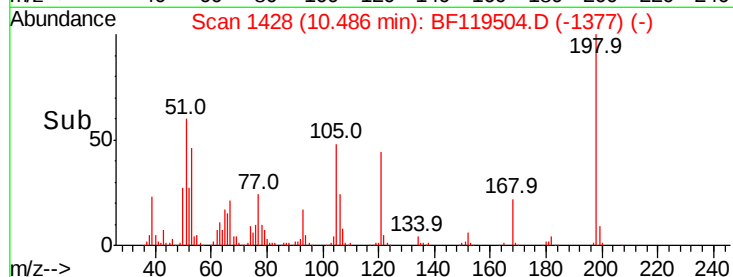
105 47.7 24.1 64.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.033 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

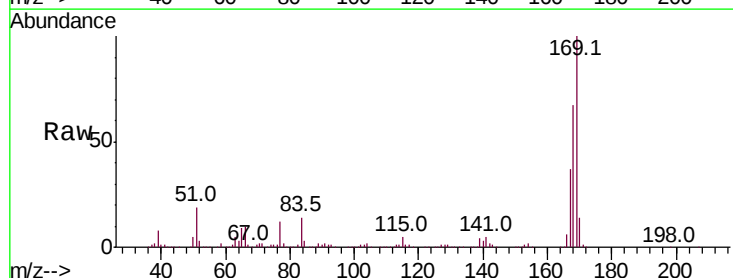
Tgt Ion:169 Resp: 1751745

Ion Ratio Lower Upper

169 100

168 66.8 52.7 79.1

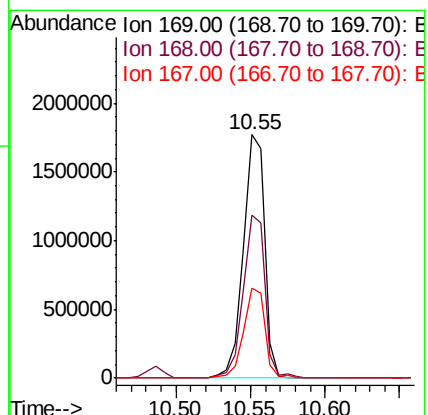
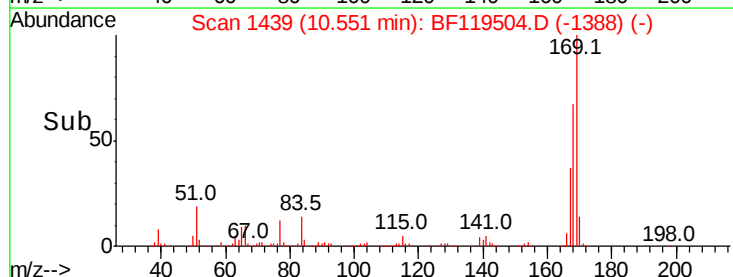
167 37.0 29.3 43.9

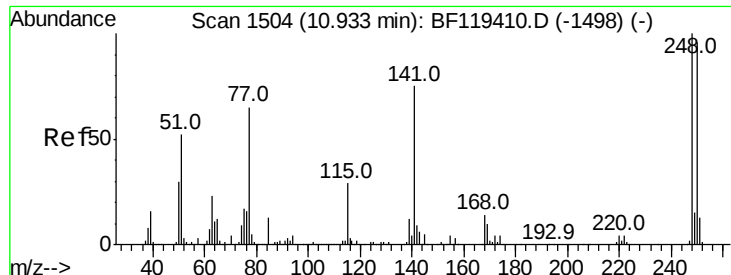


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

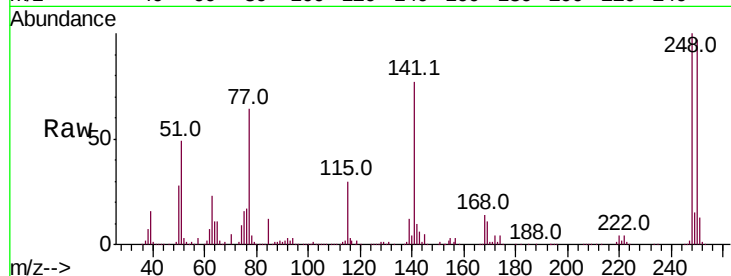




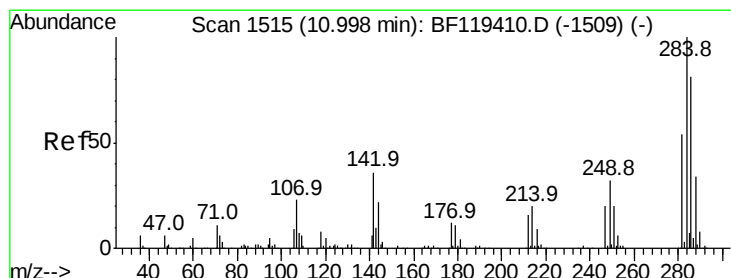
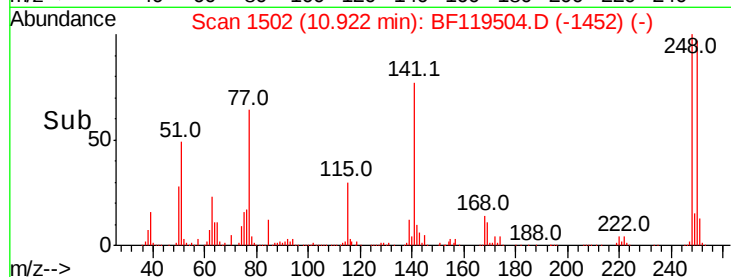
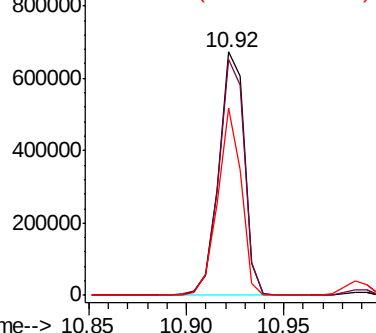
#67
4-Bromophenyl-phenylether
Concen: 45.415 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:248 Resp: 612860
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.6
141 76.9 59.7 89.5

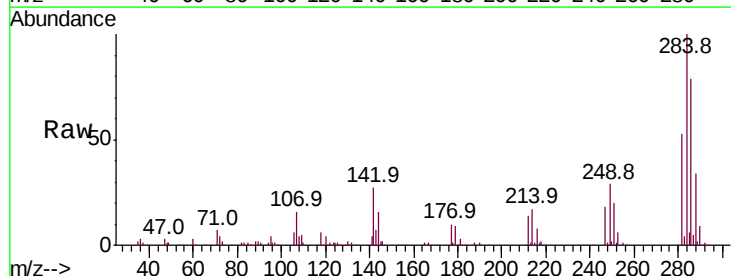


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

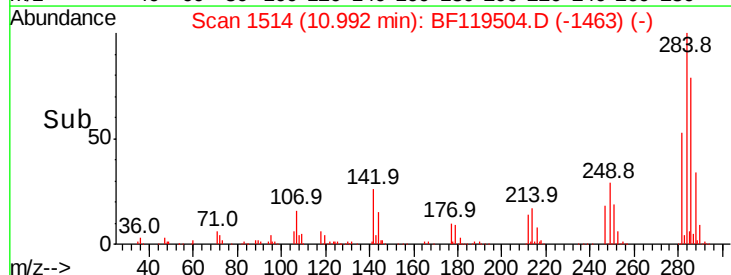
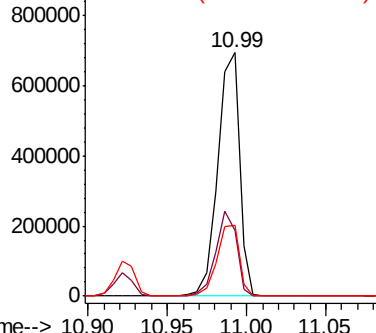


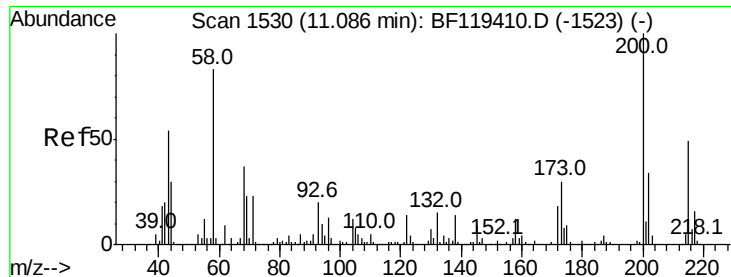
#68
Hexachlorobenzene
Concen: 47.696 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:284 Resp: 658763
Ion Ratio Lower Upper
284 100
142 26.8 28.7 43.1#
249 29.0 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

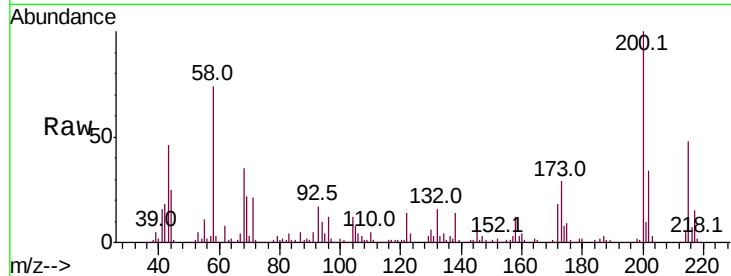




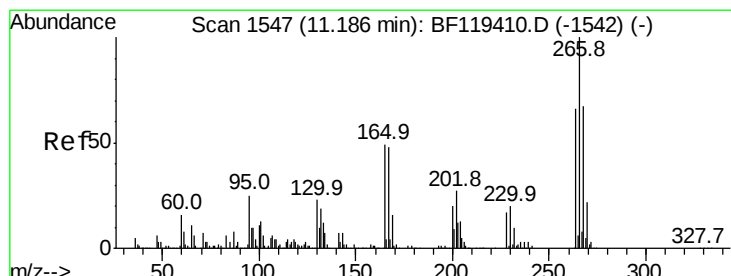
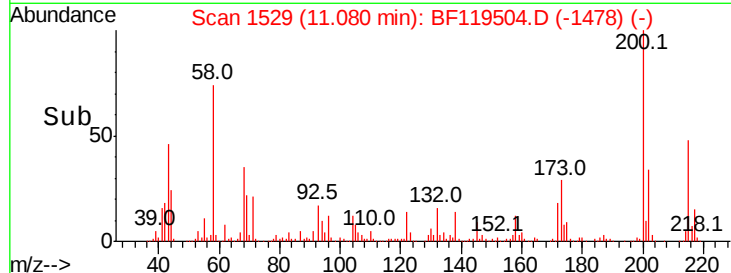
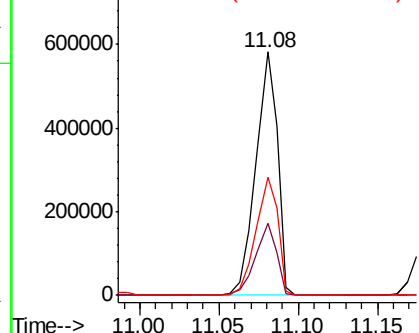
#69
Atrazine
Concen: 51.722 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:200 Resp: 551581
Ion Ratio Lower Upper
200 100
173 29.4 9.9 49.9
215 48.5 29.4 69.4

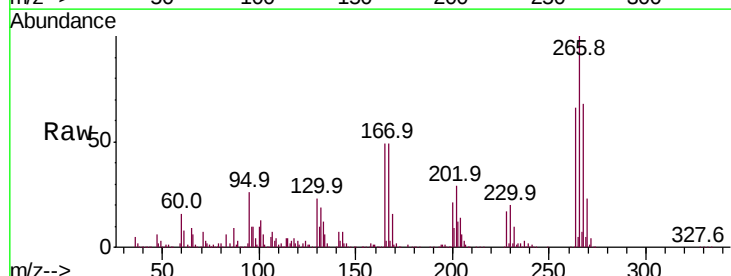


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

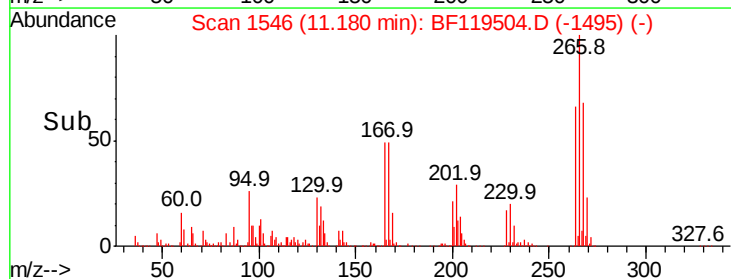
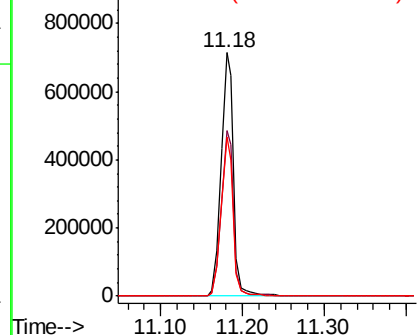


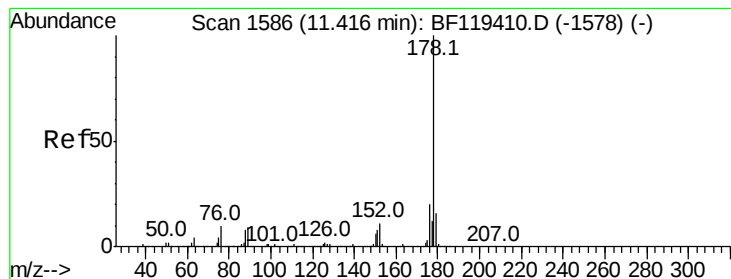
#70
Pentachlorophenol
Concen: 94.048 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:266 Resp: 761652
Ion Ratio Lower Upper
266 100
268 67.8 53.7 80.5
264 65.6 52.5 78.7



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





#71

Phenanthrene

Concen: 44.313 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

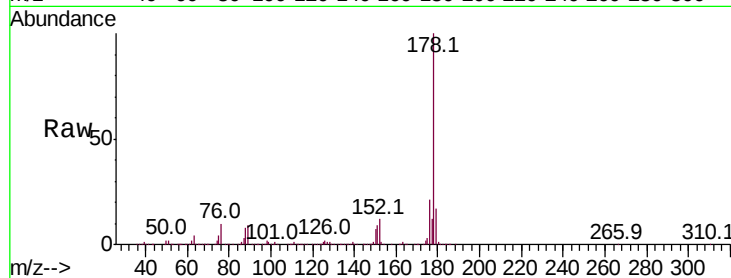
Tot Ion:178 Resp: 2722656

Ion Ratio Lower Upper

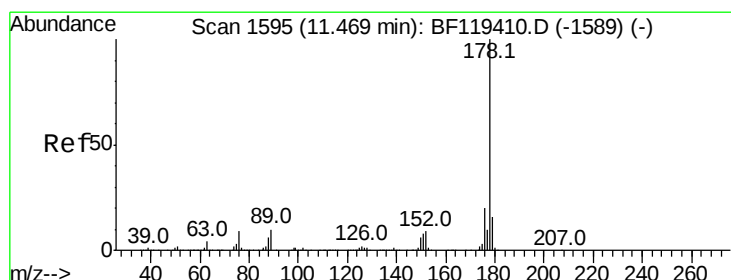
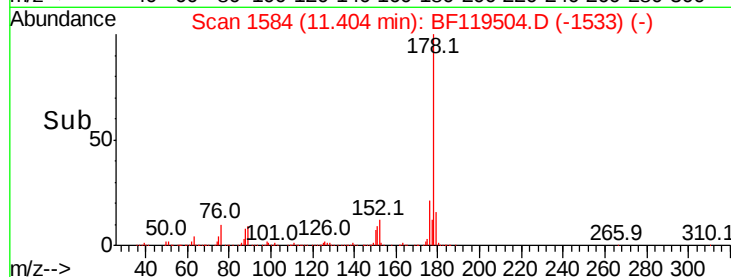
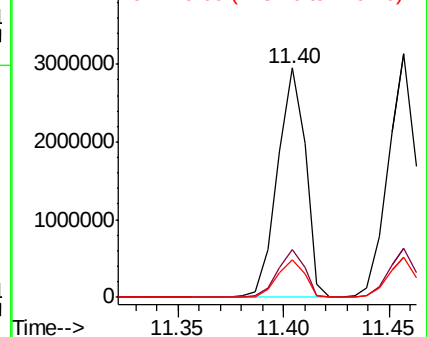
178 100

176 21.1 16.2 24.4

179 16.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.203 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

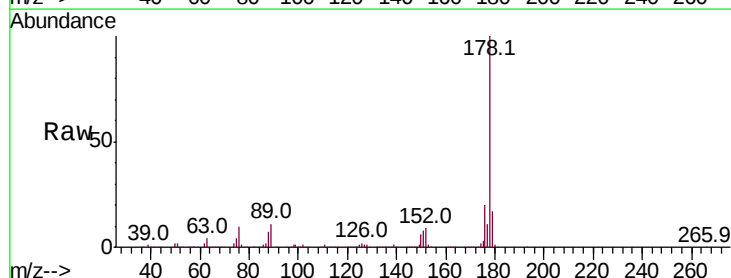
Tgt Ion:178 Resp: 2822723

Ion Ratio Lower Upper

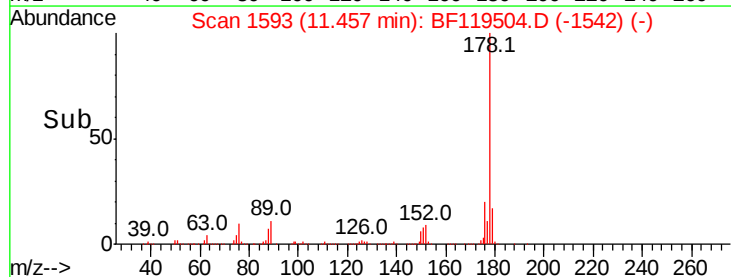
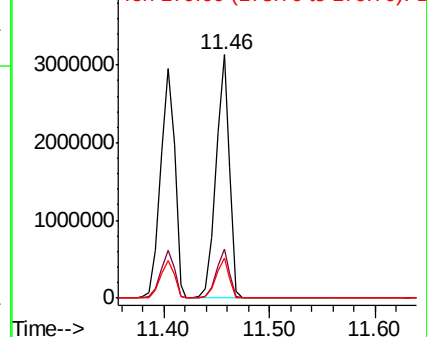
178 100

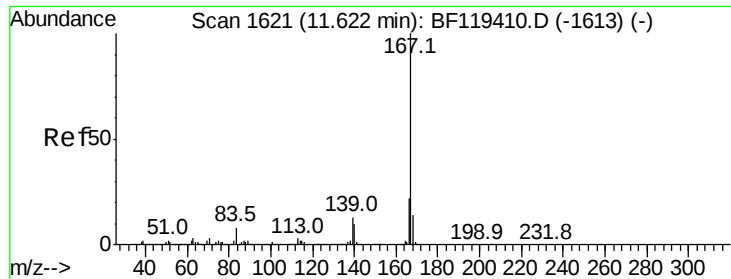
176 20.3 15.6 23.4

179 16.6 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



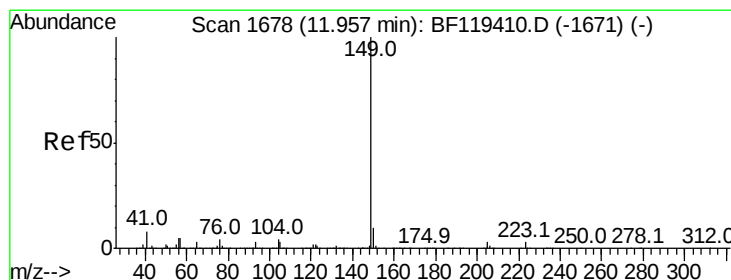
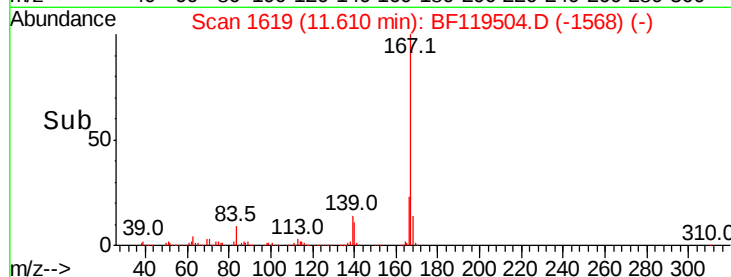
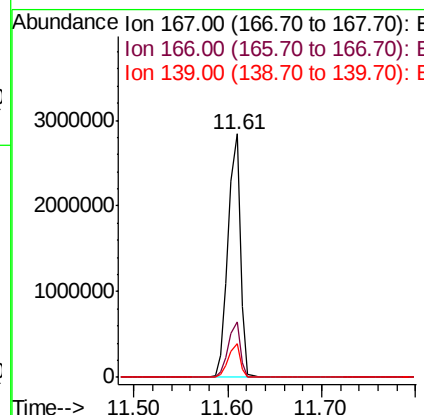
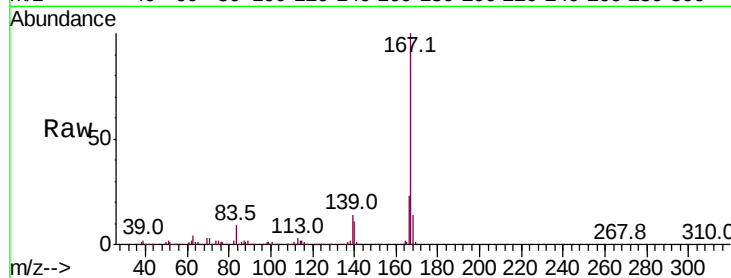


#73
 Carbazole
 Concen: 42.447 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion:167 Resp: 2623577

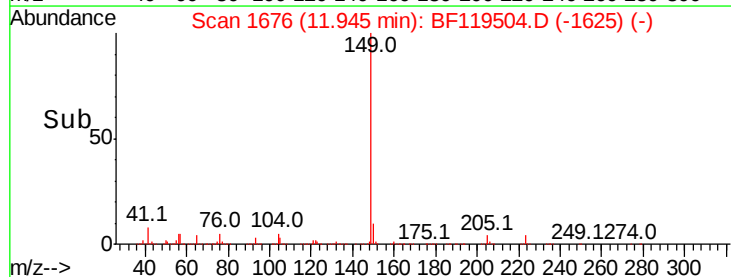
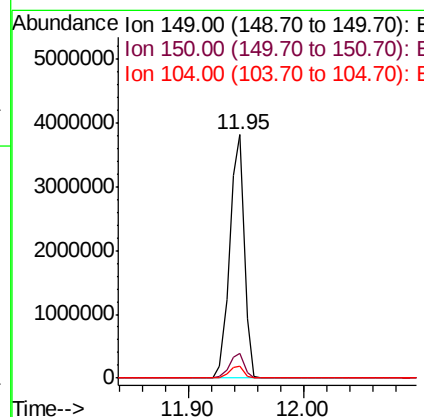
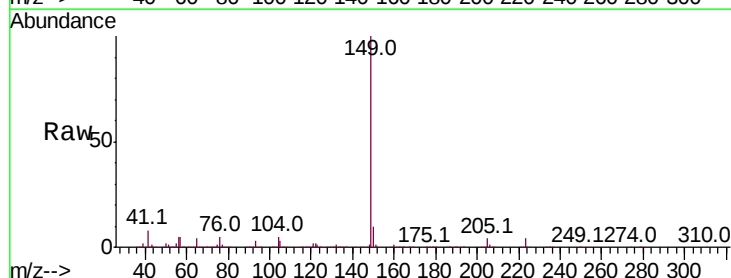
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	13.6	10.2	15.4

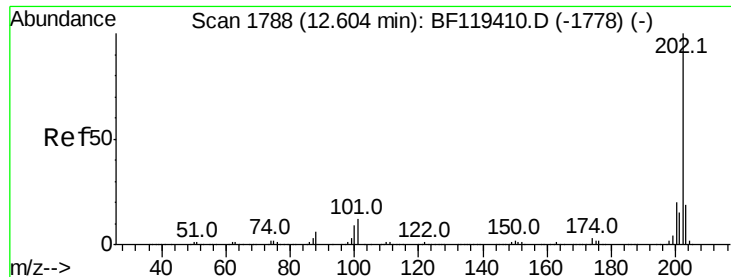


#74
 Di-n-butylphthalate
 Concen: 50.245 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Tgt Ion:149 Resp: 3322183

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.6	11.4
104	4.8	3.5	5.3

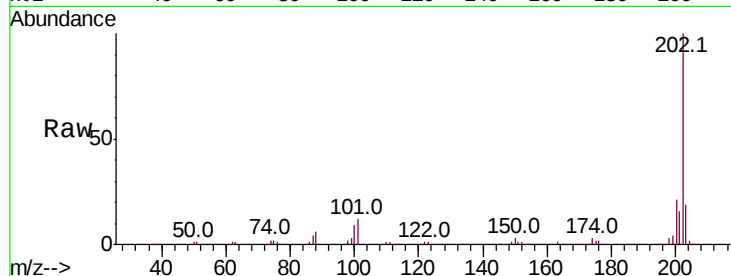




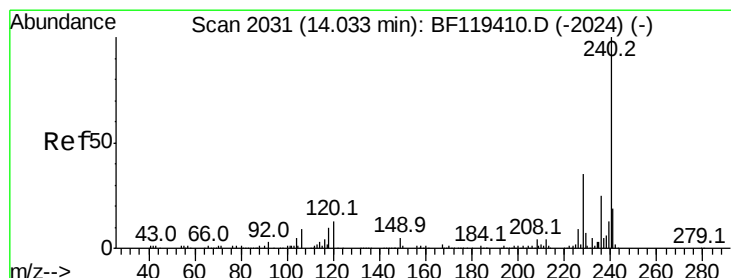
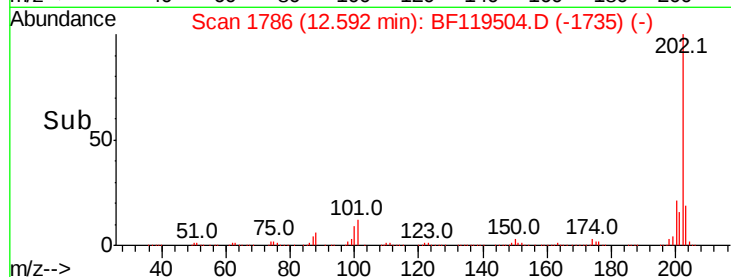
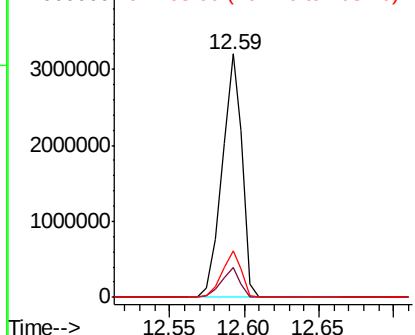
#75
Fluoranthene
Concen: 45.191 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:202 Resp: 3004955
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.4
203 19.4 0.0 38.5

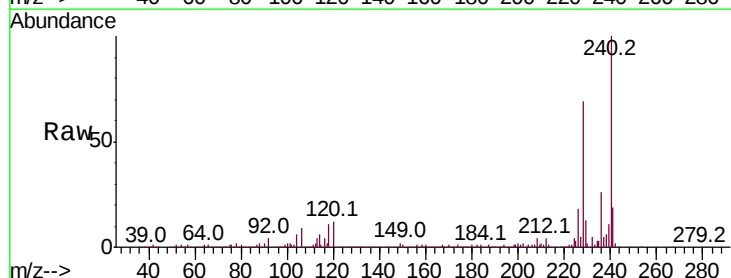


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

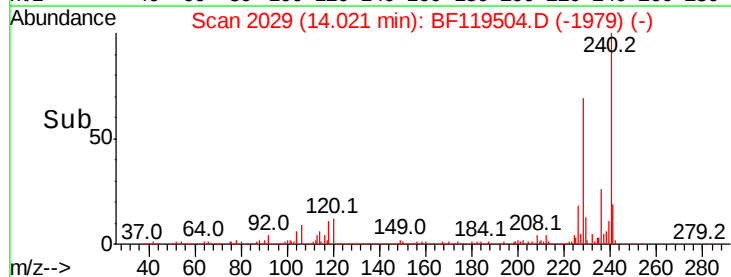
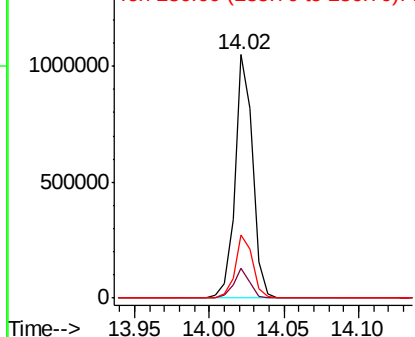


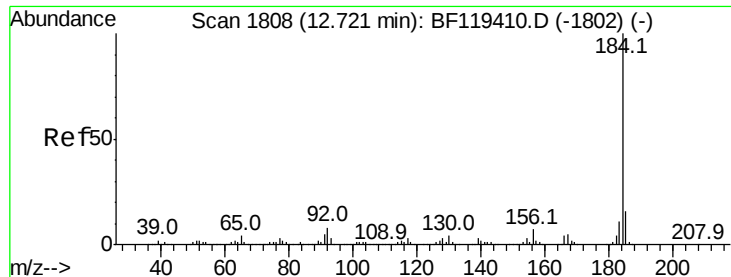
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:240 Resp: 869449
Ion Ratio Lower Upper
240 100
120 12.3 10.2 15.4
236 25.7 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: 39.334 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

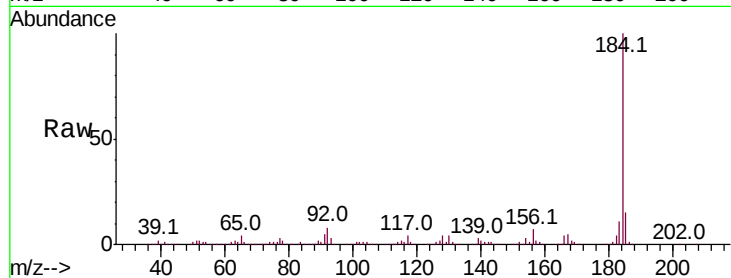
BNA_F

ClientSampleId :

PB127799BS

Tot Ion:184 Resp: 1447297

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.9	19.3
183	11.1	9.0	13.4

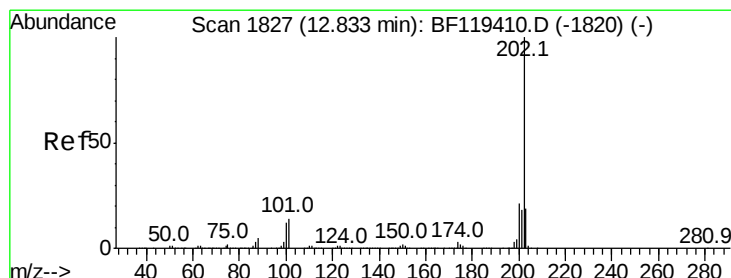
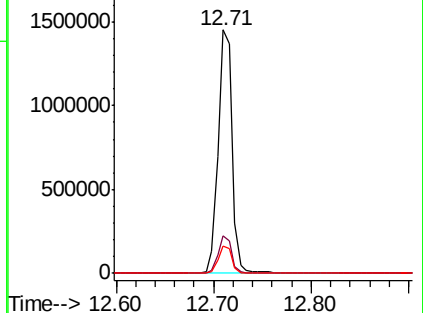
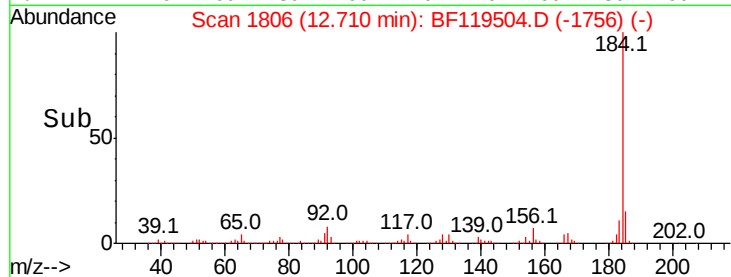


Abundance

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: 43.064 ng

RT: 12.82 min Scan# 1825

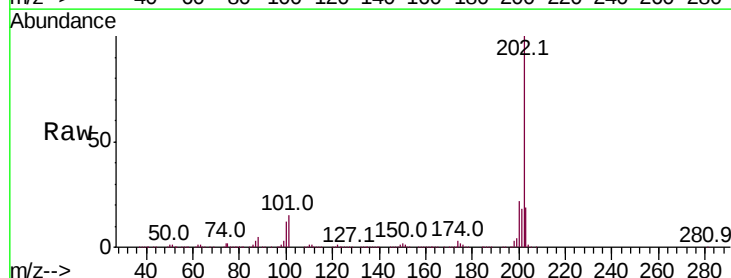
Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion:202 Resp: 3072830

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	19.0	14.8	22.2

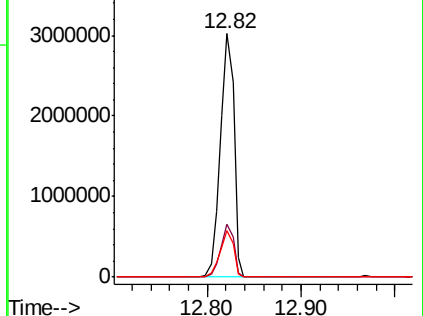
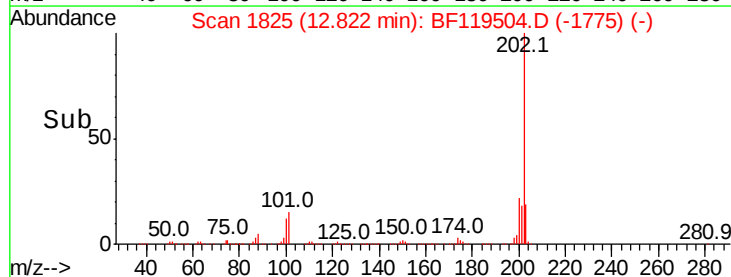


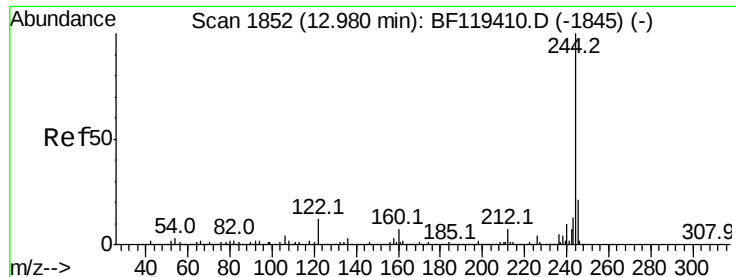
Abundance

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: 91.141 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

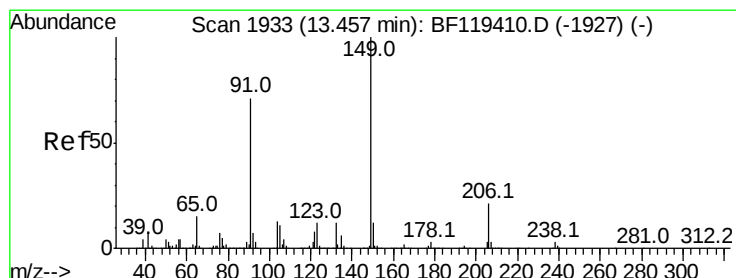
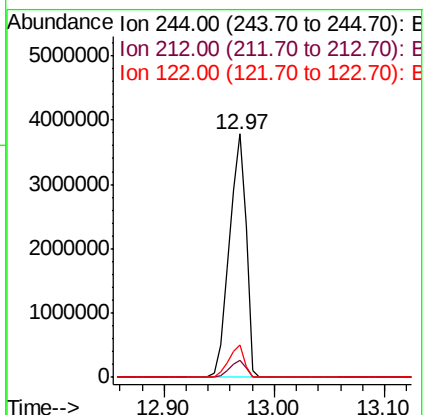
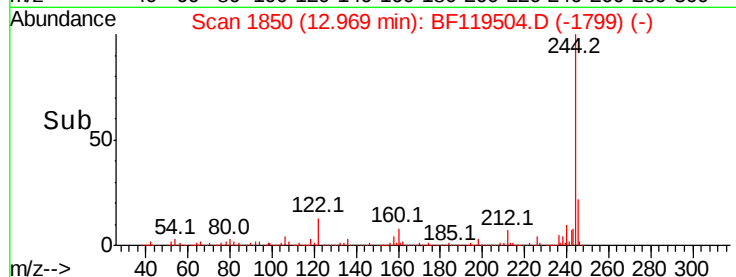
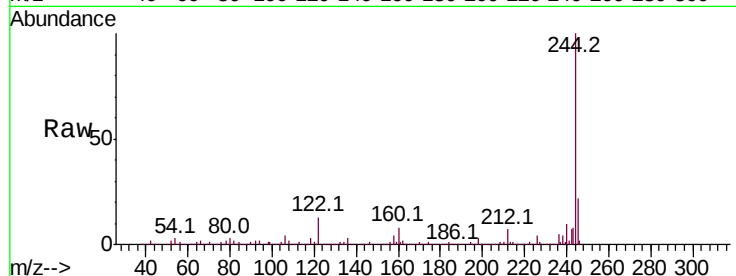
Tot Ion:244 Resp: 4044599

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 13.2 9.8 14.8



#80

Butylbenzylphthalate

Concen: 52.514 ng

RT: 13.45 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

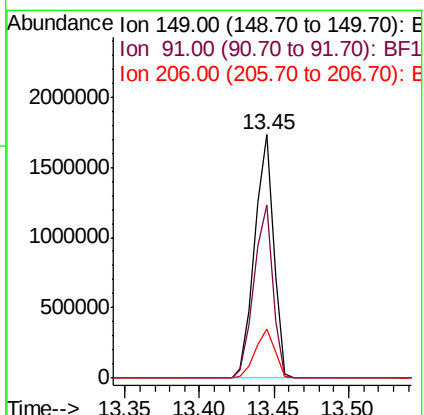
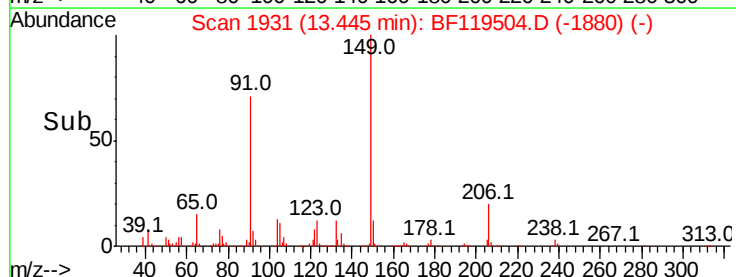
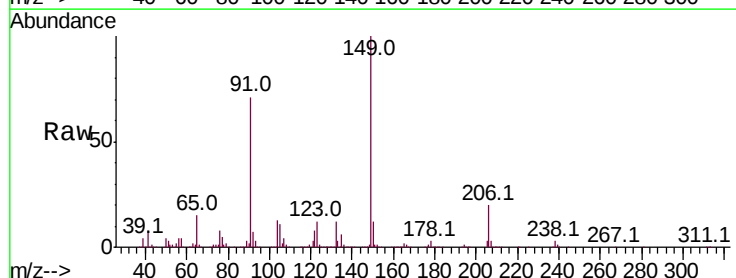
Tgt Ion:149 Resp: 1515552

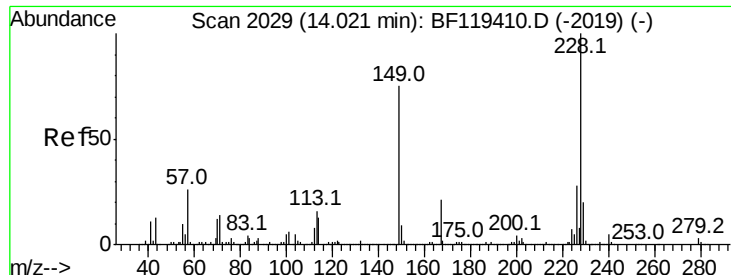
Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.6

206 20.4 16.4 24.6



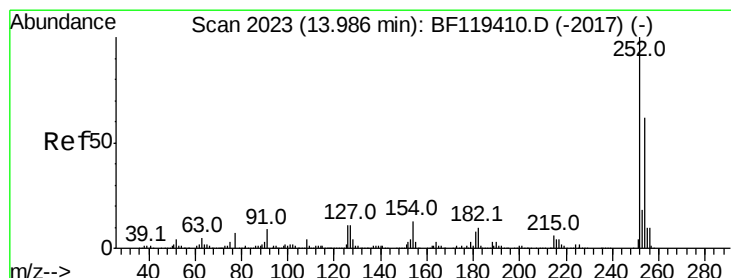
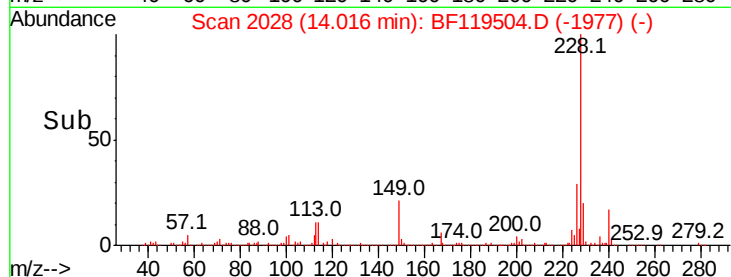
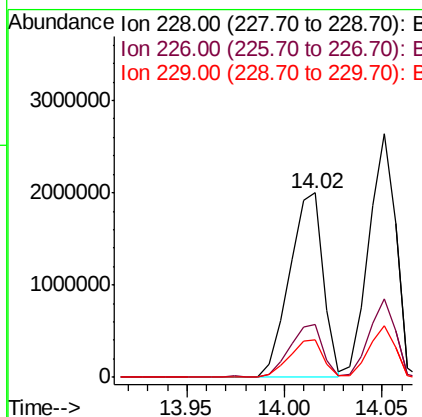
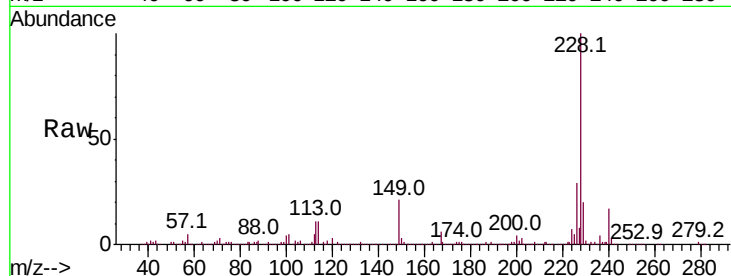


#81
 Benzo(a)anthracene
 Concen: 42.113 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BS

Tot Ion:228 Resp: 2381036

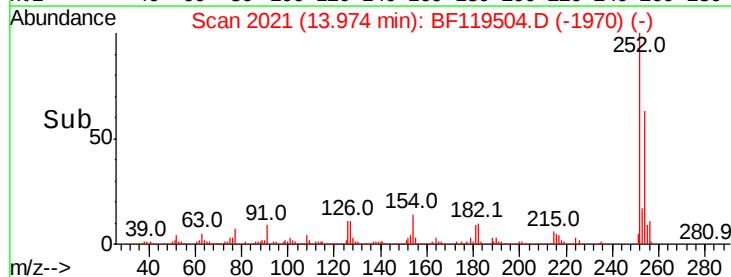
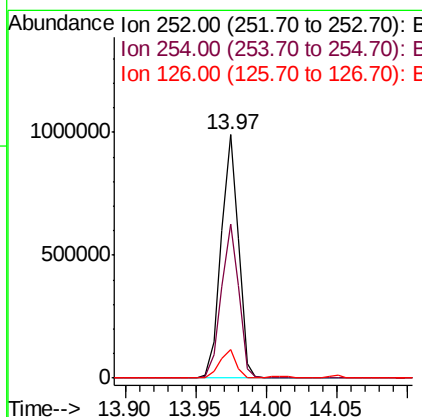
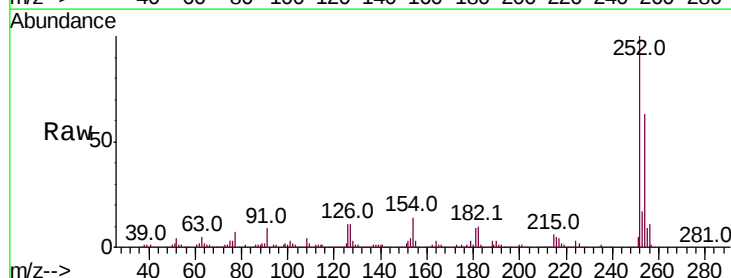
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.3	33.5
229	20.3	16.3	24.5

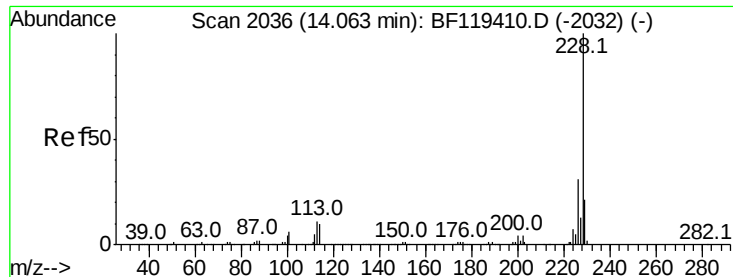


#82
 3,3'-Dichlorobenzidine
 Concen: 38.063 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF119504.D
 Acq: 25 Mar 2020 14:28

Tgt Ion:252 Resp: 848524

Ion	Ratio	Lower	Upper
252	100		
254	63.4	49.8	74.8
126	11.5	8.9	13.3





#83

Chrysene

Concen: 43.435 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

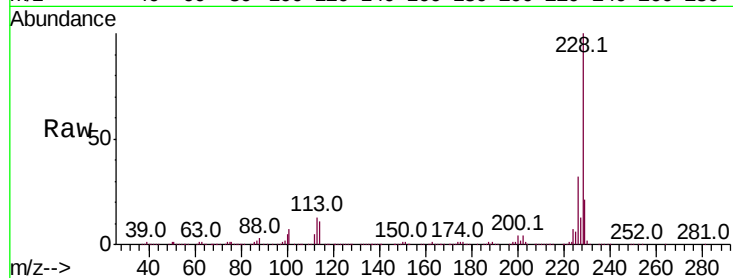
BNA_F

ClientSampleId :

PB127799BS

Tot Ion:228 Resp: 2534477

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.8	37.2
229	21.2	16.6	25.0

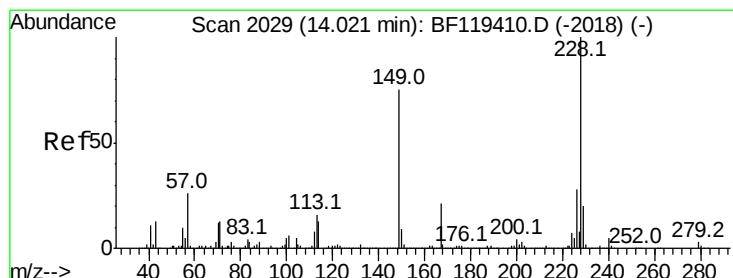
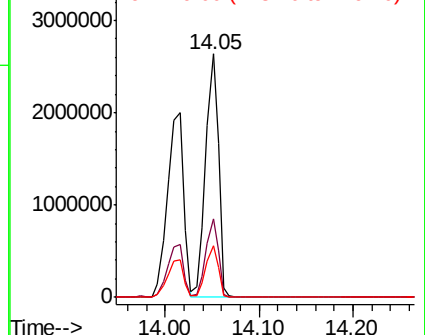
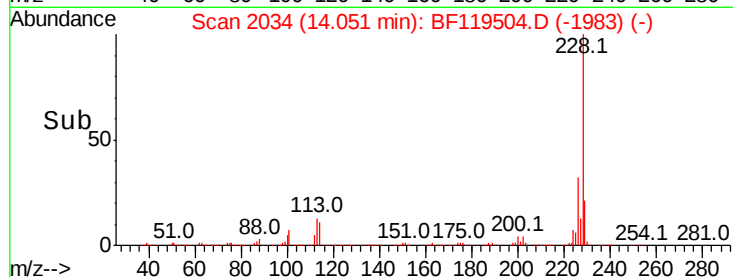


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.420 ng

RT: 14.00 min Scan# 2026

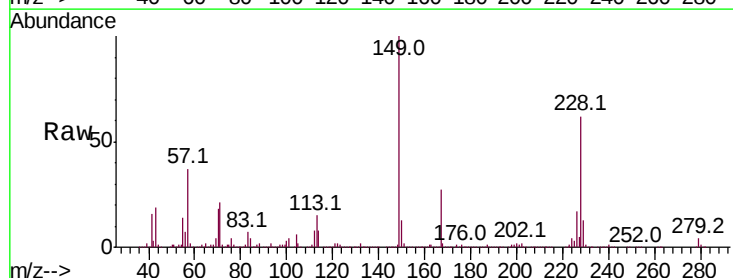
Delta R.T. -0.01 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Tgt Ion:149 Resp: 2009829

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	3.5	3.2	4.8

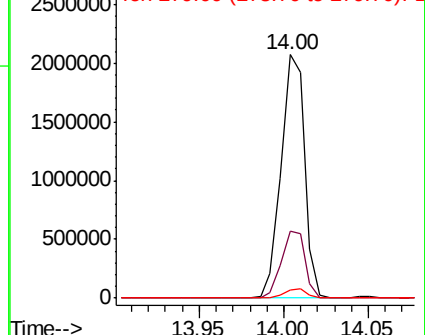
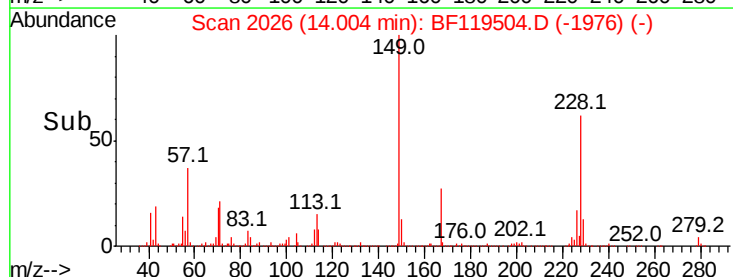


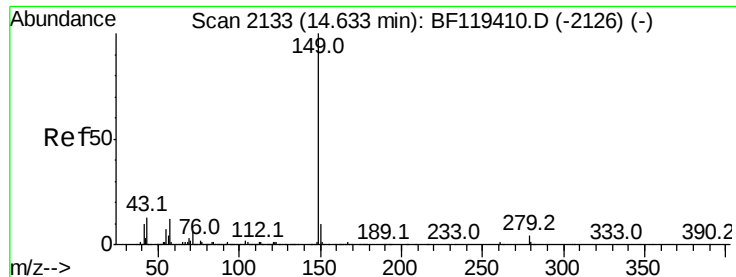
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

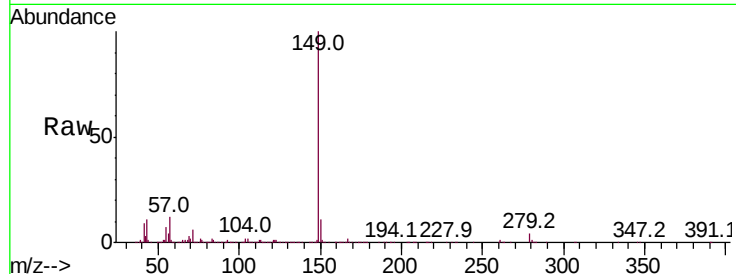




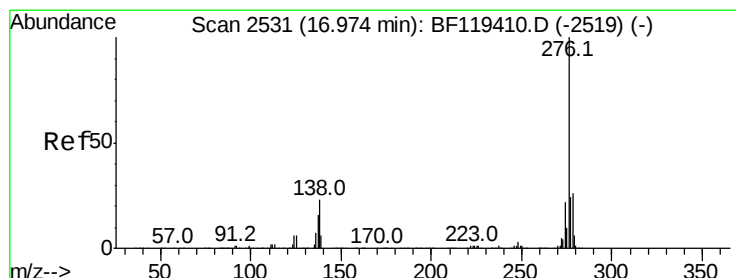
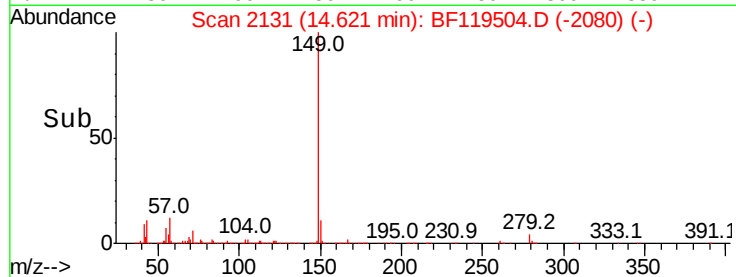
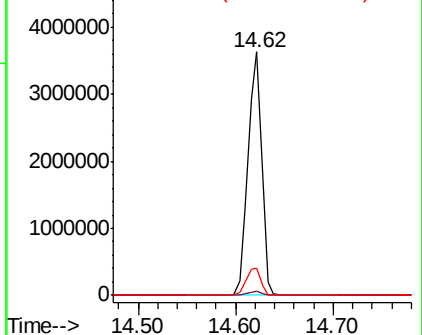
#85
Di-n-octyl phthalate
Concen: 58.894 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Instrument :
BNA_F
ClientSampleId :
PB127799BS

Tot Ion:149 Resp: 3563427
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.9 10.1 15.1

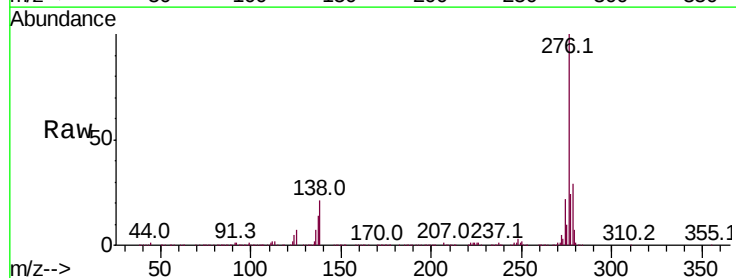


Abundance Ion 149.00 (148.70 to 149.70): E
5000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

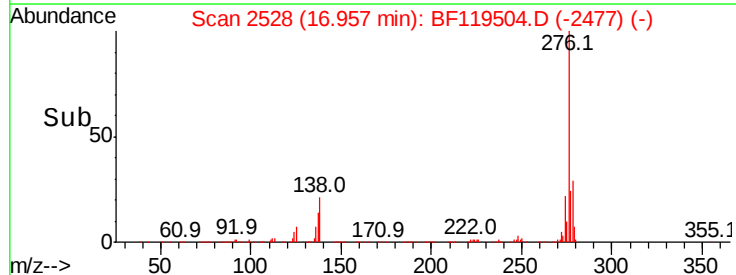
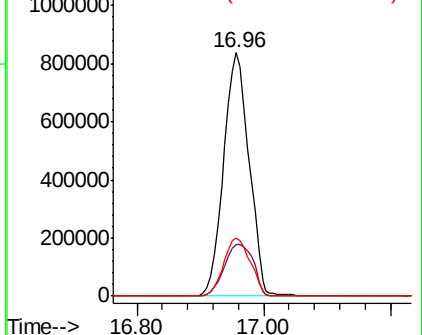


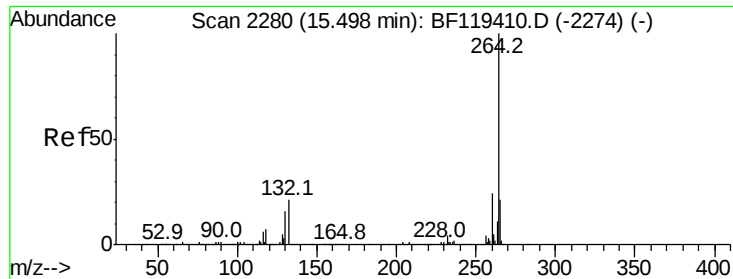
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.466 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:276 Resp: 2333715
Ion Ratio Lower Upper
276 100
138 24.2 21.3 31.9
277 25.1 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
1000000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

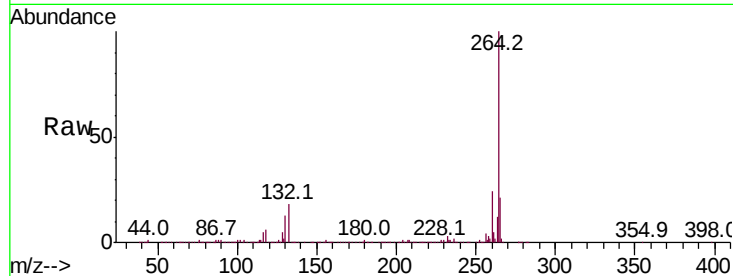
Tot Ion:264 Resp: 793943

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

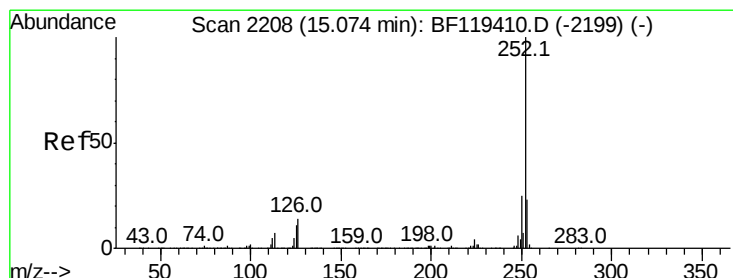
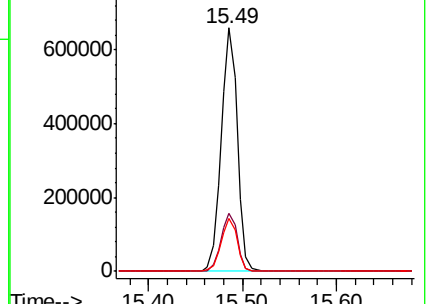
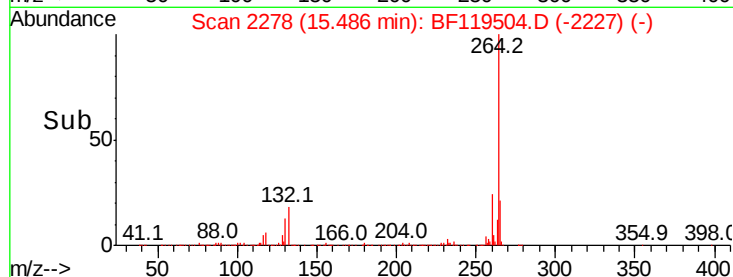
265 21.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.078 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

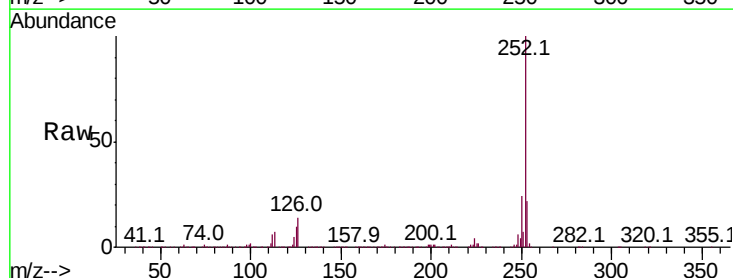
Tgt Ion:252 Resp: 2443769

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

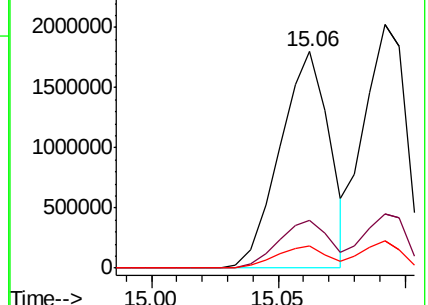
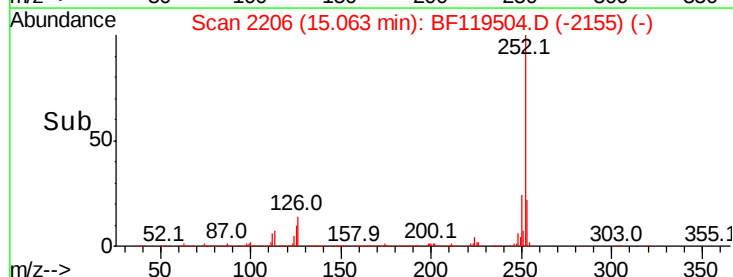
125 10.4 8.8 13.2

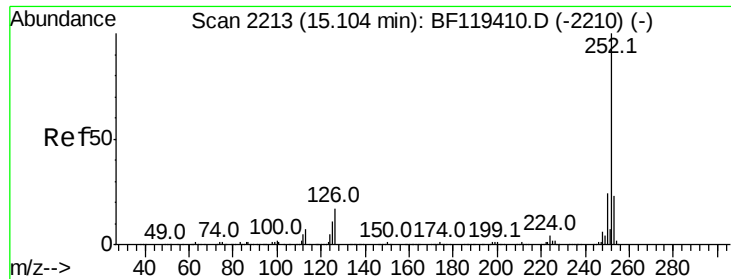


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

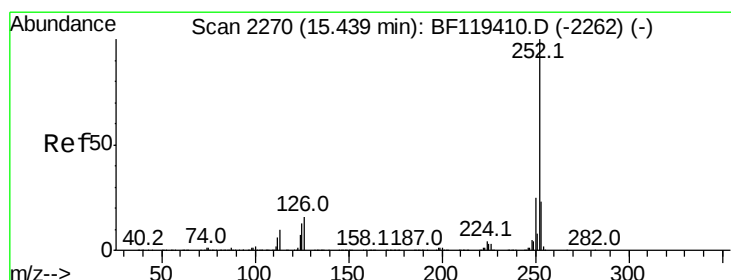
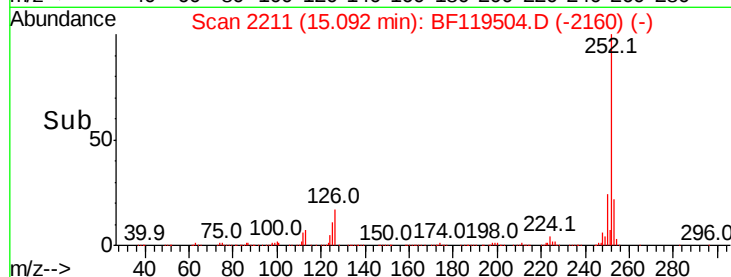
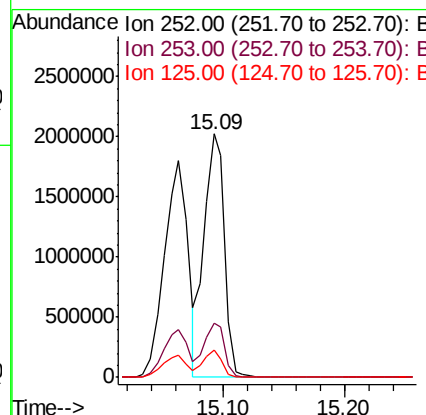
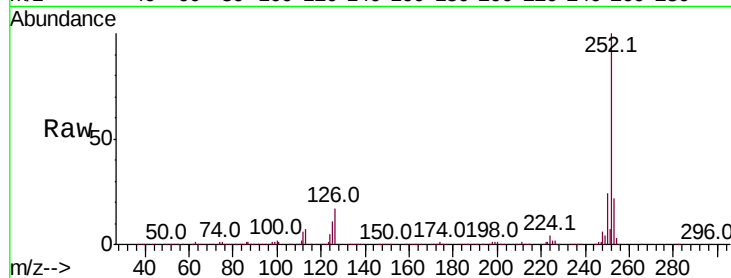




#89
Benzo(k)fluoranthene
Concen: 46.743 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

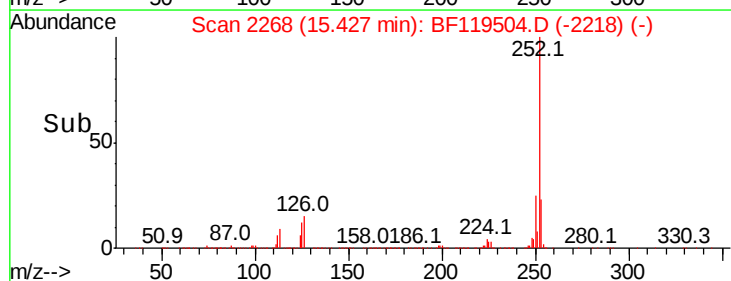
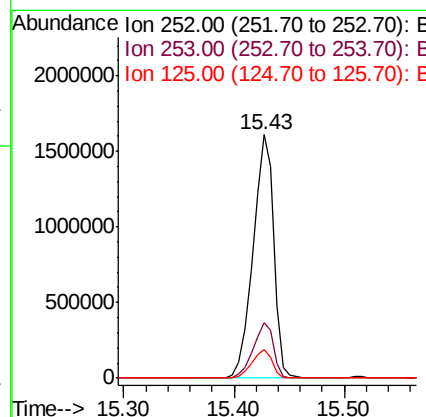
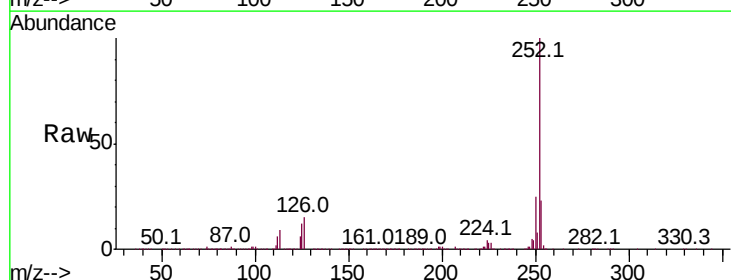
Instrument :
BNA_F
ClientSampleId :
PB127799BS

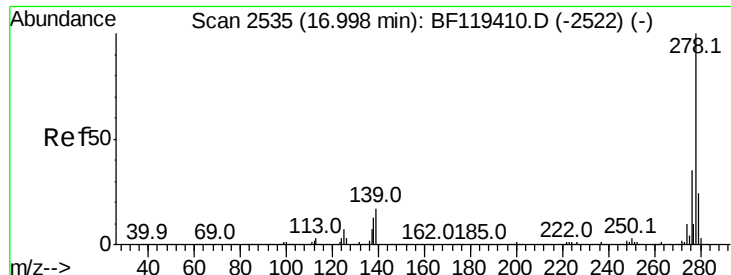
Tot Ion:252 Resp: 2360526
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.3 9.0 13.4



#90
Benzo(a)pyrene
Concen: 44.035 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119504.D
Acq: 25 Mar 2020 14:28

Tgt Ion:252 Resp: 2122376
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 11.6 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 45.527 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

Instrument :

BNA_F

ClientSampleId :

PB127799BS

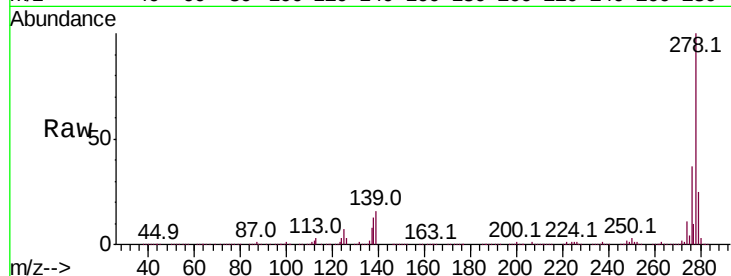
Tot Ion:278 Resp: 1919266

Ion Ratio Lower Upper

278 100

139 16.0 13.7 20.5

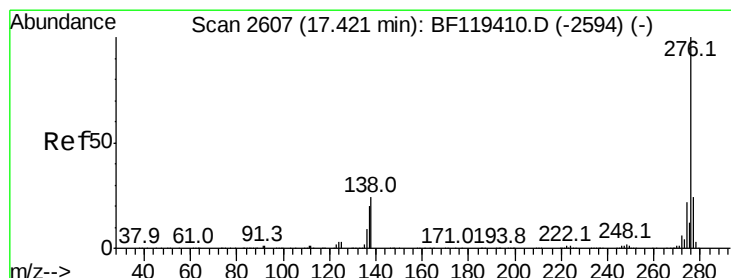
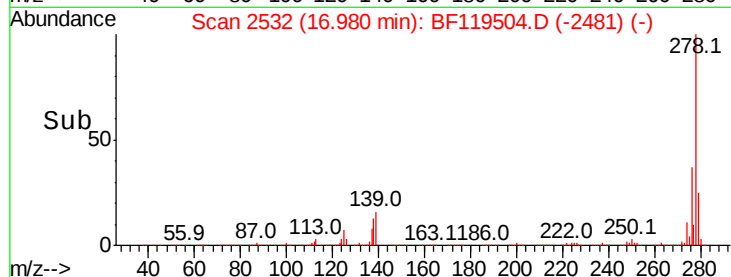
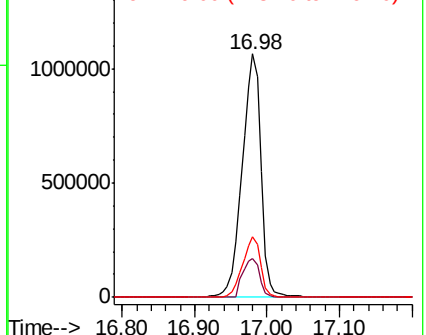
279 25.0 19.2 28.8



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: 44.698 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BF119504.D

Acq: 25 Mar 2020 14:28

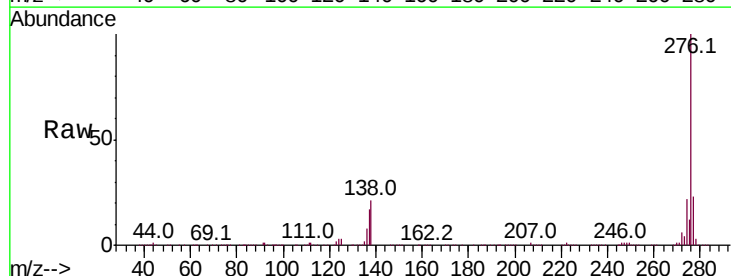
Tgt Ion:276 Resp: 1893033

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 20.6 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

