

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119768.D
 Acq On : 6 Apr 2020 13:38
 Operator : MA/SJ
 Sample : PB128003BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Quant Time: Apr 06 14:08:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151935	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	626252	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	314308	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	604576	20.00	ng	0.00
76) Chrysene-d12	13.96	240	447506	20.00	ng	0.00
87) Perylene-d12	15.40	264	459086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1172580	122.86	ng	0.01
7) Phenol-d6	6.42	99	1428707	117.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	914520	79.36	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	431729	133.14	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1757744	82.85	ng	0.00
79) Terphenyl-d14	12.90	244	1984876	86.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	151224	32.081	ng	99
3) Pyridine	3.27	79	427133	32.891	ng	93
4) n-Nitrosodimethylamine	3.22	42	237027	37.428	ng	97
6) Aniline	6.44	93	458523	27.249	ng	99
8) 2-Chlorophenol	6.56	128	454590	45.350	ng	99
9) Benzaldehyde	6.33	77	229158	29.629	ng	98
10) Phenol	6.43	94	573464	44.081	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	423964	40.748	ng	98
12) 1,3-Dichlorobenzene	6.72	146	453129	41.766	ng	96
13) 1,4-Dichlorobenzene	6.80	146	461312	42.510	ng	98
14) 1,2-Dichlorobenzene	6.95	146	439191	43.299	ng	98
15) Benzyl Alcohol	6.93	79	380471	41.486	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	756981	36.069	ng	99
17) 2-Methylphenol	7.04	107	358188	39.000	ng	99
18) Hexachloroethane	7.30	117	181231	45.571	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	295897	40.265	ng	100
20) 3+4-Methylphenols	7.19	107	446205	39.642	ng	# 78
22) Acetophenone	7.19	105	577902	38.619	ng	# 89
24) Nitrobenzene	7.37	77	484360	39.332	ng	96
25) Isophorone	7.60	82	877522	37.541	ng	98
26) 2-Nitrophenol	7.68	139	253997	52.384	ng	95
27) 2,4-Dimethylphenol	7.72	122	400104	39.907	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	553660	40.056	ng	99
29) 2,4-Dichlorophenol	7.93	162	386082	41.910	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	421614	41.384	ng	98
31) Naphthalene	8.09	128	1351808	41.946	ng	98
32) Benzoic acid	7.84	122	310150	48.091	ng	100
33) 4-Chloroaniline	8.14	127	275769	18.674	ng	97
34) Hexachlorobutadiene	8.21	225	238370	41.818	ng	98
35) Caprolactam	8.53	113	50419	16.723	ng	94
36) 4-Chloro-3-methylphenol	8.62	107	415391	41.256	ng	98
37) 2-Methylnaphthalene	8.79	142	887012	41.938	ng	98
38) 1-Methylnaphthalene	8.88	142	851367	42.527	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	393294	42.691	ng	99

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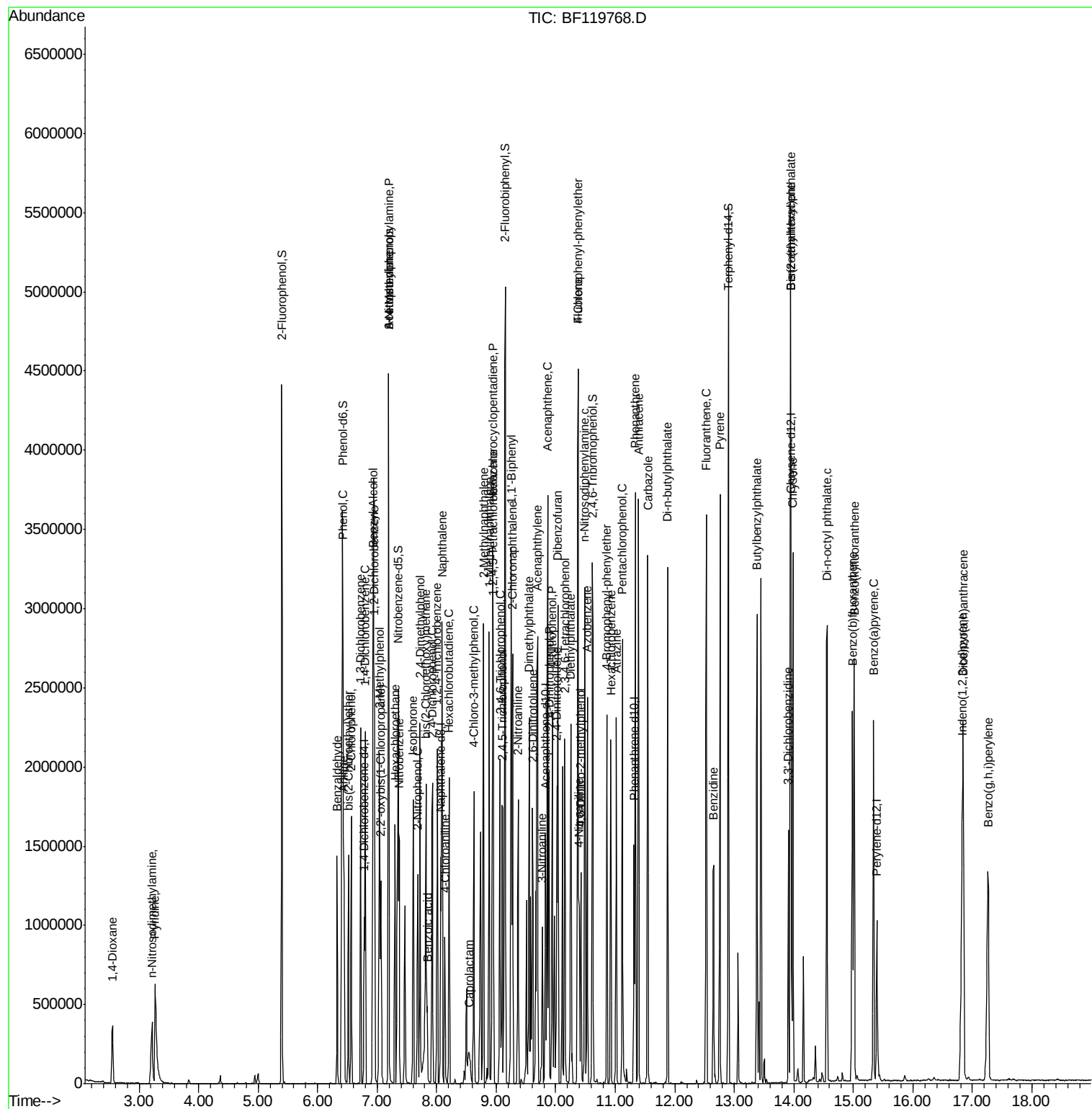
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	483400	92.296	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	288307	43.731	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	300744	40.721	ng	93
46) 1,1'-Biphenyl	9.25	154	1064550	41.586	ng	98
47) 2-Chloronaphthalene	9.27	162	837139	41.749	ng	98
48) 2-Nitroaniline	9.37	65	291155	42.068	ng	96
49) Acenaphthylene	9.69	152	1314358	41.741	ng	99
50) Dimethylphthalate	9.55	163	946233	42.384	ng	99
51) 2,6-Dinitrotoluene	9.61	165	215454	45.024	ng	94
52) Acenaphthene	9.86	154	816270	41.582	ng	98
53) 3-Nitroaniline	9.78	138	155112	25.675	ng	88
54) 2,4-Dinitrophenol	9.89	184	257041	120.124	ng	94
55) Dibenzofuran	10.03	168	1195965	42.493	ng	99
56) 4-Nitrophenol	9.95	139	386979	81.198	ng	97
57) 2,4-Dinitrotoluene	10.02	165	287789	47.740	ng	95
58) Fluorene	10.37	166	914439	43.936	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259651	47.034	ng	97
60) Diethylphthalate	10.26	149	962065	42.458	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	433514	42.594	ng	99
62) 4-Nitroaniline	10.40	138	236885	40.890	ng	93
63) Azobenzene	10.53	77	918072	40.235	ng	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	162271	64.008	ng	84
66) n-Nitrosodiphenylamine	10.49	169	830229	41.831	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	279572	40.604	ng	# 91
68) Hexachlorobenzene	10.93	284	305865	43.403	ng	# 92
69) Atrazine	11.02	200	249576	45.868	ng	99
70) Pentachlorophenol	11.12	266	355269	85.979	ng	99
71) Phenanthrene	11.34	178	1333121	42.525	ng	99
72) Anthracene	11.39	178	1383521	43.423	ng	98
73) Carbazole	11.55	167	1271407	40.316	ng	98
74) Di-n-butylphthalate	11.88	149	1492215	44.233	ng	100
75) Fluoranthene	12.53	202	1464958	43.180	ng	99
77) Benzidine	12.65	184	561182	29.632	ng	98
78) Pyrene	12.76	202	1479674	40.289	ng	98
80) Butylbenzylphthalate	13.38	149	628261	42.295	ng	100
81) Benzo(a)anthracene	13.95	228	1194663	41.053	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	320627	27.944	ng	98
83) Chrysene	13.99	228	1228047	40.890	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	805817	45.507	ng	100
85) Di-n-octyl phthalate	14.56	149	1383805	44.435	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1447753	51.184	ng	99
88) Benzo(b)fluoranthene	14.99	252	1281010	41.772	ng	99
89) Benzo(k)fluoranthene	15.02	252	1149257	39.357	ng	97
90) Benzo(a)pyrene	15.34	252	1118795	40.144	ng	99
91) Dibenzo(a,h)anthracene	16.85	278	1186015	48.654	ng	99
92) Benzo(g,h,i)perylene	17.26	276	1179460	48.162	ng	100

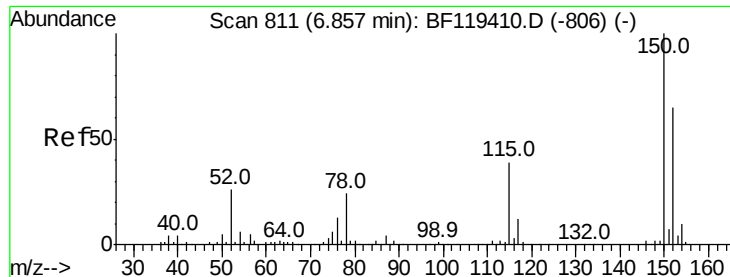
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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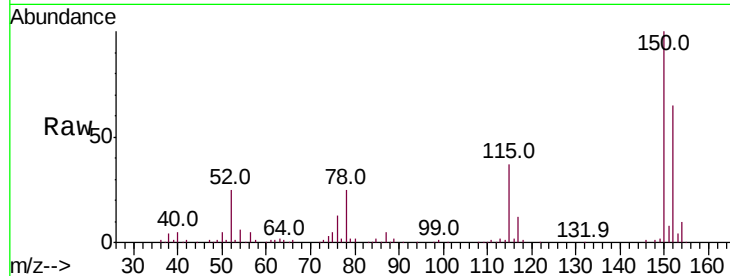


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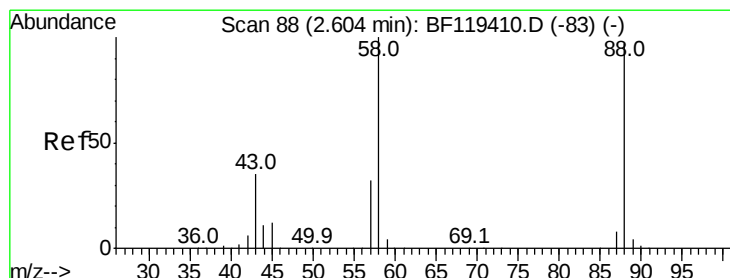
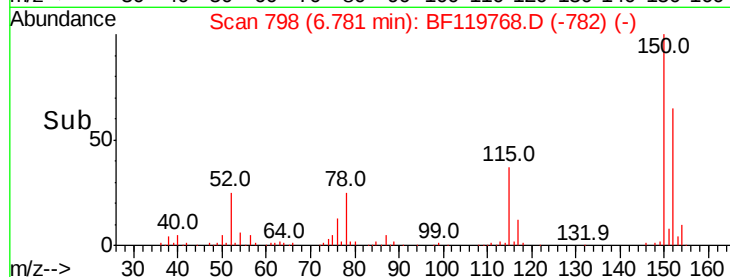
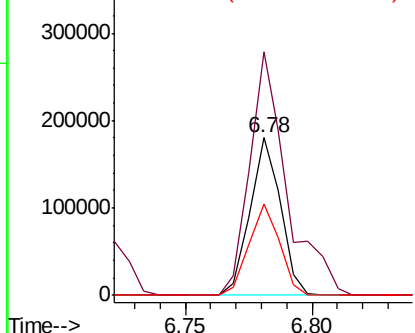
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:152 Resp: 151935
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 57.8 49.6 74.4



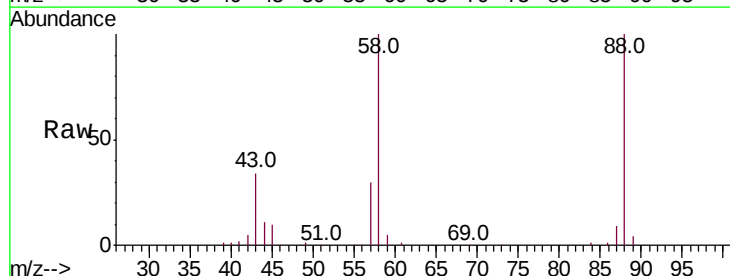
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



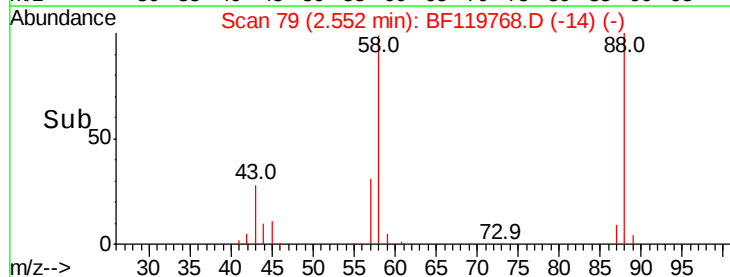
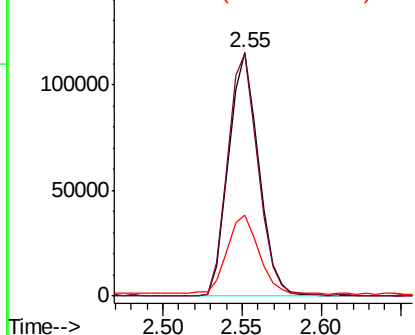
#2

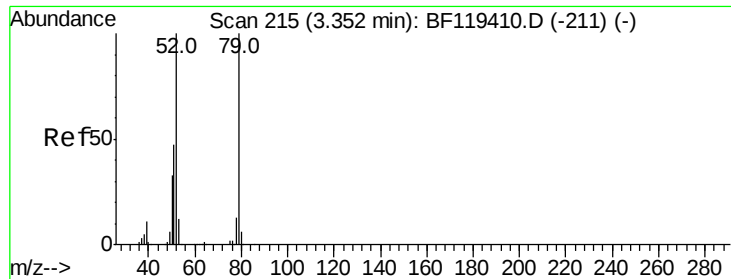
1,4-Dioxane
Concen: 32.081 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion: 88 Resp: 151224
Ion Ratio Lower Upper
88 100
58 101.5 80.6 121.0
43 34.1 27.5 41.3



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: 32.891 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.08 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

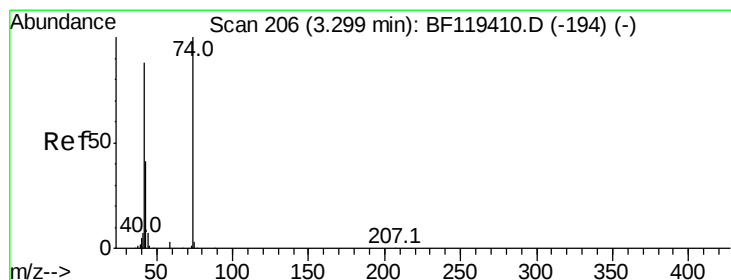
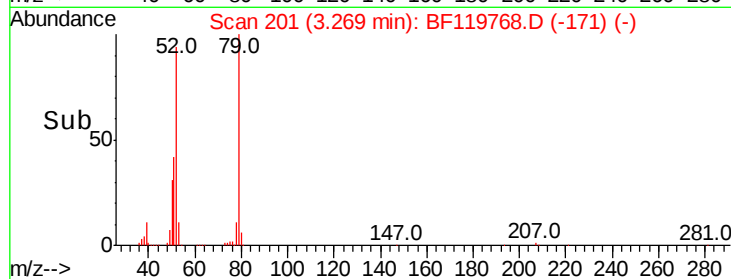
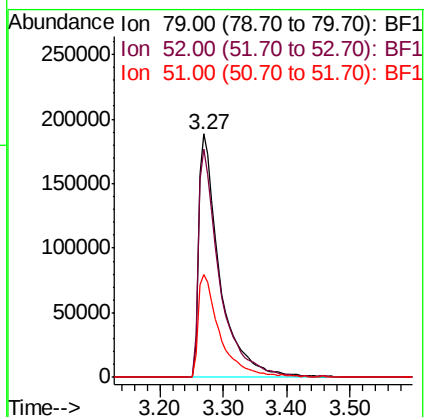
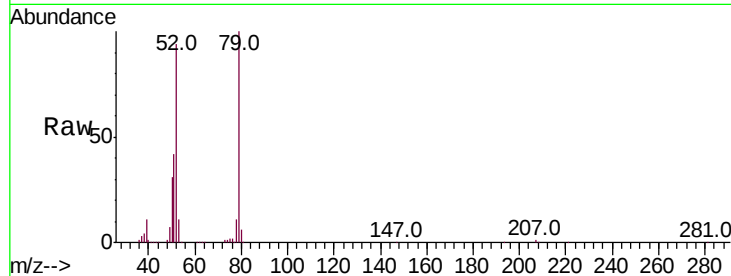
Tot Ion: 79 Resp: 427133

Ion Ratio Lower Upper

79 100

52 93.7 80.2 120.2

51 42.2 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 37.428 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.07 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

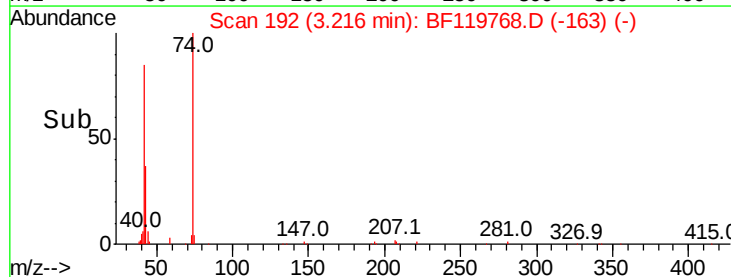
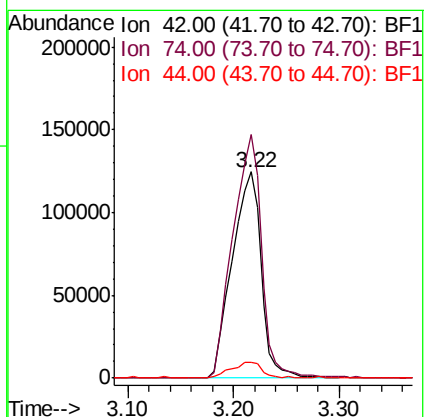
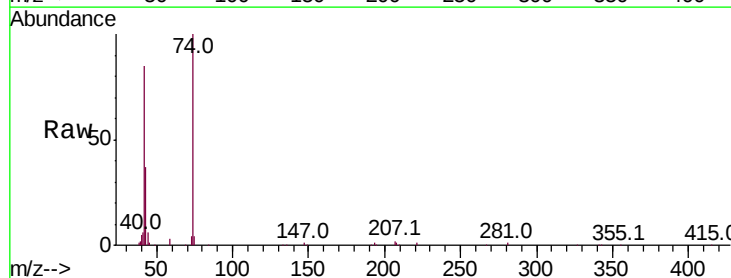
Tgt Ion: 42 Resp: 237027

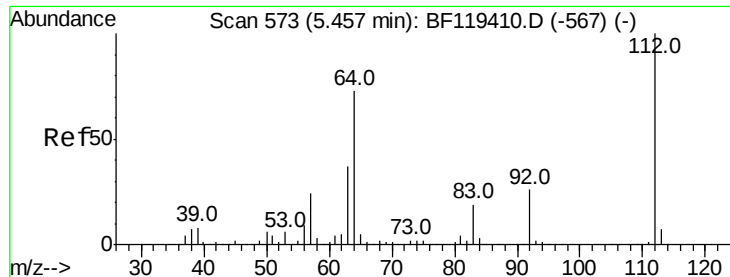
Ion Ratio Lower Upper

42 100

74 118.2 91.5 137.3

44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 122.858 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

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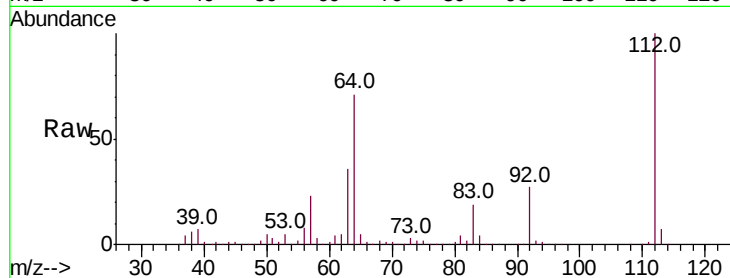
Tot Ion:112 Resp: 1172580

Ion Ratio Lower Upper

112 100

64 70.8 56.7 85.1

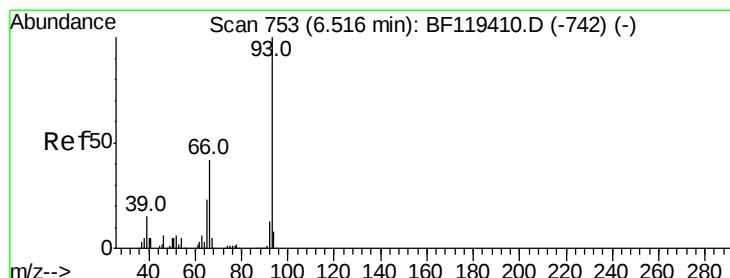
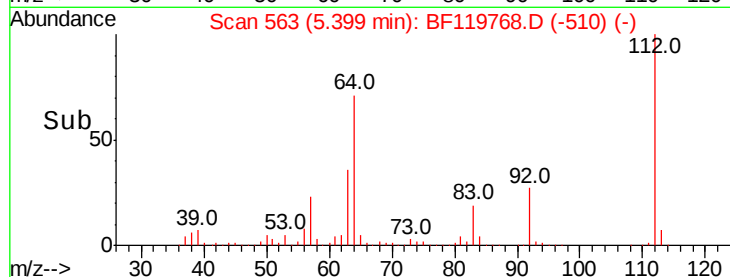
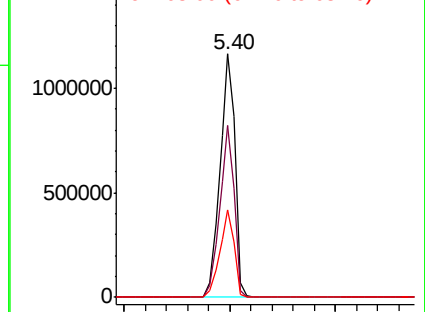
63 36.0 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.249 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

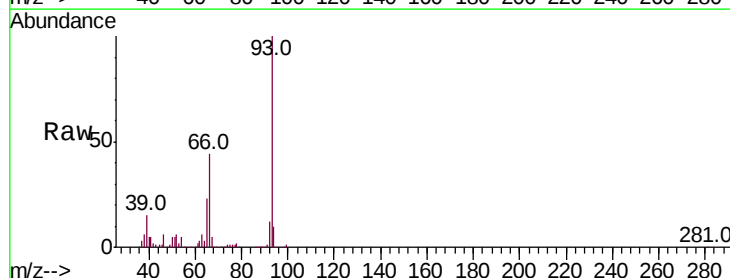
Tgt Ion: 93 Resp: 458523

Ion Ratio Lower Upper

93 100

66 44.0 34.9 52.3

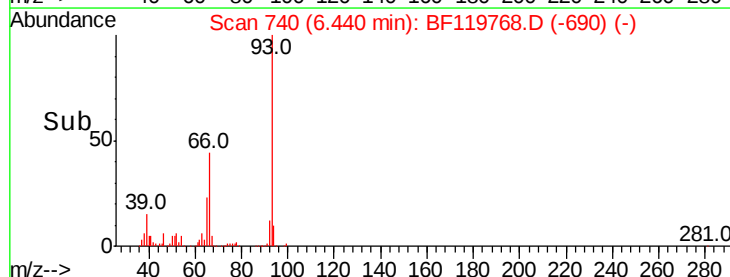
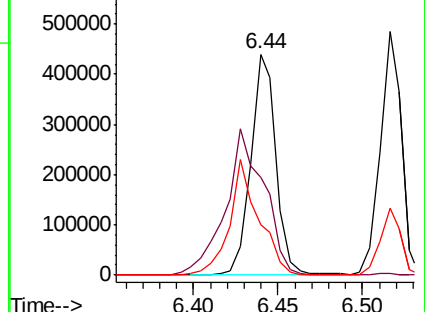
65 22.7 18.6 27.8

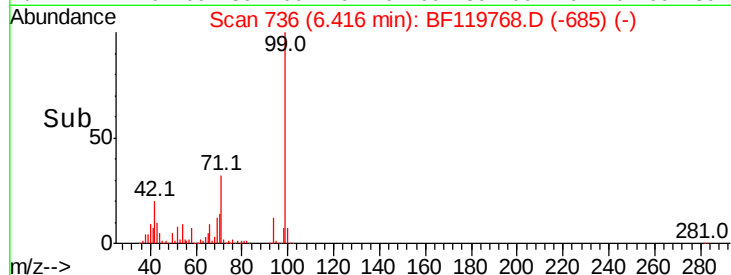
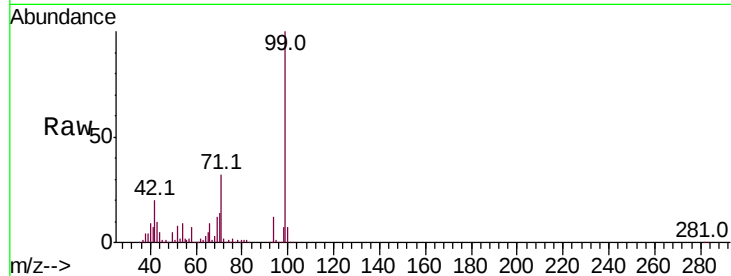
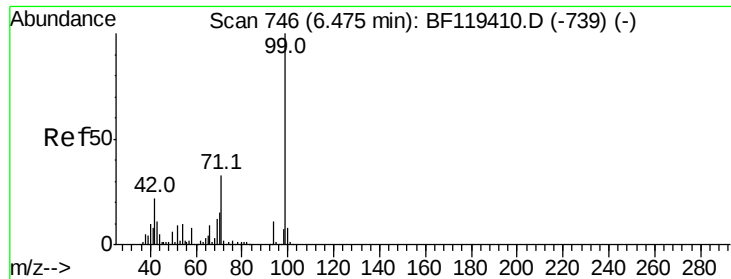


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.183 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

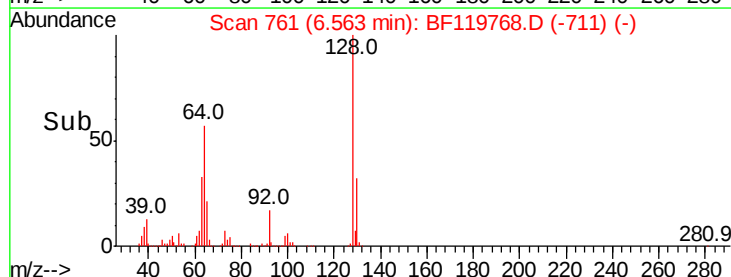
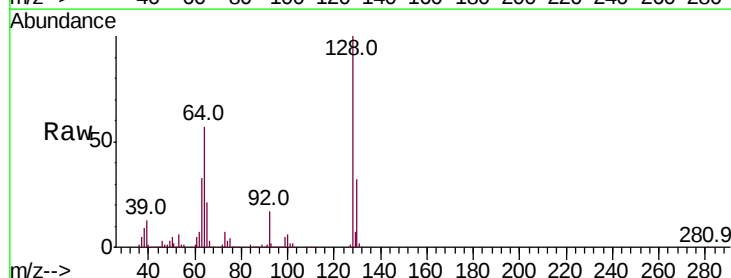
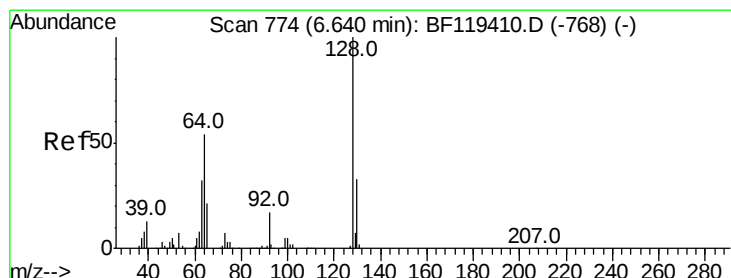
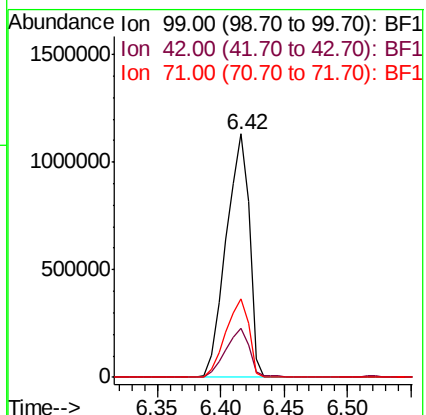
BNA_F

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Tot Ion: 99 Resp: 1428707

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	24.8
71	32.5	26.4	39.6



#8

2-Chlorophenol

Concen: 45.350 ng

RT: 6.56 min Scan# 761

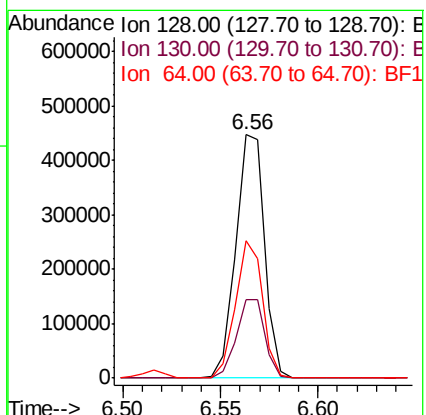
Delta R.T. -0.01 min

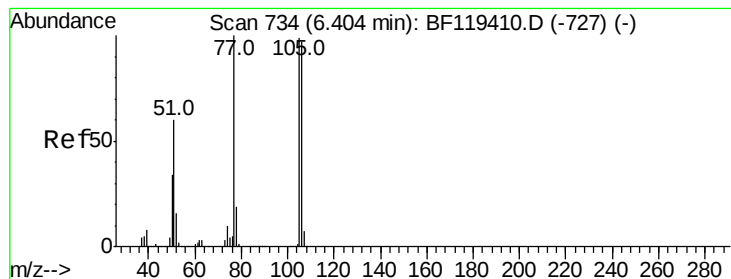
Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Tgt Ion:128 Resp: 454590

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	56.6	35.3	75.3





#9

Benzaldehyde

Concen: 29.629 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

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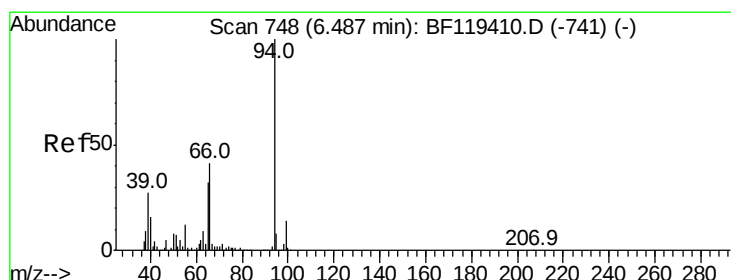
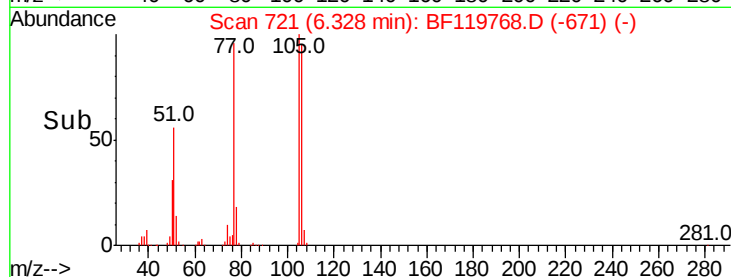
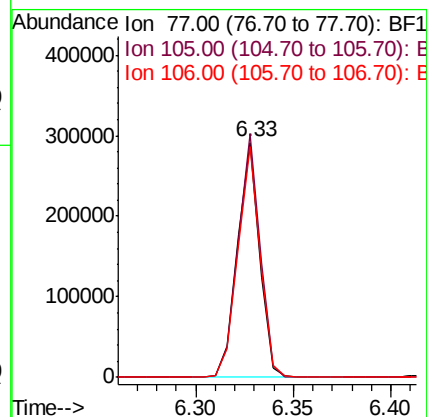
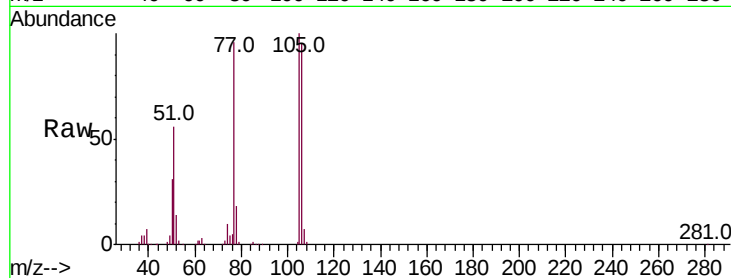
Tot Ion: 77 Resp: 229158

Ion Ratio Lower Upper

77 100

105 103.6 80.9 120.9

106 98.3 77.9 117.9



#10

Phenol

Concen: 44.081 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

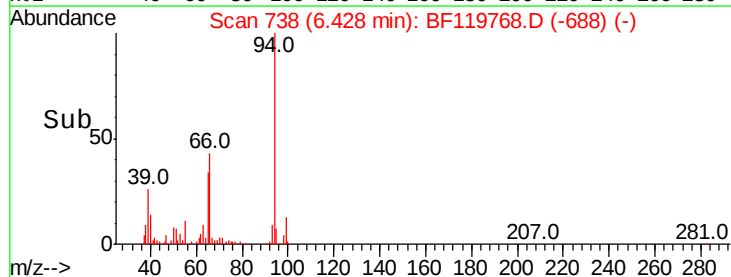
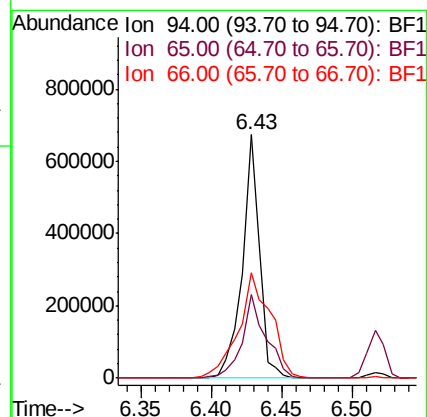
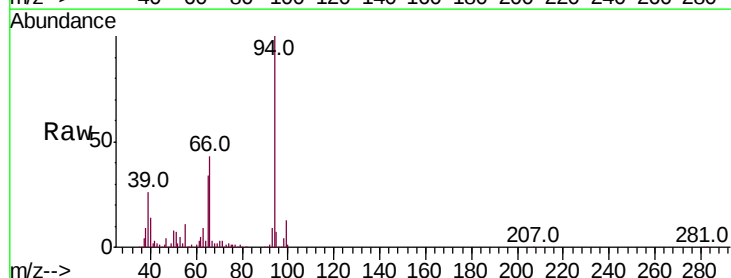
Tgt Ion: 94 Resp: 573464

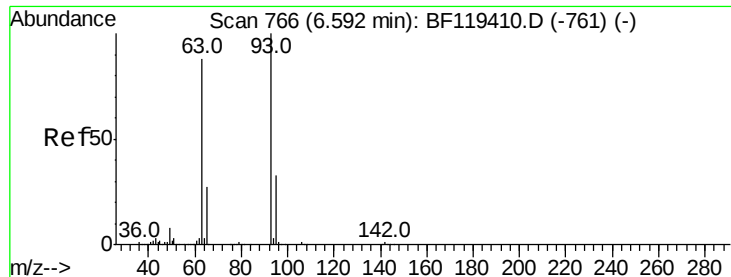
Ion Ratio Lower Upper

94 100

65 34.2 13.2 53.2

66 43.3 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 40.748 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

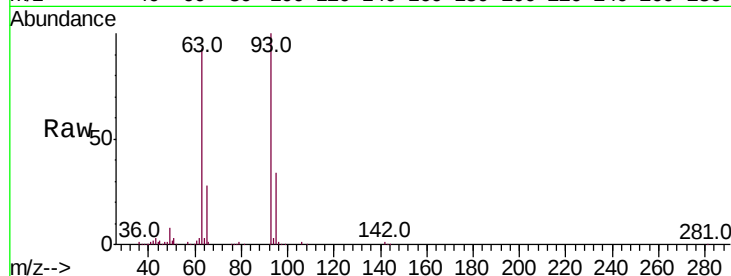
Tot Ion: 93 Resp: 423964

Ion Ratio Lower Upper

93 100

63 92.7 70.2 110.2

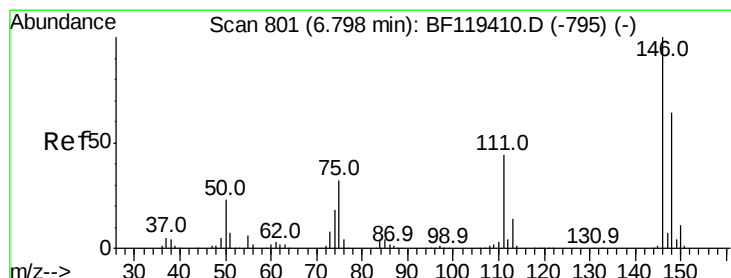
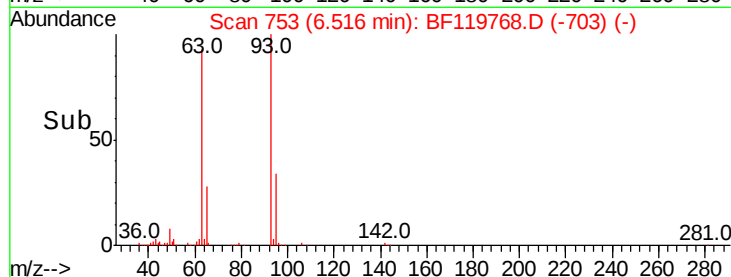
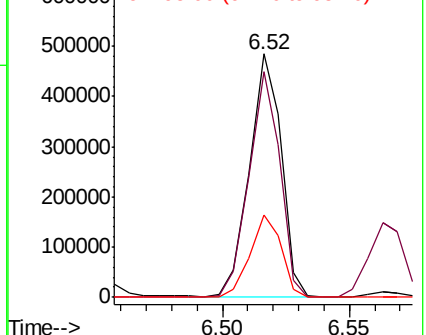
95 33.6 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.766 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

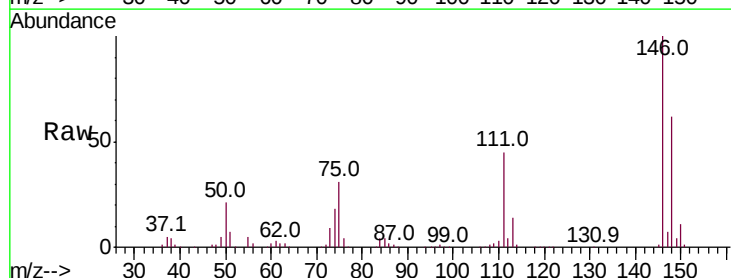
Tgt Ion: 146 Resp: 453129

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.4

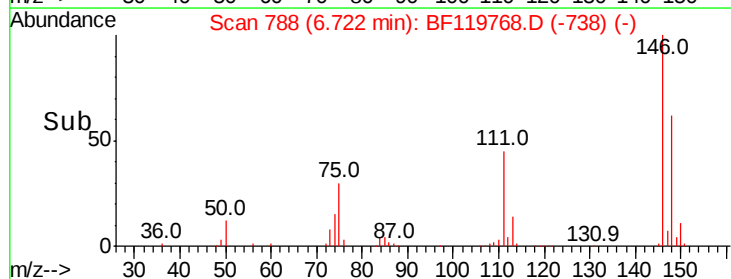
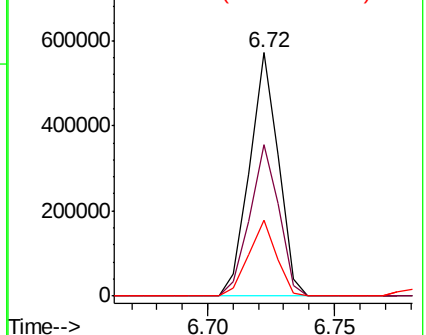
75 31.4 23.0 34.4

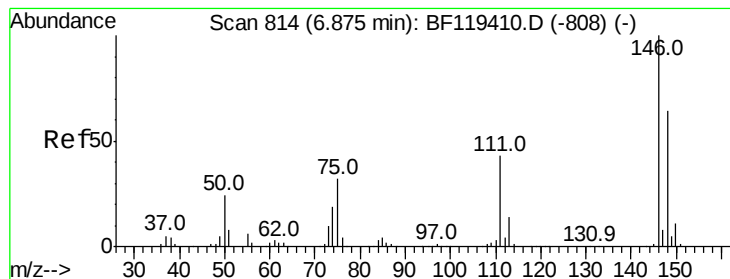


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.510 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

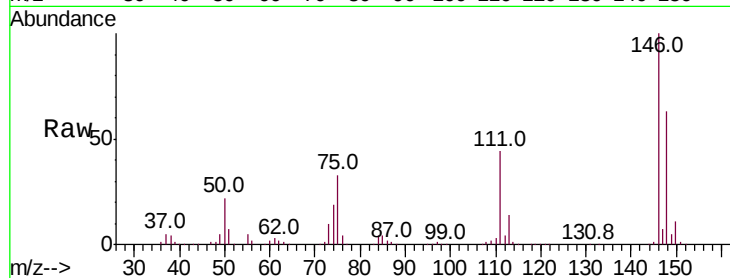
Tot Ion:146 Resp: 461312

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

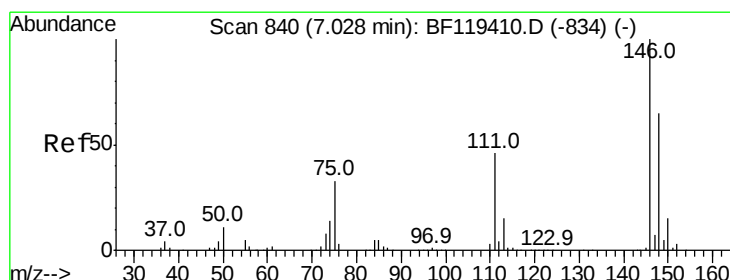
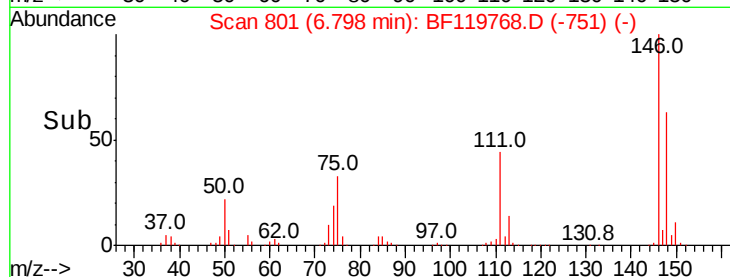
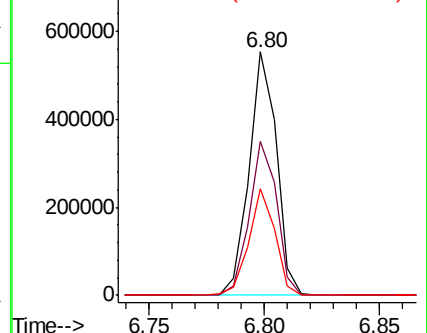
111 43.7 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.299 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

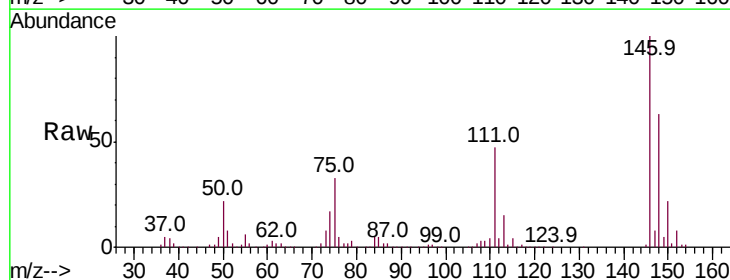
Tgt Ion:146 Resp: 439191

Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

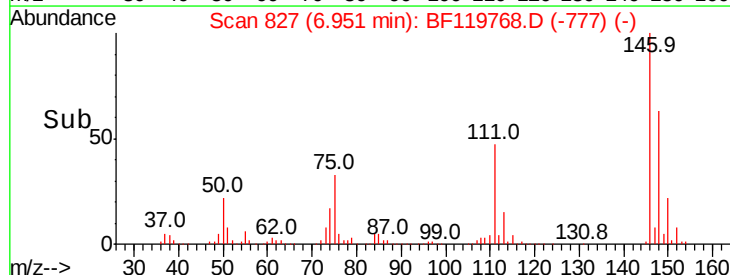
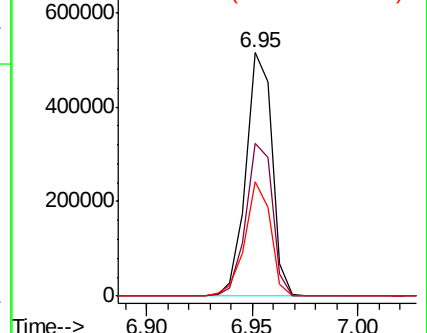
111 47.1 36.1 54.1

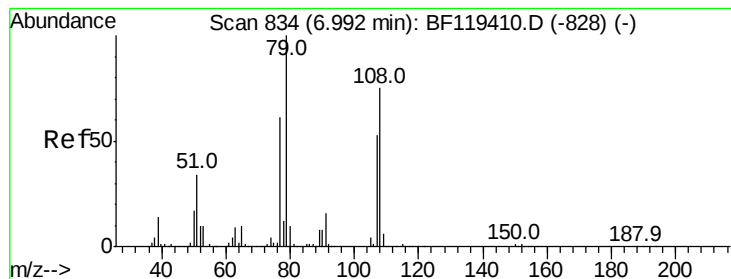


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.486 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

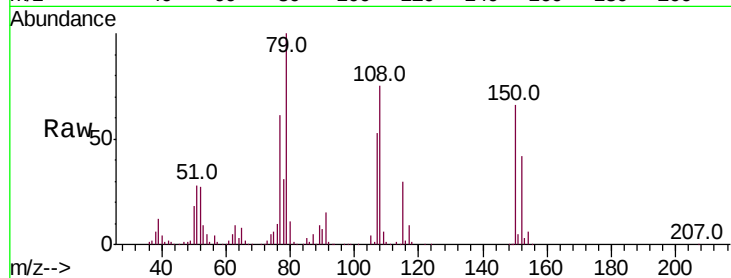
Tot Ion: 79 Resp: 380471

Ion Ratio Lower Upper

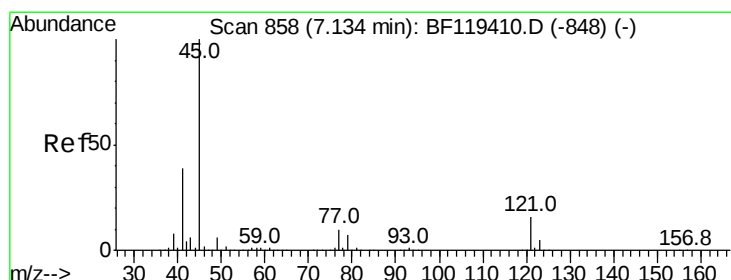
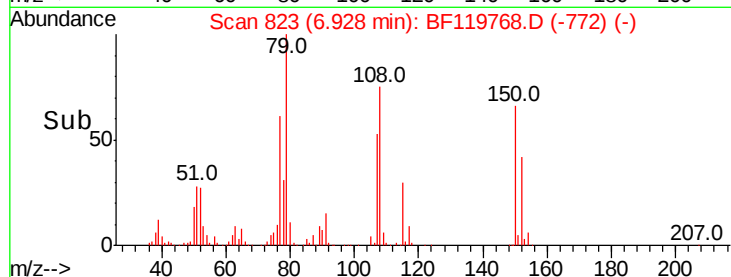
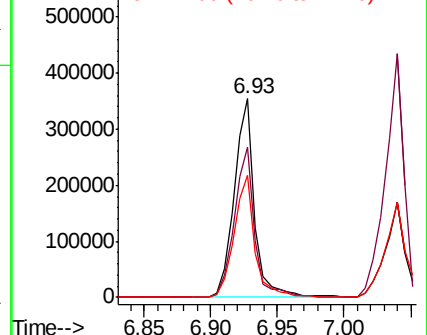
79 100

108 75.5 60.6 90.8

77 61.4 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.069 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

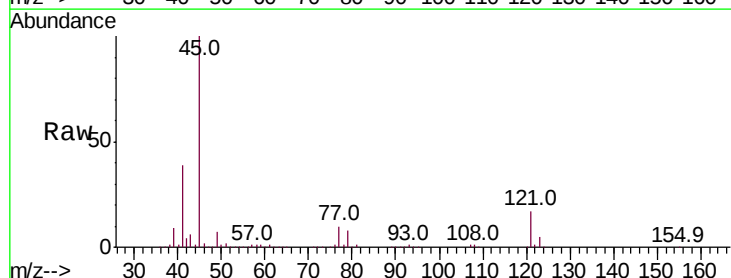
Tgt Ion: 45 Resp: 756981

Ion Ratio Lower Upper

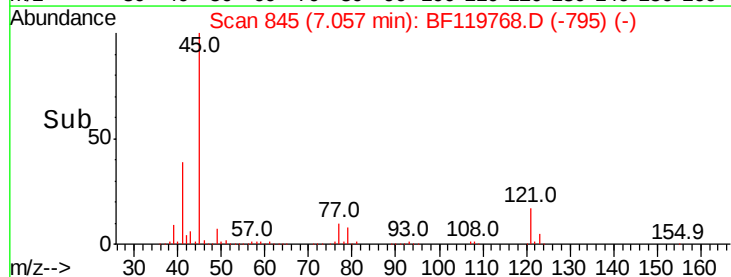
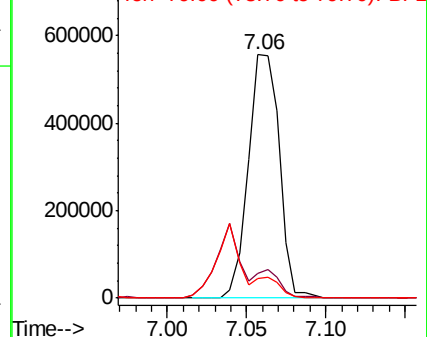
45 100

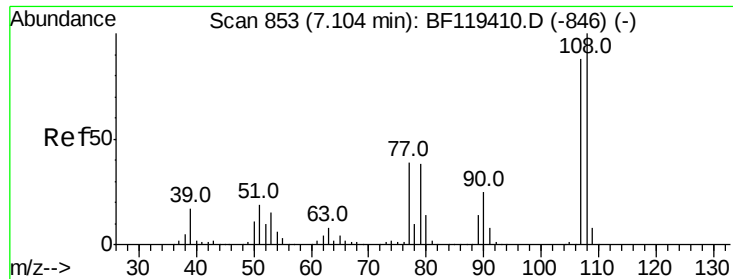
77 10.3 0.0 30.7

79 8.0 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

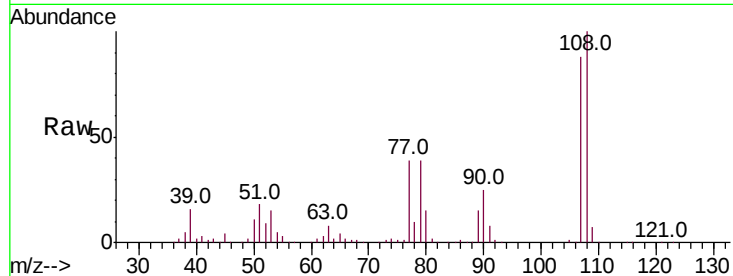




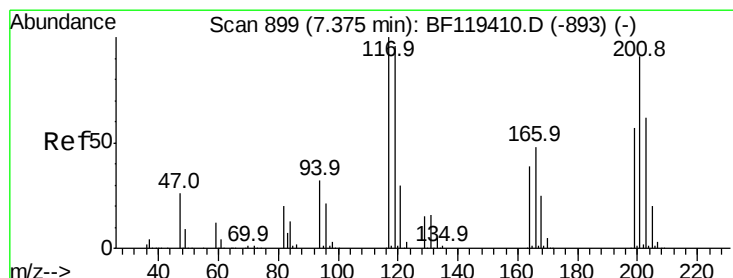
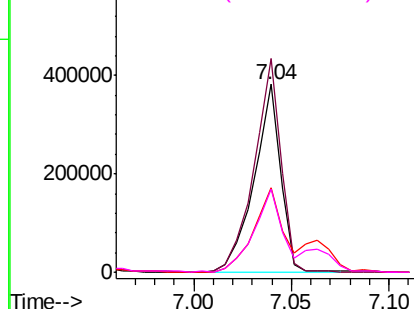
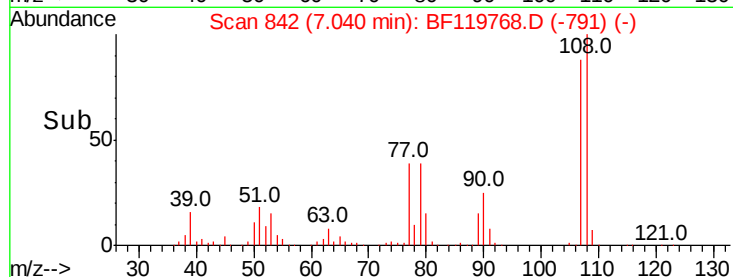
#17
2-Methylphenol
Concen: 39.000 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:107 Resp: 358188
Ion Ratio Lower Upper
107 100
108 113.7 92.2 138.4
77 44.7 36.6 54.8
79 44.5 36.2 54.4

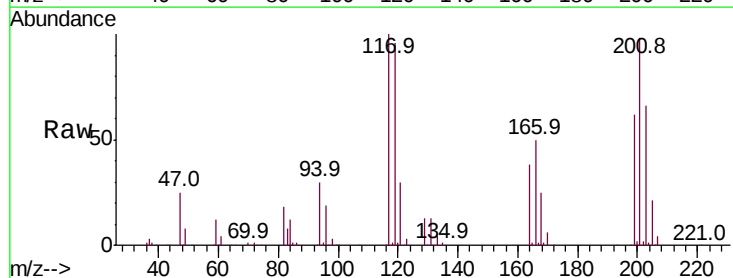


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

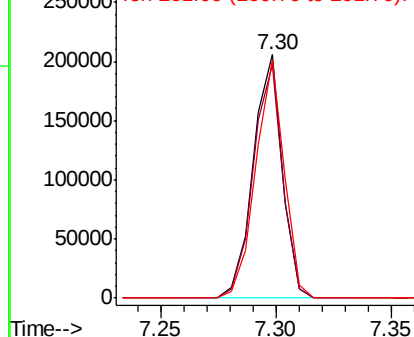
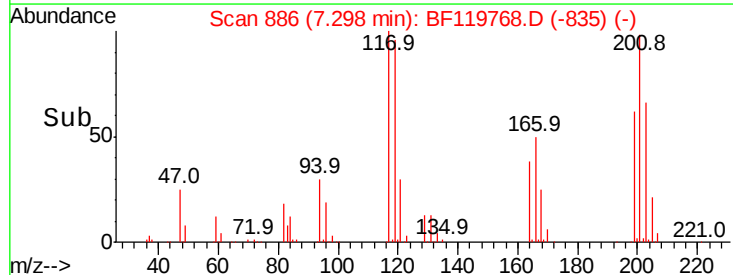


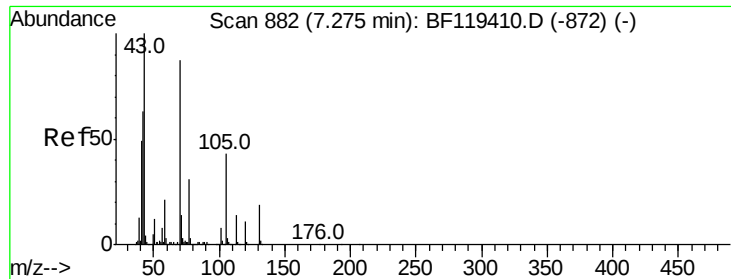
#18
Hexachloroethane
Concen: 45.571 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:117 Resp: 181231
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
201 97.8 73.0 109.6



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

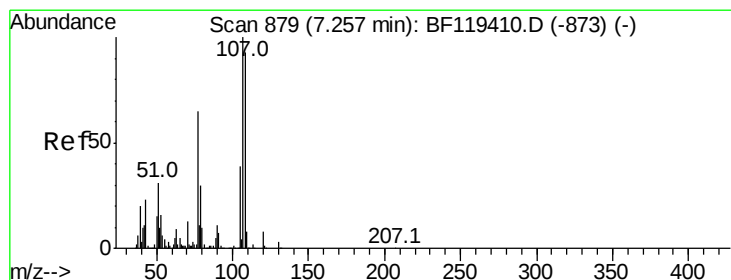
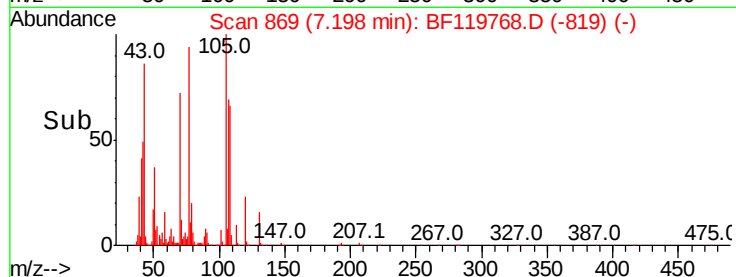
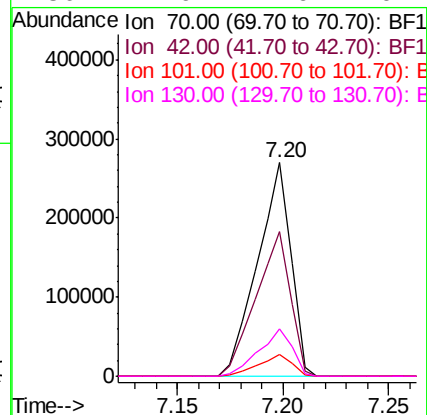
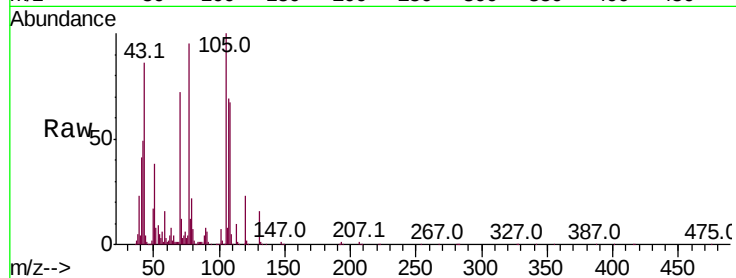




#19
n-Nitroso-di-n-propylamine
Concen: 40.265 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

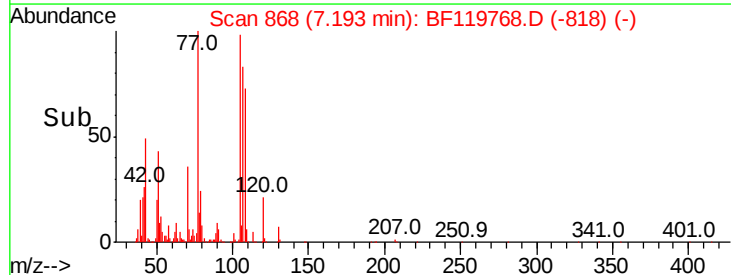
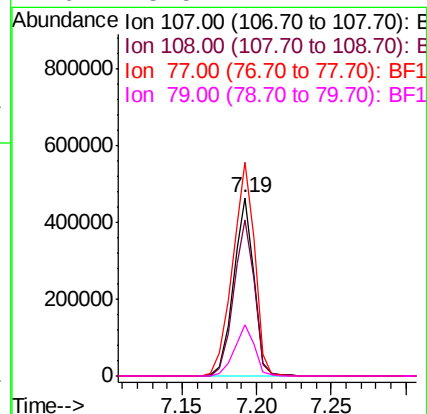
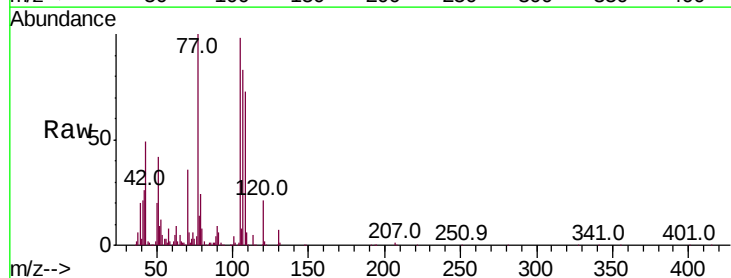
Instrument :
BNA_F
ClientSampleId :
PB128003BS

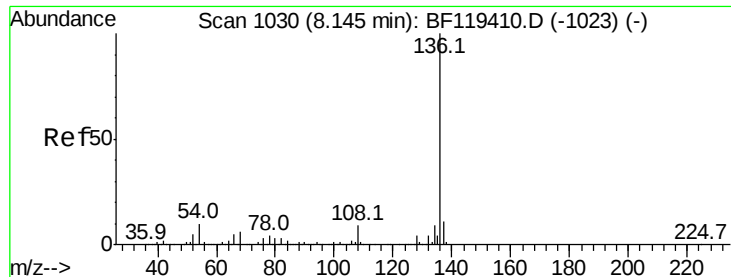
Tot Ion:	70	Resp:	295897
Ion	Ratio	Lower	Upper
70	100		
42	67.9	54.5	81.7
101	9.9	7.6	11.4
130	21.9	17.6	26.4



#20
3+4-Methylphenols
Concen: 39.642 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:	107	Resp:	446205
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.9	107.9
77	120.0	52.9	92.9
79	28.5	7.7	47.7

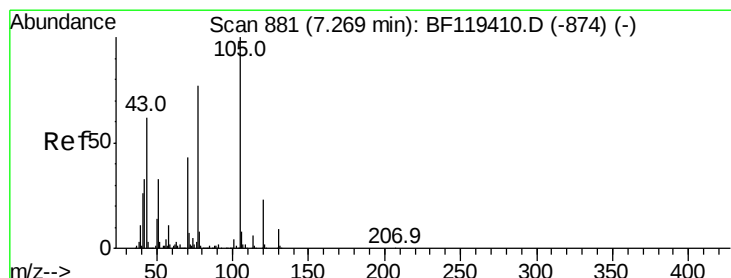
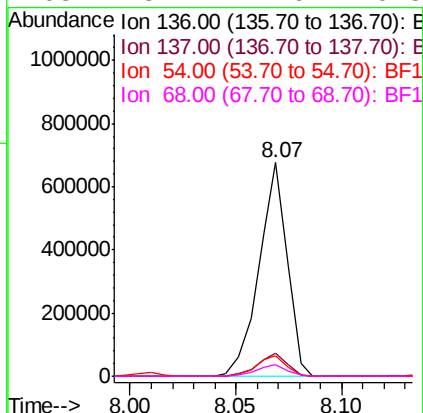
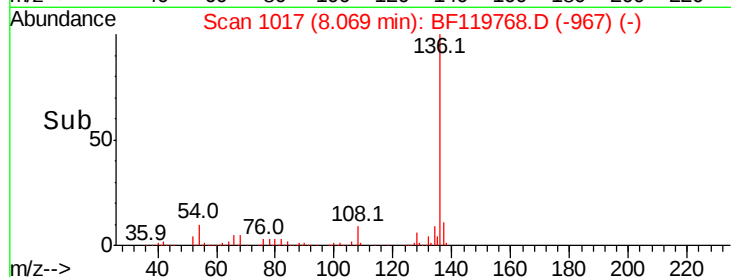
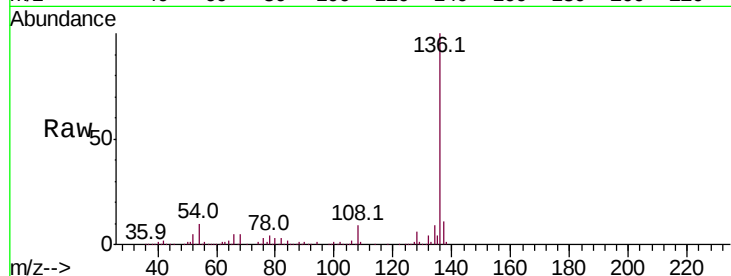




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

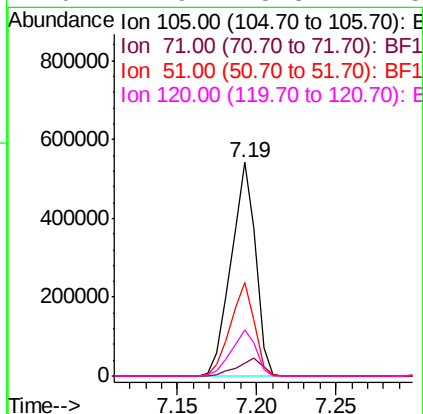
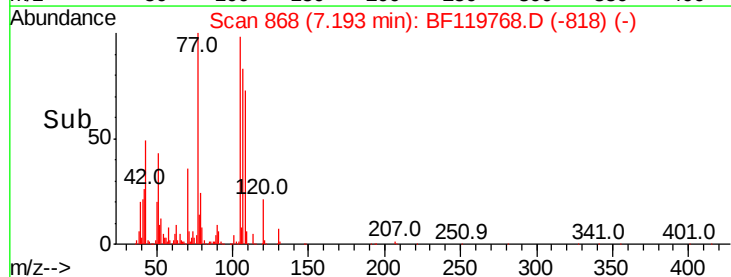
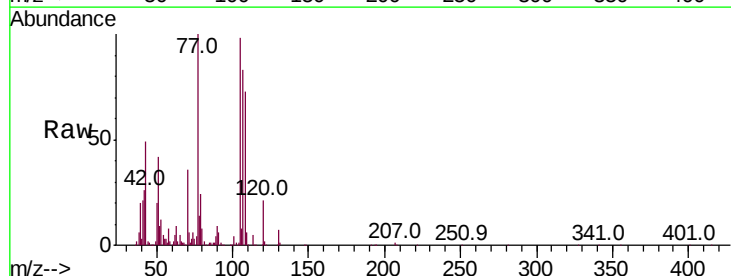
Instrument :
BNA_F
ClientSampleId :
PB128003BS

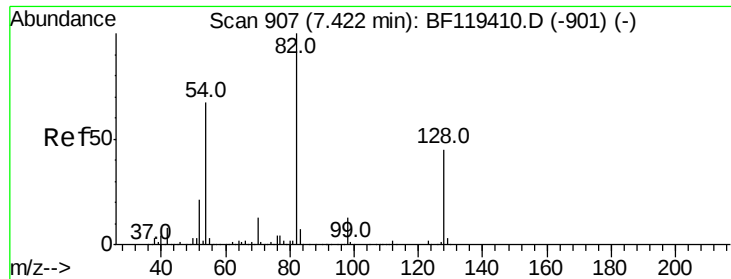
Tot Ion:136	Resp: 626252
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 9.8	9.1 13.7
68 5.4	4.6 6.8



#22
Acetophenone
Concen: 38.619 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt	Ion:105	Resp:	577902
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.7	8.5
51	43.5	26.2	39.4#
120	21.9	18.3	27.5

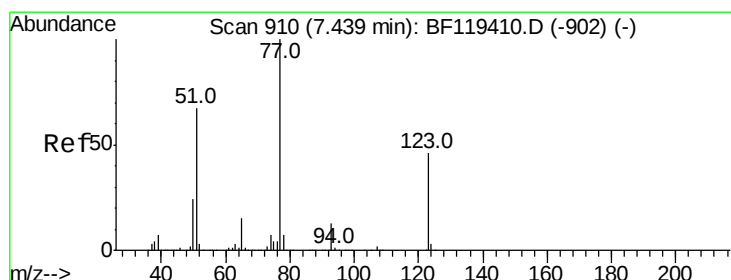
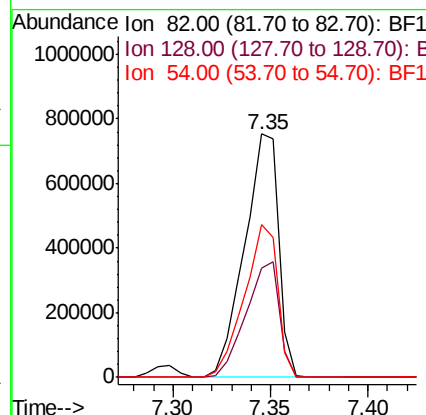
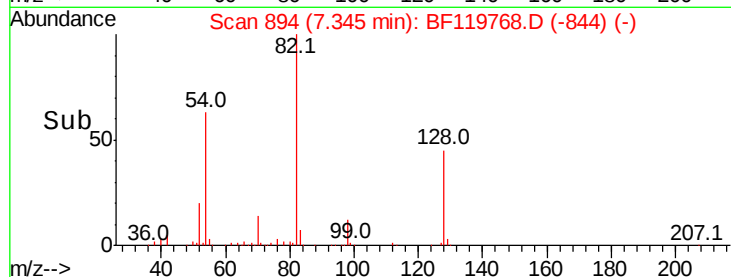
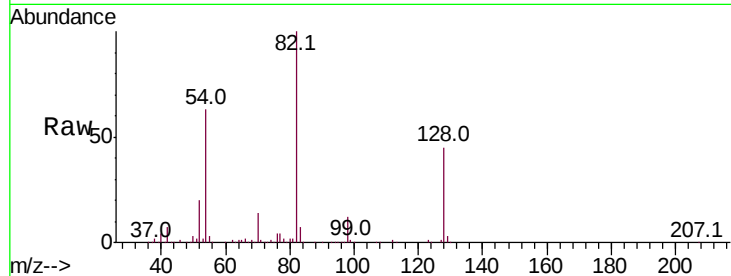




#23
Nitrobenzene-d5
Concen: 79.365 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

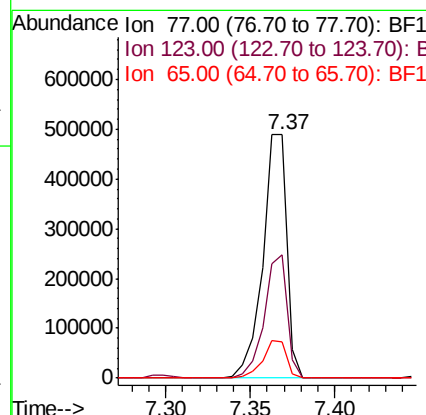
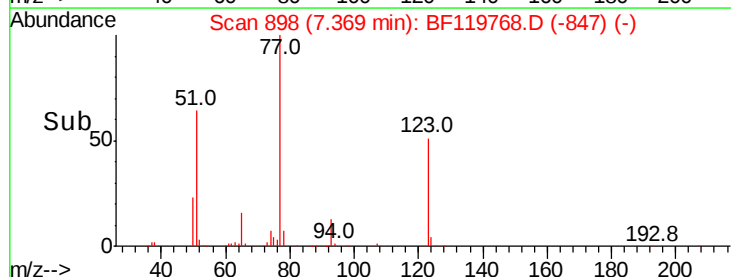
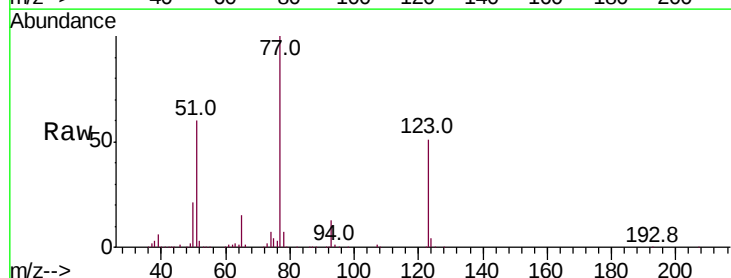
Instrument :
BNA_F
ClientSampled :
PB128003BS

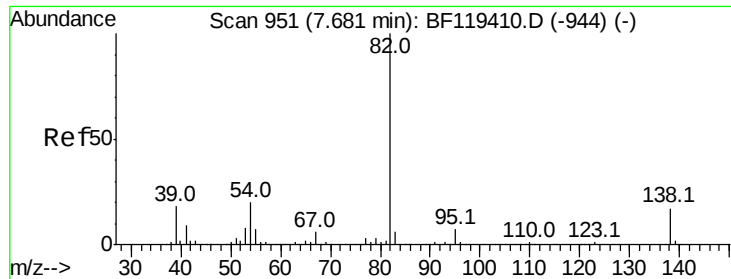
Tot Ion: 82 Resp: 914520
Ion Ratio Lower Upper
82 100
128 45.1 36.3 54.5
54 63.0 50.6 75.8



#24
Nitrobenzene
Concen: 39.332 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion: 77 Resp: 484360
Ion Ratio Lower Upper
77 100
123 50.7 38.0 57.0
65 14.9 12.6 18.8





#25

Isophorone

Concen: 37.541 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

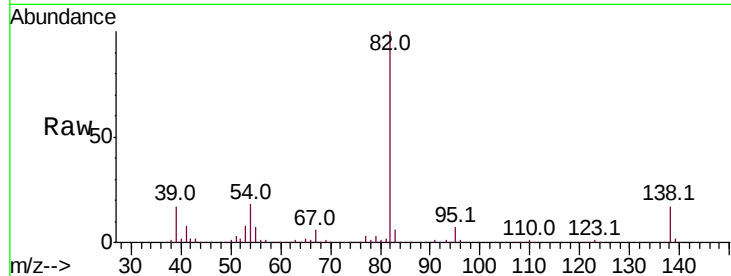
Tot Ion: 82 Resp: 877522

Ion Ratio Lower Upper

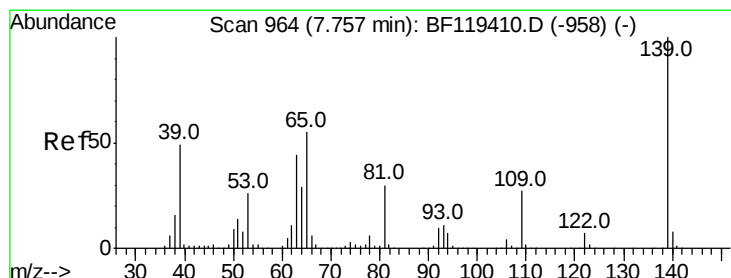
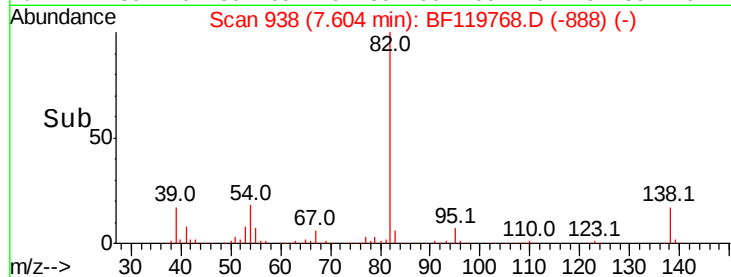
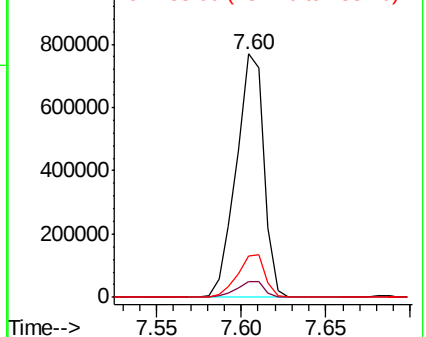
82 100

95 6.6 5.8 8.6

138 17.0 14.6 21.8



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



#26

2-Nitrophenol

Concen: 52.384 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

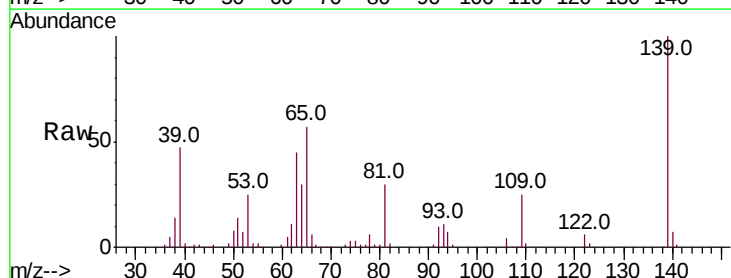
Tgt Ion:139 Resp: 253997

Ion Ratio Lower Upper

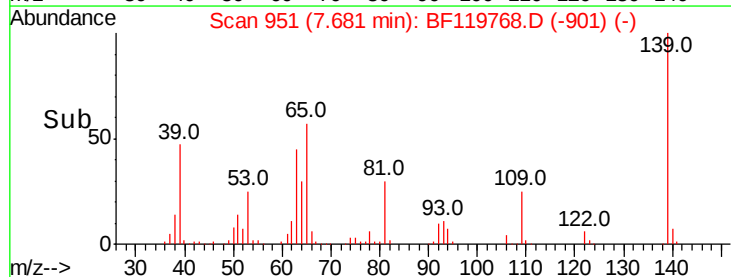
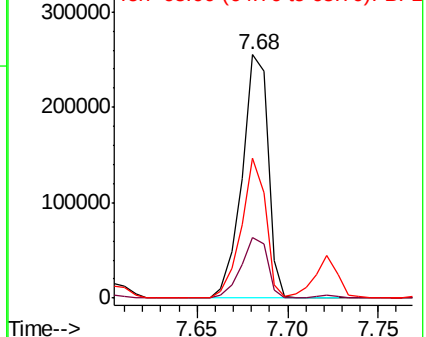
139 100

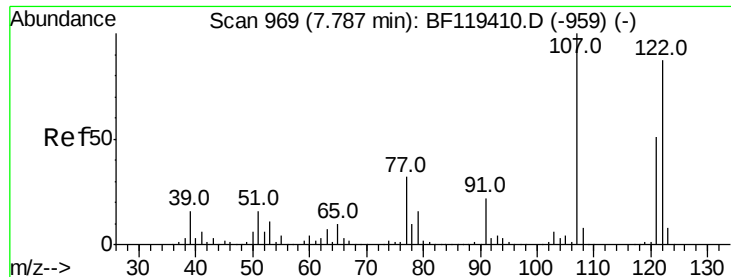
109 24.7 22.1 33.1

65 57.3 49.2 73.8



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

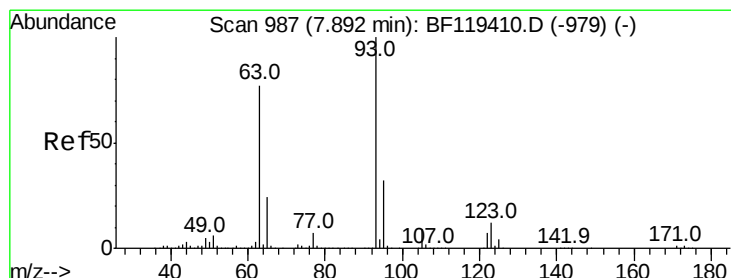
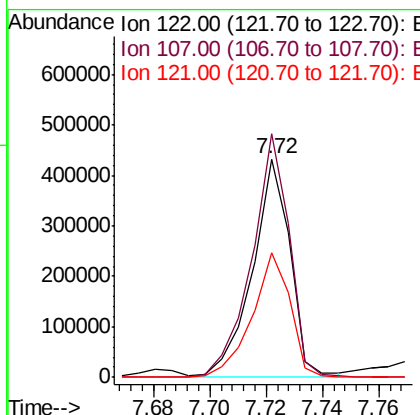
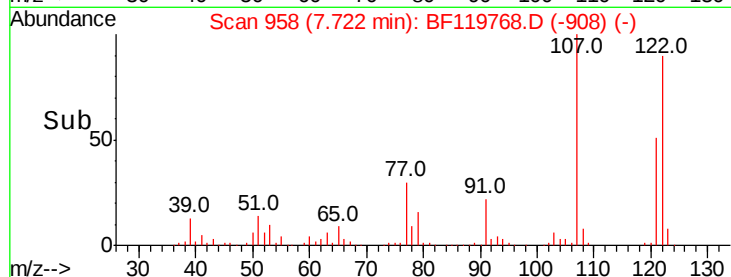
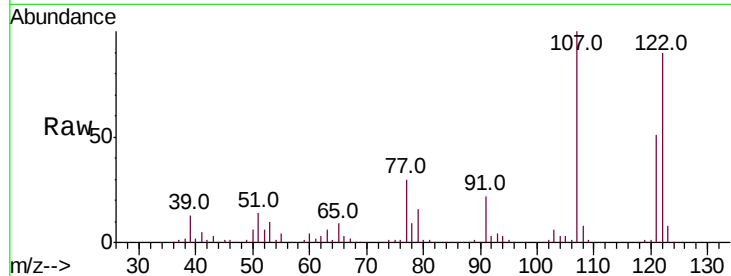




#27
2,4-Dimethylphenol
Concen: 39.907 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

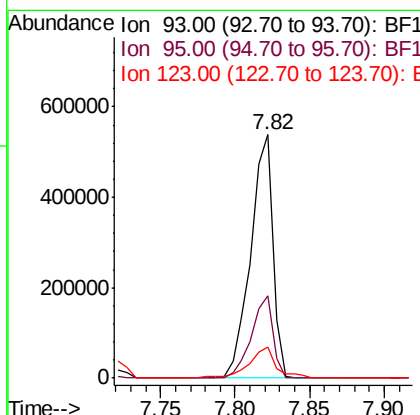
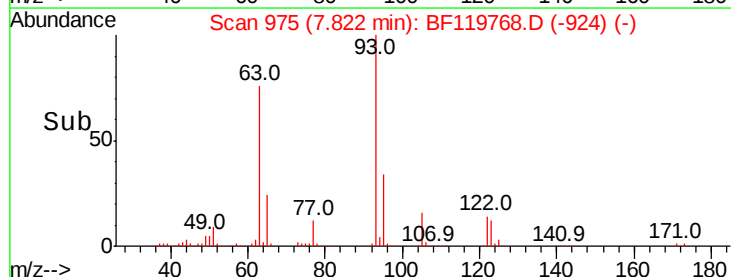
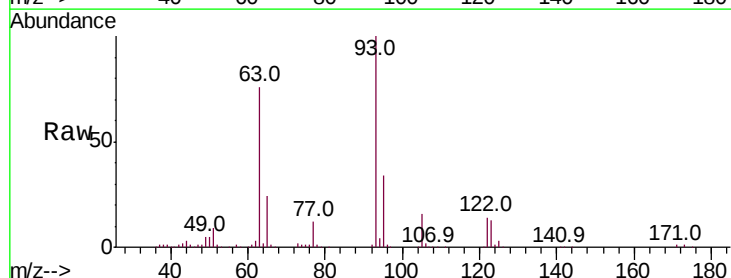
Instrument :
BNA_F
ClientSampleId :
PB128003BS

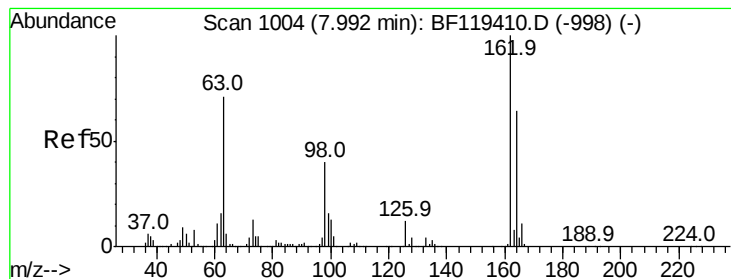
Tot Ion:122 Resp: 400104
Ion Ratio Lower Upper
122 100
107 111.6 89.0 133.6
121 56.8 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.056 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion: 93 Resp: 553660
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 12.6 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 41.910 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

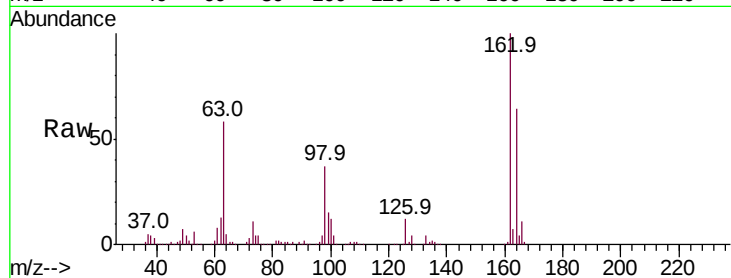
Tot Ion:162 Resp: 386082

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

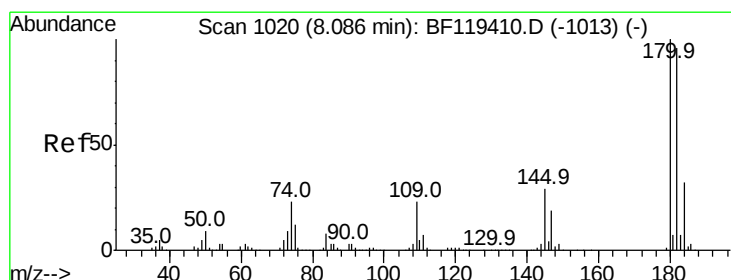
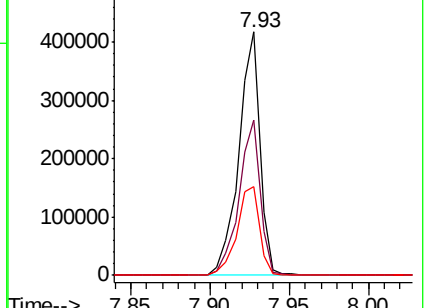
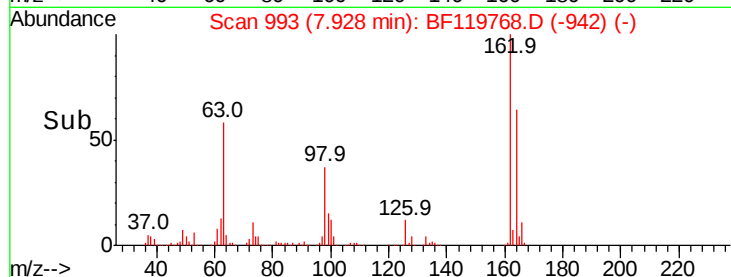
98 36.5 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.384 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

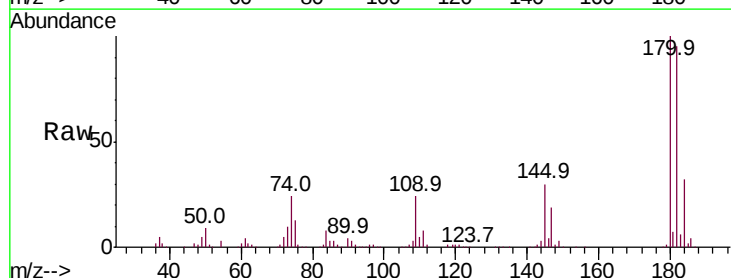
Tgt Ion:180 Resp: 421614

Ion Ratio Lower Upper

180 100

182 95.3 74.7 112.1

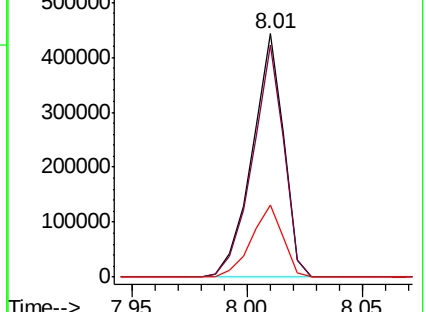
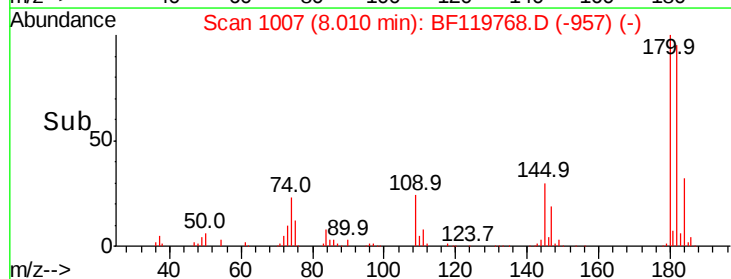
145 29.5 24.5 36.7

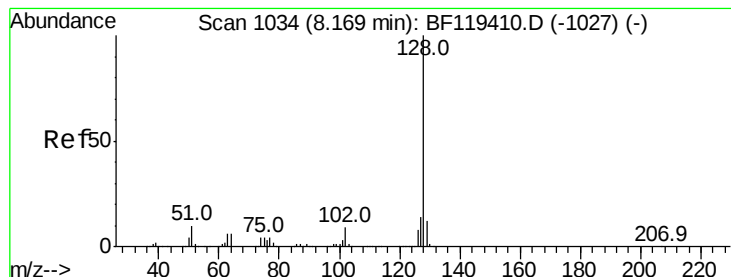


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.946 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

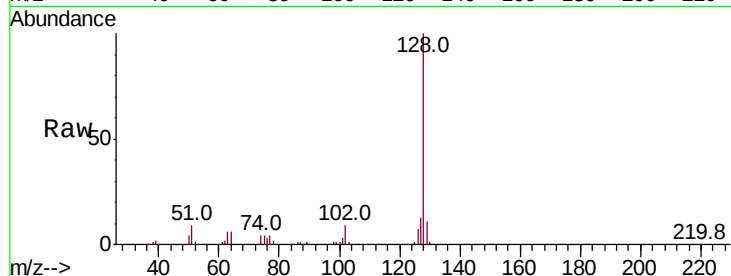
Tot Ion:128 Resp: 1351808

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

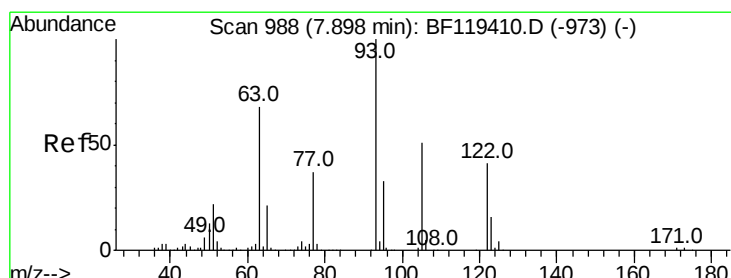
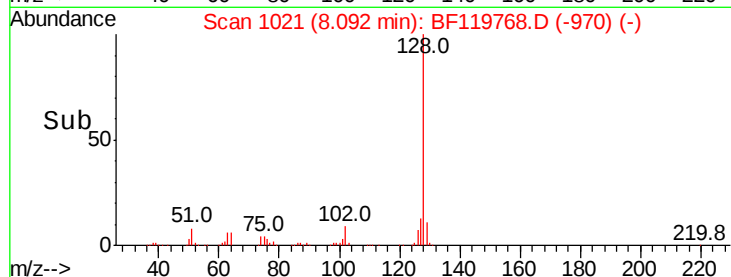
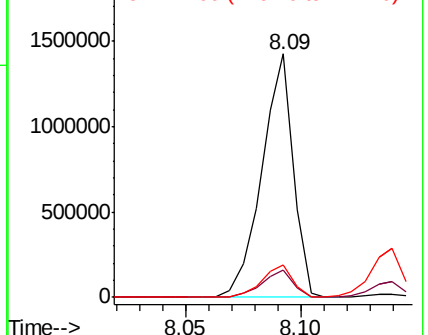
127 13.3 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.091 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

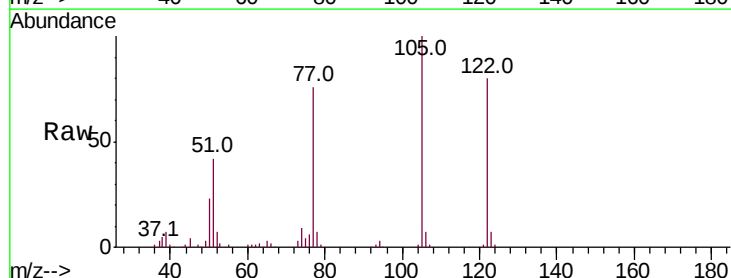
Tgt Ion:122 Resp: 310150

Ion Ratio Lower Upper

122 100

105 124.6 104.9 144.9

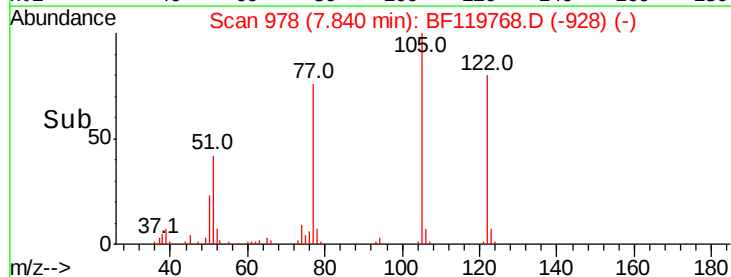
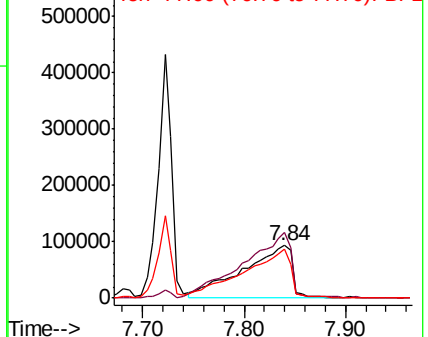
77 94.3 74.4 114.4

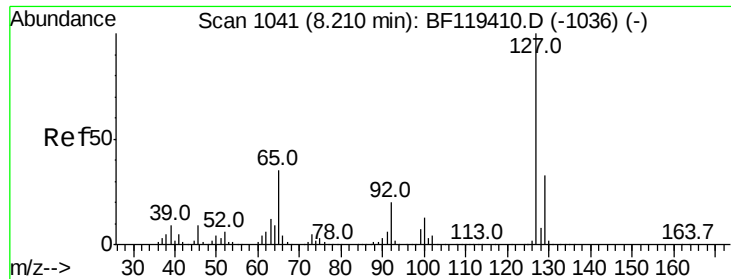


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

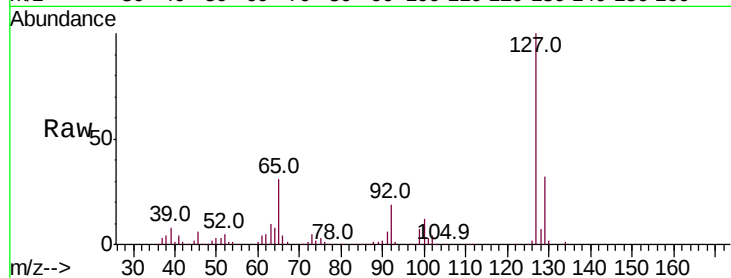




#33
4-Chloroaniline
Concen: 18.674 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:	127	Resp:	275769
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	30.7	27.4	41.0
92	18.9	15.3	22.9



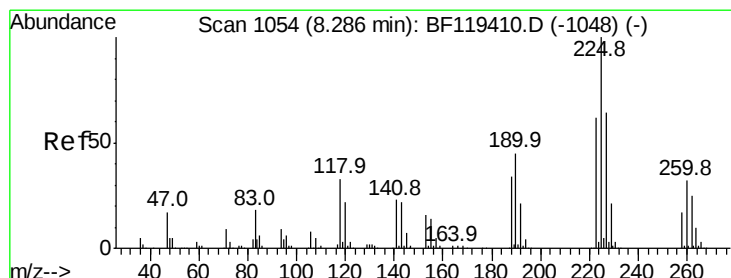
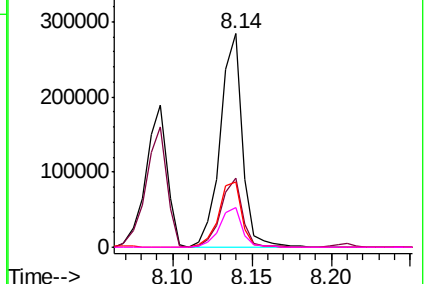
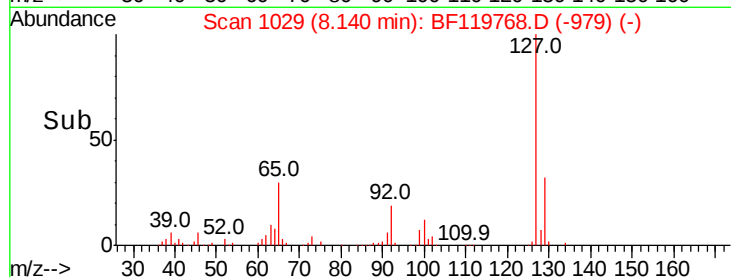
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

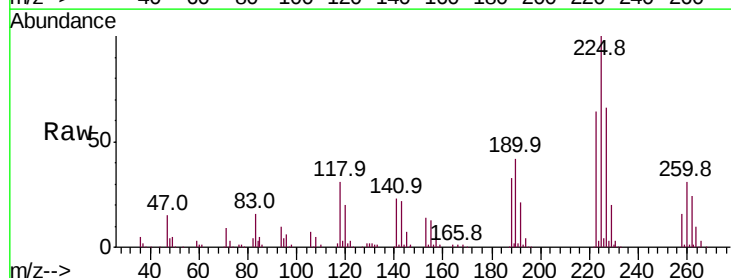
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.818 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:	225	Resp:	238370
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	65.7	50.7	76.1

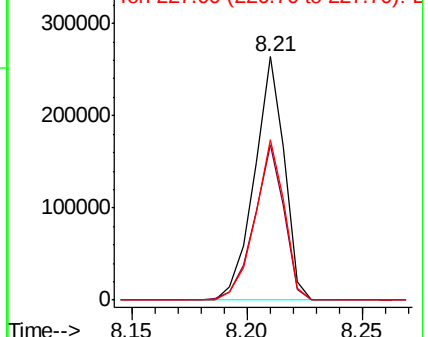
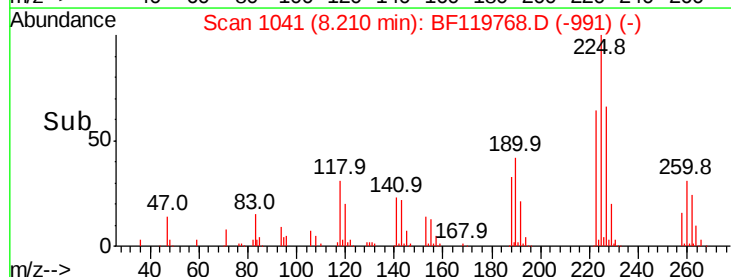


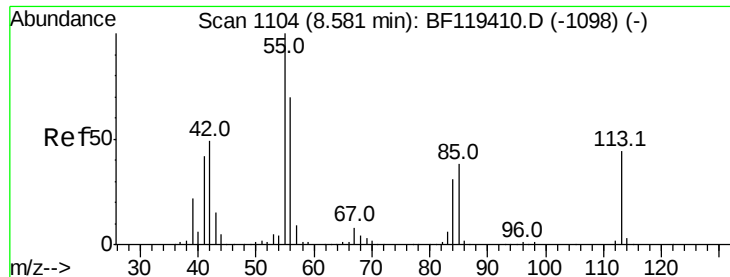
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

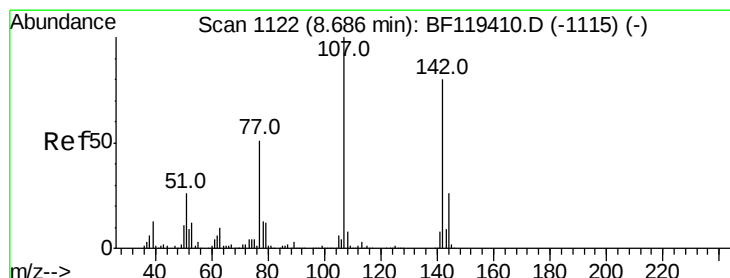
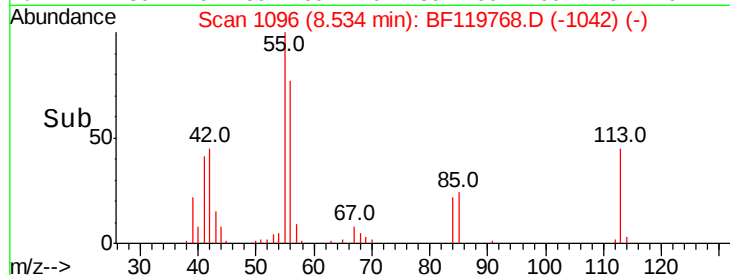
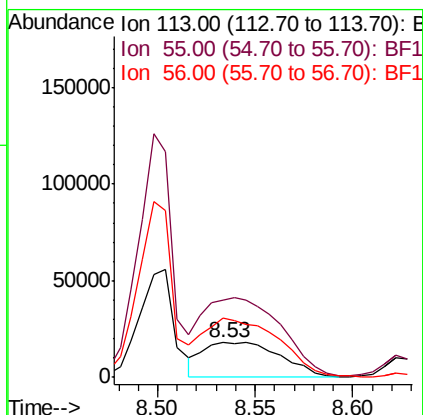
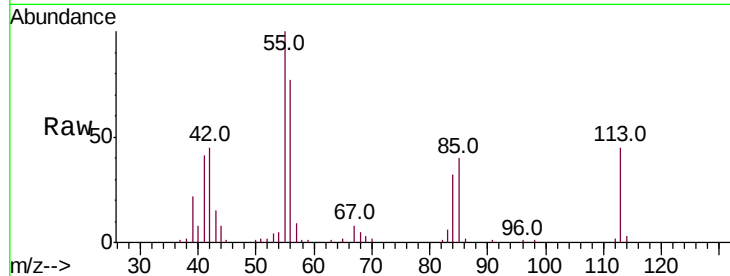




#35
 Caprolactam
 Concen: 16.723 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.02 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

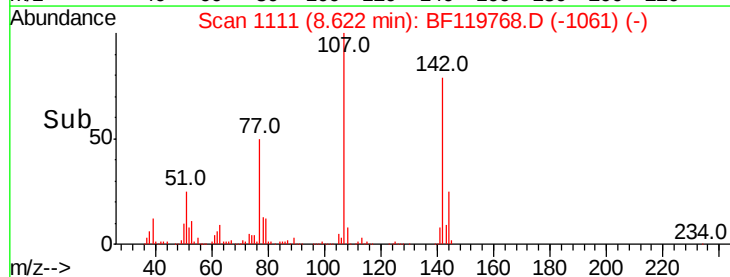
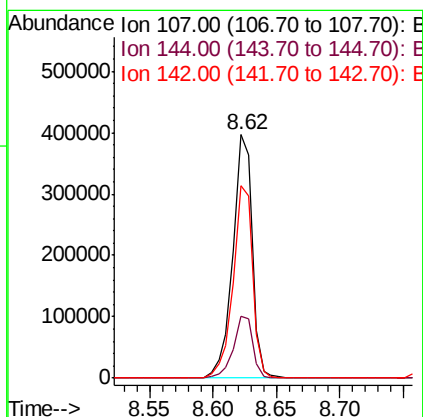
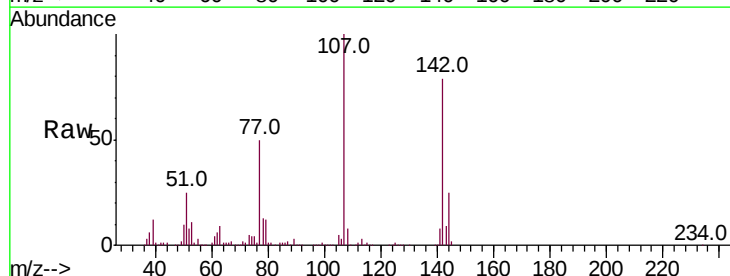
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

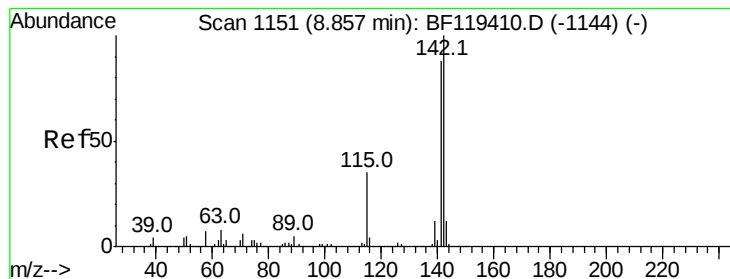
Tot Ion:113 Resp: 50419
 Ion Ratio Lower Upper
 113 100
 55 222.2 218.4 258.4
 56 170.4 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.256 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:107 Resp: 415391
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.6
 142 79.1 64.4 96.6





#37

2-Methylnaphthalene

Concen: 41.938 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

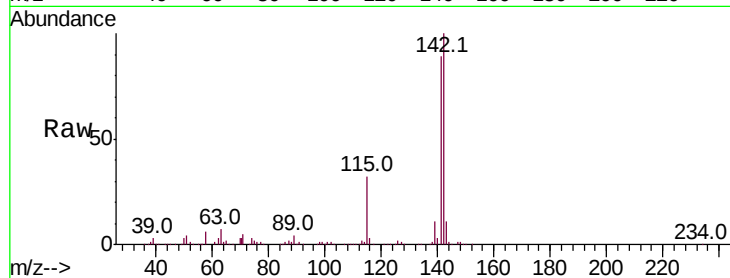
Tot Ion:142 Resp: 887012

Ion Ratio Lower Upper

142 100

141 89.1 71.7 107.5

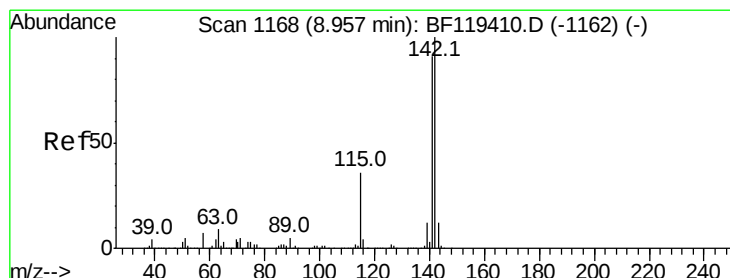
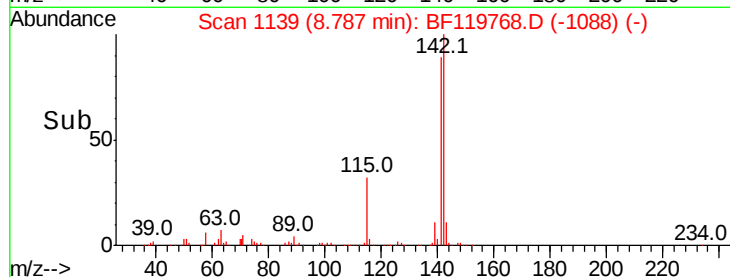
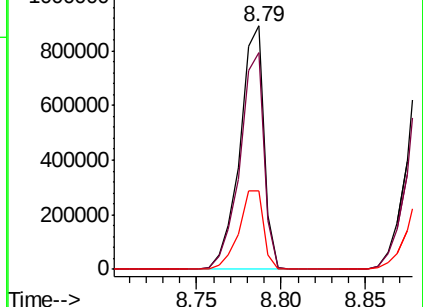
115 32.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.527 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

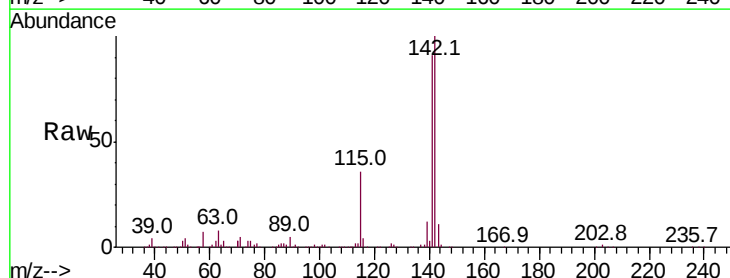
Tgt Ion:142 Resp: 851367

Ion Ratio Lower Upper

142 100

141 90.6 73.7 110.5

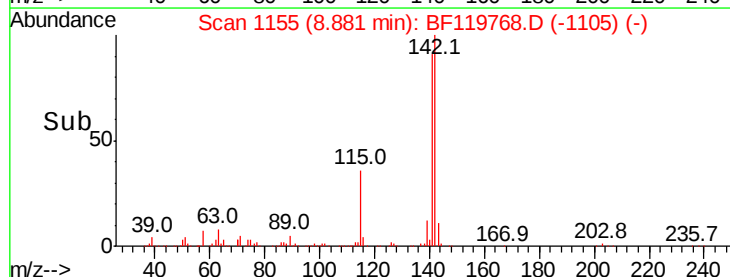
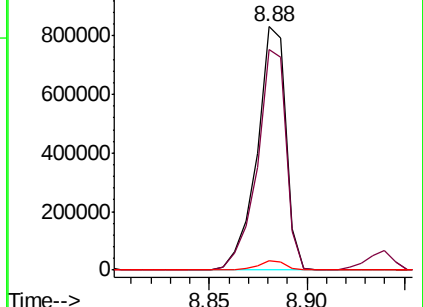
116 3.7 3.0 4.6

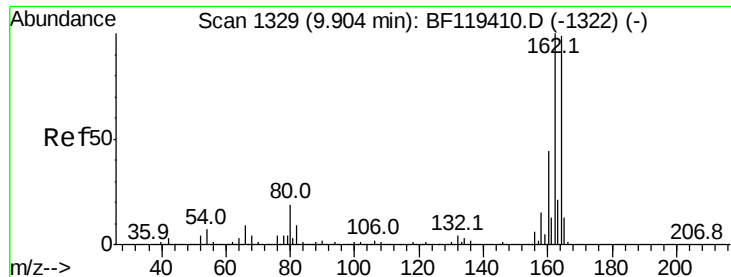


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

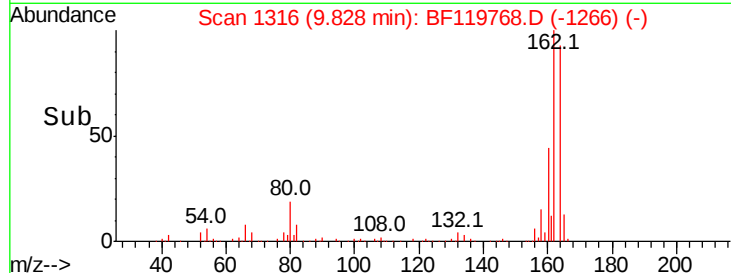
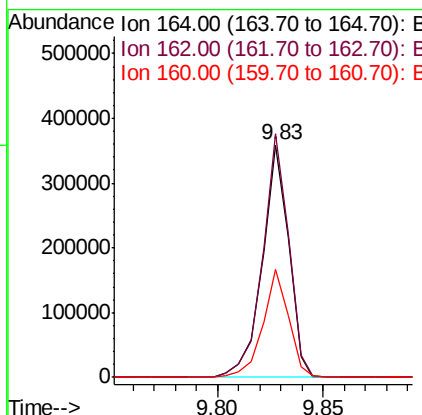
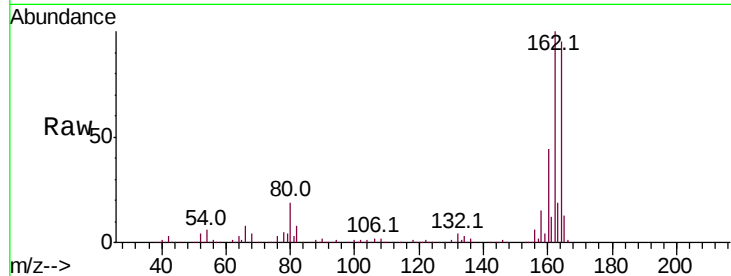




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

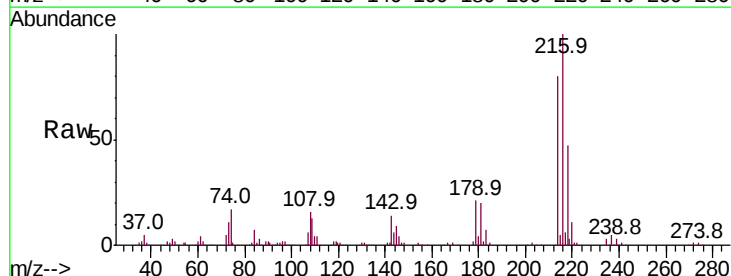
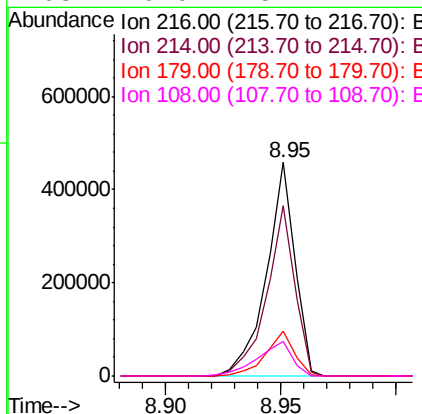
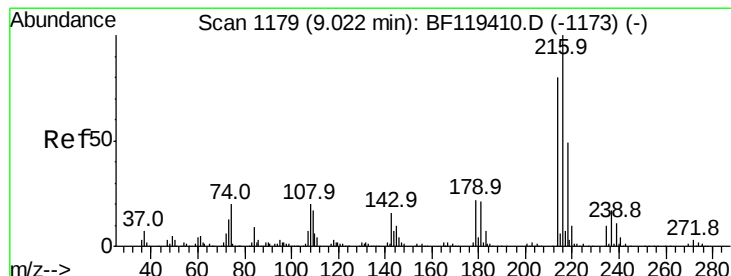
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

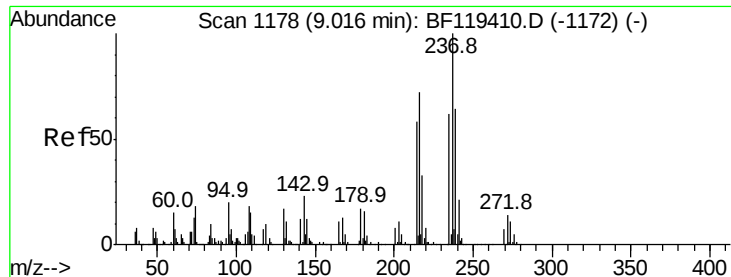
Tot Ion:164 Resp: 314308
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.6 121.0
 160 46.5 35.7 53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.691 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:216 Resp: 393294
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.2 94.8
 179 21.0 17.1 25.7
 108 20.0 15.1 22.7

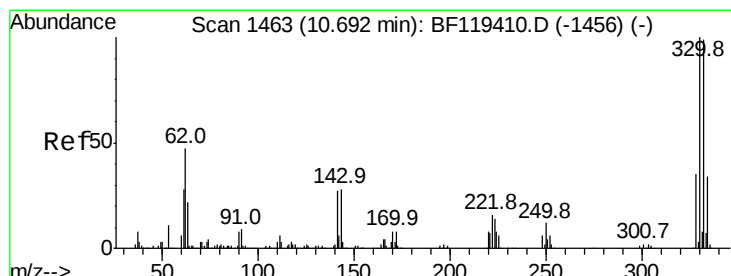
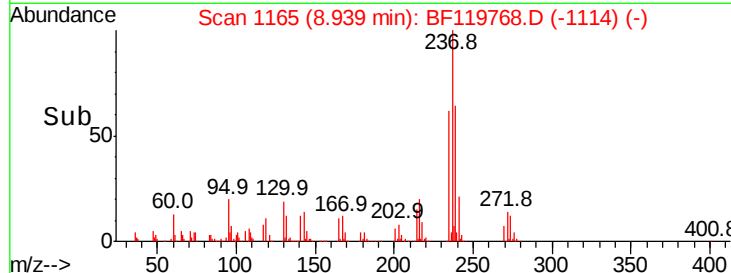
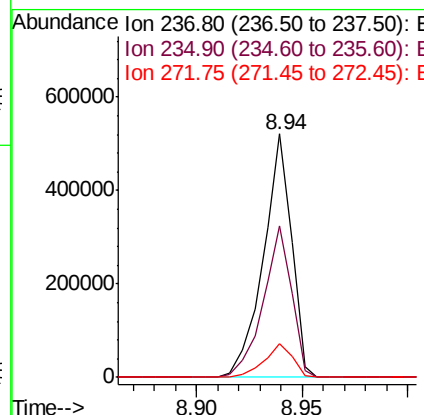
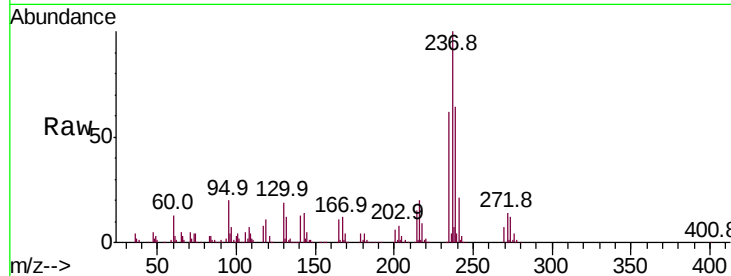




#41
Hexachlorocyclopentadiene
Concen: 92.296 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

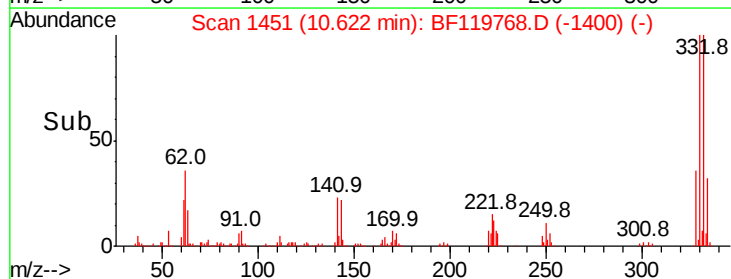
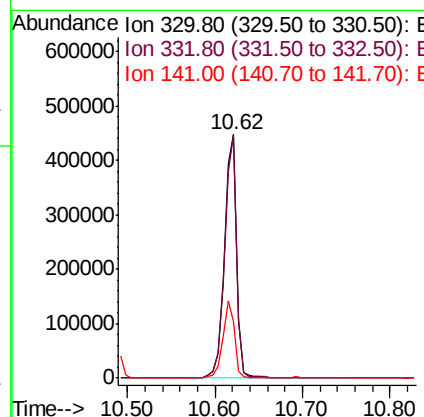
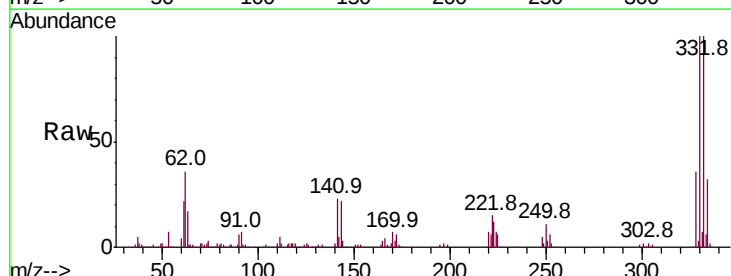
Instrument :
BNA_F
ClientSampleId :
PB128003BS

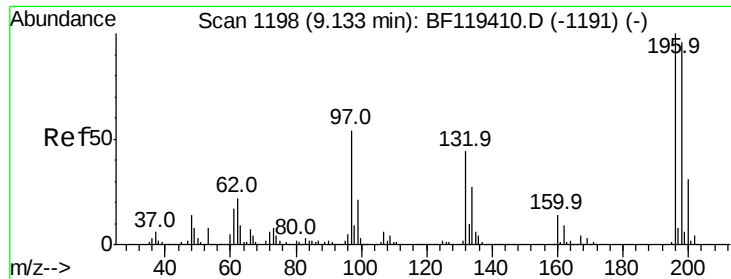
Tot Ion:237 Resp: 483400
Ion Ratio Lower Upper
237 100
235 62.4 43.2 83.2
272 14.0 0.0 34.1



#42
2,4,6-Tribromophenol
Concen: 133.143 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:330 Resp: 431729
Ion Ratio Lower Upper
330 100
332 97.2 75.7 113.5
141 30.5 25.4 38.0

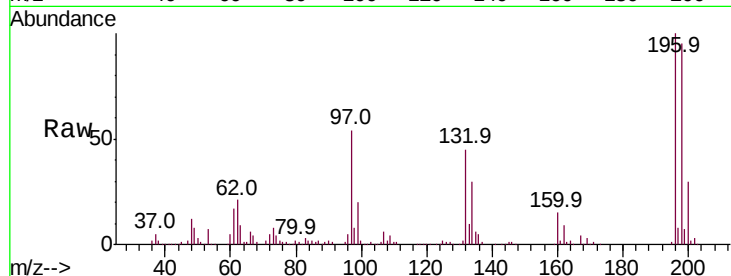




#43
 2,4,6-Trichlorophenol
 Concen: 43.731 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.6	115.0
200	30.4	24.6	36.8

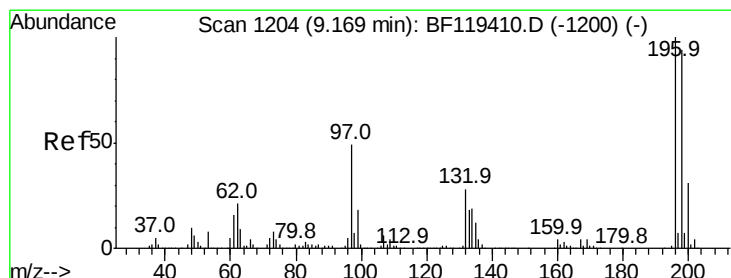
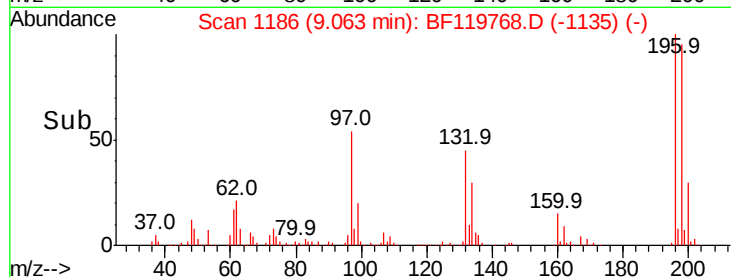
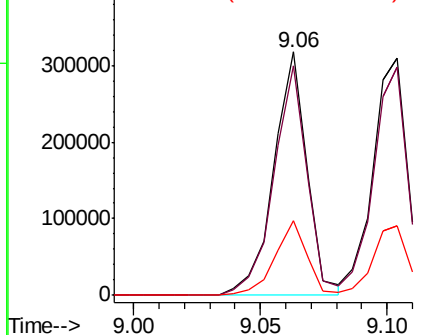


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.721 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	73.8	110.8
97	44.4	42.6	63.8
132	27.6	24.0	36.0

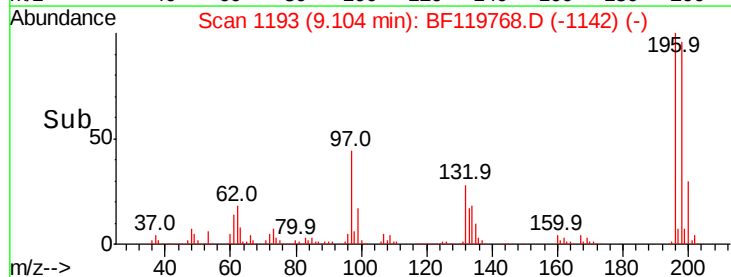
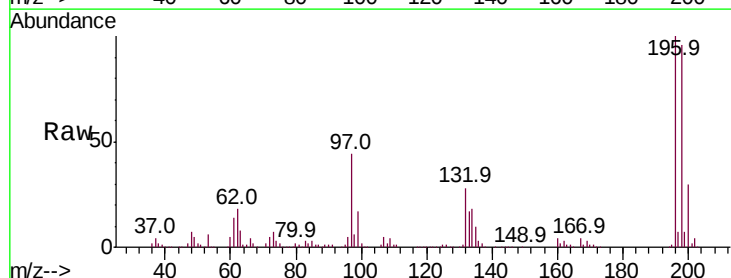
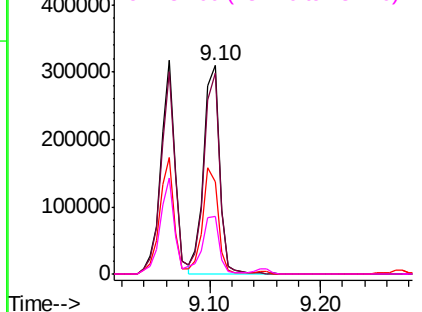
Abundance

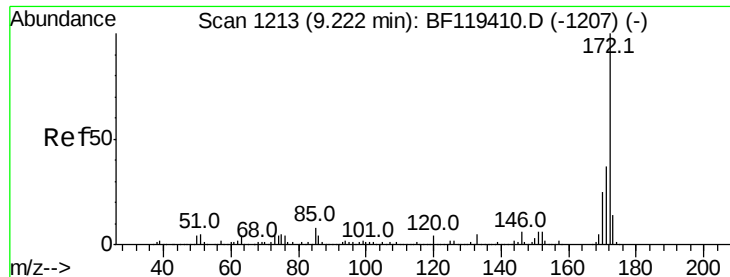
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

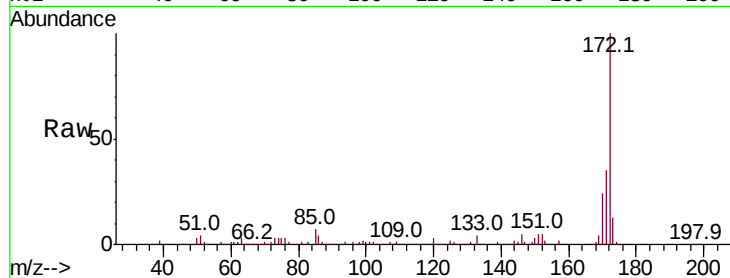




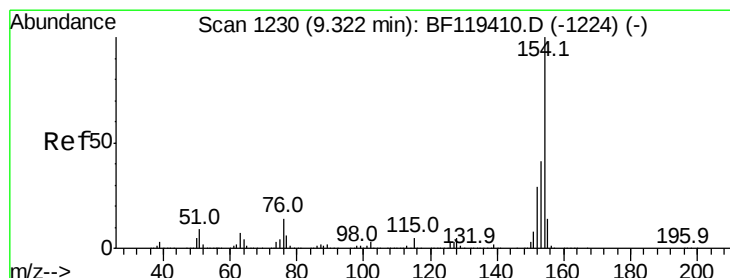
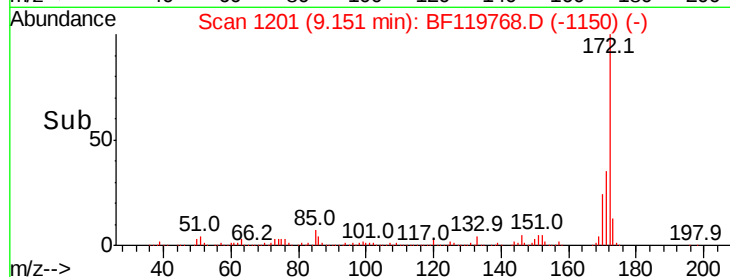
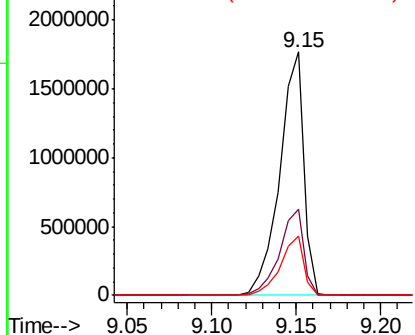
#45
2-Fluorobiphenyl
Concen: 82.850 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:172 Resp: 1757744
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.1 20.2 30.2

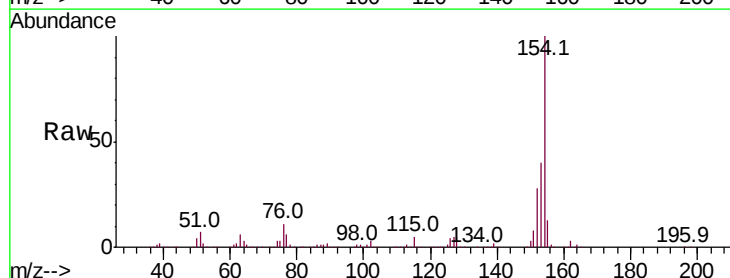


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

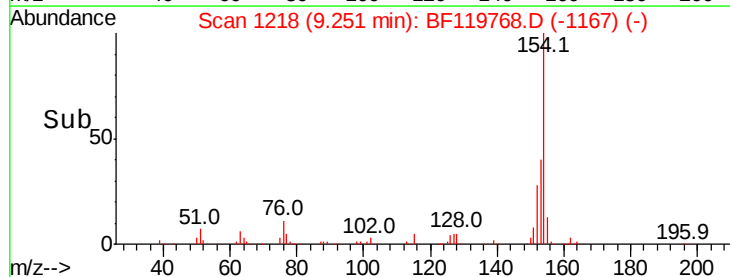
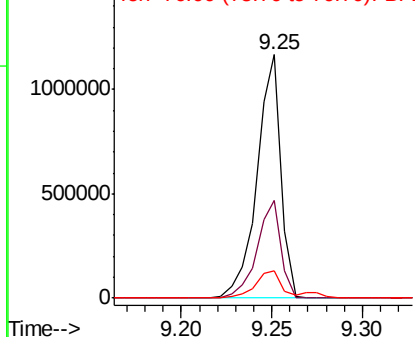


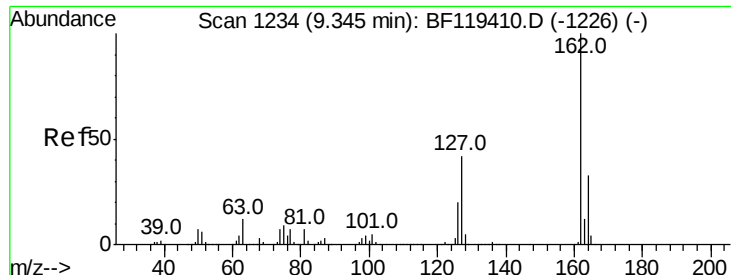
#46
1,1'-Biphenyl
Concen: 41.586 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:154 Resp: 1064550
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 11.5 0.0 33.0



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





#47

2-Chloronaphthalene

Concen: 41.749 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

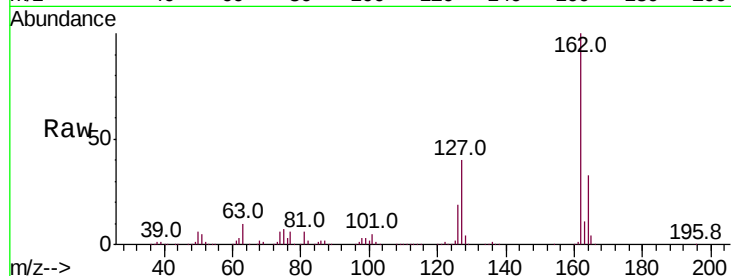
Tot Ion:162 Resp: 837139

Ion Ratio Lower Upper

162 100

127 40.0 33.7 50.5

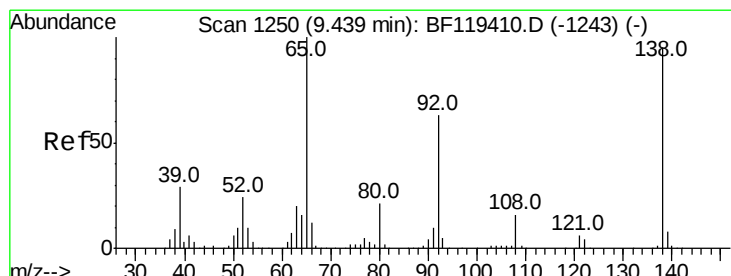
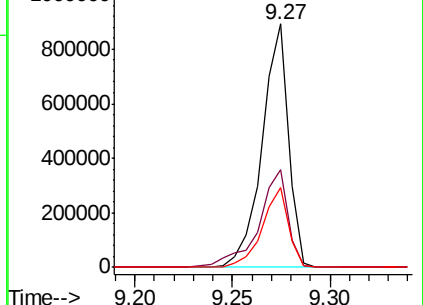
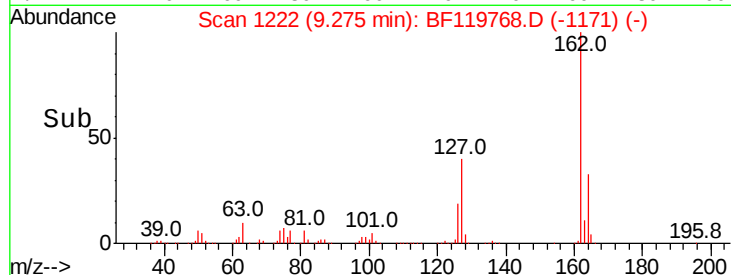
164 32.8 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.068 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

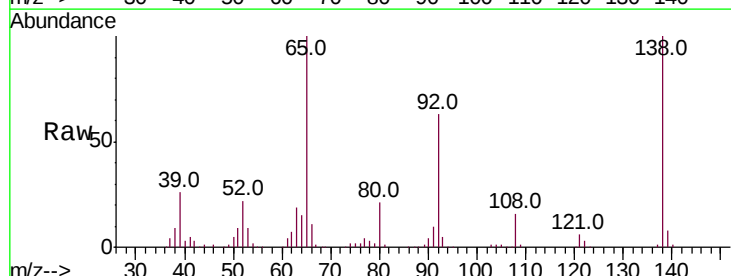
Tgt Ion: 65 Resp: 291155

Ion Ratio Lower Upper

65 100

92 63.1 50.0 75.0

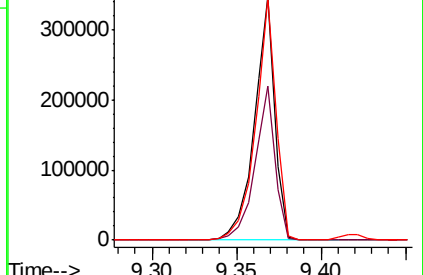
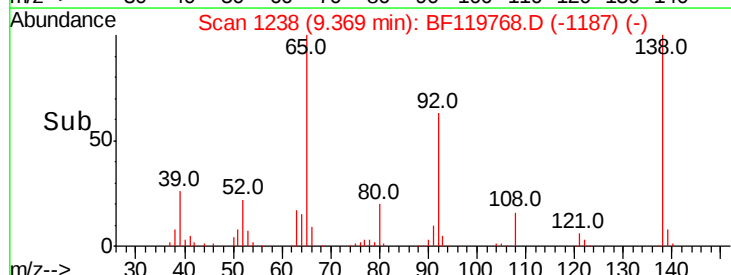
138 99.7 75.0 112.4

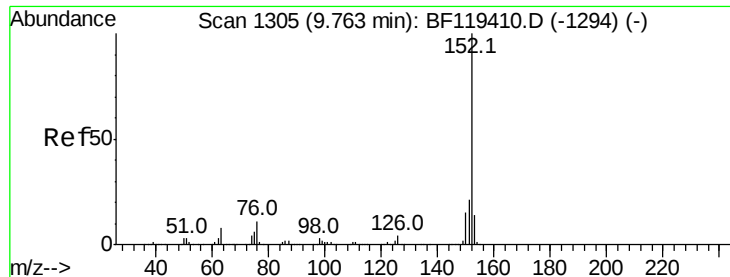


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.741 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

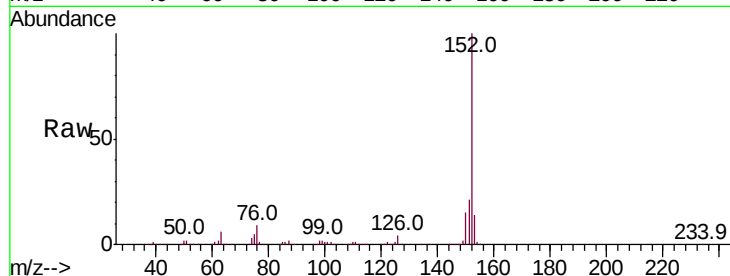
Tot Ion:152 Resp: 1314358

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

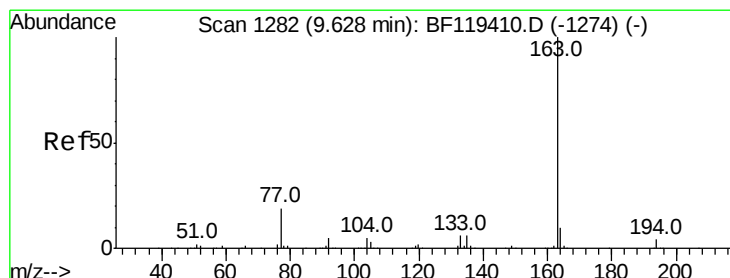
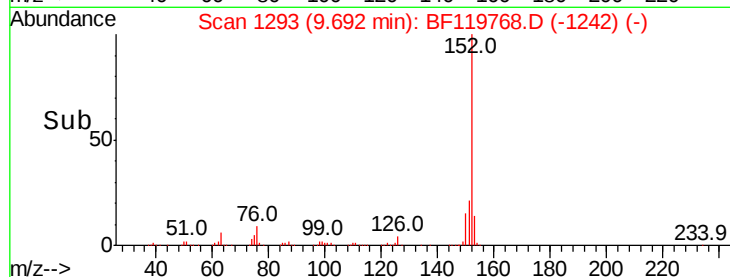
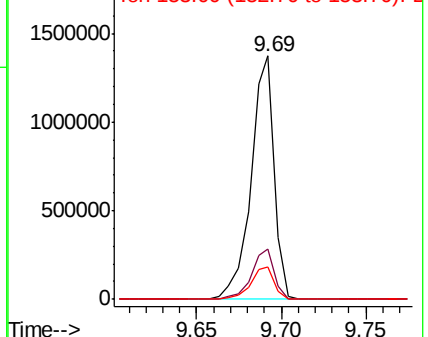
153 13.5 11.2 16.8



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: 42.384 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

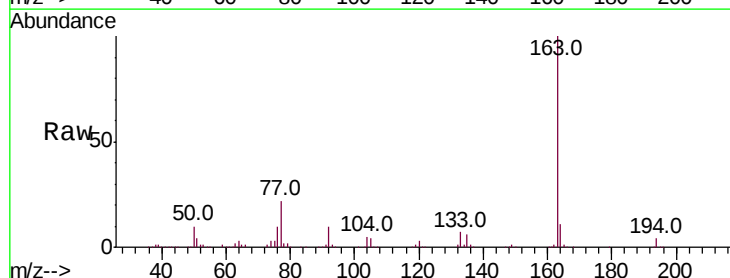
Tgt Ion:163 Resp: 946233

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

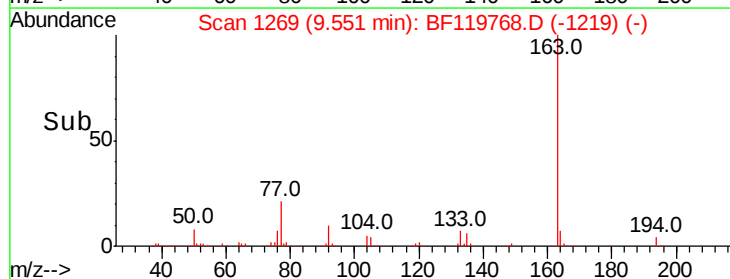
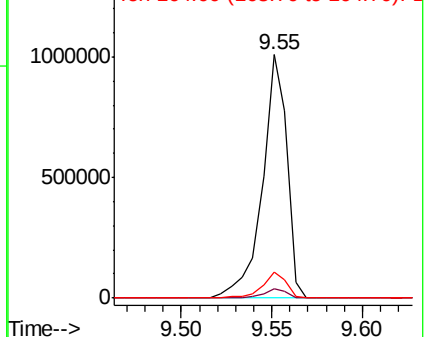
164 10.7 8.2 12.2

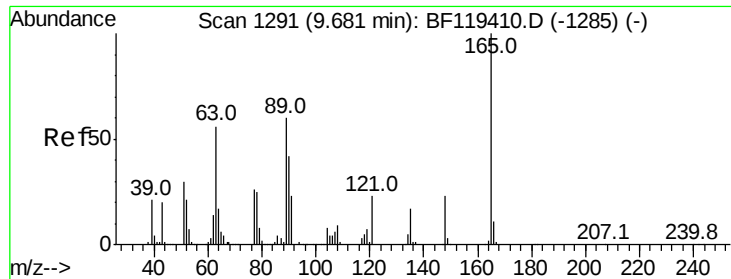


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

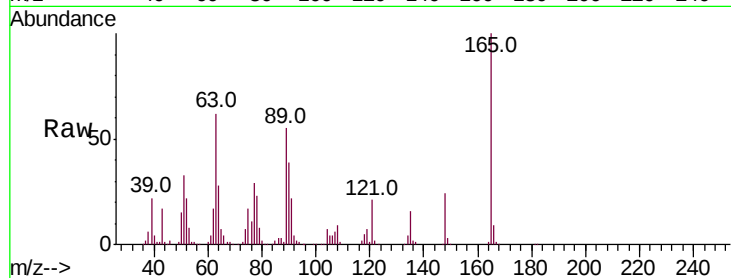




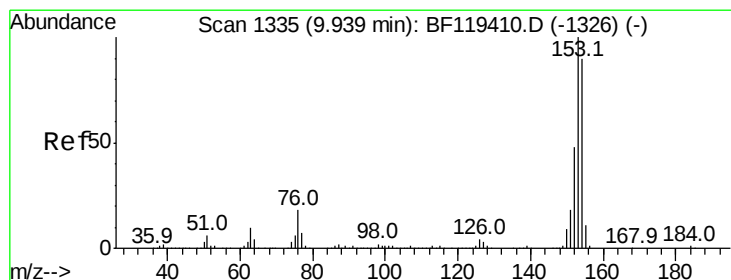
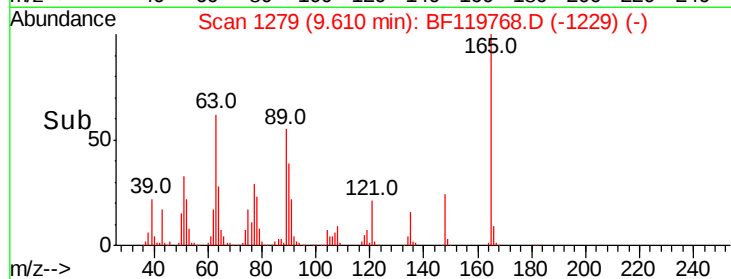
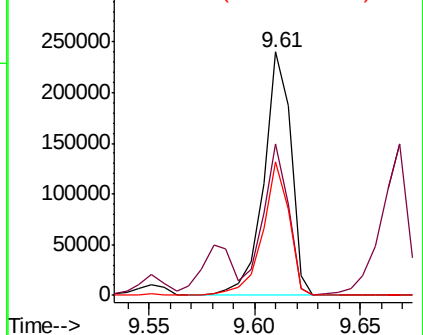
#51
2,6-Dinitrotoluene
Concen: 45.024 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.1	45.0	67.4
89	54.8	41.5	62.3

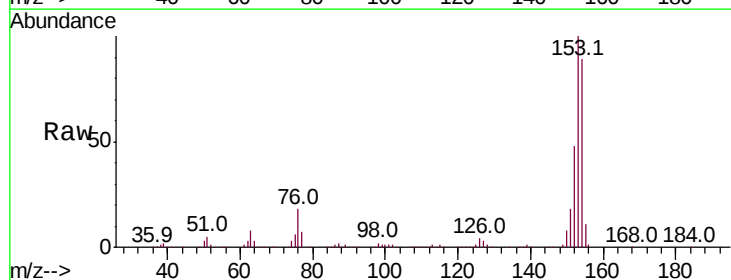


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

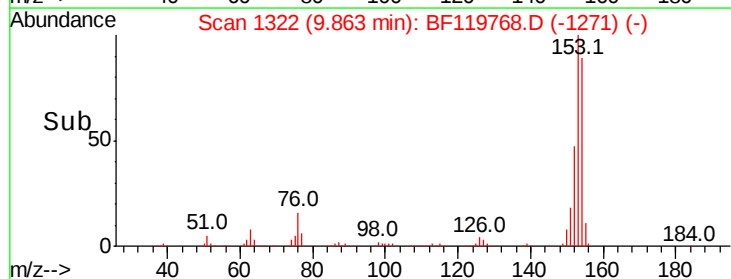
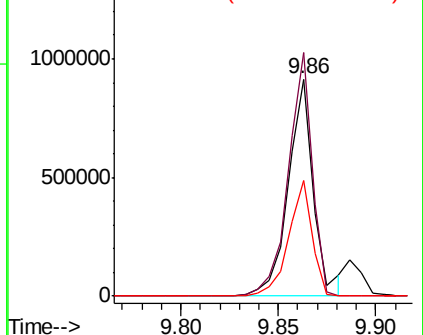


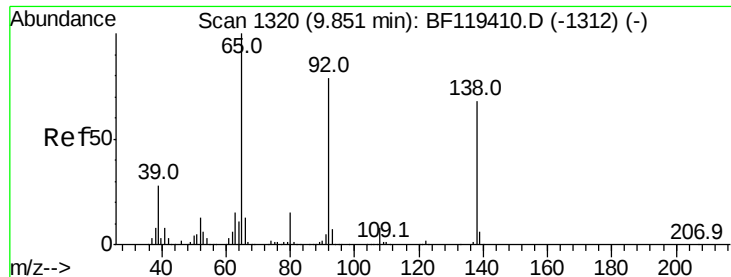
#52
Acenaphthene
Concen: 41.582 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.1	132.1
152	53.4	43.0	64.4



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

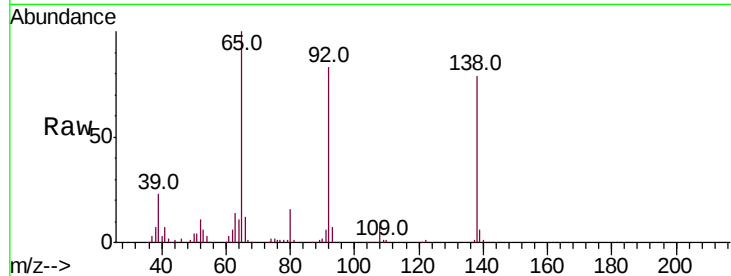




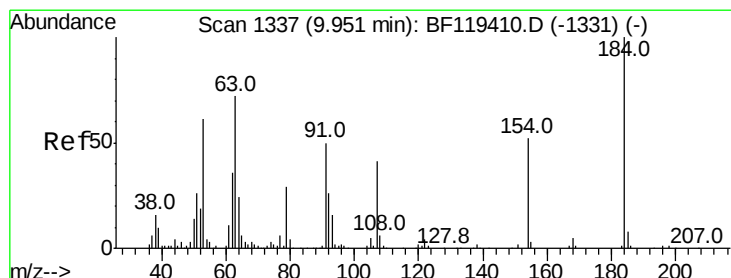
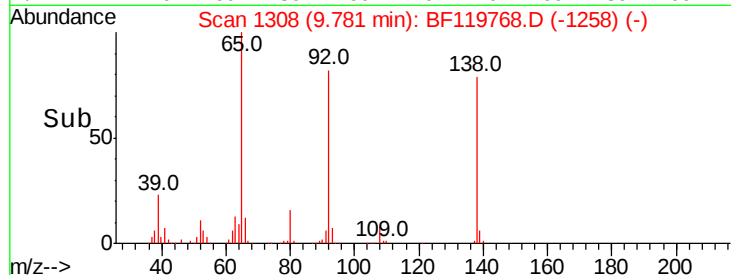
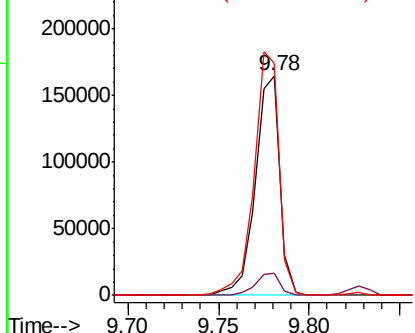
#53
3-Nitroaniline
Concen: 25.675 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:138 Resp: 155112
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 105.4 95.4 143.0

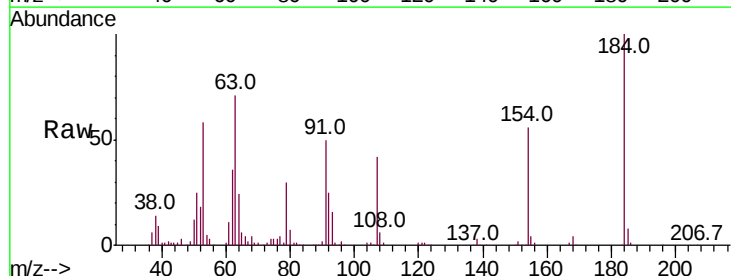


Abundance Ion 138.00 (137.70 to 138.70): E
250000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

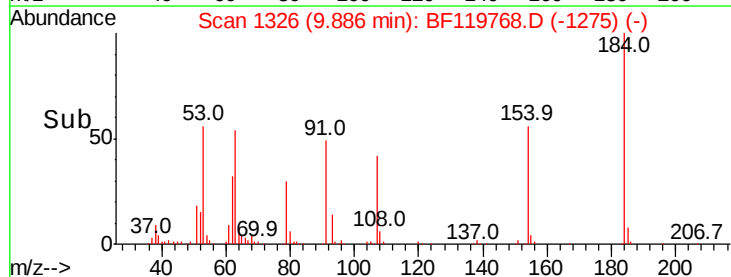
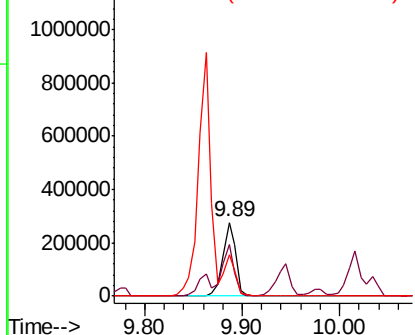


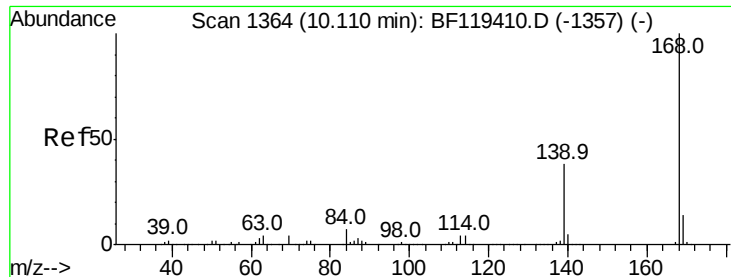
#54
2,4-Dinitrophenol
Concen: 120.124 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:184 Resp: 257041
Ion Ratio Lower Upper
184 100
63 70.6 50.2 75.4
154 56.4 44.5 66.7



Abundance Ion 184.00 (183.70 to 184.70): E
1200000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

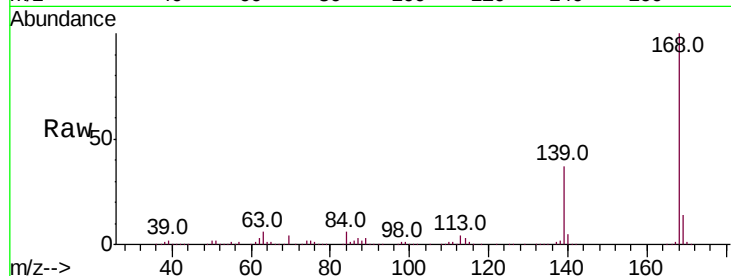




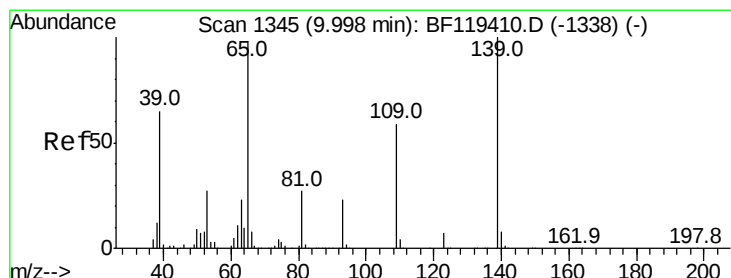
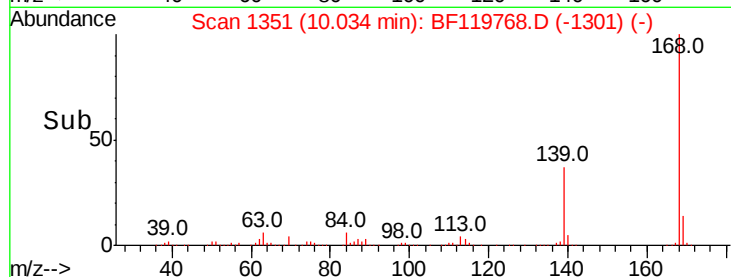
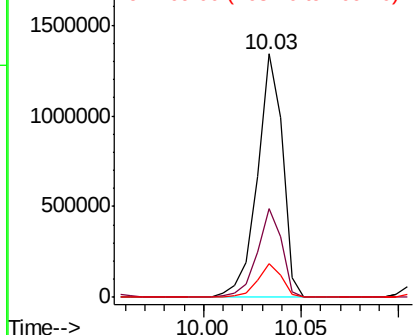
#55
Dibenzofuran
Concen: 42.493 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:168 Resp: 1195965
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.6 11.0 16.6

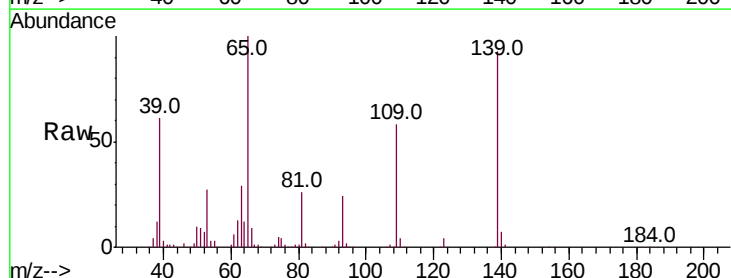


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

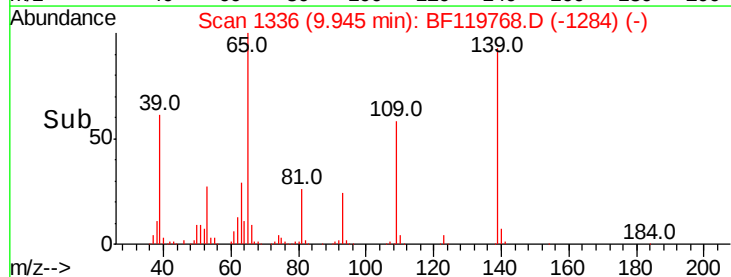
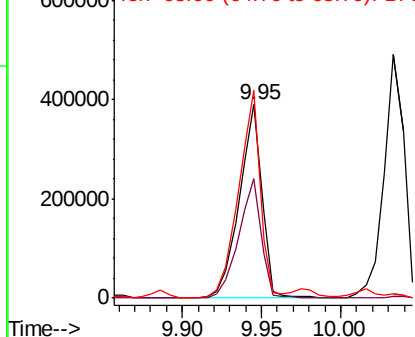


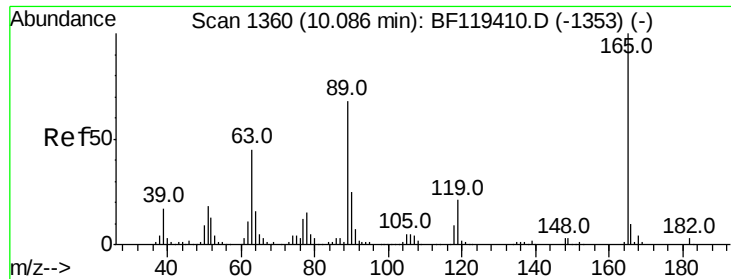
#56
4-Nitrophenol
Concen: 81.198 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:139 Resp: 386979
Ion Ratio Lower Upper
139 100
109 61.9 43.3 83.3
65 107.5 91.0 131.0



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

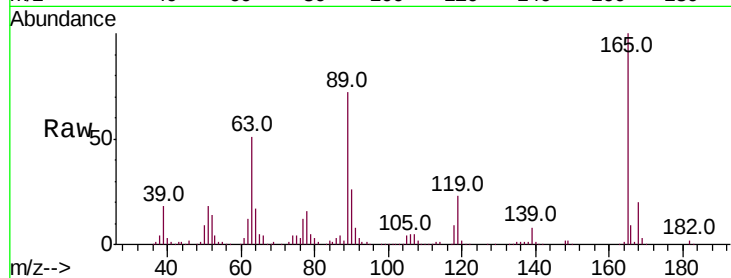




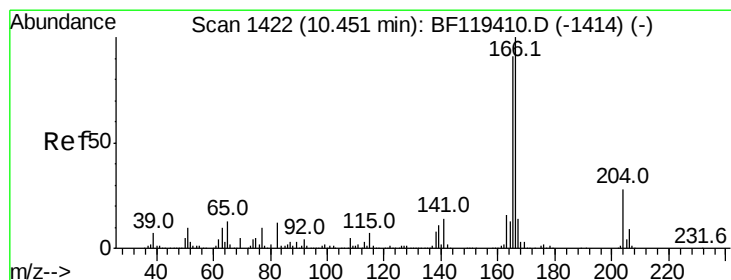
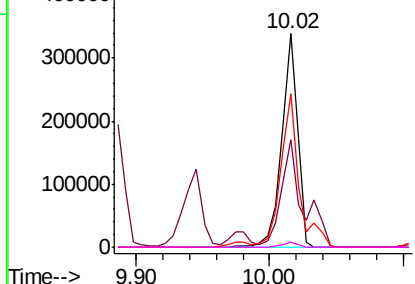
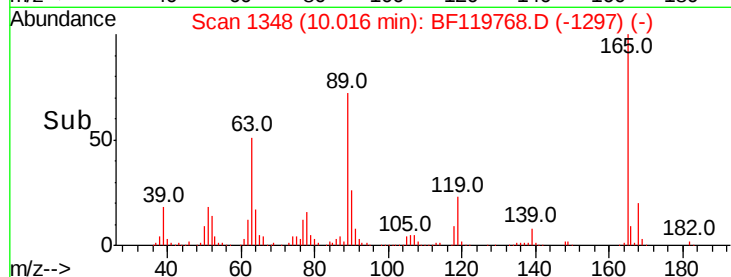
#57
 2,4-Dinitrotoluene
 Concen: 47.740 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:165 Resp: 287789
 Ion Ratio Lower Upper
 165 100
 63 50.6 42.6 64.0
 89 71.7 61.0 91.4
 182 2.4 2.2 3.2

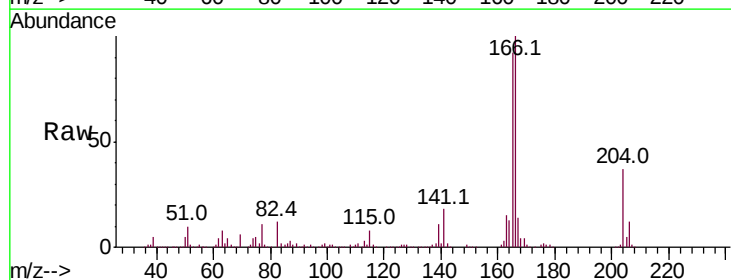


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

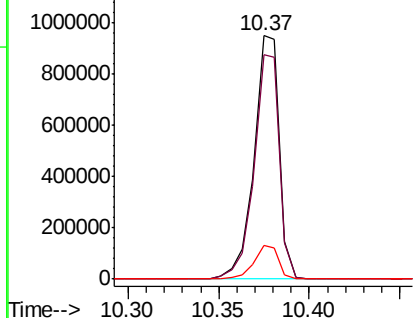
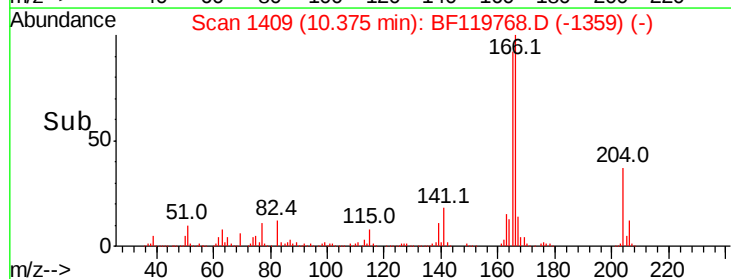


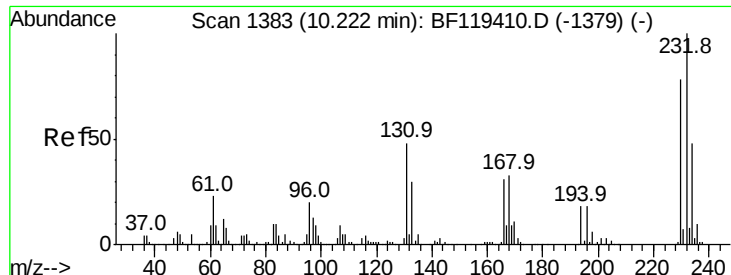
#58
 Fluorene
 Concen: 43.936 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:166 Resp: 914439
 Ion Ratio Lower Upper
 166 100
 165 92.4 75.4 113.2
 167 13.7 11.2 16.8



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: 47.034 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion:232 Resp: 259651

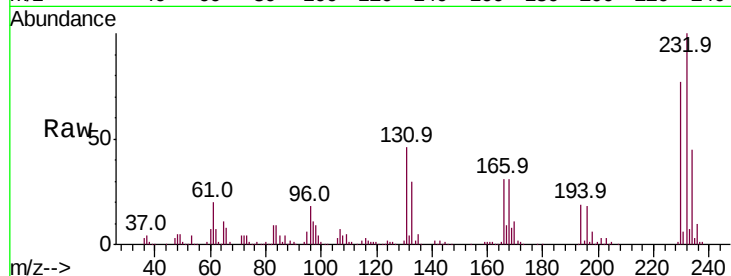
Ion Ratio Lower Upper

232 100

131 43.9 37.5 56.3

130 1.9 1.8 2.6

166 30.3 24.6 36.8

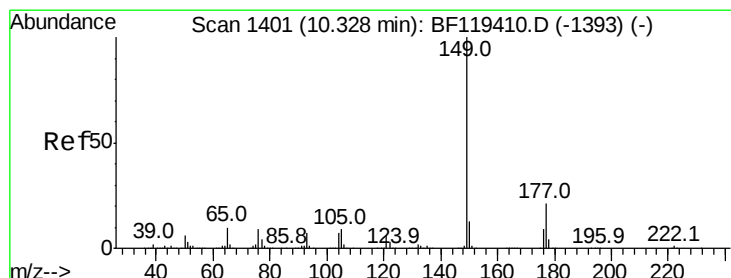
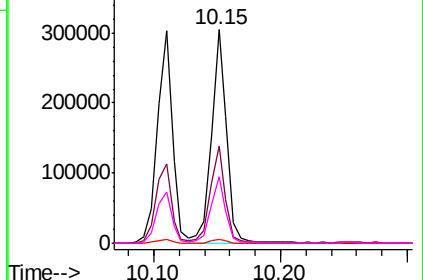
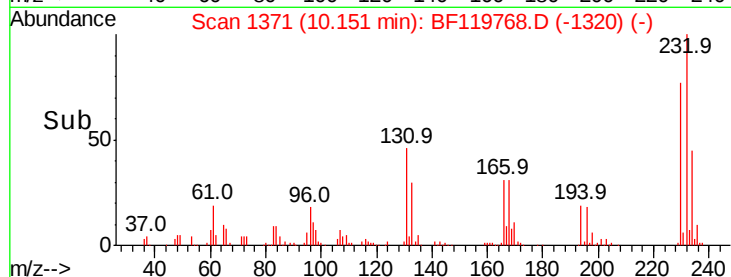


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.458 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

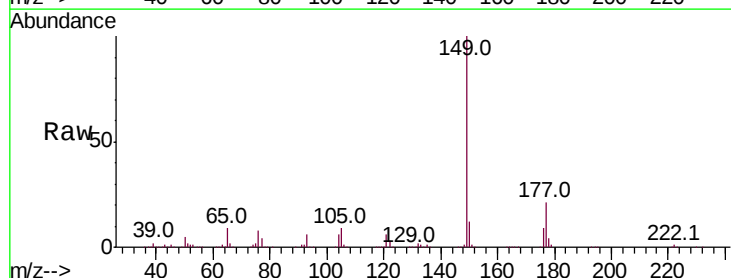
Tgt Ion:149 Resp: 962065

Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.6

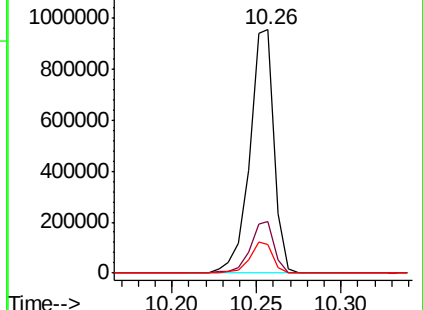
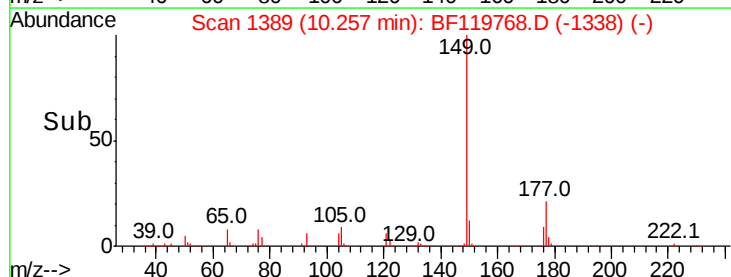
150 11.9 10.1 15.1

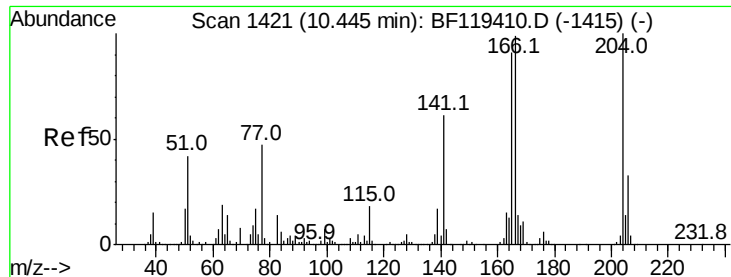


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

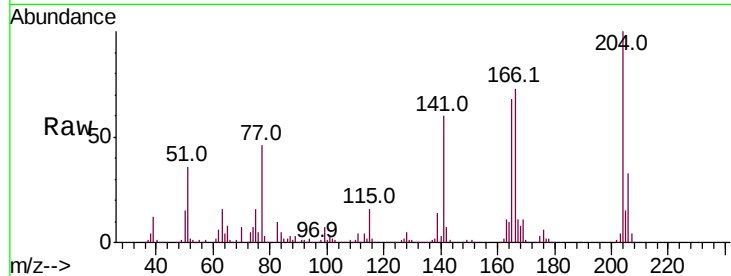




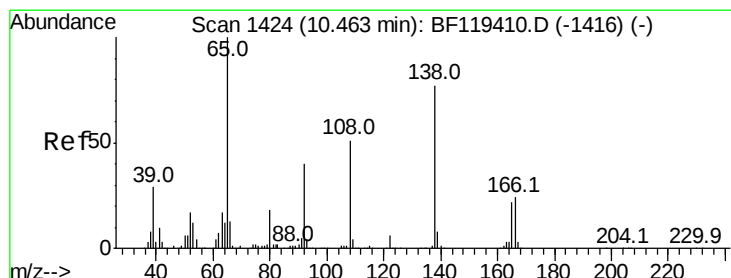
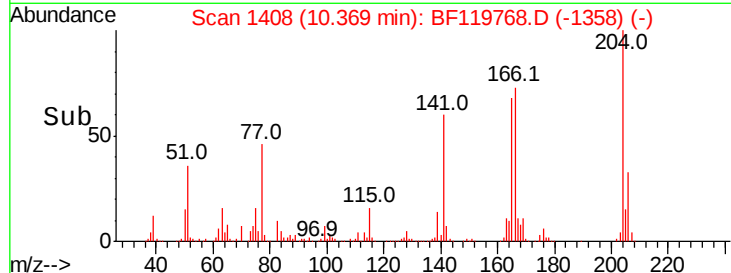
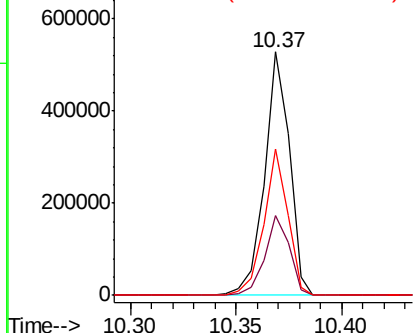
#61
 4-Chlorophenyl-phenylether
 Concen: 42.594 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:204 Resp: 433514
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.7 40.1
 141 60.3 47.3 70.9

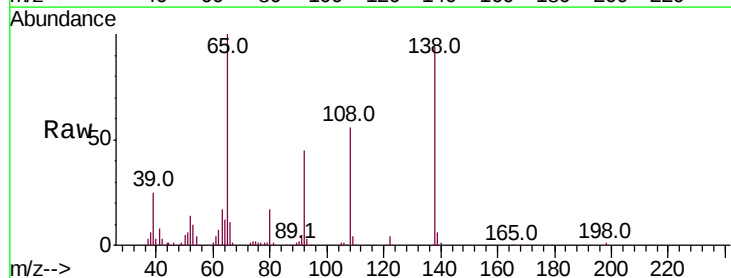


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

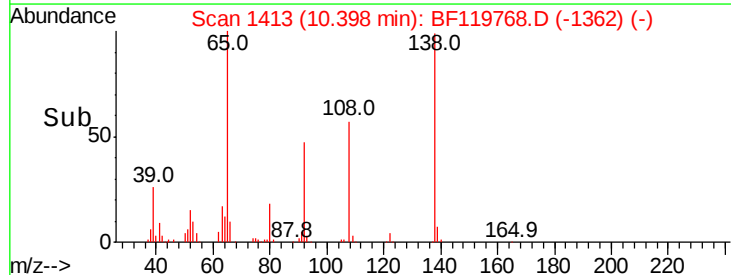
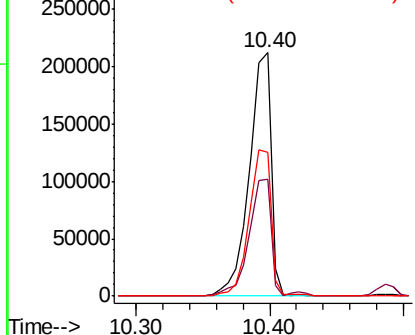


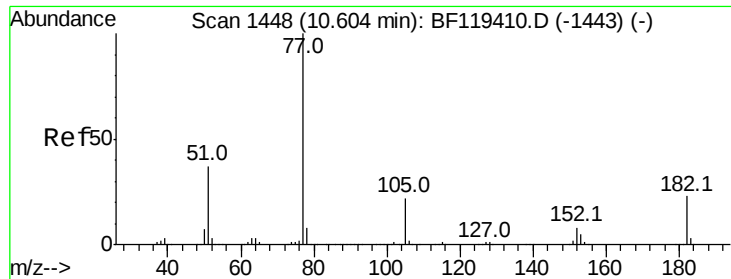
#62
 4-Nitroaniline
 Concen: 40.890 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:138 Resp: 236885
 Ion Ratio Lower Upper
 138 100
 92 47.8 31.5 71.5
 108 58.8 45.8 85.8



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: 40.235 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion: 77 Resp: 918072

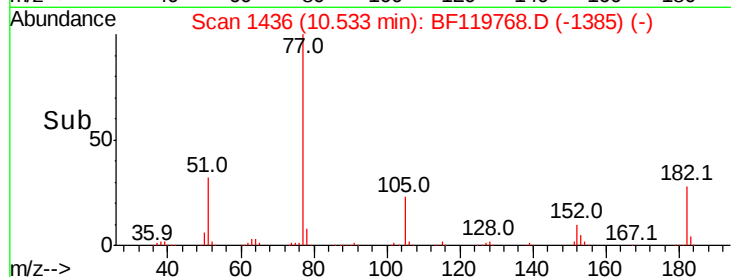
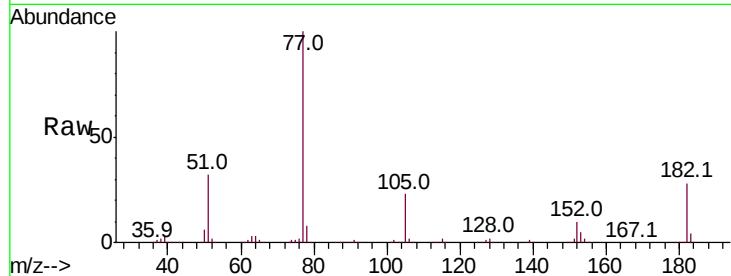
Ion Ratio Lower Upper

77 100

182 27.9 4.4 44.4

105 23.4 2.6 42.6

51 32.4 15.1 55.1

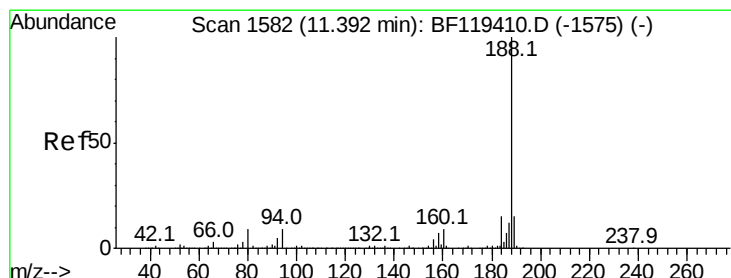
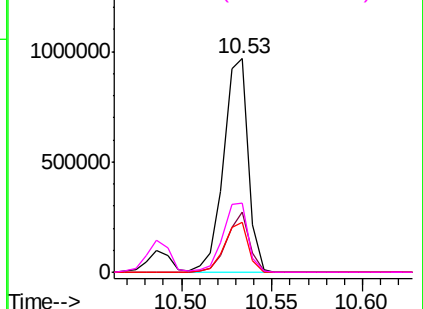


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

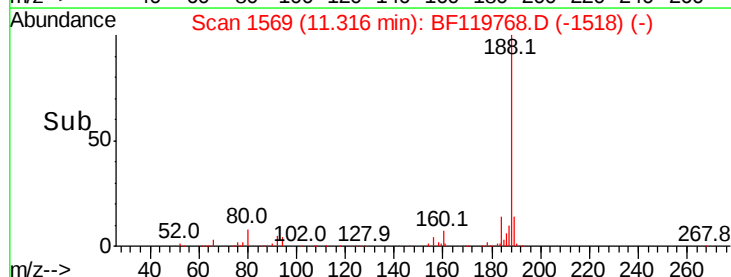
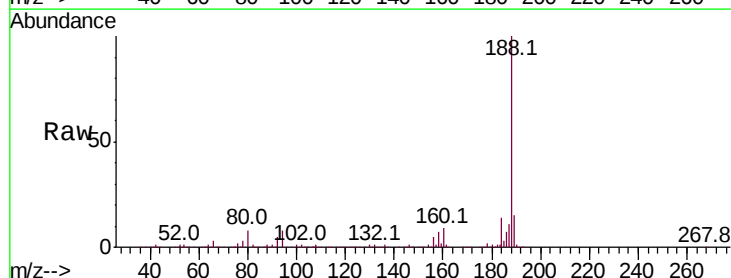
Tgt Ion: 188 Resp: 604576

Ion Ratio Lower Upper

188 100

94 7.6 7.5 11.3

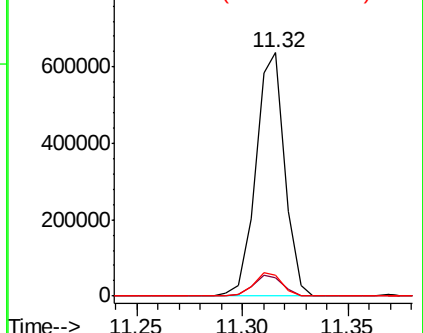
80 8.4 9.0 13.4#

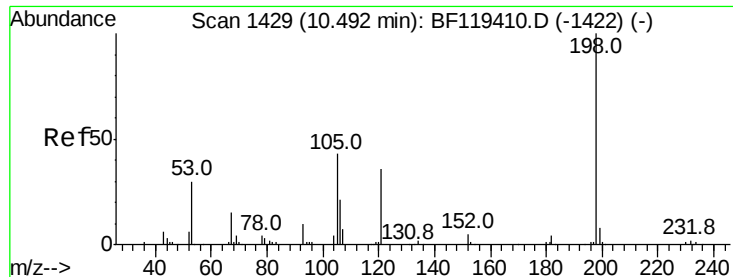


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 64.008 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

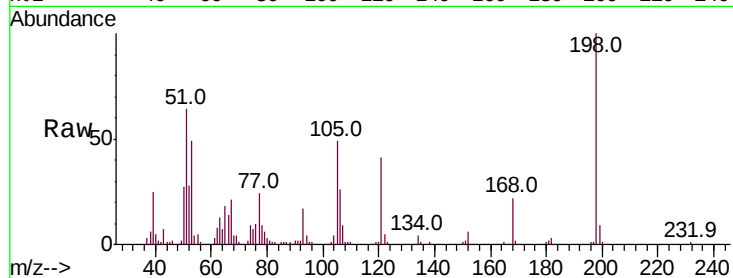
Tot Ion:198 Resp: 162271

Ion Ratio Lower Upper

198 100

51 63.6 29.0 69.0

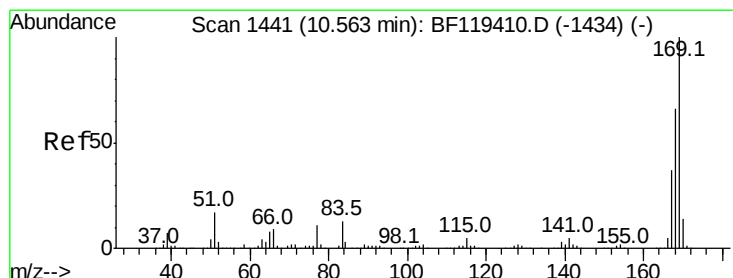
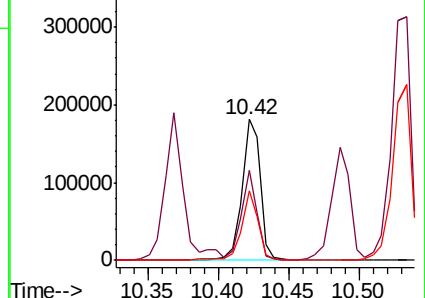
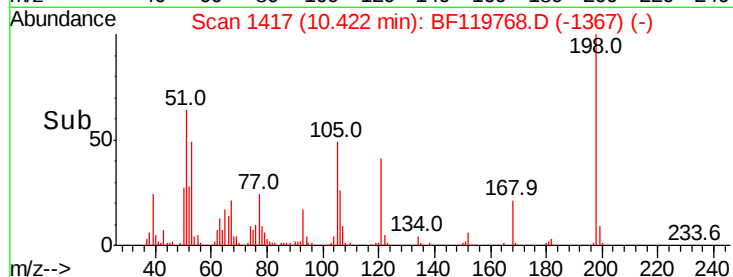
105 49.0 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.831 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

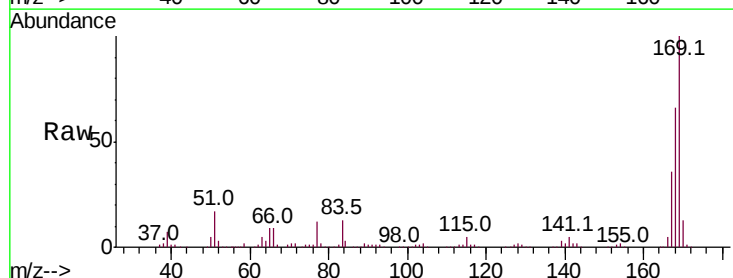
Tgt Ion:169 Resp: 830229

Ion Ratio Lower Upper

169 100

168 66.3 53.2 79.8

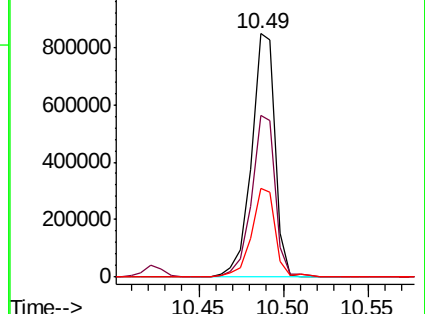
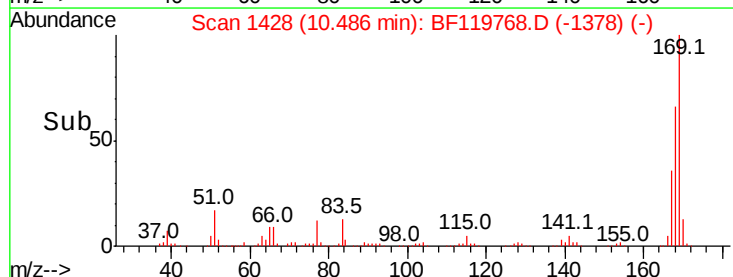
167 36.2 29.1 43.7

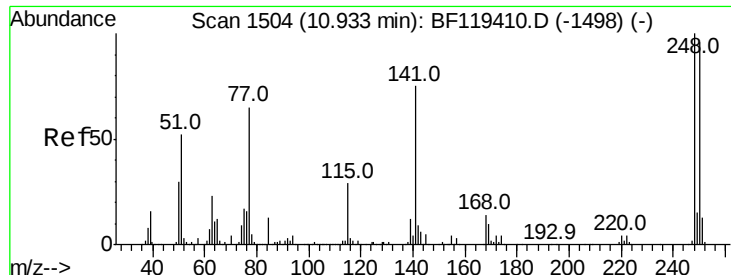


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

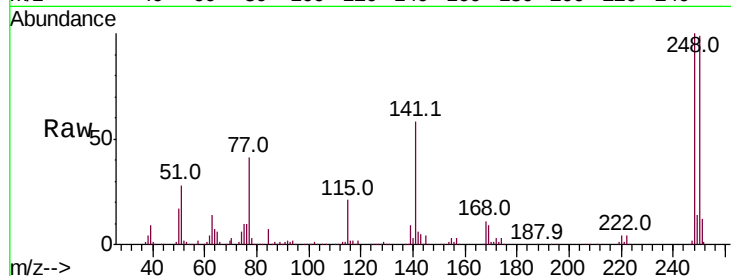




#67
 4-Bromophenyl-phenylether
 Concen: 40.604 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.3	115.9
141	58.4	58.6	87.8#

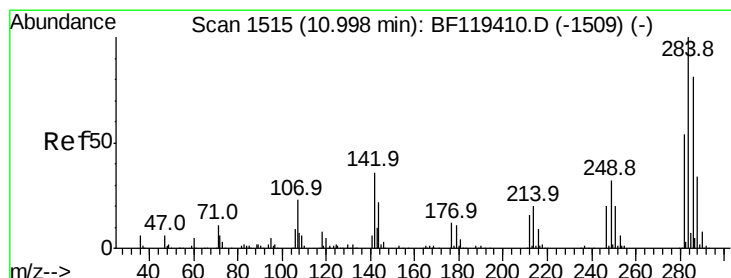
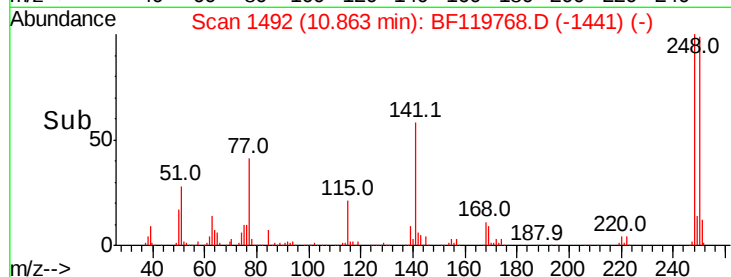
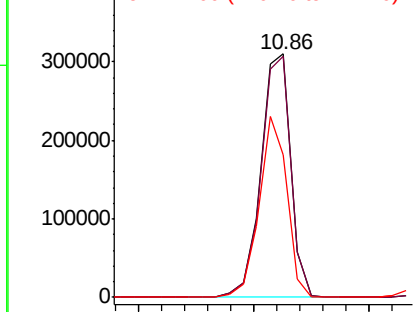


Abundance

Ion 248.00 (247.70 to 248.70): E

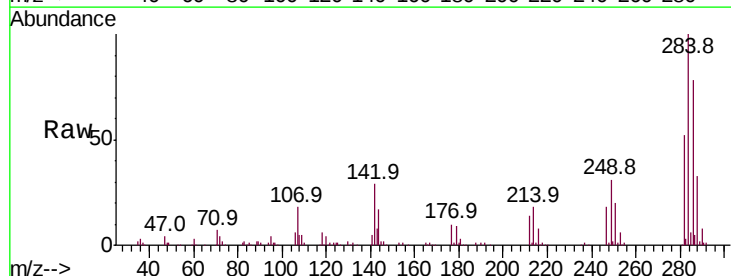
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.403 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	29.2	43.8#
249	30.5	25.1	37.7

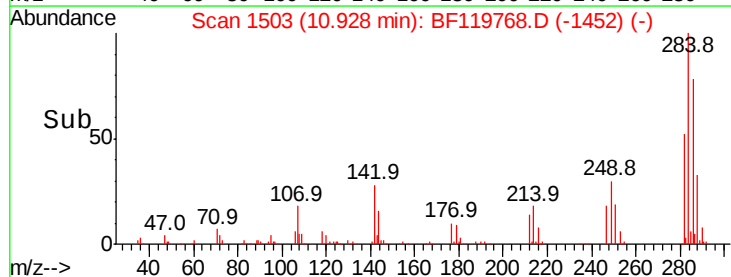
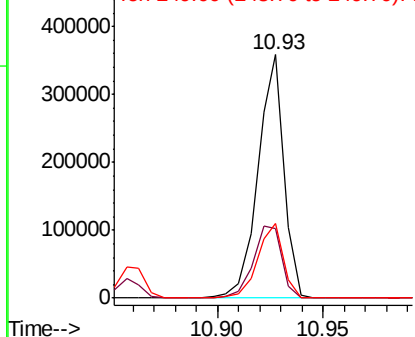


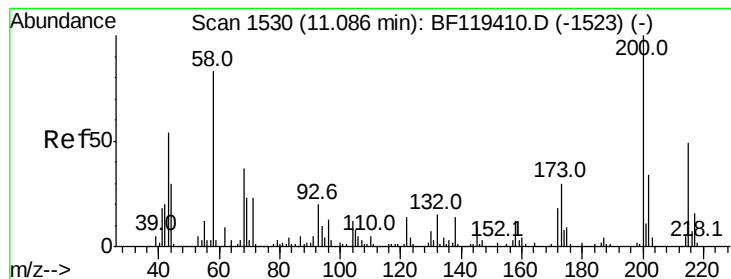
Abundance

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: 45.868 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

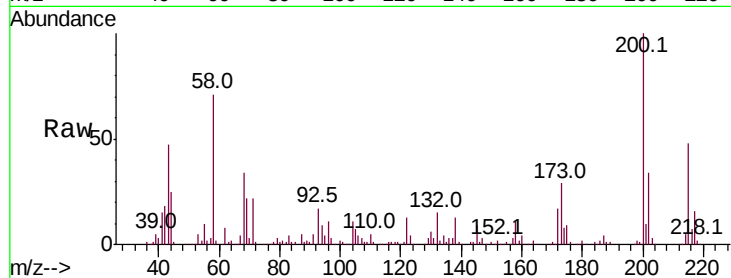
Tot Ion:200 Resp: 249576

Ion Ratio Lower Upper

200 100

173 28.8 9.3 49.3

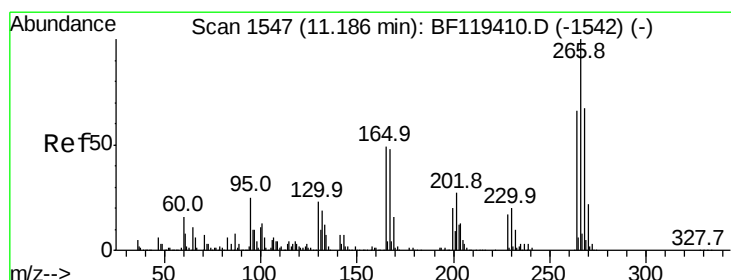
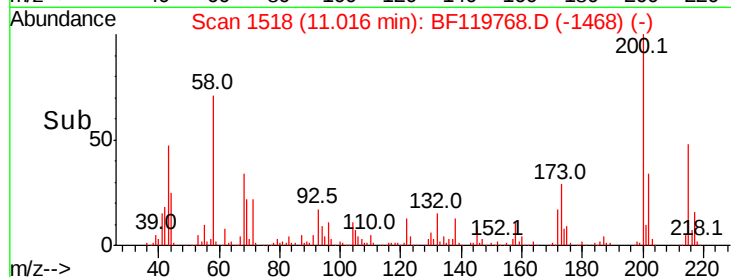
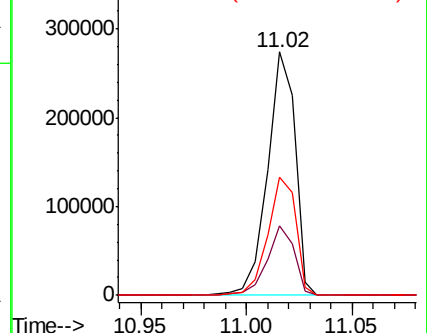
215 48.3 29.5 69.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.979 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

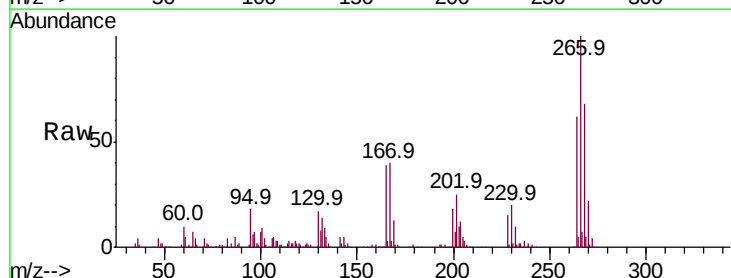
Tgt Ion:266 Resp: 355269

Ion Ratio Lower Upper

266 100

268 67.7 53.3 79.9

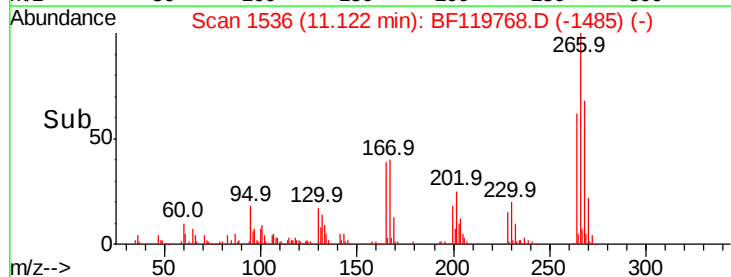
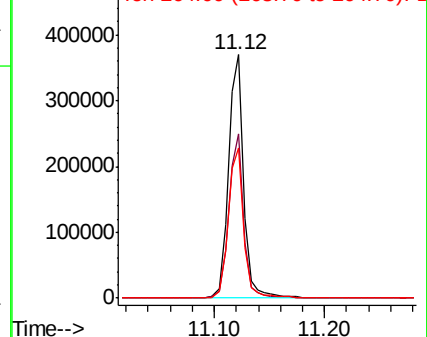
264 61.9 49.0 73.4

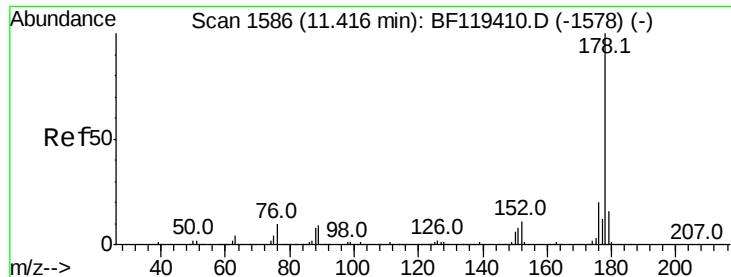


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

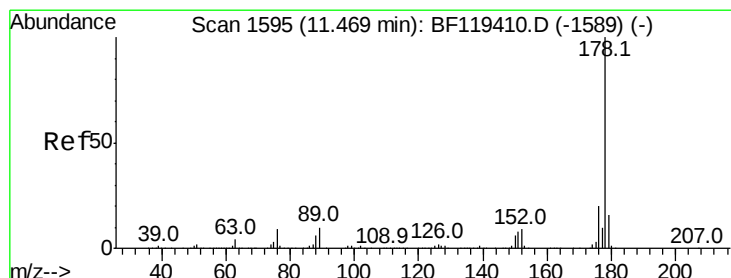
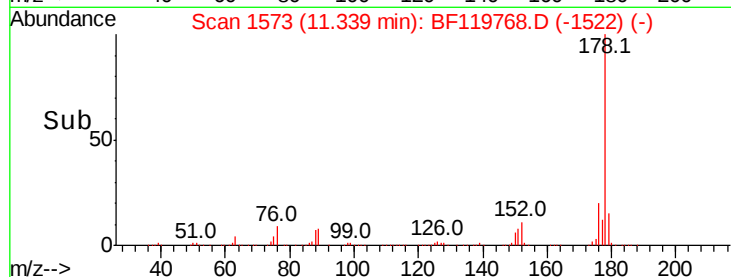
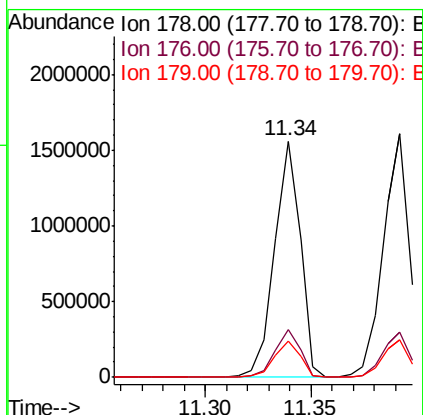
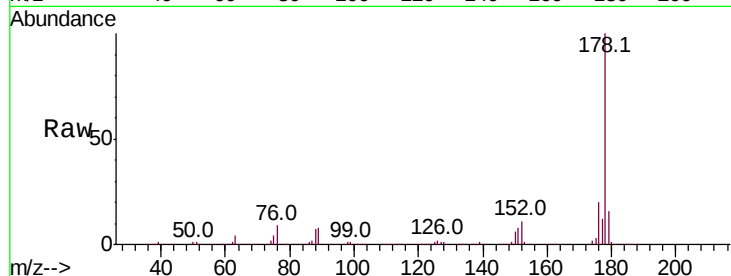




#71
 Phenanthrene
 Concen: 42.525 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

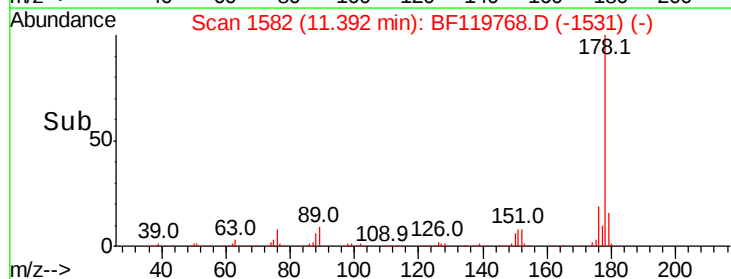
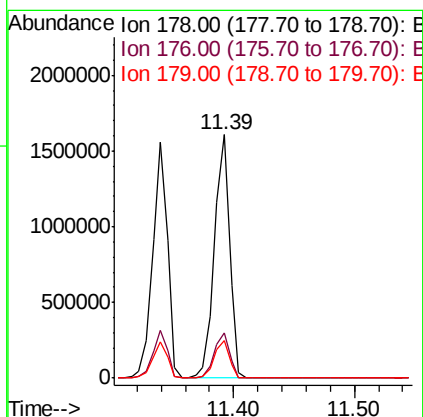
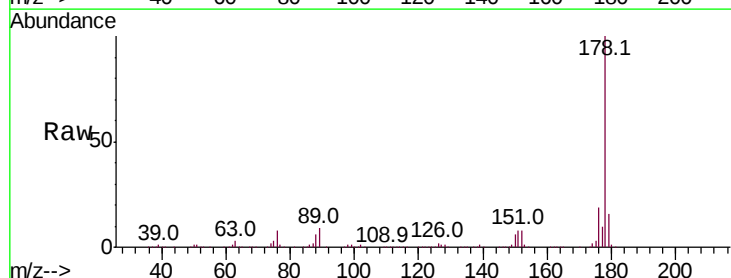
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

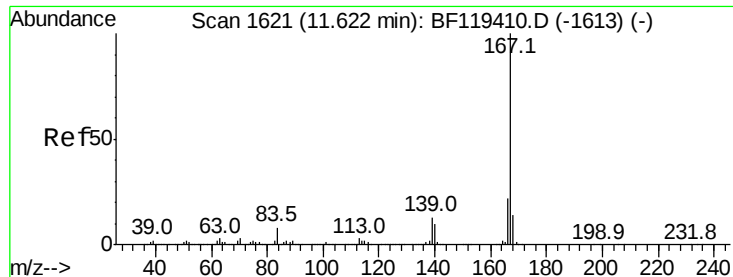
Tot Ion:178 Resp: 1333121
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.6 13.2 19.8



#72
 Anthracene
 Concen: 43.423 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:178 Resp: 1383521
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.1 24.1
 179 15.7 13.0 19.4

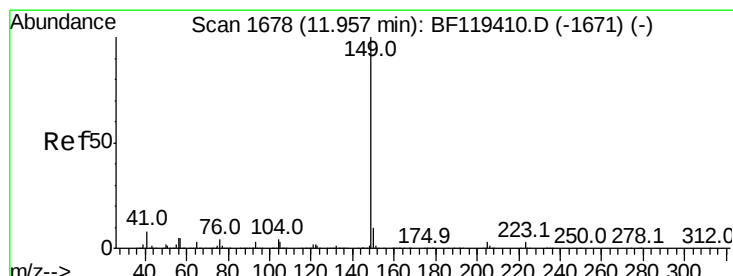
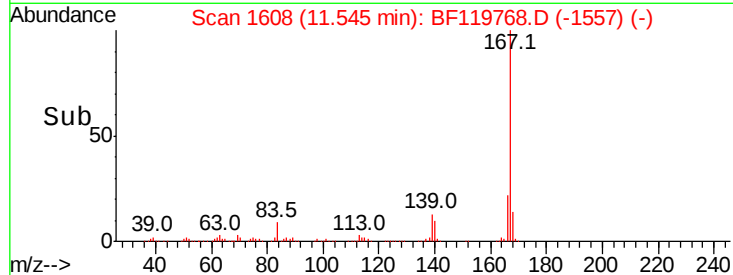
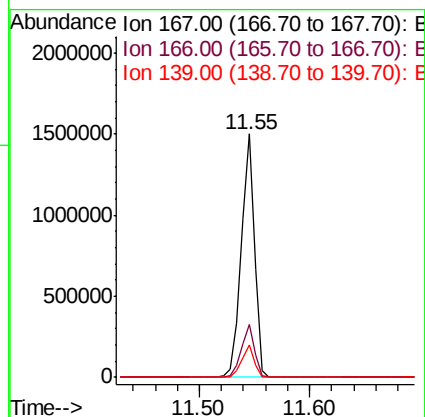
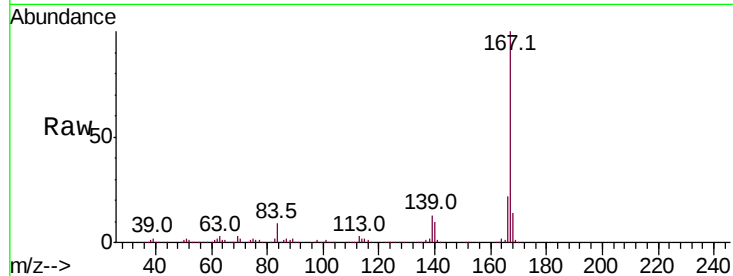




#73
 Carbazole
 Concen: 40.316 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

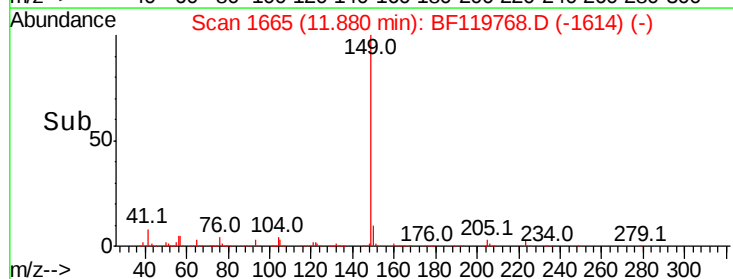
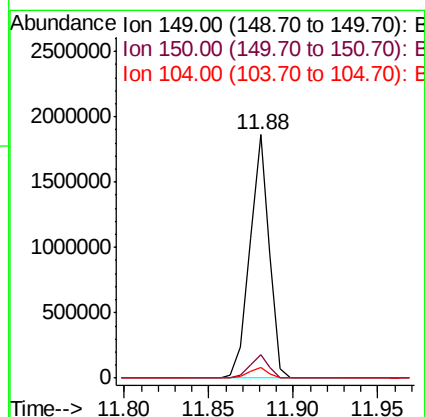
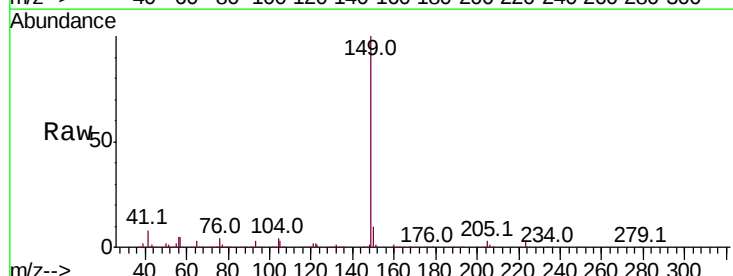
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

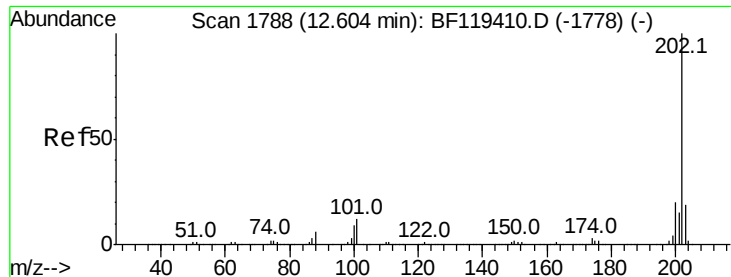
Tot Ion:167 Resp: 1271407
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 13.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 44.233 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:149 Resp: 1492215
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.4 3.6 5.4

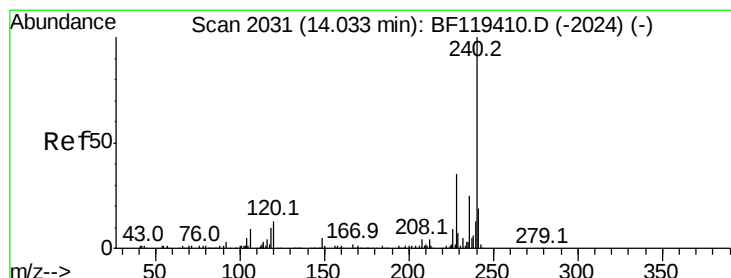
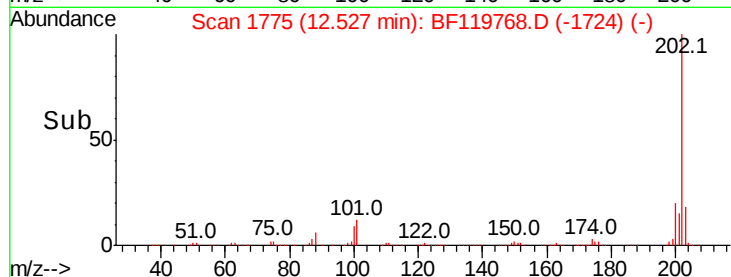
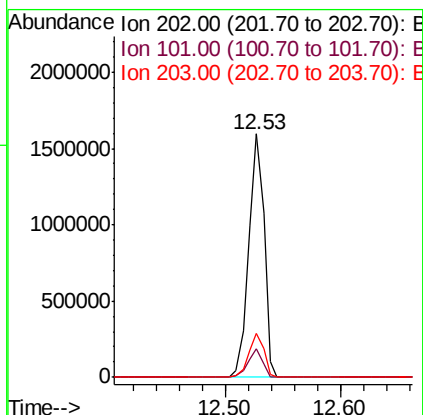
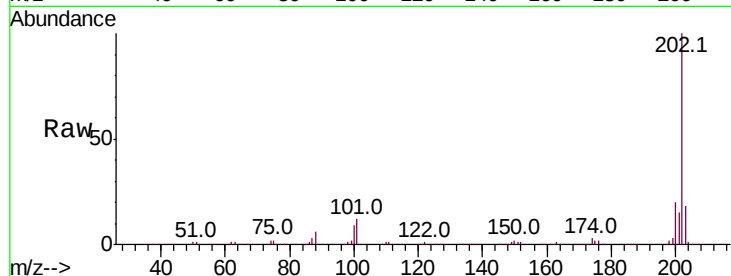




#75
 Fluoranthene
 Concen: 43.180 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

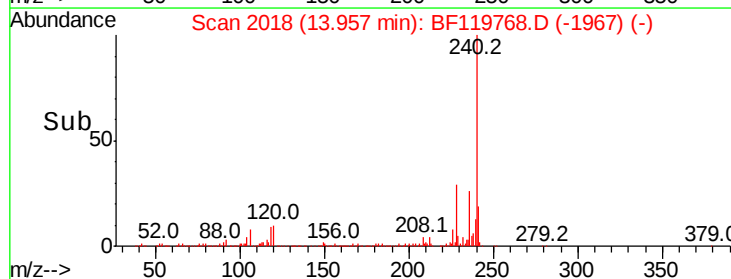
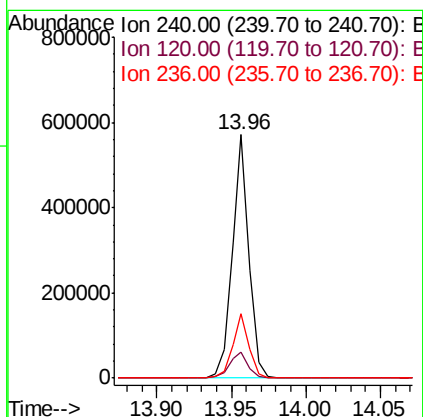
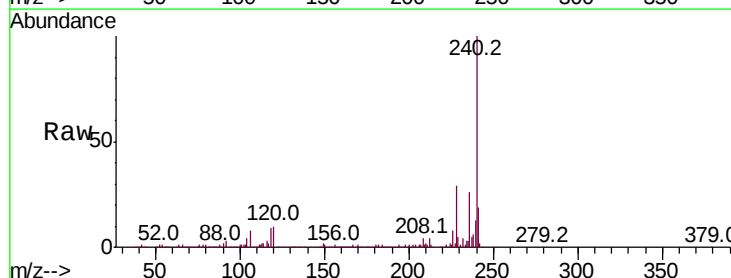
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

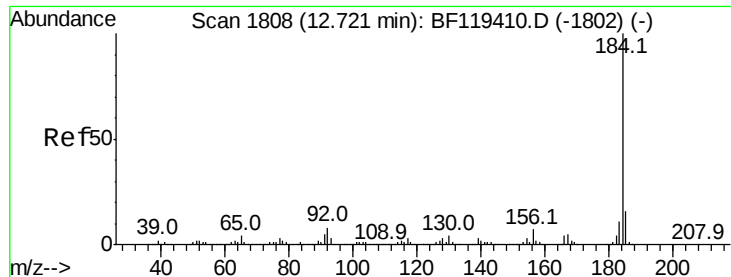
Tot Ion:202 Resp: 1464958
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.2
 203 18.3 0.0 38.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:240 Resp: 447506
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.6 15.8#
 236 26.3 20.2 30.2

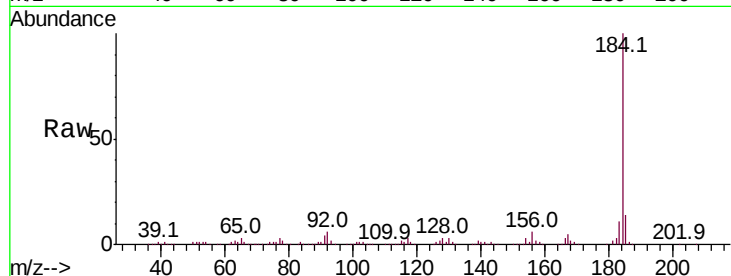




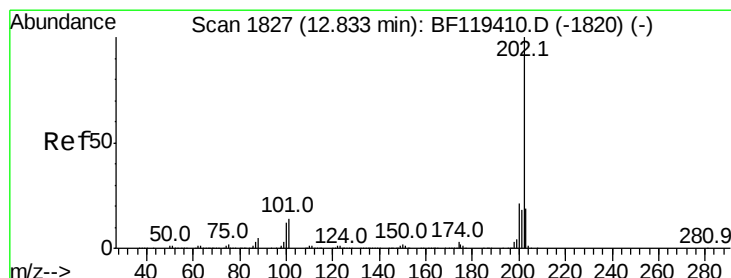
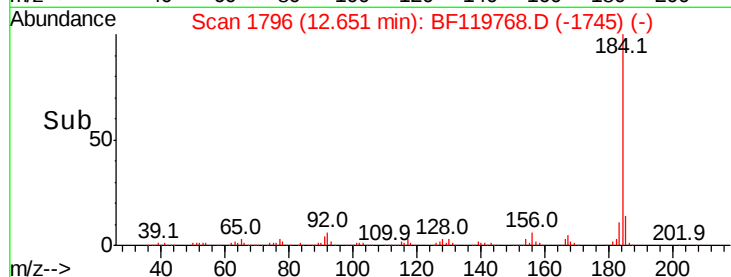
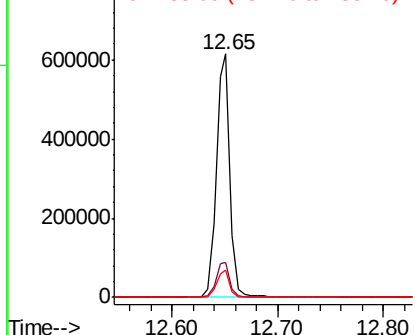
#77
Benzidine
Concen: 29.632 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:184 Resp: 561182
Ion Ratio Lower Upper
184 100
185 14.3 12.3 18.5
183 11.0 9.0 13.6

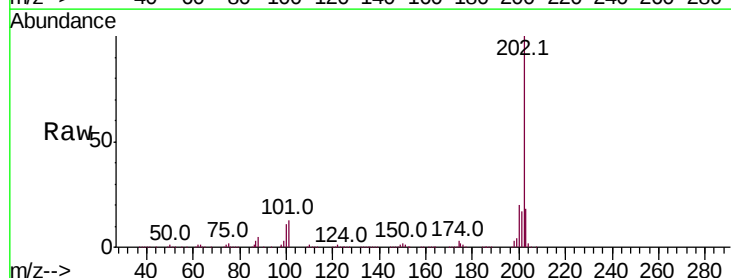


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

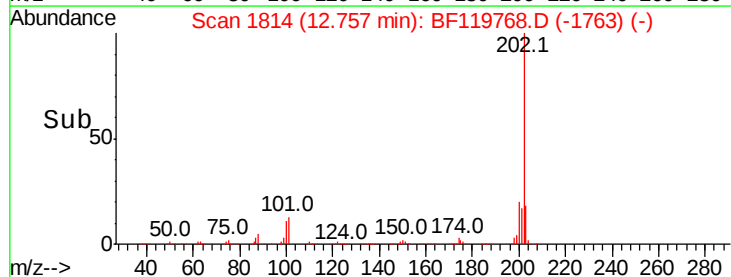
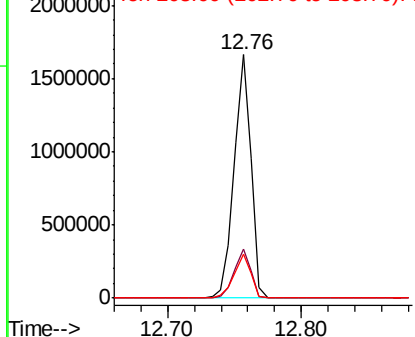


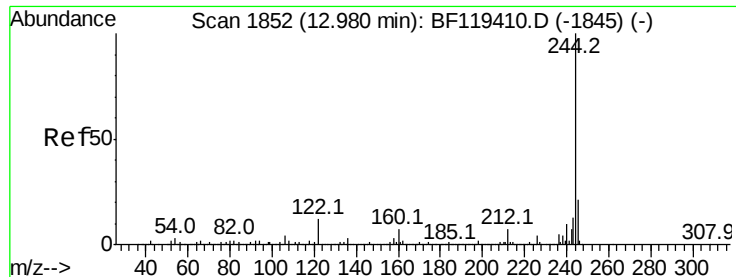
#78
Pyrene
Concen: 40.289 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:202 Resp: 1479674
Ion Ratio Lower Upper
202 100
200 20.3 16.8 25.2
203 17.9 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.899 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampled :

PB128003BS

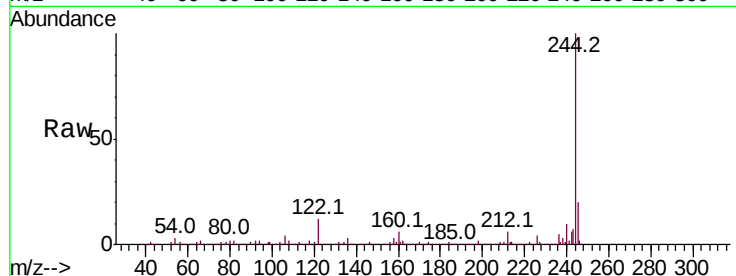
Tot Ion:244 Resp: 1984876

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

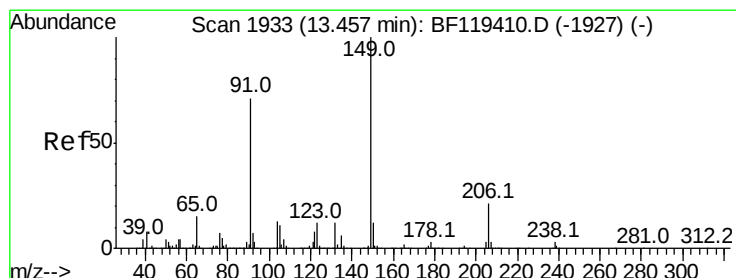
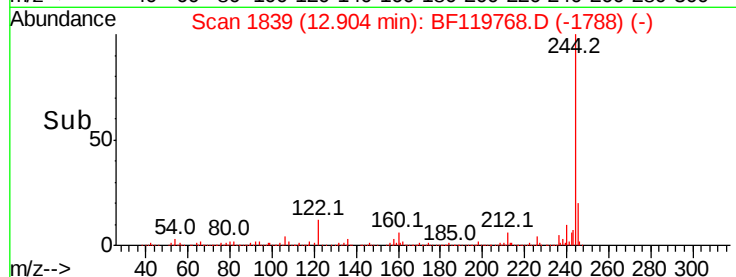
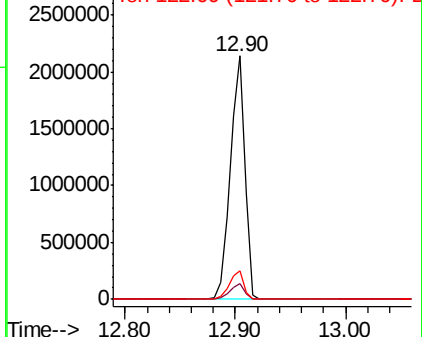
122 11.7 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.295 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

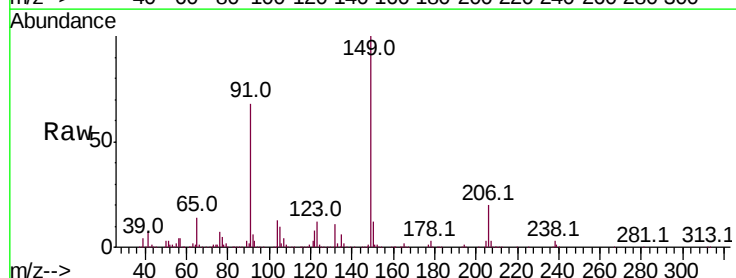
Tgt Ion:149 Resp: 628261

Ion Ratio Lower Upper

149 100

91 68.4 54.7 82.1

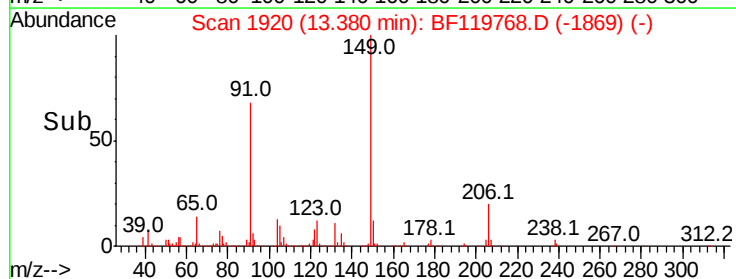
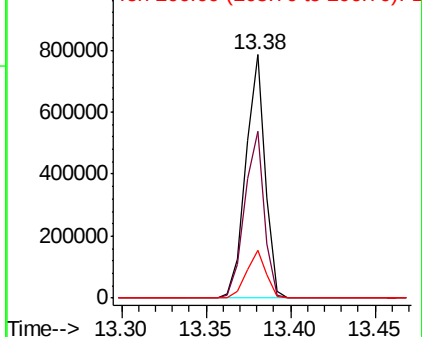
206 19.9 16.2 24.2

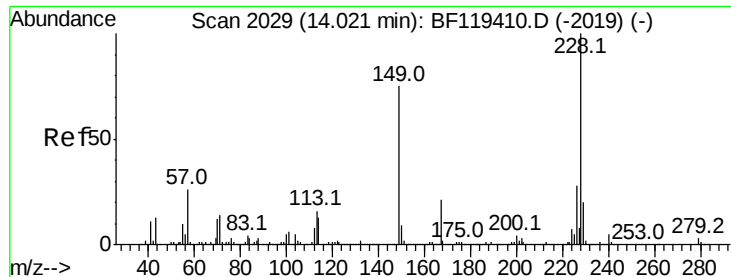


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.053 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

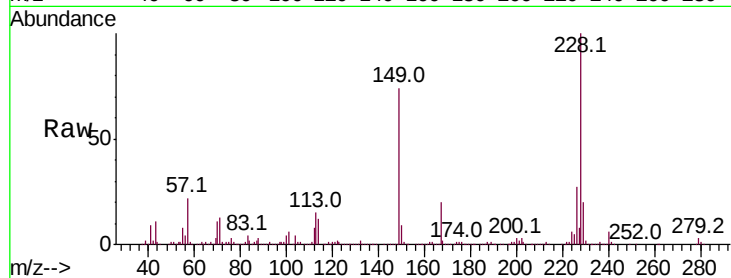
Tot Ion:228 Resp: 1194663

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

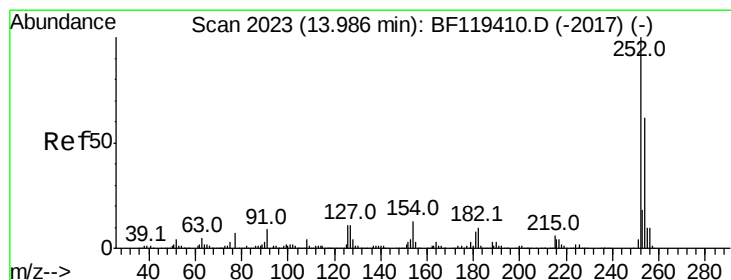
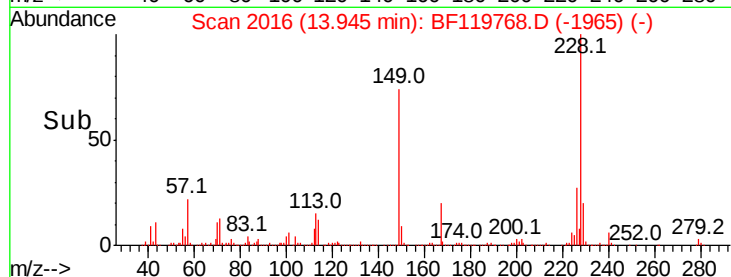
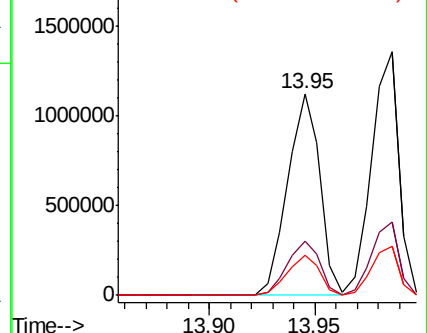
229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.944 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

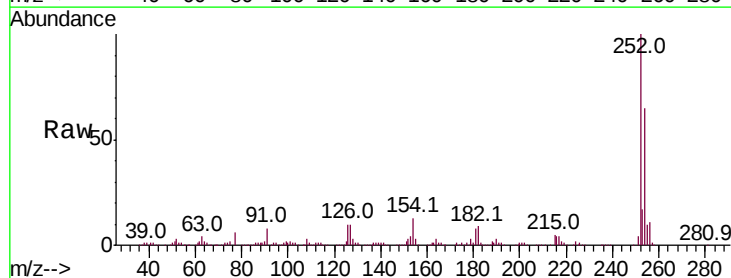
Tgt Ion:252 Resp: 320627

Ion Ratio Lower Upper

252 100

254 64.7 51.2 76.8

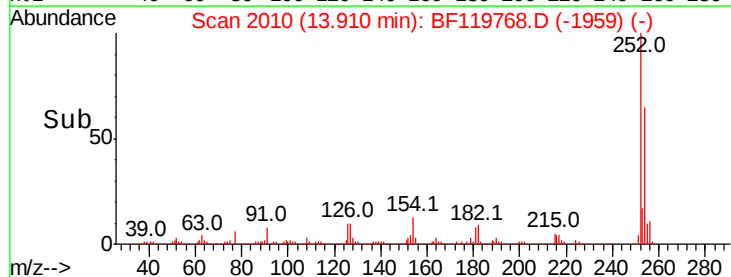
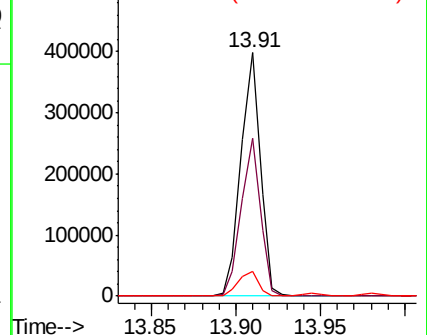
126 10.0 9.6 14.4

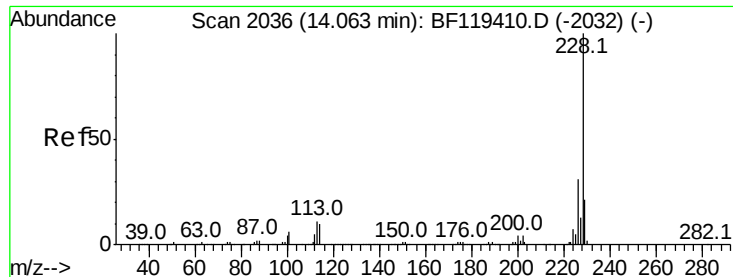


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



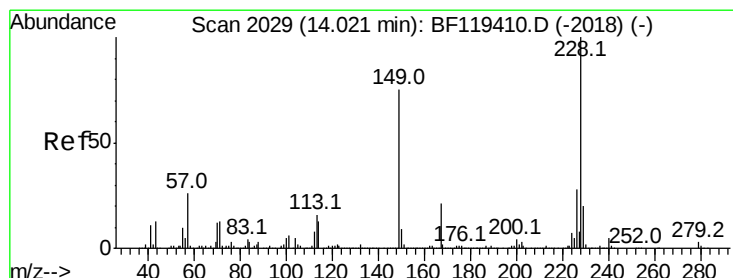
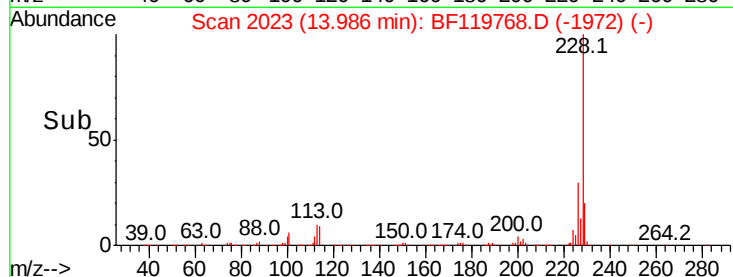
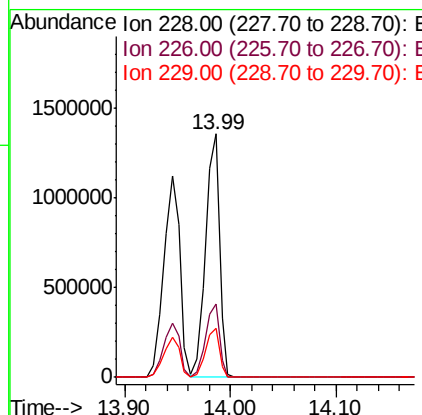
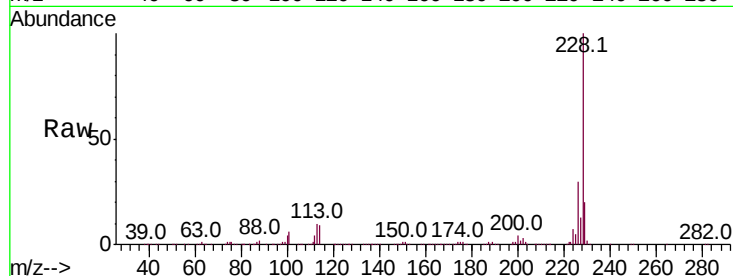


#83
 Chrvsene
 Concen: 40.890 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:228 Resp: 1228047

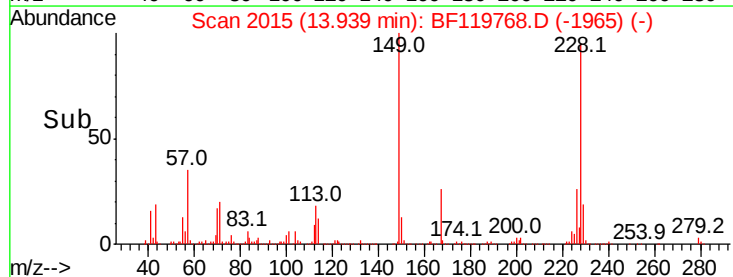
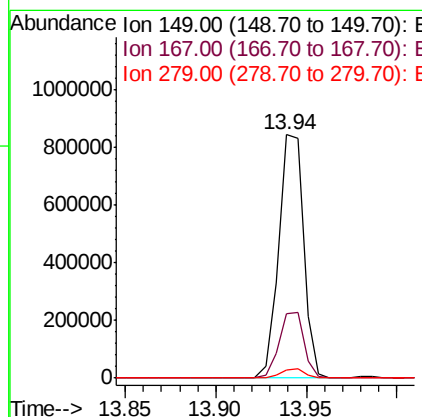
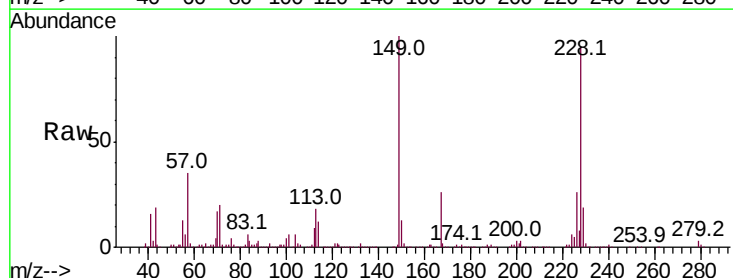
Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	20.1	16.6	24.8

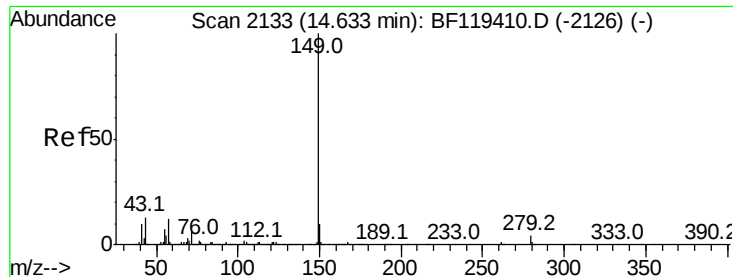


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.507 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:149 Resp: 805817

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 44.435 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

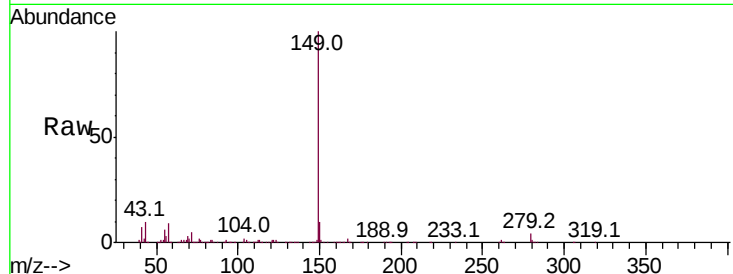
Tot Ion:149 Resp: 1383805

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

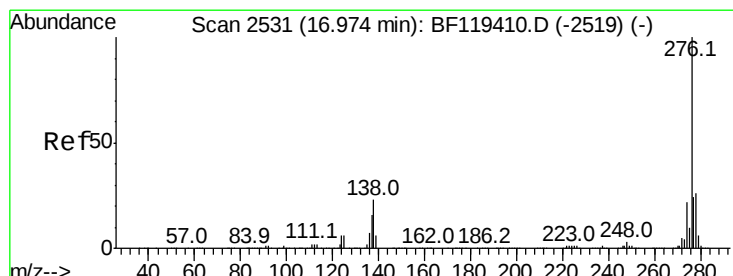
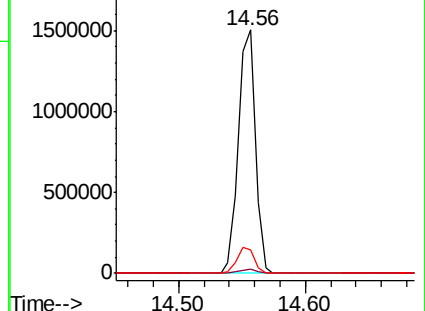
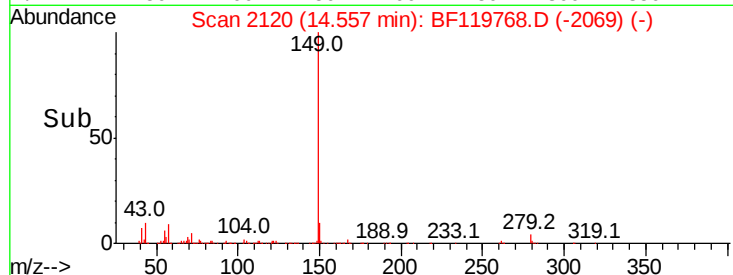
43 10.8 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.184 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

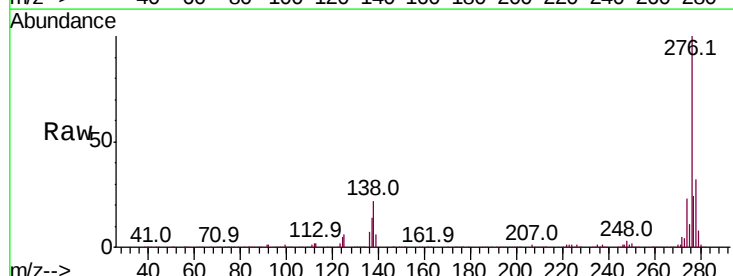
Tgt Ion:276 Resp: 1447753

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

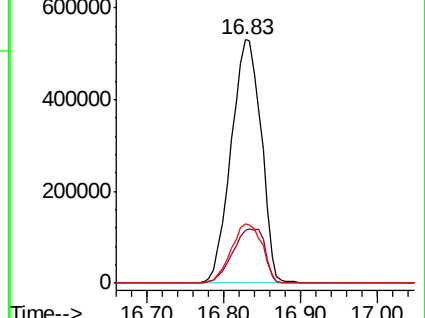
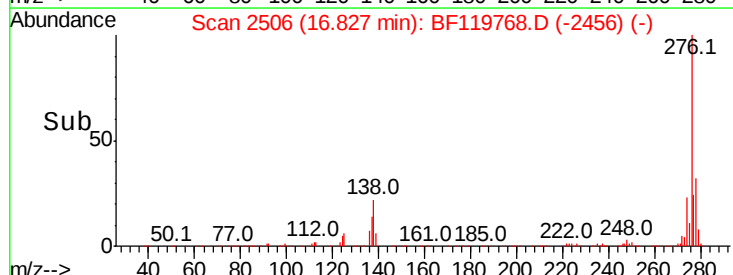
277 25.2 20.0 30.0

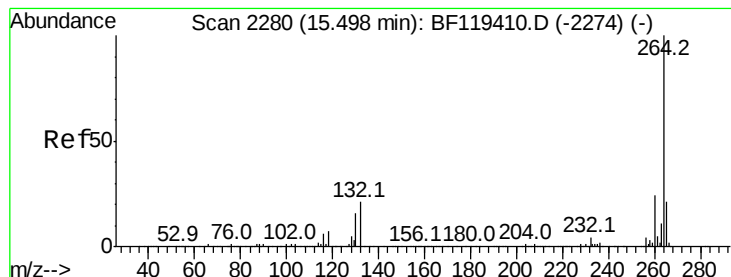


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

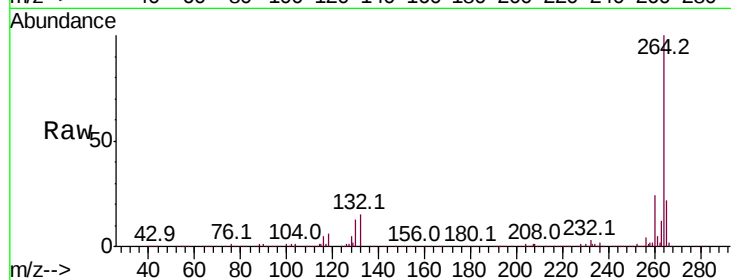
Tot Ion:264 Resp: 459086

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

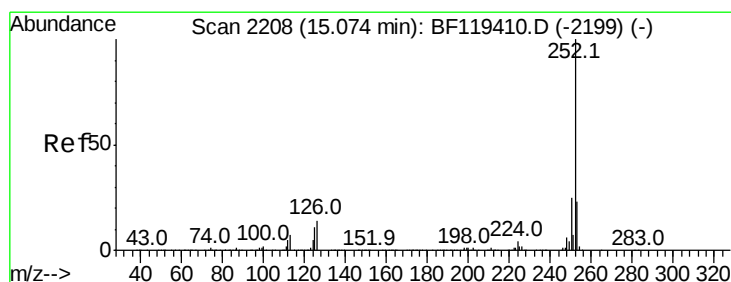
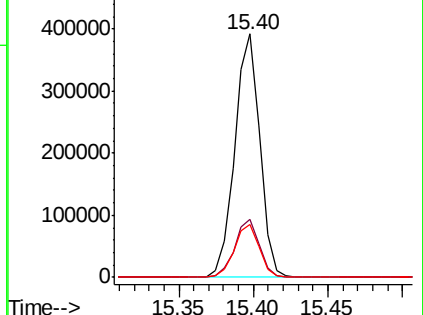
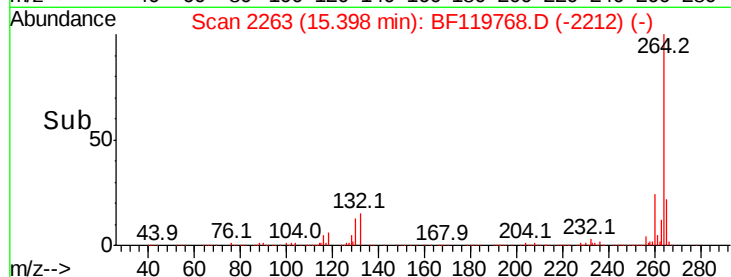
265 21.6 17.7 26.5



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: 41.772 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

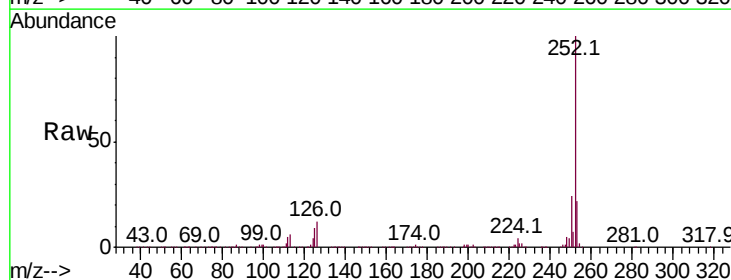
Tgt Ion:252 Resp: 1281010

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

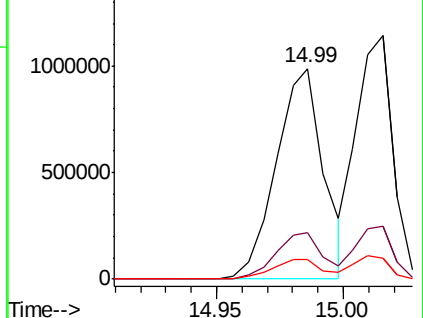
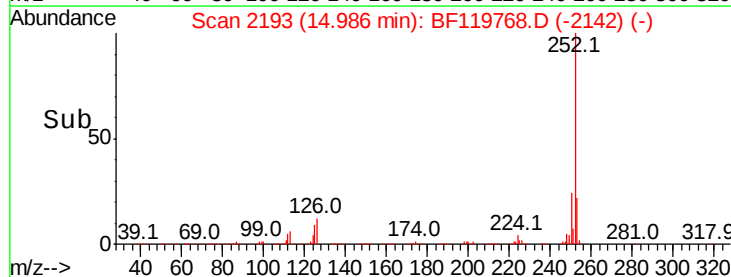
125 9.1 7.9 11.9

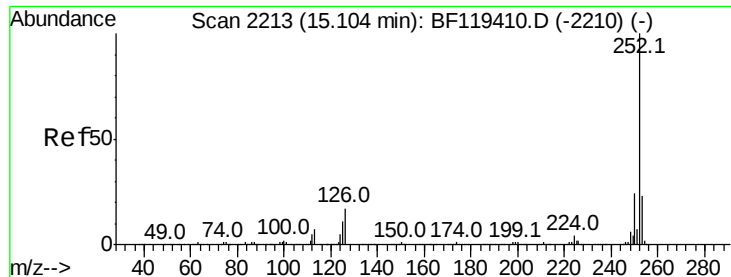


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

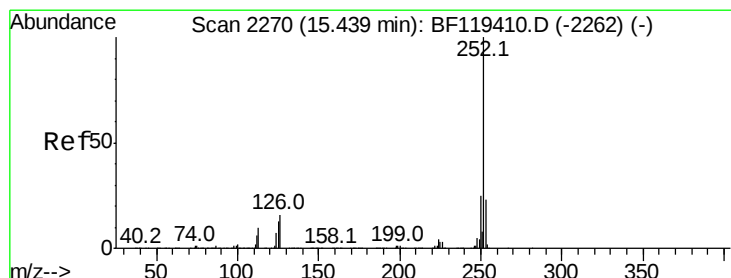
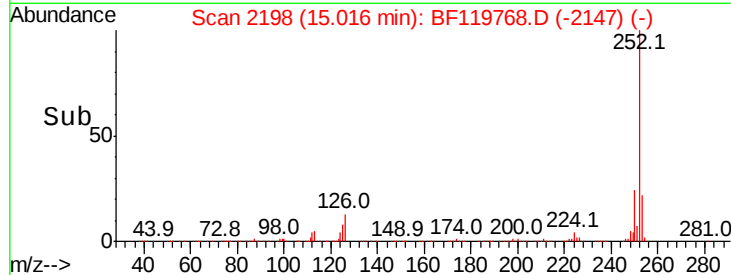
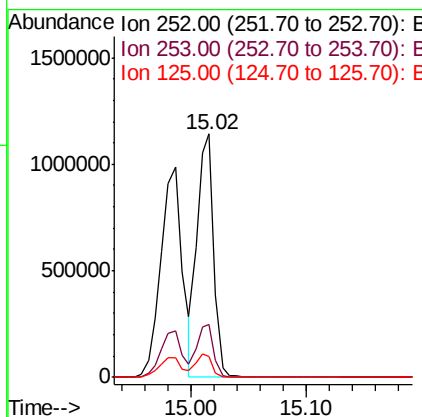
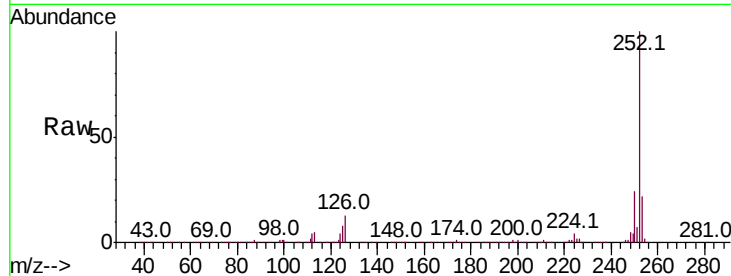




#89
Benzo(k)fluoranthene
Concen: 39.357 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

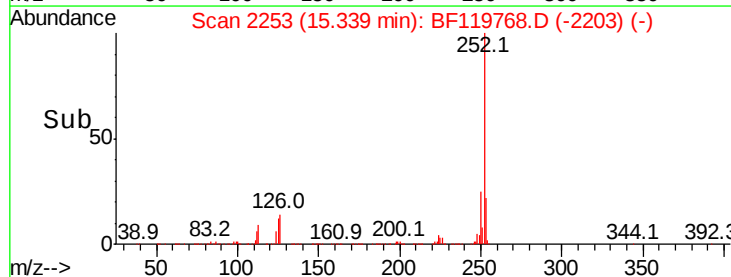
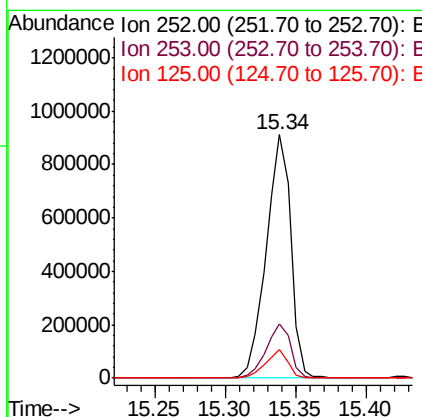
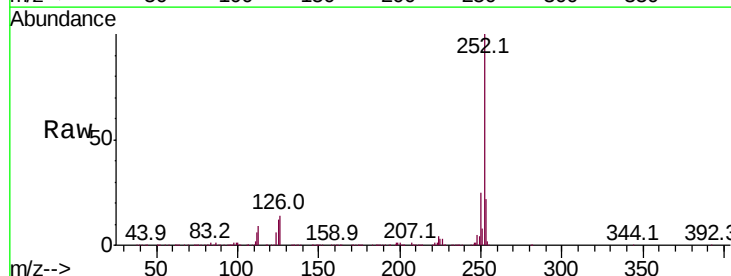
Instrument :
BNA_F
ClientSampleId :
PB128003BS

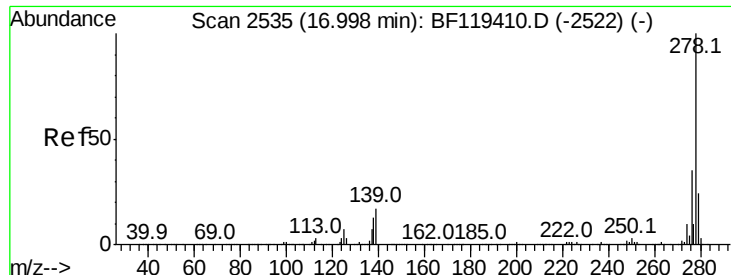
Tot Ion:252 Resp: 1149257
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.144 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:252 Resp: 1118795
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 48.654 ng

RT: 16.85 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

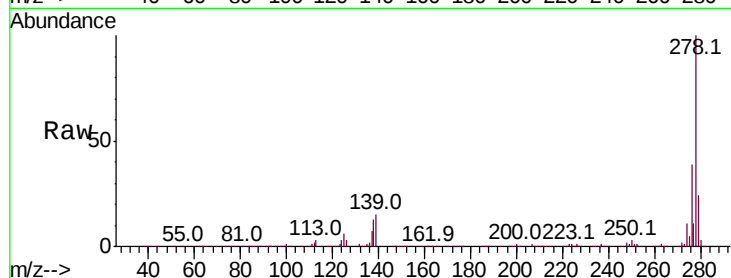
Tot Ion:278 Resp: 1186015

Ion Ratio Lower Upper

278 100

139 15.1 12.6 19.0

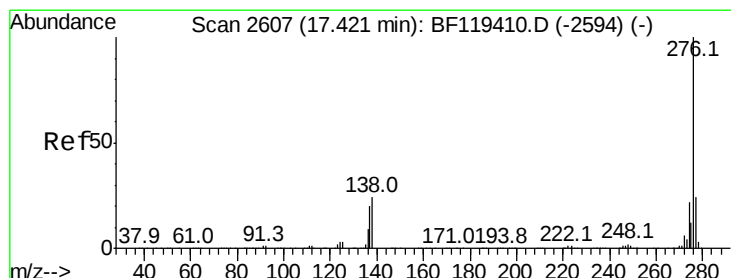
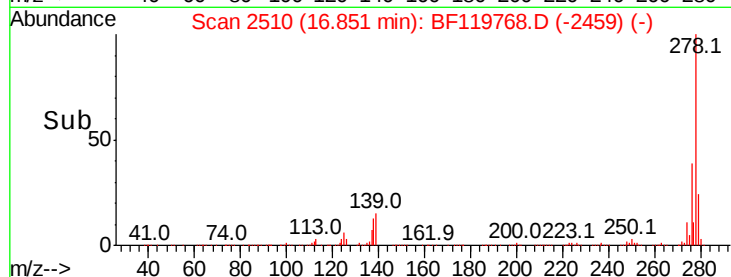
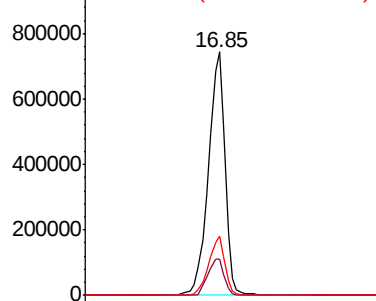
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.162 ng

RT: 17.26 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

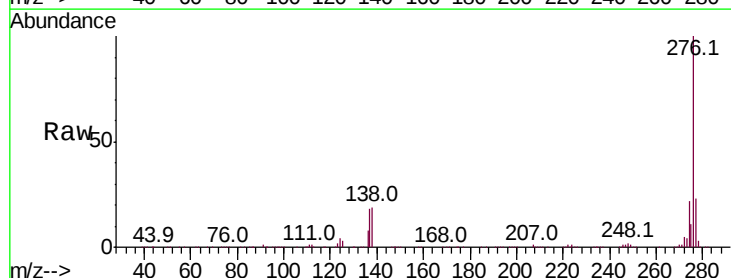
Tgt Ion:276 Resp: 1179460

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 19.4 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

