

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050120\
 Data File : BF120259.D
 Acq On : 1 May 2020 15:39
 Operator : MA/SJ
 Sample : PB128596BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Quant Time: May 01 16:18:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 16:17:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	141583	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	536612	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	278127	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	552579	20.00	ng	0.00
76) Chrysene-d12	13.82	240	417542	20.00	ng	0.00
87) Perylene-d12	15.22	264	371184	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1041140	127.08	ng	0.00
7) Phenol-d6	6.31	99	1289164	122.12	ng	0.00
23) Nitrobenzene-d5	7.22	82	812758	78.36	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	362204	106.37	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1613008	82.34	ng	0.00
79) Terphenyl-d14	12.77	244	1863874	75.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	128361	35.177	ng	98
3) Pyridine	2.97	79	313860	31.350	ng	98
4) n-Nitrosodimethylamine	2.93	42	201609	39.414	ng	97
6) Aniline	6.32	93	399406	28.826	ng	# 50
8) 2-Chlorophenol	6.44	128	397769	43.454	ng	99
9) Benzaldehyde	6.20	77	288799	49.535	ng	97
10) Phenol	6.32	94	498380	41.614	ng	90
11) bis(2-Chloroethyl)ether	6.39	93	378834	40.968	ng	99
12) 1,3-Dichlorobenzene	6.59	146	408584	40.771	ng	99
13) 1,4-Dichlorobenzene	6.67	146	415704	40.721	ng	99
14) 1,2-Dichlorobenzene	6.82	146	391150	41.576	ng	100
15) Benzyl Alcohol	6.80	79	331489	40.429	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	649663	36.104	ng	# 44
17) 2-Methylphenol	6.93	107	322220	39.444	ng	# 91
18) Hexachloroethane	7.16	117	155641	40.795	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	278104	40.968	ng	96
20) 3+4-Methylphenols	7.08	107	417535	41.791	ng	# 85
22) Acetophenone	7.07	105	556243	44.267	ng	99
24) Nitrobenzene	7.24	77	415008	39.773	ng	99
25) Isophorone	7.48	82	763098	38.164	ng	99
26) 2-Nitrophenol	7.56	139	218215	41.859	ng	92
27) 2,4-Dimethylphenol	7.61	122	349627	44.469	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	479141	40.722	ng	99
29) 2,4-Dichlorophenol	7.81	162	325281	40.362	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	359300	39.347	ng	98
31) Naphthalene	7.96	128	1153306	40.850	ng	98
32) Benzoic acid	7.75	122	241100	34.917	ng	98
33) 4-Chloroaniline	8.01	127	180675	14.700	ng	99
34) Hexachlorobutadiene	8.07	225	207109	37.889	ng	100
35) Caprolactam	8.39	113	58516	23.737	ng	# 88
36) 4-Chloro-3-methylphenol	8.52	107	359854	41.243	ng	97
37) 2-Methylnaphthalene	8.65	142	777688	40.630	ng	98
38) 1-Methylnaphthalene	8.75	142	728677	40.390	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	353693	40.264	ng	99

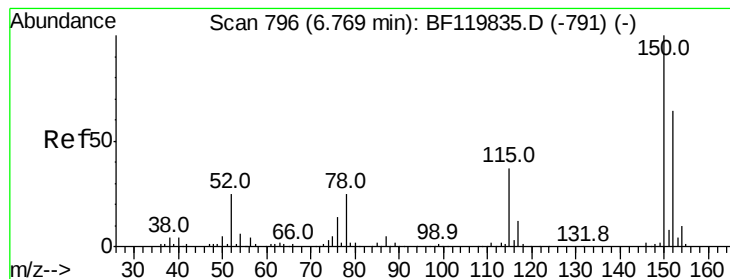
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF050120\
 Data File : BF120259.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	328740	65.812	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	237581	39.166	nq	98
44) 2,4,5-Trichlorophenol	8.99	196	250549	36.672	nq	95
46) 1,1'-Biphenyl	9.12	154	957772	40.799	nq	98
47) 2-Chloronaphthalene	9.14	162	726033	40.147	nq	100
48) 2-Nitroaniline	9.25	65	256309	39.110	nq	92
49) Acenaphthylene	9.56	152	1161623	42.237	nq	97
50) Dimethylphthalate	9.43	163	875915	40.716	nq	99
51) 2,6-Dinitrotoluene	9.49	165	193350	41.043	nq	89
52) Acenaphthene	9.73	154	679435	37.034	nq	99
53) 3-Nitroaniline	9.65	138	105854	19.674	nq	98
54) 2,4-Dinitrophenol	9.77	184	200290	71.014	nq	# 89
55) Dibenzofuran	9.90	168	1033953	41.070	nq	99
56) 4-Nitrophenol	9.85	139	269374	67.289	nq	93
57) 2,4-Dinitrotoluene	9.89	165	253637	40.865	nq	# 87
58) Fluorene	10.25	166	825527	41.002	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	207953	39.797	nq	98
60) Diethylphthalate	10.13	149	898020	40.276	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	396353	38.408	nq	99
62) 4-Nitroaniline	10.27	138	215473	42.023	nq	98
63) Azobenzene	10.40	77	836873	41.882	nq	97
65) 4,6-Dinitro-2-methylphenol	10.31	198	142670	39.190	nq	91
66) n-Nitrosodiphenylamine	10.36	169	745381	40.560	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	244173	35.532	nq	94
68) Hexachlorobenzene	10.79	284	263899	37.855	nq	94
69) Atrazine	10.89	200	218213	42.677	nq	99
70) Pentachlorophenol	10.99	266	232438	57.858	nq	98
71) Phenanthrene	11.20	178	1190766	40.490	nq	99
72) Anthracene	11.26	178	1245186	41.447	nq	98
73) Carbazole	11.42	167	1138413	40.070	nq	98
74) Di-n-butylphthalate	11.75	149	1481358	39.663	nq	99
75) Fluoranthene	12.39	202	1333737	42.032	nq	98
77) Benzidine	12.52	184	744202	52.727	nq	99
78) Pyrene	12.62	202	1341752	38.118	nq	98
80) Butylbenzylphthalate	13.24	149	642758	37.632	nq	97
81) Benzo(a)anthracene	13.81	228	1124730	40.946	nq	99
82) 3,3'-Dichlorobenzidine	13.77	252	198656	19.383	nq	99
83) Chrysene	13.85	228	1135307	40.677	nq	98
84) Bis(2-ethylhexyl)phthalate	13.81	149	857682	37.081	nq	99
85) Di-n-octyl phthalate	14.42	149	1518357	38.554	nq	98
86) Indeno(1,2,3-cd)pyrene	16.57	276	942251	38.298	nq	99
88) Benzo(b)fluoranthene	14.83	252	1021622	38.260	nq	99
89) Benzo(k)fluoranthene	14.86	252	1006532	43.688	nq	99
90) Benzo(a)pyrene	15.17	252	904274	40.278	nq	99
91) Dibenzo(a,h)anthracene	16.59	278	785855	39.516	nq	99
92) Benzo(g,h,i)perylene	16.98	276	773179	39.387	nq	96

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

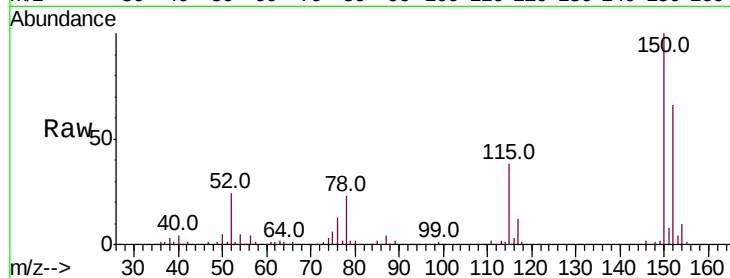


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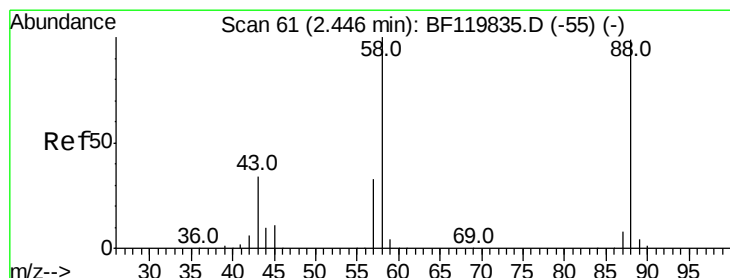
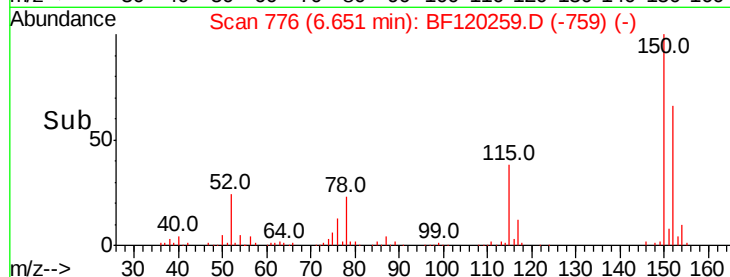
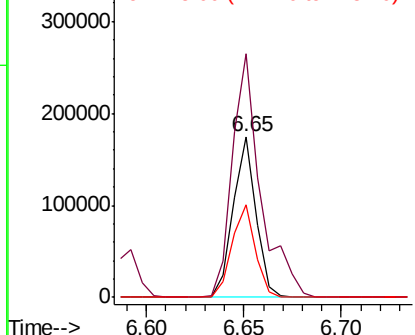
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:152 Resp: 141583
Ion Ratio Lower Upper
152 100
150 151.4 124.5 186.7
115 57.4 49.6 74.4



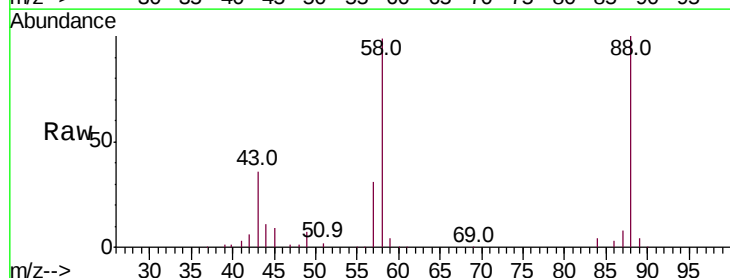
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



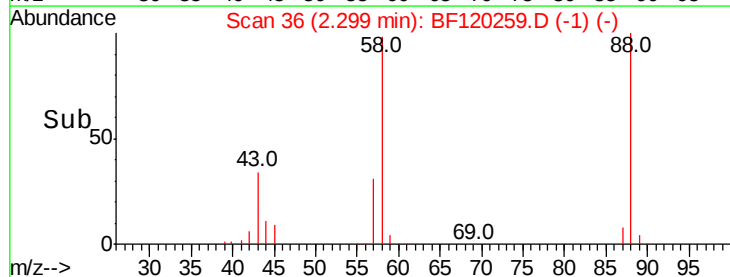
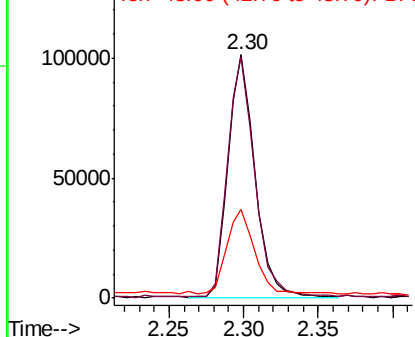
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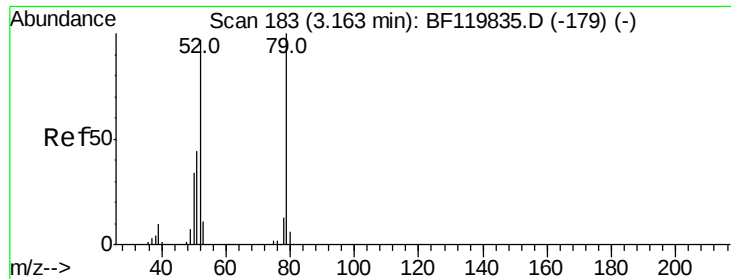
1,4-Dioxane
Concen: 35.177 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.06 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion: 88 Resp: 128361
Ion Ratio Lower Upper
88 100
58 99.7 80.6 121.0
43 36.7 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

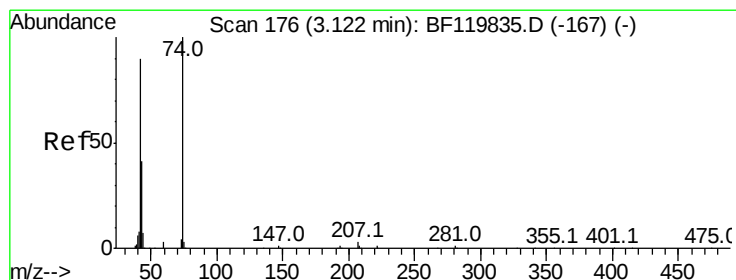
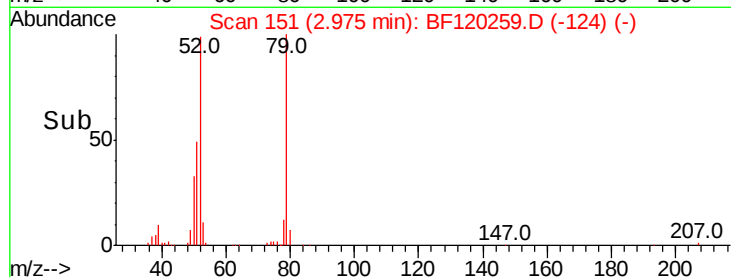
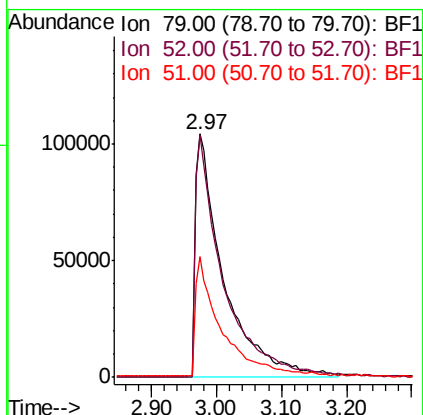
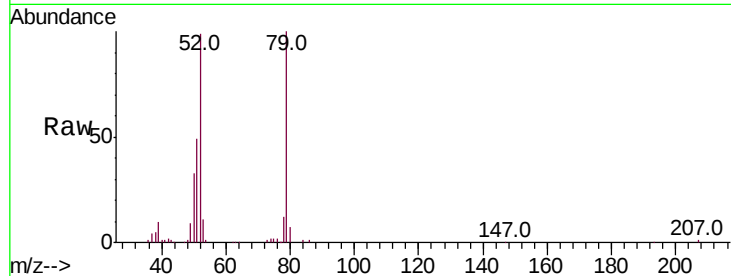




#3
 Pvridine
 Concen: 31.350 ng
 RT: 2.97 min Scan# 151
 Delta R.T. 0.06 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

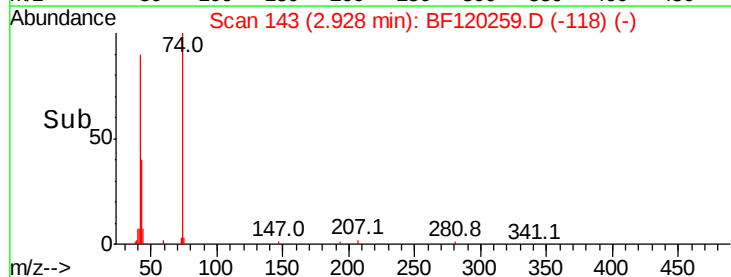
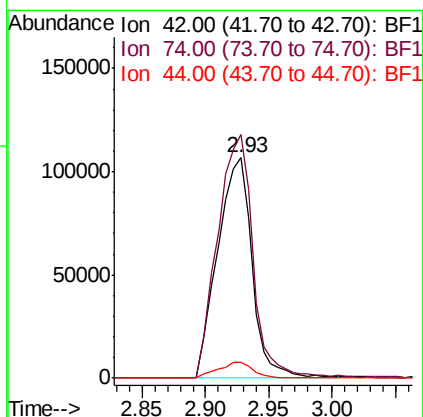
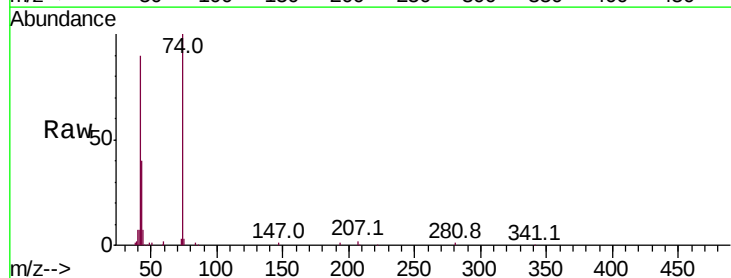
Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

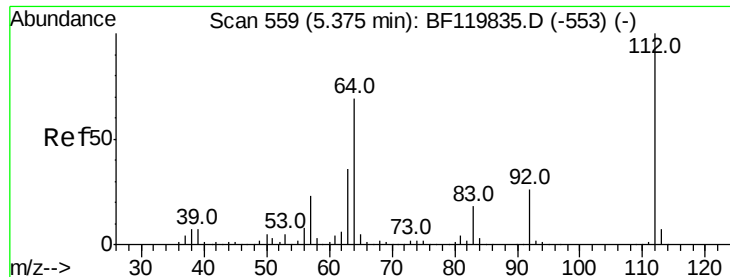
Tot Ion: 79 Resp: 313860
 Ion Ratio Lower Upper
 79 100
 52 99.3 80.2 120.2
 51 49.3 37.7 56.5



#4
 n-Nitrosodimethylamine
 Concen: 39.414 ng
 RT: 2.93 min Scan# 143
 Delta R.T. 0.05 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion: 42 Resp: 201609
 Ion Ratio Lower Upper
 42 100
 74 110.5 91.5 137.3
 44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 127.083 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

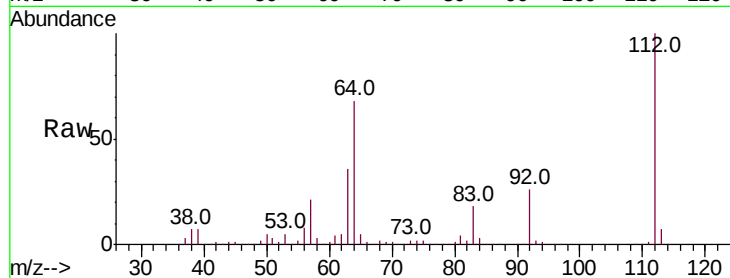
Tot Ion:112 Resp: 1041140

Ion Ratio Lower Upper

112 100

64 67.6 56.7 85.1

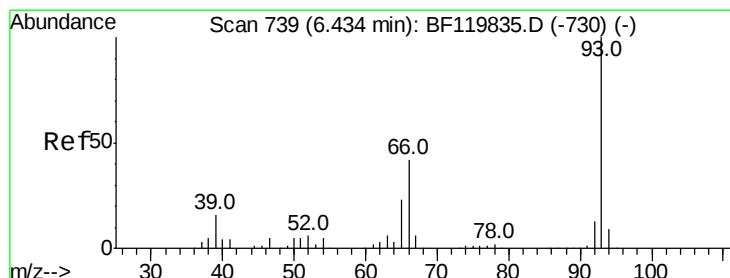
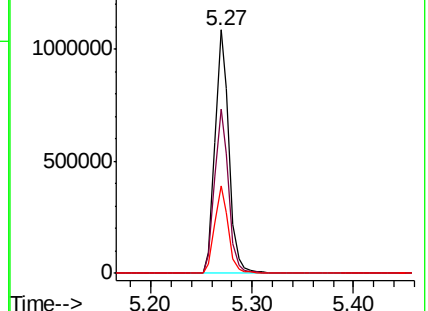
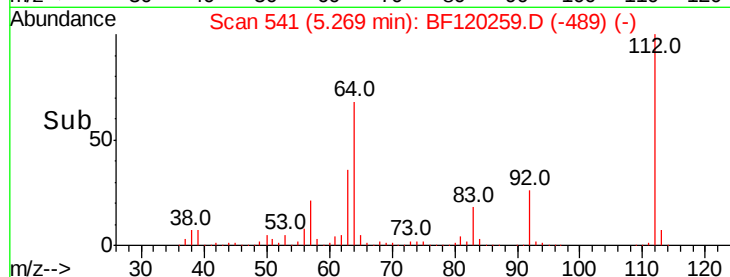
63 35.7 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.826 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

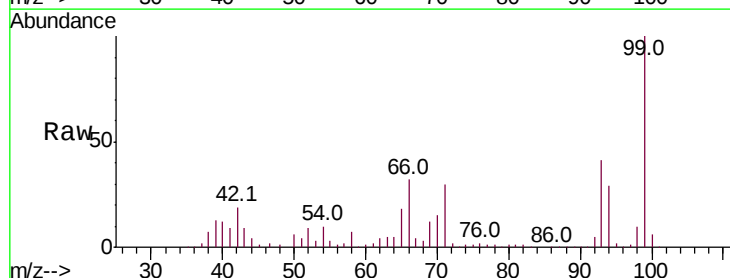
Tgt Ion: 93 Resp: 399406

Ion Ratio Lower Upper

93 100

66 78.0 34.9 52.3#

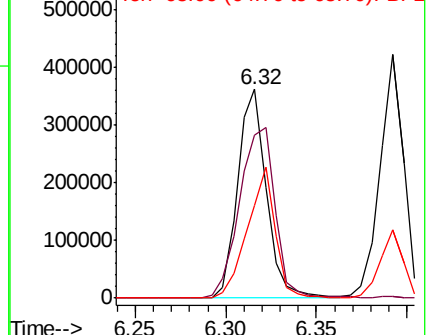
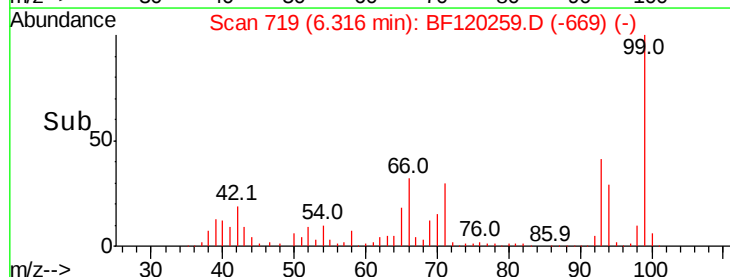
65 44.5 18.6 27.8#

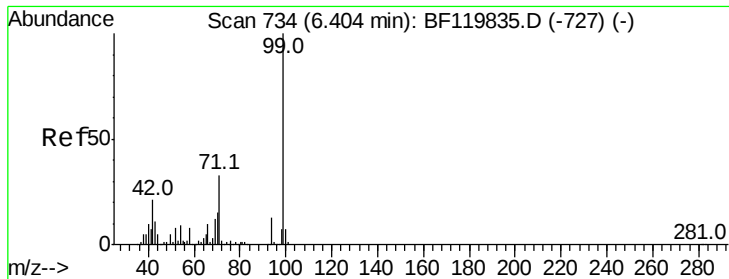


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.120 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

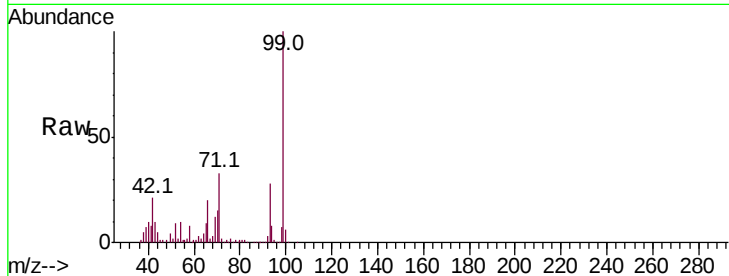
Tot Ion: 99 Resp: 1289164

Ion Ratio Lower Upper

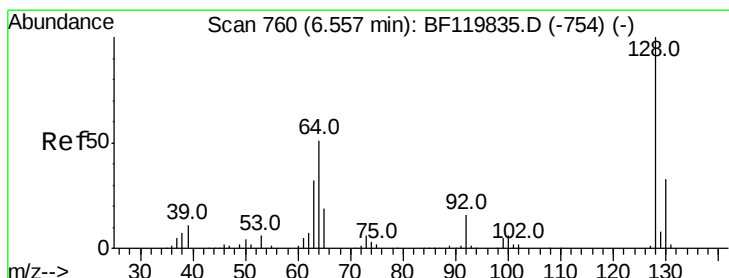
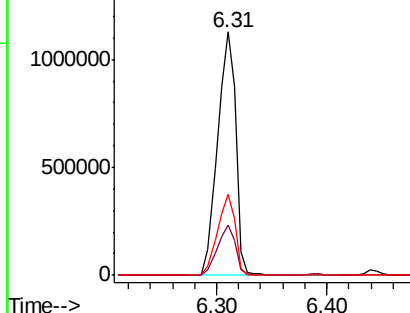
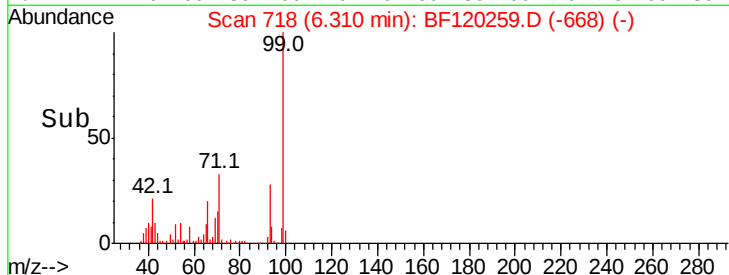
99 100

42 20.6 16.6 24.8

71 33.1 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.454 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

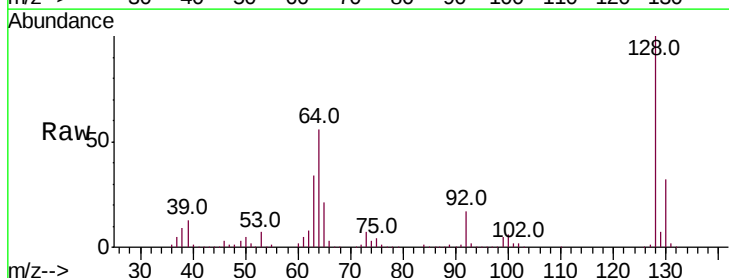
Tgt Ion:128 Resp: 397769

Ion Ratio Lower Upper

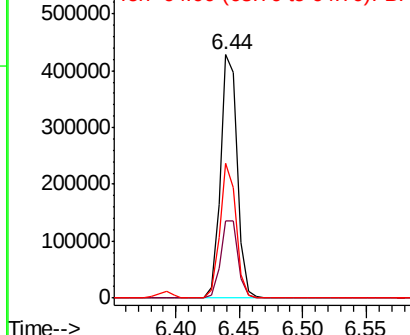
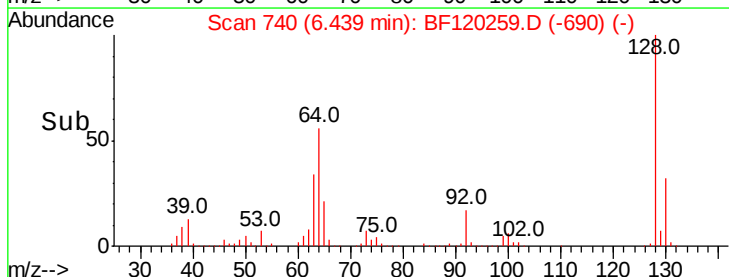
128 100

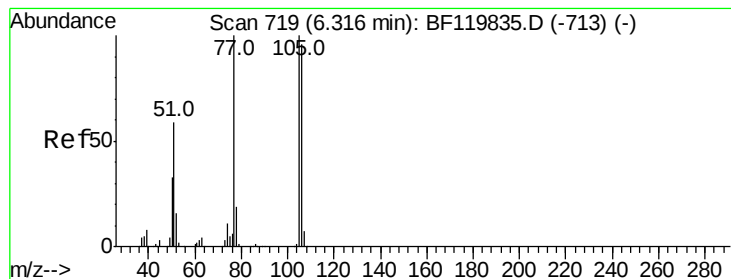
130 31.8 12.6 52.6

64 55.6 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 49.535 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

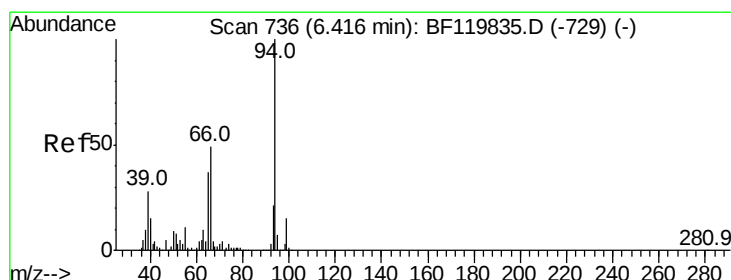
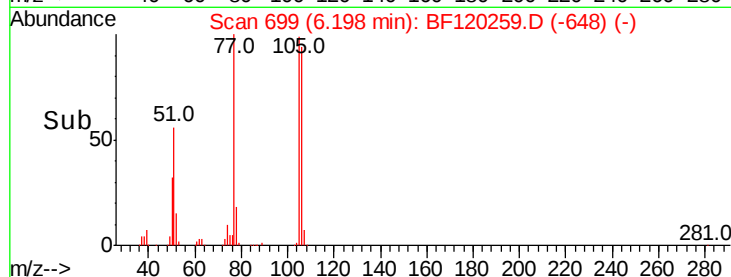
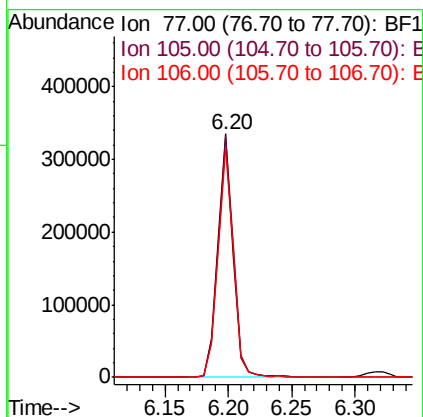
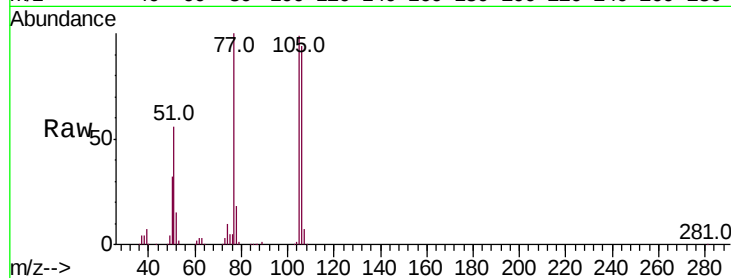
Tot Ion: 77 Resp: 288799

Ion Ratio Lower Upper

77 100

105 99.0 80.9 120.9

106 93.7 77.9 117.9



#10

Phenol

Concen: 41.614 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

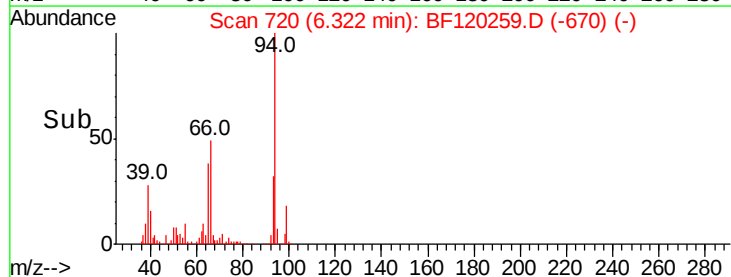
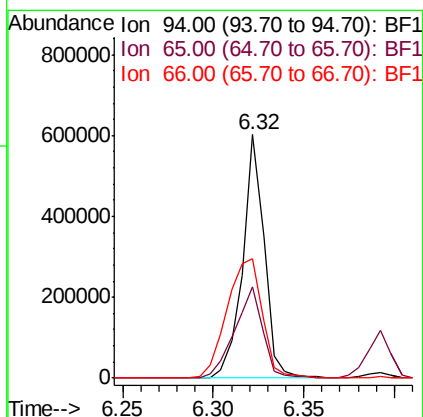
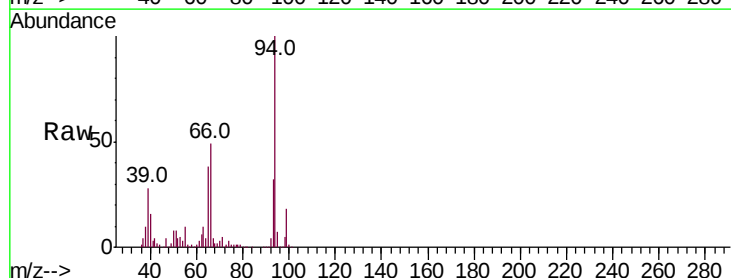
Tgt Ion: 94 Resp: 498380

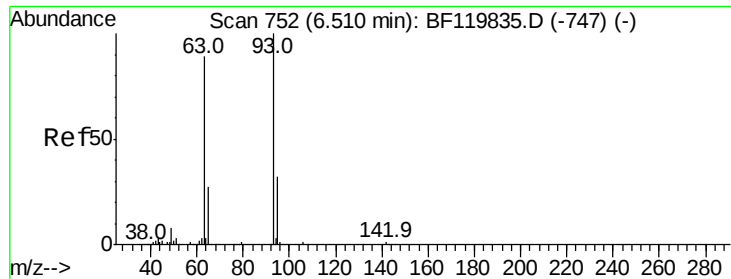
Ion Ratio Lower Upper

94 100

65 37.7 13.2 53.2

66 49.3 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 40.968 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

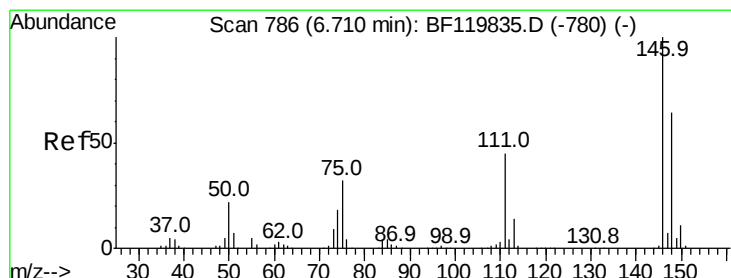
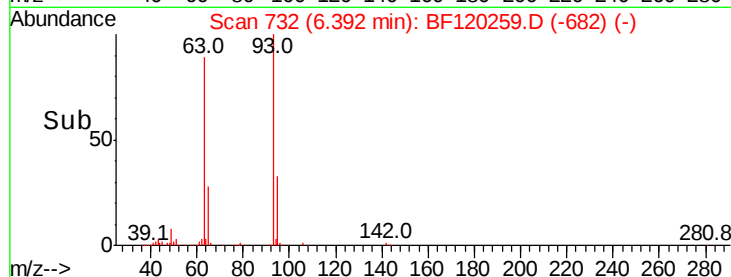
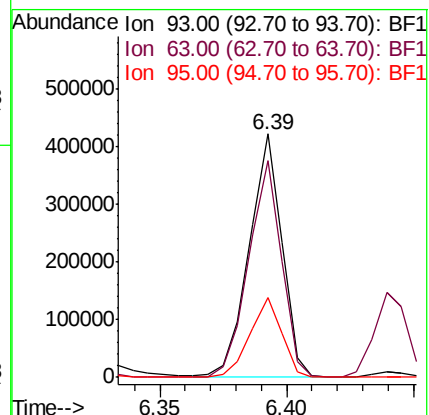
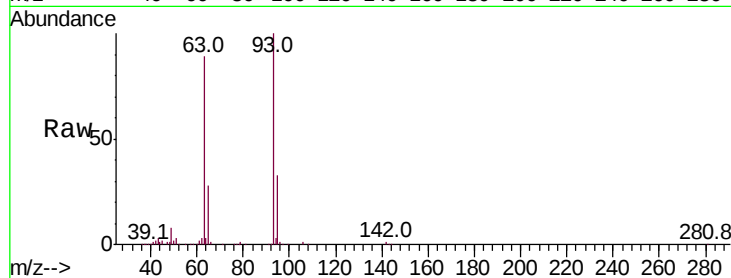
Tot Ion: 93 Resp: 378834

Ion Ratio Lower Upper

93 100

63 89.3 70.2 110.2

95 32.9 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 40.771 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

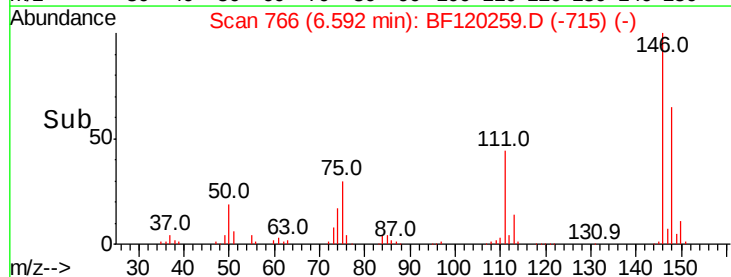
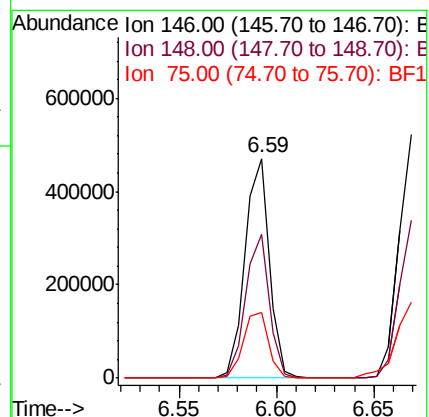
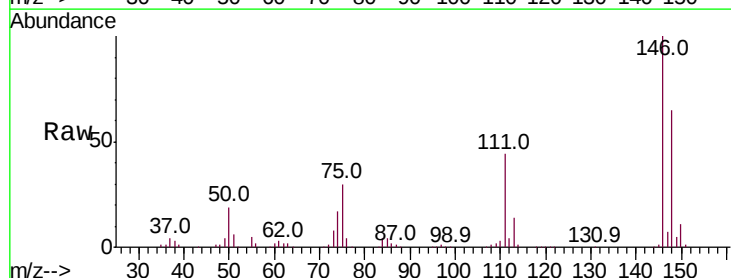
Tgt Ion: 146 Resp: 408584

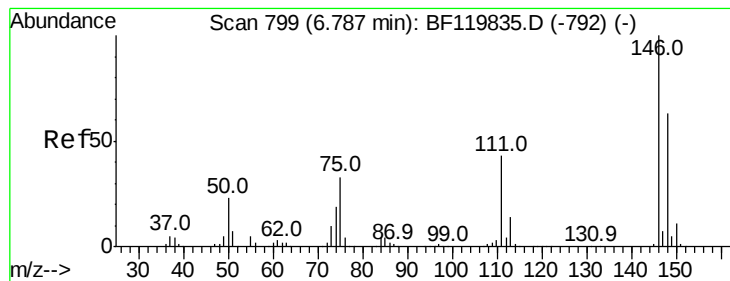
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

75 29.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.721 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

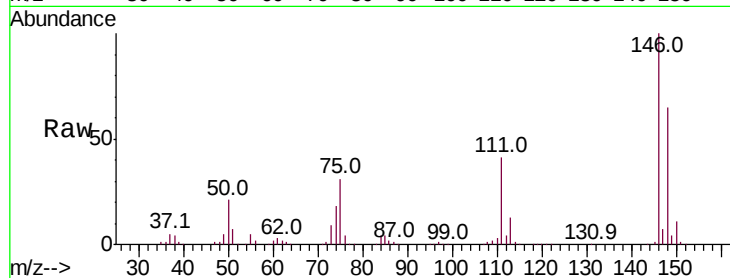
Tot Ion:146 Resp: 415704

Ion Ratio Lower Upper

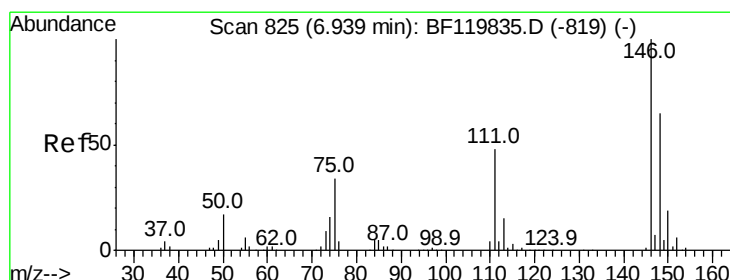
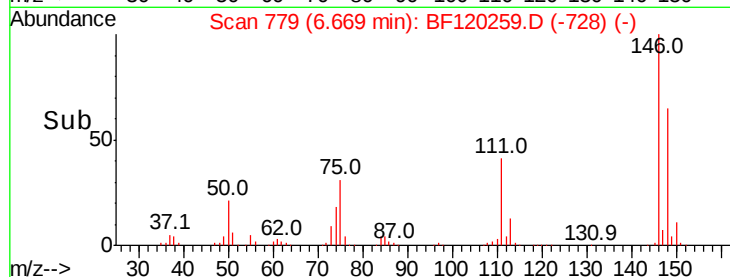
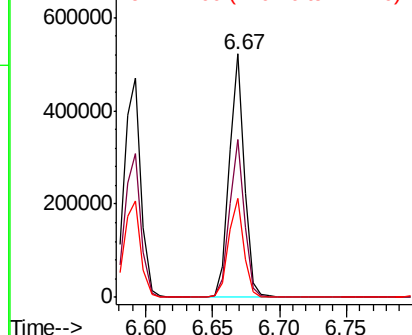
146 100

148 65.0 51.5 77.3

111 40.7 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: 41.576 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

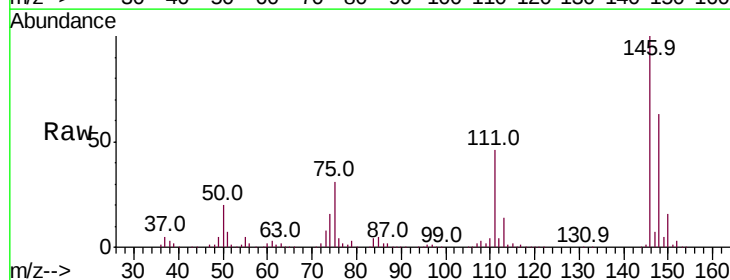
Tgt Ion:146 Resp: 391150

Ion Ratio Lower Upper

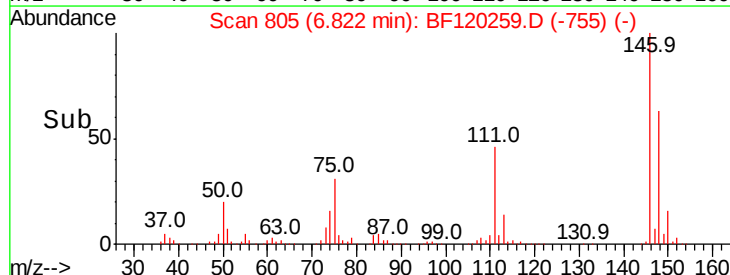
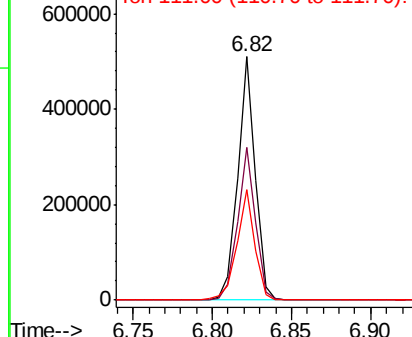
146 100

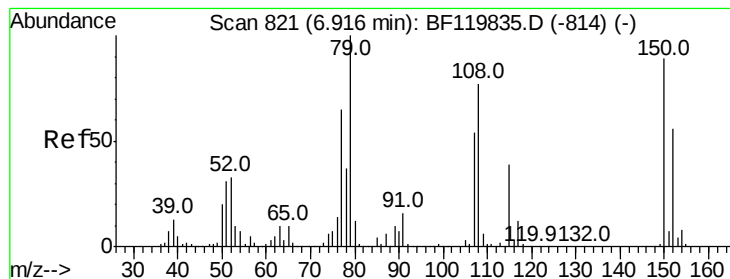
148 63.0 50.6 75.8

111 45.5 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: 40.429 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

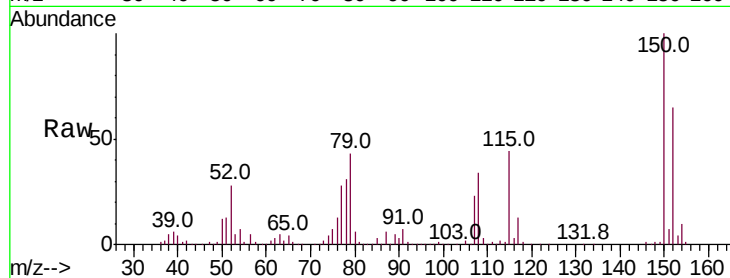
Tot Ion: 79 Resp: 331489

Ion Ratio Lower Upper

79 100

108 78.3 60.6 90.8

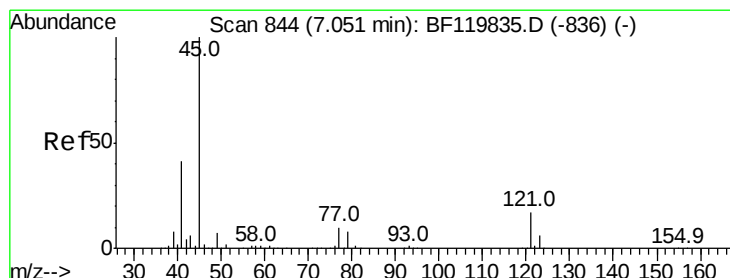
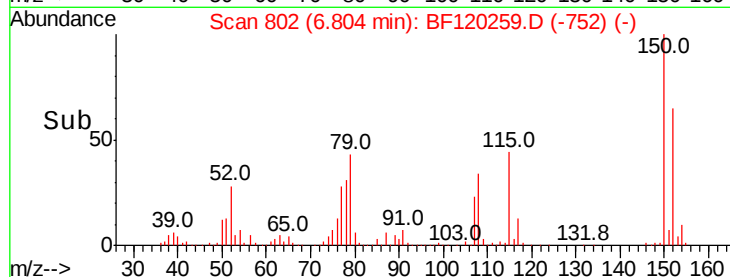
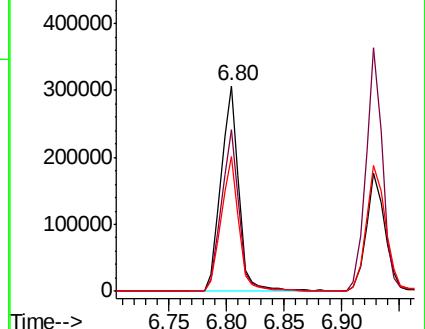
77 65.4 50.2 75.2



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: 36.104 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

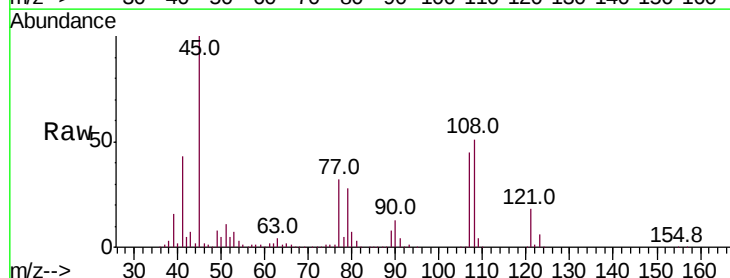
Tgt Ion: 45 Resp: 649663

Ion Ratio Lower Upper

45 100

77 31.9 0.0 30.7#

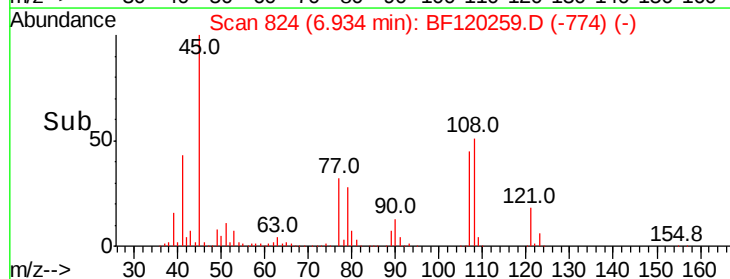
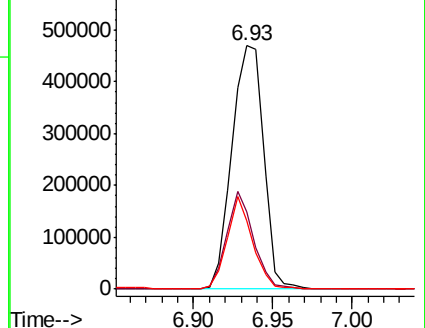
79 28.2 0.0 28.2#

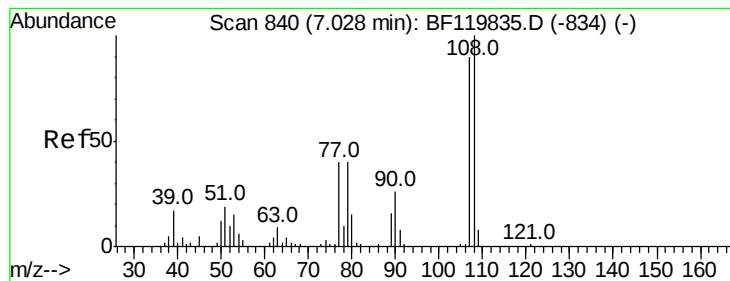


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.444 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

Tot Ion:107 Resp: 322220

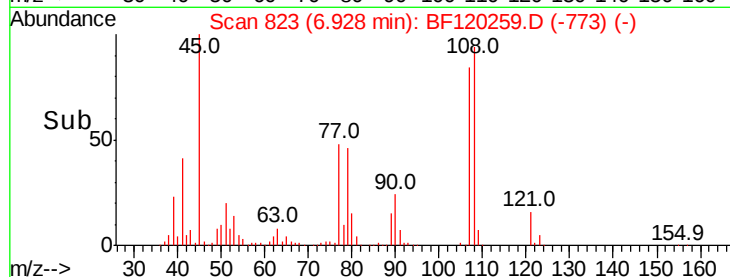
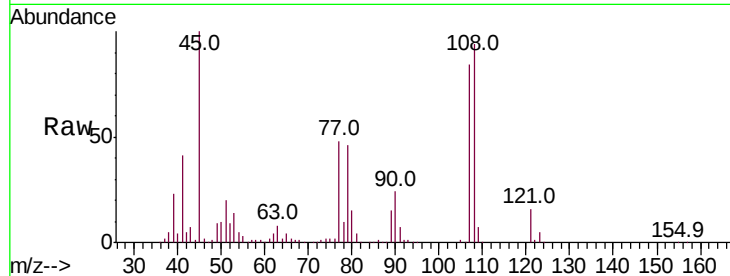
Ion Ratio Lower Upper

107 100

108 111.4 92.2 138.4

77 57.5 36.6 54.8#

79 54.4 36.2 54.4#

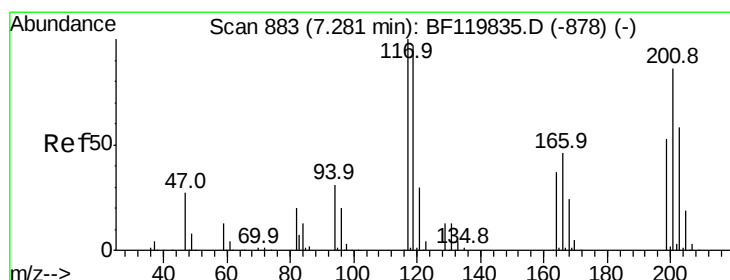
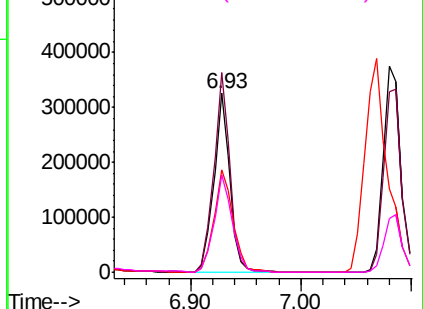


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.795 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

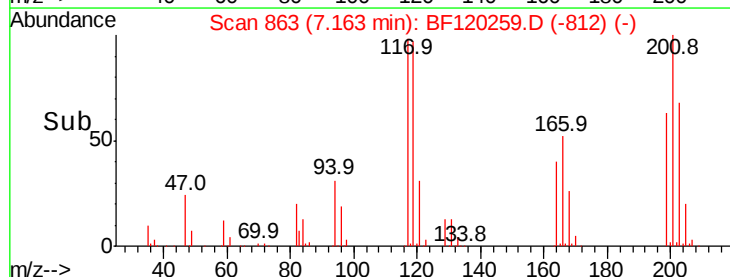
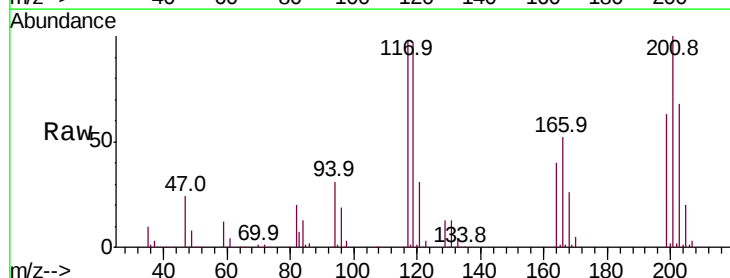
Tgt Ion:117 Resp: 155641

Ion Ratio Lower Upper

117 100

119 99.0 76.1 114.1

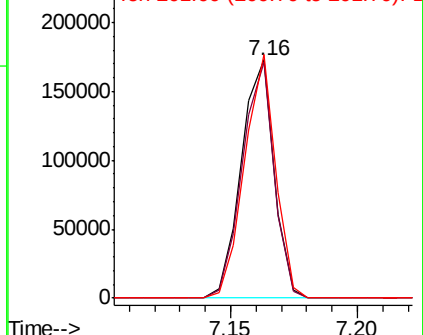
201 102.3 73.0 109.6

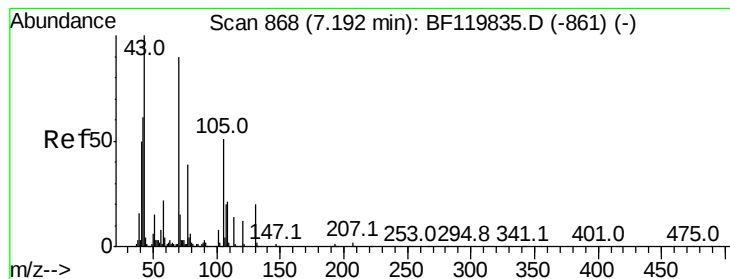


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.968 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

Tot Ion: 70 Resp: 278104

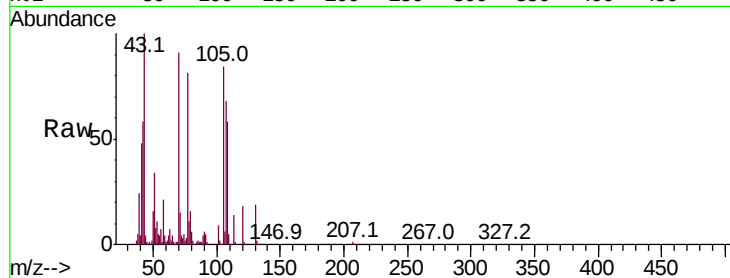
Ion Ratio Lower Upper

70 100

42 63.7 54.5 81.7

101 9.7 7.6 11.4

130 21.0 17.6 26.4

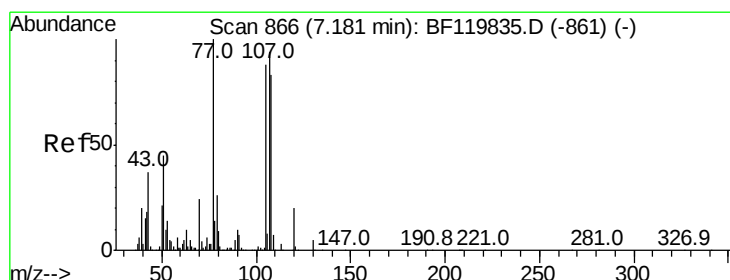
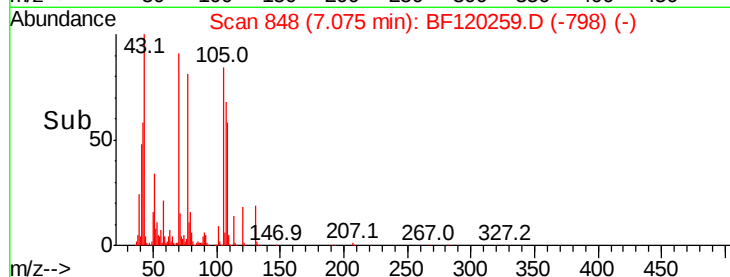
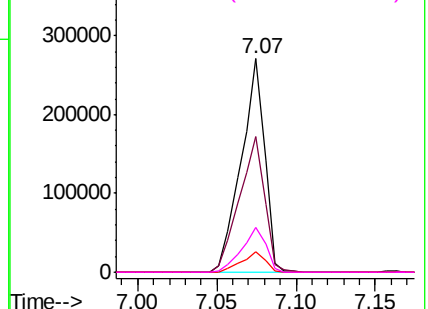


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.791 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion: 107 Resp: 417535

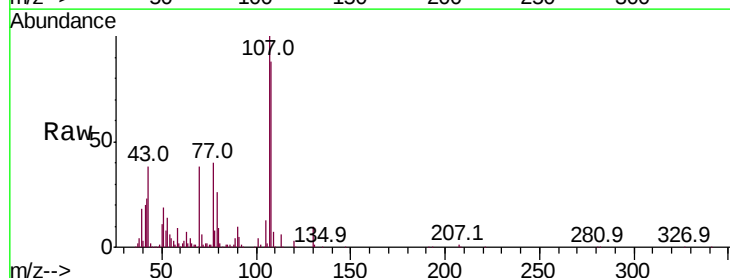
Ion Ratio Lower Upper

107 100

108 88.0 67.9 107.9

77 40.3 52.9 92.9#

79 26.2 7.7 47.7

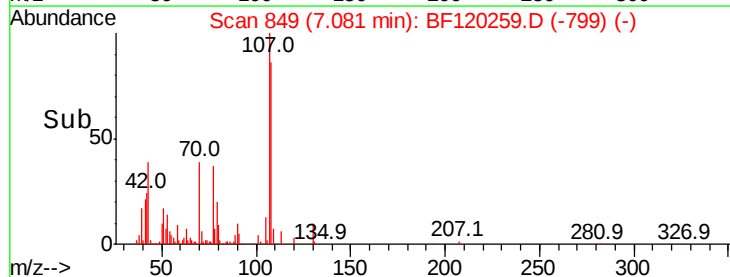
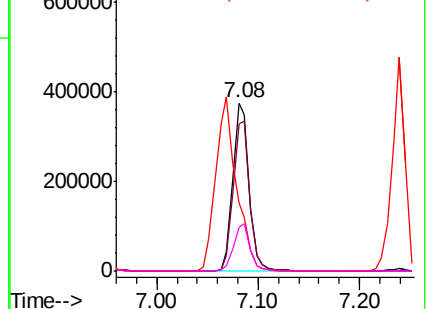


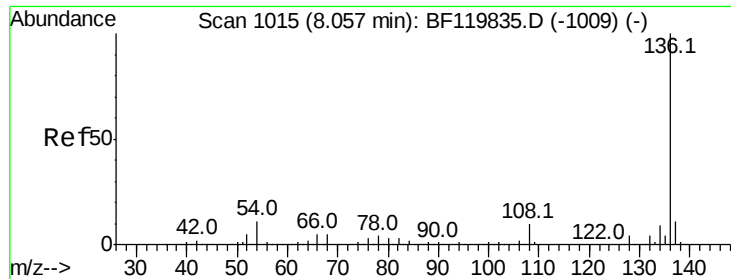
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

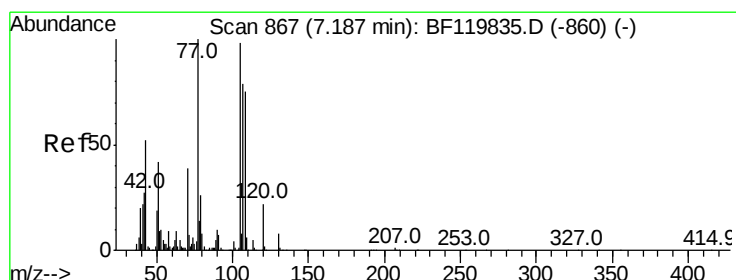
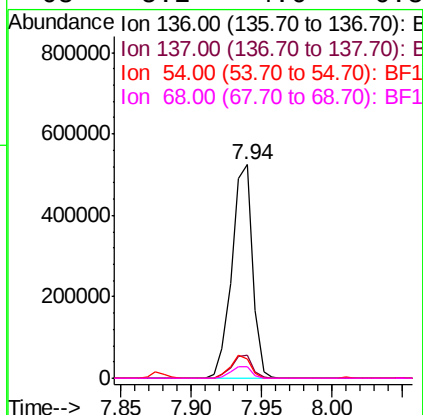
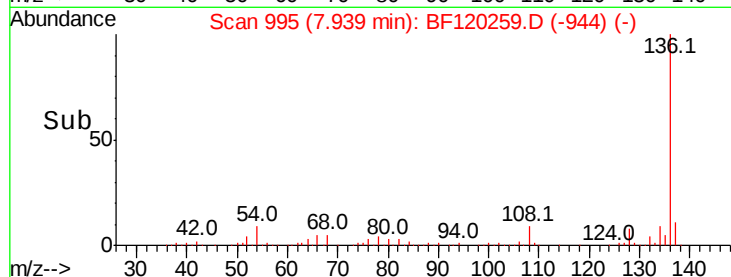
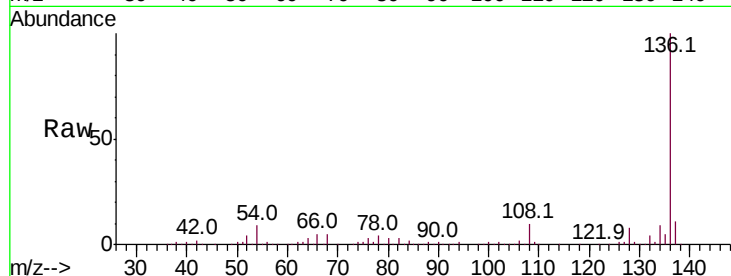




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

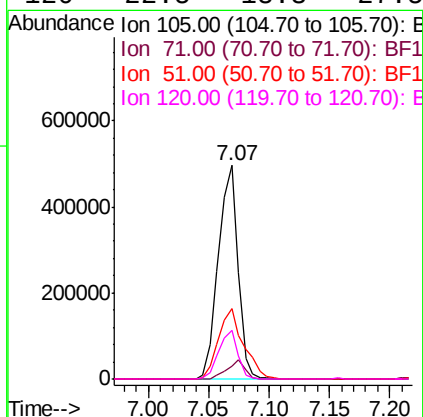
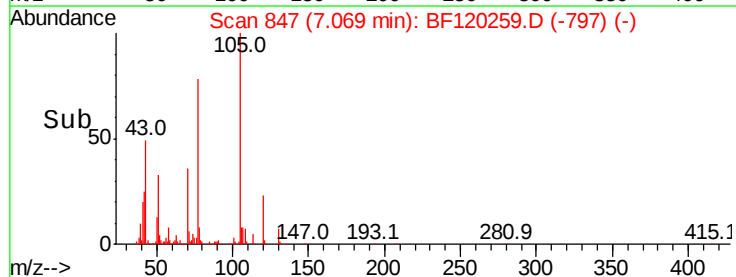
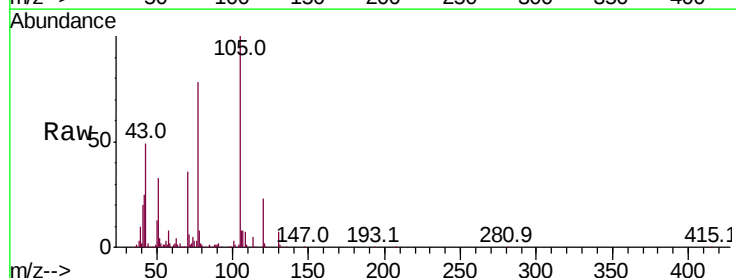
Instrument :
BNA_F
ClientSampleId :
PB128596BS

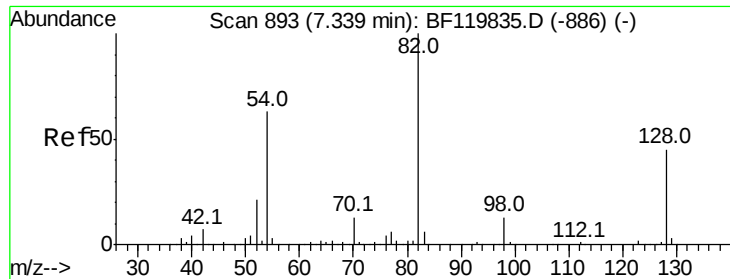
Tot Ion:	136	Resp:	536612
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.3	9.1	13.7
68	5.2	4.6	6.8



#22
Acetophenone
Concen: 44.267 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:	105	Resp:	556243
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.7	8.5
51	32.7	26.2	39.4
120	22.5	18.3	27.5

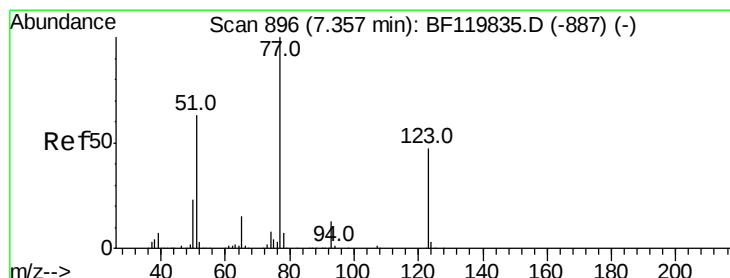
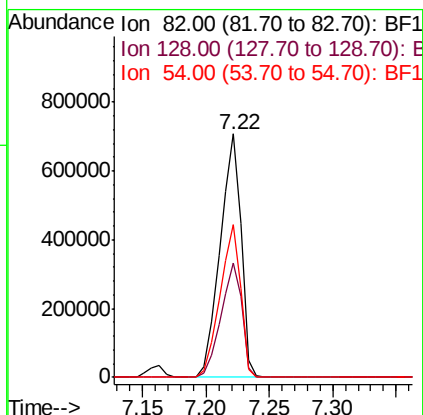
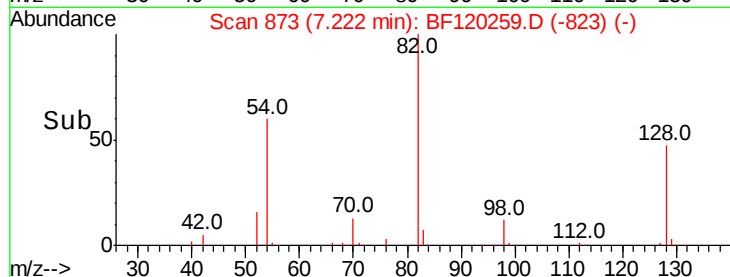
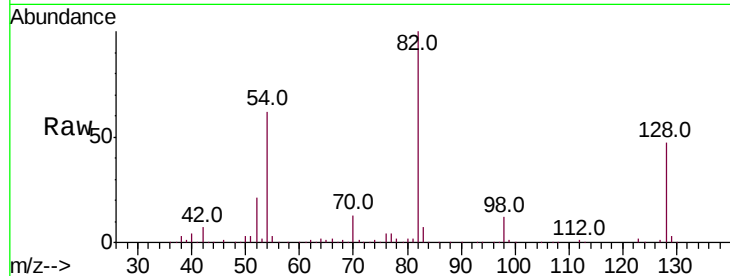




#23
 Nitrobenzene-d5
 Concen: 78.356 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

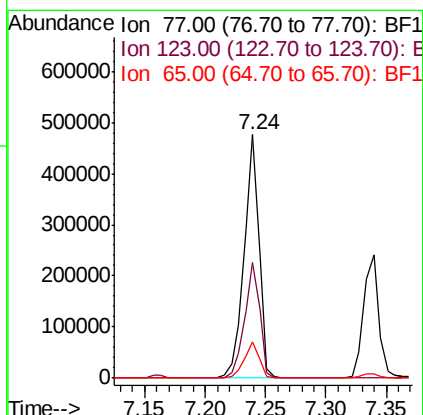
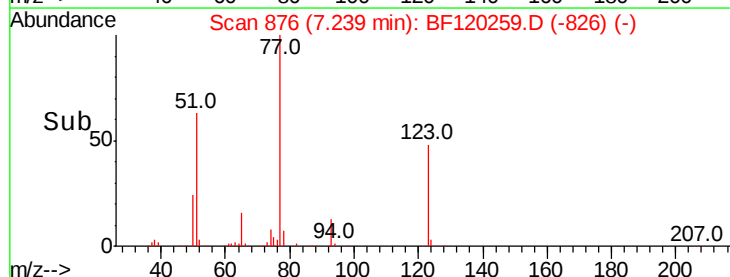
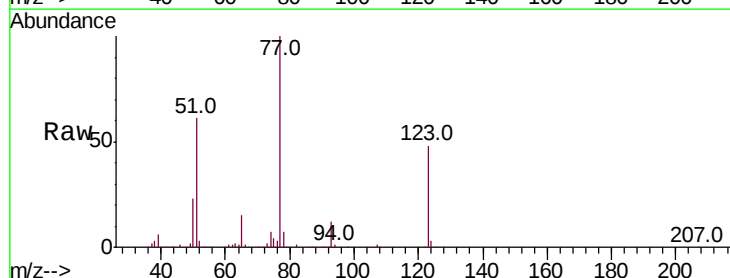
Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

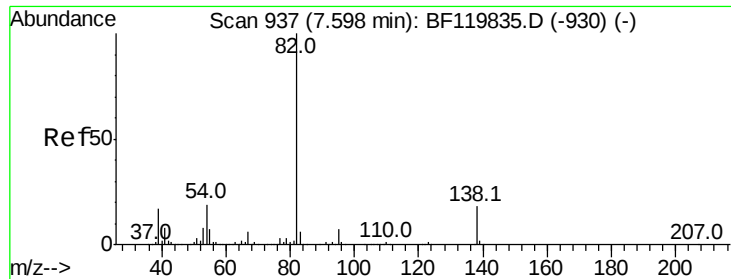
Tot Ion: 82 Resp: 812758
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 62.5 50.6 75.8



#24
 Nitrobenzene
 Concen: 39.773 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion: 77 Resp: 415008
 Ion Ratio Lower Upper
 77 100
 123 47.7 38.0 57.0
 65 14.9 12.6 18.8

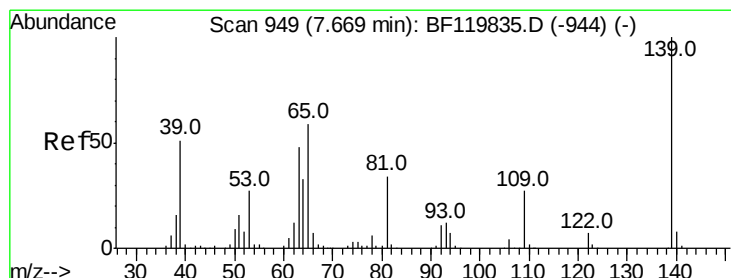
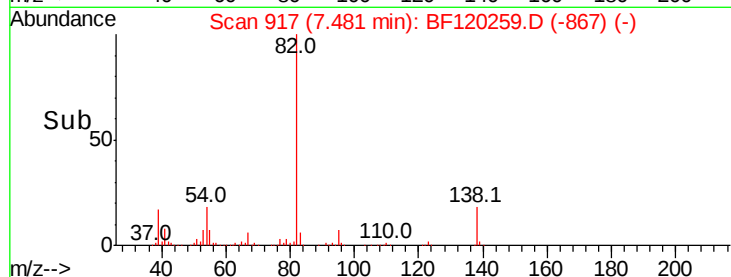
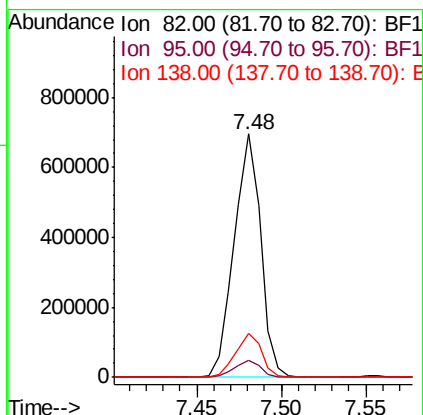
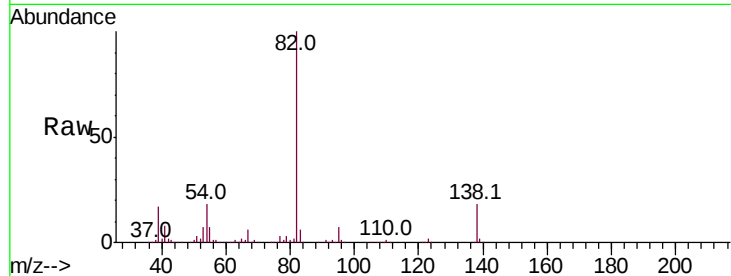




#25
Isophorone
Concen: 38.164 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

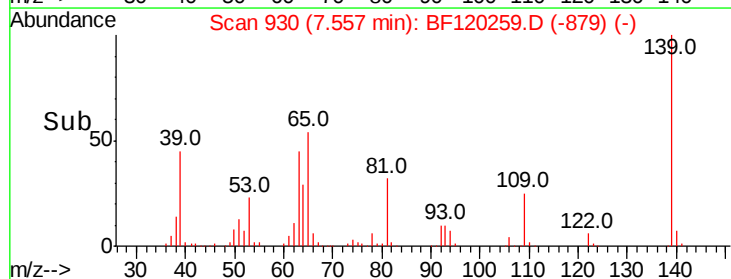
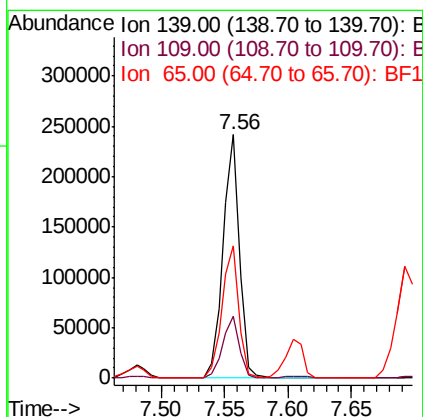
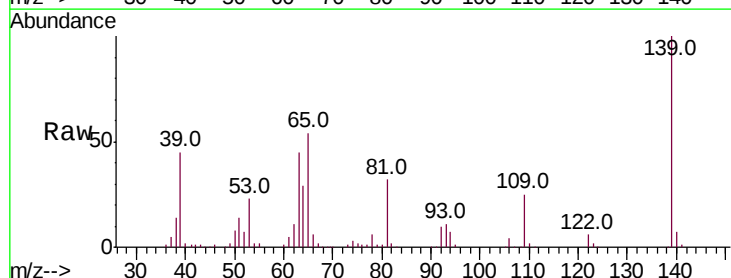
Instrument :
BNA_F
ClientSampleId :
PB128596BS

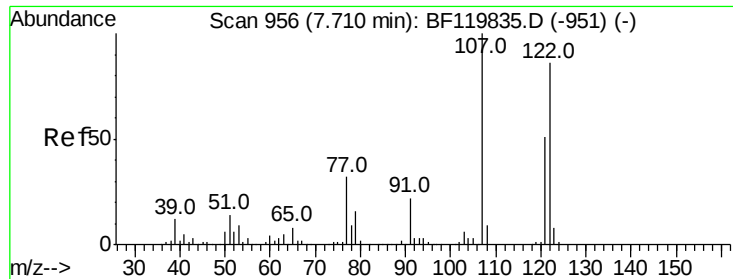
Tot Ion: 82 Resp: 763098
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.6
138 17.9 14.6 21.8



#26
2-Nitrophenol
Concen: 41.859 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:139 Resp: 218215
Ion Ratio Lower Upper
139 100
109 25.4 22.1 33.1
65 54.5 49.2 73.8

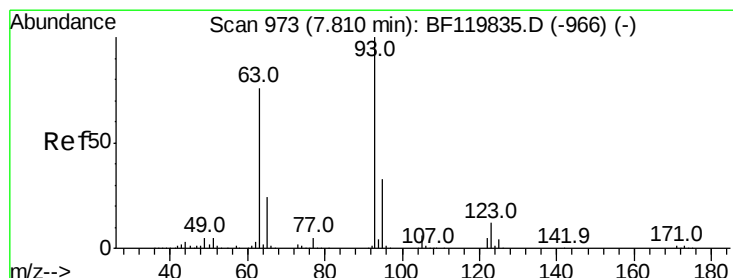
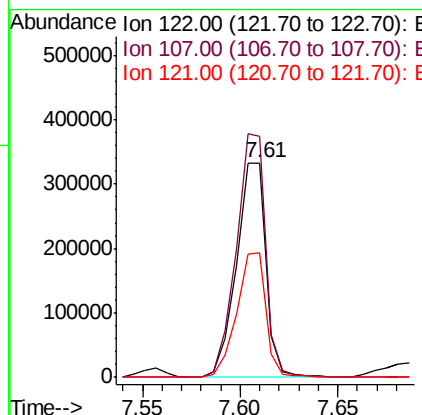
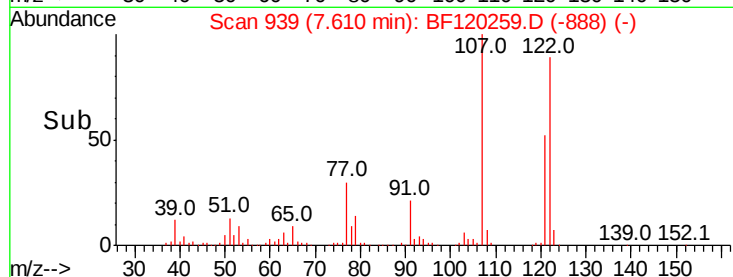
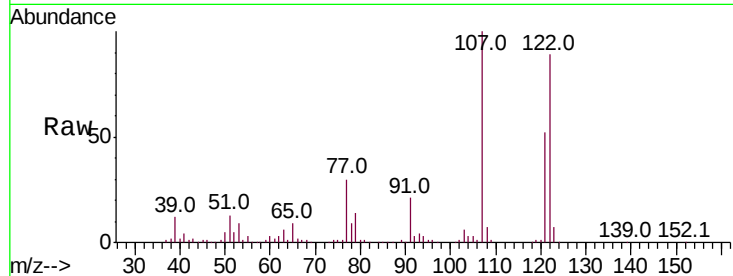




#27
2,4-Dimethylphenol
Concen: 44.469 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

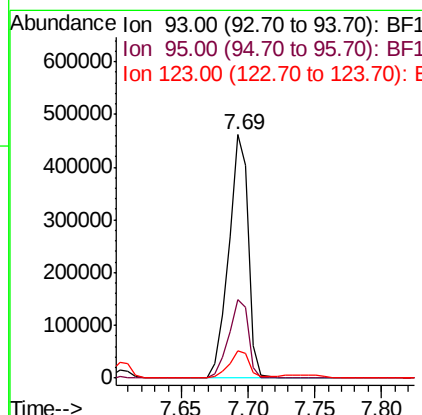
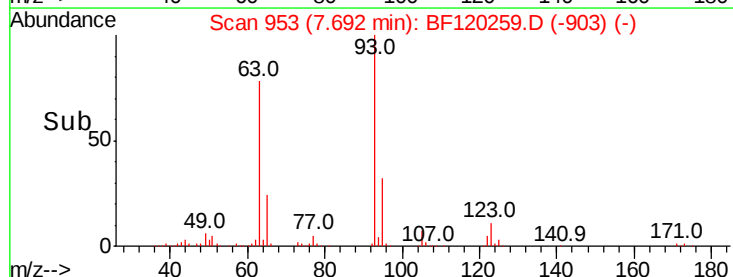
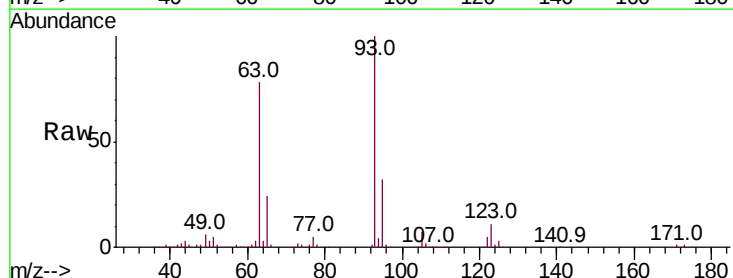
Instrument :
BNA_F
ClientSampleId :
PB128596BS

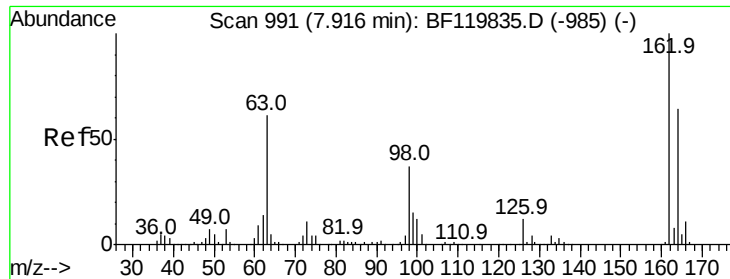
Tot Ion:122 Resp: 349627
Ion Ratio Lower Upper
122 100
107 112.3 89.0 133.6
121 58.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.722 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion: 93 Resp: 479141
Ion Ratio Lower Upper
93 100
95 32.3 26.3 39.5
123 11.4 9.7 14.5

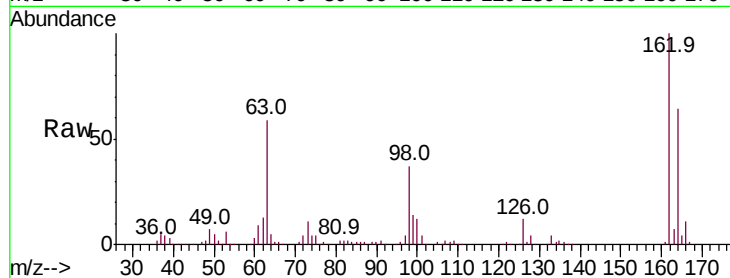




#29
 2,4-Dichlorophenol
 Concen: 40.362 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.7	84.7
98	36.7	20.7	60.7

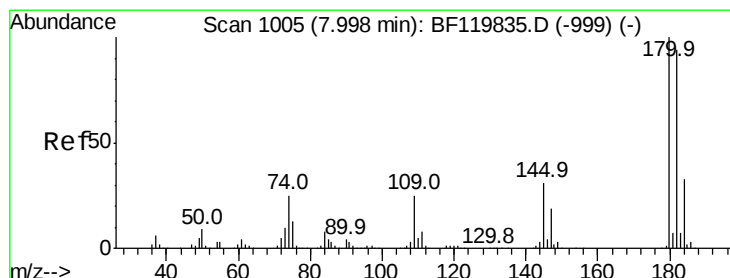
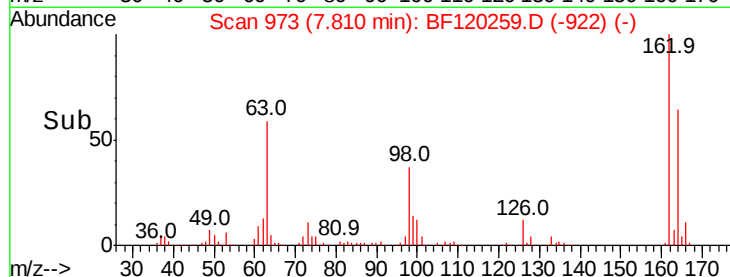
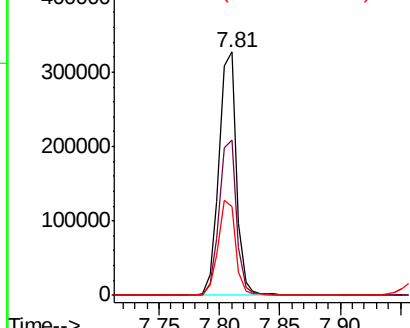


Abundance

Ion 162.00 (161.70 to 162.70): E

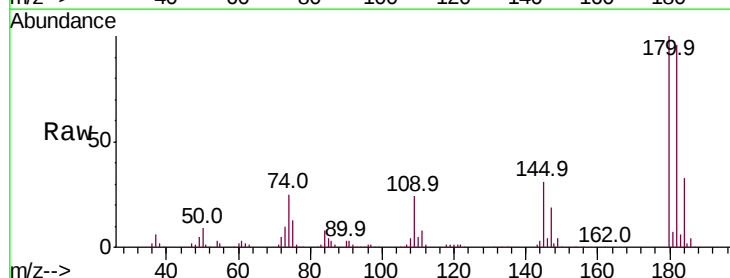
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.347 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.7	112.1
145	31.3	24.5	36.7

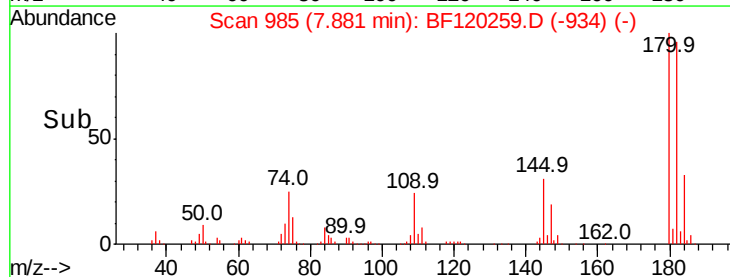
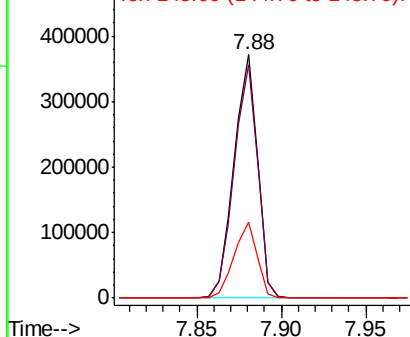


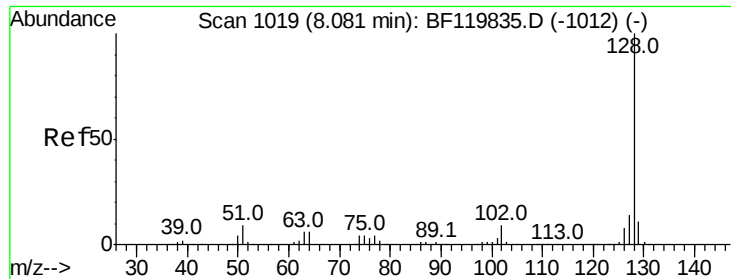
Abundance

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

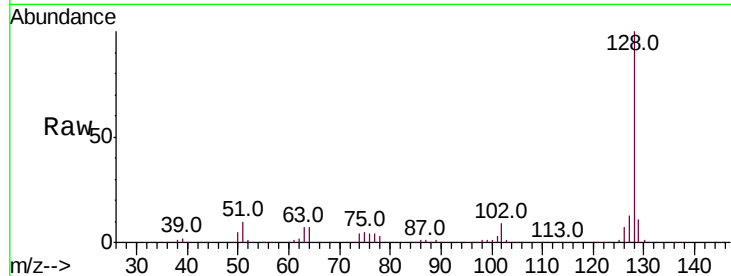




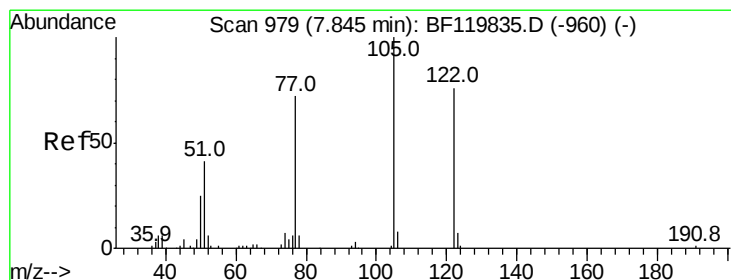
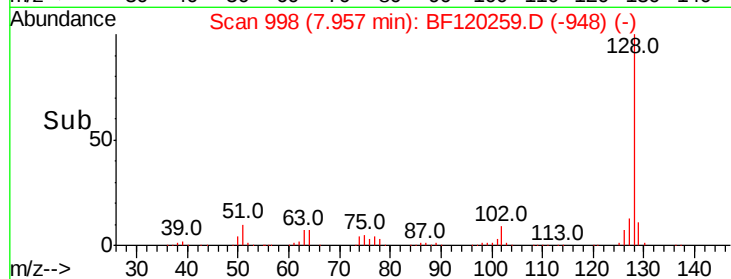
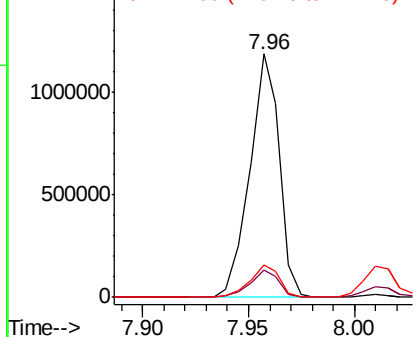
#31
Naphthalene
Concen: 40.850 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:128 Resp: 1153306
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.3 11.3 16.9

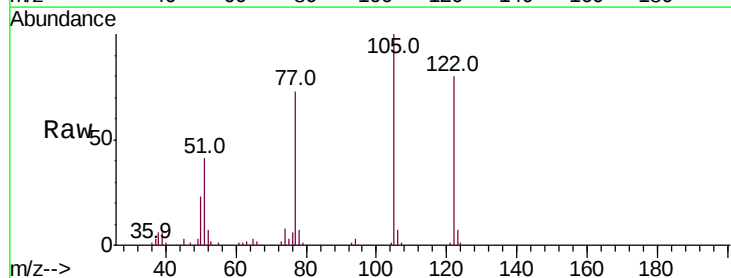


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

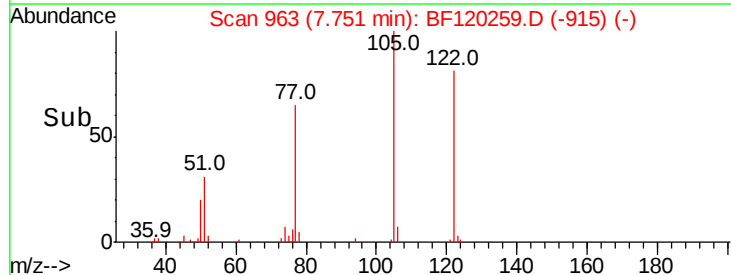
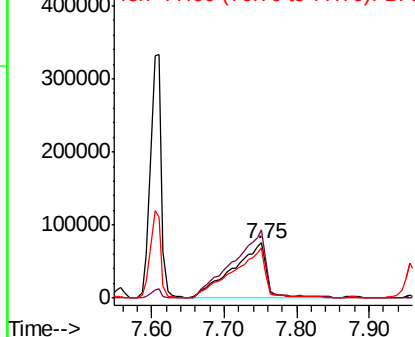


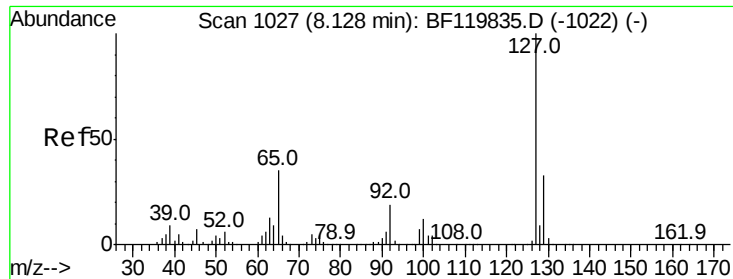
#32
Benzoic acid
Concen: 34.917 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:122 Resp: 241100
Ion Ratio Lower Upper
122 100
105 124.5 104.9 144.9
77 90.4 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

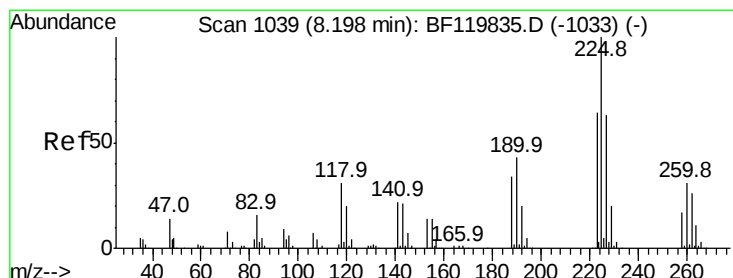
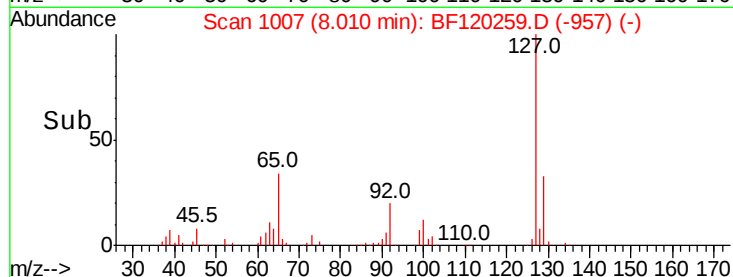
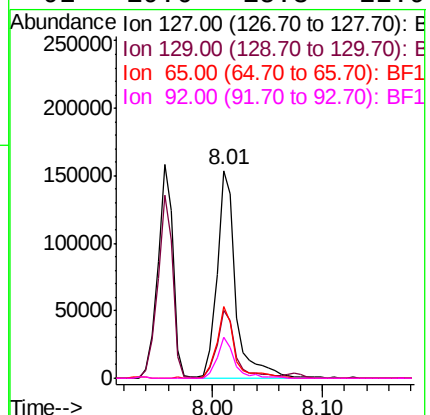
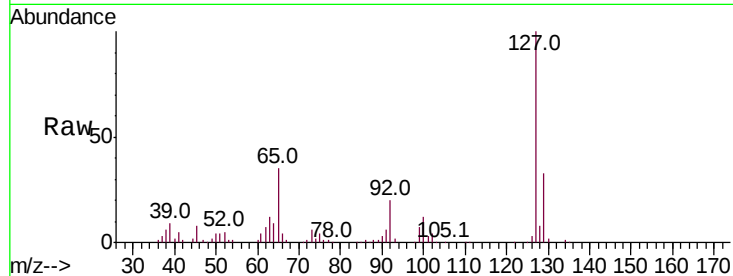




#33
 4-Chloroaniline
 Concen: 14.700 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

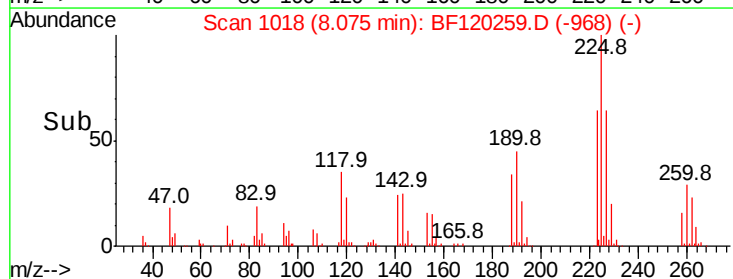
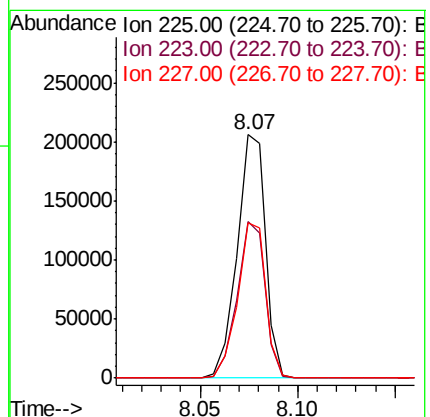
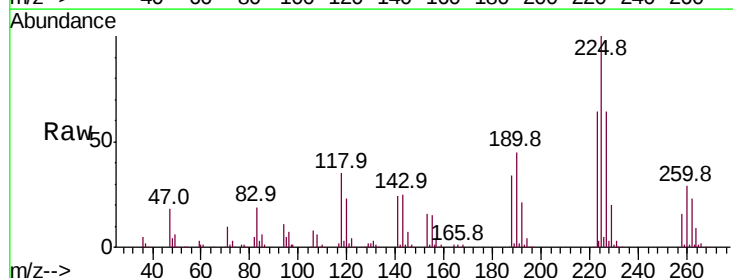
Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

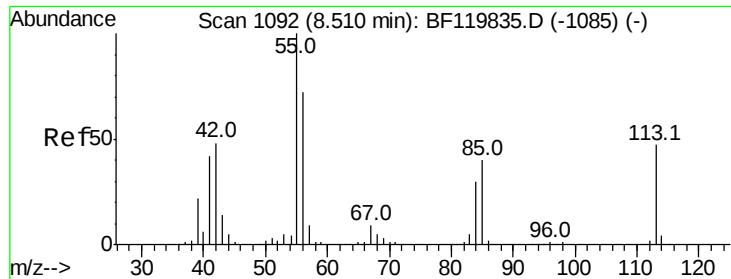
Tot Ion:	127	Resp:	180675
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	34.9	27.4	41.0
92	19.6	15.3	22.9



#34
 Hexachlorobutadiene
 Concen: 37.889 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:	225	Resp:	207109
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	63.5	50.7	76.1

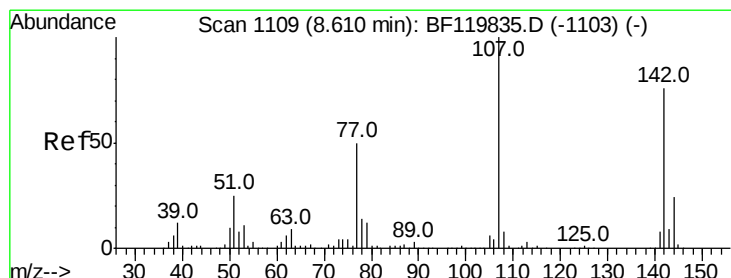
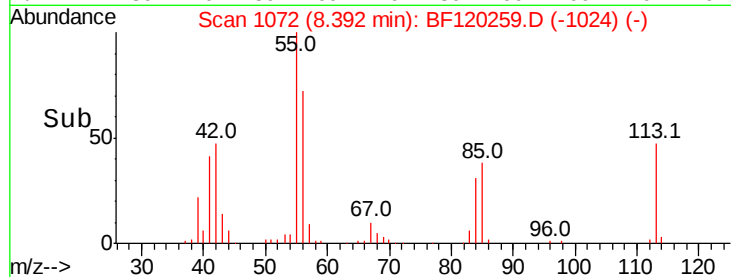
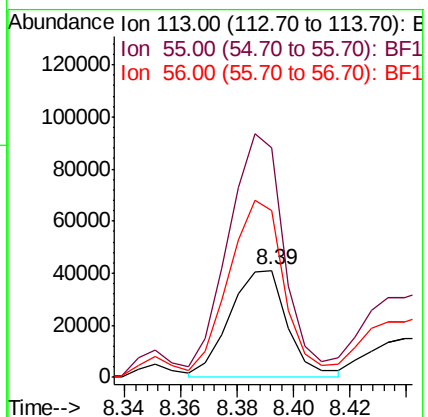
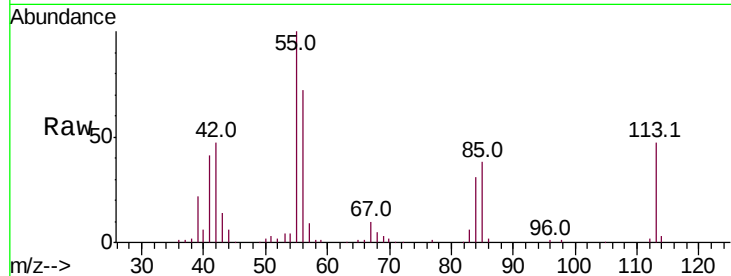




#35
Caprolactam
Concen: 23.737 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

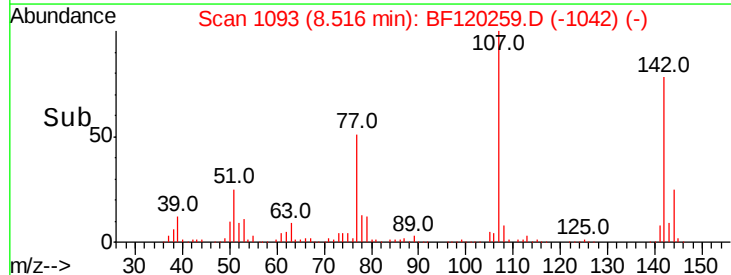
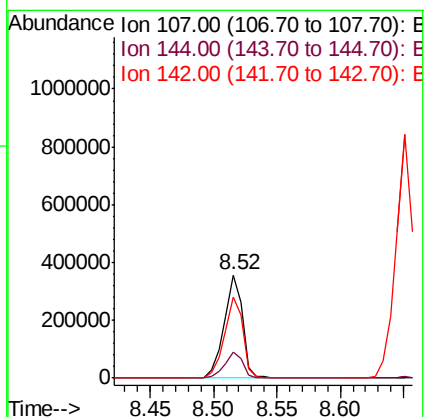
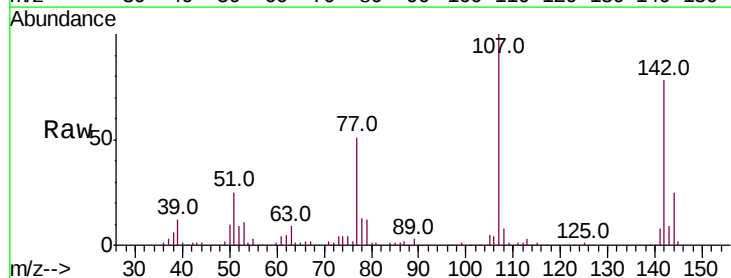
Instrument :
BNA_F
ClientSampleId :
PB128596BS

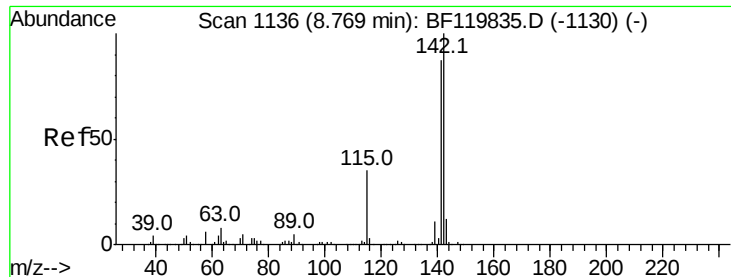
Tot Ion:113 Resp: 58516
Ion Ratio Lower Upper
113 100
55 214.7 218.4 258.4#
56 155.1 148.9 188.9



#36
4-Chloro-3-methylphenol
Concen: 41.243 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:107 Resp: 359854
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.6
142 77.9 64.4 96.6





#37

2-Methylnaphthalene

Concen: 40.630 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

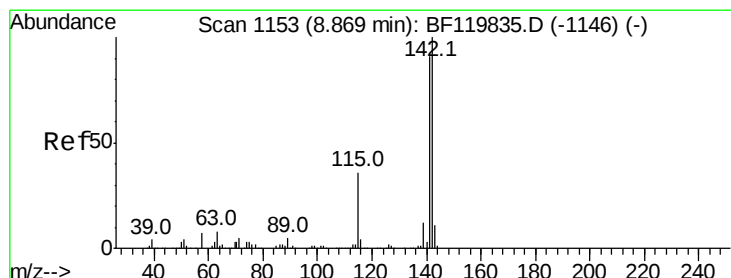
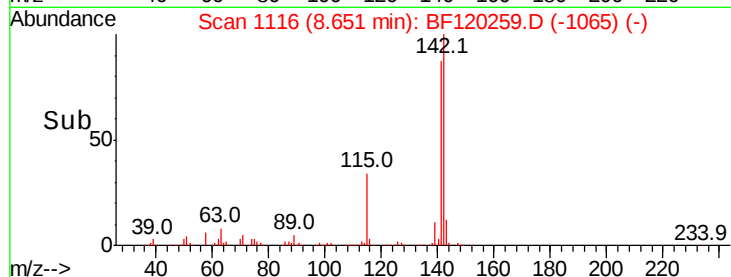
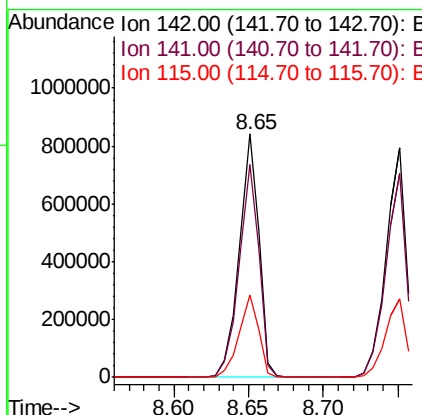
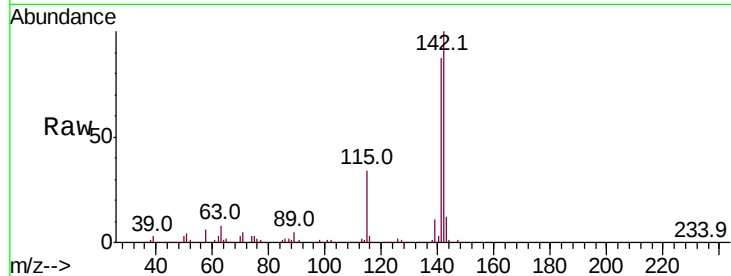
Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:142 Resp: 777688

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.7	107.5
115	33.6	27.9	41.9



#38

1-Methylnaphthalene

Concen: 40.390 ng

RT: 8.75 min Scan# 1133

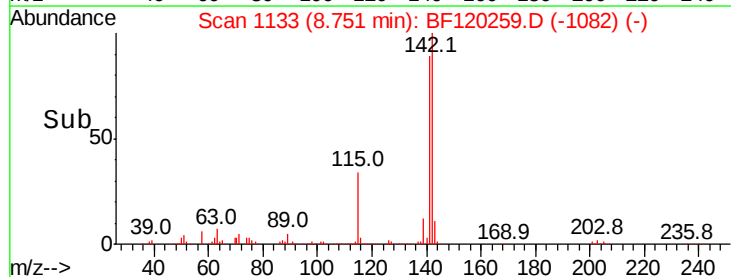
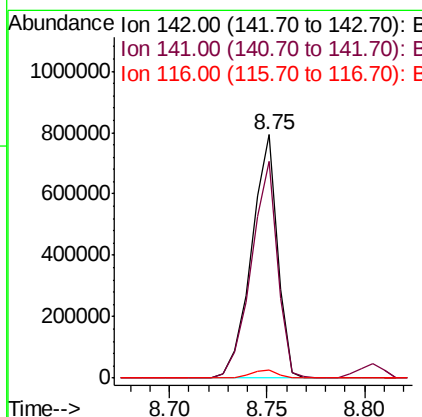
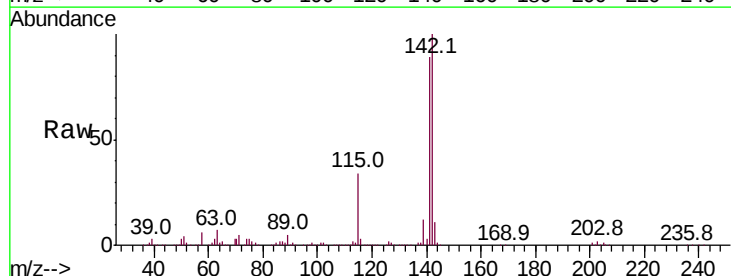
Delta R.T. 0.00 min

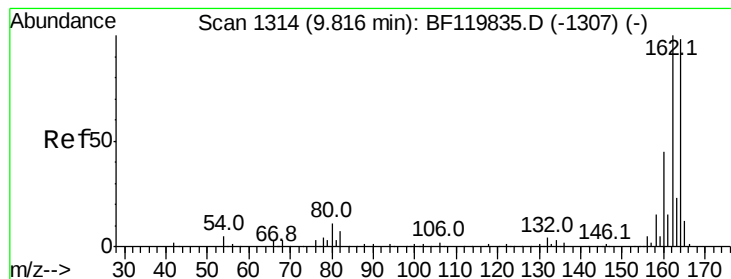
Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:142 Resp: 728677

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.7	110.5
116	3.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

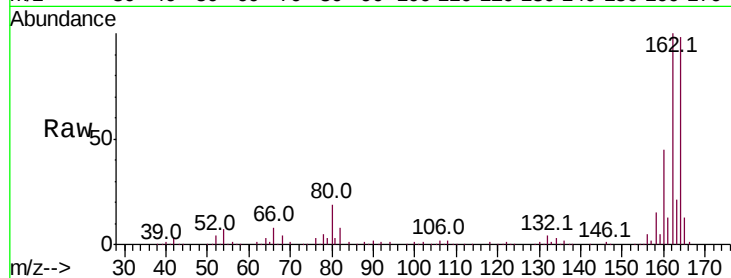
Tot Ion:164 Resp: 278127

Ion Ratio Lower Upper

164 100

162 102.4 80.6 121.0

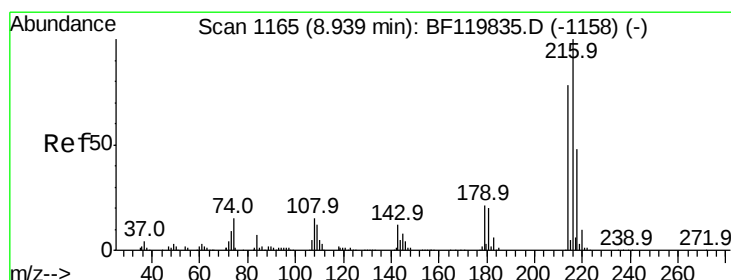
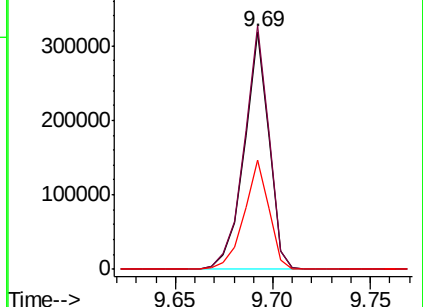
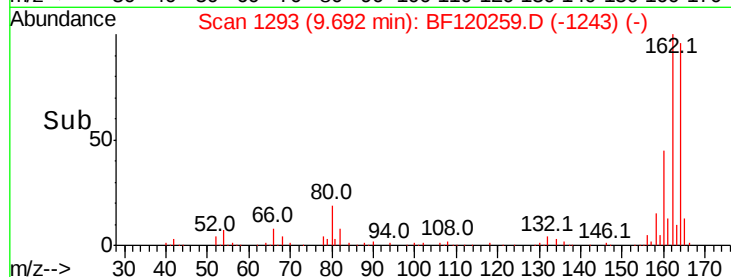
160 45.9 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.264 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:216 Resp: 353693

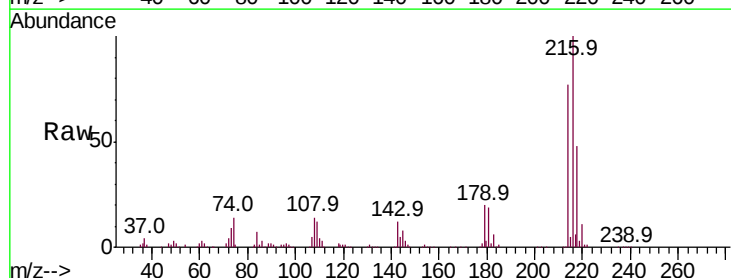
Ion Ratio Lower Upper

216 100

214 78.3 63.2 94.8

179 21.2 17.1 25.7

108 19.2 15.1 22.7

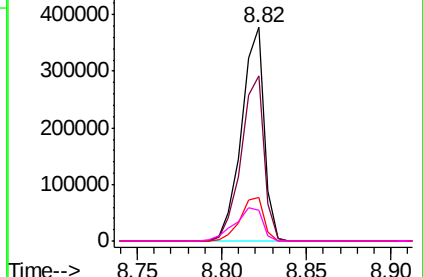
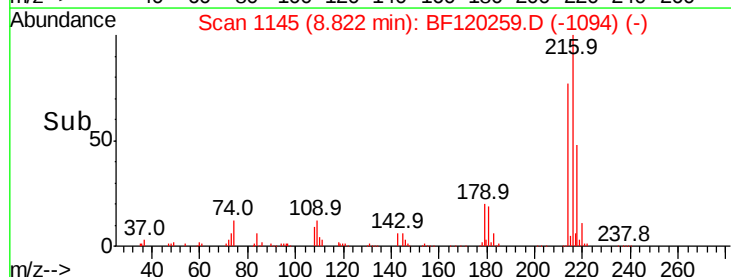


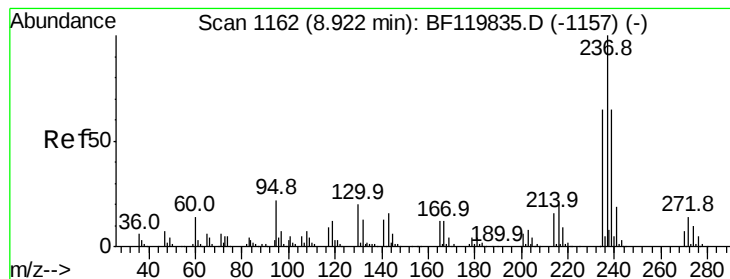
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.812 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

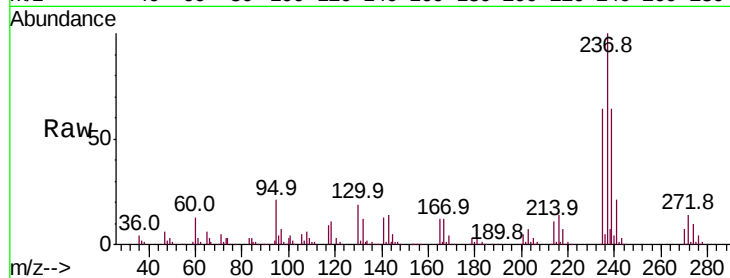
Tot Ion:237 Resp: 328740

Ion Ratio Lower Upper

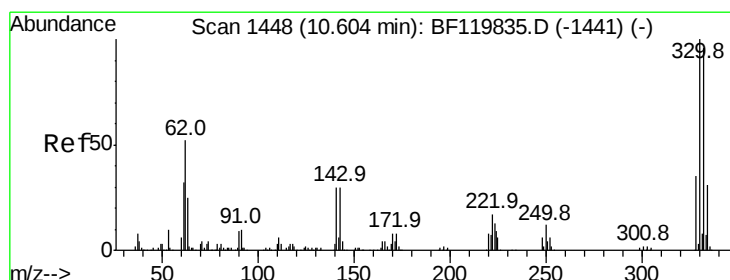
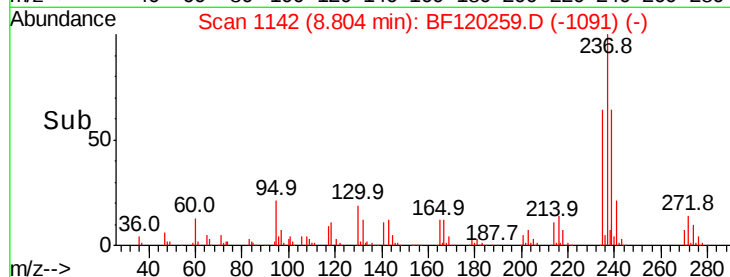
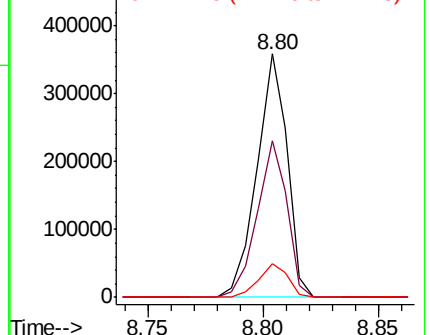
237 100

235 64.5 43.2 83.2

272 13.8 0.0 34.1



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



#42

2,4,6-Tribromophenol

Concen: 106.367 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

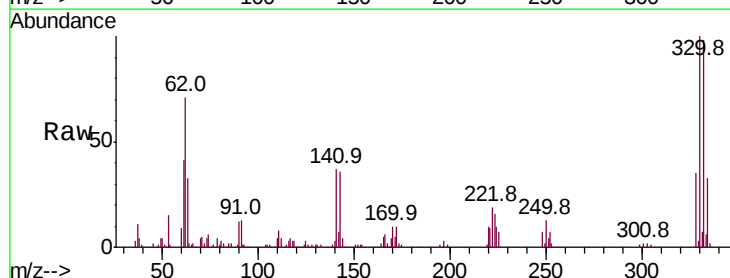
Tgt Ion:330 Resp: 362204

Ion Ratio Lower Upper

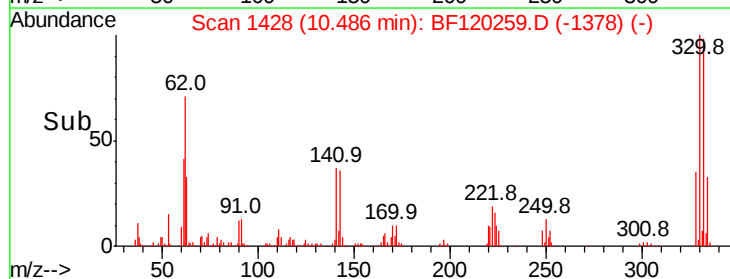
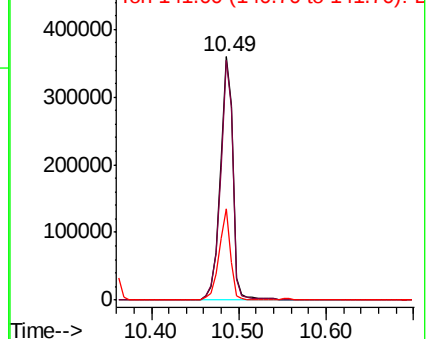
330 100

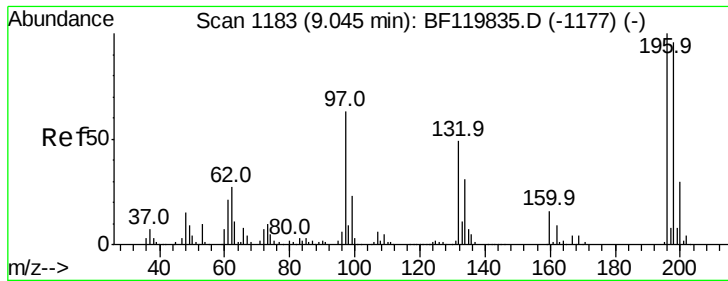
332 96.1 75.7 113.5

141 33.8 25.4 38.0



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

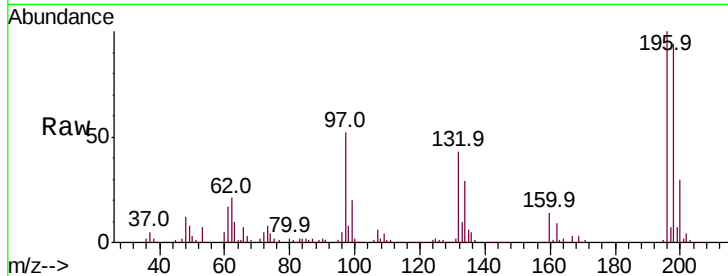




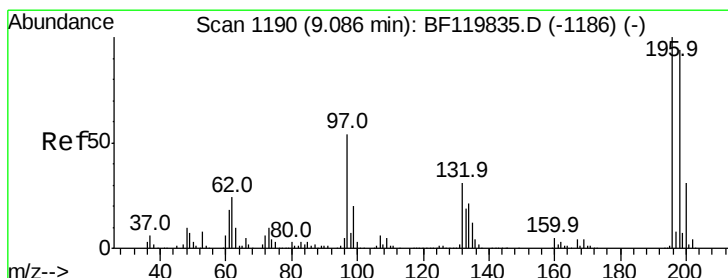
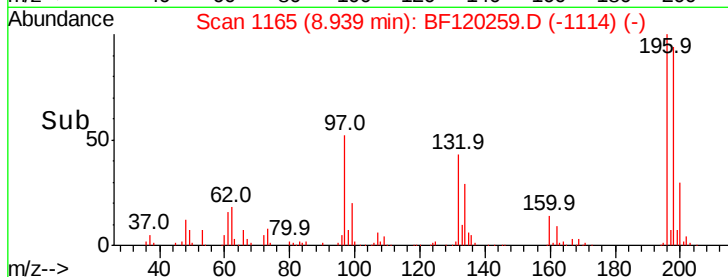
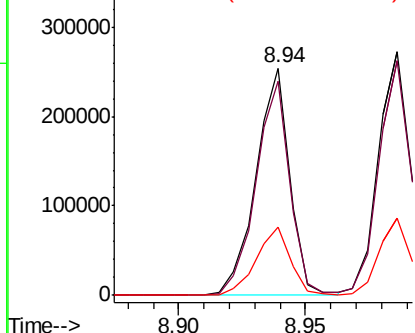
#43
 2,4,6-Trichlorophenol
 Concen: 39.166 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:196 Resp: 237581
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.6 115.0
 200 30.0 24.6 36.8

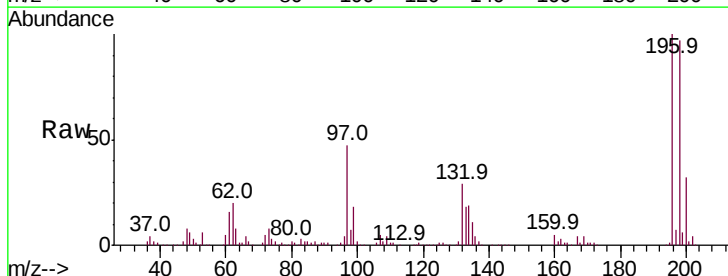


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

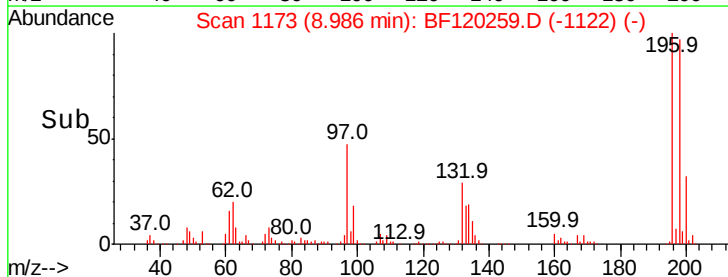
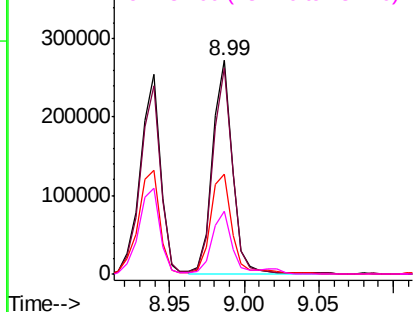


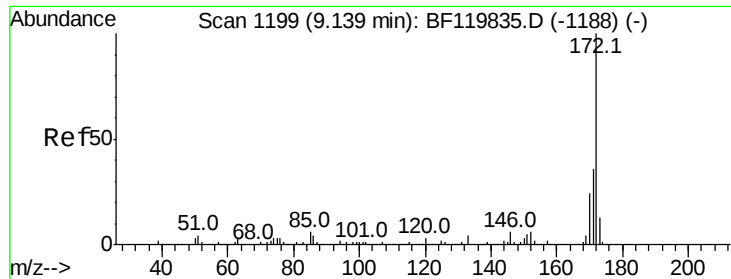
#44
 2,4,5-Trichlorophenol
 Concen: 36.672 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:196 Resp: 250549
 Ion Ratio Lower Upper
 196 100
 198 96.6 73.8 110.8
 97 46.6 42.6 63.8
 132 29.4 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

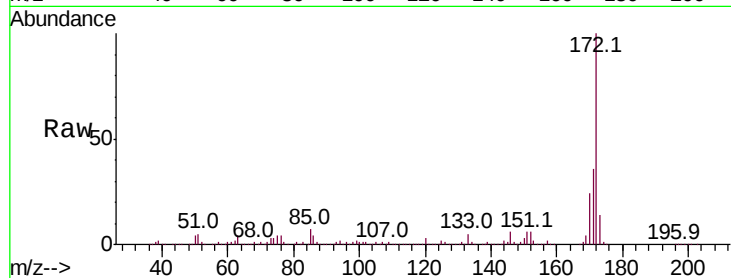




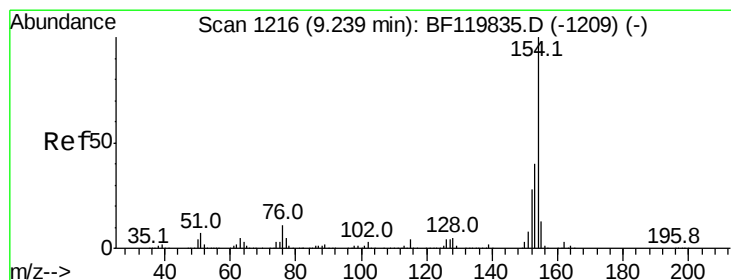
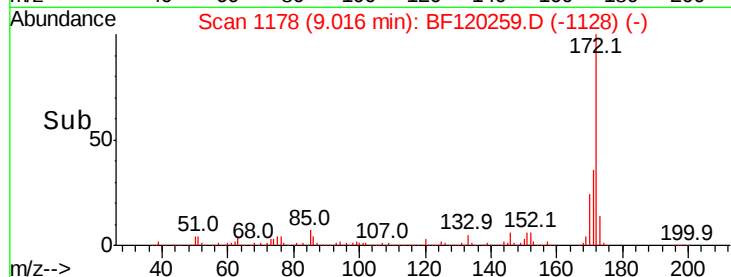
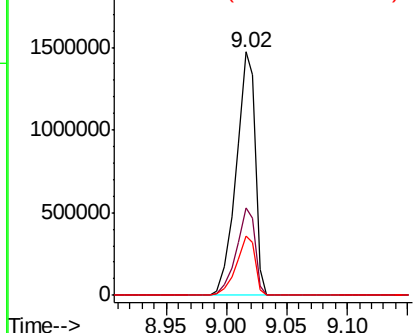
#45
2-Fluorobiphenyl
Concen: 82.341 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:172 Resp: 1613008
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.2 20.2 30.2

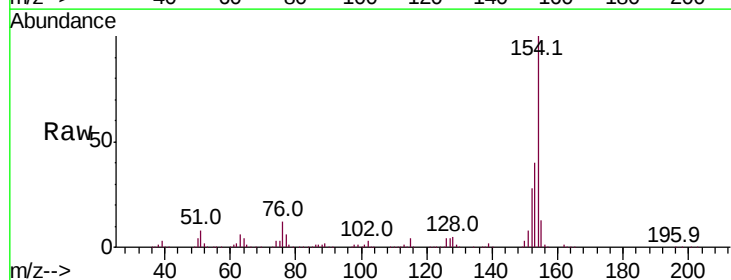


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

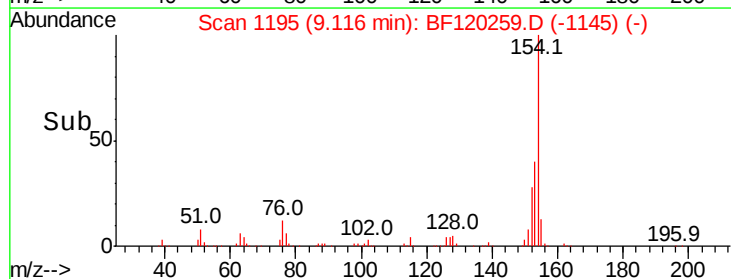
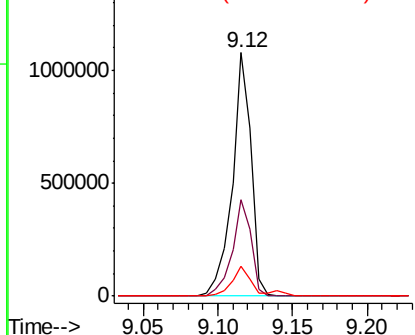


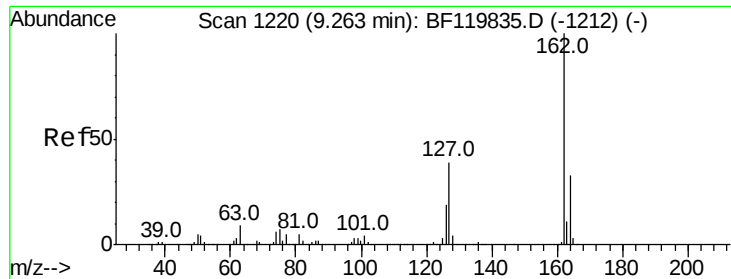
#46
1,1'-Biphenyl
Concen: 40.799 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:154 Resp: 957772
Ion Ratio Lower Upper
154 100
153 39.8 21.4 61.4
76 12.3 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

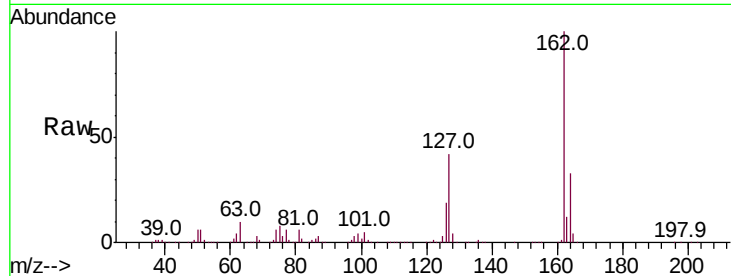




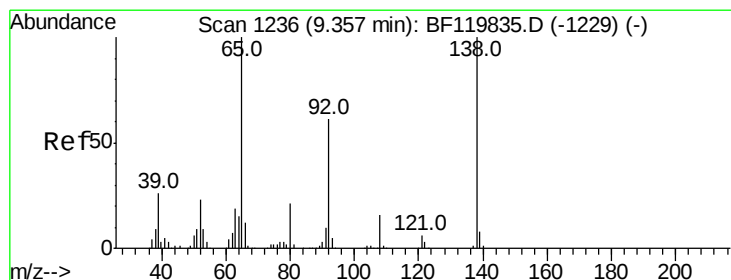
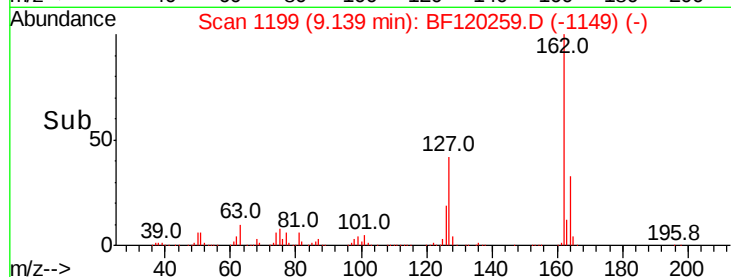
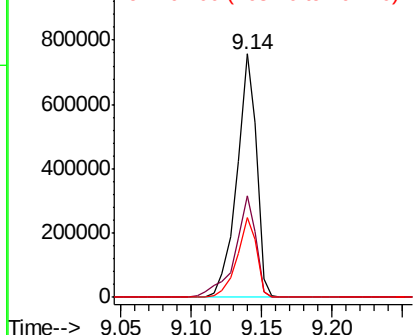
#47
2-Chloronaphthalene
Concen: 40.147 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:162 Resp: 726033
Ion Ratio Lower Upper
162 100
127 41.8 33.7 50.5
164 32.9 26.3 39.5

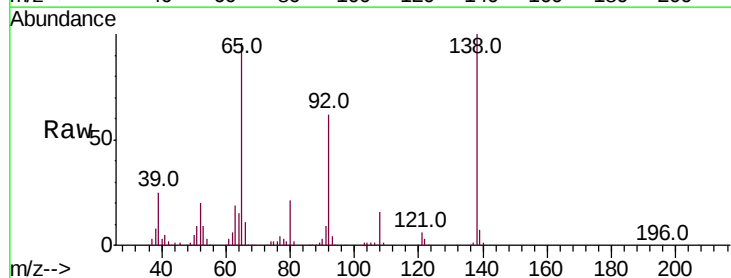


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

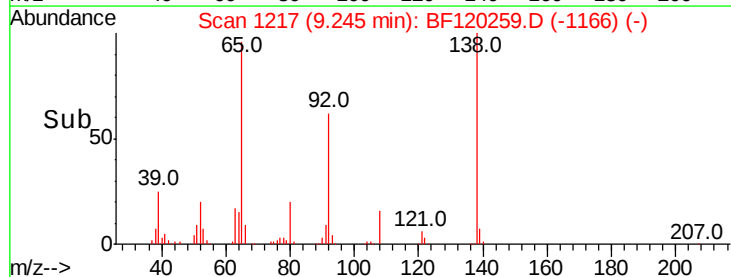
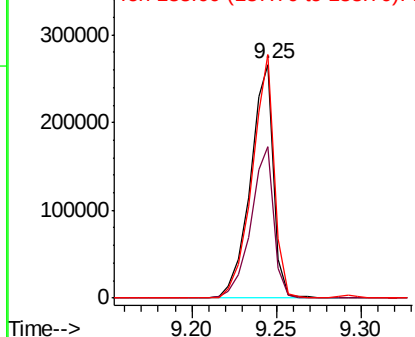


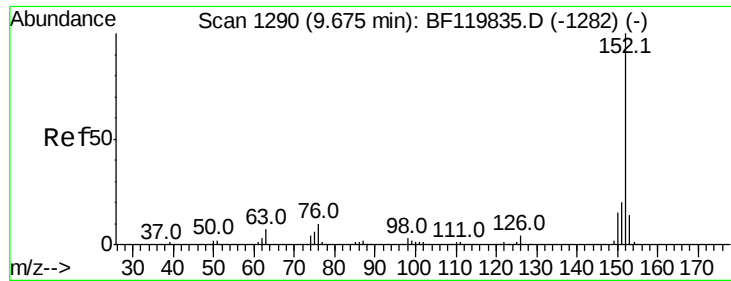
#48
2-Nitroaniline
Concen: 39.110 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion: 65 Resp: 256309
Ion Ratio Lower Upper
65 100
92 64.9 50.0 75.0
138 104.1 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: 42.237 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

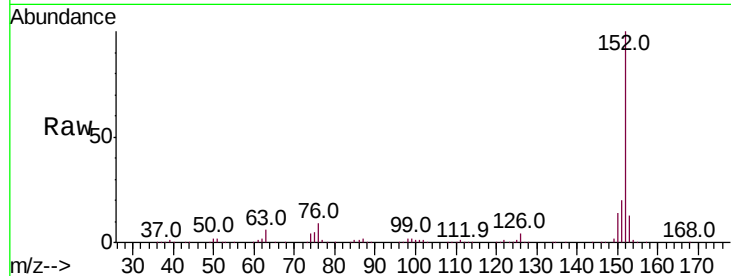
Tot Ion:152 Resp: 1161623

Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

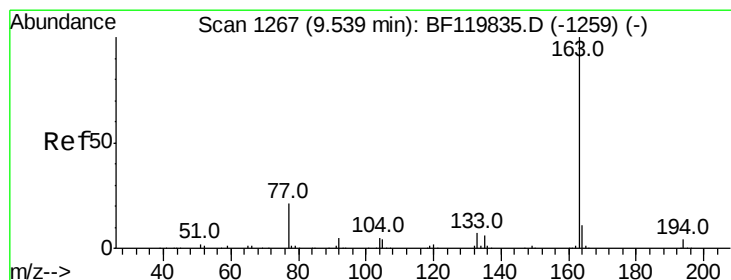
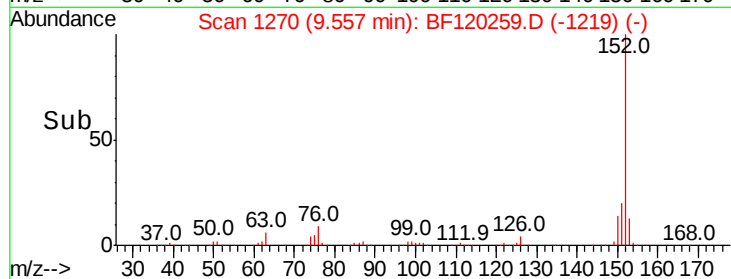
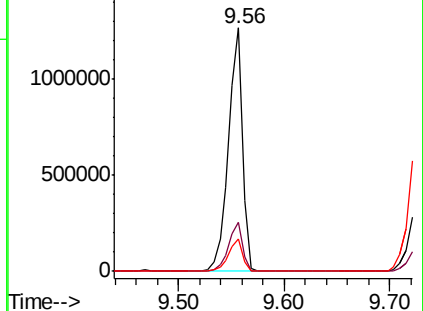
153 13.1 11.2 16.8



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: 40.716 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

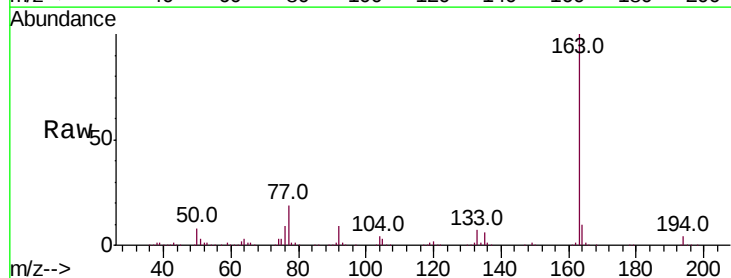
Tgt Ion:163 Resp: 875915

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

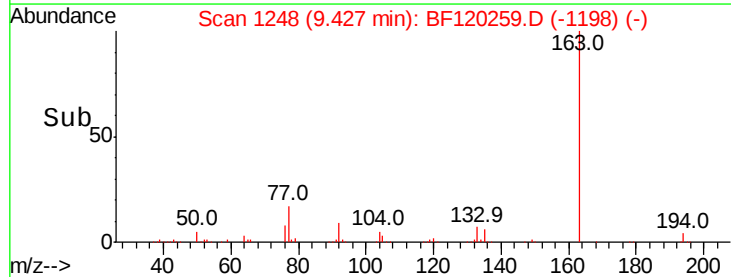
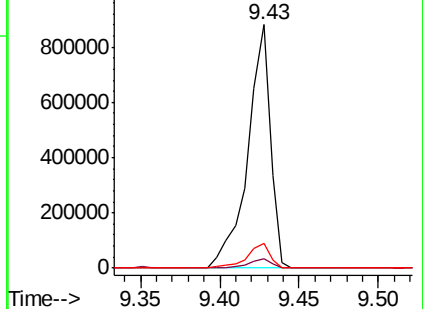
164 10.0 8.2 12.2

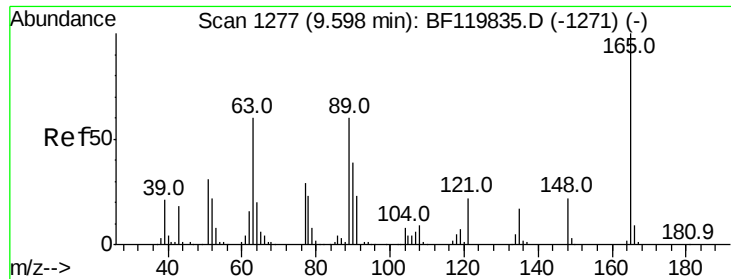


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

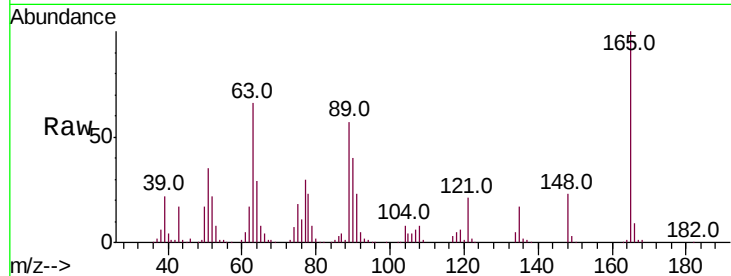




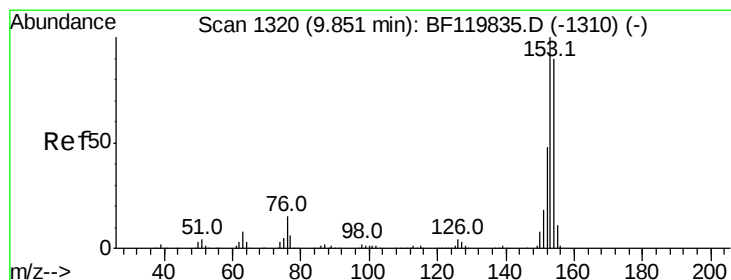
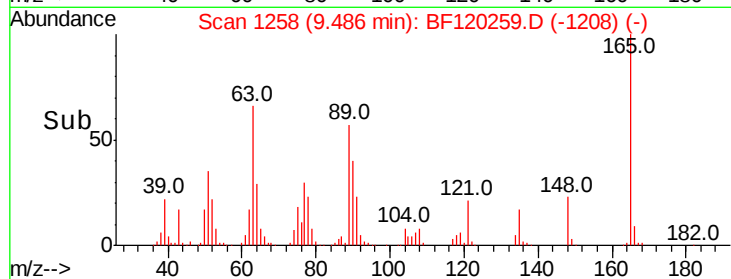
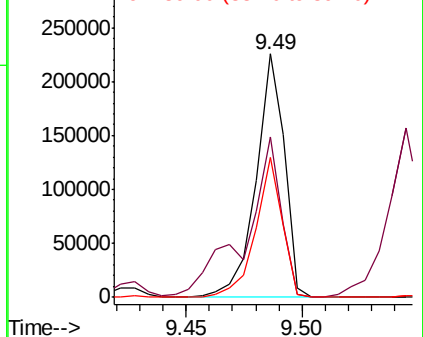
#51
 2,6-Dinitrotoluene
 Concen: 41.043 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:165 Resp: 193350
 Ion Ratio Lower Upper
 165 100
 63 65.8 45.0 67.4
 89 57.4 41.5 62.3

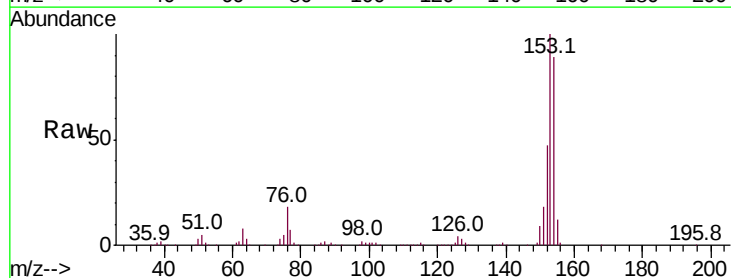


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

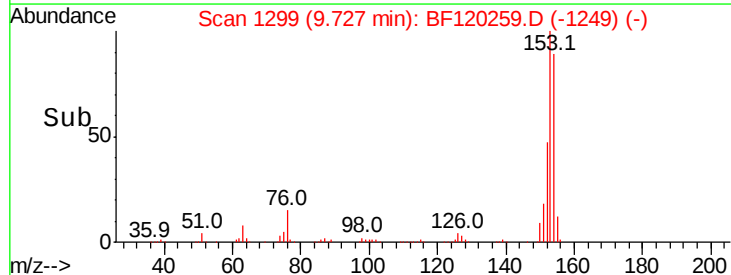
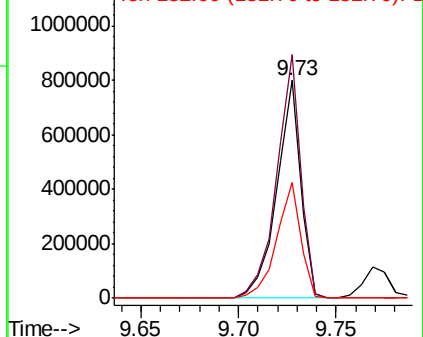


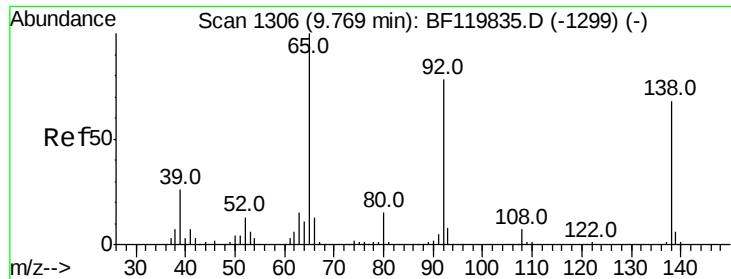
#52
 Acenaphthene
 Concen: 37.034 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:154 Resp: 679435
 Ion Ratio Lower Upper
 154 100
 153 111.8 88.1 132.1
 152 53.1 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: 19.674 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

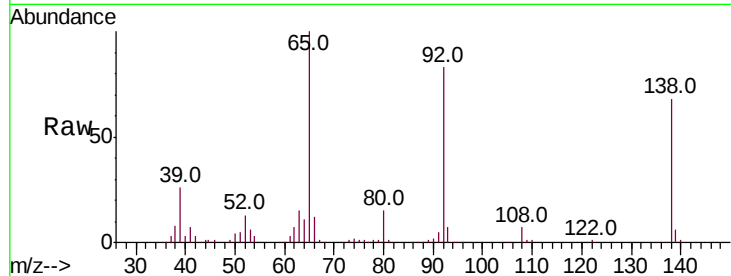
Tot Ion:138 Resp: 105854

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

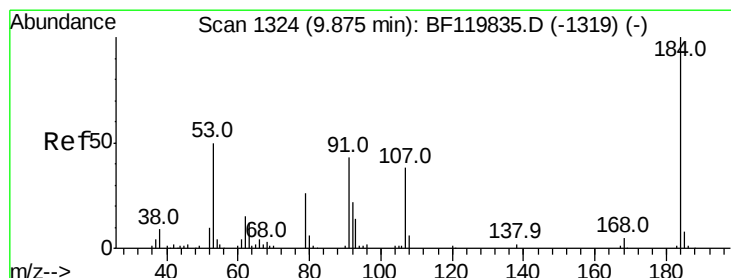
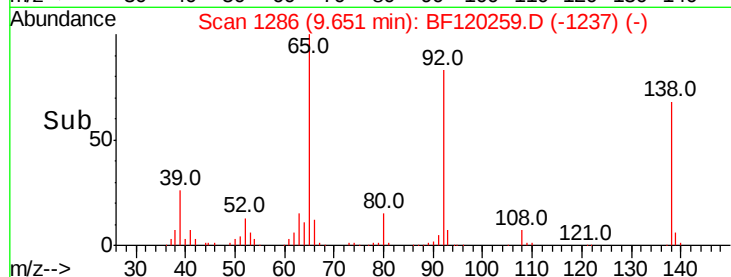
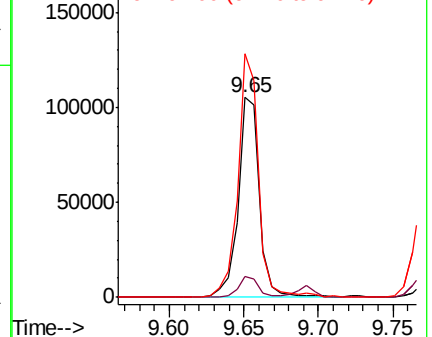
92 121.7 95.4 143.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 71.014 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

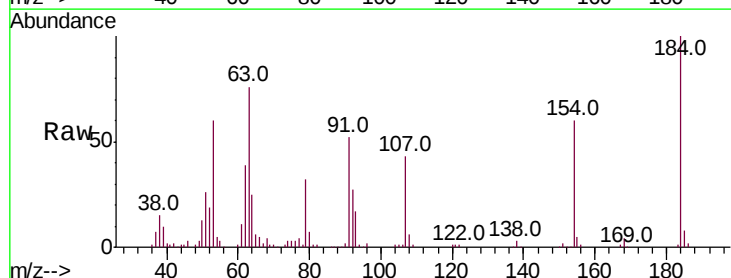
Tgt Ion:184 Resp: 200290

Ion Ratio Lower Upper

184 100

63 75.6 50.2 75.4#

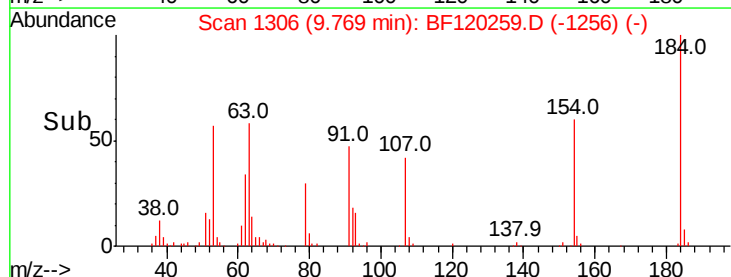
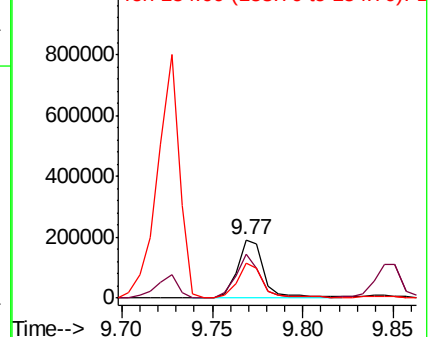
154 59.7 44.5 66.7

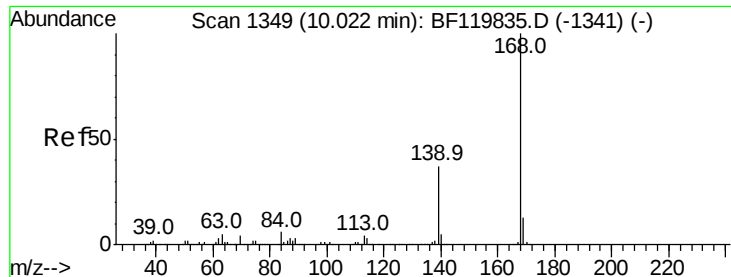


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

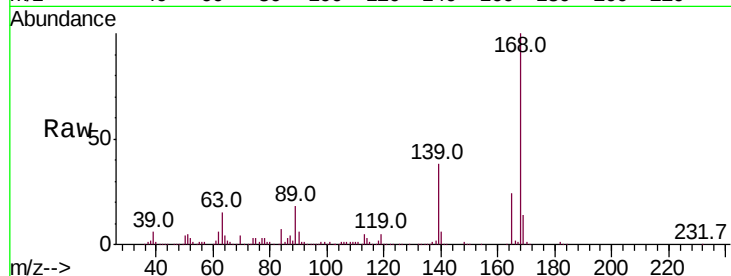




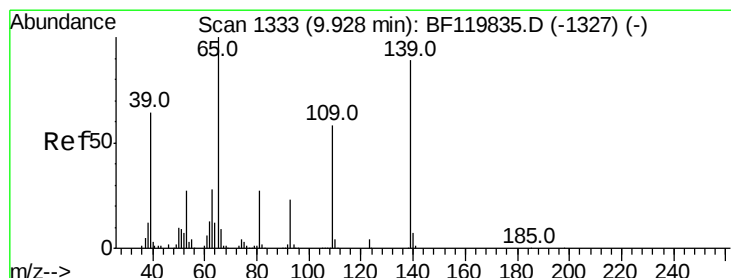
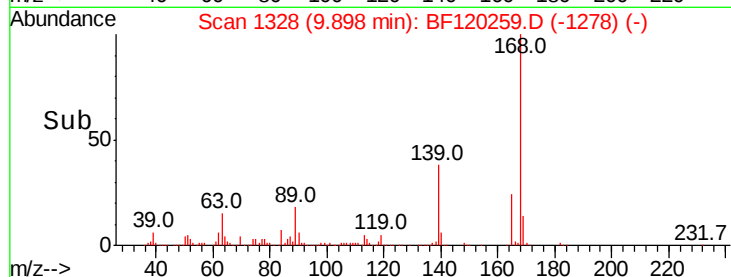
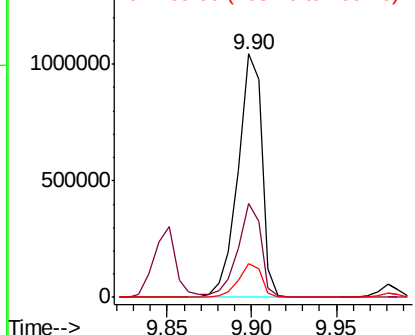
#55
Dibenzofuran
Concen: 41.070 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampled :
PB128596BS

Tot Ion:168 Resp: 1033953
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.9 11.0 16.6

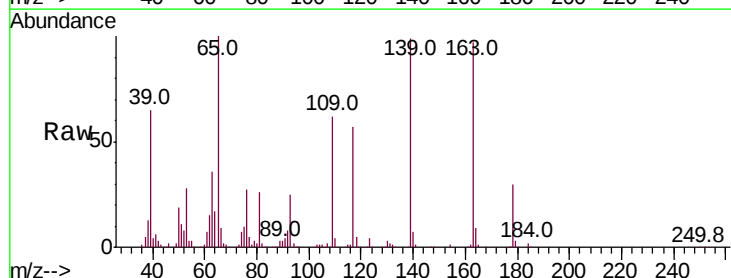


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

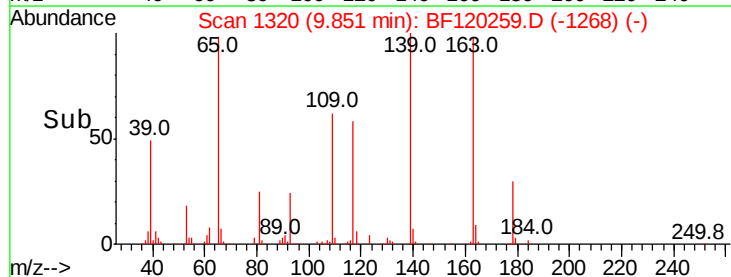
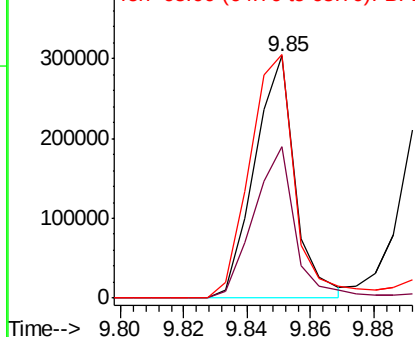


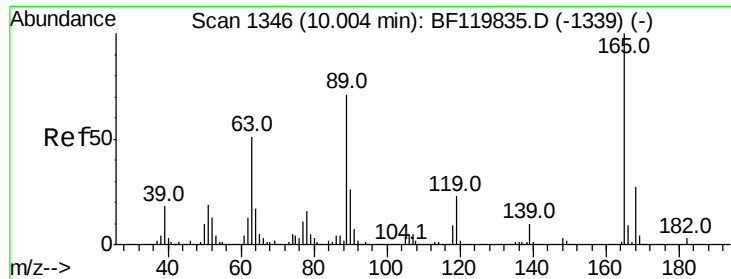
#56
4-Nitrophenol
Concen: 67.289 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:139 Resp: 269374
Ion Ratio Lower Upper
139 100
109 62.6 43.3 83.3
65 100.5 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

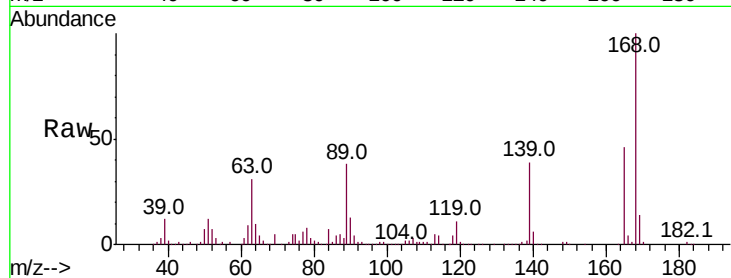




#57
 2,4-Dinitrotoluene
 Concen: 40.865 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.8	42.6	64.0#
89	83.6	61.0	91.4
182	2.4	2.2	3.2



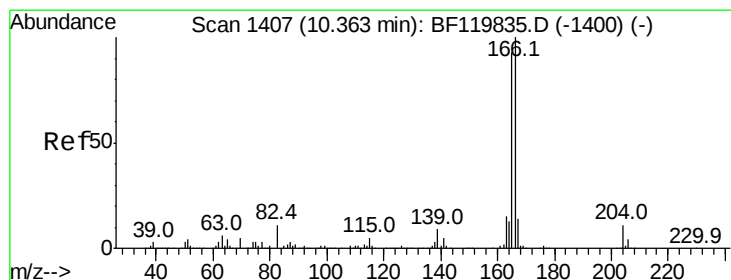
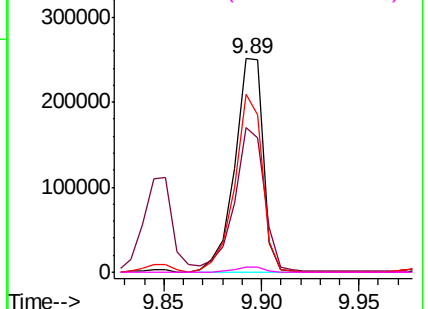
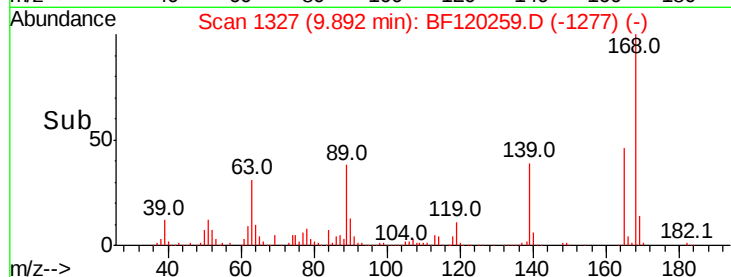
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

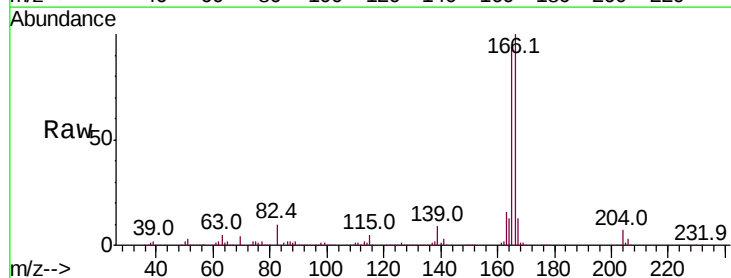
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.002 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.4	113.2
167	13.4	11.2	16.8

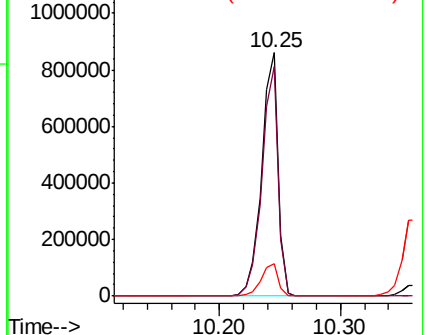
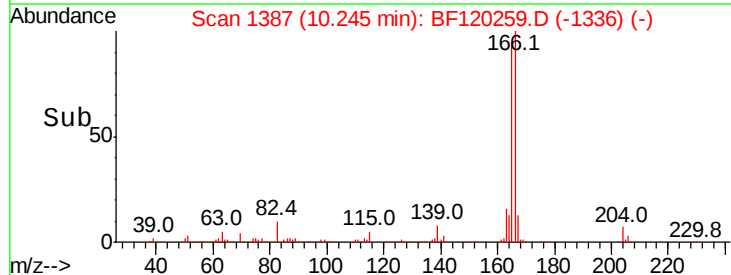


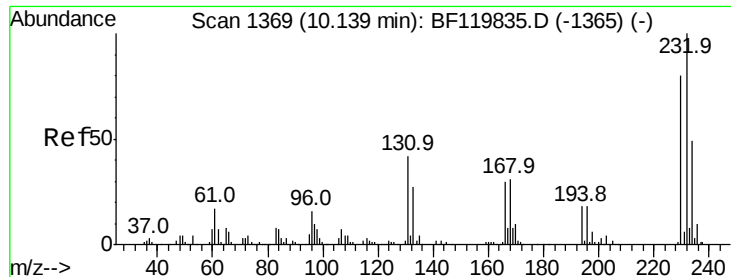
Abundance

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

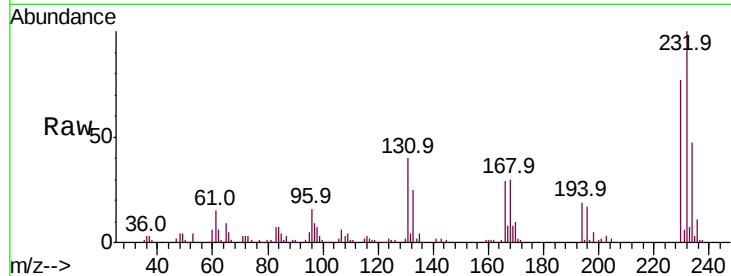




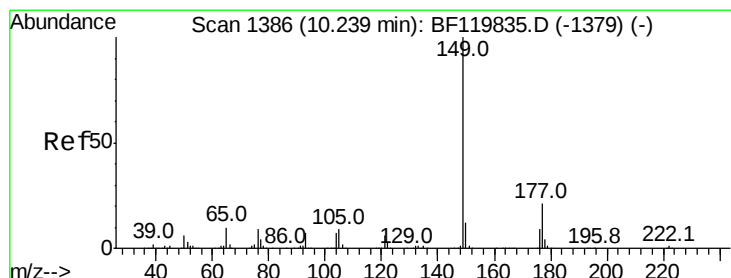
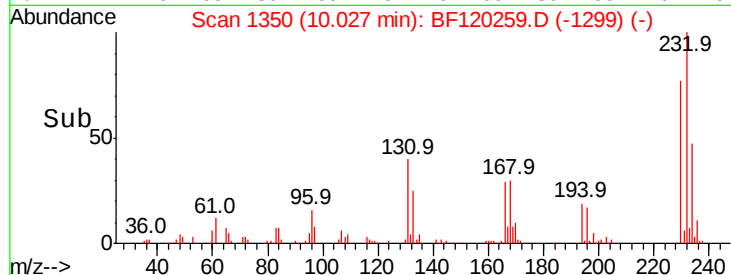
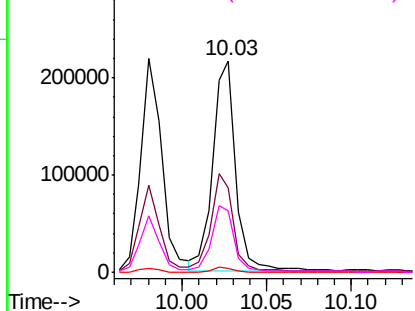
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.797 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:	232	Resp:	207953
Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.5	56.3
130	2.3	1.8	2.6
166	32.4	24.6	36.8

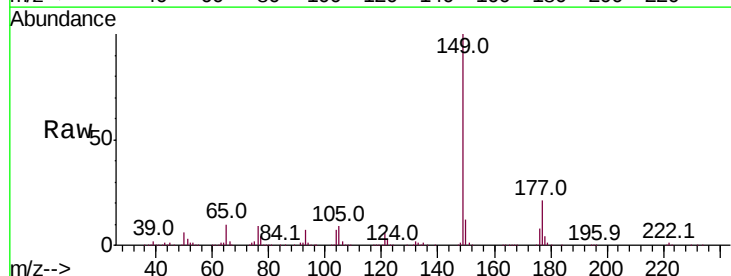


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

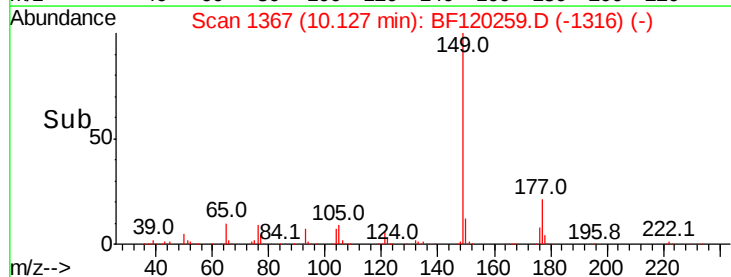
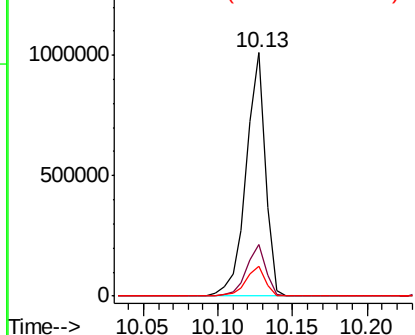


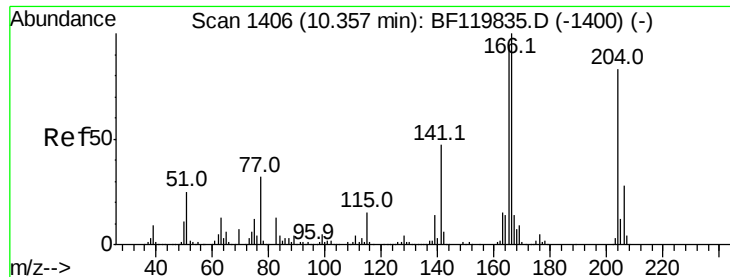
#60
 Diethylphthalate
 Concen: 40.276 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:	149	Resp:	898020
Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.0	25.6
150	12.4	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

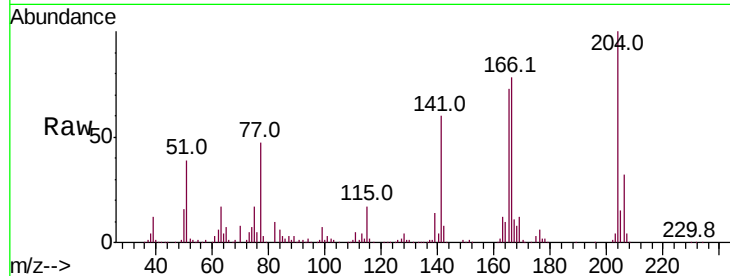




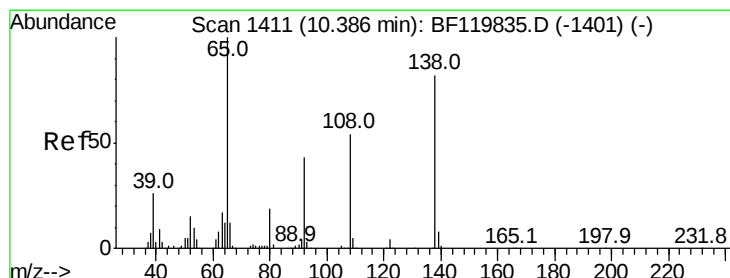
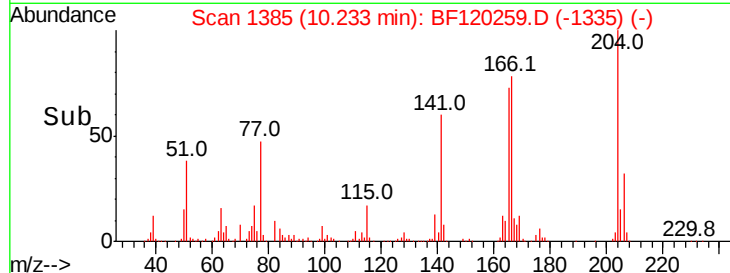
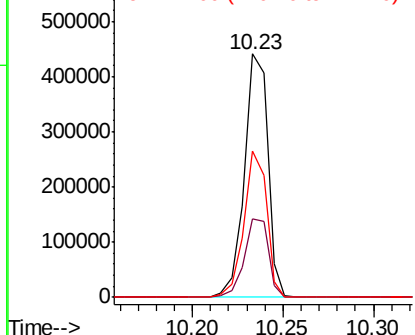
#61
 4-Chlorophenyl-phenylether
 Concen: 38.408 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:	204	Resp:	396353
Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.7	40.1
141	59.9	47.3	70.9

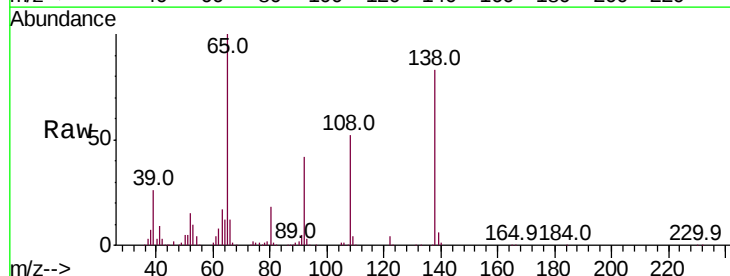


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

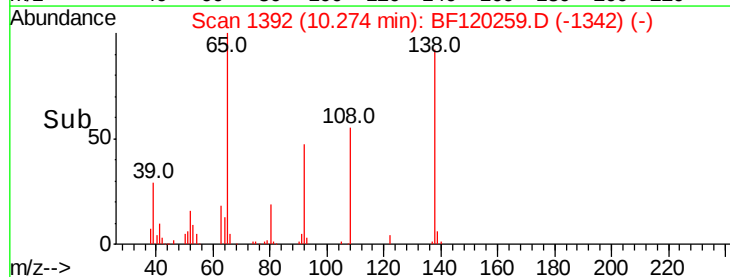
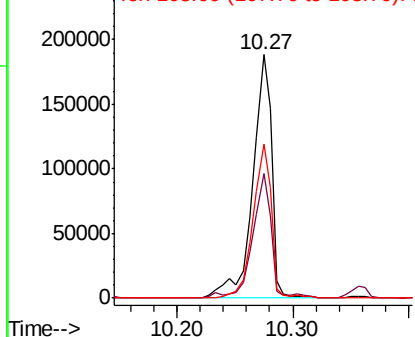


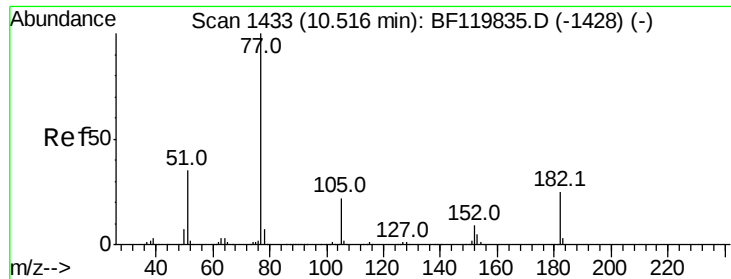
#62
 4-Nitroaniline
 Concen: 42.023 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:	138	Resp:	215473
Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.5	71.5
108	63.5	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: 41.882 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampled :

PB128596BS

Tot Ion: 77 Resp: 836873

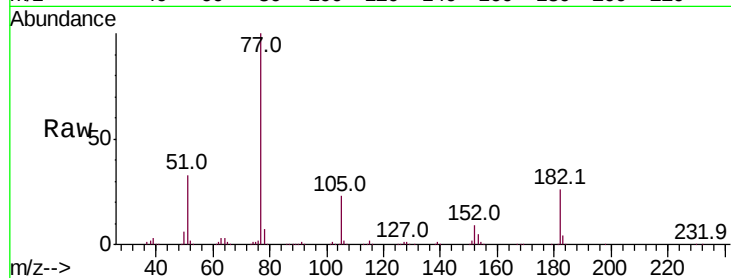
Ion Ratio Lower Upper

77 100

182 25.8 4.4 44.4

105 22.5 2.6 42.6

51 32.6 15.1 55.1

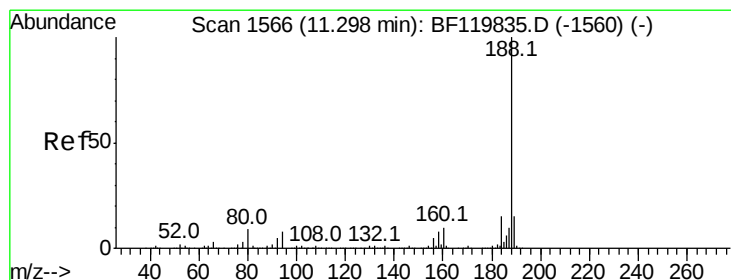
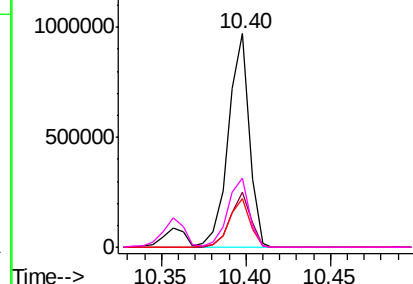
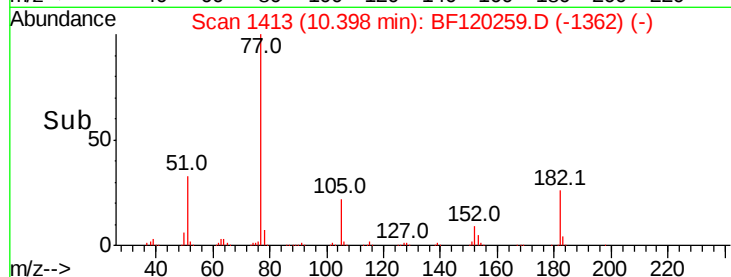


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

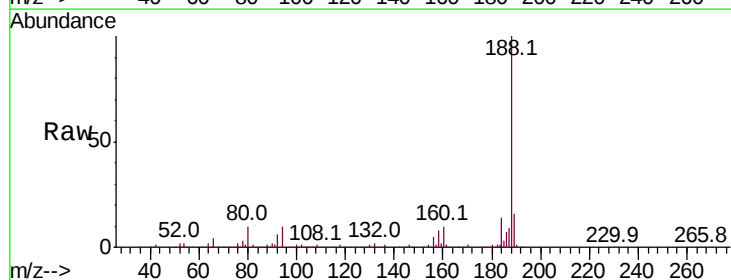
Tgt Ion: 188 Resp: 552579

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

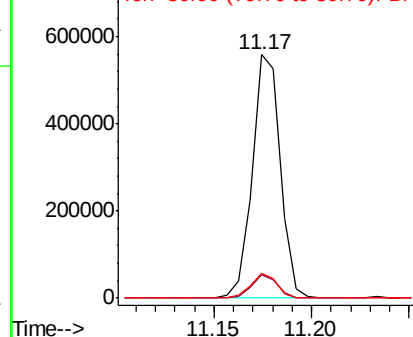
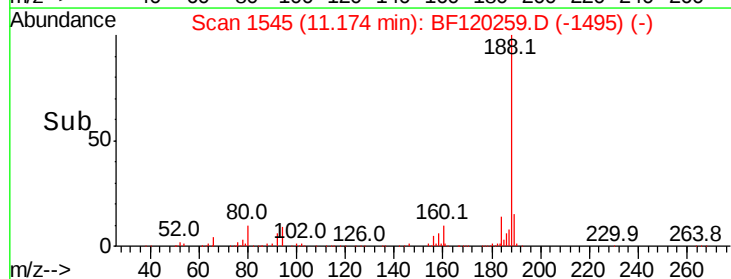
80 10.2 9.0 13.4

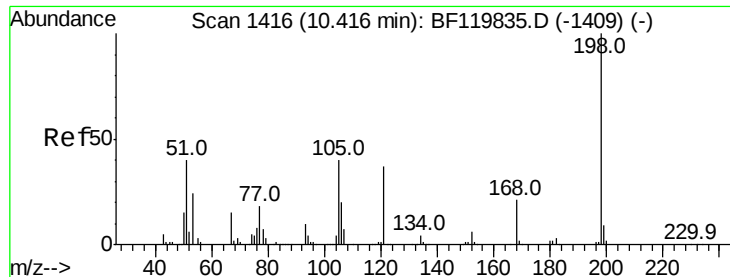


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 39.190 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

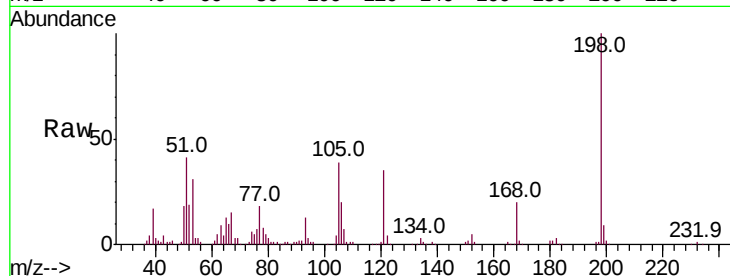
Tot Ion:198 Resp: 142670

Ion	Ratio	Lower	Upper
198	100		
51	40.7	29.0	69.0
105	39.0	22.2	62.2

198 100

51 40.7 29.0 69.0

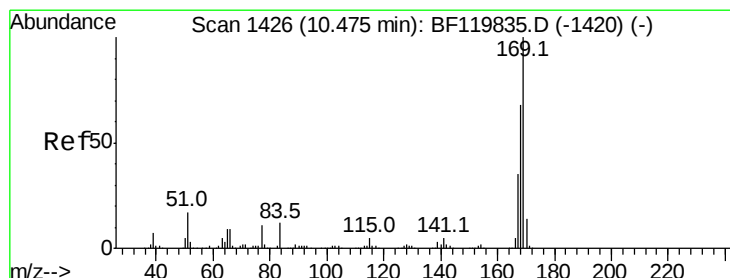
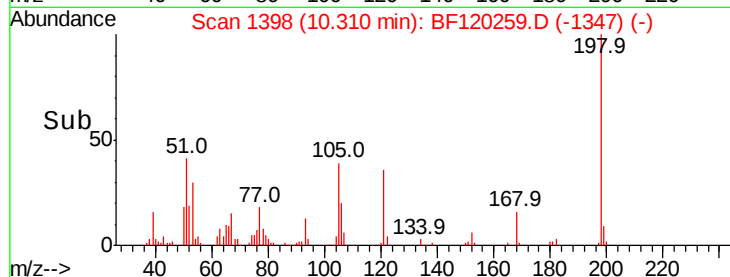
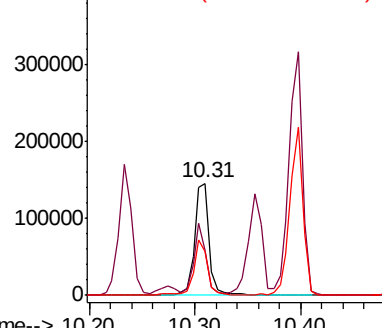
105 39.0 22.2 62.2



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: 40.560 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

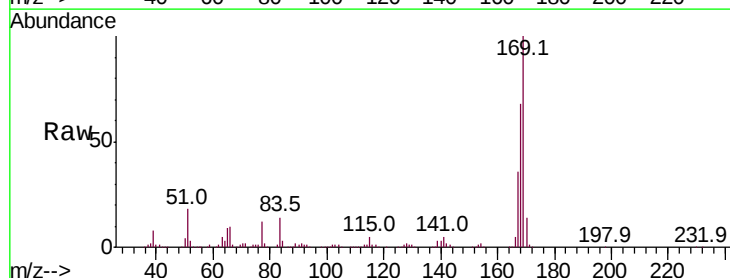
Tgt Ion:169 Resp: 745381

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.2	79.8
167	36.2	29.1	43.7

169 100

168 67.5 53.2 79.8

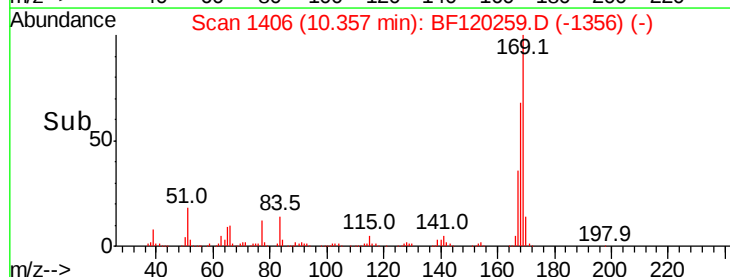
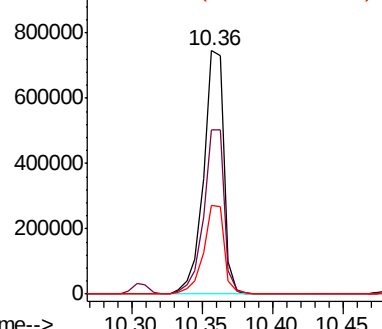
167 36.2 29.1 43.7

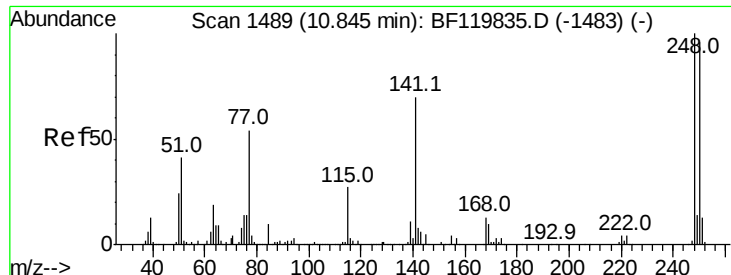


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

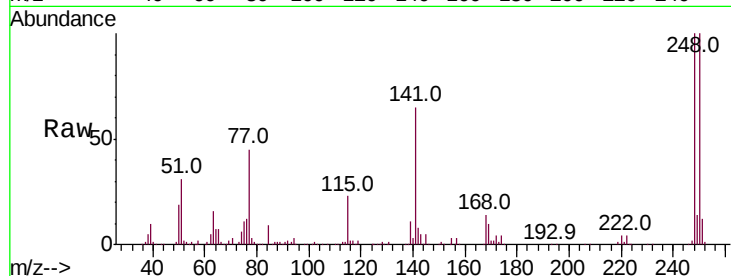




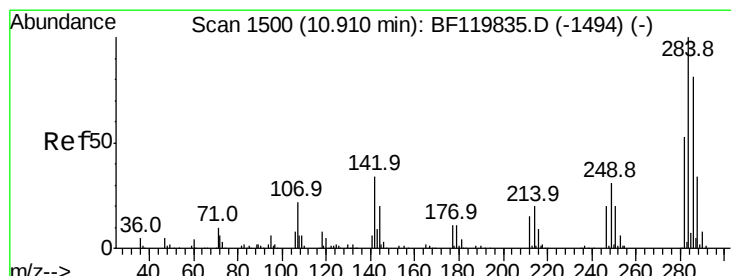
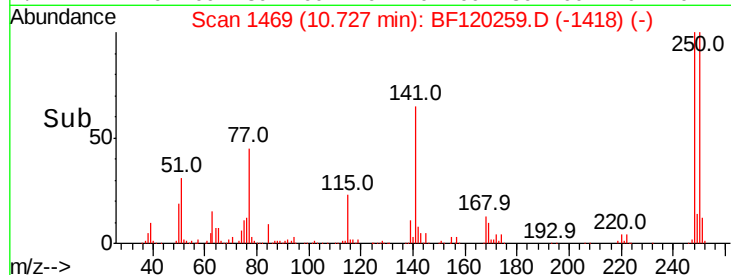
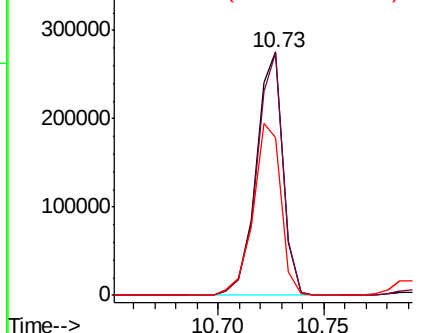
#67
 4-Bromophenyl-phenylether
 Concen: 35.532 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BS

Tot Ion:248 Resp: 244173
 Ion Ratio Lower Upper
 248 100
 250 99.5 77.3 115.9
 141 65.0 58.6 87.8

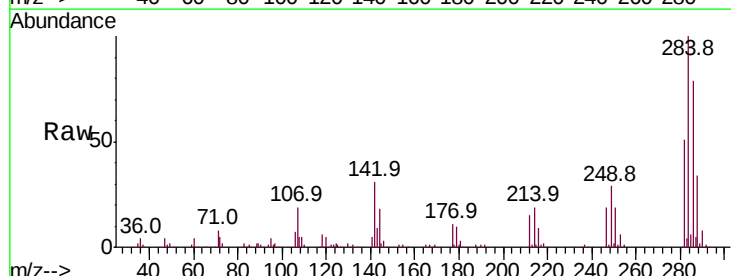


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

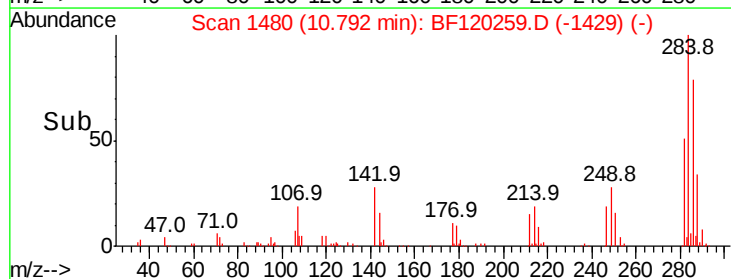
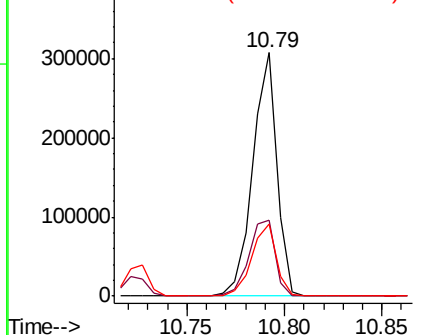


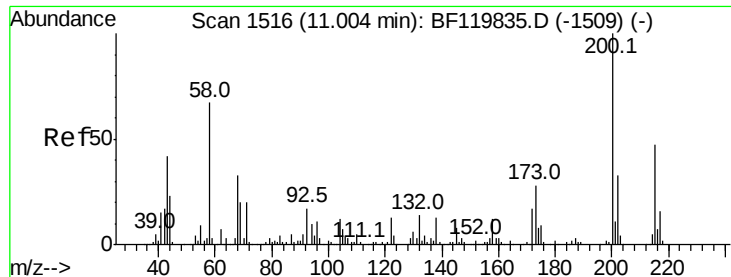
#68
 Hexachlorobenzene
 Concen: 37.855 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF120259.D
 Acq: 1 May 2020 15:39

Tgt Ion:284 Resp: 263899
 Ion Ratio Lower Upper
 284 100
 142 31.3 29.2 43.8
 249 29.4 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

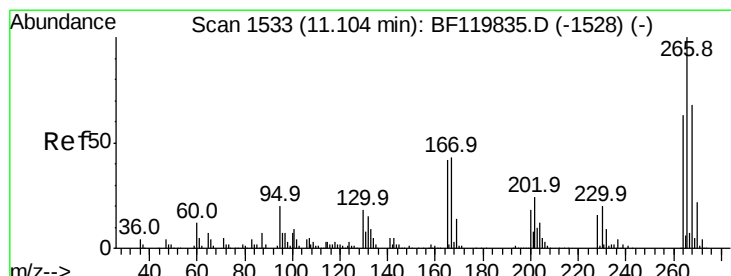
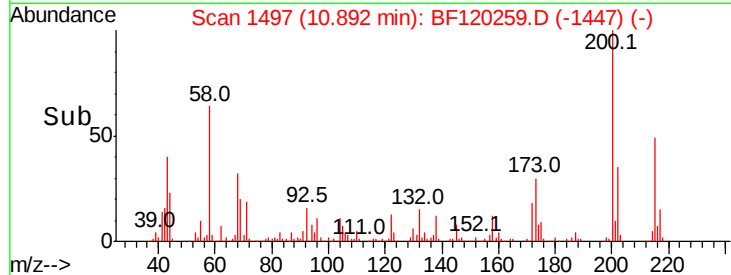
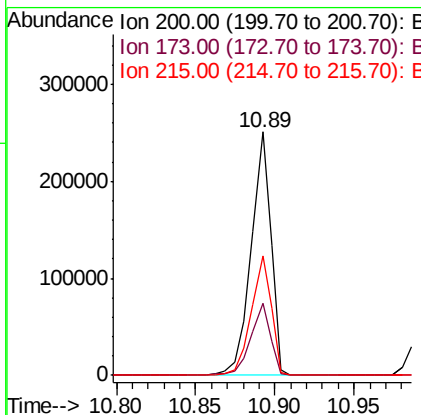
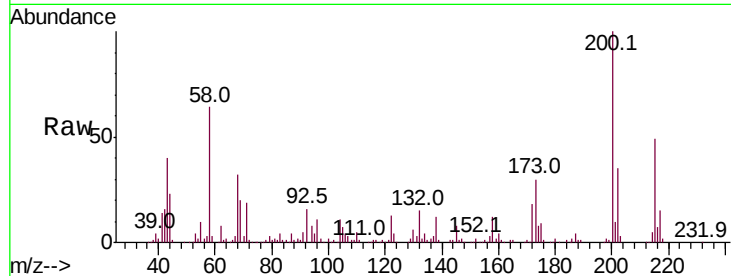




#69
Atrazine
Concen: 42.677 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

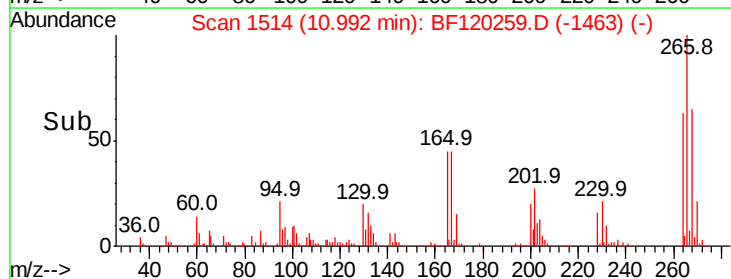
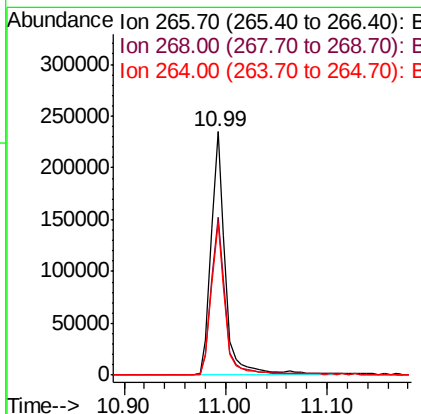
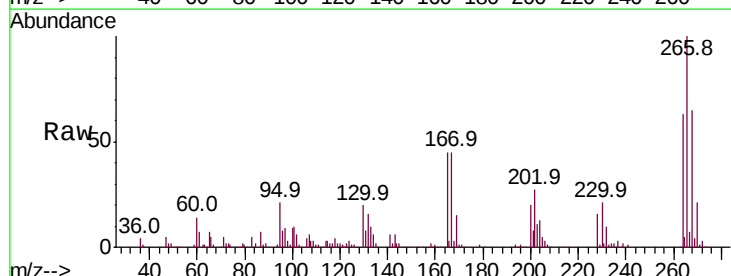
Instrument :
BNA_F
ClientSampleId :
PB128596BS

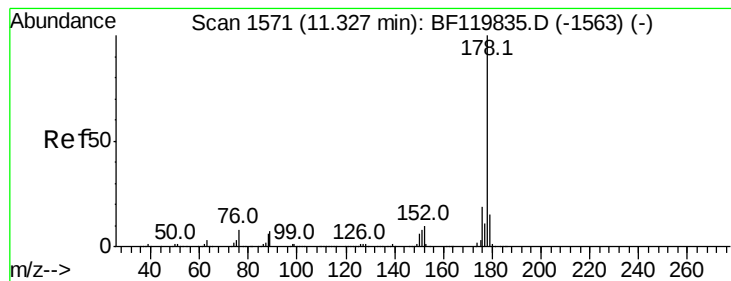
Tot Ion:200 Resp: 218213
Ion Ratio Lower Upper
200 100
173 29.6 9.3 49.3
215 49.1 29.5 69.5



#70
Pentachlorophenol
Concen: 57.858 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:266 Resp: 232438
Ion Ratio Lower Upper
266 100
268 65.0 53.3 79.9
264 62.7 49.0 73.4





#71

Phenanthrene

Concen: 40.490 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

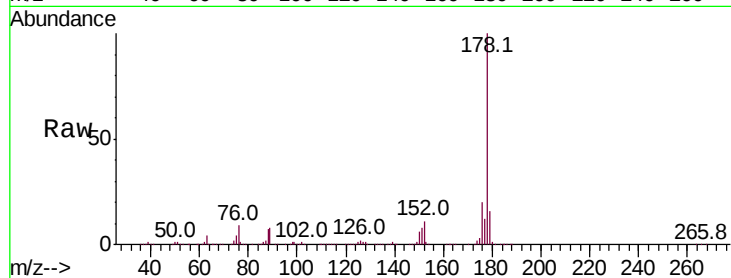
Tot Ion:178 Resp: 1190766

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

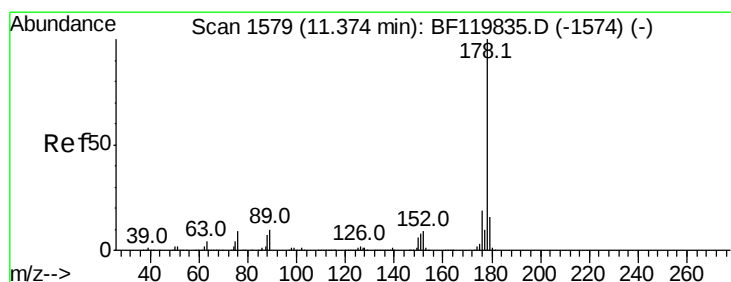
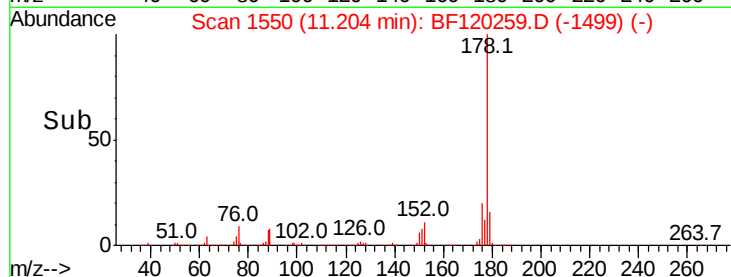
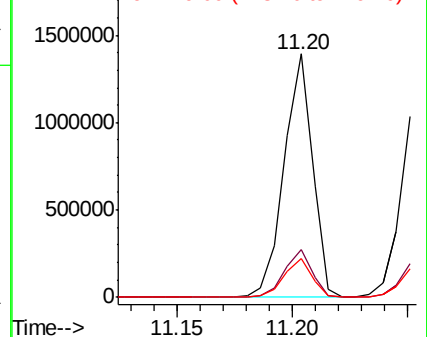
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.447 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

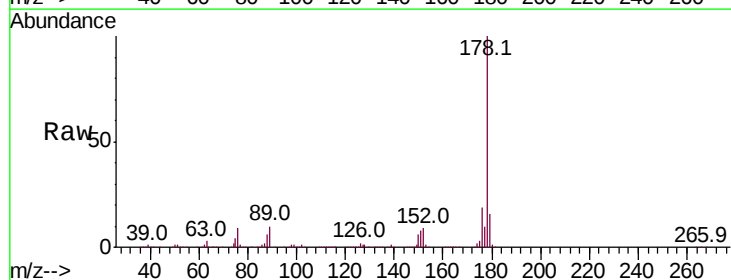
Tgt Ion:178 Resp: 1245186

Ion Ratio Lower Upper

178 100

176 18.6 16.1 24.1

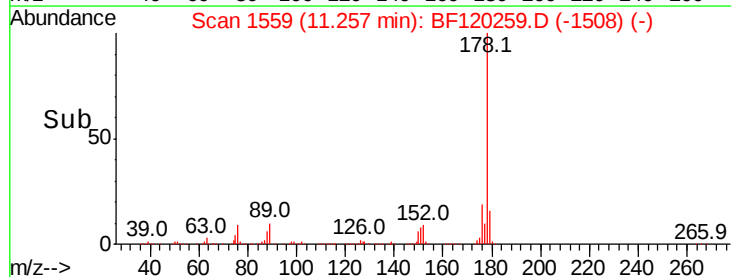
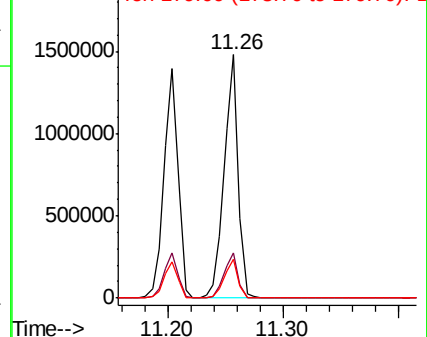
179 15.8 13.0 19.4

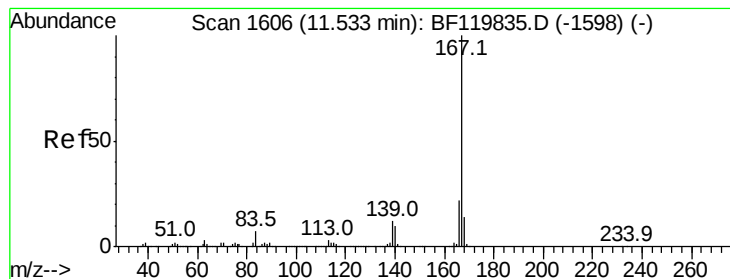


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.070 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

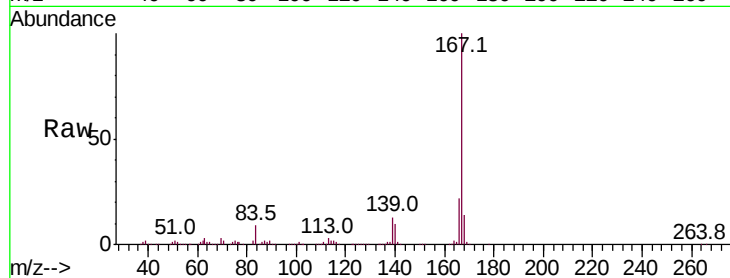
Tot Ion:167 Resp: 1138413

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

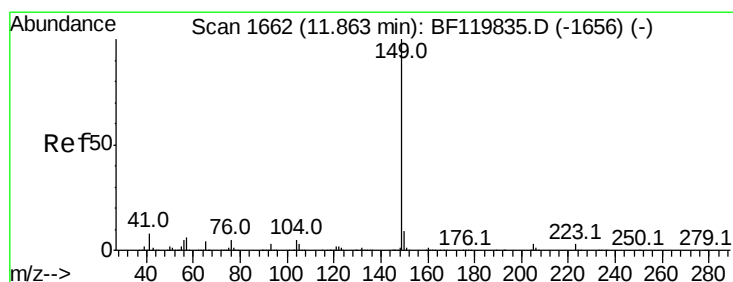
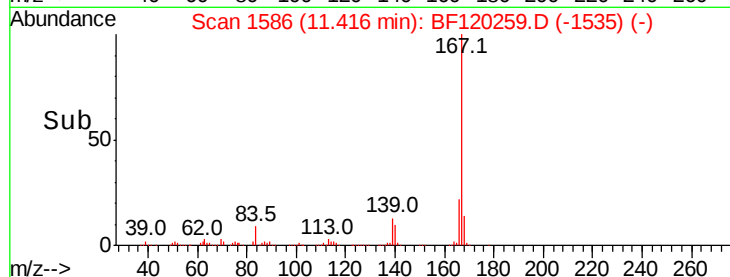
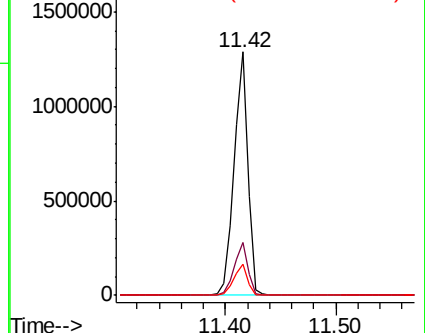
139 13.0 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.663 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

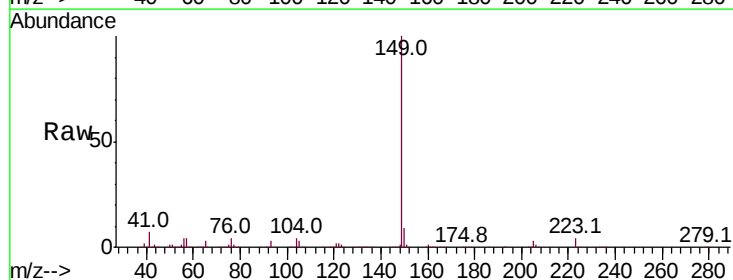
Tgt Ion:149 Resp: 1481358

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

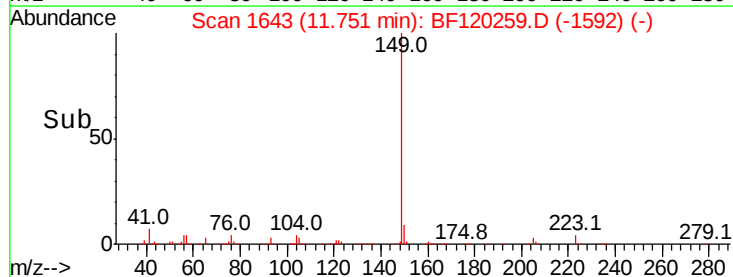
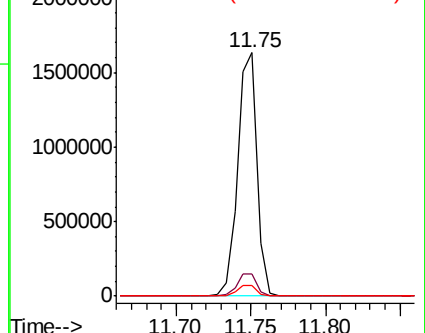
104 4.4 3.6 5.4

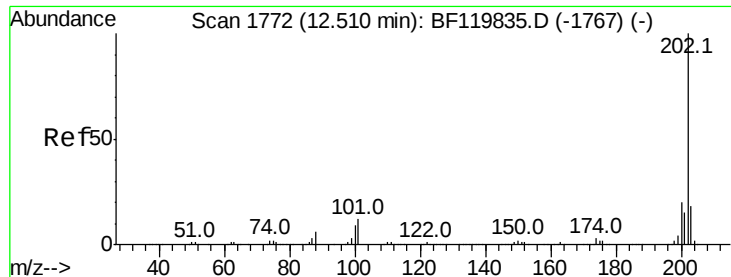


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.032 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

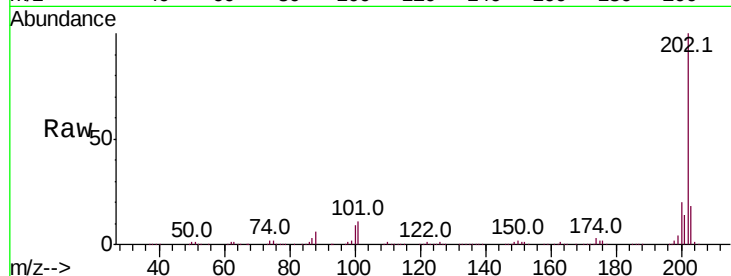
Tot Ion:202 Resp: 1333737

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.2

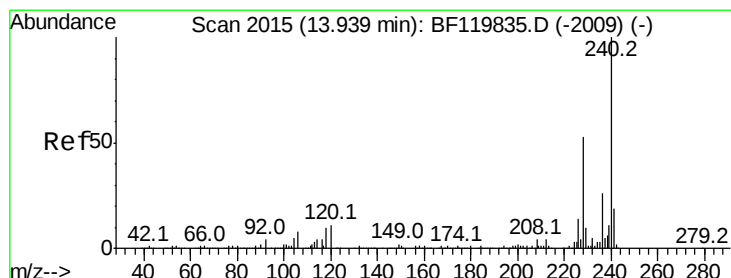
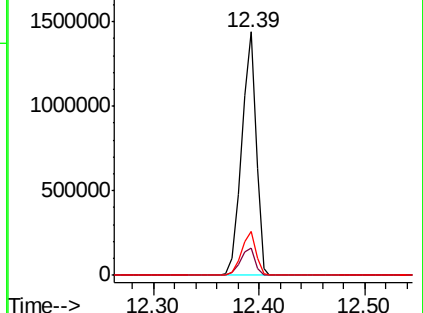
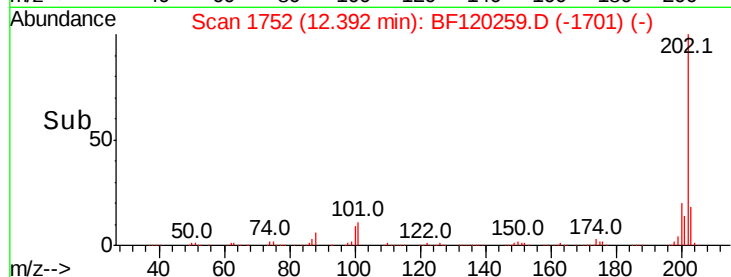
203 17.9 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

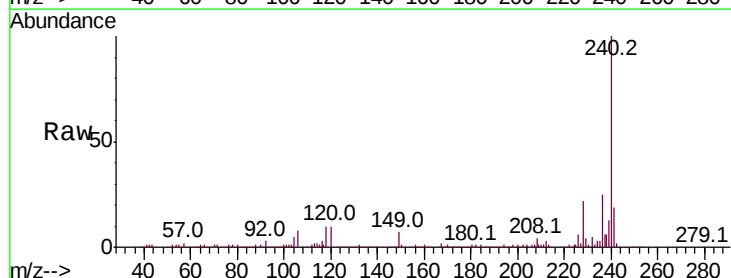
Tgt Ion:240 Resp: 417542

Ion Ratio Lower Upper

240 100

120 10.4 10.6 15.8#

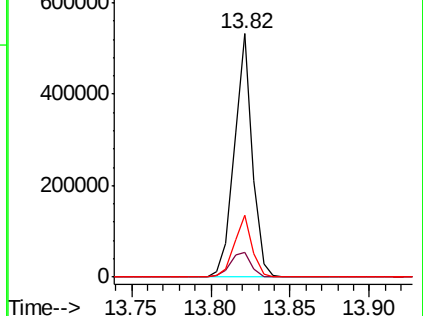
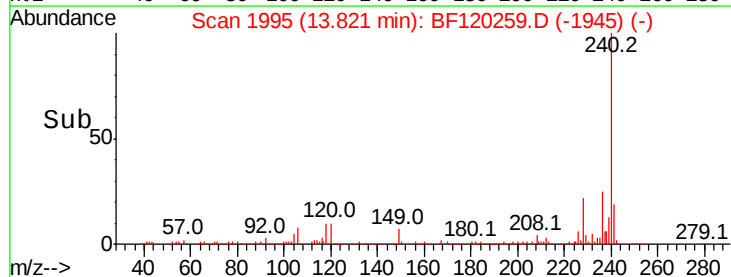
236 25.3 20.2 30.2

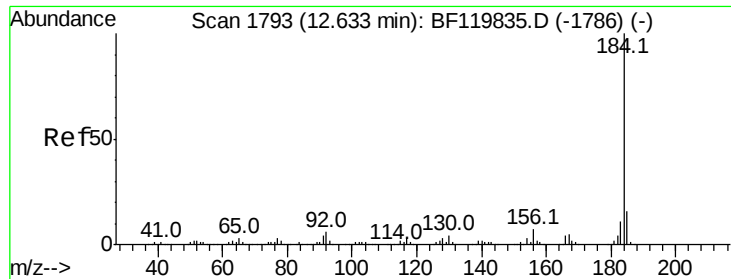


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

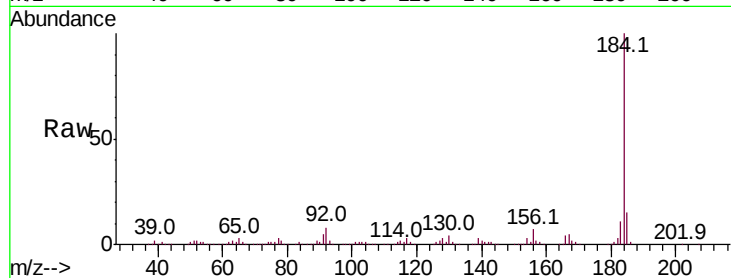




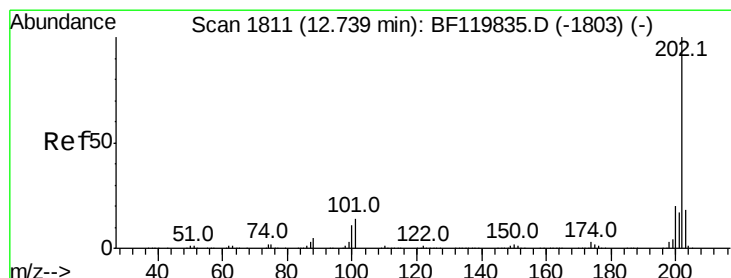
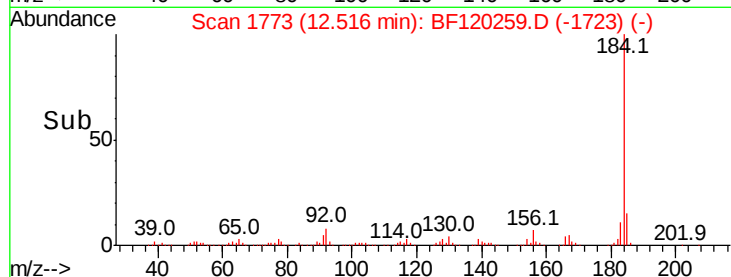
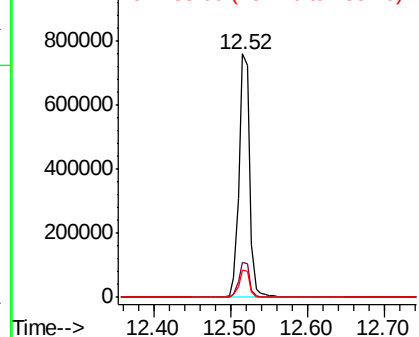
#77
Benzidine
Concen: 52.727 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Instrument :
BNA_F
ClientSampleId :
PB128596BS

Tot Ion:184 Resp: 744202
Ion Ratio Lower Upper
184 100
185 14.6 12.3 18.5
183 11.2 9.0 13.6

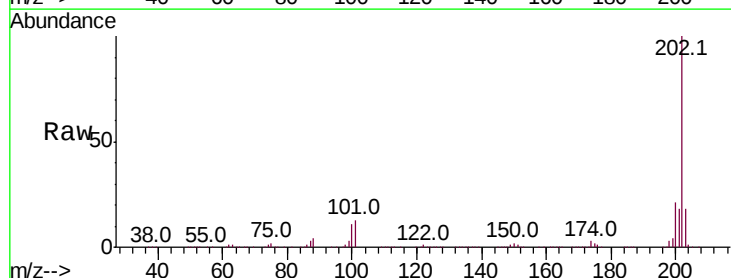


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

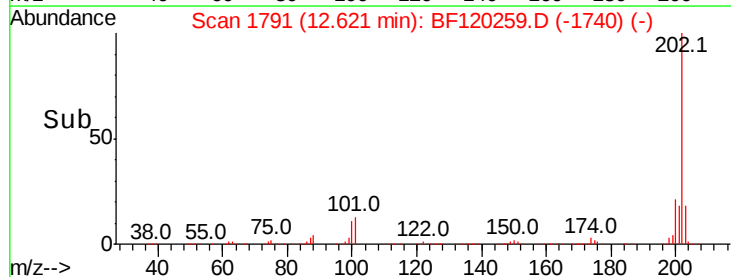
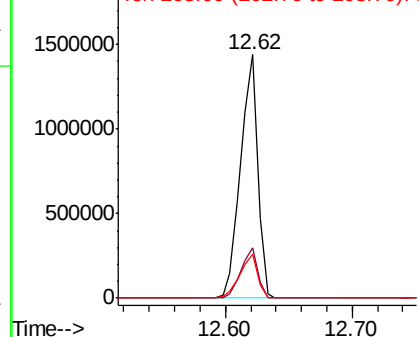


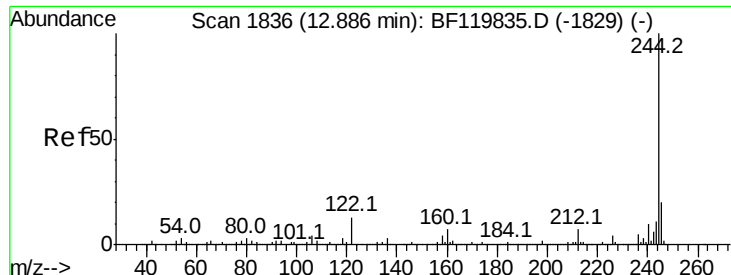
#78
Pyrene
Concen: 38.118 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:202 Resp: 1341752
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 17.8 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: 75.112 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

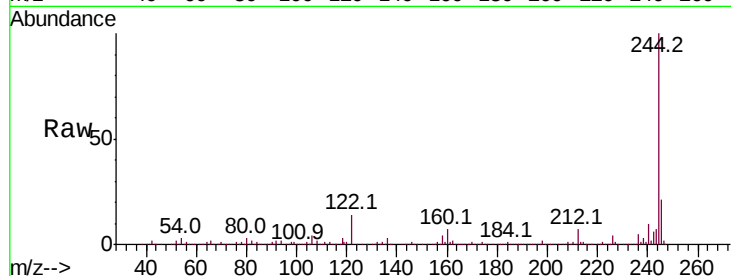
Tot Ion:244 Resp: 1863874

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

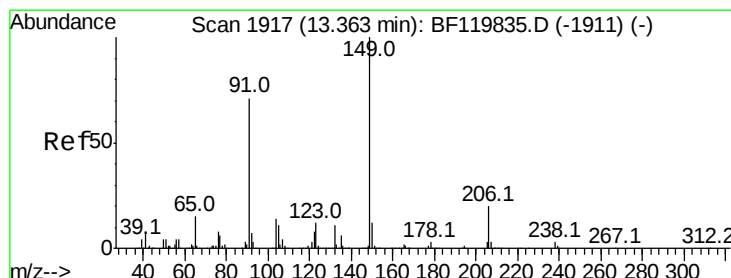
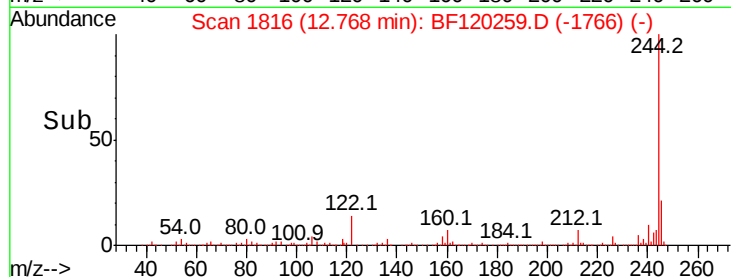
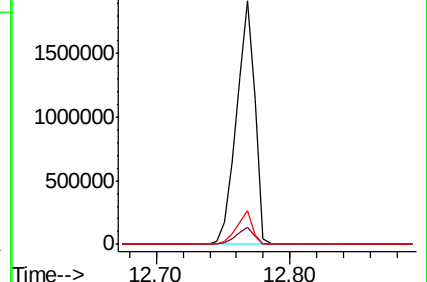
122 13.7 10.3 15.5



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: 37.632 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

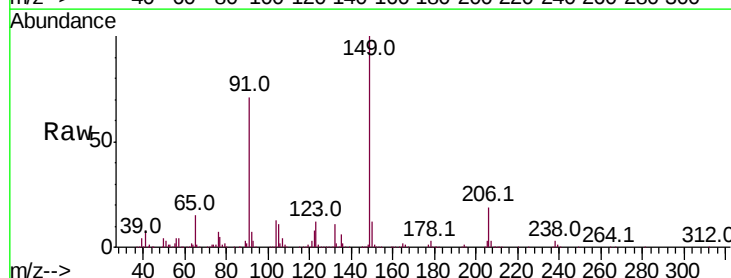
Tgt Ion:149 Resp: 642758

Ion Ratio Lower Upper

149 100

91 70.8 54.7 82.1

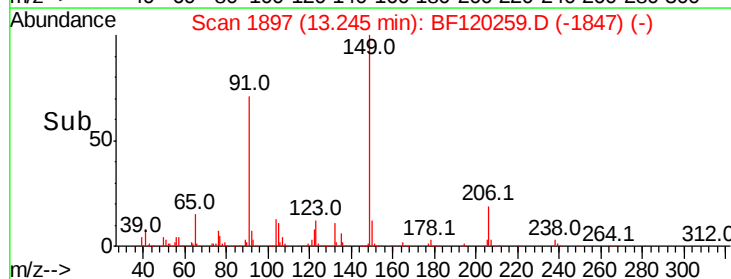
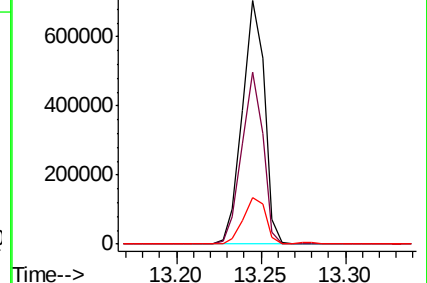
206 18.8 16.2 24.2



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: 40.946 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

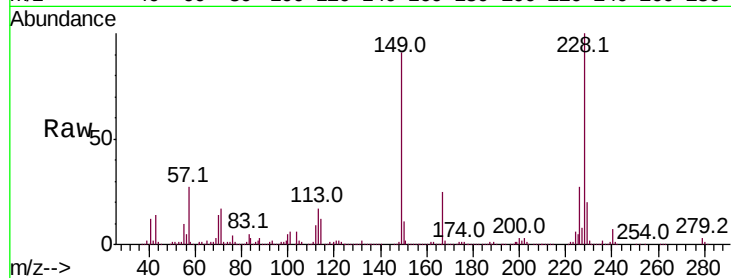
Tot Ion:228 Resp: 1124730

Ion Ratio Lower Upper

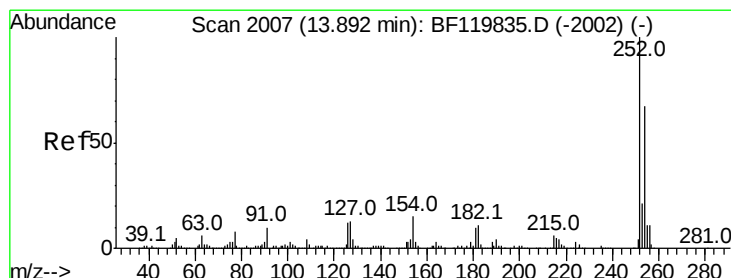
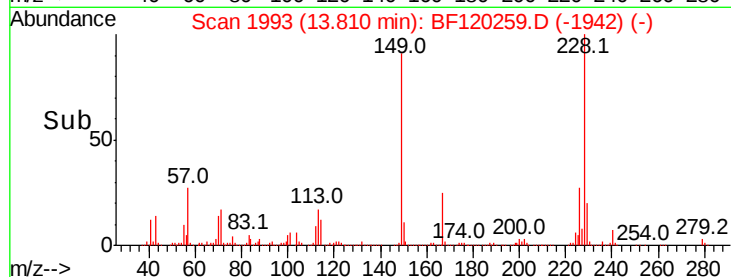
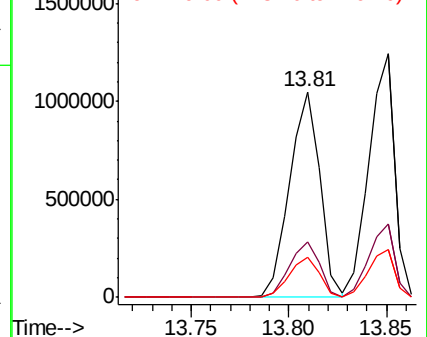
228 100

226 26.9 21.8 32.8

229 19.6 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: 19.383 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

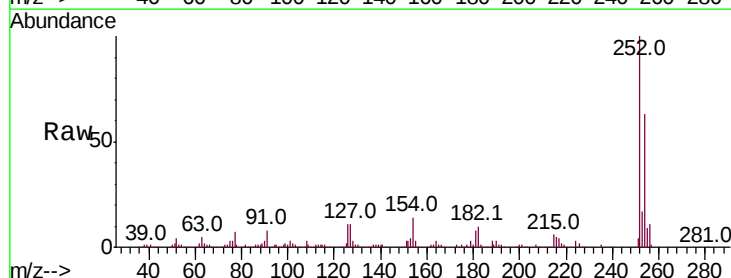
Tgt Ion:252 Resp: 198656

Ion Ratio Lower Upper

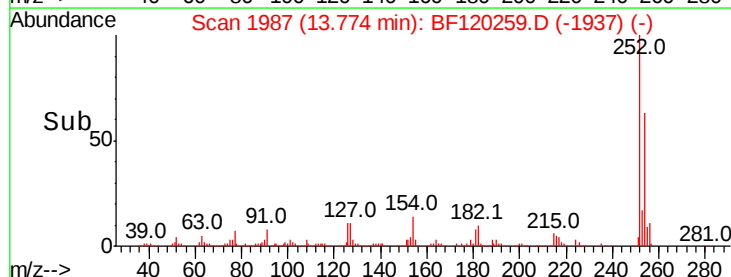
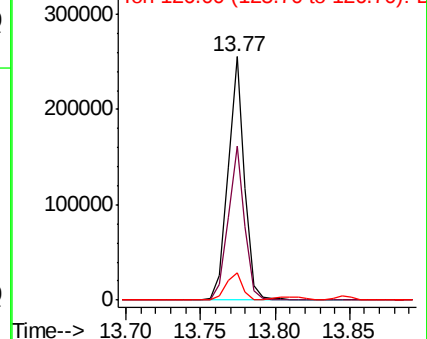
252 100

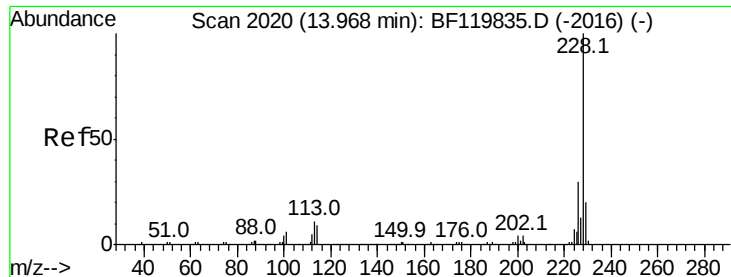
254 63.5 51.2 76.8

126 11.1 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: 40.677 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

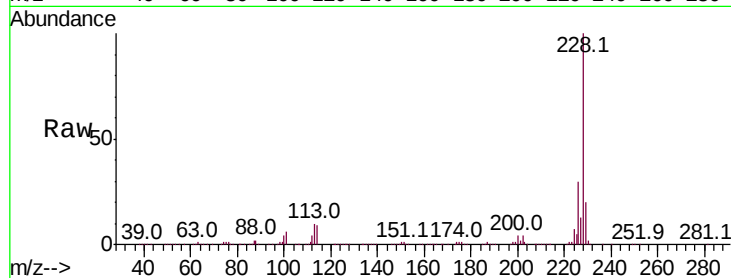
BNA_F

ClientSampleId :

PB128596BS

Tot Ion:228 Resp: 1135307

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	19.9	16.6	24.8

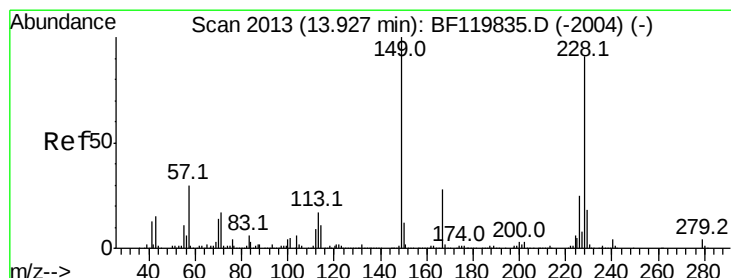
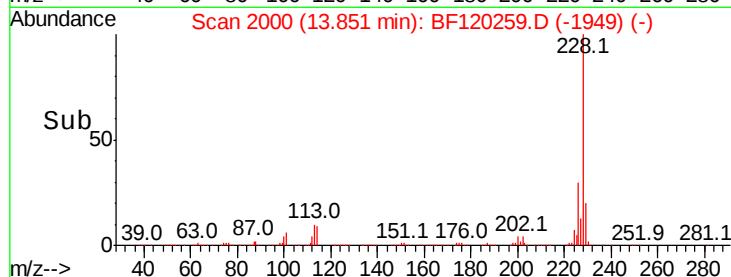
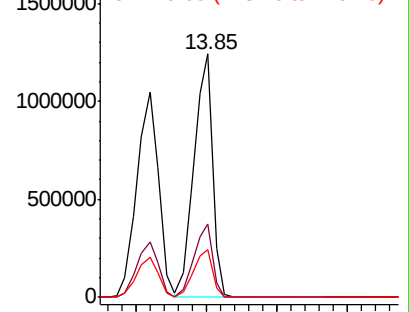


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.081 ng

RT: 13.81 min Scan# 1993

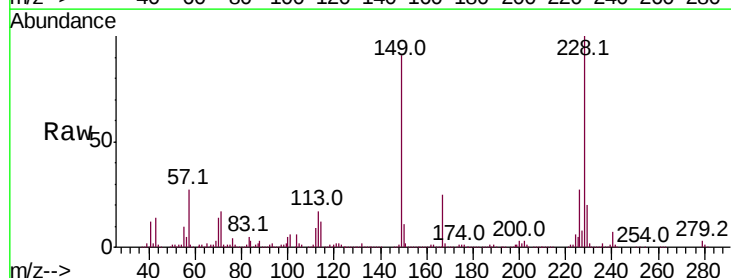
Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Tgt Ion:149 Resp: 857682

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.6	2.7	4.1

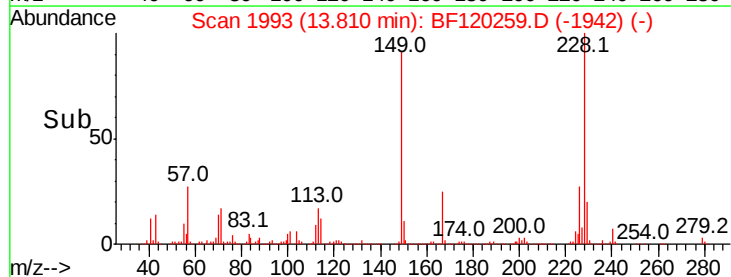
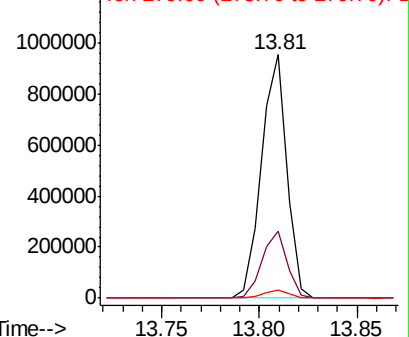


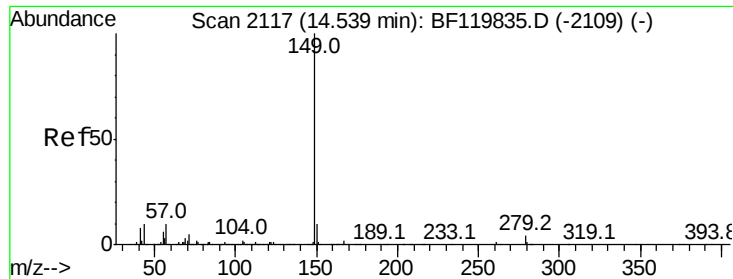
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.554 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

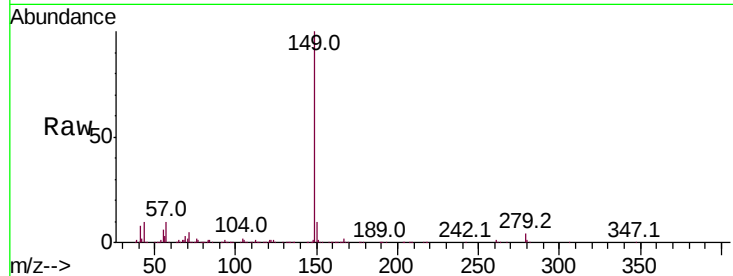
Tot Ion:149 Resp: 1518357

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

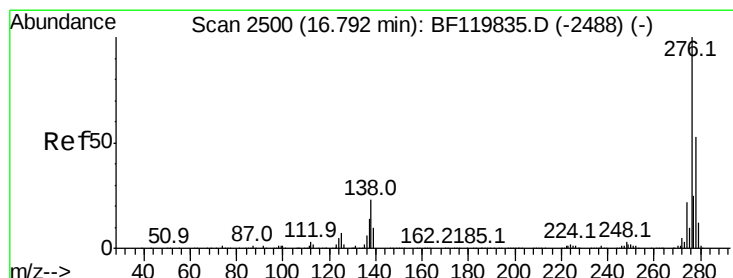
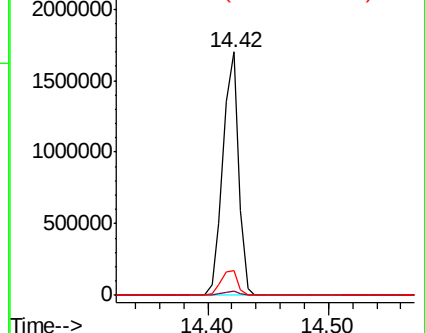
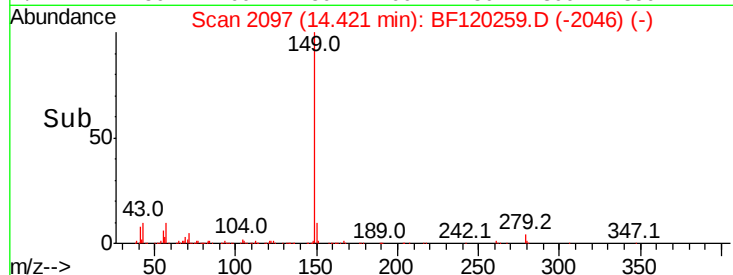
43 10.8 9.3 13.9



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: 38.298 ng

RT: 16.57 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

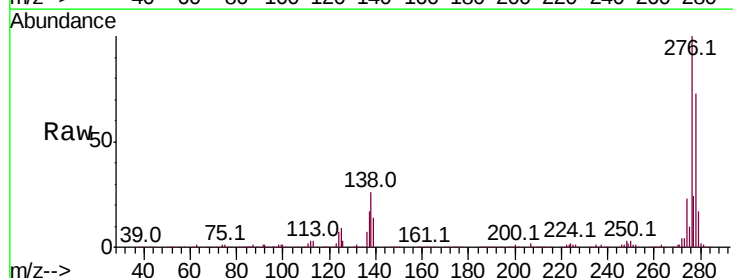
Tgt Ion:276 Resp: 942251

Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

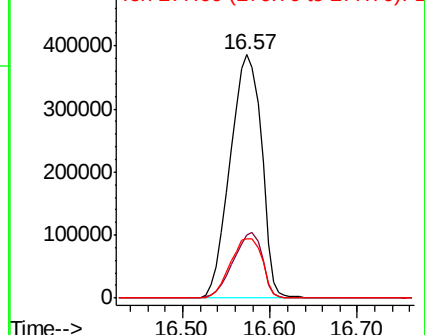
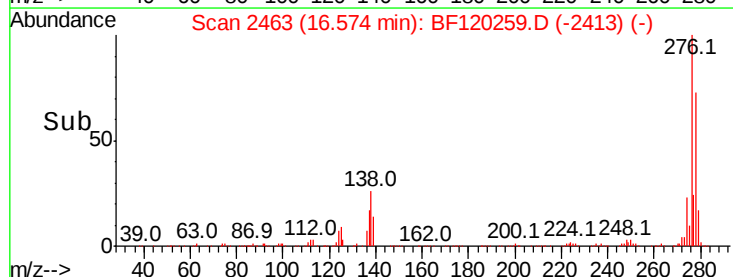
277 25.0 20.0 30.0

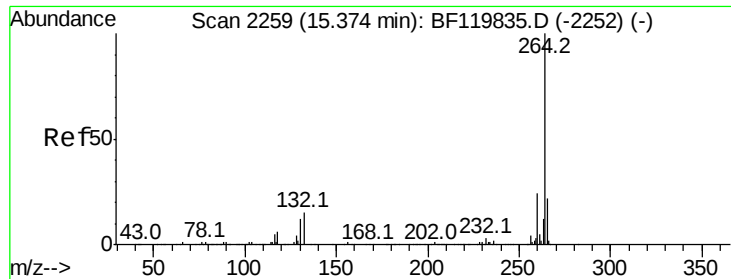


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.22 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

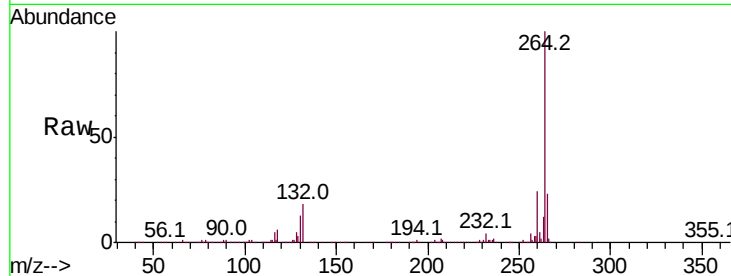
Tot Ion:264 Resp: 371184

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

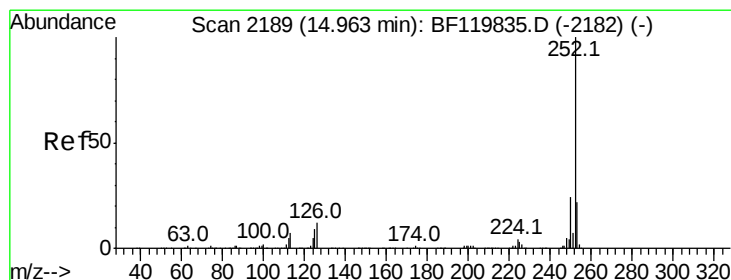
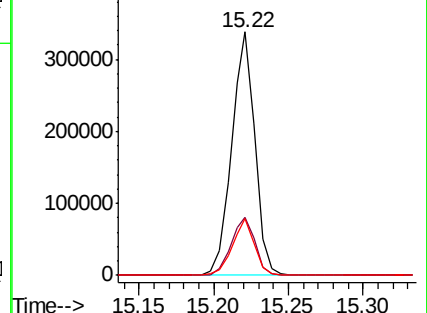
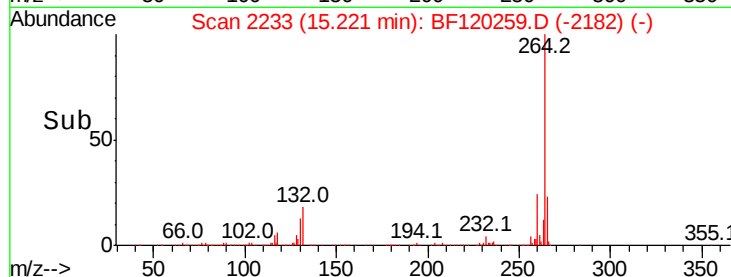
265 23.1 17.7 26.5



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: 38.260 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

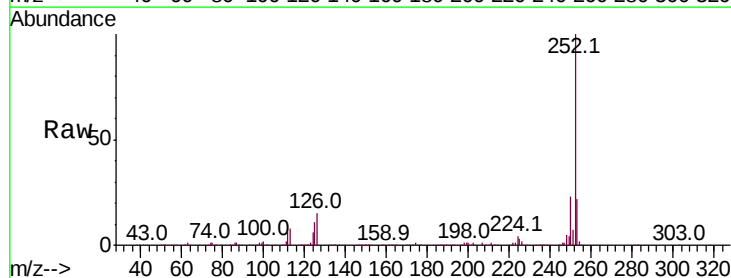
Tgt Ion:252 Resp: 1021622

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

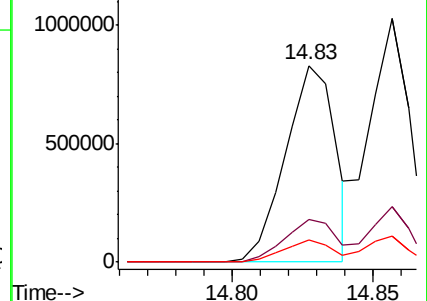
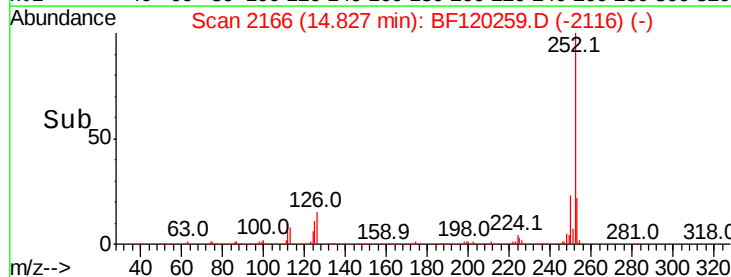
125 11.0 7.9 11.9

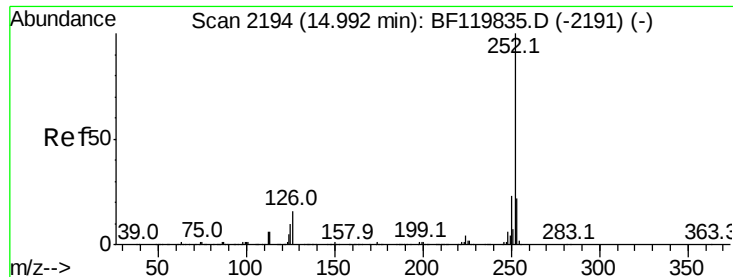


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

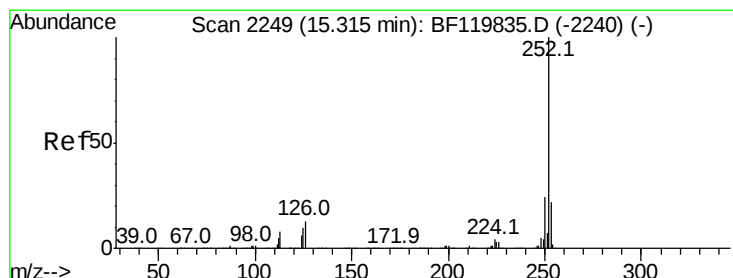
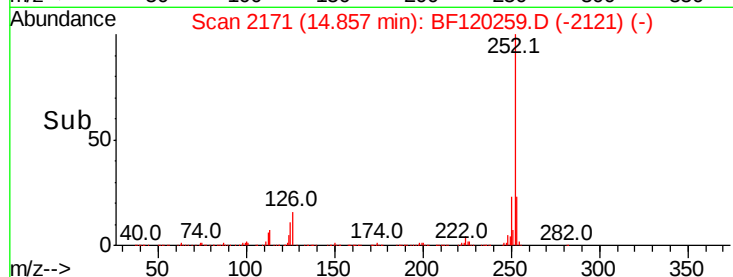
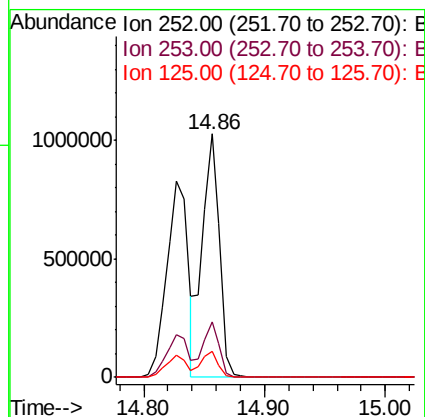
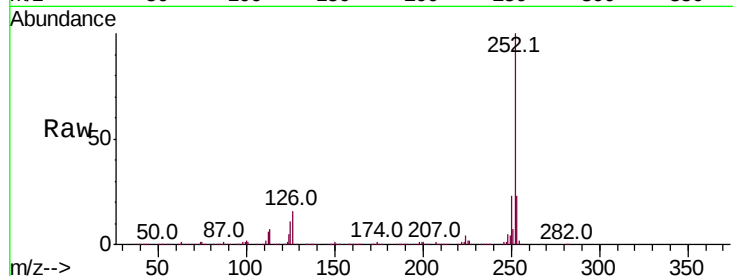




#89
Benzo(k)fluoranthene
Concen: 43.688 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

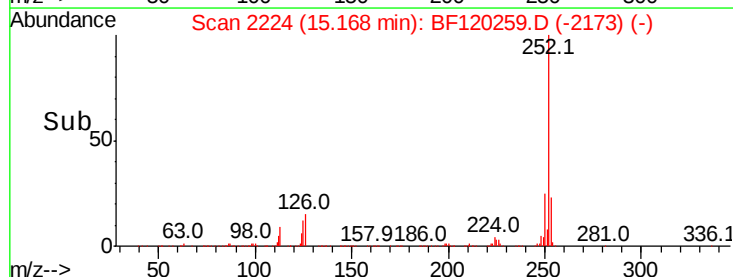
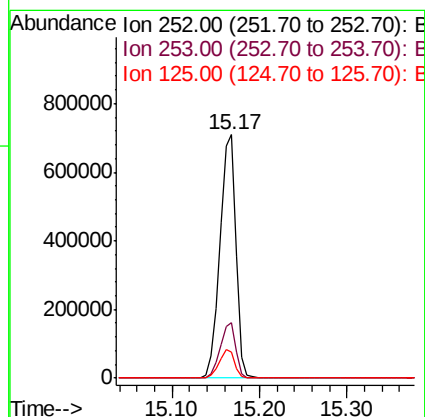
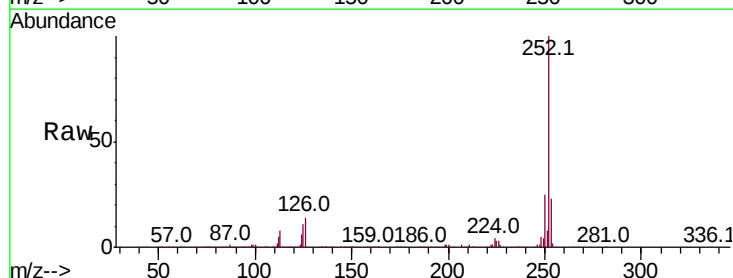
Instrument :
BNA_F
ClientSampleId :
PB128596BS

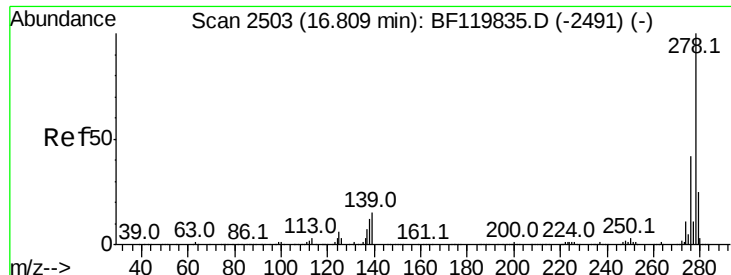
Tot Ion:252 Resp: 1006532
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 40.278 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120259.D
Acq: 1 May 2020 15:39

Tgt Ion:252 Resp: 904274
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.9 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 39.516 ng

RT: 16.59 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

Instrument :

BNA_F

ClientSampleId :

PB128596BS

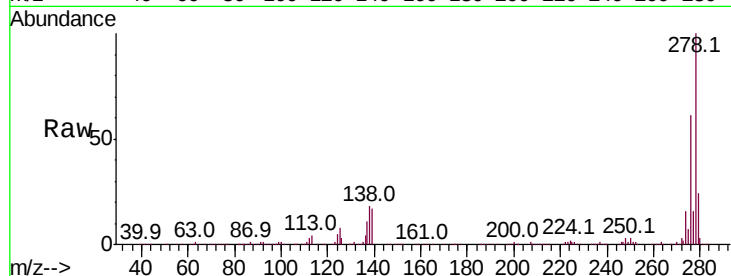
Tot Ion:278 Resp: 785855

Ion Ratio Lower Upper

278 100

139 16.6 12.6 19.0

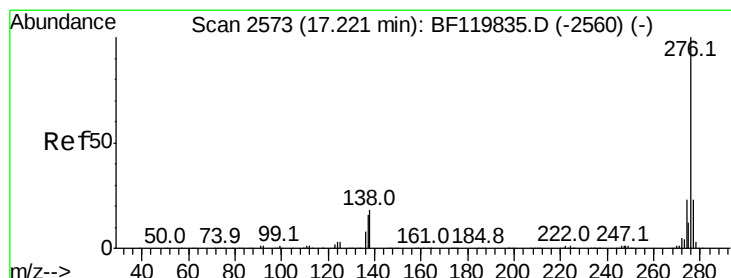
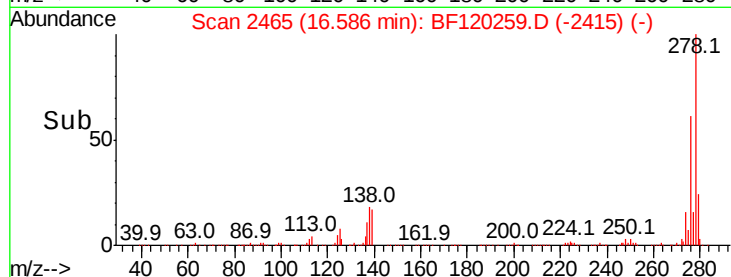
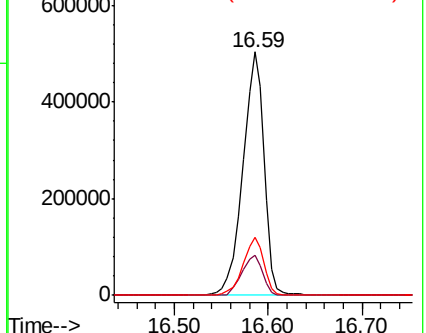
279 24.1 19.0 28.6



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: 39.387 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF120259.D

Acq: 1 May 2020 15:39

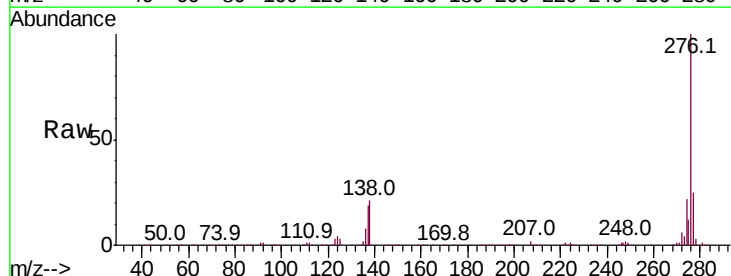
Tgt Ion:276 Resp: 773179

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 21.1 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

