

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123730.D
 Acq On : 24 Apr 2021 22:01
 Operator : JU/CG
 Sample : M2020-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 105-SB-2(S)

Quant Time: Apr 26 03:01:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	198027	20.00	ng	-0.01
21) Naphthalene-d8	8.122	136	582168	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	341112	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	530705	20.00	ng	# 0.00
76) Chrysene-d12	13.992	240	448099	20.00	ng	#-0.03
86) Perylene-d12	15.457	264	481976	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1091508	89.09	ng	-0.02
7) Phenol-d6	6.457	99	1444063	85.05	ng	-0.02
23) Nitrobenzene-d5	7.392	82	1137659	89.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	305342	79.05	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1327769	58.03	ng	0.00
79) Terphenyl-d14	12.945	244	1218155	52.84	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	93021	8.39	ng	# 1
10) Phenol	6.469	94	45269	2.51	ng	94
15) Benzyl Alcohol	6.981	79	28460	2.12	ng	# 39
18) Hexachloroethane	7.322	117	51153	9.34	ng	# 1
19) n-Nitroso-di-n-propyla...	7.257	70	91808	8.16	ng	# 62
22) Acetophenone	7.222	105	143368	8.88	ng	# 1
24) Nitrobenzene	7.404	77	111029	8.33	ng	# 6
25) Isophorone	7.645	82	242570	9.87	ng	# 1
26) 2-Nitrophenol	7.745	139	29961	6.58	ng	# 1
27) 2,4-Dimethylphenol	7.775	122	26749	3.18	ng	# 1
28) bis(2-Chloroethoxy)met...	7.881	93	106644	8.65	ng	# 1
29) 2,4-Dichlorophenol	7.957	162	48613	5.94	ng	# 39
31) Naphthalene	8.145	128	3427067	114.28	ng	# 91
32) Benzoic acid	7.910	122	26418	8.82	ng	# 1
33) 4-Chloroaniline	8.175	127	93383	7.58	ng	# 1
35) Caprolactam	8.563	113	332569	116.35	ng	# 71
36) 4-Chloro-3-methylphenol	8.651	107	32188	3.03	ng	# 40
37) 2-Methylnaphthalene	8.857	142	5454307	277.38	ng	99
38) 1-Methylnaphthalene	8.951	142	3195687	171.77	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	19177	3.00	ng	# 14
46) 1,1'-Biphenyl	9.298	154	66821	2.50	ng	89
48) 2-Nitroaniline	9.428	65	19158	2.29	ng	# 27
49) Acenaphthylene	9.751	152	144782	4.41	ng	# 1
50) Dimethylphthalate	9.592	163	62981	2.67	ng	# 68
51) 2,6-Dinitrotoluene	9.657	165	14998	2.90	ng	# 5
52) Acenaphthene	9.916	154	267326	12.68	ng	# 71
53) 3-Nitroaniline	9.839	138	18769	3.13	ng	# 53
55) Dibenzofuran	10.092	168	305535	10.10	ng	# 1
56) 4-Nitrophenol	9.998	139	228427	49.68	ng	# 50
57) 2,4-Dinitrotoluene	10.092	165	116117	16.81	ng	# 45
58) Fluorene	10.433	166	759719	31.95	ng	# 92
63) Azobenzene	10.580	77	124560	4.26	ng	# 1
66) n-Nitrosodiphenylamine	10.545	169	752122	44.27	ng	# 53
69) Atrazine	11.245	200	36810	6.95	ng	75
71) Phenanthrene	11.398	178	1793284	64.75	ng	97
72) Anthracene	11.398	178	1793284	64.78	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

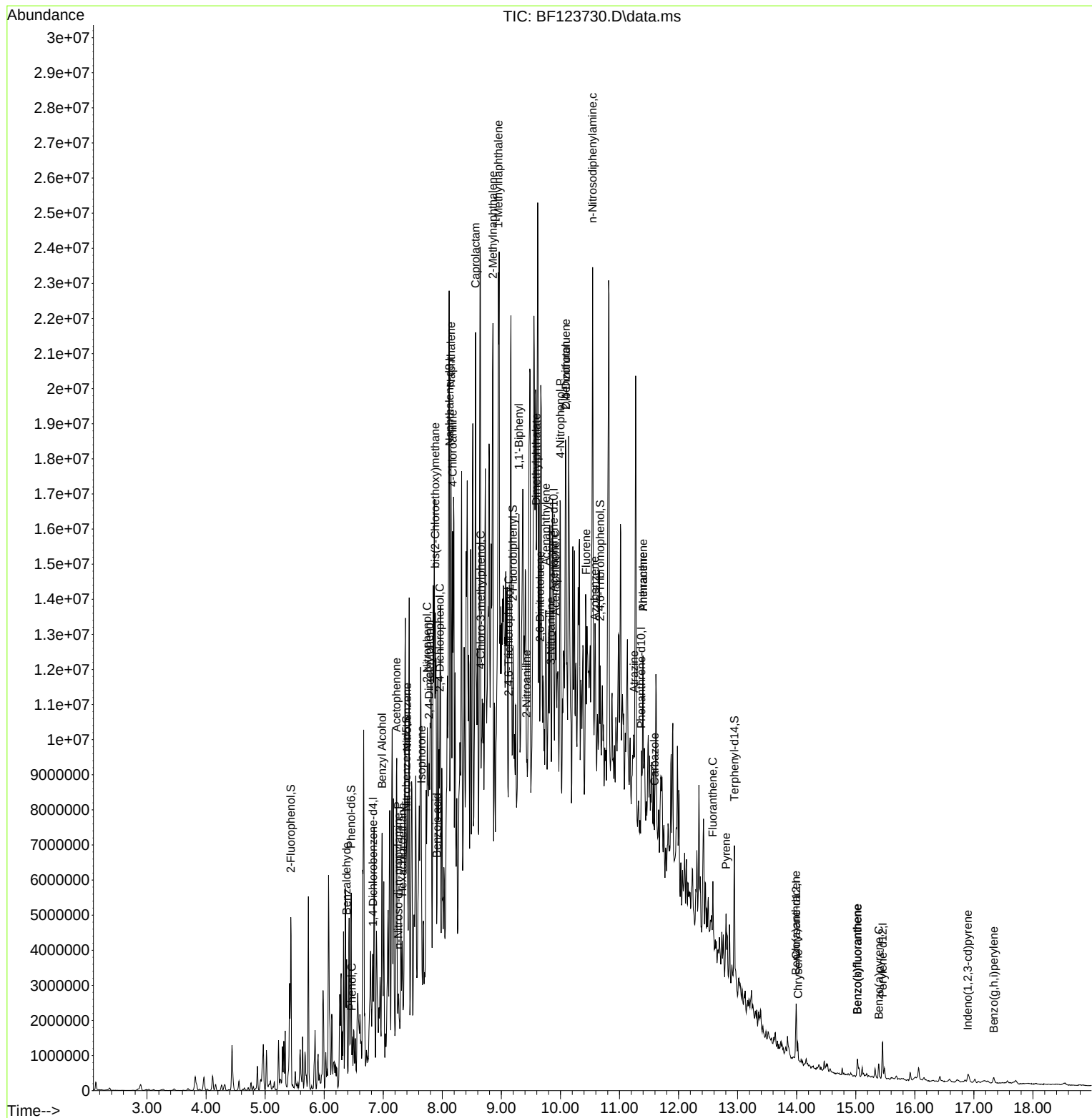
73) Carbazole	11.592	167	87188	3.16	ng	# 19
75) Fluoranthene	12.580	202	653480	21.47	ng	98
78) Pyrene	12.804	202	825364	25.24	ng	100
81) Benzo(a)anthracene	13.986	228	254935	9.28	ng	# 93
83) Chrysene	14.021	228	243993	8.85	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.898	276	137309	5.34	ng	98
88) Benzo(b)fluoranthene	15.027	252	373278	10.97	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	373278	11.05	ng	# 97
90) Benzo(a)pyrene	15.392	252	203294	7.51	ng	97
92) Benzo(g,h,i)perylene	17.339	276	126359	6.96	ng	# 96

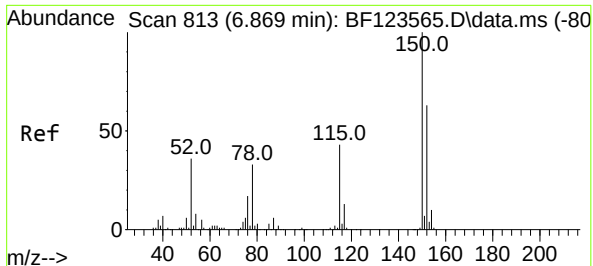
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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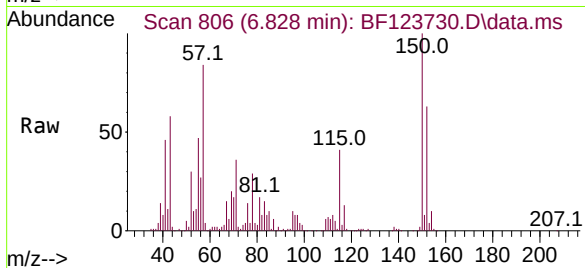
Quant Time: Apr 26 03:01:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
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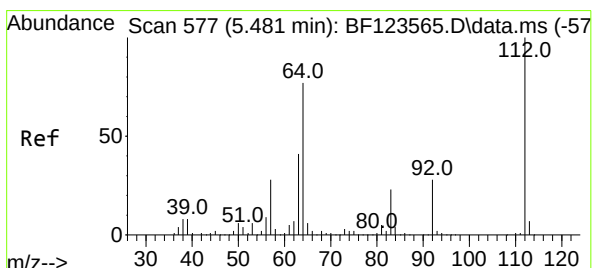
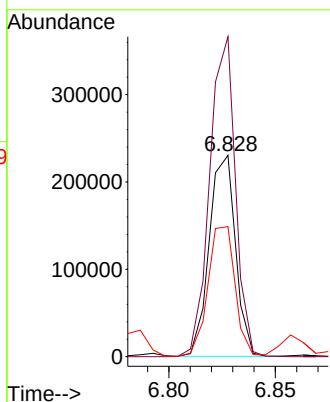
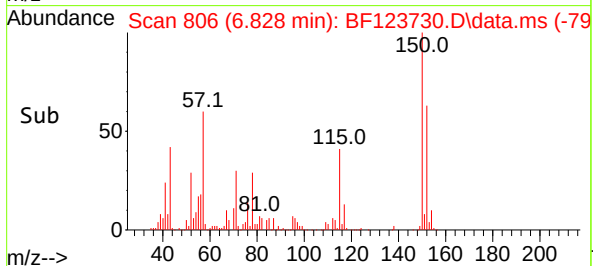


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

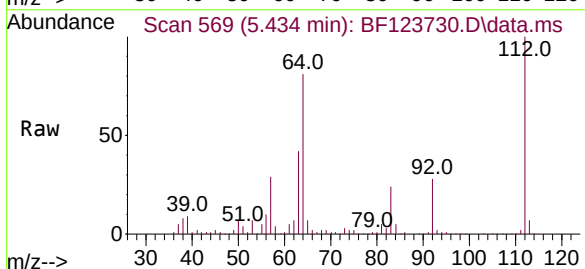
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)



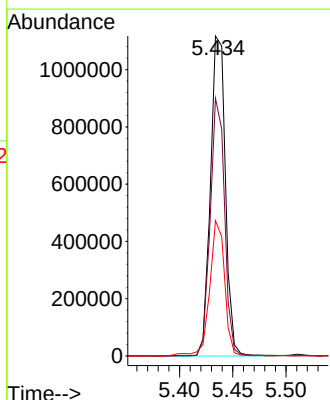
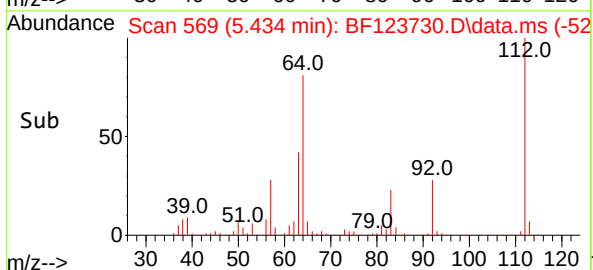
Tgt Ion:152 Resp: 198027
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 64.6 54.3 81.5

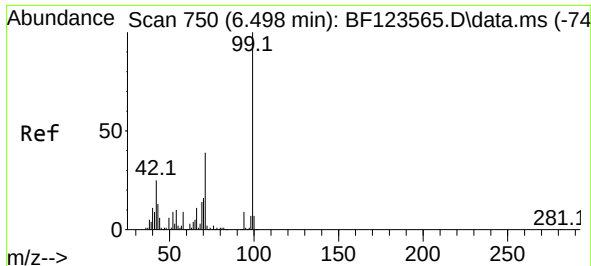


#5
2-Fluorophenol
Concen: 89.09 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.023 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01



Tgt Ion:112 Resp: 1091508
Ion Ratio Lower Upper
112 100
64 80.5 61.4 92.0
63 42.3 33.0 49.4



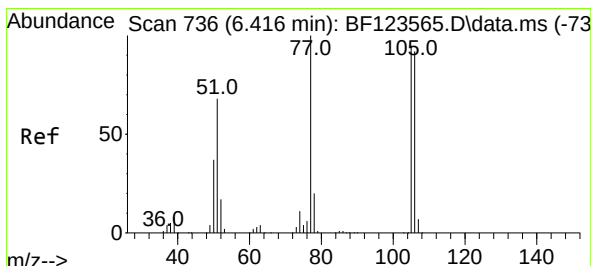
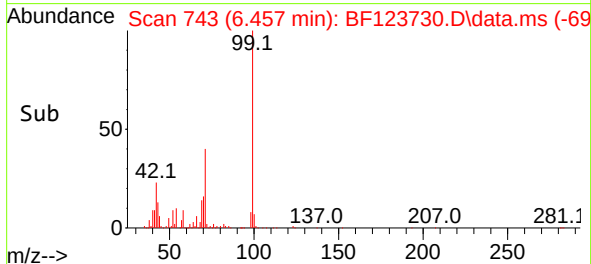
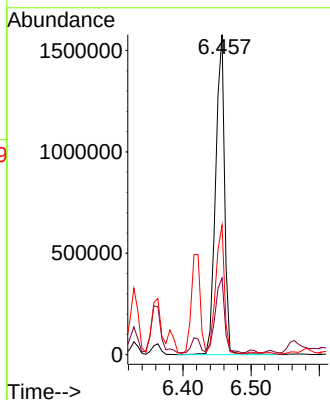
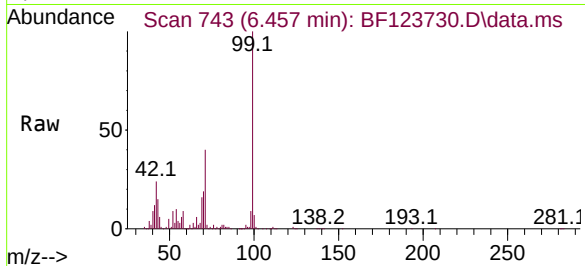


#7
Phenol-d6
Concen: 85.05 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

Tgt Ion: 99 Resp: 1444063

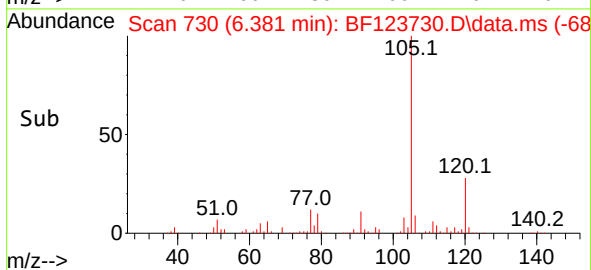
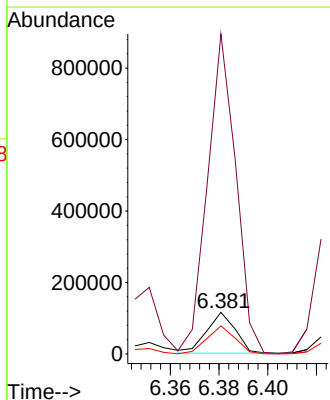
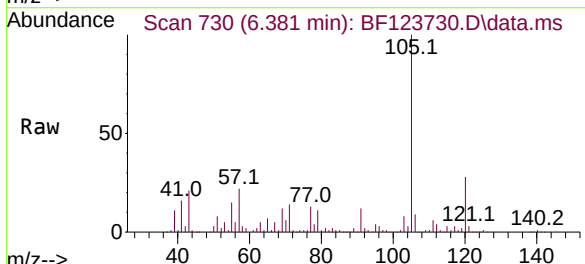
Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.8	29.8
71	40.5	31.1	46.7

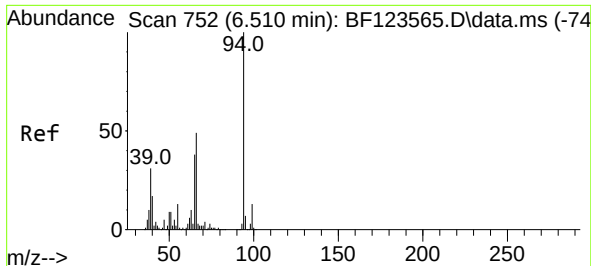


#9
Benzaldehyde
Concen: 8.39 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion: 77 Resp: 93021

Ion	Ratio	Lower	Upper
77	100		
105	769.4	75.2	115.2#
106	67.5	71.6	111.6#

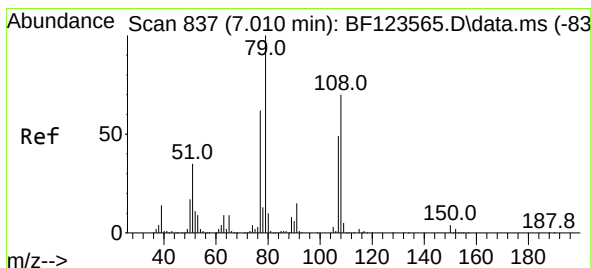
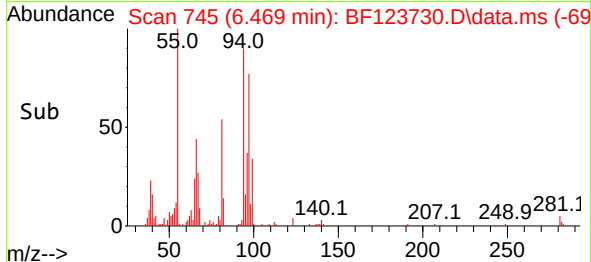
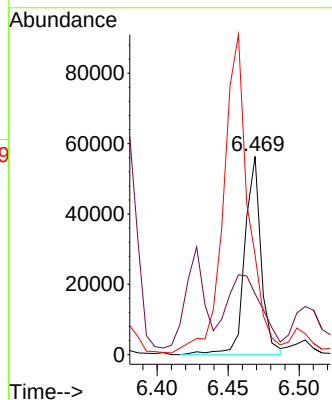
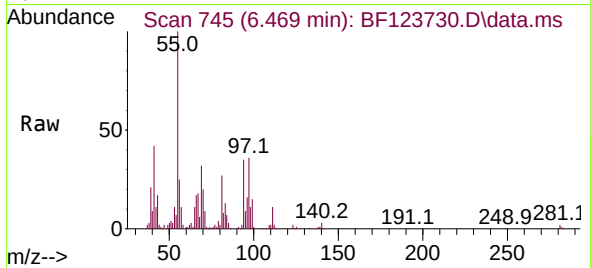




#10
Phenol
Concen: 2.51 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.023 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

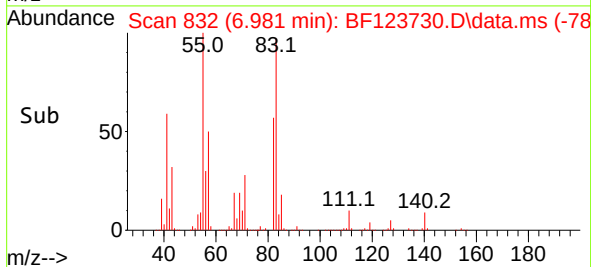
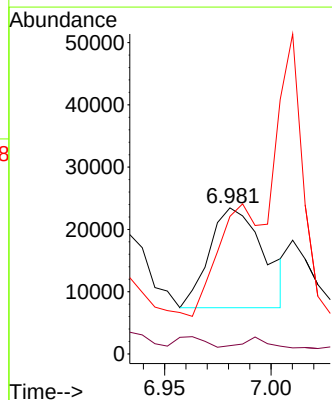
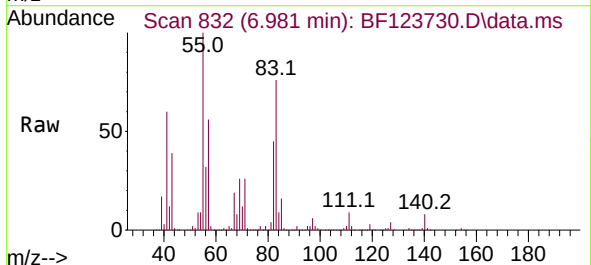
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

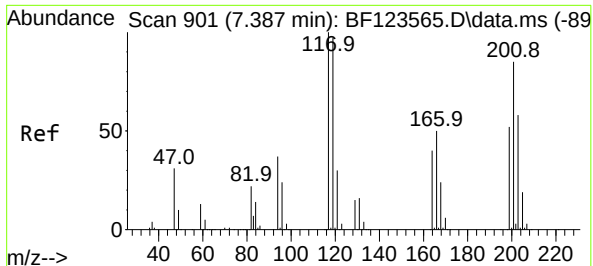
Tgt Ion: 94 Resp: 45269
Ion Ratio Lower Upper
94 100
65 30.7 18.1 58.1
66 50.3 29.0 69.0



#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion: 79 Resp: 28460
Ion Ratio Lower Upper
79 100
108 5.7 55.8 83.8#
77 94.3 49.9 74.9#





#18

Hexachloroethane

Concen: 9.34 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.035 min

Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

Tgt Ion: 117 Resp: 51153

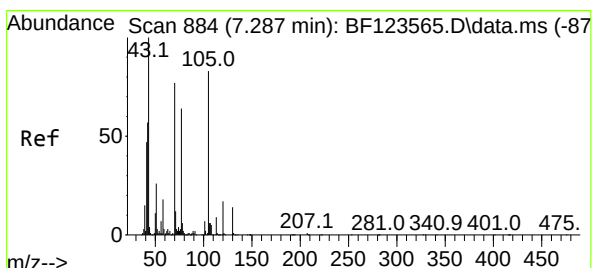
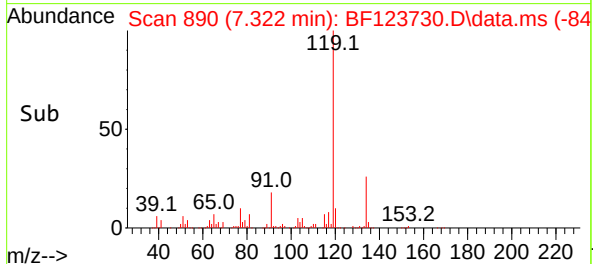
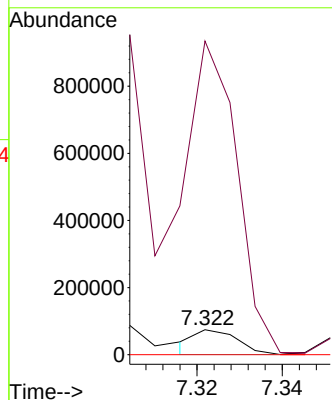
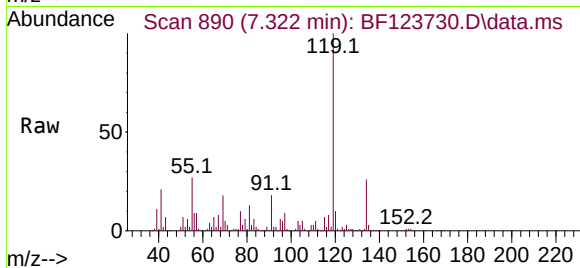
Ion	Ratio	Lower	Upper
117	100		
119	1255.7	77.8	116.8#
201	0.0	67.8	101.8#

Instrument :

BNA_F

ClientSampleId :

105-SB-2(S)



#19

n-Nitroso-di-n-propylamine

Concen: 8.16 ng

RT: 7.257 min Scan# 879

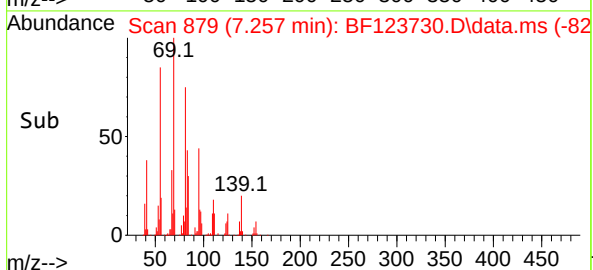
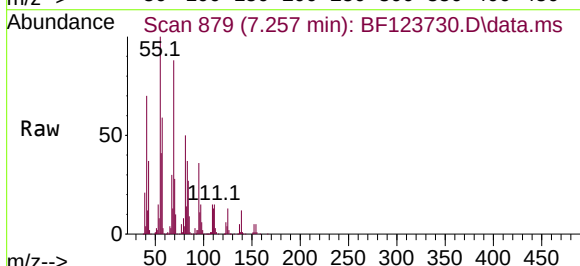
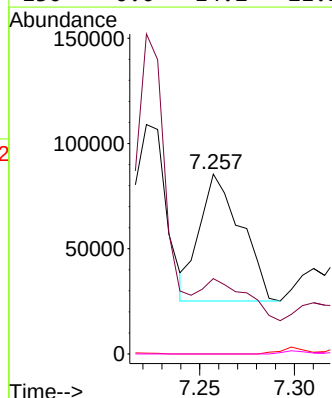
Delta R.T. 0.000 min

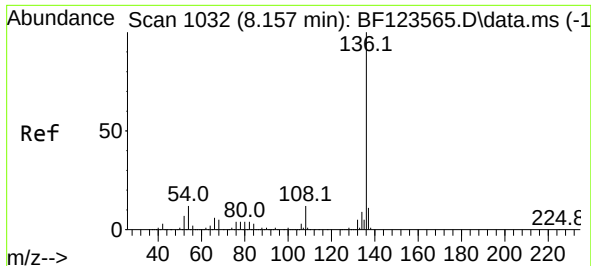
Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

Tgt Ion: 70 Resp: 91808

Ion	Ratio	Lower	Upper
70	100		
42	41.9	60.1	90.1#
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#

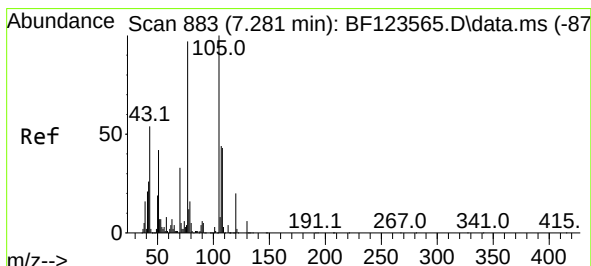
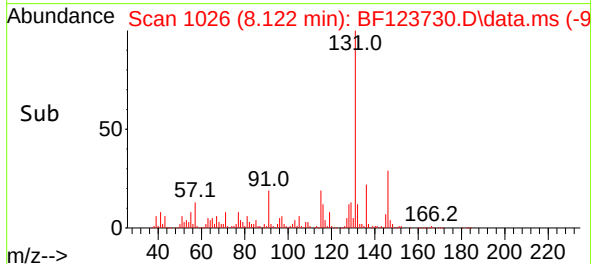
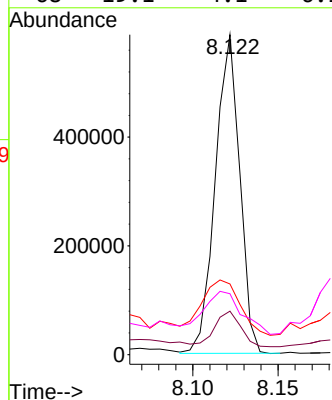
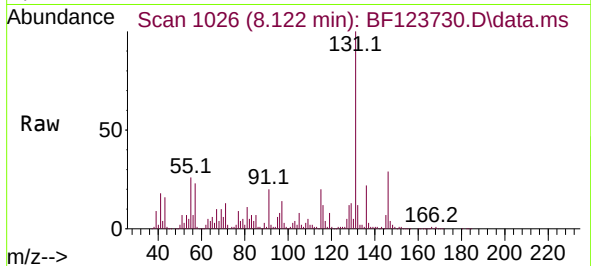




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

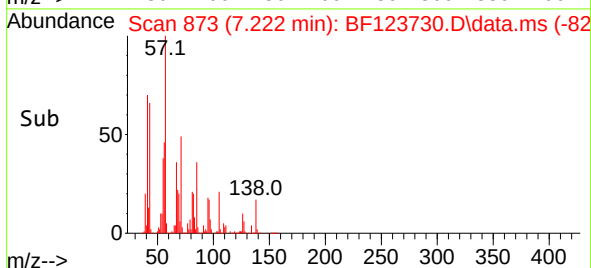
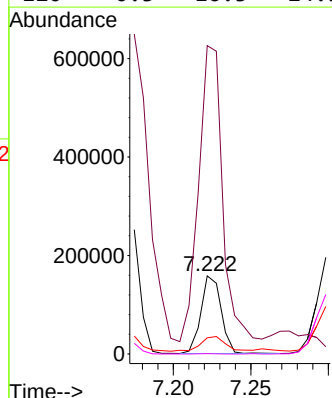
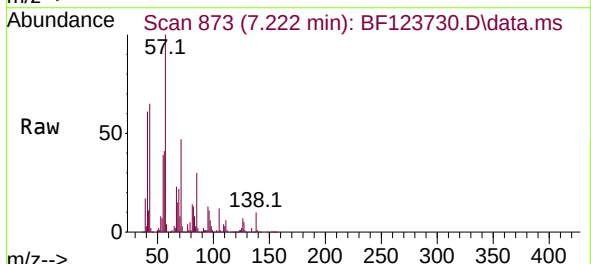
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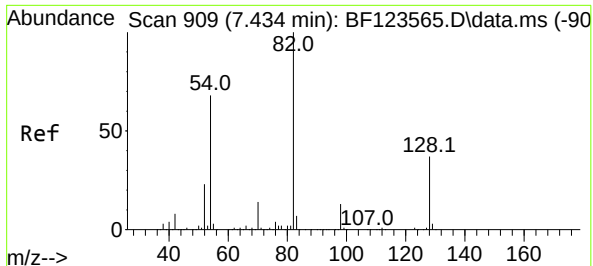
Tgt Ion:136	Resp: 582168
Ion Ratio	Lower Upper
136 100	
137 13.6	8.7 13.1#
54 22.1	9.8 14.6#
68 19.1	4.1 6.1#



#22
Acetophenone
Concen: 8.88 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.029 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:105	Resp: 143368
Ion Ratio	Lower Upper
105 100	
71 394.7	4.2 6.4#
51 20.6	33.6 50.4#
120 0.3	16.3 24.5#





#23

Nitrobenzene-d5

Concen: 89.84 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

Tgt Ion: 82 Resp: 1137659

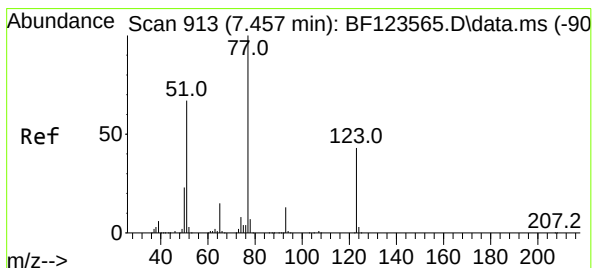
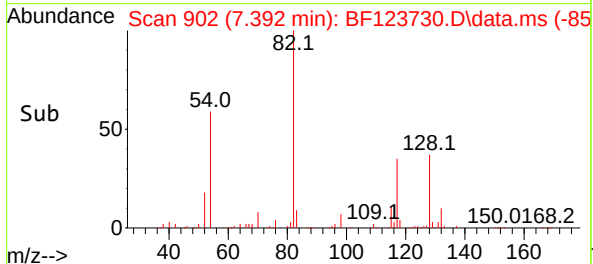
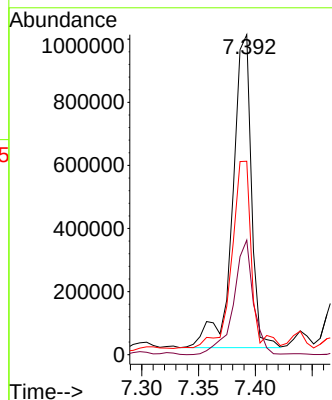
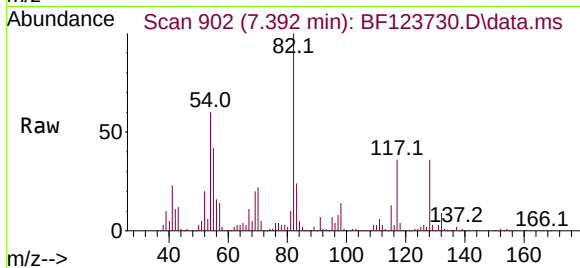
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.4	44.2
54	60.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

105-SB-2(S)



#24

Nitrobenzene

Concen: 8.33 ng

RT: 7.404 min Scan# 904

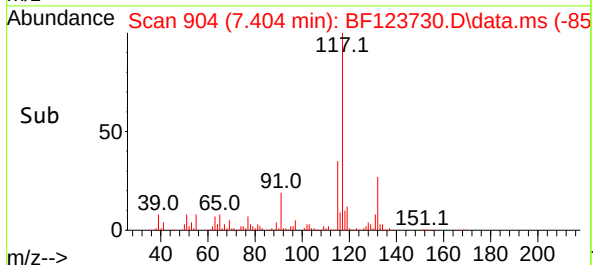
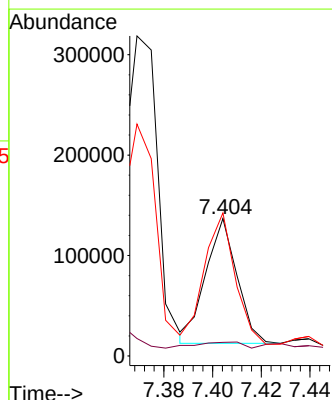
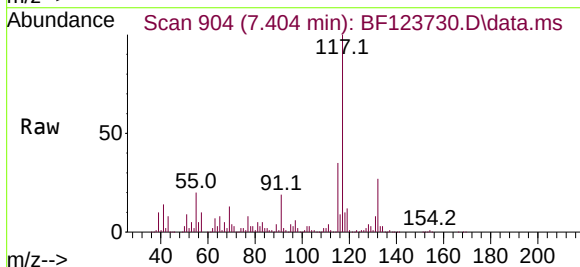
Delta R.T. -0.018 min

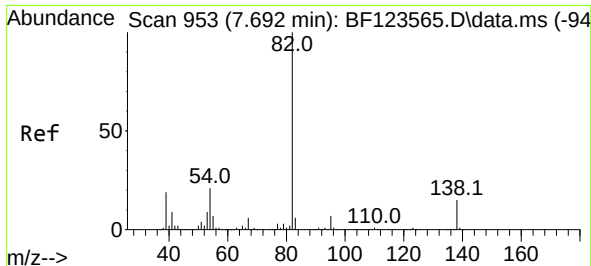
Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

Tgt Ion: 77 Resp: 111029

Ion	Ratio	Lower	Upper
77	100		
123	9.9	34.5	51.7#
65	104.0	12.2	18.2#

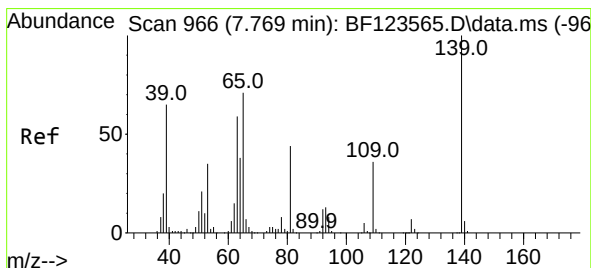
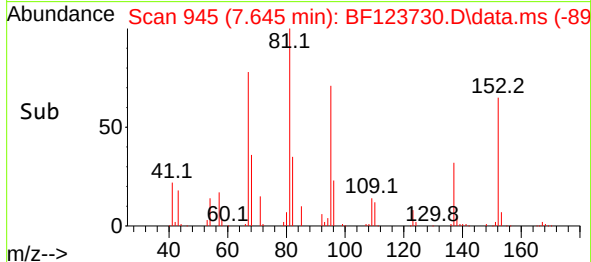
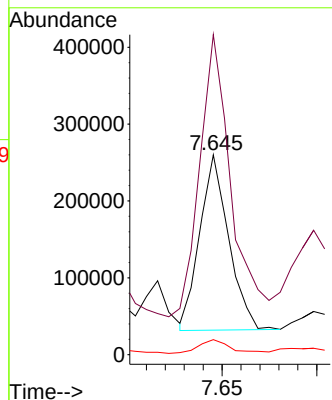
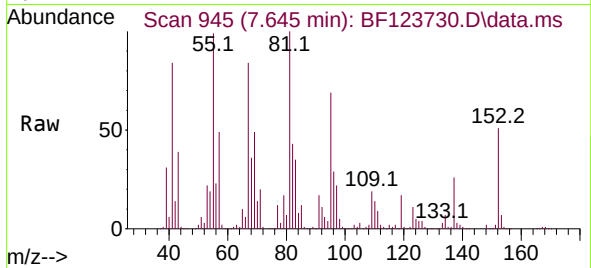




#25
Isophorone
Concen: 9.87 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.018 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

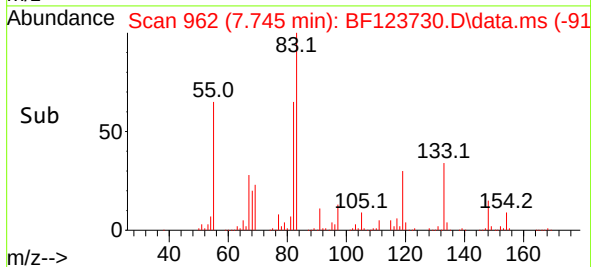
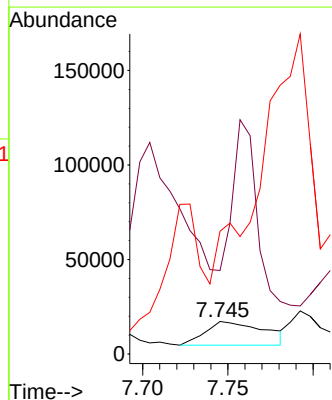
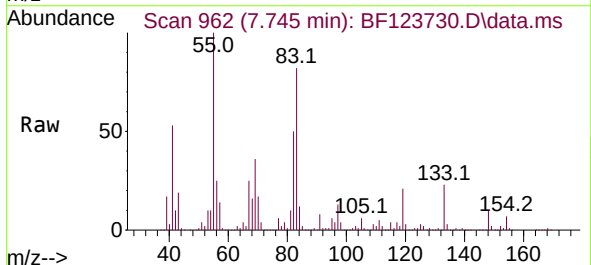
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

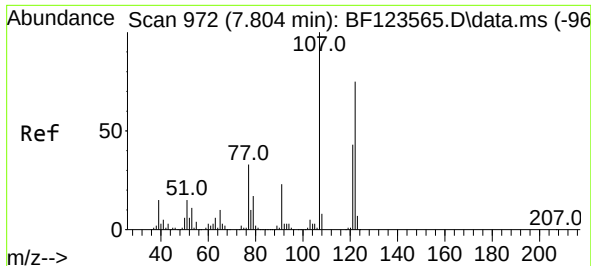
Tgt Ion: 82 Resp: 242570
Ion Ratio Lower Upper
82 100
95 160.1 5.8 8.6#
138 7.5 11.8 17.8#



#26
2-Nitrophenol
Concen: 6.58 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion: 139 Resp: 29961
Ion Ratio Lower Upper
139 100
109 257.5 28.6 43.0#
65 378.5 56.8 85.2#

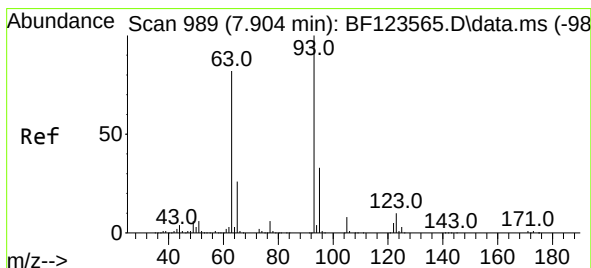
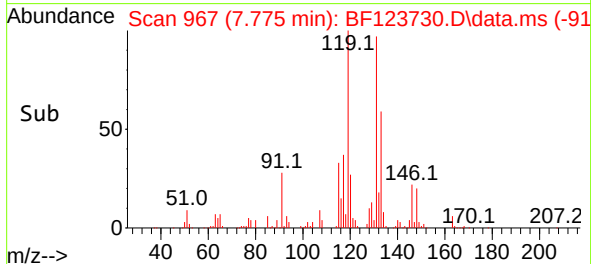
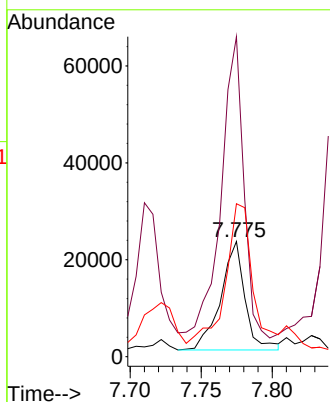
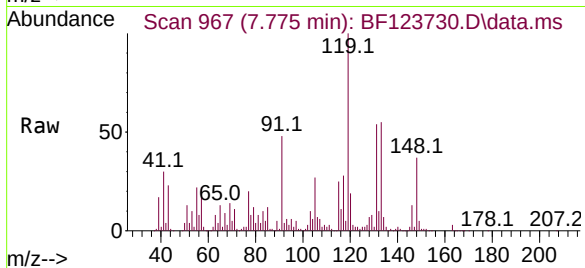




#27
2,4-Dimethylphenol
Concen: 3.18 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

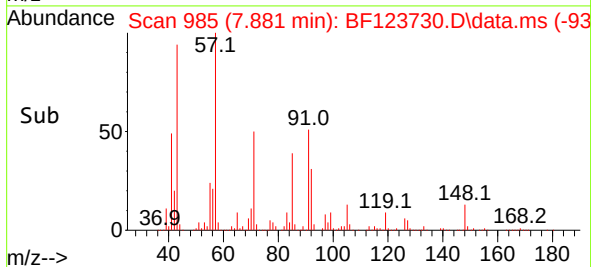
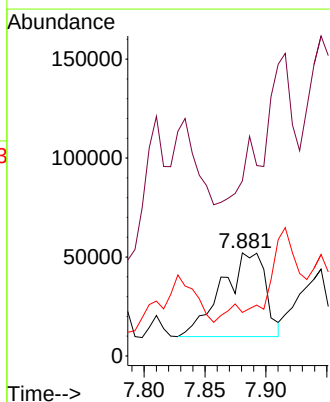
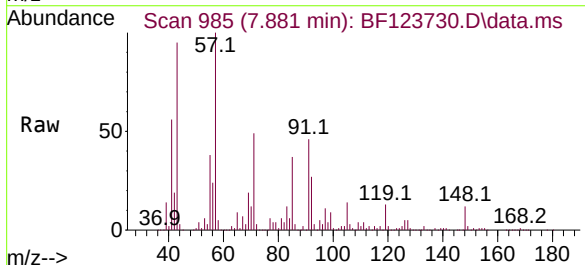
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

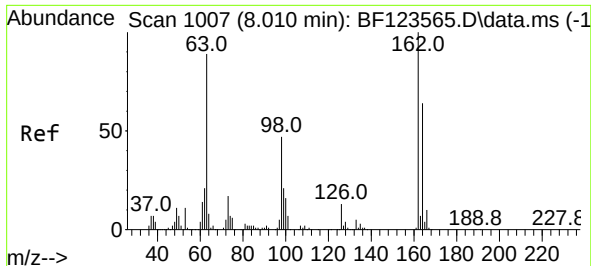
Tgt Ion:122 Resp: 26749
Ion Ratio Lower Upper
122 100
107 277.6 106.3 159.5#
121 132.8 45.4 68.0#



#28
bis(2-Chloroethoxy)methane
Concen: 8.65 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion: 93 Resp: 106644
Ion Ratio Lower Upper
93 100
95 169.9 26.5 39.7#
123 42.3 8.4 12.6#

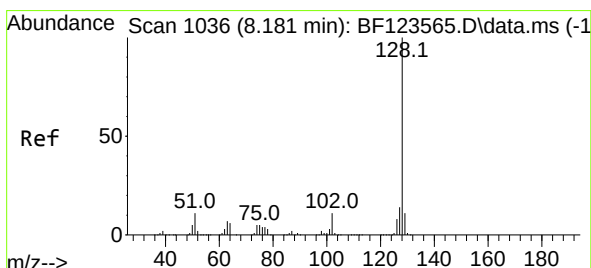
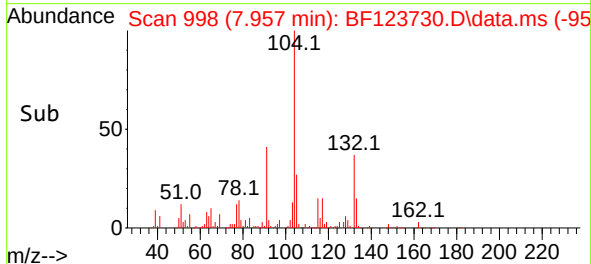
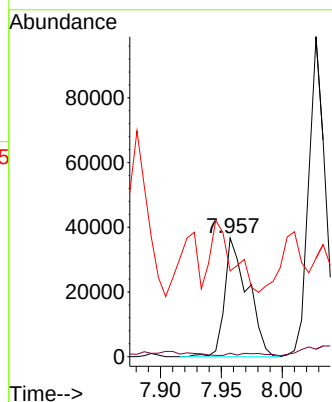
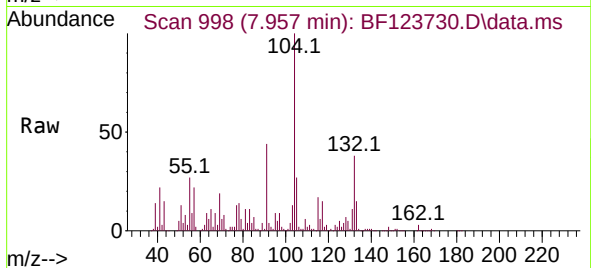




#29
2,4-Dichlorophenol
Concen: 5.94 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.029 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

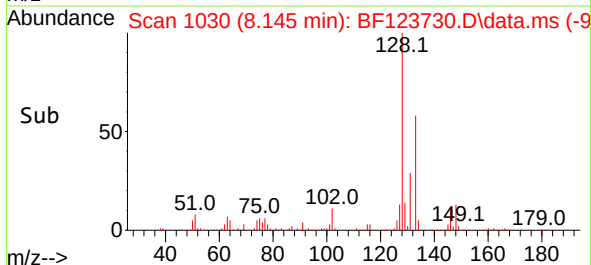
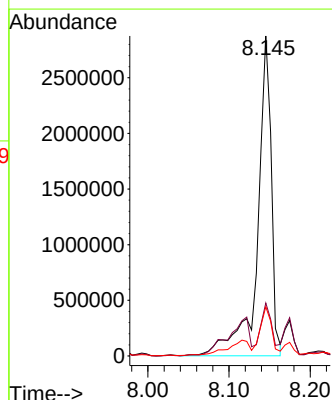
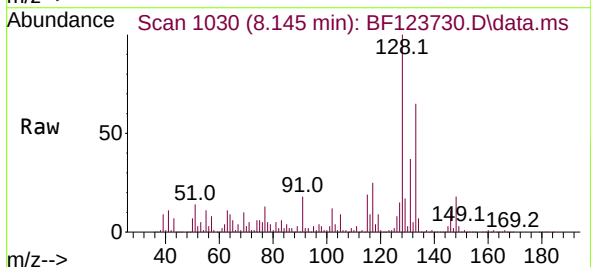
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

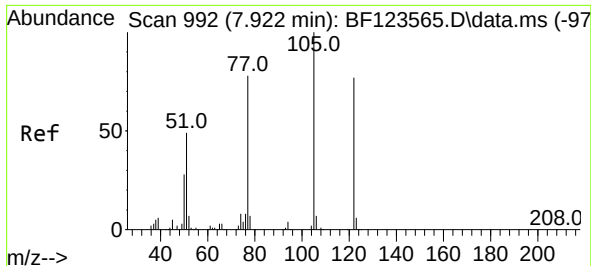
Tgt Ion:162 Resp: 48613
Ion Ratio Lower Upper
162 100
164 3.0 44.1 84.1#
98 72.2 27.3 67.3#



#31
Naphthalene
Concen: 114.28 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:128 Resp: 3427067
Ion Ratio Lower Upper
128 100
129 16.6 8.9 13.3#
127 15.4 10.8 16.2

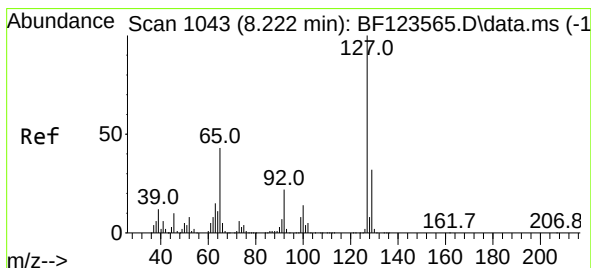
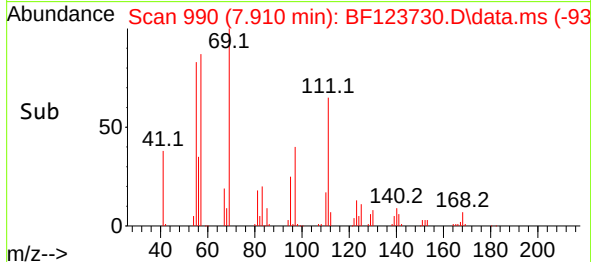
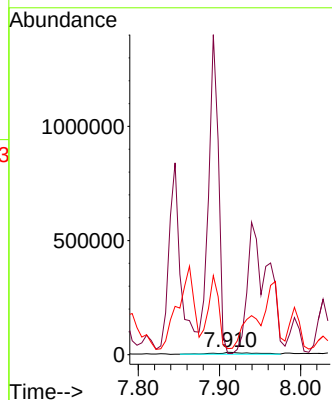
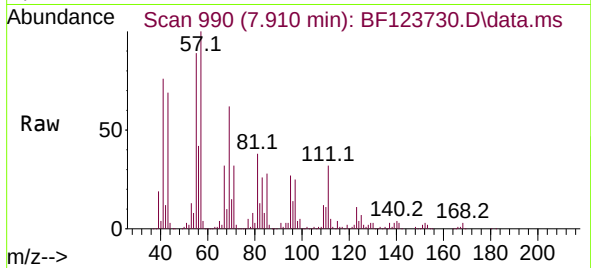




#32
Benzoic acid
Concen: 8.82 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

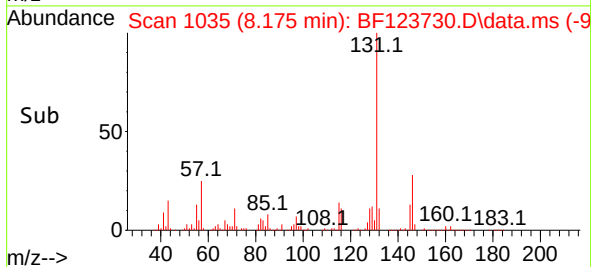
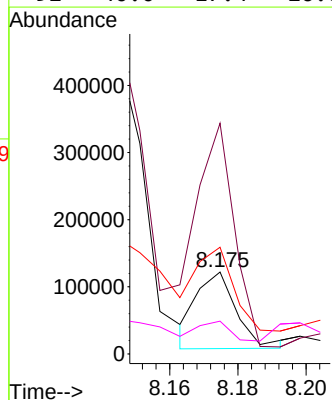
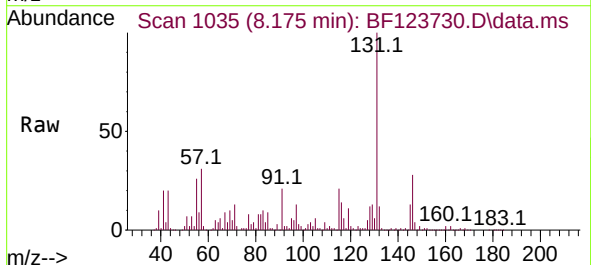
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

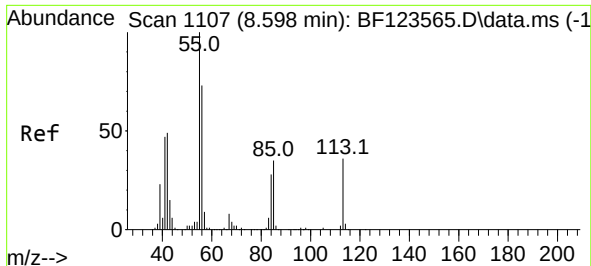
Tgt Ion:122 Resp: 26418
Ion Ratio Lower Upper
122 100
105 51.1 107.8 147.8#
77 252.7 81.6 121.6#



#33
4-Chloroaniline
Concen: 7.58 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.023 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:127 Resp: 93383
Ion Ratio Lower Upper
127 100
129 281.6 25.7 38.5#
65 130.3 34.5 51.7#
92 40.0 17.4 26.0#

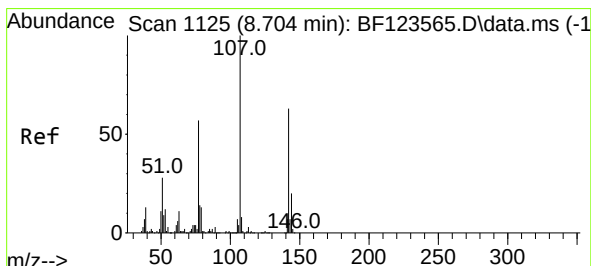
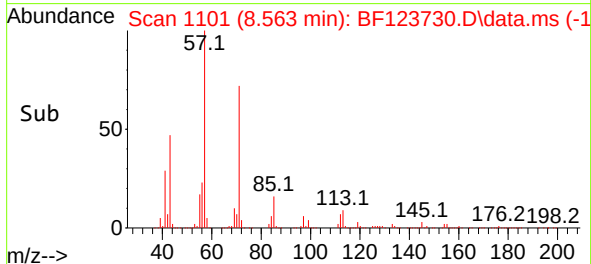
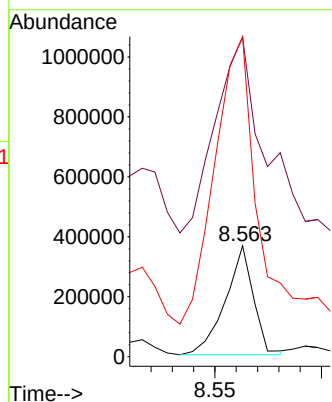
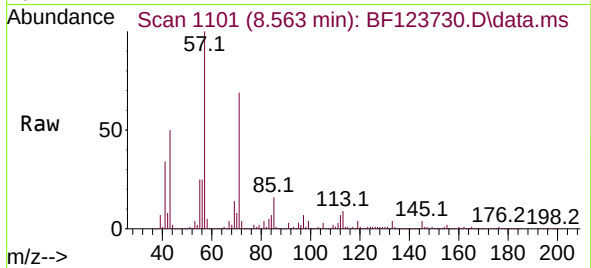




#35
 Caprolactam
 Concen: 116.35 ng
 RT: 8.563 min Scan# 1101
 Delta R.T. -0.006 min
 Lab File: BF123730.D
 Acq: 24 Apr 2021 22:01

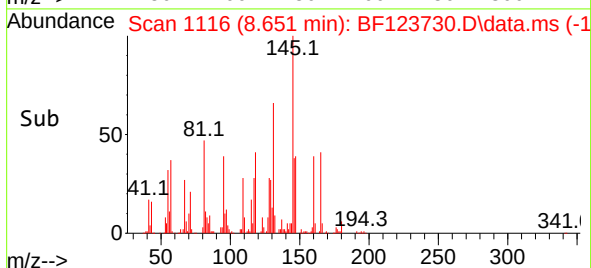
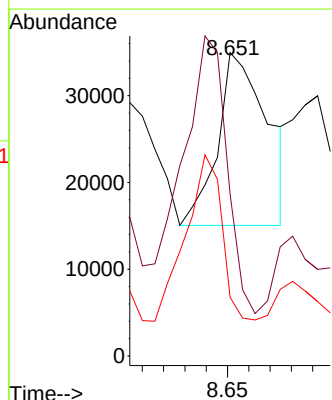
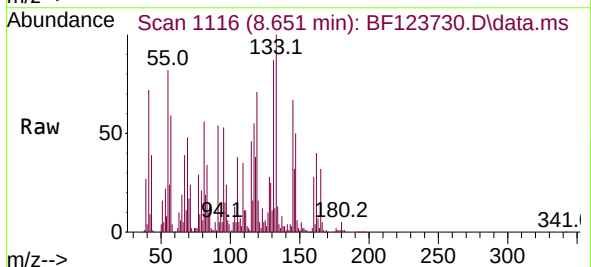
Instrument :
 BNA_F
 ClientSampleId :
 105-SB-2(S)

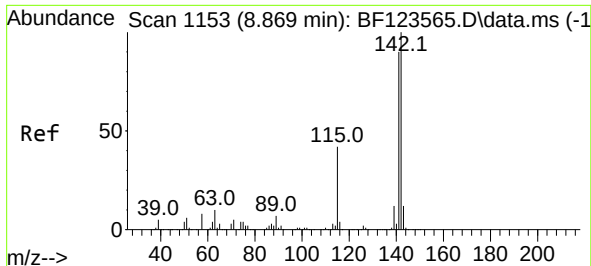
Tgt Ion:113 Resp: 332569
 Ion Ratio Lower Upper
 113 100
 55 288.2 254.9 294.9
 56 288.6 179.4 219.4#



#36
 4-Chloro-3-methylphenol
 Concen: 3.03 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. -0.029 min
 Lab File: BF123730.D
 Acq: 24 Apr 2021 22:01

Tgt Ion:107 Resp: 32188
 Ion Ratio Lower Upper
 107 100
 144 53.2 16.3 24.5#
 142 19.3 50.1 75.1#

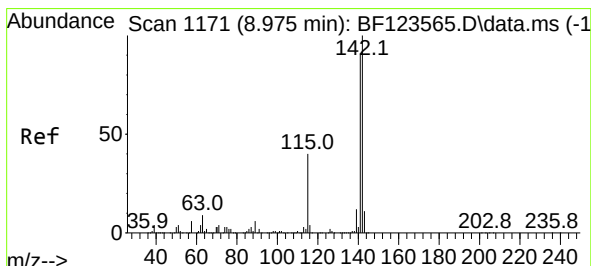
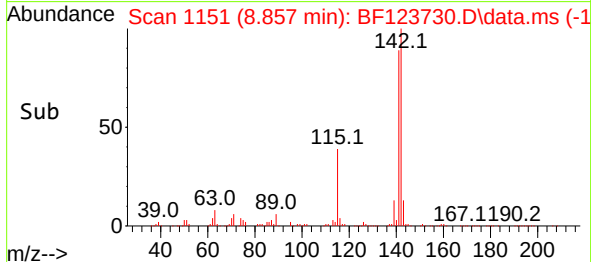
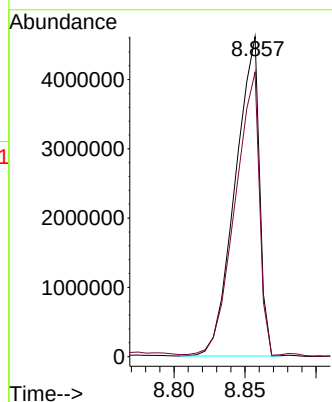
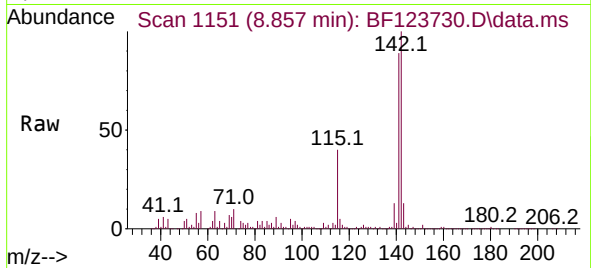




#37
2-Methylnaphthalene
Concen: 277.38 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.018 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

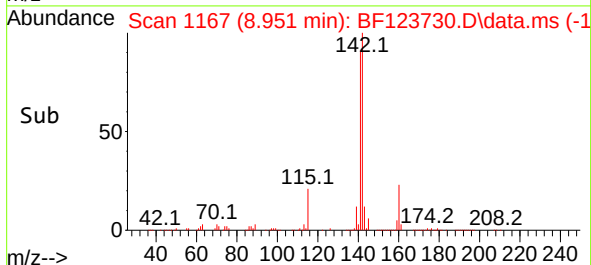
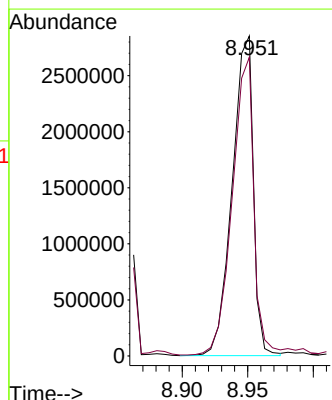
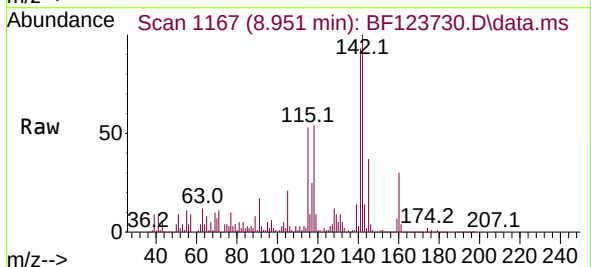
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

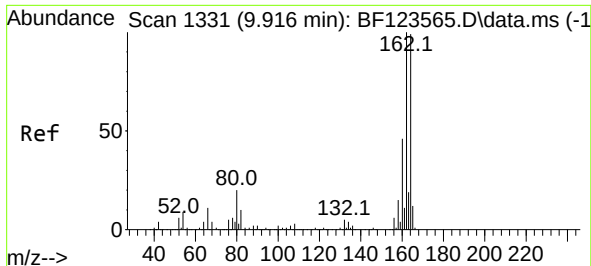
Tgt Ion:142 Resp: 5454307
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.6



#38
1-Methylnaphthalene
Concen: 171.77 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:142 Resp: 3195687
Ion Ratio Lower Upper
142 100
141 93.4 72.8 109.2

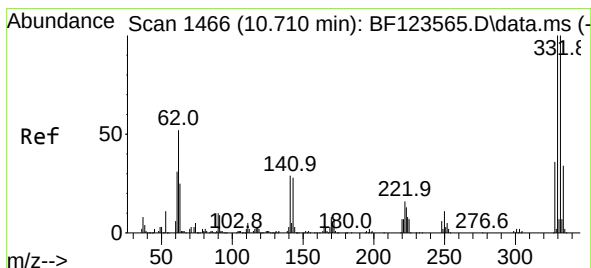
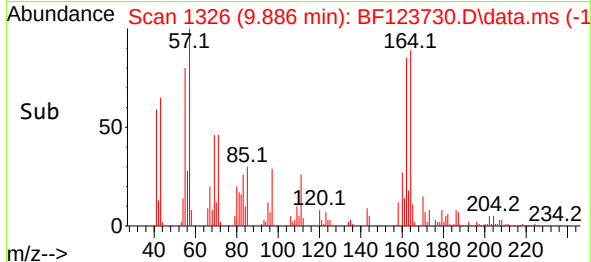
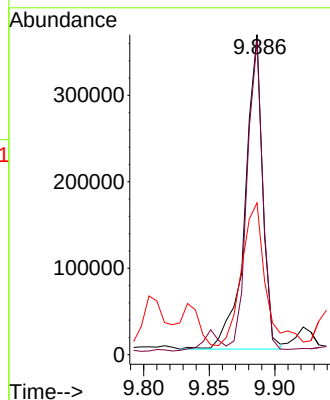
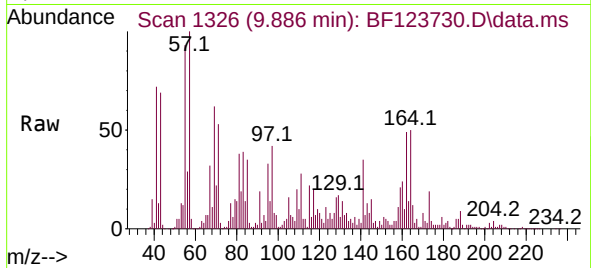




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

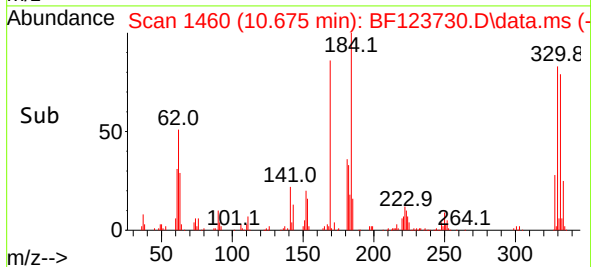
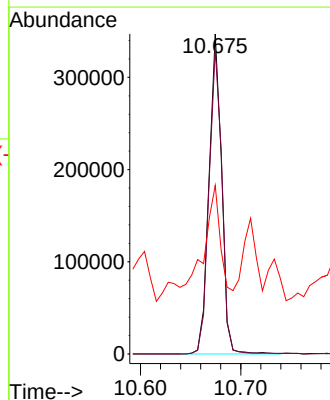
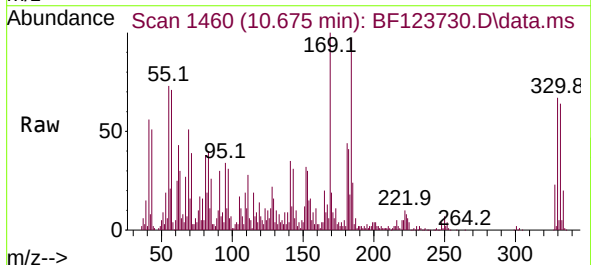
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

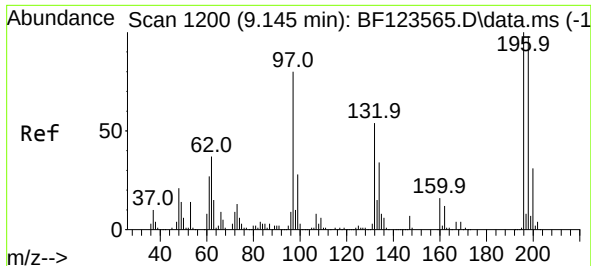
Tgt Ion:164 Resp: 341112
Ion Ratio Lower Upper
164 100
162 98.0 80.7 121.1
160 47.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 79.05 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:330 Resp: 305342
Ion Ratio Lower Upper
330 100
332 97.8 77.1 115.7
141 37.8 27.9 41.9

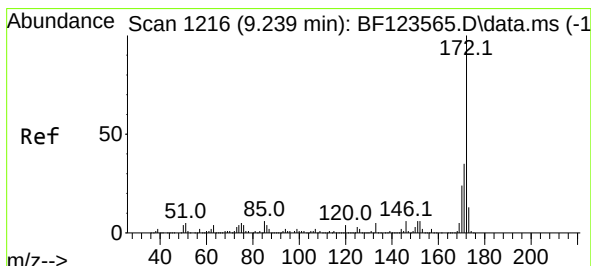
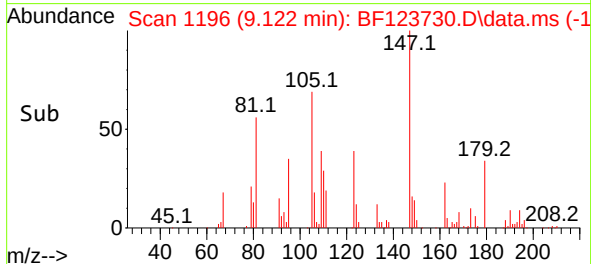
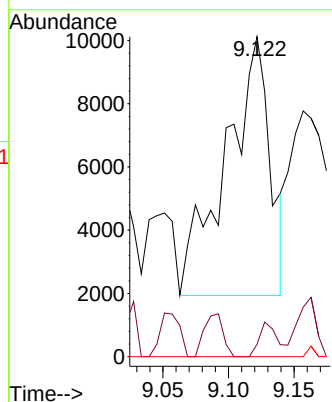
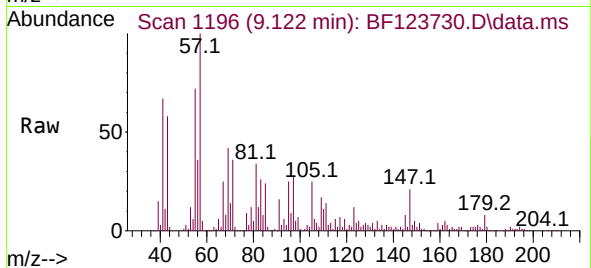




#43
2,4,6-Trichlorophenol
Concen: 3.00 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

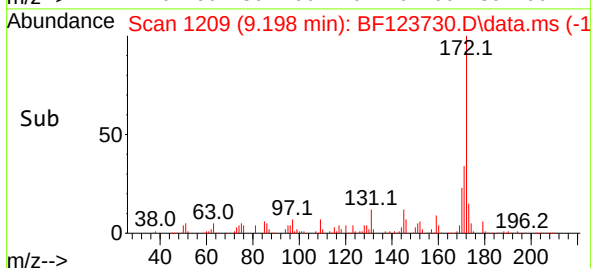
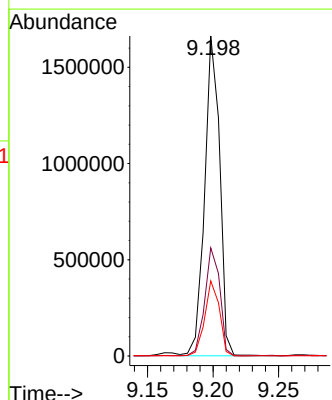
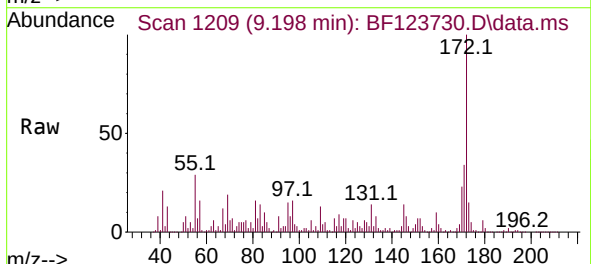
Instrument :
BNA_F
ClientSampled :
105-SB-2(S)

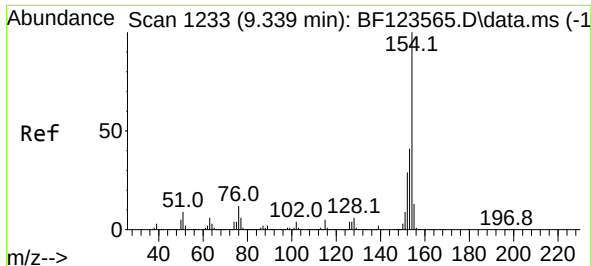
Tgt Ion:196 Resp: 19177
Ion Ratio Lower Upper
196 100
198 3.8 78.2 117.2#
200 0.0 25.0 37.6#



#45
2-Fluorobiphenyl
Concen: 58.03 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:172 Resp: 1327769
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 23.5 19.2 28.8

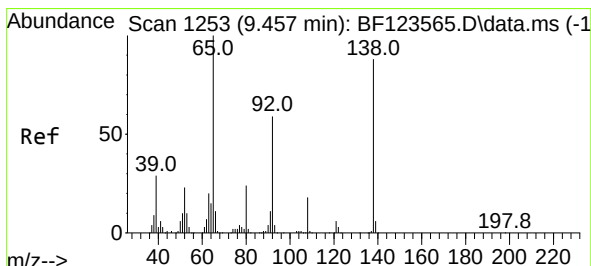
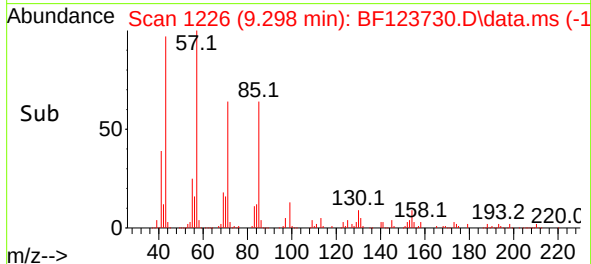
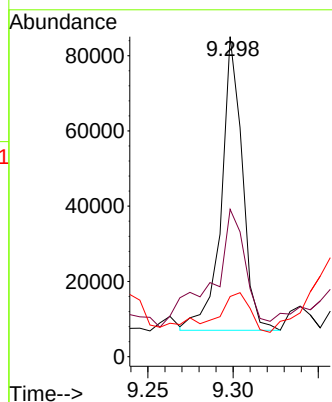
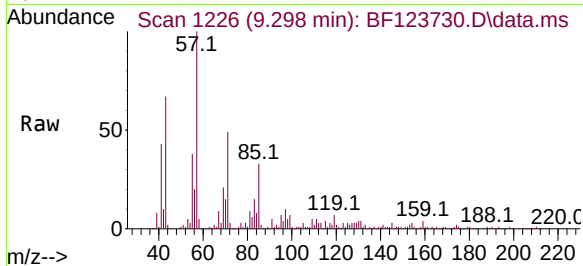




#46
1,1'-Biphenyl
Concen: 2.50 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

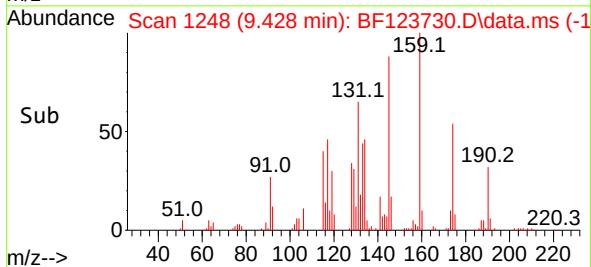
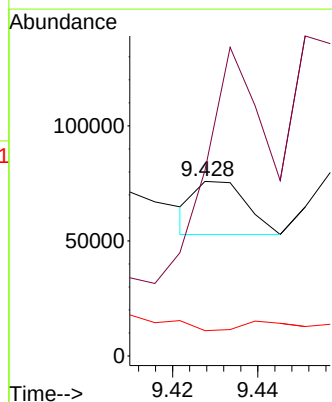
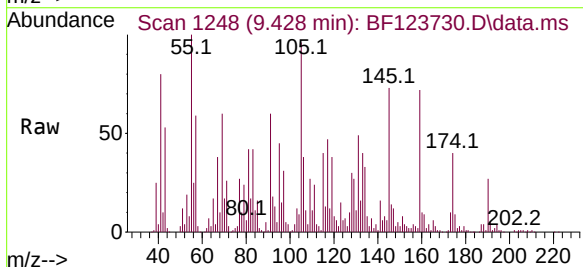
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

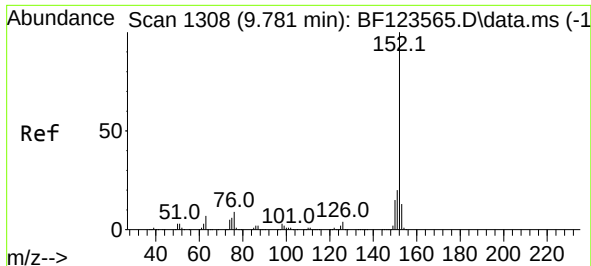
Tgt Ion:154 Resp: 66821
Ion Ratio Lower Upper
154 100
153 46.1 20.7 60.7
76 18.8 0.0 31.7



#48
2-Nitroaniline
Concen: 2.29 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion: 65 Resp: 19158
Ion Ratio Lower Upper
65 100
92 106.3 47.1 70.7#
138 14.5 70.2 105.2#





#49

Acenaphthylene

Concen: 4.41 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

Tgt Ion:152 Resp: 144782

Ion Ratio Lower Upper

152 100

151 45.6 16.0 24.0#

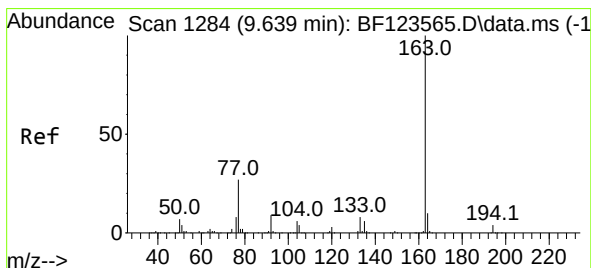
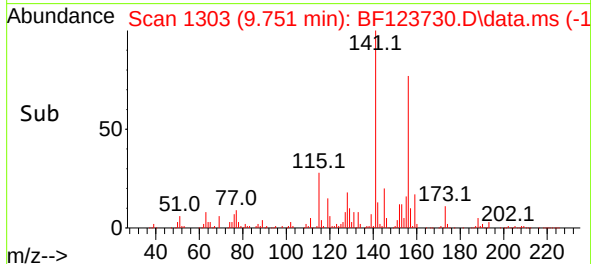
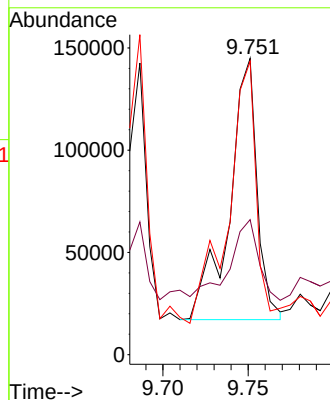
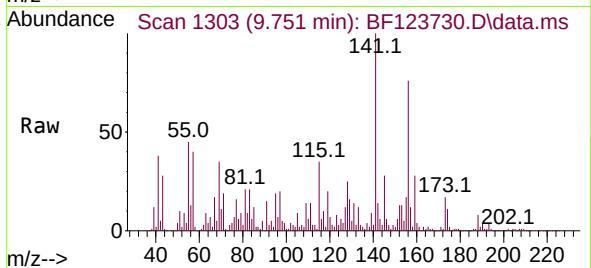
153 99.0 10.4 15.6#

Instrument :

BNA_F

ClientSampled :

105-SB-2(S)



#50

Dimethylphthalate

Concen: 2.67 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.018 min

Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

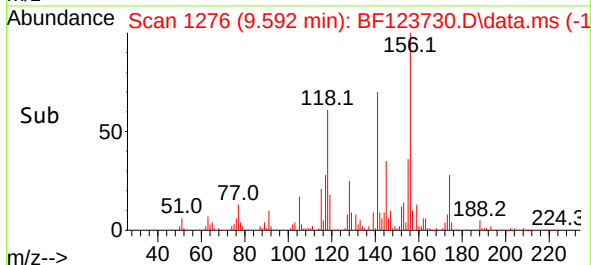
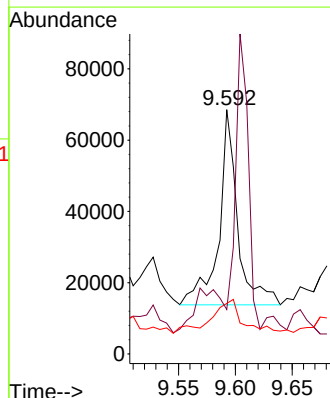
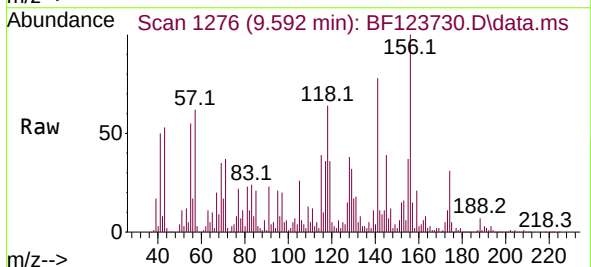
Tgt Ion:163 Resp: 62981

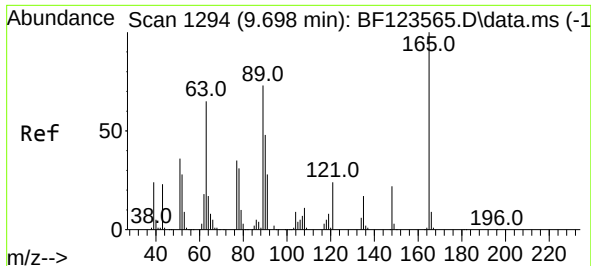
Ion Ratio Lower Upper

163 100

194 18.2 3.1 4.7#

164 20.7 8.2 12.2#

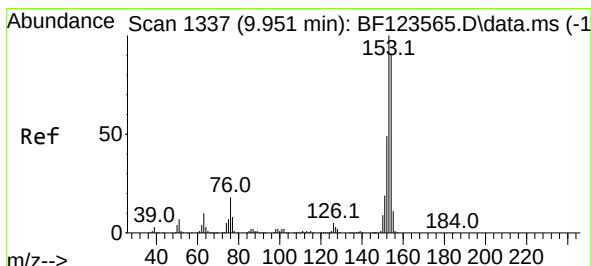
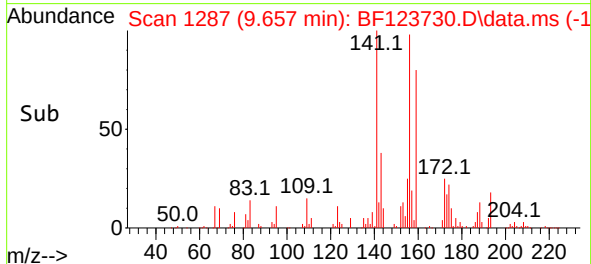
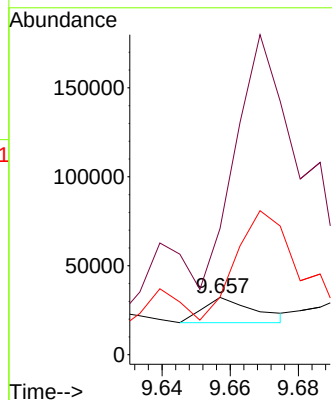
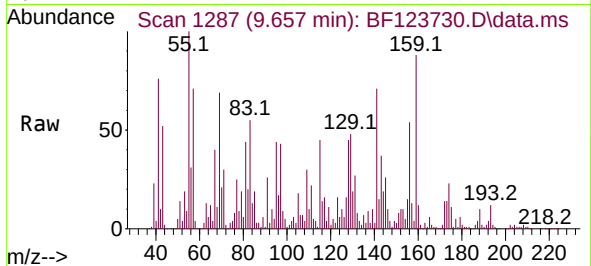




#51
2,6-Dinitrotoluene
Concen: 2.90 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

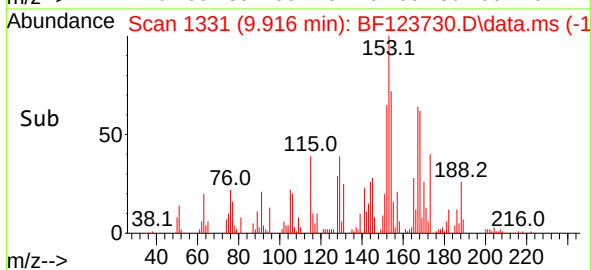
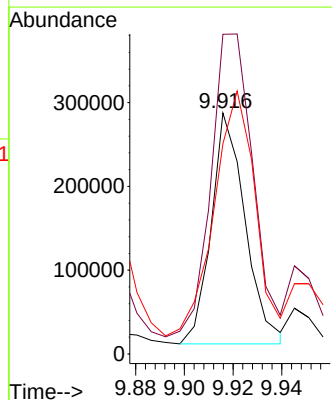
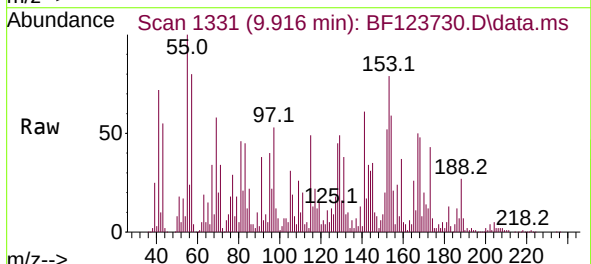
Instrument :
BNA_F
ClientSampled :
105-SB-2(S)

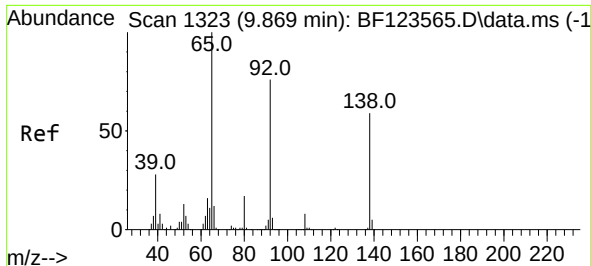
Tgt Ion:165 Resp: 14998
Ion Ratio Lower Upper
165 100
63 220.5 67.7 101.5#
89 100.5 58.8 88.2#



#52
Acenaphthene
Concen: 12.68 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:154 Resp: 267326
Ion Ratio Lower Upper
154 100
153 132.6 88.1 132.1#
152 87.2 43.4 65.0#

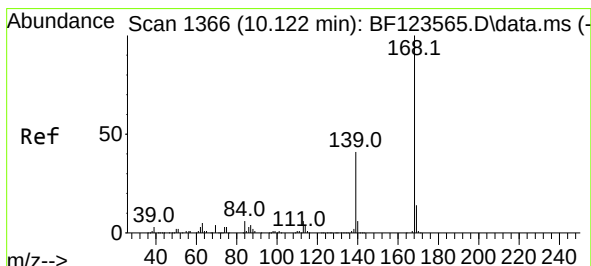
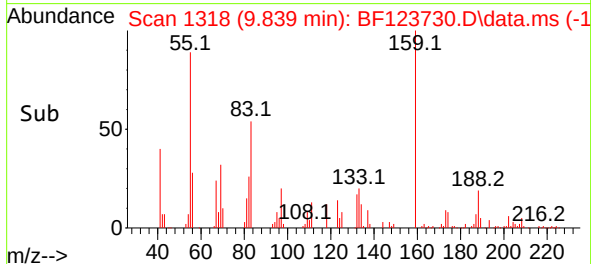
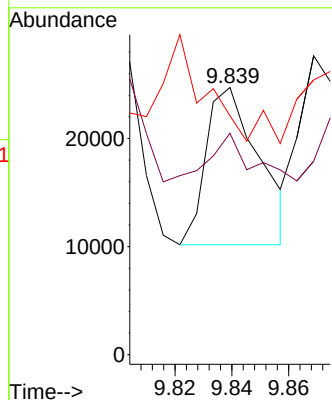
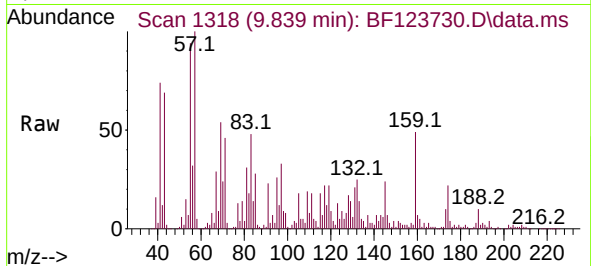




#53
3-Nitroaniline
Concen: 3.13 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

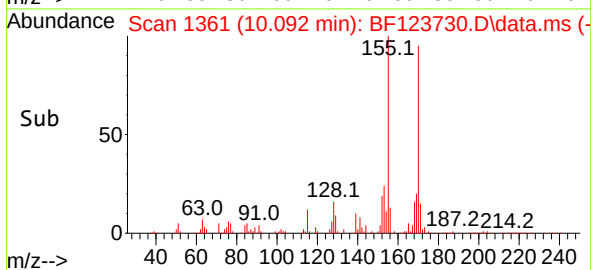
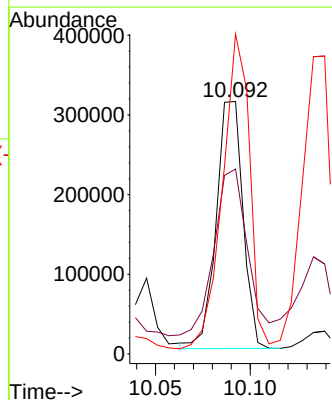
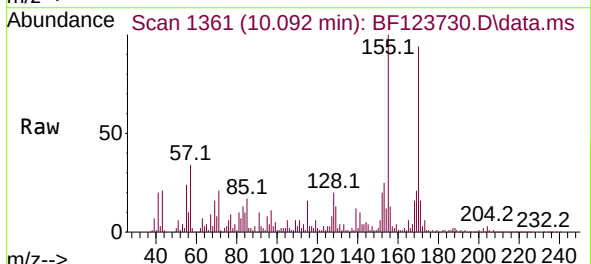
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

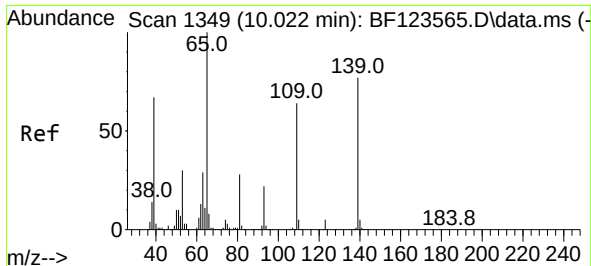
Tgt Ion:138 Resp: 18769
Ion Ratio Lower Upper
138 100
108 82.9 10.2 15.4#
92 89.4 103.3 154.9#



#55
Dibenzofuran
Concen: 10.10 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:168 Resp: 305535
Ion Ratio Lower Upper
168 100
139 73.2 33.2 49.8#
169 126.7 10.8 16.2#

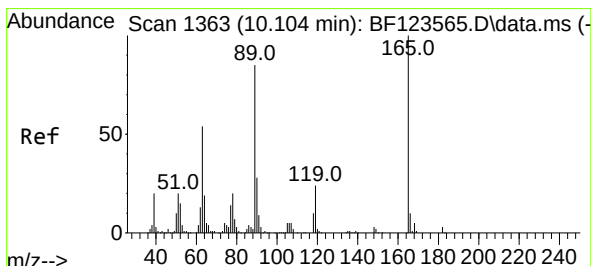
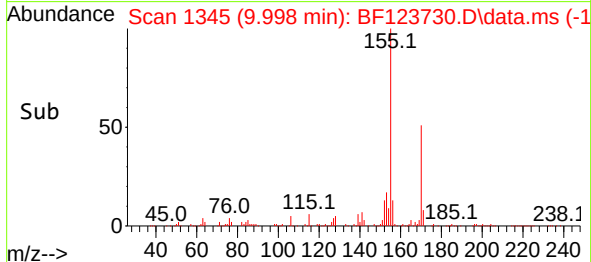
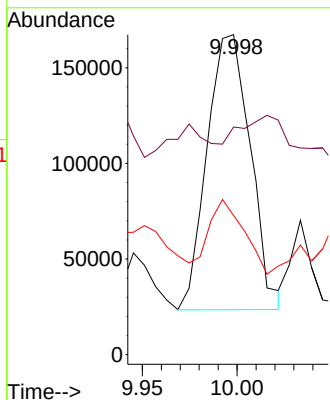
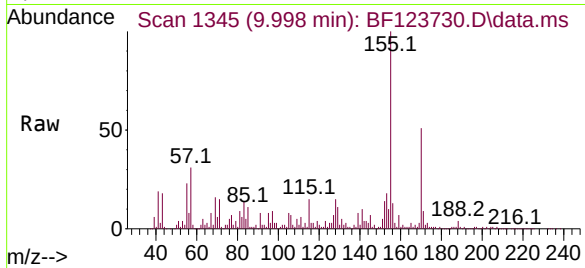




#56
4-Nitrophenol
Concen: 49.68 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

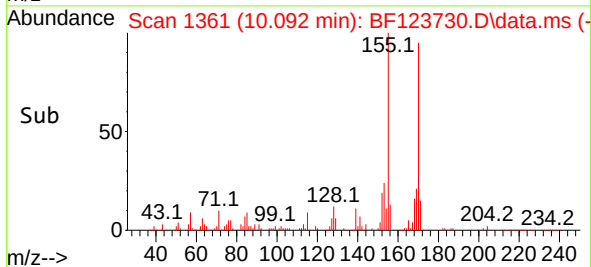
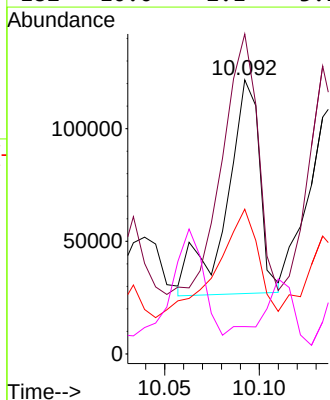
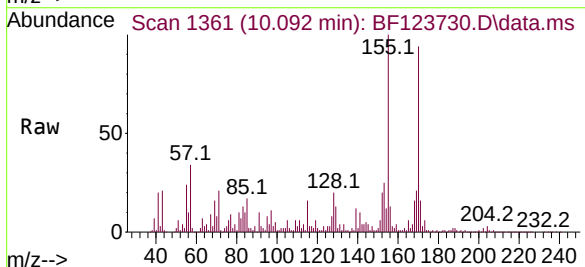
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

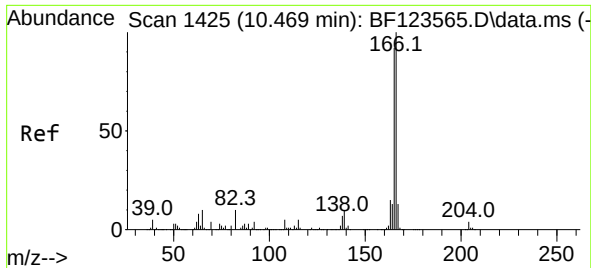
Tgt Ion:139 Resp: 228427
Ion Ratio Lower Upper
139 100
109 71.1 63.2 103.2
65 43.5 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 16.81 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.018 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:165 Resp: 116117
Ion Ratio Lower Upper
165 100
63 116.7 43.5 65.3#
89 52.8 67.7 101.5#
182 10.0 2.1 3.1#

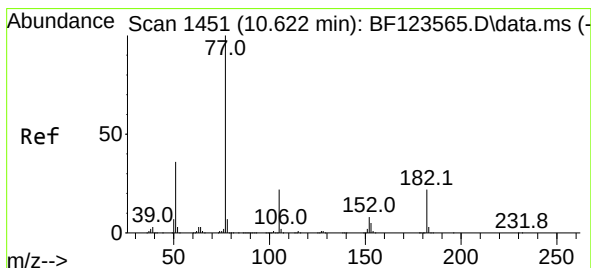
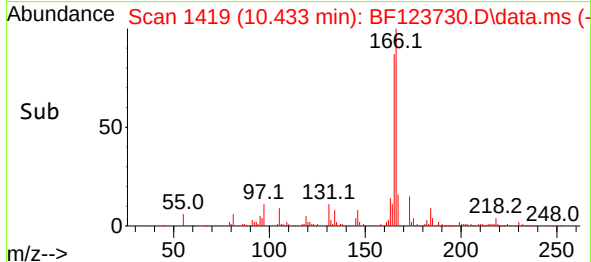
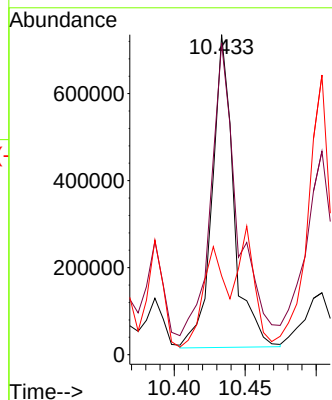
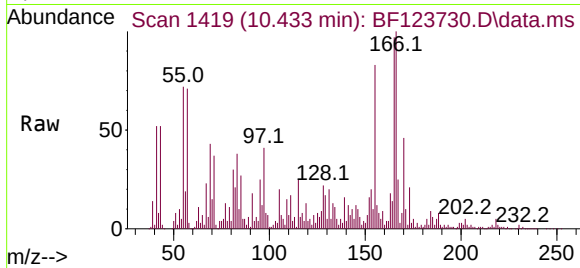




#58
Fluorene
Concen: 31.95 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

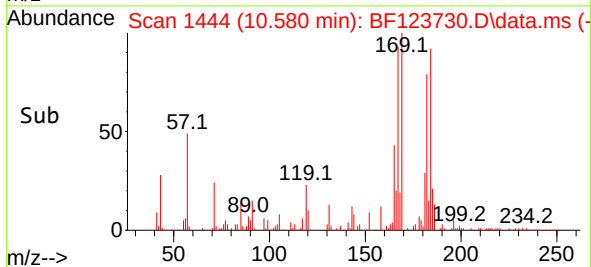
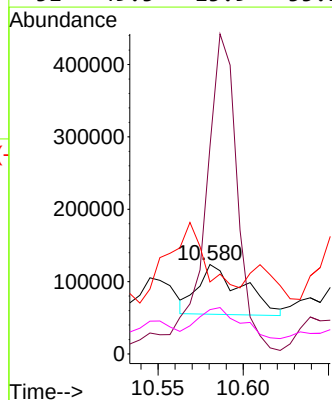
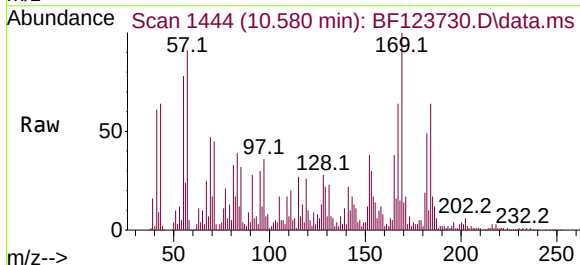
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

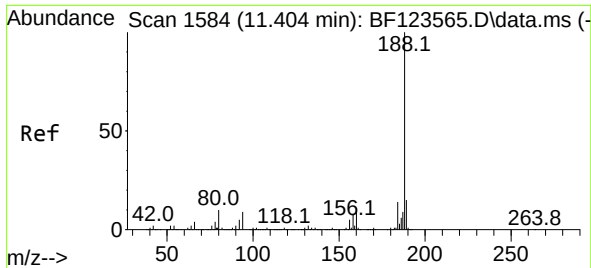
Tgt Ion:166 Resp: 759719
Ion Ratio Lower Upper
166 100
165 97.3 73.5 110.3
167 24.6 10.7 16.1#



#63
Azobenzene
Concen: 4.26 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion: 77 Resp: 124560
Ion Ratio Lower Upper
77 100
182 231.7 1.7 41.7#
105 80.4 1.7 41.7#
51 49.5 15.9 55.9

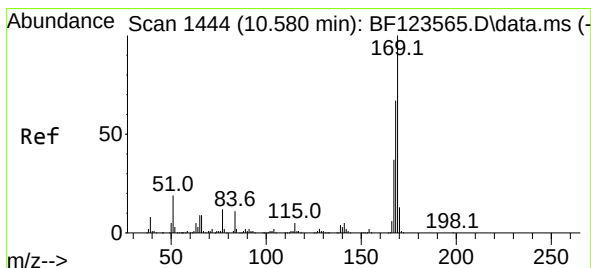
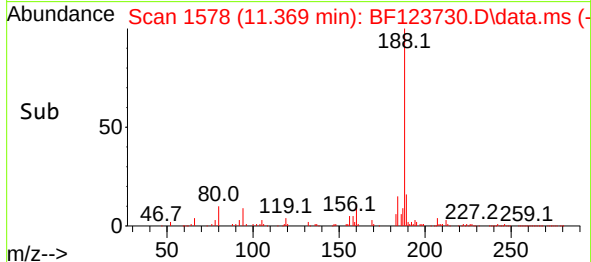
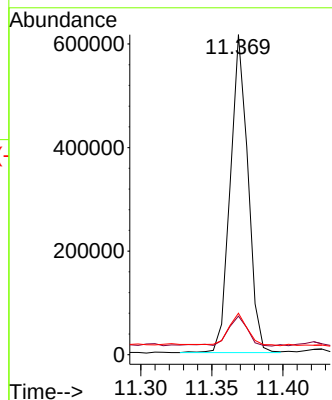
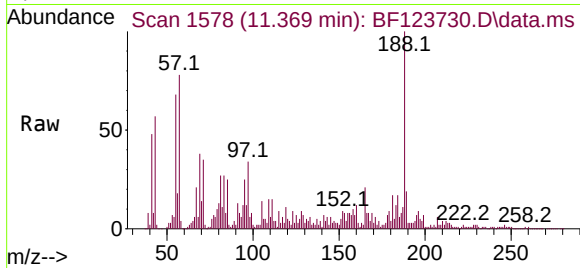




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

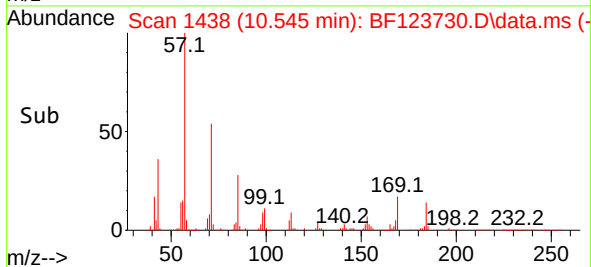
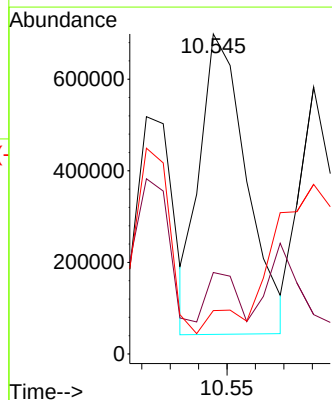
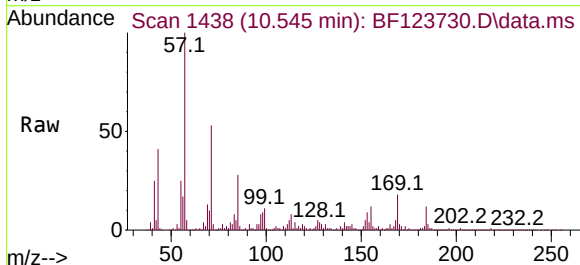
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

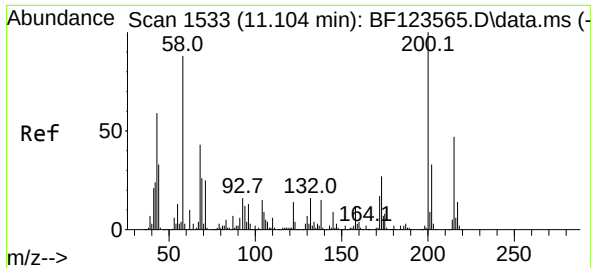
Tgt Ion:188 Resp: 530705
Ion Ratio Lower Upper
188 100
94 12.0 6.9 10.3#
80 12.9 8.2 12.2#



#66
n-Nitrosodiphenylamine
Concen: 44.27 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:169 Resp: 752122
Ion Ratio Lower Upper
169 100
168 25.5 53.3 79.9#
167 13.5 29.9 44.9#

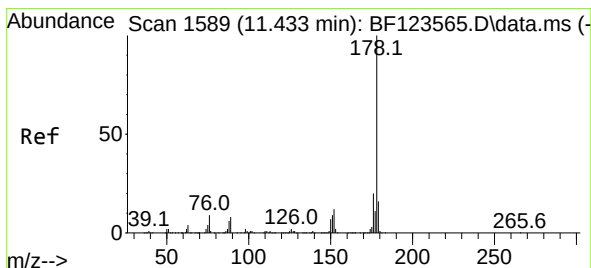
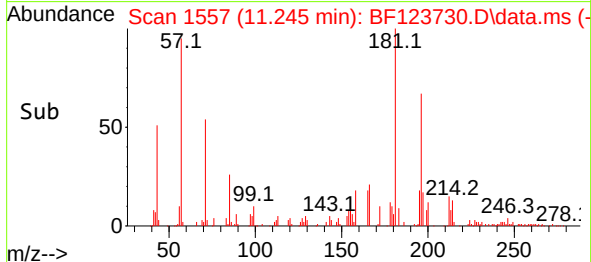
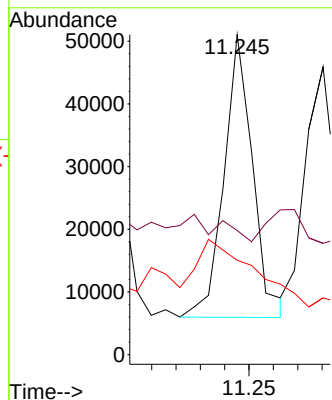
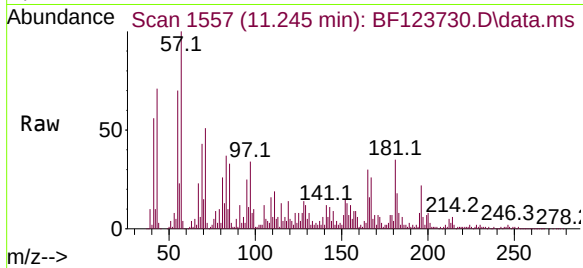




#69
Atrazine
Concen: 6.95 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.171 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

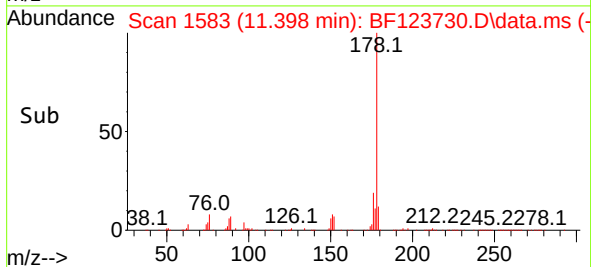
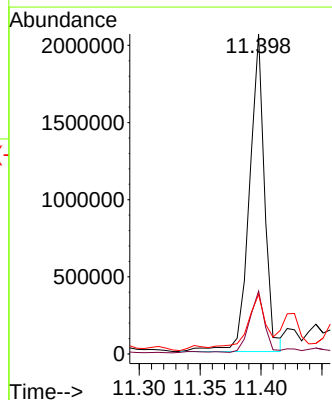
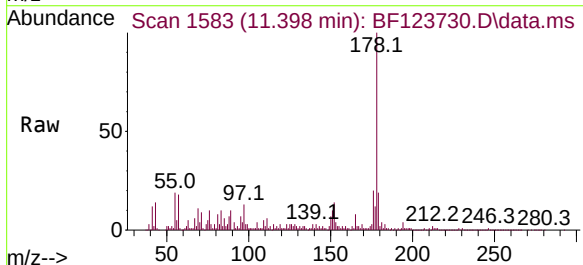
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

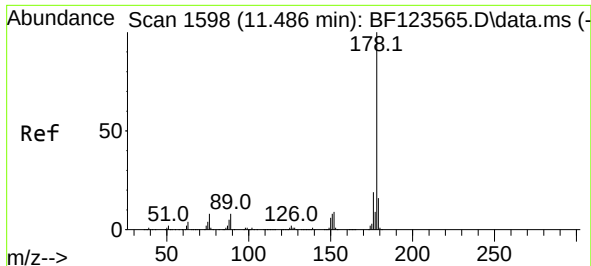
Tgt Ion:200 Resp: 36810
Ion Ratio Lower Upper
200 100
173 38.8 6.9 46.9
215 29.5 26.5 66.5



#71
Phenanthrene
Concen: 64.75 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:178 Resp: 1793284
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 18.6 12.5 18.7

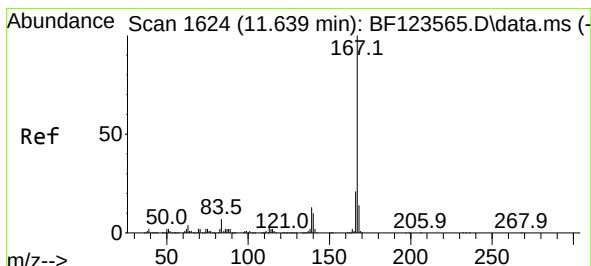
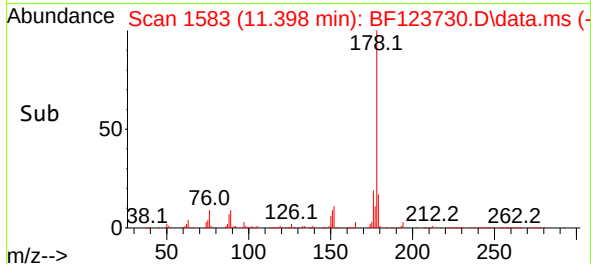
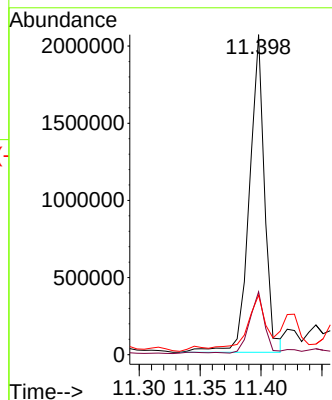
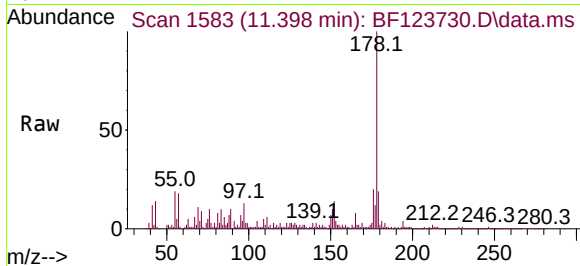




#72
 Anthracene
 Concen: 64.78 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. -0.053 min
 Lab File: BF123730.D
 Acq: 24 Apr 2021 22:01

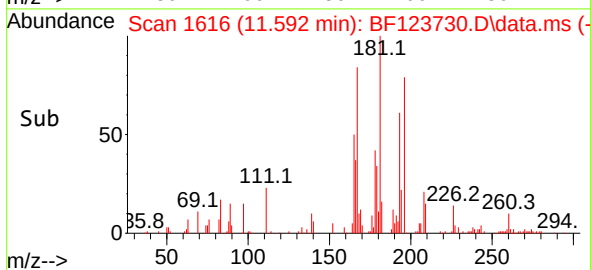
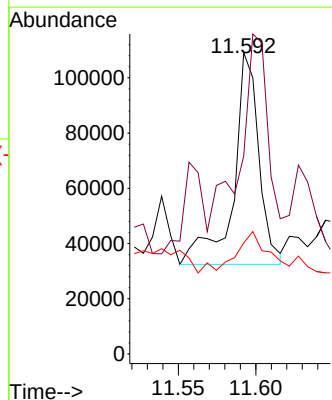
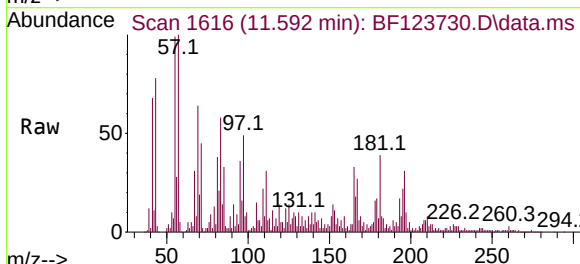
Instrument :
 BNA_F
 ClientSampleId :
 105-SB-2(S)

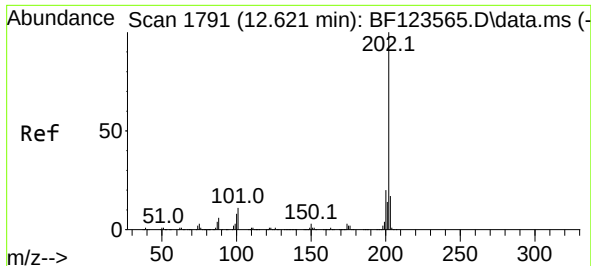
Tgt Ion:178 Resp: 1793284
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.0
 179 18.6 12.6 18.8



#73
 Carbazole
 Concen: 3.16 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.012 min
 Lab File: BF123730.D
 Acq: 24 Apr 2021 22:01

Tgt Ion:167 Resp: 87188
 Ion Ratio Lower Upper
 167 100
 166 65.7 17.0 25.6#
 139 36.9 10.4 15.6#

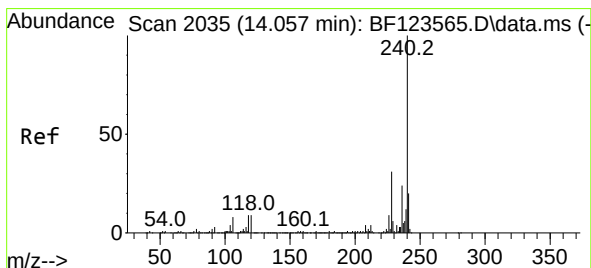
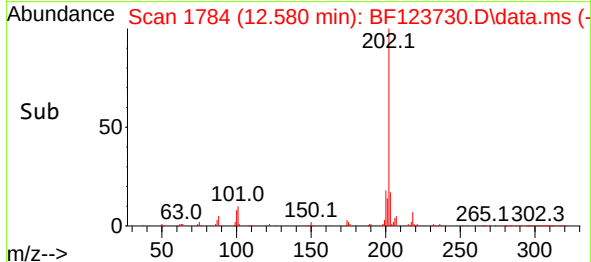
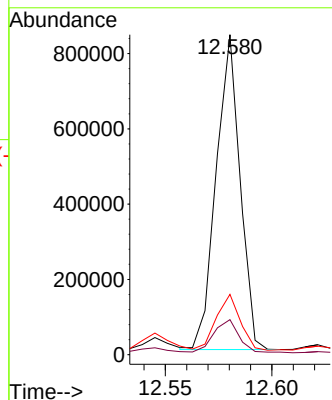
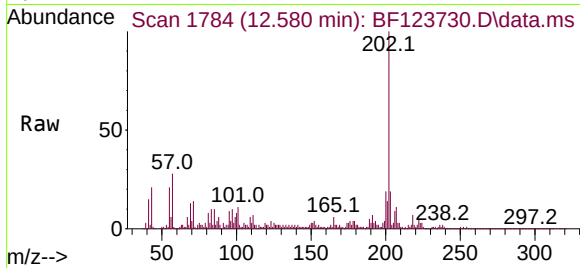




#75
Fluoranthene
Concen: 21.47 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

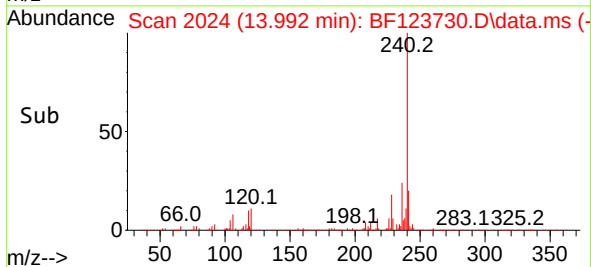
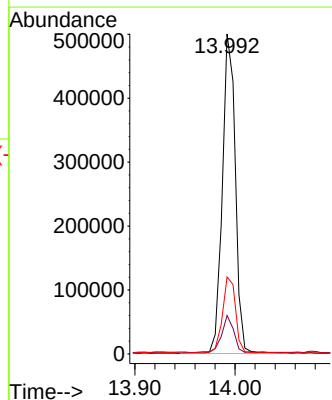
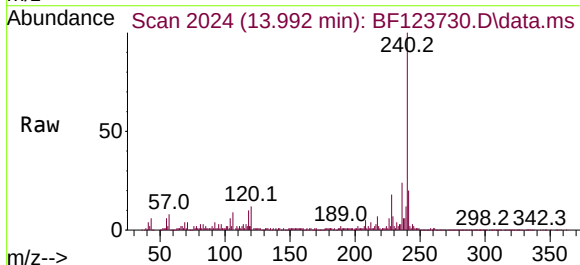
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

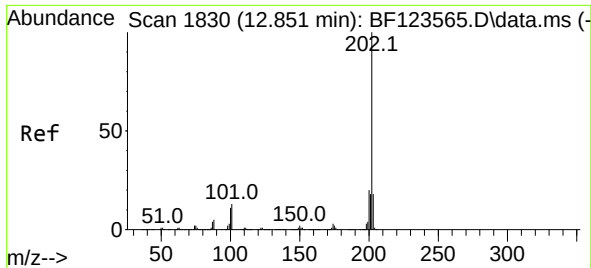
Tgt Ion:202 Resp: 653480
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.9
203 18.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.029 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:240 Resp: 448099
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 24.1 19.0 28.4

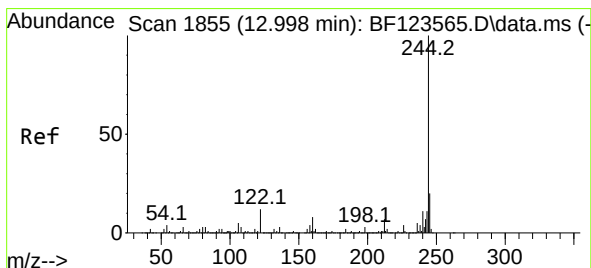
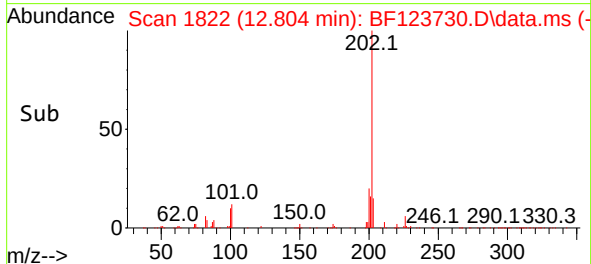
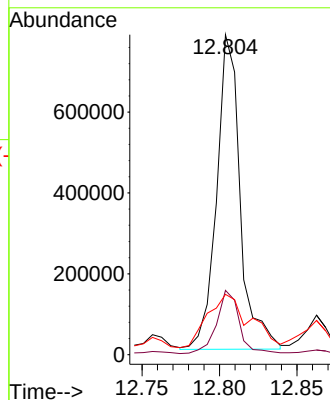
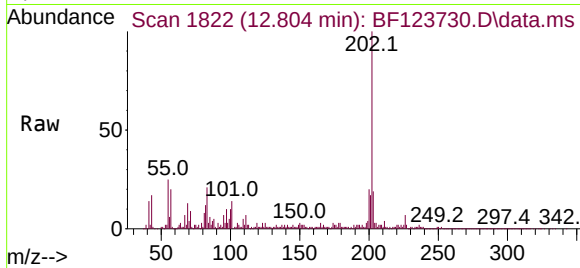




#78
Pyrene
Concen: 25.24 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.018 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

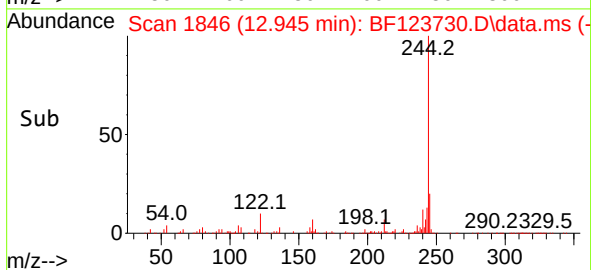
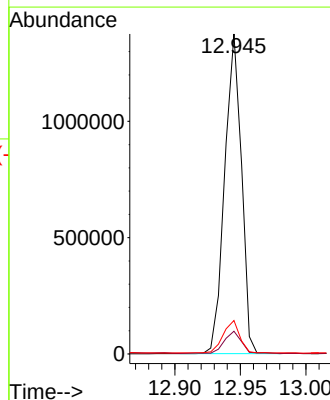
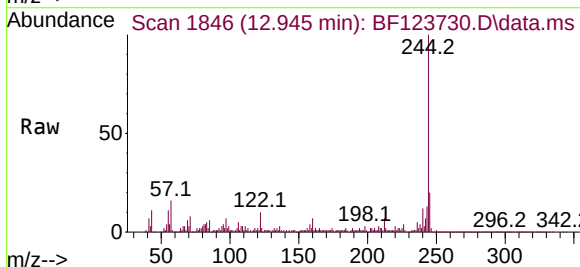
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

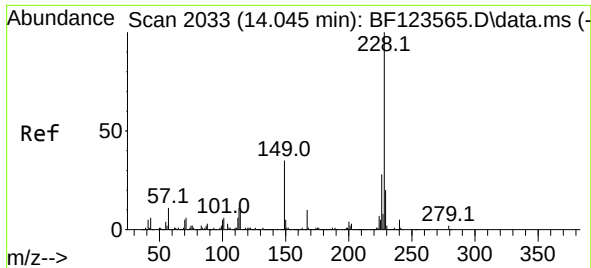
Tgt Ion:202	Resp: 825364
Ion Ratio	Lower Upper
202 100	
200 20.1	16.1 24.1
203 18.9	14.8 22.2



#79
Terphenyl-d14
Concen: 52.84 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.018 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:244	Resp: 1218155
Ion Ratio	Lower Upper
244 100	
212 7.1	5.7 8.5
122 10.4	9.7 14.5

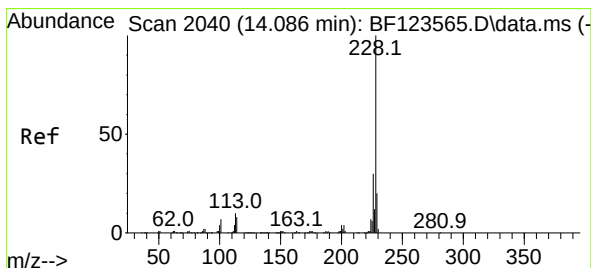
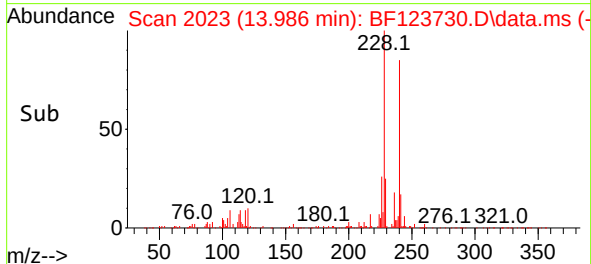
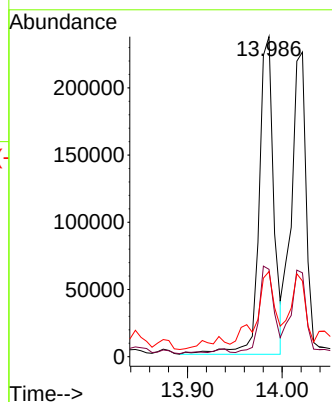
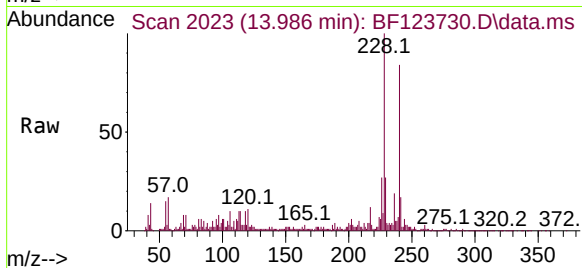




#81
Benzo(a)anthracene
Concen: 9.28 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.023 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

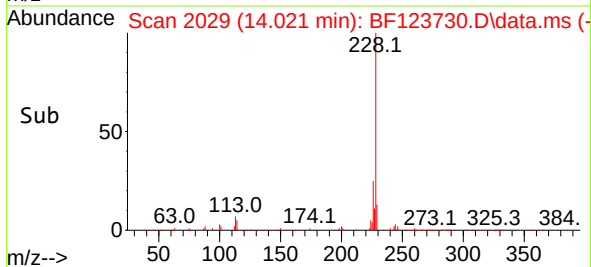
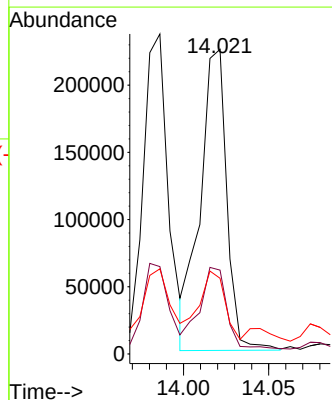
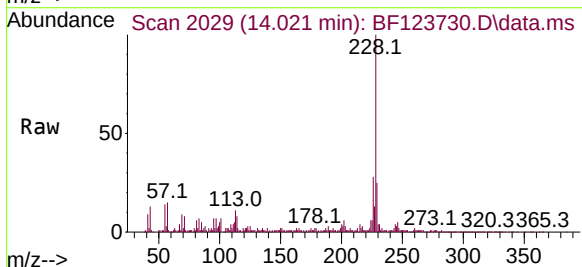
Instrument :
BNA_F
ClientSampled :
105-SB-2(S)

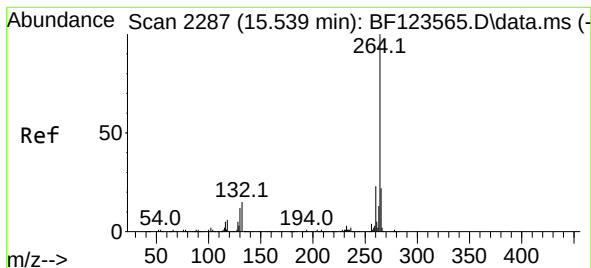
Tgt Ion:228 Resp: 254935
Ion Ratio Lower Upper
228 100
226 27.3 22.4 33.6
229 26.6 16.0 24.0#



#83
Chrysene
Concen: 8.85 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.029 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:228 Resp: 243993
Ion Ratio Lower Upper
228 100
226 27.5 24.3 36.5
229 24.8 16.2 24.2#

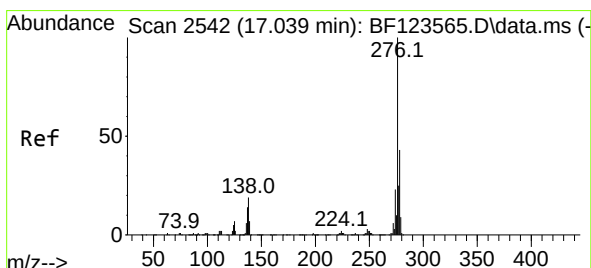
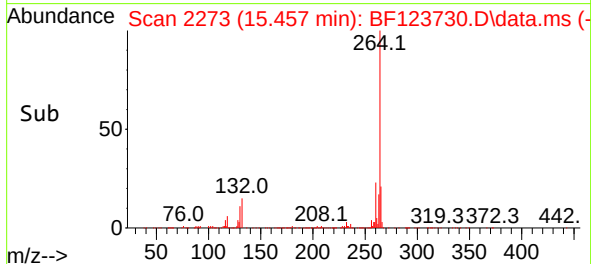
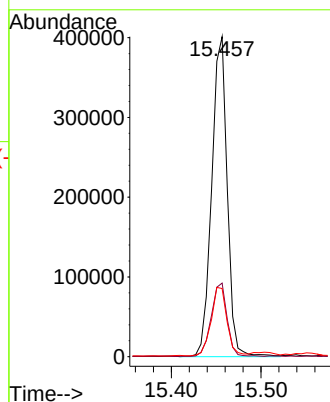
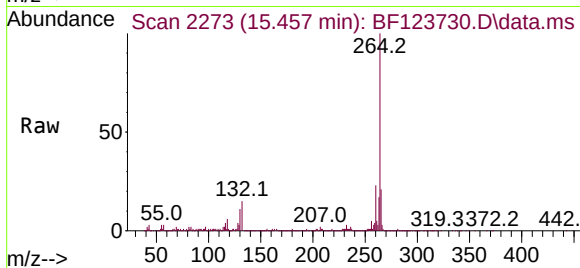




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.035 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

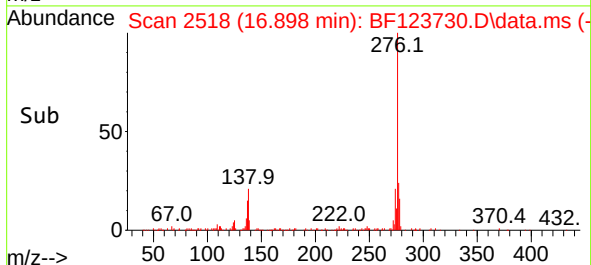
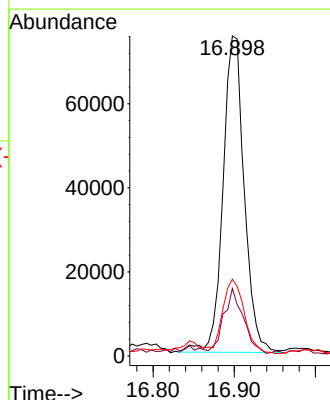
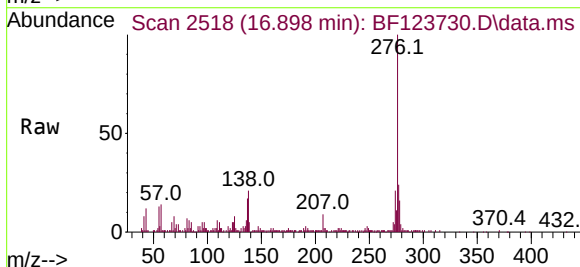
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

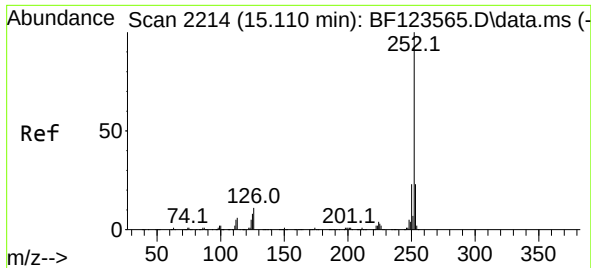
Tgt Ion:264 Resp: 481976
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.3 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.34 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.076 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:276 Resp: 137309
Ion Ratio Lower Upper
276 100
138 19.5 16.2 24.2
277 24.2 20.1 30.1

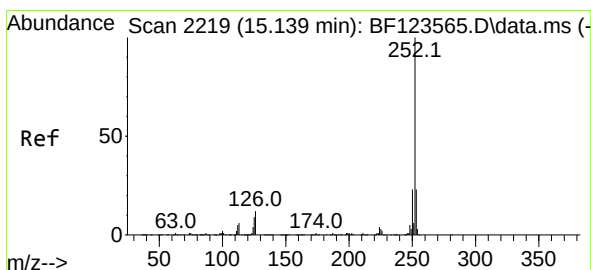
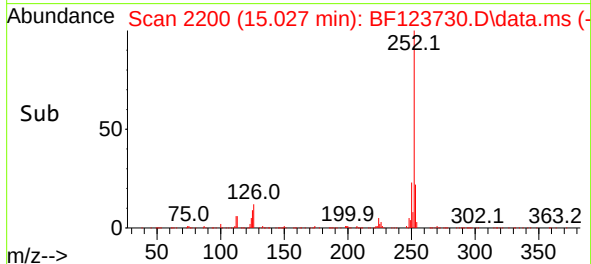
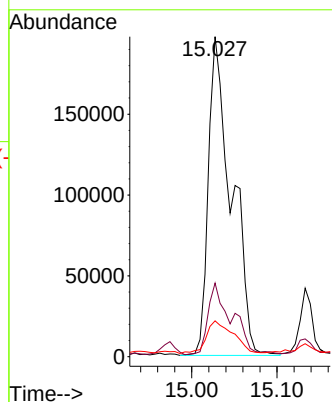
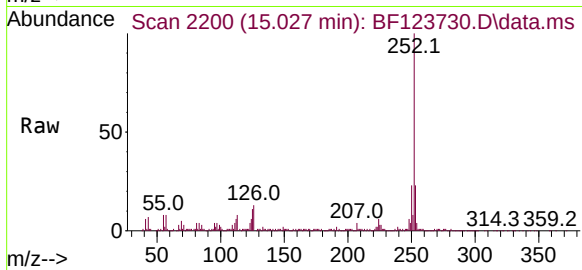




#88
Benzo(b)fluoranthene
Concen: 10.97 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.041 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

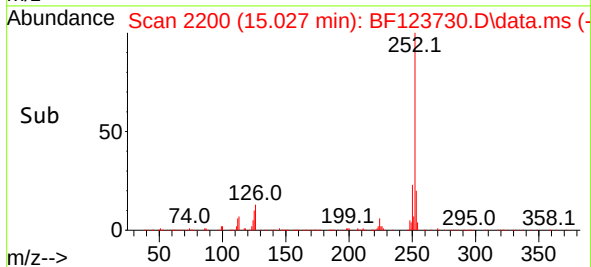
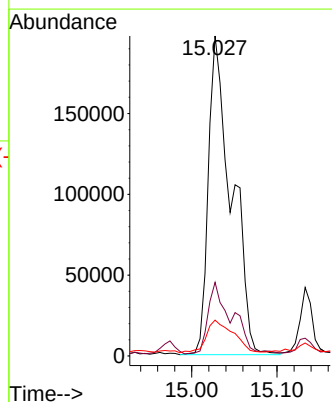
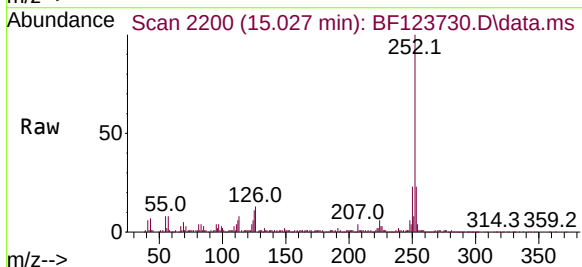
Instrument :
BNA_F
ClientSampleId :
105-SB-2(S)

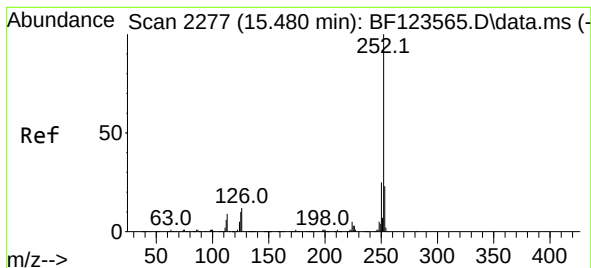
Tgt Ion:252 Resp: 373278
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.2 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 11.05 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.070 min
Lab File: BF123730.D
Acq: 24 Apr 2021 22:01

Tgt Ion:252 Resp: 373278
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 11.2 7.0 10.6#





#90

Benzo(a)pyrene

Concen: 7.51 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.041 min

Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

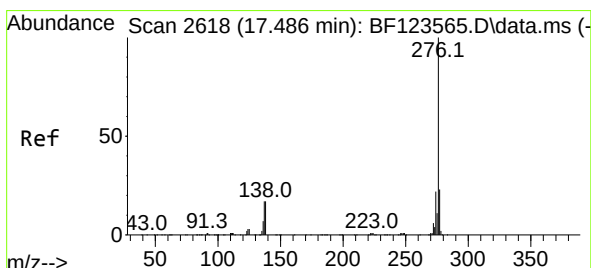
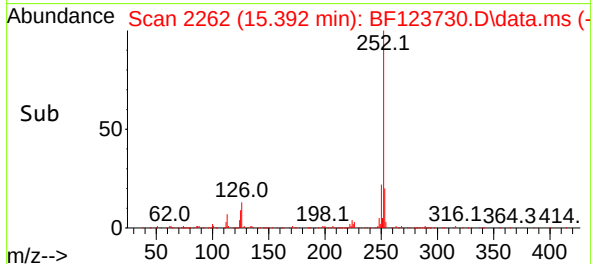
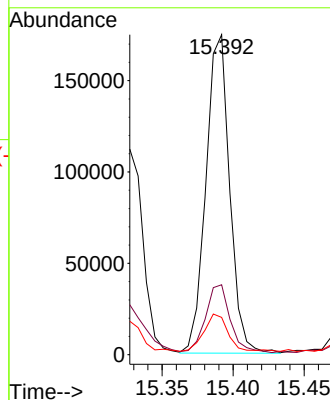
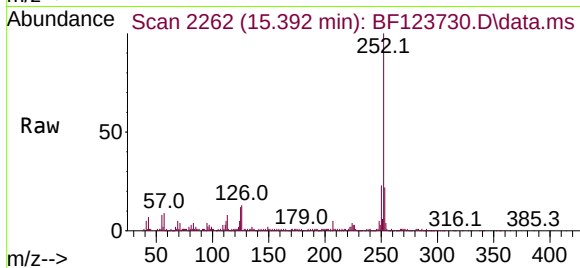
Tgt Ion:	252	Resp:	203294
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	11.6	8.0	12.0

Instrument :

BNA_F

ClientSampleId :

105-SB-2(S)



#92

Benzo(g,h,i)perylene

Concen: 6.96 ng

RT: 17.339 min Scan# 2593

Delta R.T. -0.082 min

Lab File: BF123730.D

Acq: 24 Apr 2021 22:01

Tgt Ion:	276	Resp:	126359
Ion Ratio	Lower	Upper	
276	100		
277	22.9	18.2	27.2
138	20.9	13.8	20.6

