

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128049.D
 Acq On : 03 May 2022 16:49
 Operator : CG\JU
 Sample : N2664-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-6

Quant Time: May 04 04:27:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	73720	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	209311	20.000	ng	# 0.02
39) Acenaphthene-d10	10.004	164	120174	20.000	ng	# 0.04
64) Phenanthrene-d10	11.492	188	159114	20.000	ng	# 0.04
76) Chrysene-d12	14.104	240	192778	20.000	ng	0.00
86) Perylene-d12	15.609	264	211426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	547536	118.300	ng	0.00
7) Phenol-d6	6.545	99	712498	118.638	ng	0.00
23) Nitrobenzene-d5	7.486	82	480228	107.889	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	127893	105.718	ng	0.05
45) 2-Fluorobiphenyl	9.304	172	550039	77.431	ng	0.02
79) Terphenyl-d14	13.057	244	605515	57.435	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	9438	2.540	ng	# 1
15) Benzyl Alcohol	7.069	79	15567	3.812	ng	# 44
18) Hexachloroethane	7.416	117	56892	28.038	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	65141	17.719	ng	# 69
22) Acetophenone	7.316	105	761322	149.232	ng	# 62
24) Nitrobenzene	7.498	77	57955	13.512	ng	# 35
25) Isophorone	7.739	82	184821	24.671	ng	# 1
26) 2-Nitrophenol	7.828	139	25570	13.990	ng	# 1
27) 2,4-Dimethylphenol	7.869	122	29150	9.602	ng	# 1
28) bis(2-Chloroethoxy)met...	7.963	93	31469	6.554	ng	# 1
29) 2,4-Dichlorophenol	8.045	162	32790	10.310	ng	# 6
31) Naphthalene	8.239	128	60296	5.656	ng	# 1
32) Benzoic acid	8.010	122	24485	11.252	ng	# 1
35) Caprolactam	8.651	113	296838	289.141	ng	# 33
36) 4-Chloro-3-methylphenol	8.757	107	43509	12.809	ng	# 40
37) 2-Methylnaphthalene	8.945	142	358602	50.898	ng	96
38) 1-Methylnaphthalene	9.051	142	1305434	190.627	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	8891	3.815	ng	# 14
44) 2,4,5-Trichlorophenol	9.222	196	8891	3.509	ng	# 1
46) 1,1'-Biphenyl	9.416	154	45945	5.161	ng	68
48) 2-Nitroaniline	9.539	65	8491	3.704	ng	# 40
49) Acenaphthylene	9.874	152	97366	9.393	ng	# 1
51) 2,6-Dinitrotoluene	9.780	165	14323	8.208	ng	# 58
52) Acenaphthene	10.039	154	241709	34.683	ng	# 77
53) 3-Nitroaniline	9.957	138	14824	7.650	ng	# 48
55) Dibenzofuran	10.210	168	172902	17.196	ng	# 1
56) 4-Nitrophenol	10.122	139	171433	115.861	ng	# 57
57) 2,4-Dinitrotoluene	10.222	165	84702	36.645	ng	# 52
58) Fluorene	10.563	166	448113	59.726	ng	# 84
60) Diethylphthalate	10.451	149	23545	2.979	ng	# 6
62) 4-Nitroaniline	10.422	138	15206	8.027	ng	79
63) Azobenzene	10.704	77	64557	7.424	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.574	198	4025	4.257	ng	# 1
66) n-Nitrosodiphenylamine	10.645	169	302014	61.001	ng	# 76
69) Atrazine	11.186	200	15764	10.297	ng	# 51
71) Phenanthrene	11.521	178	1017556	122.172	ng	# 96

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QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	11.568	178	121205	14.609	ng	# 50
73) Carbazole	11.716	167	34983	4.375	ng	# 1
75) Fluoranthene	12.698	202	55284	6.307	ng	71
78) Pyrene	12.927	202	235876	15.157	ng	# 86
81) Benzo(a)anthracene	14.115	228	40506	3.152	ng	# 30
83) Chrysene	14.115	228	39208	3.195	ng	# 37

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

BNA F

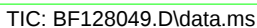
BNA F

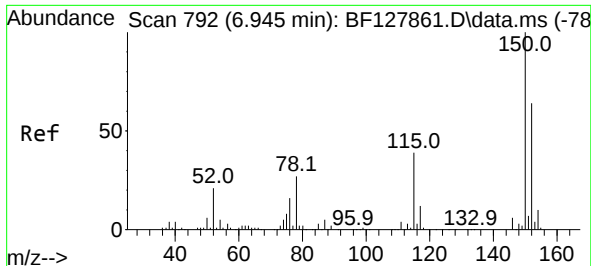
S-6

Quant Time: May 04 04:27:05 2022

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Response via : Initial Calibration

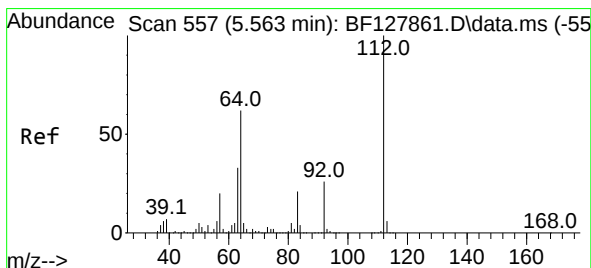
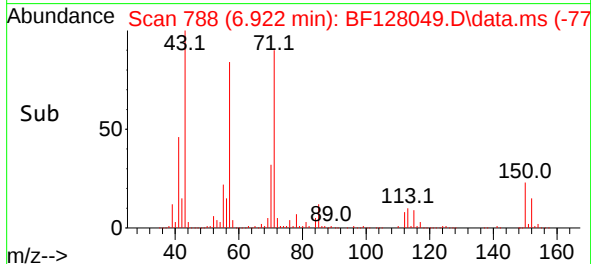
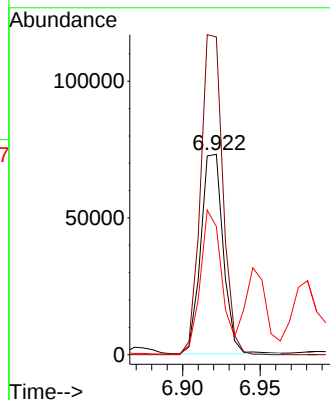
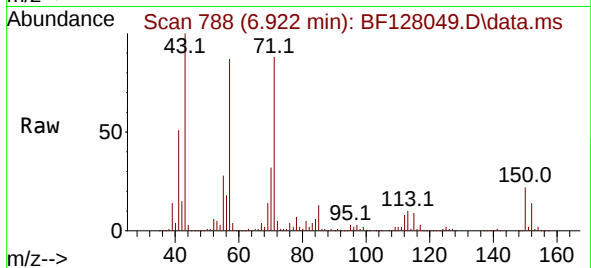




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.922 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

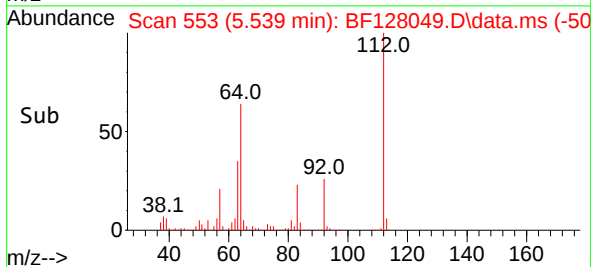
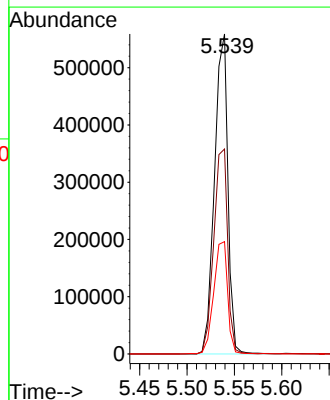
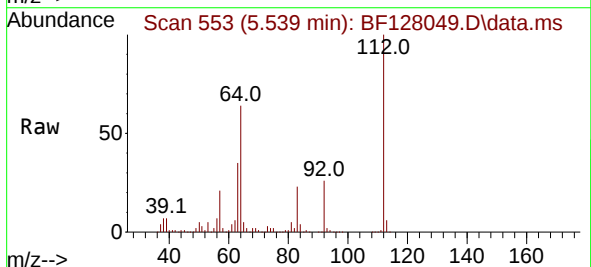
Instrument :
 BNA_F
 ClientSampleId :
 S-6

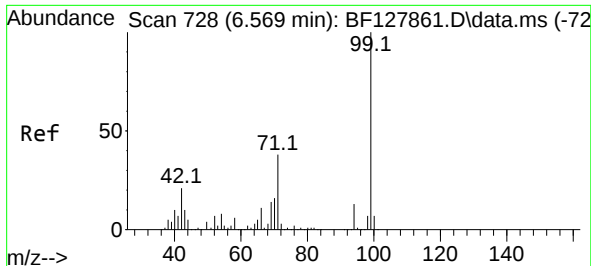
Tgt Ion:152 Resp: 73720
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.3 187.9
 115 64.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 118.300 ng
 RT: 5.539 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

Tgt Ion:112 Resp: 547536
 Ion Ratio Lower Upper
 112 100
 64 64.0 49.5 74.3
 63 35.1 26.3 39.5

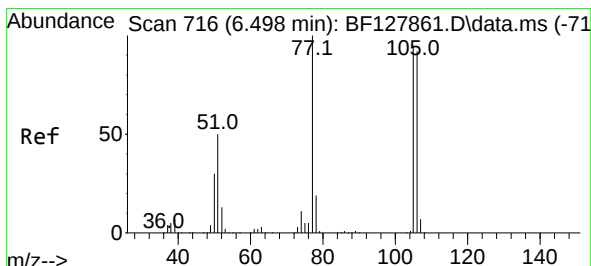
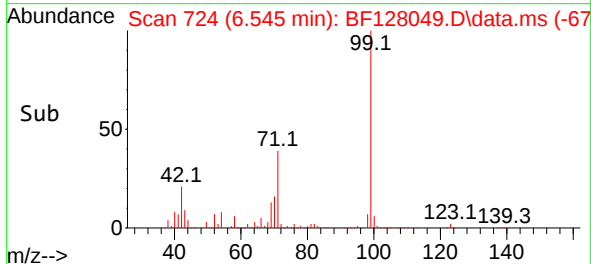
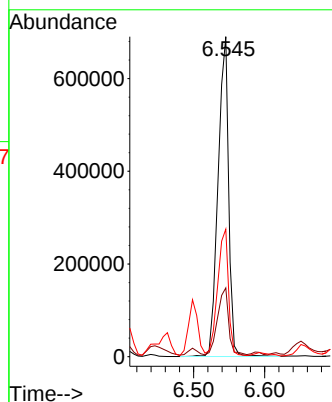
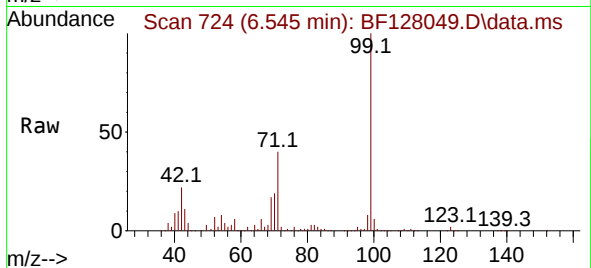




#7
Phenol-d6
Concen: 118.638 ng
RT: 6.545 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

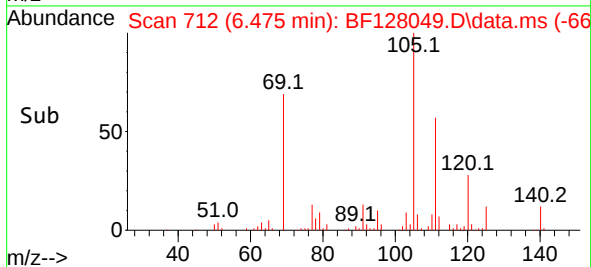
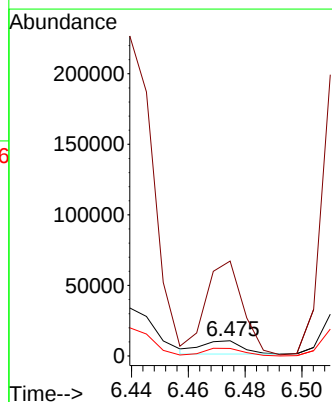
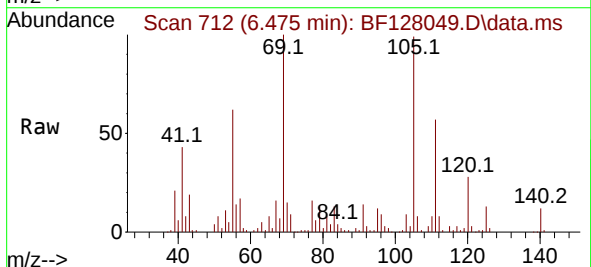
Instrument :
BNA_F
ClientSampleId :
S-6

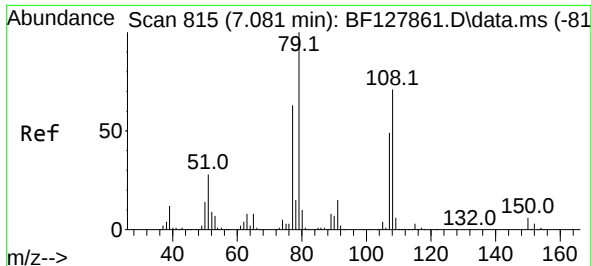
Tgt Ion: 99 Resp: 712498
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.8 30.0 45.0



#9
Benzaldehyde
Concen: 2.540 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion: 77 Resp: 9438
Ion Ratio Lower Upper
77 100
105 625.3 74.9 114.9#
106 50.1 72.2 112.2#

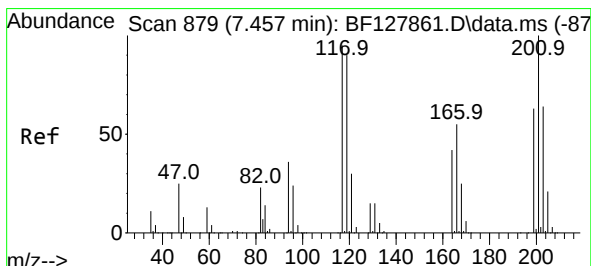
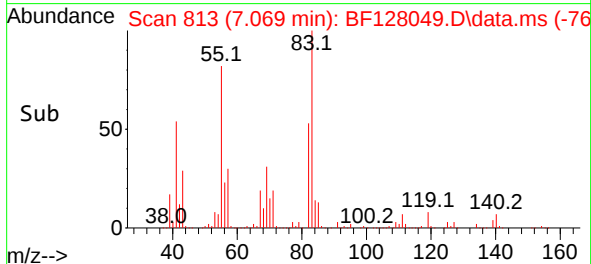
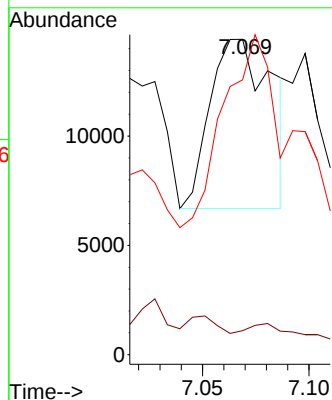
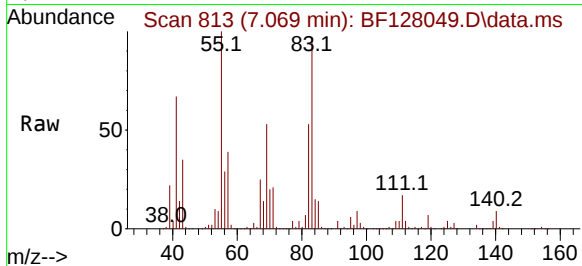




#15
Benzyl Alcohol
Concen: 3.812 ng
RT: 7.069 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

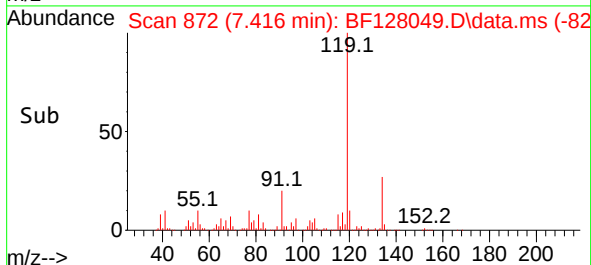
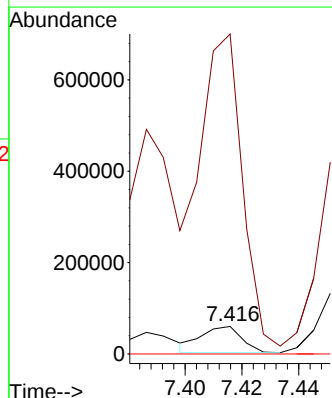
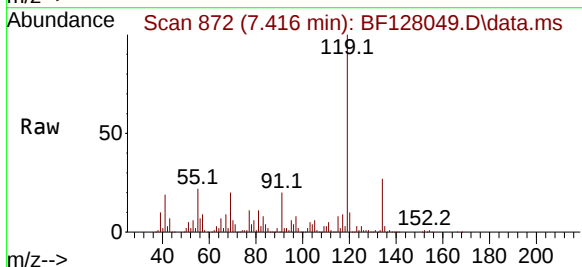
Instrument :
BNA_F
ClientSampleId :
S-6

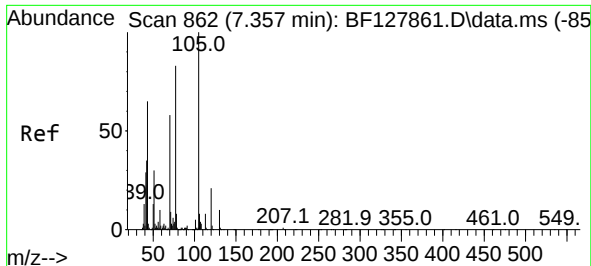
Tgt Ion: 79 Resp: 15567
Ion Ratio Lower Upper
79 100
108 7.6 57.0 85.6#
77 87.1 50.2 75.4#



#18
Hexachloroethane
Concen: 28.038 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion: 117 Resp: 56892
Ion Ratio Lower Upper
117 100
119 1161.2 76.2 114.4#
201 0.0 84.4 126.6#





#19

n-Nitroso-di-n-propylamine

Concen: 17.719 ng

RT: 7.345 min Scan# 80

Delta R.T. 0.012 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

Tgt Ion: 70 Resp: 65141

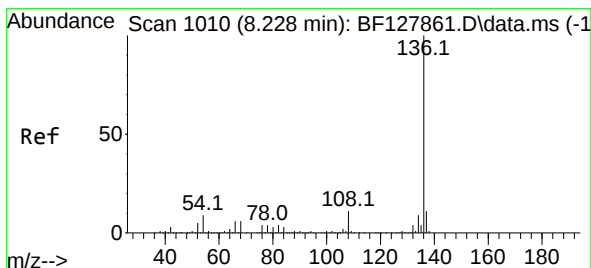
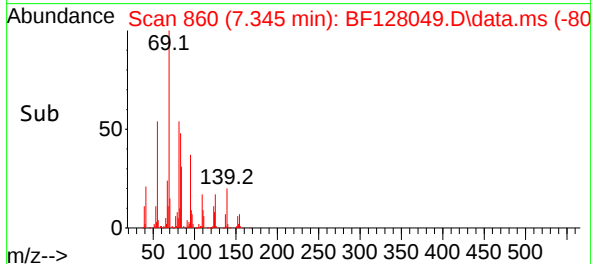
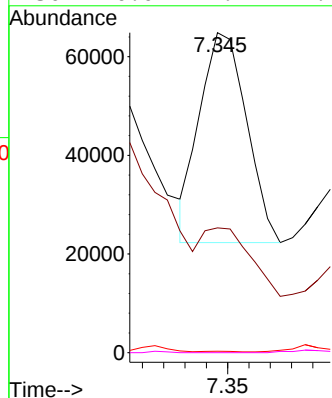
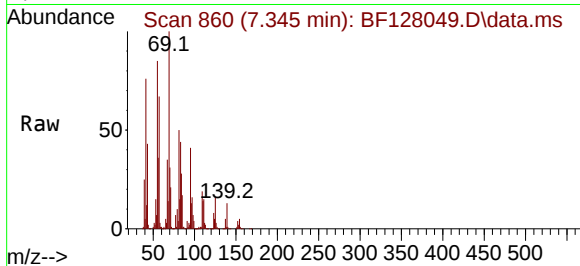
Ion Ratio Lower Upper

70 100

42 39.0 48.7 73.1#

101 0.5 7.2 10.8#

130 0.0 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.222 min Scan# 1009

Delta R.T. 0.017 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Tgt Ion:136 Resp: 209311

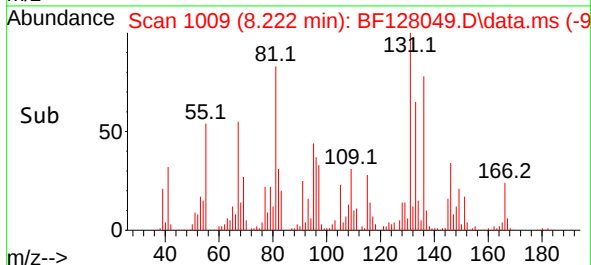
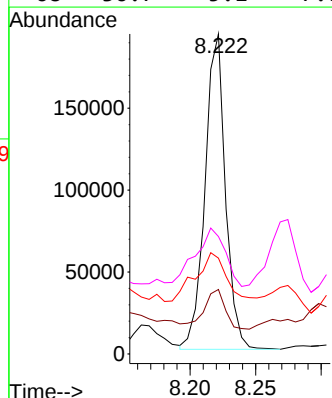
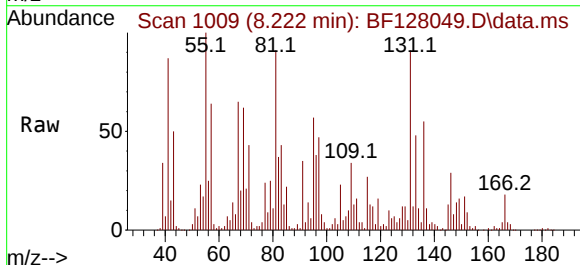
Ion Ratio Lower Upper

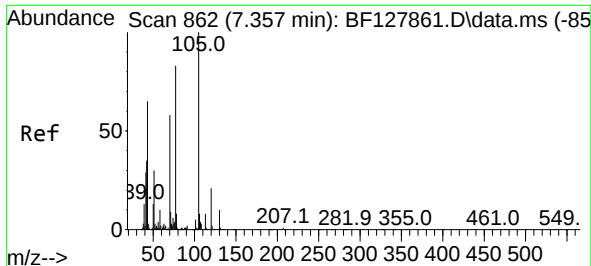
136 100

137 20.2 8.6 13.0#

54 30.0 6.8 10.2#

68 36.7 5.1 7.7#

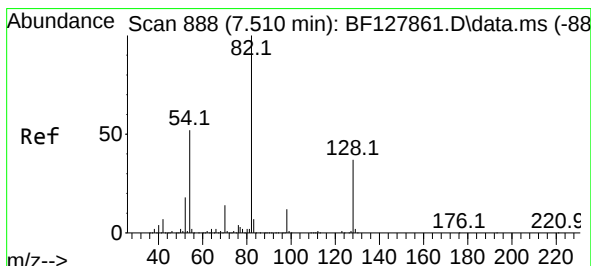
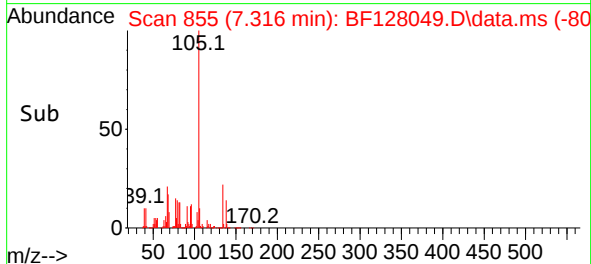
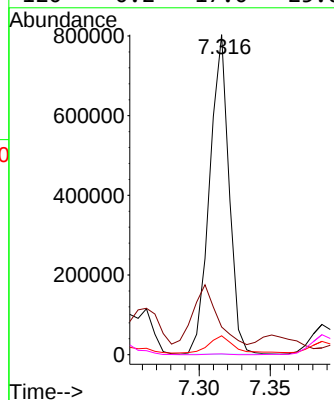
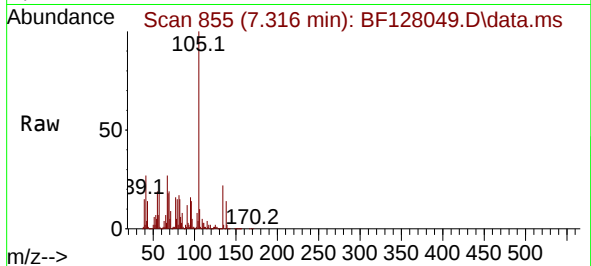




#22
Acetophenone
Concen: 149.232 ng
RT: 7.316 min Scan# 811
Delta R.T. -0.018 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

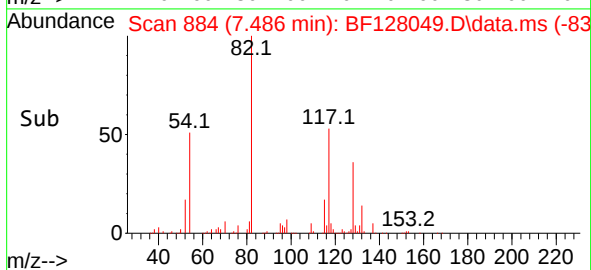
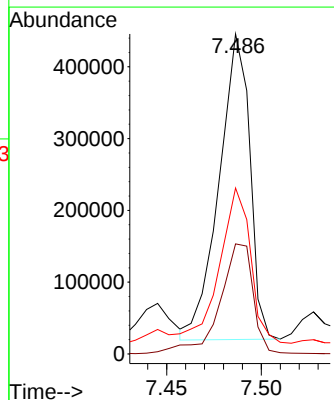
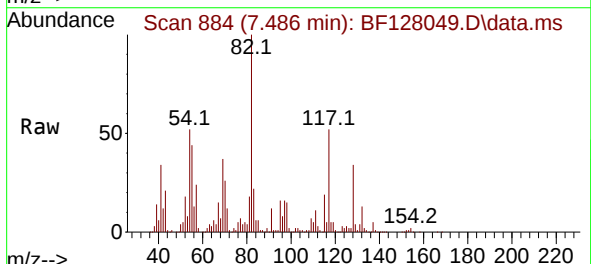
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S-6

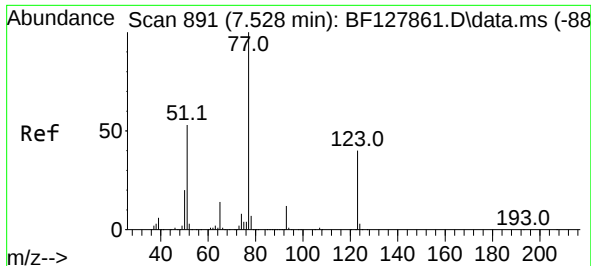
Tgt Ion:105 Resp: 761322
Ion Ratio Lower Upper
105 100
71 8.6 7.3 10.9
51 5.9 23.7 35.5#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 107.889 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion: 82 Resp: 480228
Ion Ratio Lower Upper
82 100
128 34.4 30.0 45.0
54 51.8 41.3 61.9

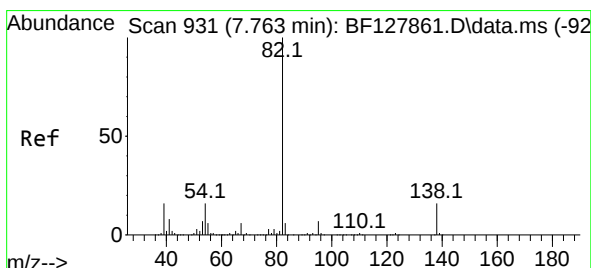
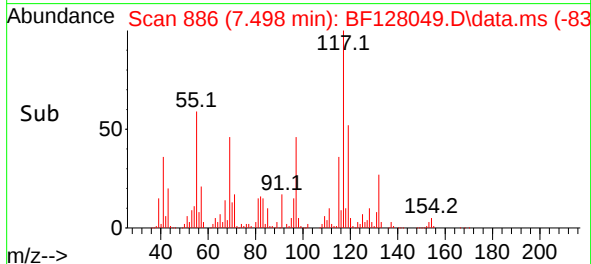
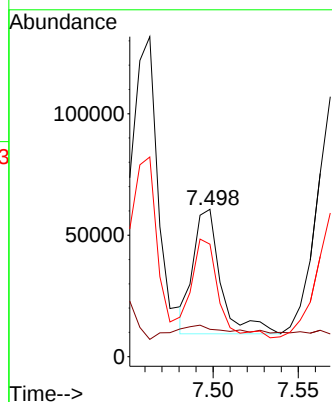
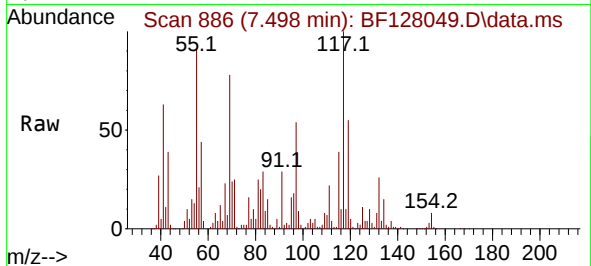




#24
Nitrobenzene
Concen: 13.512 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

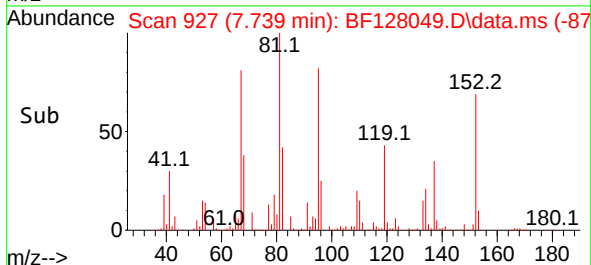
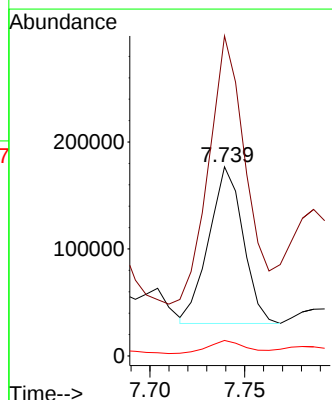
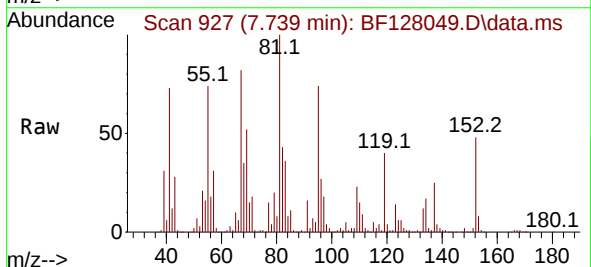
Instrument :
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S-6

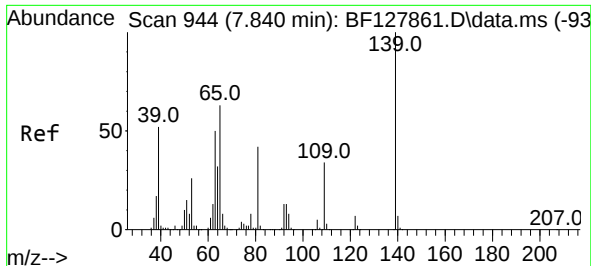
Tgt Ion: 77 Resp: 57955
Ion Ratio Lower Upper
77 100
123 18.6 32.0 48.0#
65 76.4 11.0 16.6#



#25
Isophorone
Concen: 24.671 ng
RT: 7.739 min Scan# 927
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion: 82 Resp: 184821
Ion Ratio Lower Upper
82 100
95 169.2 5.6 8.4#
138 8.2 12.5 18.7#

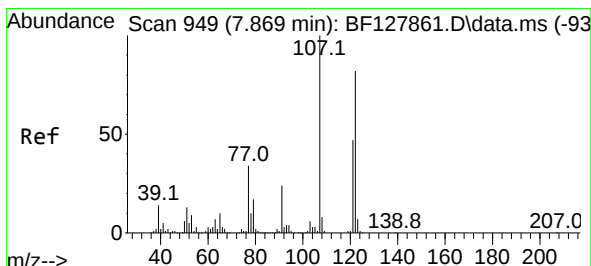
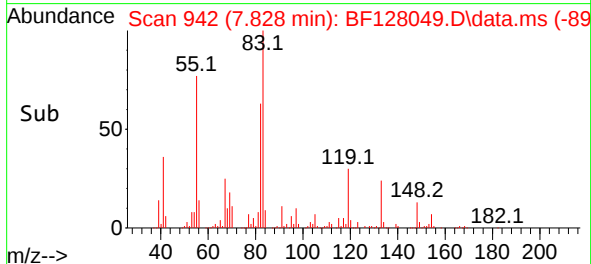
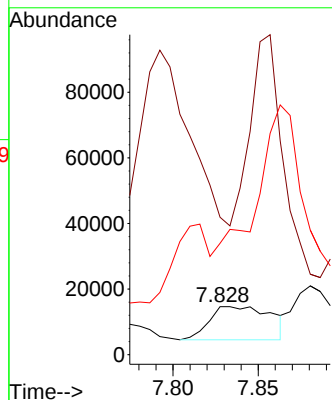
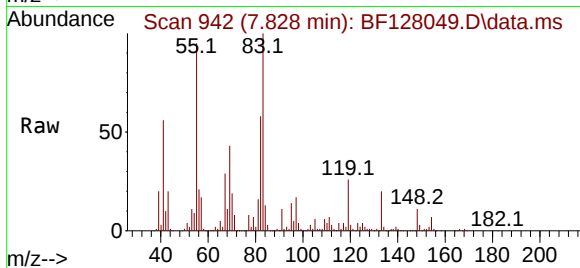




#26
2-Nitrophenol
Concen: 13.990 ng
RT: 7.828 min Scan# 942
Delta R.T. 0.006 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

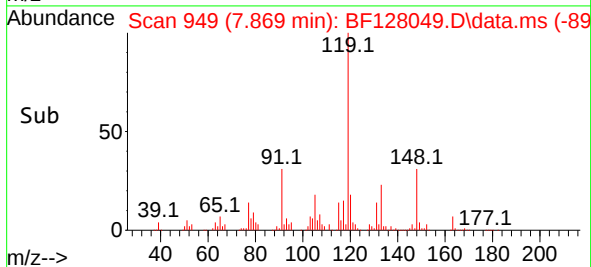
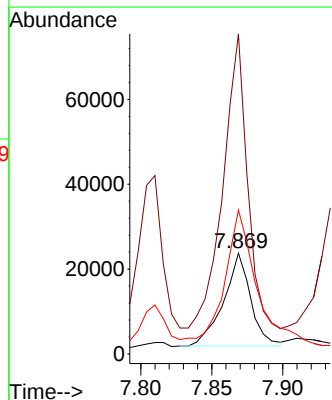
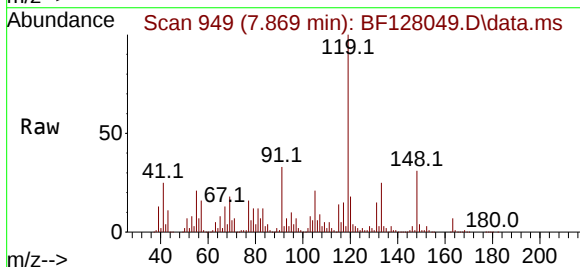
Instrument :
BNA_F
ClientSampleId :
S-6

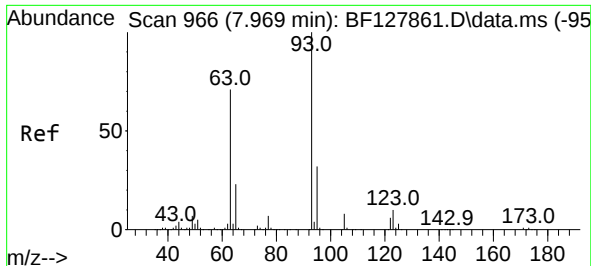
Tgt Ion:139 Resp: 25570
Ion Ratio Lower Upper
139 100
109 286.3 27.4 41.2#
65 232.0 50.8 76.2#



#27
2,4-Dimethylphenol
Concen: 9.602 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.017 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:122 Resp: 29150
Ion Ratio Lower Upper
122 100
107 317.7 97.5 146.3#
121 142.9 46.0 69.0#

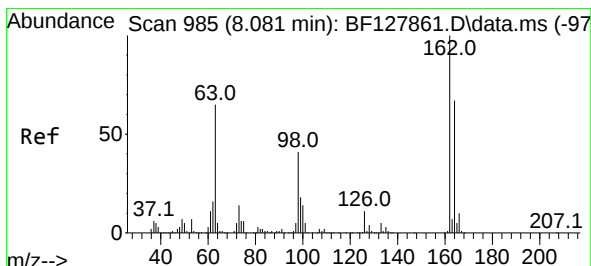
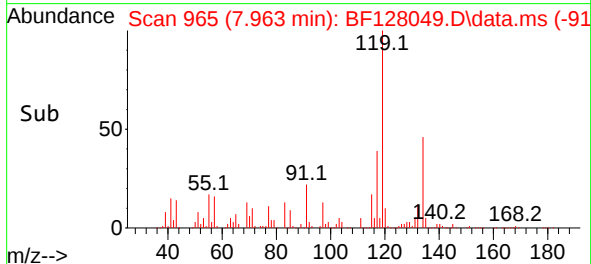
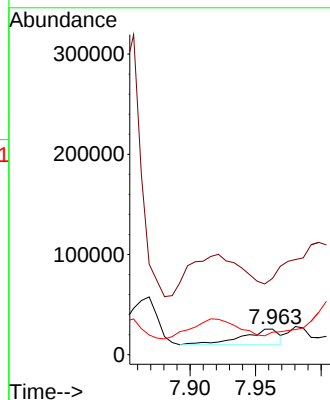
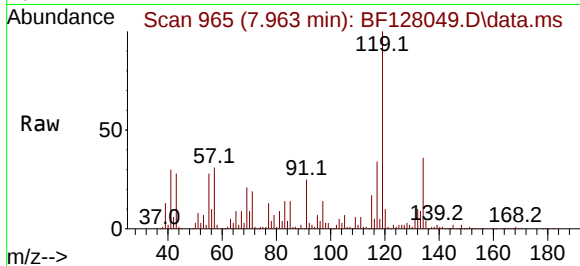




#28
bis(2-Chloroethoxy)methane
Concen: 6.554 ng
RT: 7.963 min Scan# 911
Delta R.T. 0.017 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

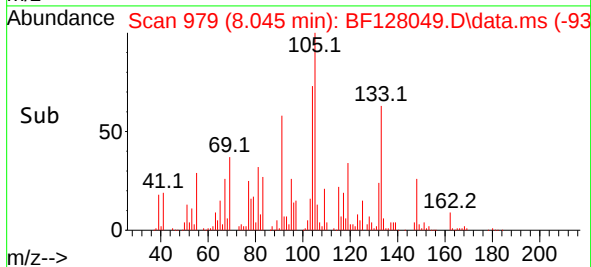
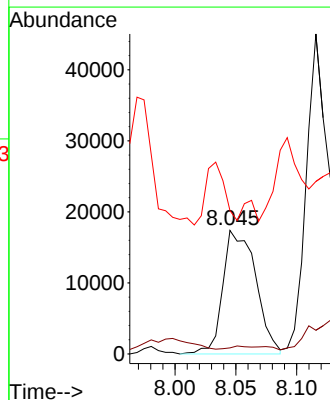
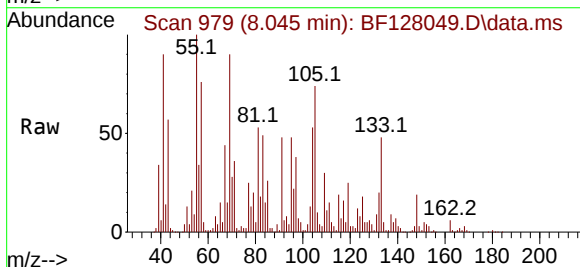
Instrument :
BNA_F
ClientSampleId :
S-6

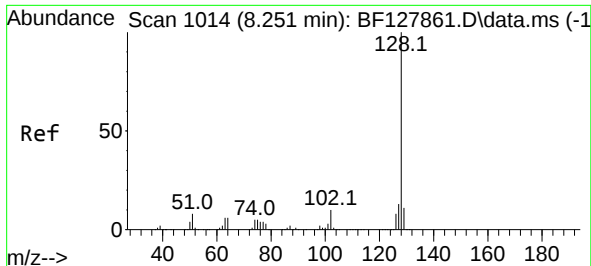
Tgt Ion: 93 Resp: 31469
Ion Ratio Lower Upper
93 100
95 298.8 25.7 38.5#
123 88.6 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 10.310 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:162 Resp: 32790
Ion Ratio Lower Upper
162 100
164 4.9 47.1 87.1#
98 116.0 20.7 60.7#

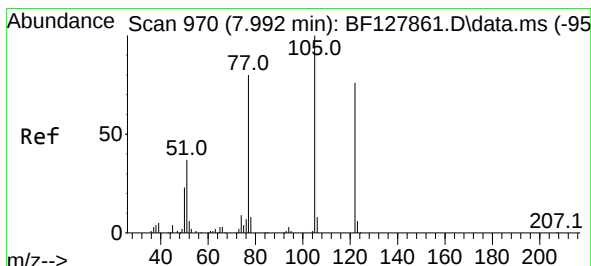
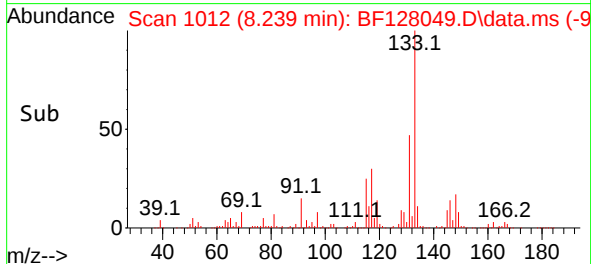
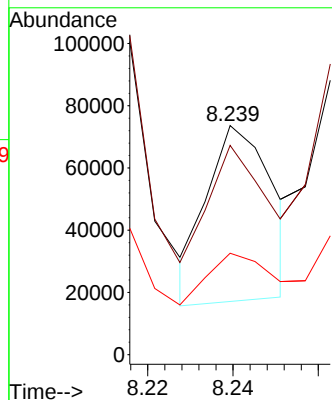
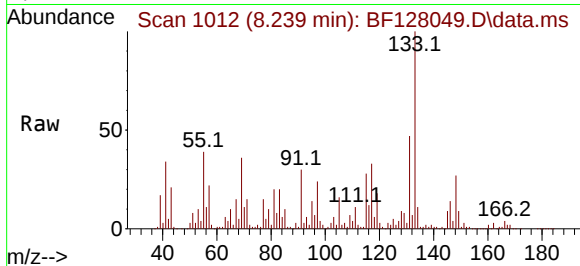




#31
Naphthalene
Concen: 5.656 ng
RT: 8.239 min Scan# 1014
Delta R.T. 0.012 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

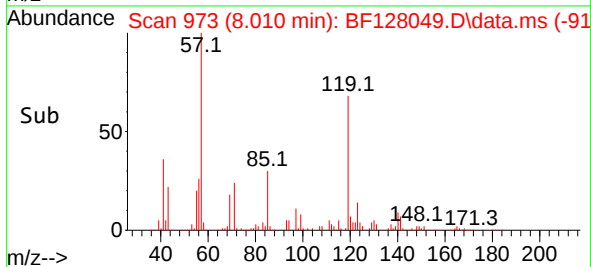
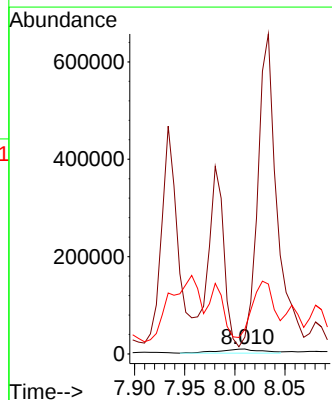
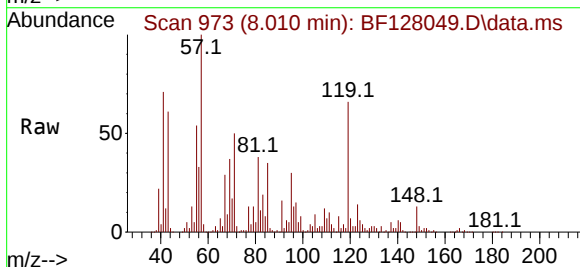
Instrument :
BNA_F
ClientSampleId :
S-6

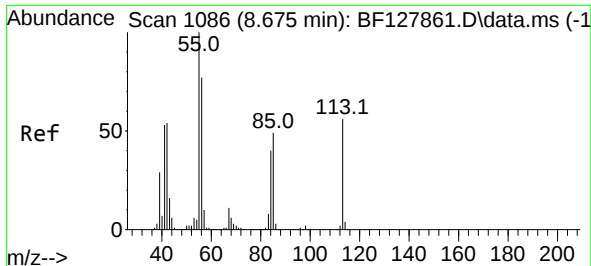
Tgt Ion:128 Resp: 60296
Ion Ratio Lower Upper
128 100
129 91.3 9.0 13.4#
127 44.3 10.6 16.0#



#32
Benzoic acid
Concen: 11.252 ng
RT: 8.010 min Scan# 973
Delta R.T. 0.029 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:122 Resp: 24485
Ion Ratio Lower Upper
122 100
105 341.6 107.9 147.9#
77 502.2 82.5 122.5#

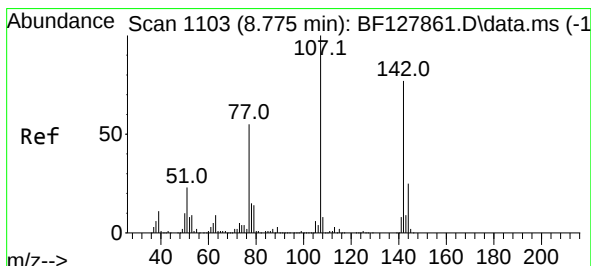
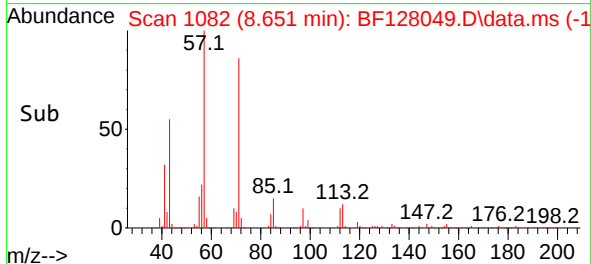
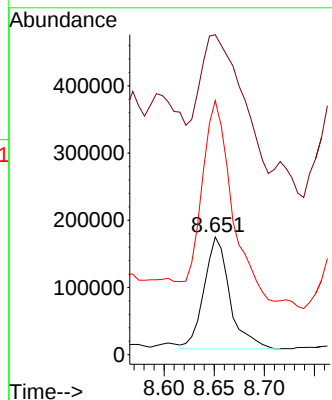
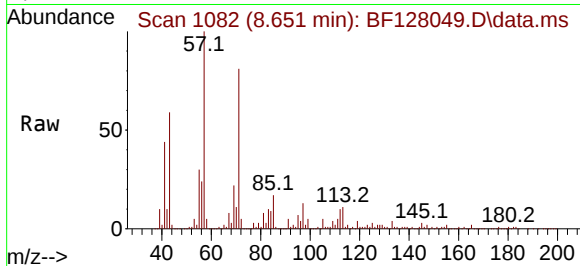




#35
 Caprolactam
 Concen: 289.141 ng
 RT: 8.651 min Scan# 1100
 Delta R.T. -0.006 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

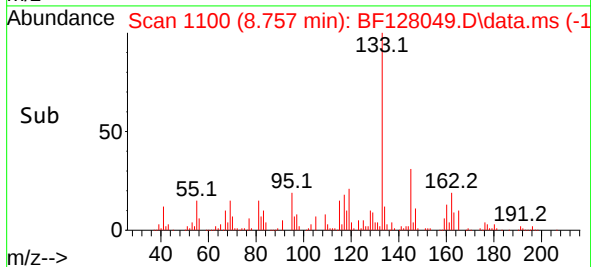
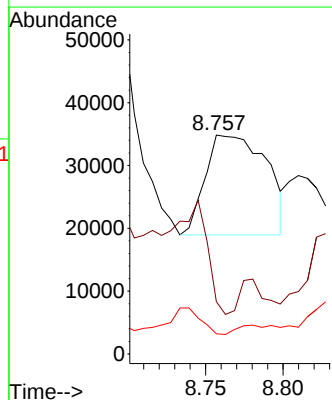
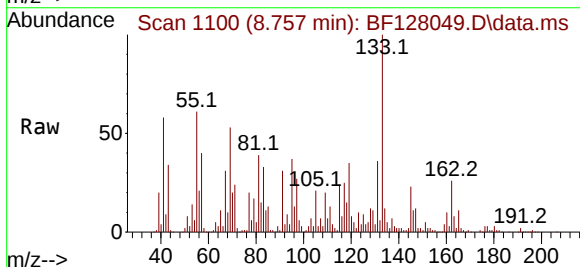
Instrument :
 BNA_F
 ClientSampleId :
 S-6

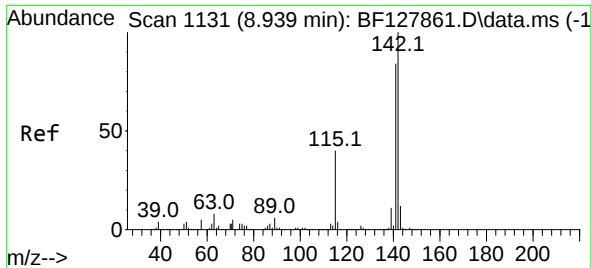
Tgt Ion:113 Resp: 296838
 Ion Ratio Lower Upper
 113 100
 55 271.7 157.4 197.4#
 56 215.8 116.1 156.1#



#36
 4-Chloro-3-methylphenol
 Concen: 12.809 ng
 RT: 8.757 min Scan# 1100
 Delta R.T. -0.000 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

Tgt Ion:107 Resp: 43509
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.2 30.4
 142 9.2 61.5 92.3#

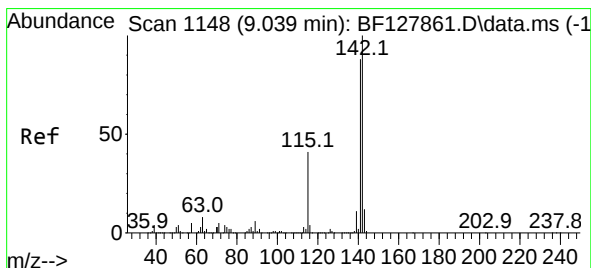
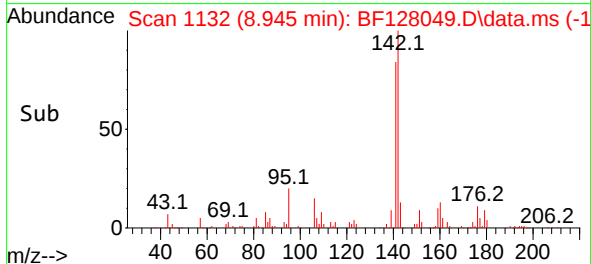
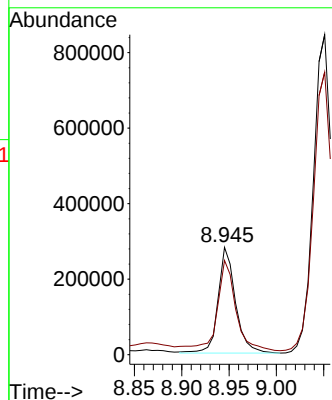
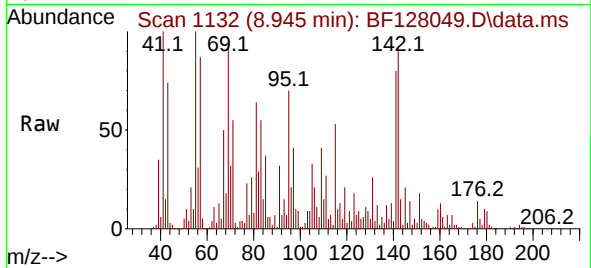




#37
2-Methylnaphthalene
Concen: 50.898 ng
RT: 8.945 min Scan# 1131
Delta R.T. 0.029 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

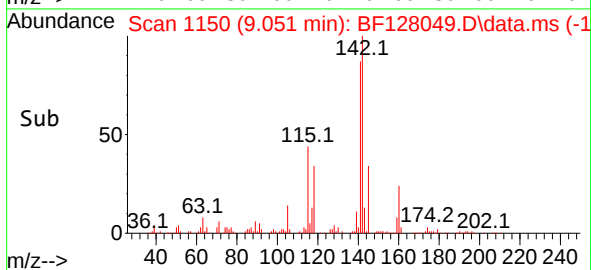
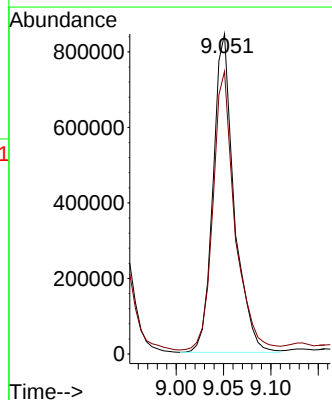
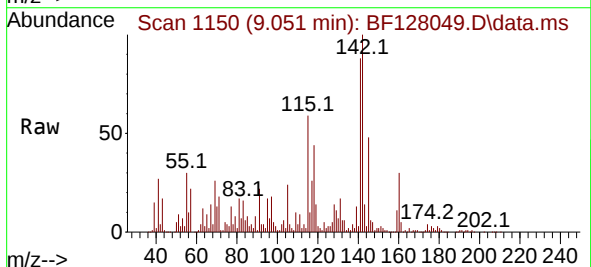
Instrument :
BNA_F
ClientSampleId :
S-6

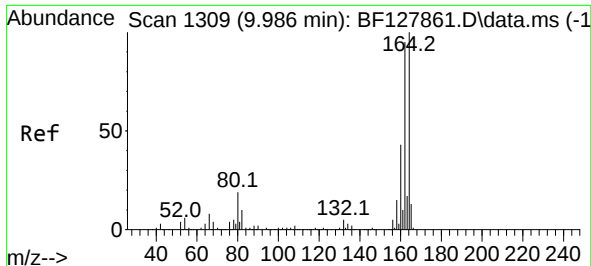
Tgt Ion:142 Resp: 358602
Ion Ratio Lower Upper
142 100
141 87.8 67.4 101.2



#38
1-Methylnaphthalene
Concen: 190.627 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.035 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:142 Resp: 1305434
Ion Ratio Lower Upper
142 100
141 88.3 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

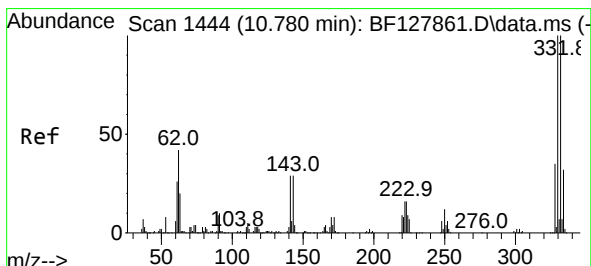
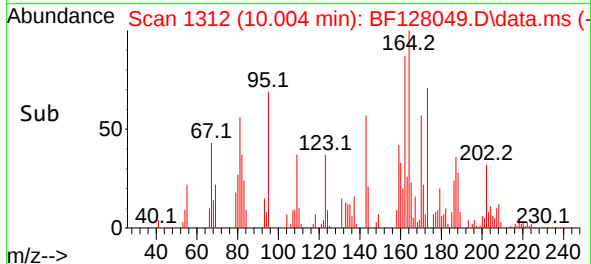
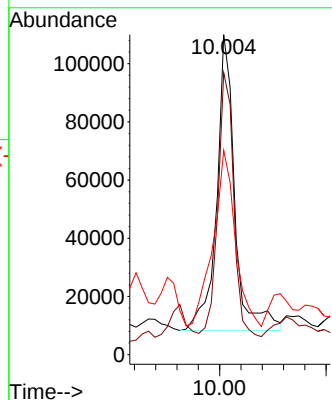
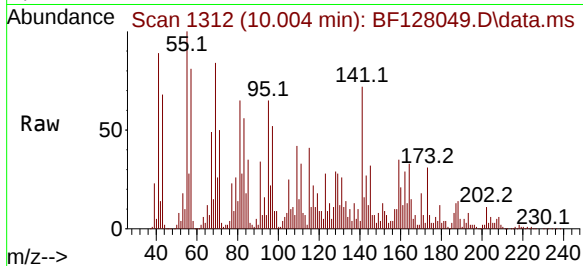
Tgt Ion:164 Resp: 120174

Ion Ratio Lower Upper

164 100

162 88.1 76.0 114.0

160 63.8 34.8 52.2#



#42

2,4,6-Tribromophenol

Concen: 105.718 ng

RT: 10.804 min Scan# 1448

Delta R.T. 0.047 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

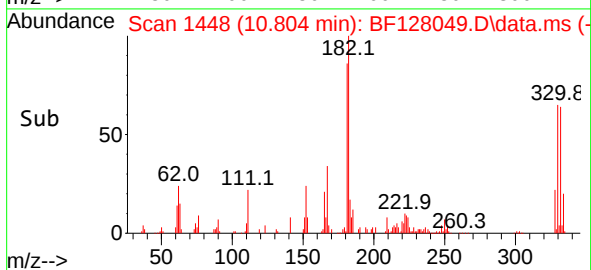
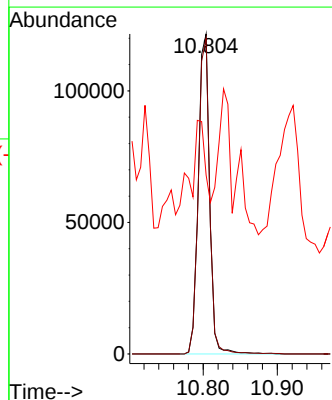
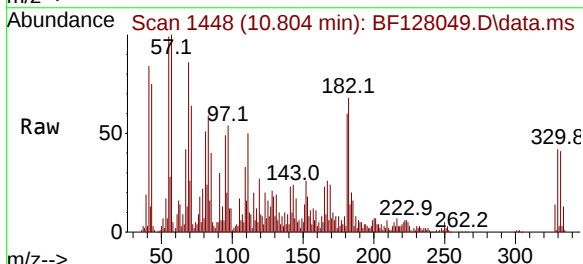
Tgt Ion:330 Resp: 127893

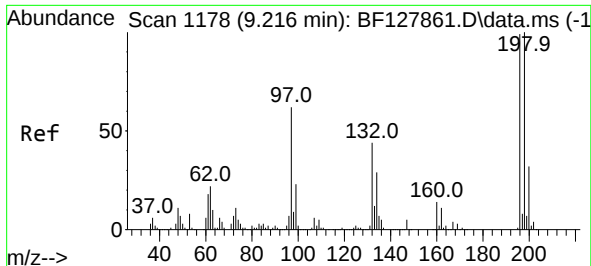
Ion Ratio Lower Upper

330 100

332 98.5 79.0 118.4

141 36.3 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 3.815 ng

RT: 9.222 min Scan# 1179

Delta R.T. 0.029 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

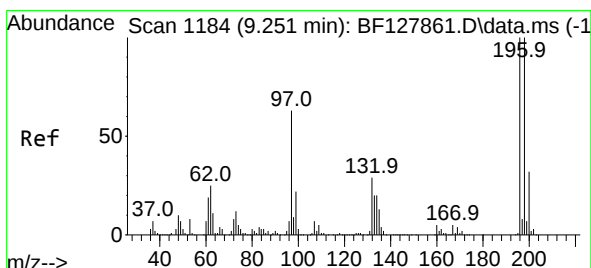
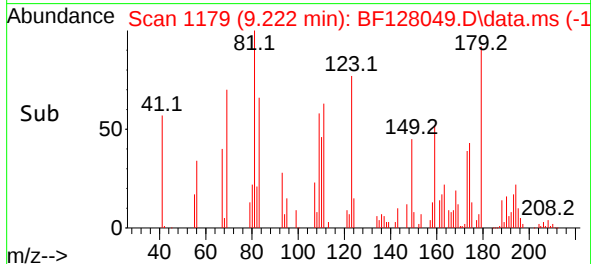
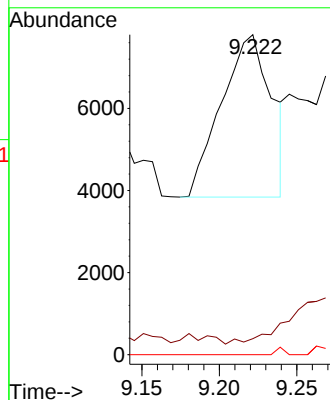
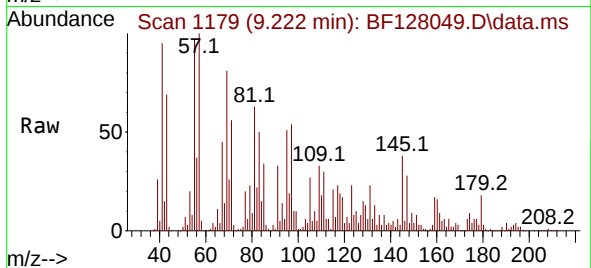
Tgt Ion:196 Resp: 8891

Ion Ratio Lower Upper

196 100

198 5.0 80.4 120.6#

200 0.0 25.9 38.9#



#44

2,4,5-Trichlorophenol

Concen: 3.509 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.018 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Tgt Ion:196 Resp: 8891

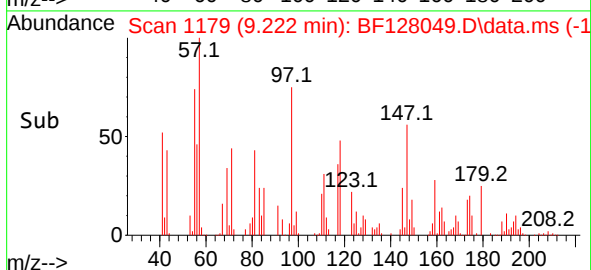
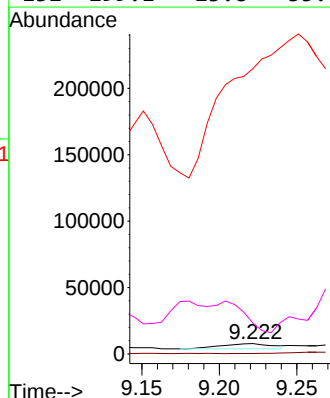
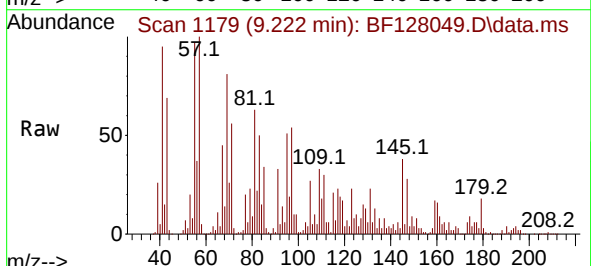
Ion Ratio Lower Upper

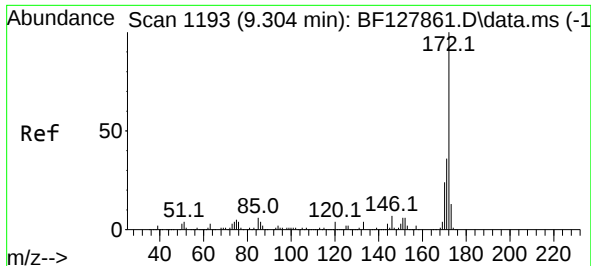
196 100

198 5.0 80.2 120.2#

97 2755.9 50.3 75.5#

132 299.1 23.8 35.6#

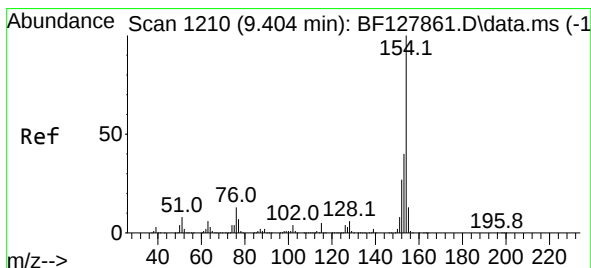
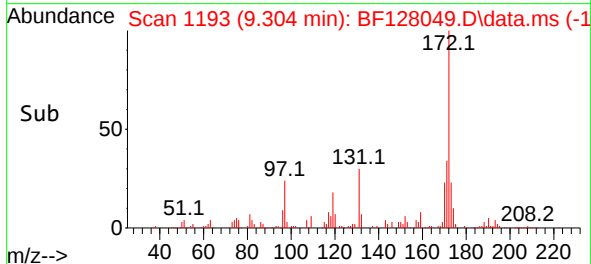
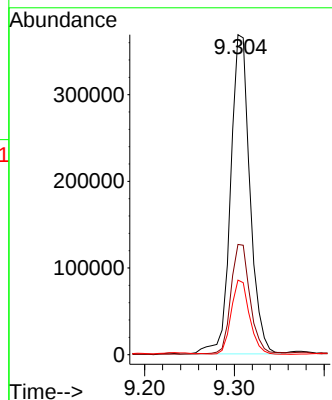
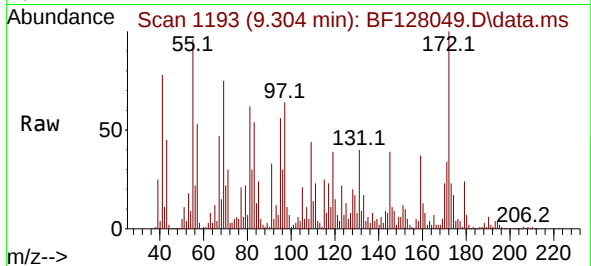




#45
2-Fluorobiphenyl
Concen: 77.431 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.023 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

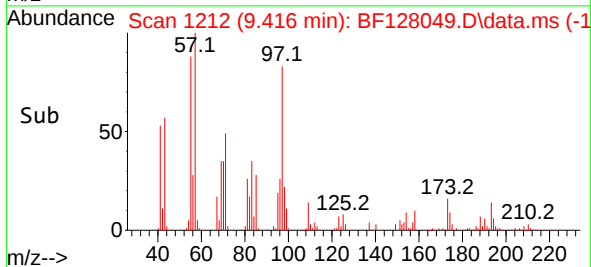
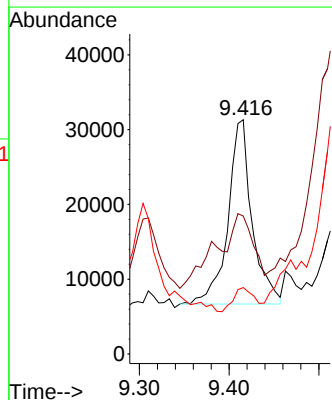
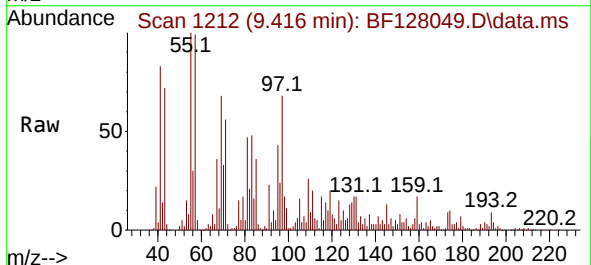
Instrument :
BNA_F
ClientSampleId :
S-6

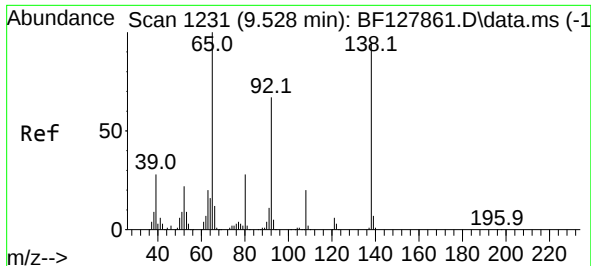
Tgt Ion:	172	Resp:	550039
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	42.8
170	23.3	19.1	28.7



#46
1,1'-Biphenyl
Concen: 5.161 ng
RT: 9.416 min Scan# 1212
Delta R.T. 0.035 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:	154	Resp:	45945
Ion Ratio	Lower	Upper	
154	100		
153	58.9	20.4	60.4
76	28.3	0.0	33.2





#48

2-Nitroaniline

Concen: 3.704 ng

RT: 9.539 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

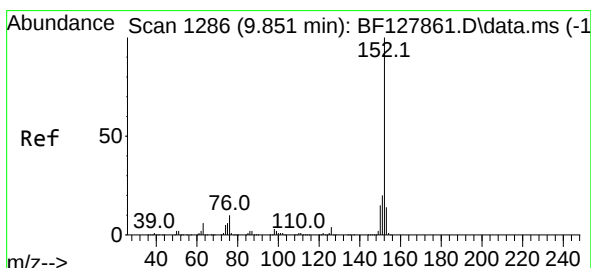
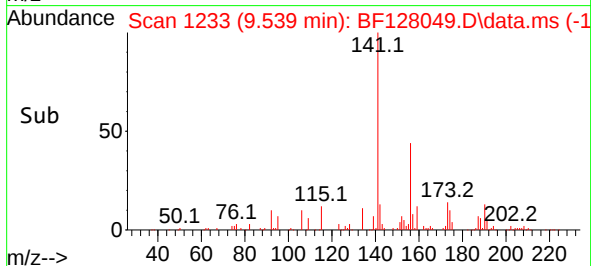
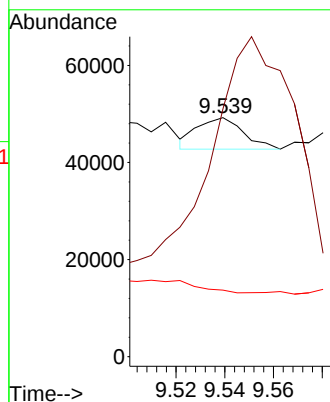
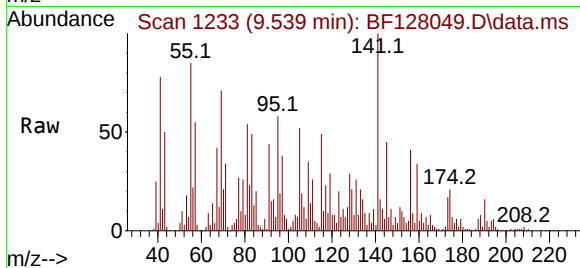
Tgt Ion: 65 Resp: 8491

Ion Ratio Lower Upper

65 100

92 103.6 53.7 80.5#

138 27.8 76.4 114.6#



#49

Acenaphthylene

Concen: 9.393 ng

RT: 9.874 min Scan# 1290

Delta R.T. 0.047 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

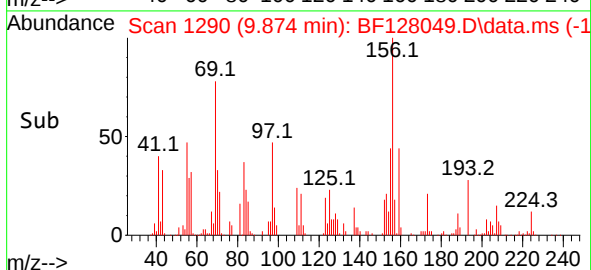
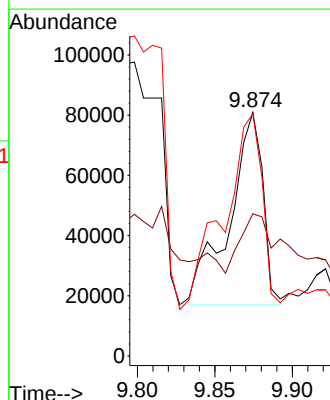
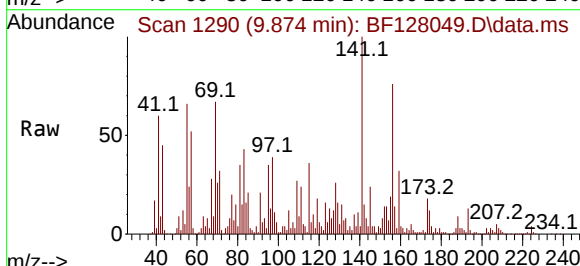
Tgt Ion: 152 Resp: 97366

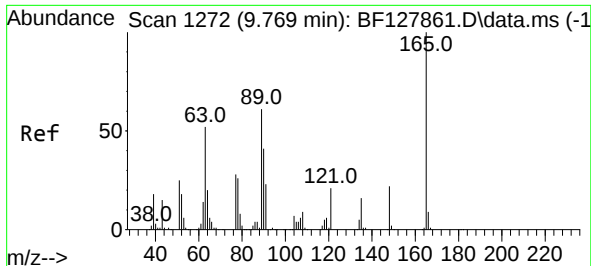
Ion Ratio Lower Upper

152 100

151 58.4 16.2 24.2#

153 99.5 11.2 16.8#

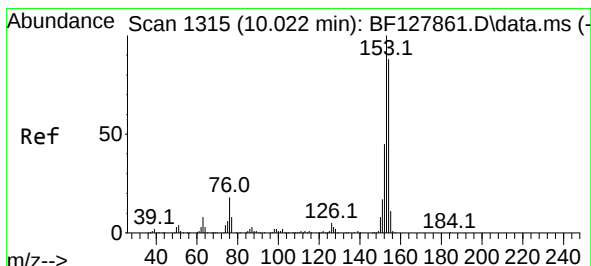
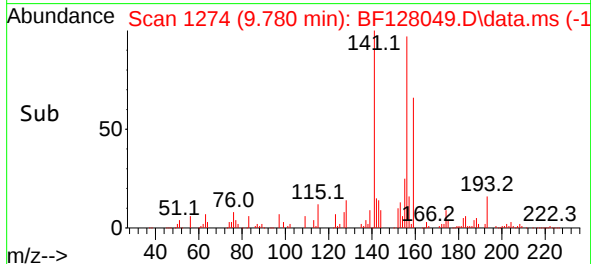
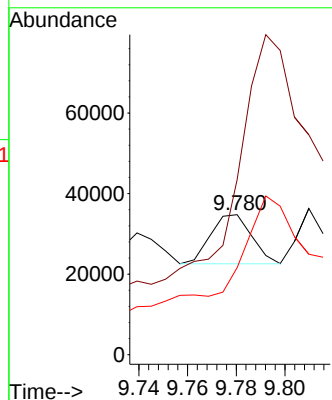
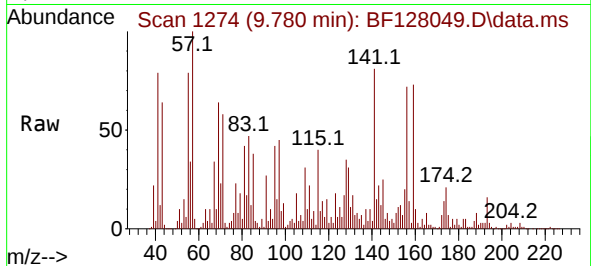




#51
2,6-Dinitrotoluene
Concen: 8.208 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

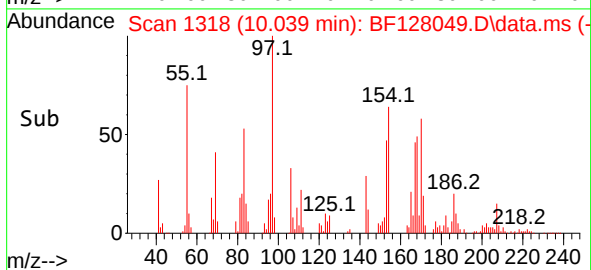
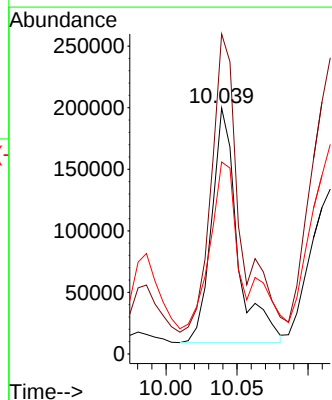
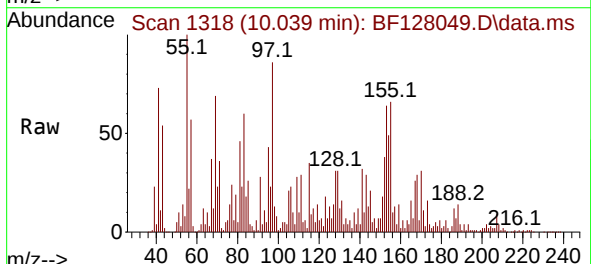
Instrument :
BNA_F
ClientSampleId :
S-6

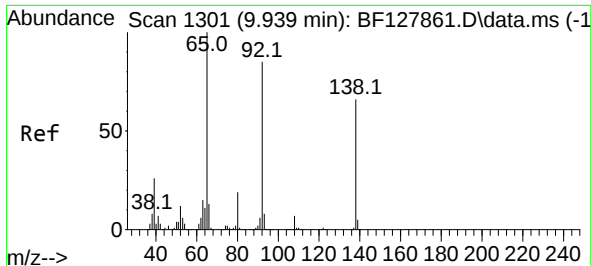
Tgt Ion:165 Resp: 14323
Ion Ratio Lower Upper
165 100
63 125.1 49.5 74.3#
89 62.1 49.0 73.4



#52
Acenaphthene
Concen: 34.683 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:154 Resp: 241709
Ion Ratio Lower Upper
154 100
153 130.2 90.5 135.7
152 78.1 41.0 61.6#





#53

3-Nitroaniline

Concen: 7.650 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

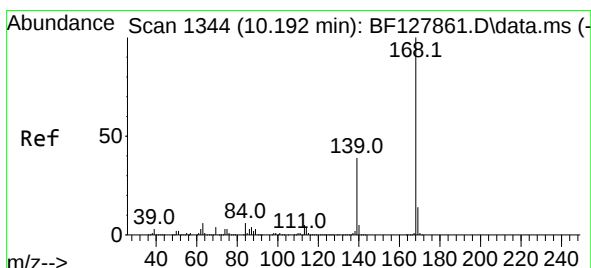
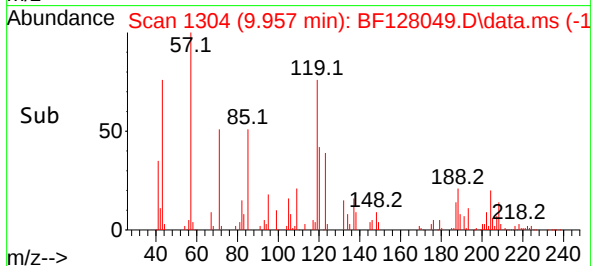
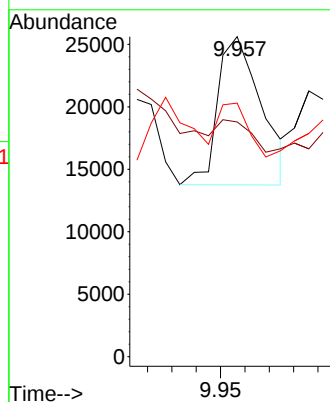
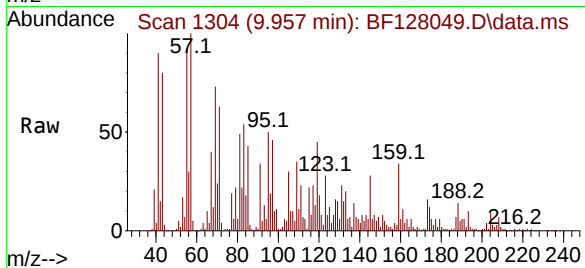
Tgt Ion:138 Resp: 14824

Ion Ratio Lower Upper

138 100

108 73.3 8.2 12.4#

92 79.2 102.7 154.1#



#55

Dibenzofuran

Concen: 17.196 ng

RT: 10.210 min Scan# 1347

Delta R.T. 0.041 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

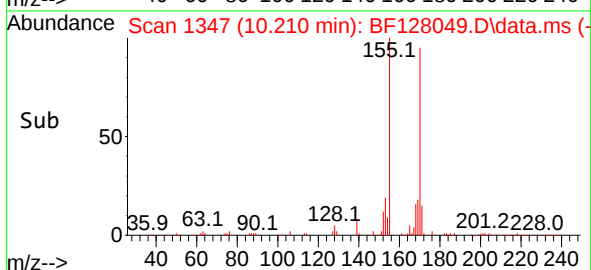
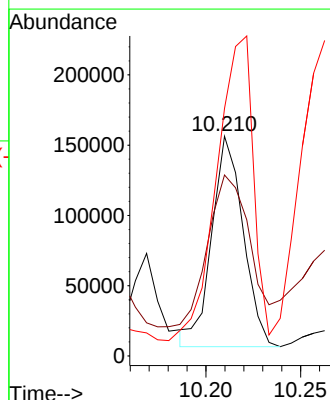
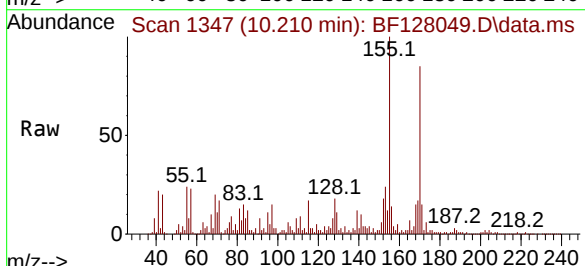
Tgt Ion:168 Resp: 172902

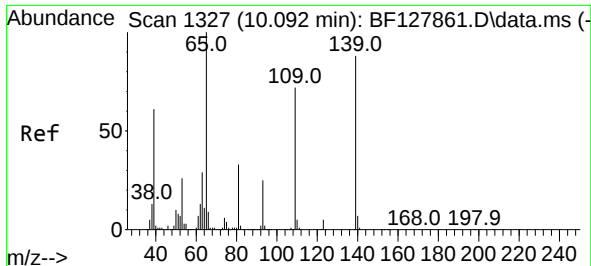
Ion Ratio Lower Upper

168 100

139 82.4 31.7 47.5#

169 112.7 10.9 16.3#

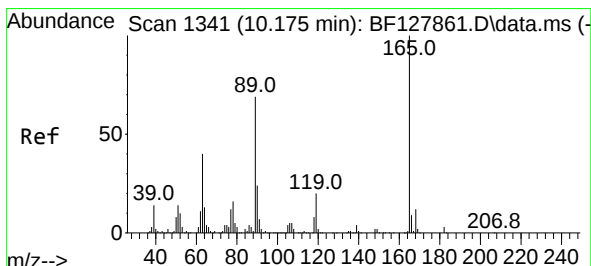
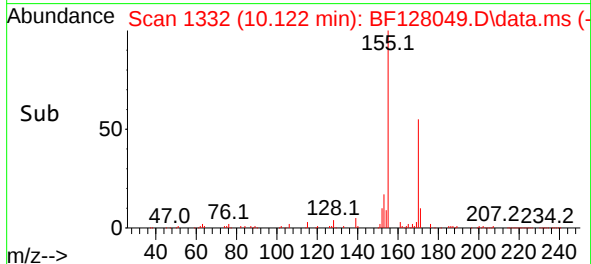
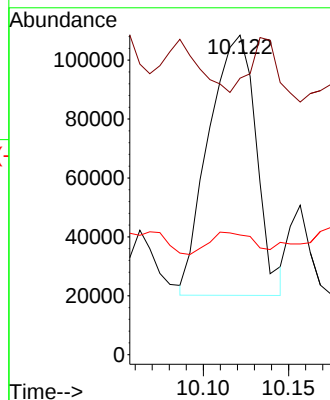
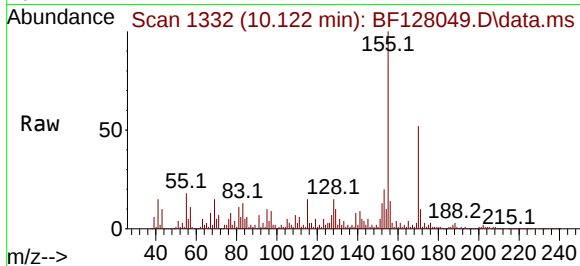




#56
4-Nitrophenol
Concen: 115.861 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

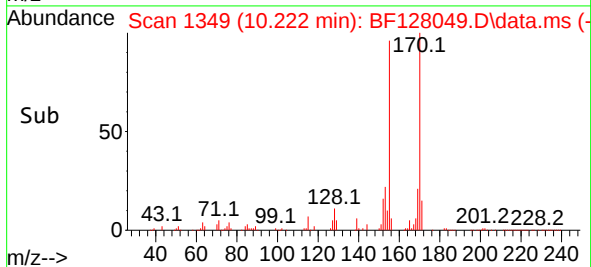
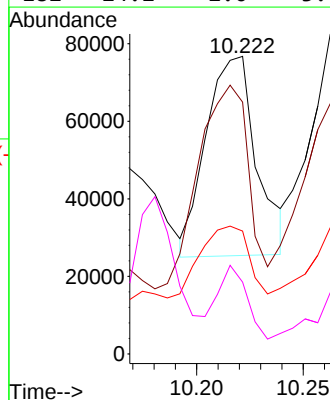
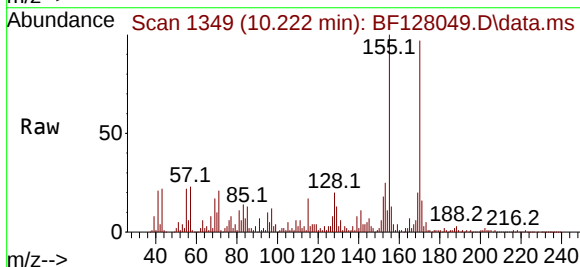
Instrument :
BNA_F
ClientSampleId :
S-6

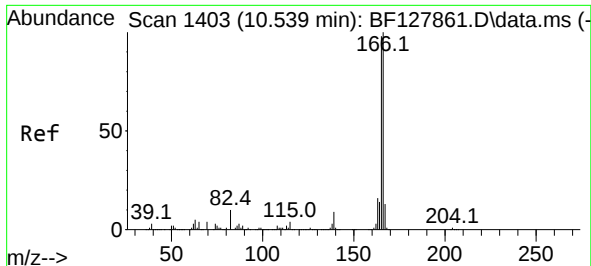
Tgt Ion:139 Resp: 171433
Ion Ratio Lower Upper
139 100
109 86.5 61.9 101.9
65 37.5 93.5 133.5#



#57
2,4-Dinitrotoluene
Concen: 36.645 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.065 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:165 Resp: 84702
Ion Ratio Lower Upper
165 100
63 84.7 32.6 49.0#
89 41.3 55.2 82.8#
182 24.2 2.0 3.0#

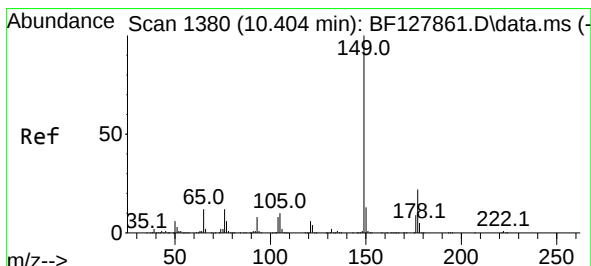
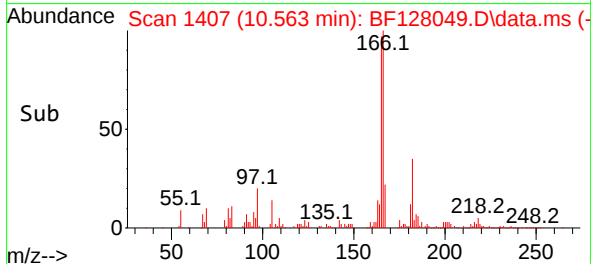
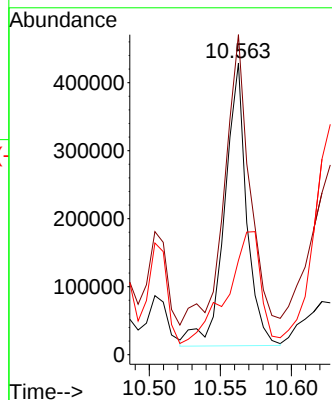
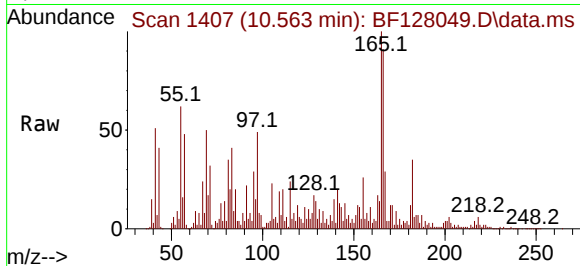




#58
 Fluorene
 Concen: 59.726 ng
 RT: 10.563 min Scan# 1407
 Delta R.T. 0.047 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

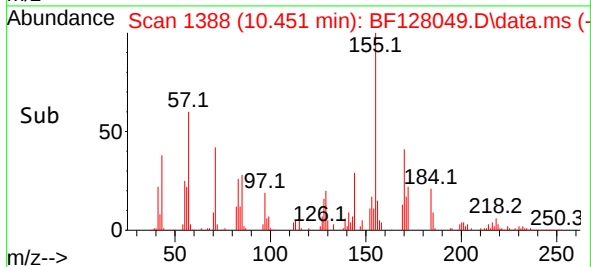
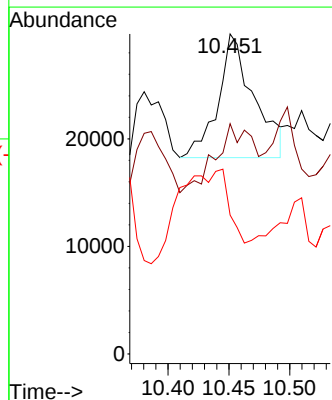
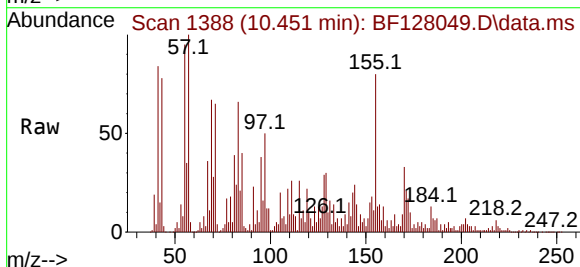
Instrument :
 BNA_F
 ClientSampleId :
 S-6

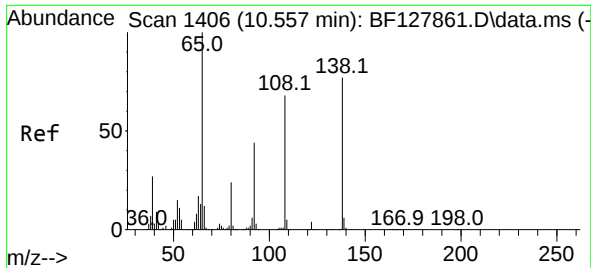
Tgt Ion:166 Resp: 448113
 Ion Ratio Lower Upper
 166 100
 165 109.7 78.6 117.8
 167 32.3 10.5 15.7#



#60
 Diethylphthalate
 Concen: 2.979 ng
 RT: 10.451 min Scan# 1388
 Delta R.T. 0.070 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

Tgt Ion:149 Resp: 23545
 Ion Ratio Lower Upper
 149 100
 177 72.0 17.8 26.8#
 150 43.4 10.2 15.2#

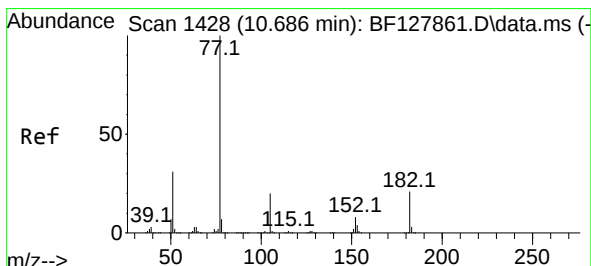
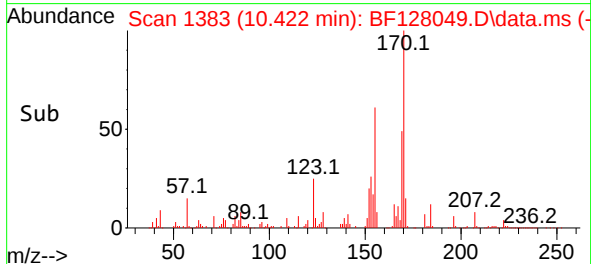
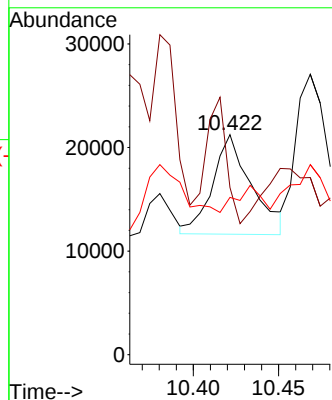
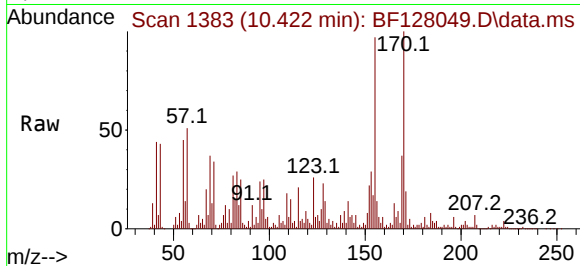




#62
4-Nitroaniline
Concen: 8.027 ng
RT: 10.422 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

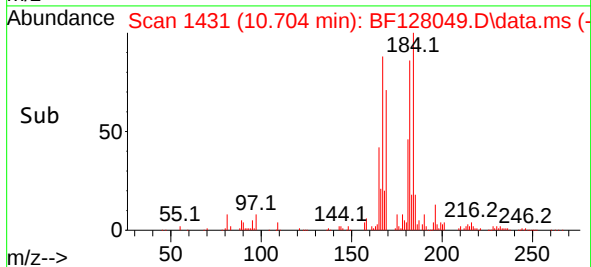
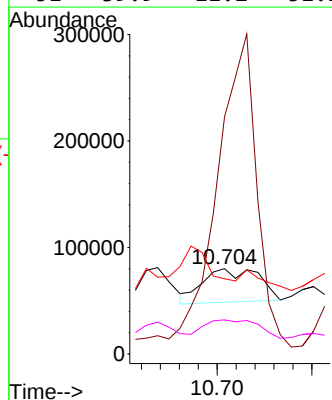
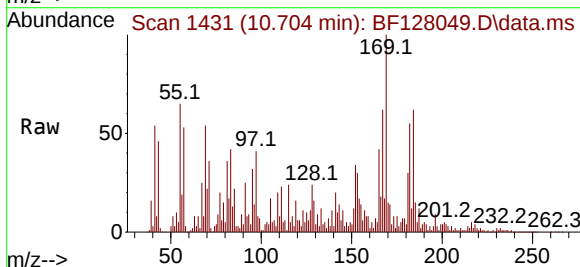
Instrument :
BNA_F
ClientSampleId :
S-6

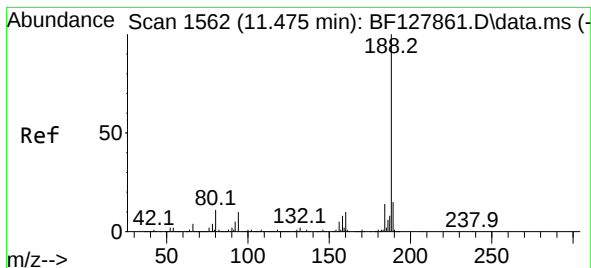
Tgt Ion:138 Resp: 15206
Ion Ratio Lower Upper
138 100
92 76.0 37.4 77.4
108 71.5 68.4 108.4



#63
Azobenzene
Concen: 7.424 ng
RT: 10.704 min Scan# 1431
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion: 77 Resp: 64557
Ion Ratio Lower Upper
77 100
182 277.6 1.2 41.2#
105 88.1 0.0 39.8#
51 39.9 11.2 51.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. 0.035 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

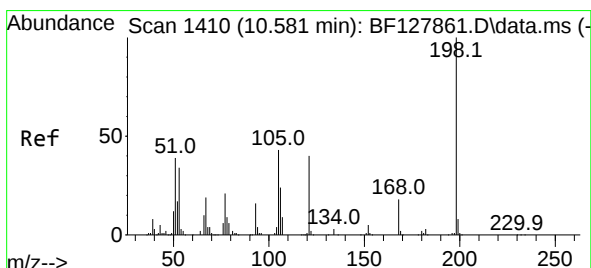
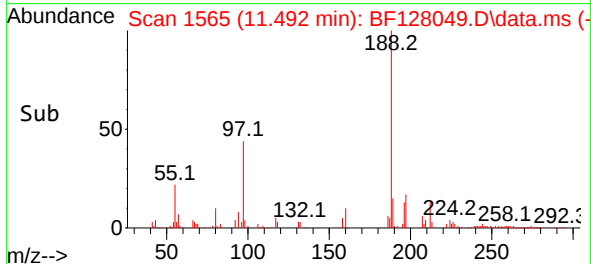
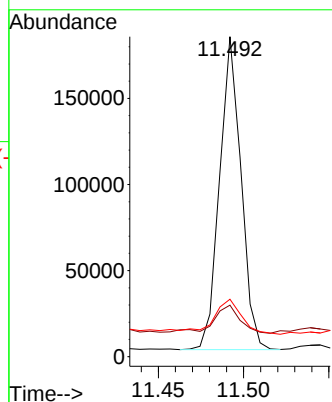
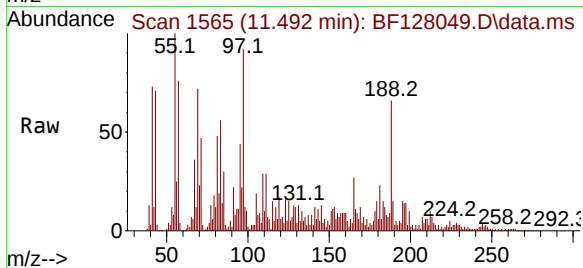
Tgt Ion:188 Resp: 159114

Ion Ratio Lower Upper

188 100

94 16.1 8.0 12.0#

80 18.0 8.9 13.3#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.257 ng

RT: 10.574 min Scan# 1409

Delta R.T. 0.012 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

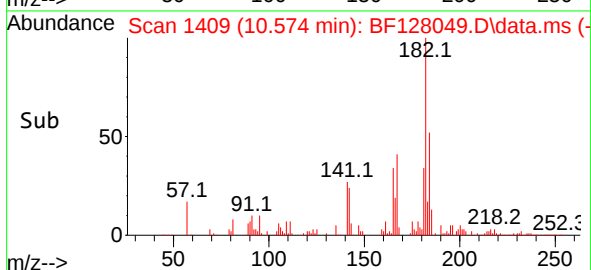
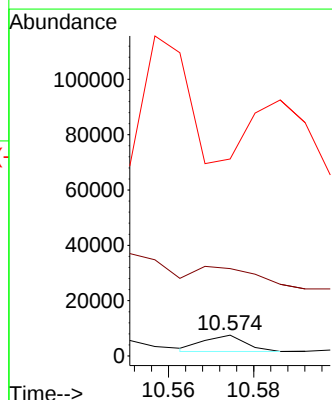
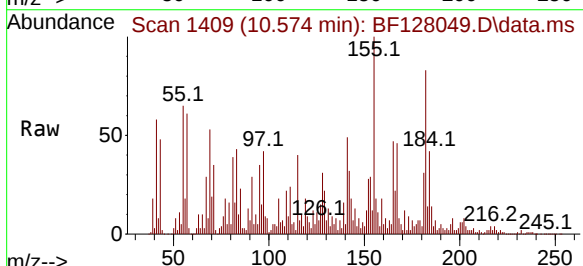
Tgt Ion:198 Resp: 4025

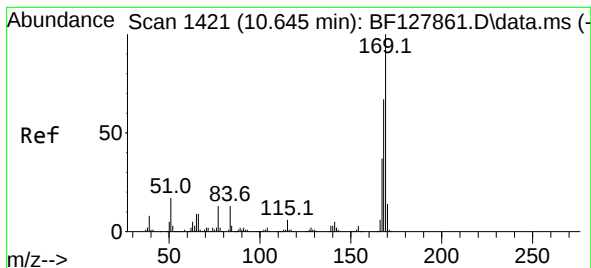
Ion Ratio Lower Upper

198 100

51 418.6 28.4 68.4#

105 943.8 23.4 63.4#

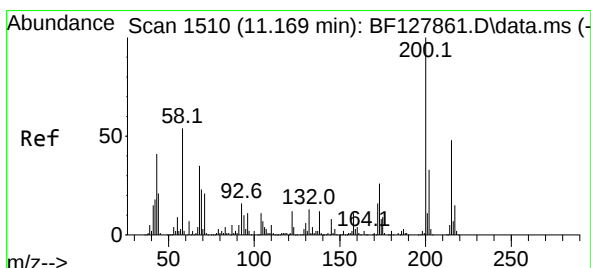
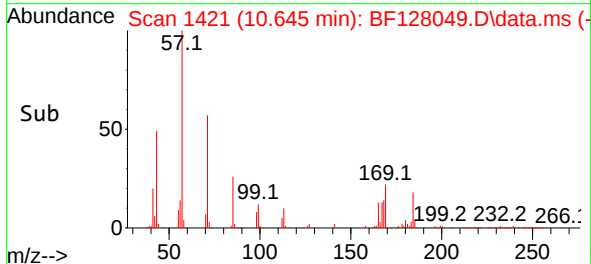
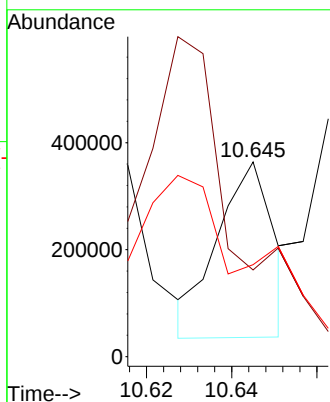
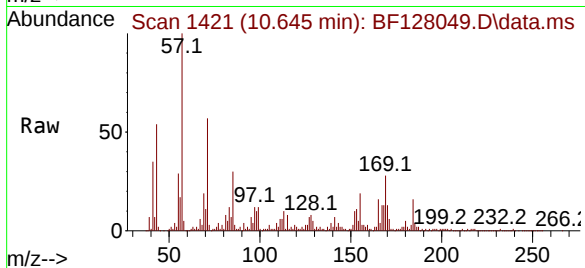




#66
n-Nitrosodiphenylamine
Concen: 61.001 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.023 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

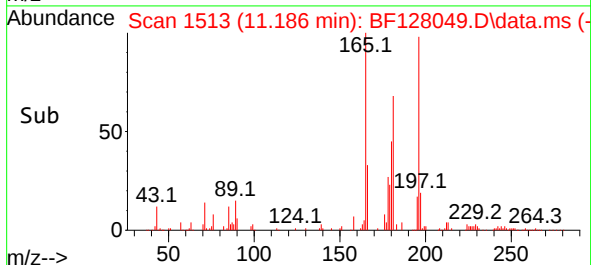
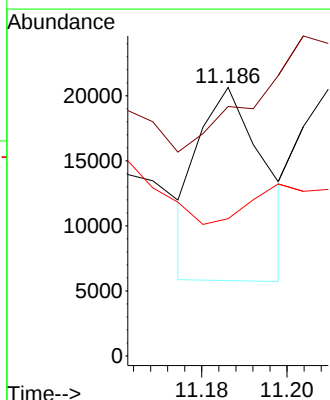
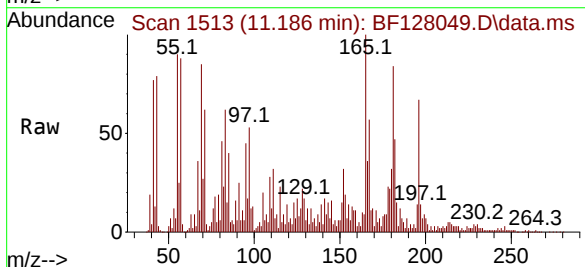
Instrument :
BNA_F
ClientSampleId :
S-6

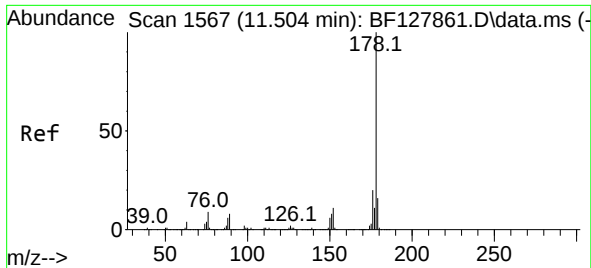
Tgt Ion:169 Resp: 302014
Ion Ratio Lower Upper
169 100
168 44.6 53.8 80.6#
167 47.2 29.5 44.3#



#69
Atrazine
Concen: 10.297 ng
RT: 11.186 min Scan# 1513
Delta R.T. 0.035 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:200 Resp: 15764
Ion Ratio Lower Upper
200 100
173 92.9 6.0 46.0#
215 51.1 28.1 68.1

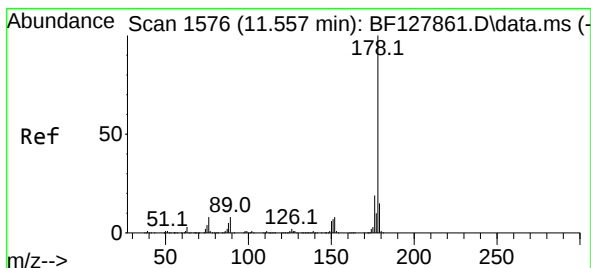
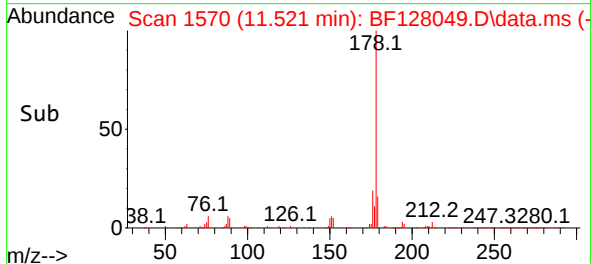
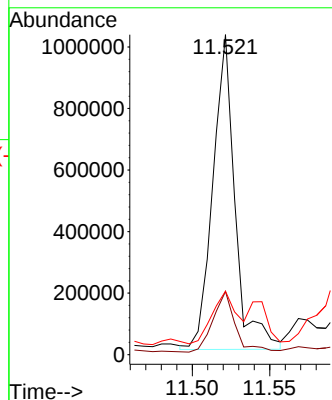
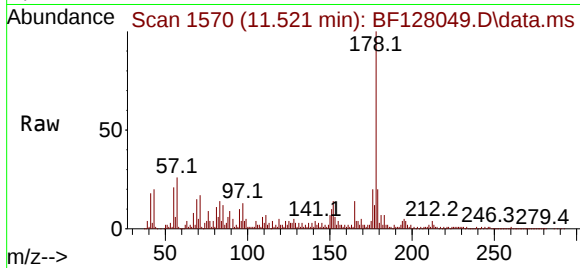




#71
Phenanthrene
Concen: 122.172 ng
RT: 11.521 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

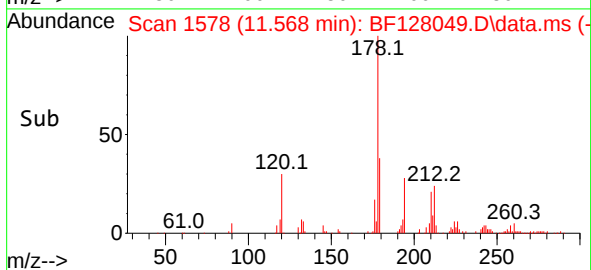
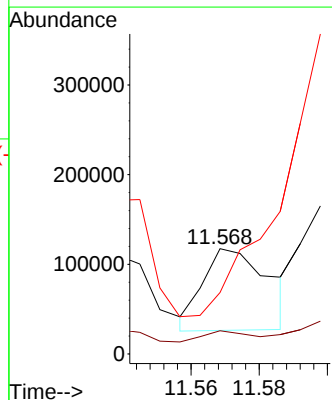
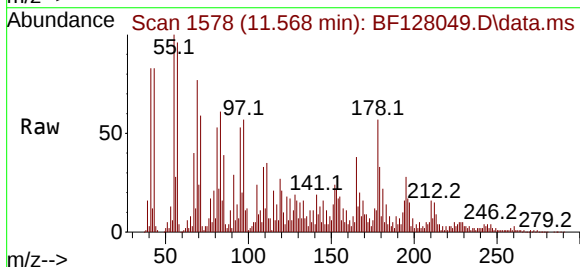
Instrument :
BNA_F
ClientSampleId :
S-6

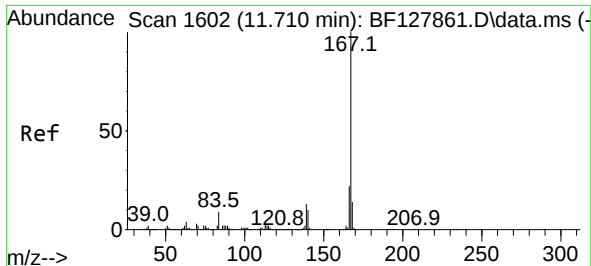
Tgt Ion:178 Resp: 1017556
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 19.9 12.6 19.0#



#72
Anthracene
Concen: 14.609 ng
RT: 11.568 min Scan# 1578
Delta R.T. 0.035 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:178 Resp: 121205
Ion Ratio Lower Upper
178 100
176 22.0 15.0 22.6
179 58.4 12.4 18.6#

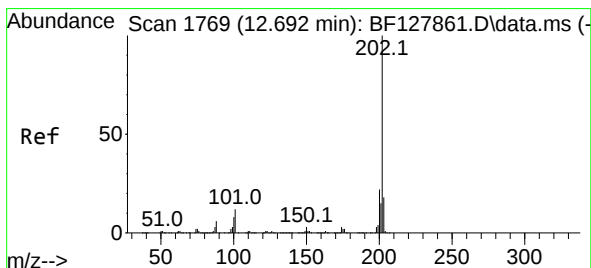
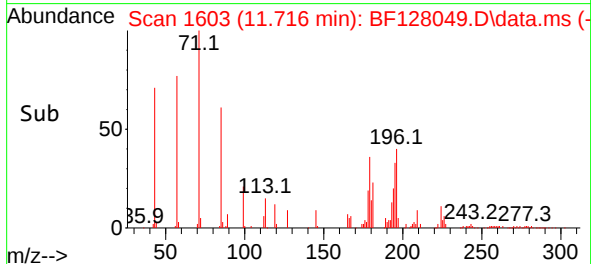
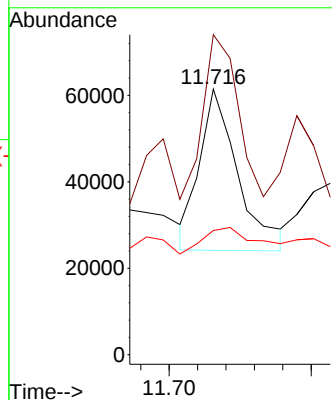
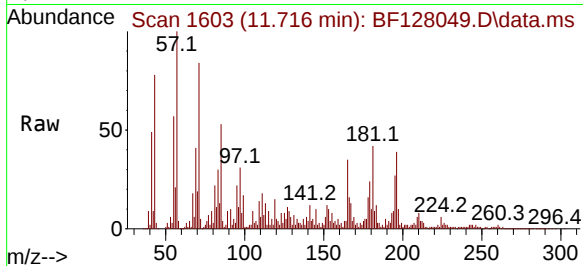




#73
 Carbazole
 Concen: 4.375 ng
 RT: 11.716 min Scan# 1
 Delta R.T. 0.029 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

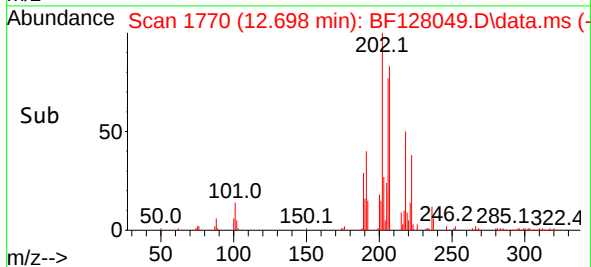
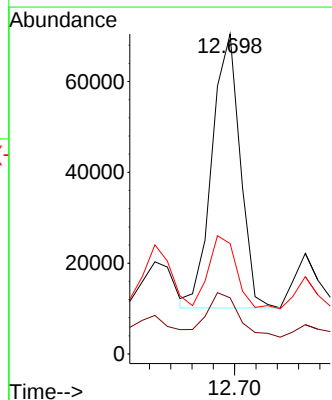
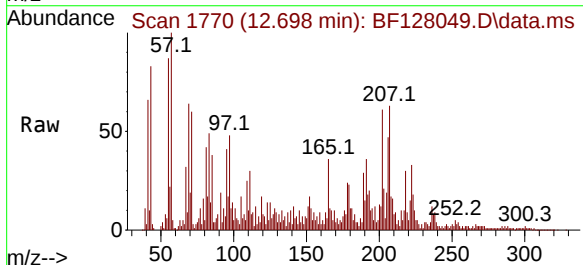
Instrument :
 BNA_F
 ClientSampleId :
 S-6

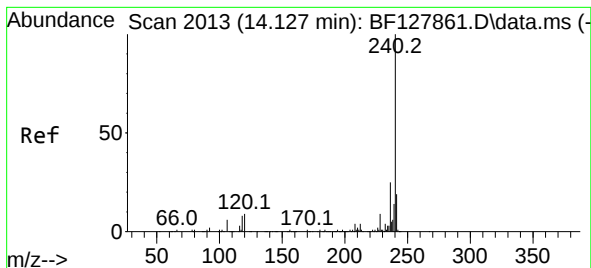
Tgt Ion:167 Resp: 34983
 Ion Ratio Lower Upper
 167 100
 166 120.5 17.6 26.4#
 139 46.8 10.7 16.1#



#75
 Fluoranthene
 Concen: 6.307 ng
 RT: 12.698 min Scan# 1770
 Delta R.T. 0.023 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

Tgt Ion:202 Resp: 55284
 Ion Ratio Lower Upper
 202 100
 101 17.6 0.0 31.6
 203 34.5 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

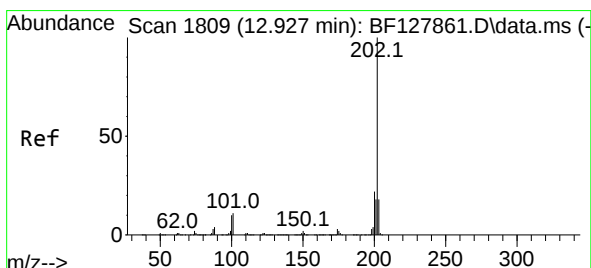
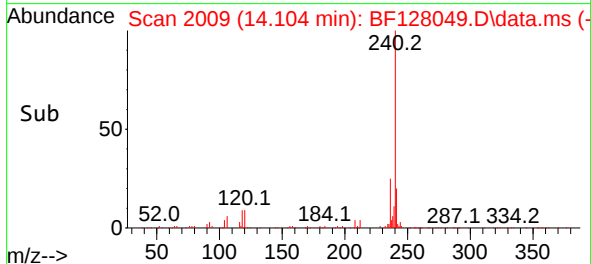
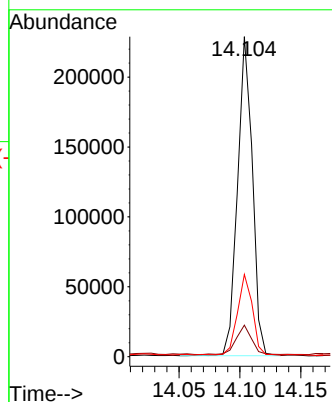
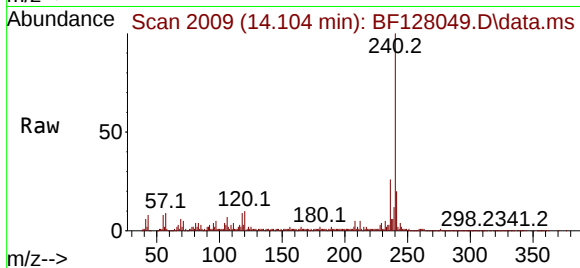
Tgt Ion:240 Resp: 192778

Ion Ratio Lower Upper

240 100

120 9.9 7.0 10.6

236 25.7 20.3 30.5



#78

Pyrene

Concen: 15.157 ng

RT: 12.927 min Scan# 1809

Delta R.T. 0.023 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

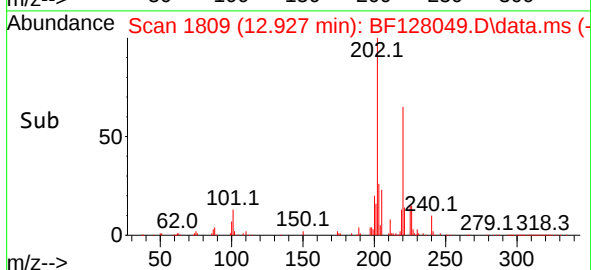
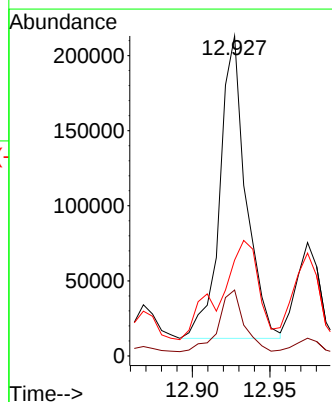
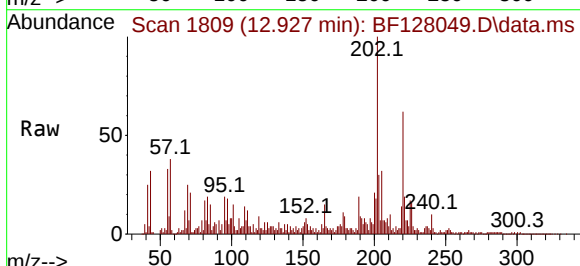
Tgt Ion:202 Resp: 235876

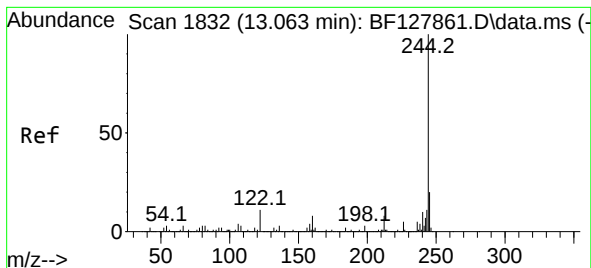
Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

203 30.0 14.0 21.0#





#79

Terphenyl-d14

Concen: 57.435 ng

RT: 13.057 min Scan# 1832

Delta R.T. 0.012 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

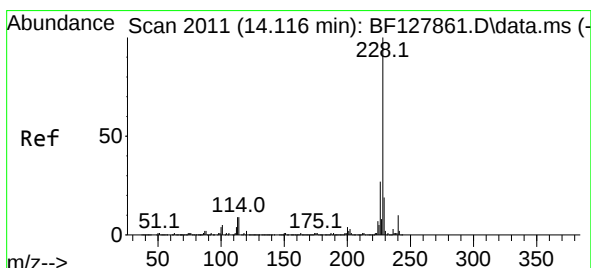
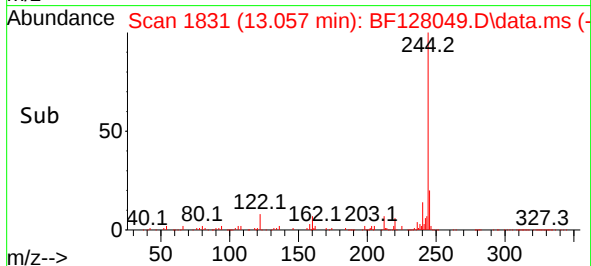
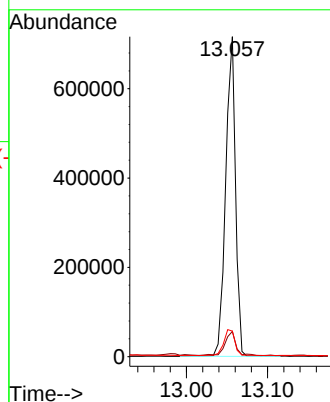
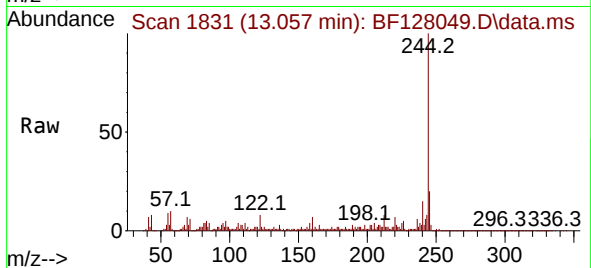
Tgt Ion:244 Resp: 605515

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 8.0 8.6 12.8#



#81

Benzo(a)anthracene

Concen: 3.152 ng

RT: 14.115 min Scan# 2011

Delta R.T. 0.023 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

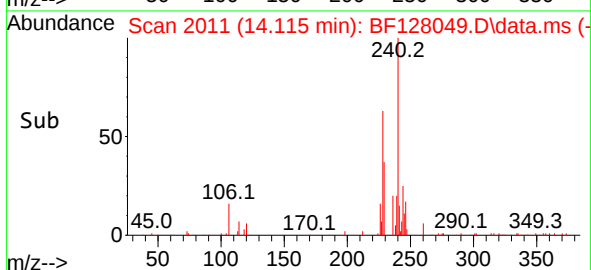
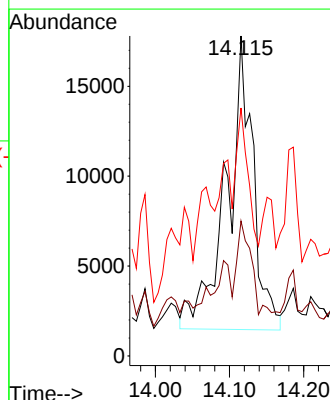
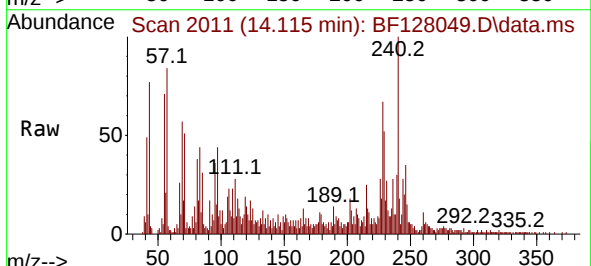
Tgt Ion:228 Resp: 40506

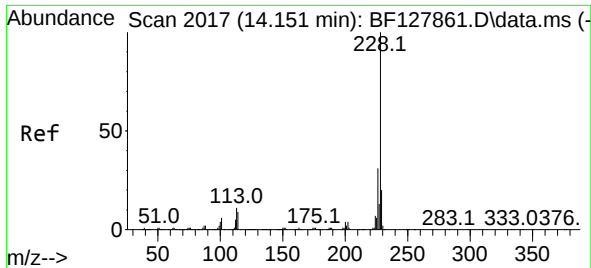
Ion Ratio Lower Upper

228 100

226 42.1 21.7 32.5#

229 77.5 15.4 23.2#

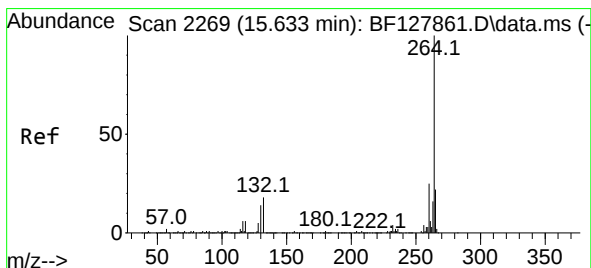
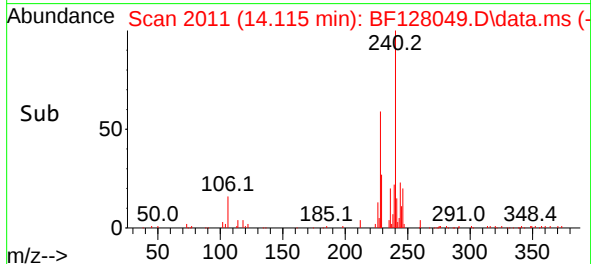
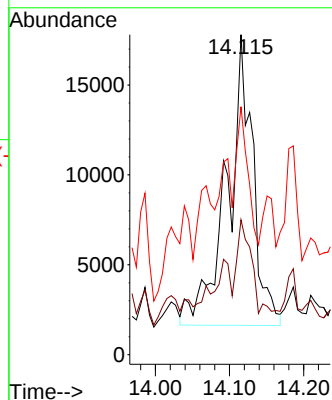
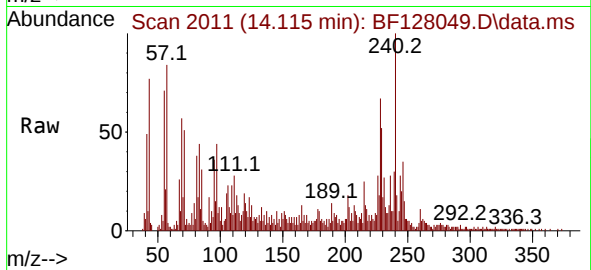




#83
Chrysene
Concen: 3.195 ng
RT: 14.115 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:228 Resp: 39208
Ion Ratio Lower Upper
228 100
226 42.1 24.4 36.6#
229 77.5 15.8 23.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:264 Resp: 211426
Ion Ratio Lower Upper
264 100
260 23.0 20.1 30.1
265 21.3 17.5 26.3

