

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127149.D
 Acq On : 02 Mar 2022 16:10
 Operator : CG\JU
 Sample : N1725-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Mar 03 00:56:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

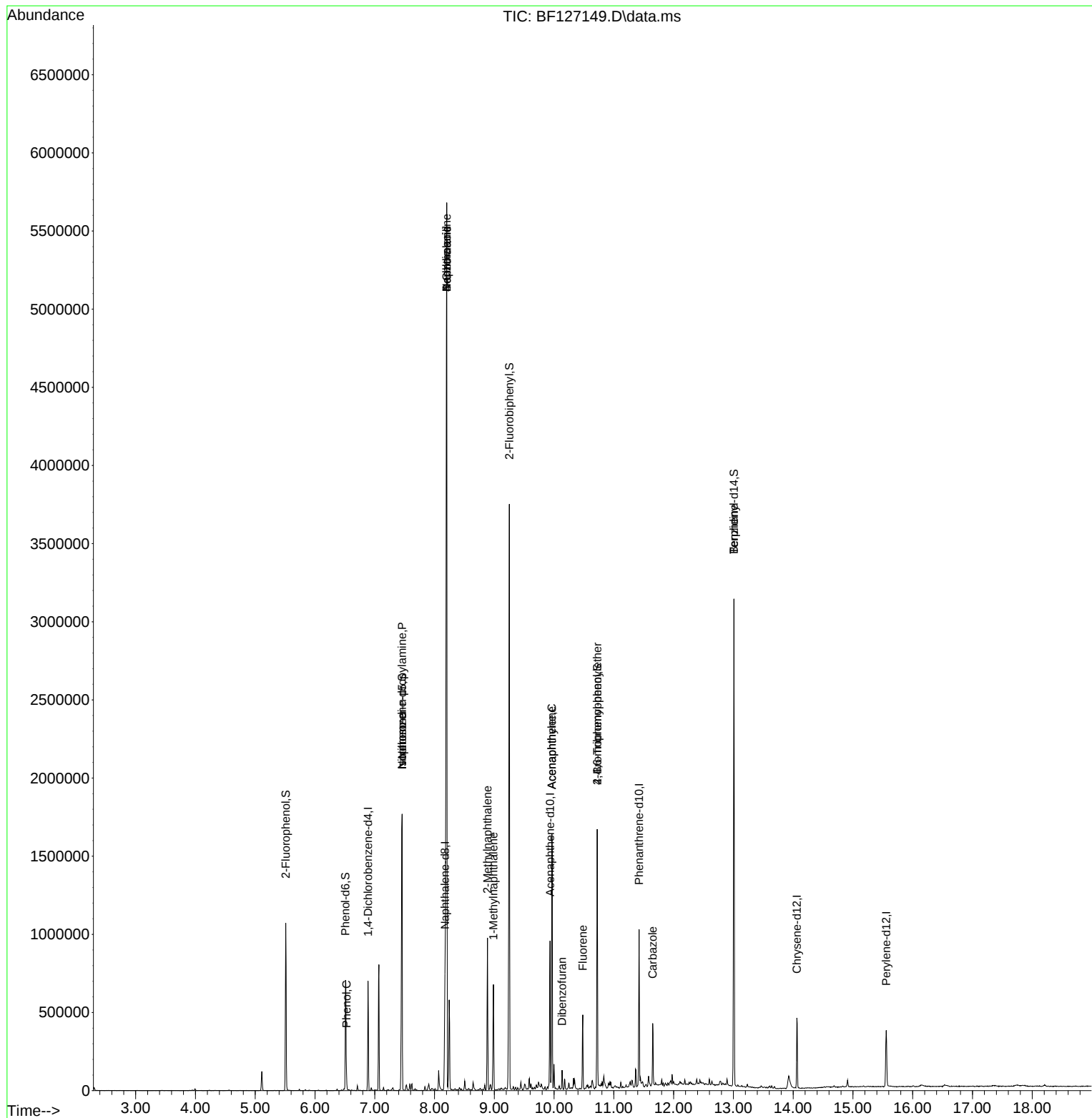
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	88321	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	349426	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	171862	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	307794	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	144911	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	154342	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	245575	42.974	ng	0.00
7) Phenol-d6	6.510	99	225886	29.295	ng	-0.01
23) Nitrobenzene-d5	7.457	82	629739	81.347	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	178203	90.058	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1043178	89.358	ng	0.00
79) Terphenyl-d14	13.010	244	996597	101.099	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	25554	3.280	ng	85
19) n-Nitroso-di-n-propyla...	7.457	70	88335	17.779	ng	# 76
25) Isophorone	7.457	82	628332	49.050	ng	# 69
31) Naphthalene	8.204	128	2907244	159.383	ng	97
32) Benzoic acid	8.204	122	7872	2.170	ng	# 1
33) 4-Chloroaniline	8.204	127	397399	55.351	ng	# 32
37) 2-Methylnaphthalene	8.886	142	226160	19.108	ng	94
38) 1-Methylnaphthalene	8.986	142	159927	14.110	ng	96
49) Acenaphthylene	9.963	152	183323	11.177	ng	# 1
52) Acenaphthene	9.963	154	344687	32.314	ng	98
55) Dibenzofuran	10.133	168	34522	2.354	ng	# 87
58) Fluorene	10.480	166	114173	9.993	ng	97
67) 4-Bromophenyl-phenylether	10.722	248	10375	3.017	ng	# 1
73) Carbazole	11.651	167	137702	8.755	ng	99
77) Benzidine	13.010	184	15107	3.836	ng	# 90

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

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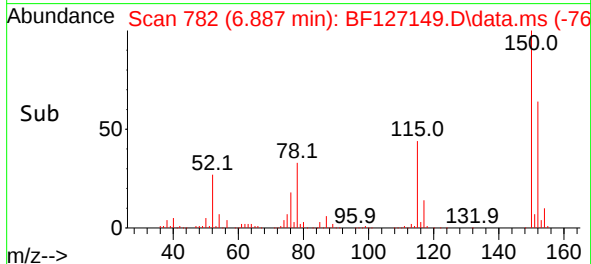
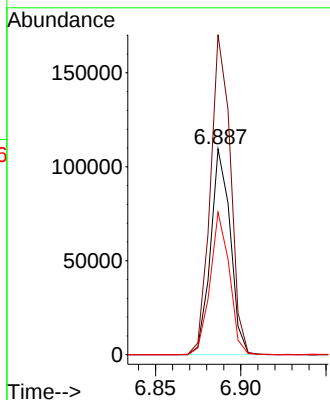
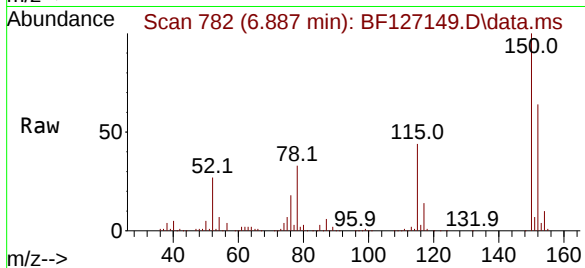




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

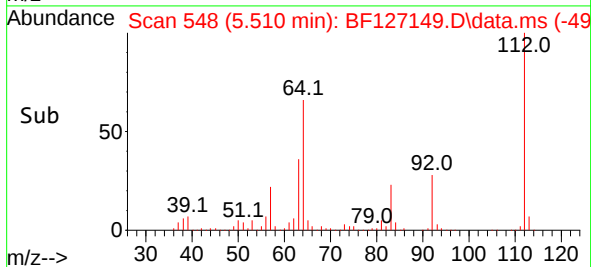
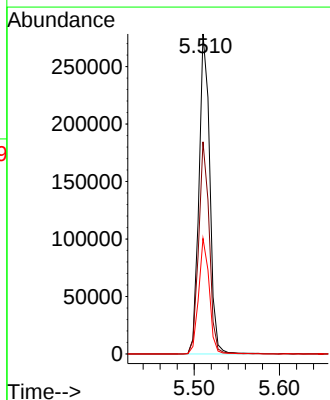
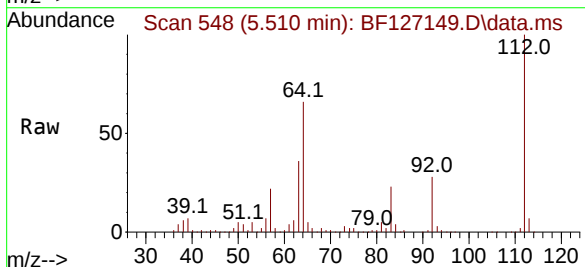
Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 88321
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 69.2 56.7 85.1



#5
2-Fluorophenol
Concen: 42.974 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion:112 Resp: 245575
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 36.1 23.9 35.9#

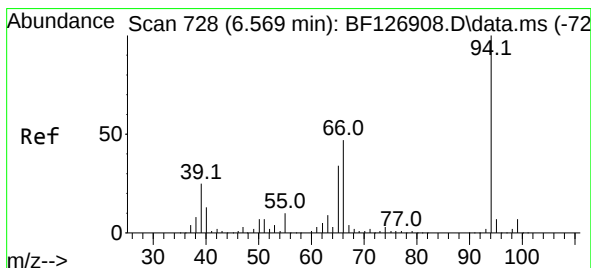
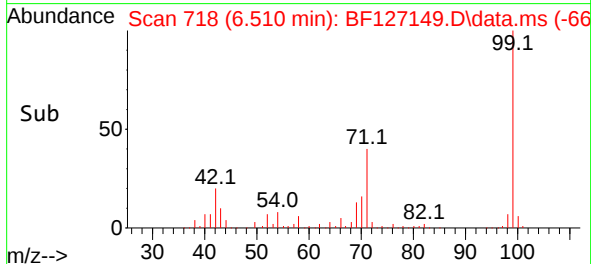
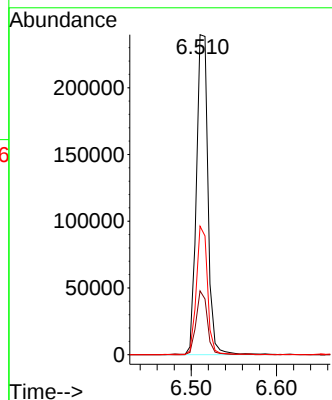
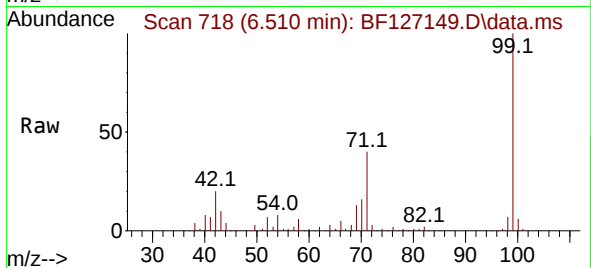




#7
Phenol-d6
Concen: 29.295 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

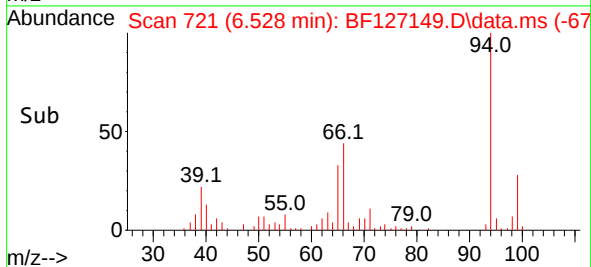
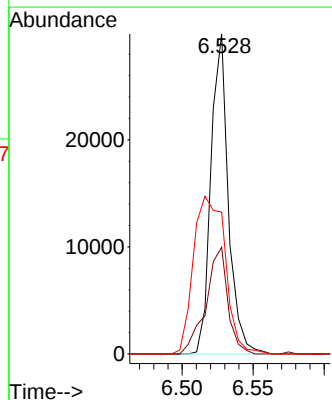
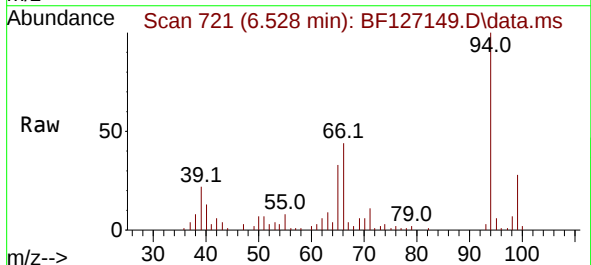
Instrument :
BNA_F
ClientSampleId :
MW-03

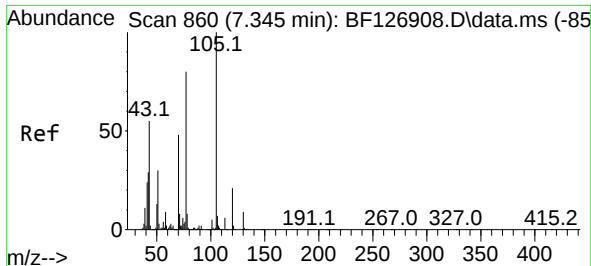
Tgt Ion: 99 Resp: 225886
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 40.2 24.3 36.5#



#10
Phenol
Concen: 3.280 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion: 94 Resp: 25554
Ion Ratio Lower Upper
94 100
65 33.4 7.2 47.2
66 44.3 14.5 54.5

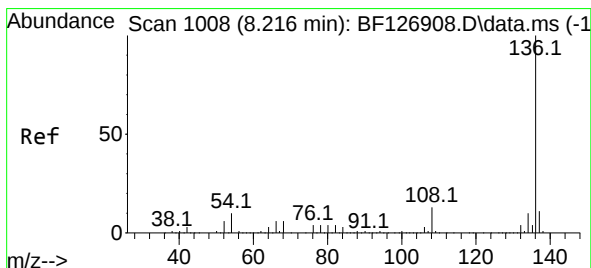
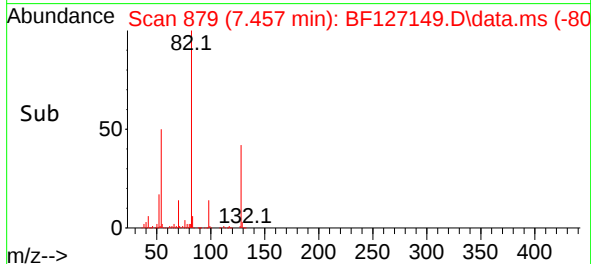
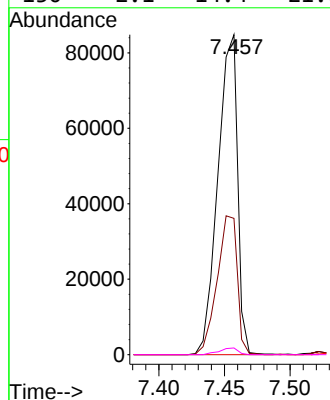
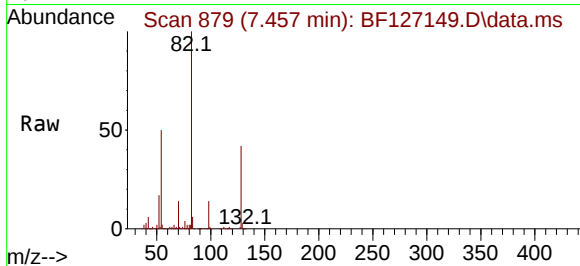




#19
n-Nitroso-di-n-propylamine
Concen: 17.779 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

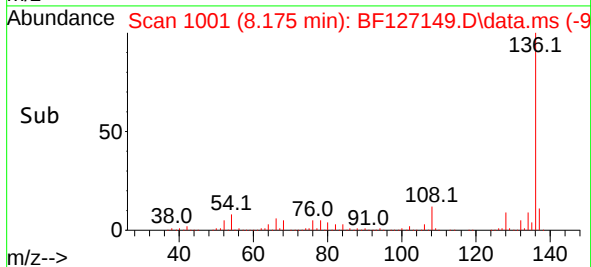
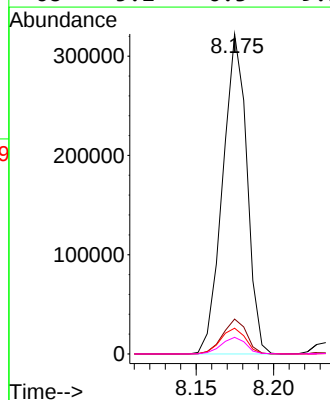
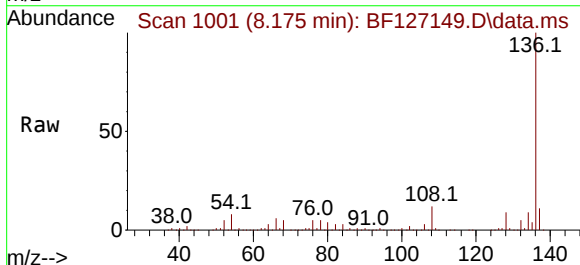
Instrument :
BNA_F
ClientSampleId :
MW-03

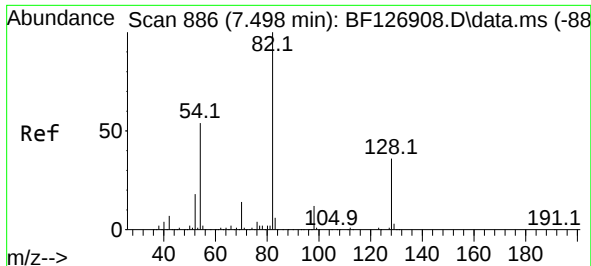
Tgt Ion: 70 Resp: 88335
Ion Ratio Lower Upper
70 100
42 42.6 45.8 68.8#
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion: 136 Resp: 349426
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.8 11.6
68 5.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 81.347 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

Instrument :

BNA_F

ClientSampleId :

MW-03

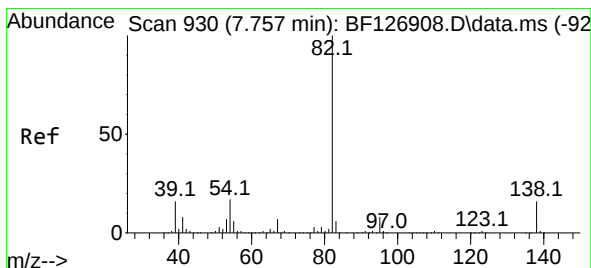
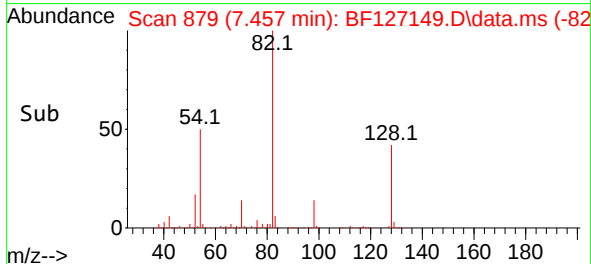
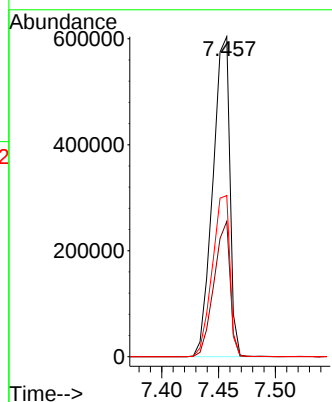
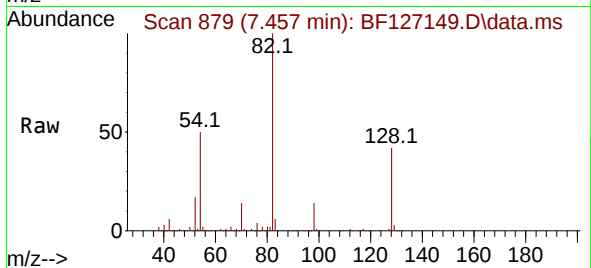
Tgt Ion: 82 Resp: 629739

Ion Ratio Lower Upper

82 100

128 42.2 32.7 49.1

54 50.4 41.7 62.5



#25

Isophorone

Concen: 49.050 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.259 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

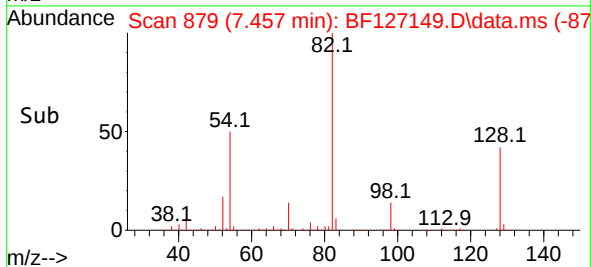
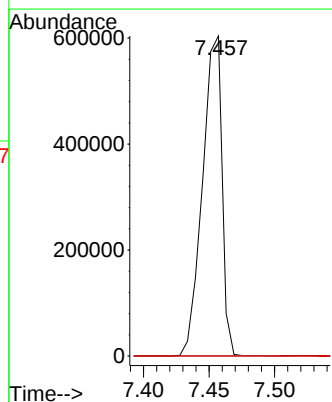
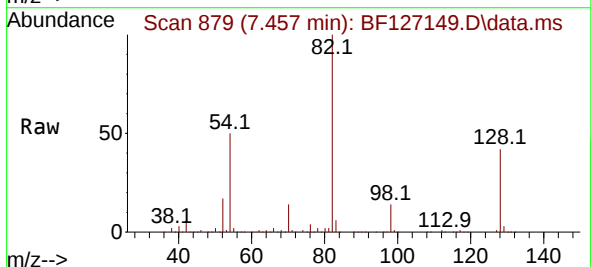
Tgt Ion: 82 Resp: 628332

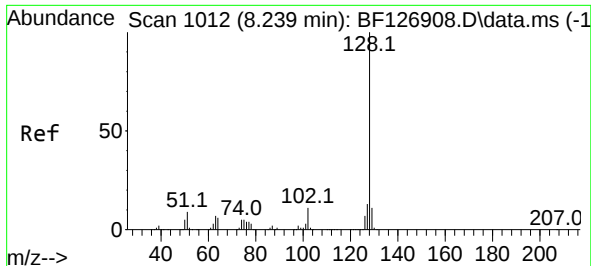
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

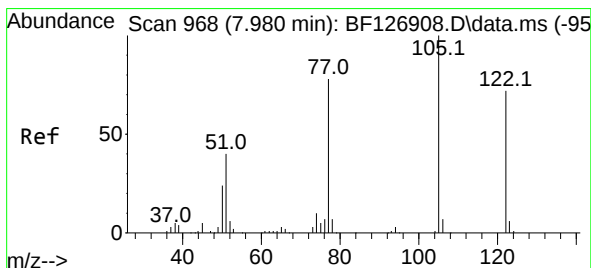
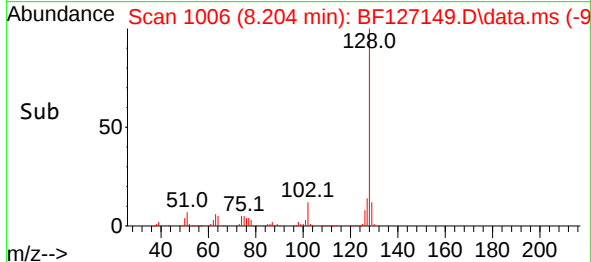
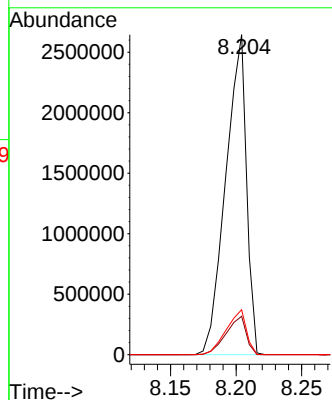
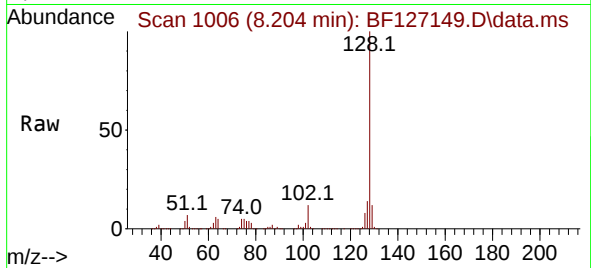




#31
Naphthalene
Concen: 159.383 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

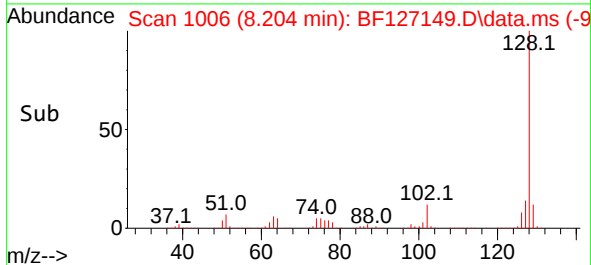
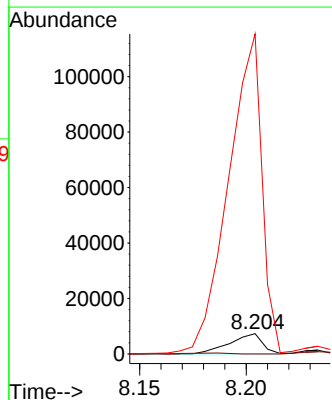
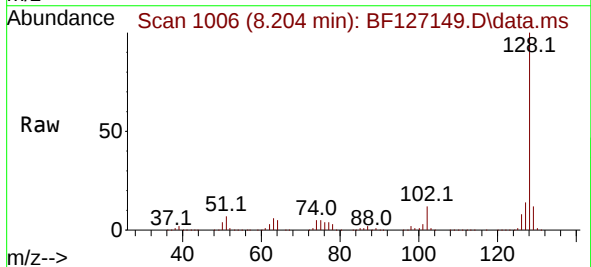
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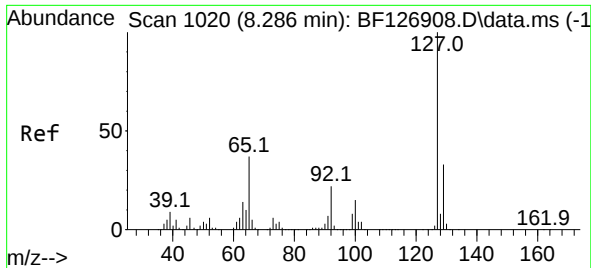
Tgt Ion:128 Resp: 2907244
Ion Ratio Lower Upper
128 100
129 12.0 8.6 13.0
127 14.1 10.3 15.5



#32
Benzoic acid
Concen: 2.170 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.253 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion:122 Resp: 7872
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 1575.5 74.5 114.5#

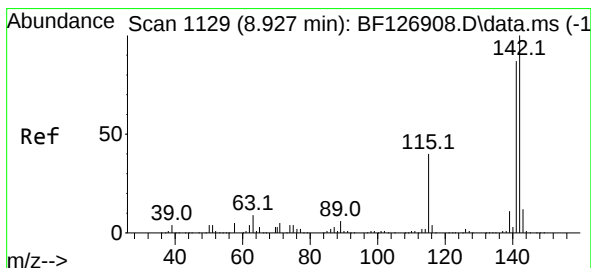
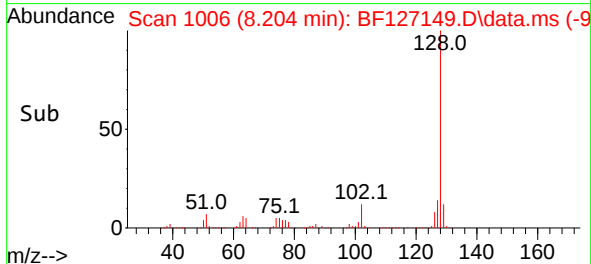
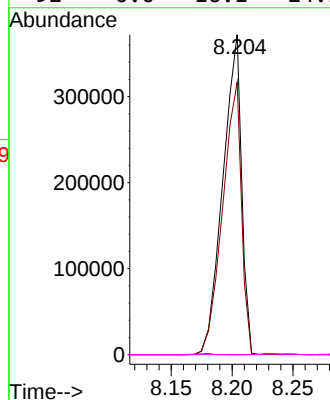
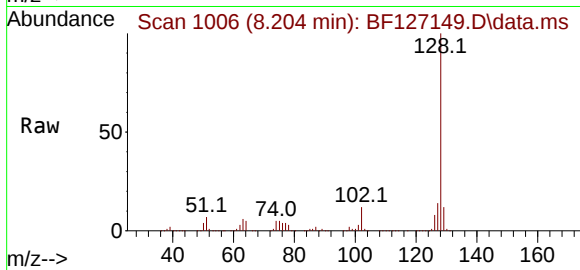




#33
4-Chloroaniline
Concen: 55.351 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

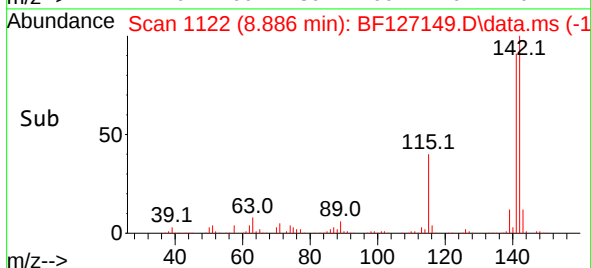
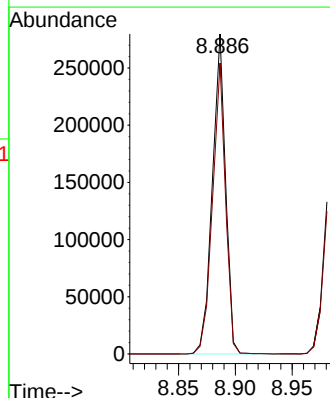
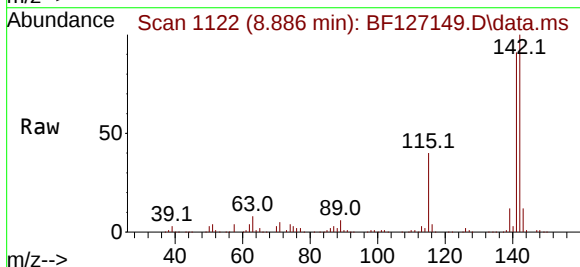
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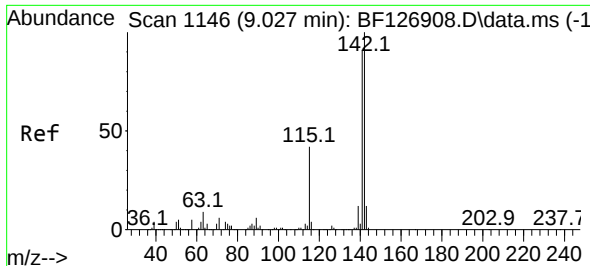
Tgt Ion:127 Resp: 397399
Ion Ratio Lower Upper
127 100
129 85.2 26.5 39.7#
65 0.0 26.6 39.8#
92 0.0 16.1 24.1#



#37
2-Methylnaphthalene
Concen: 19.108 ng
RT: 8.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion:142 Resp: 226160
Ion Ratio Lower Upper
142 100
141 90.9 68.6 102.8





#38

1-Methylnaphthalene

Concen: 14.110 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

Instrument :

BNA_F

ClientSampleId :

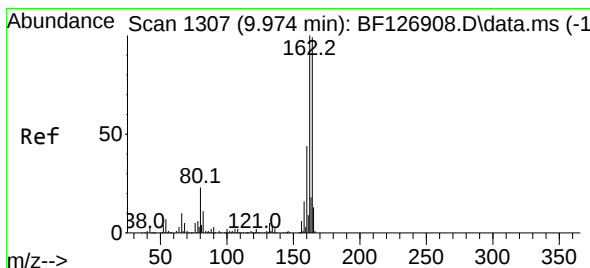
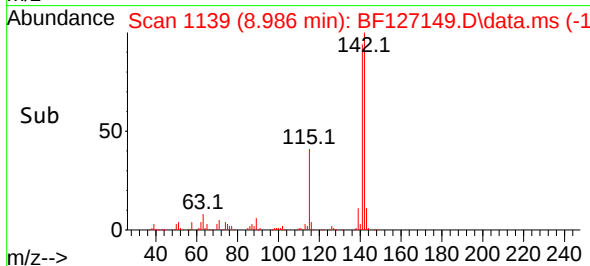
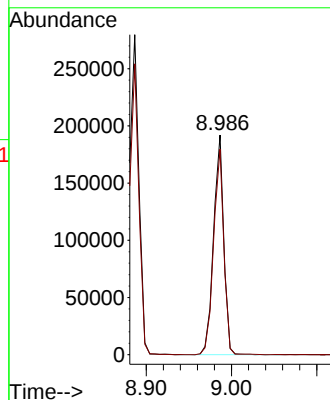
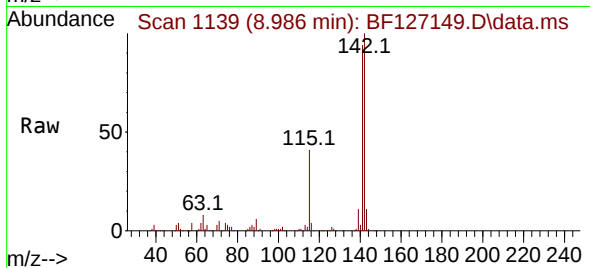
MW-03

Tgt Ion:142 Resp: 159927

Ion Ratio Lower Upper

142 100

141 93.6 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

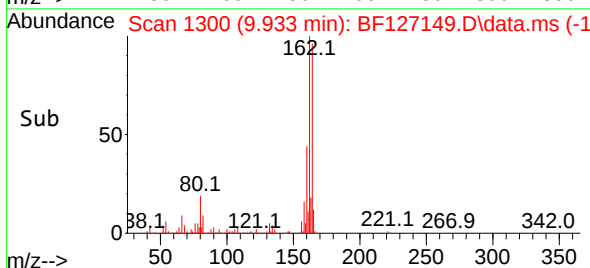
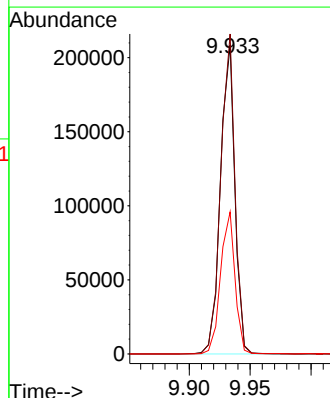
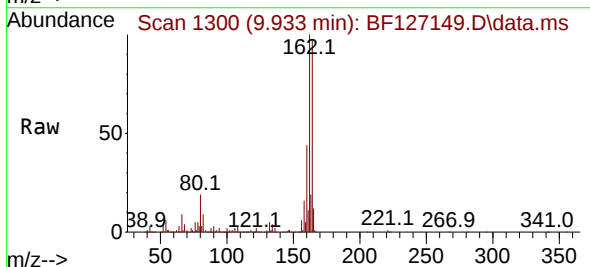
Tgt Ion:164 Resp: 171862

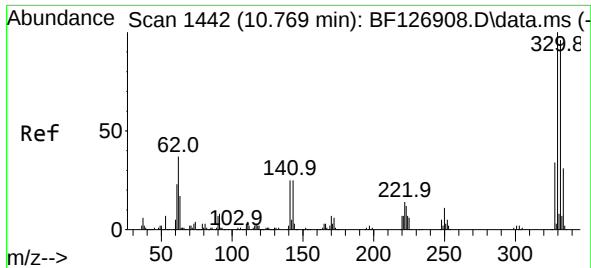
Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

160 46.0 36.6 54.8

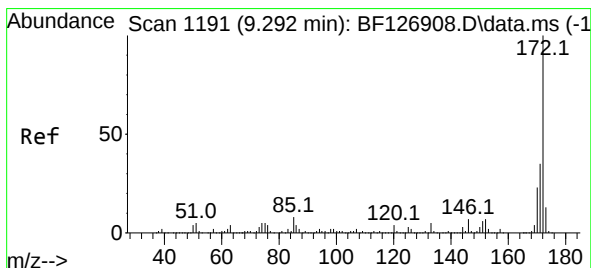
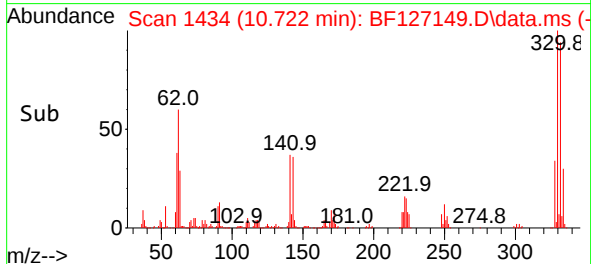
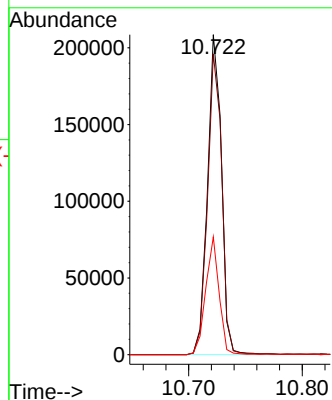
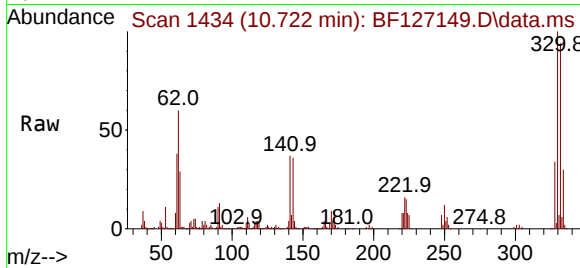




#42
2,4,6-Tribromophenol
Concen: 90.058 ng
RT: 10.722 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

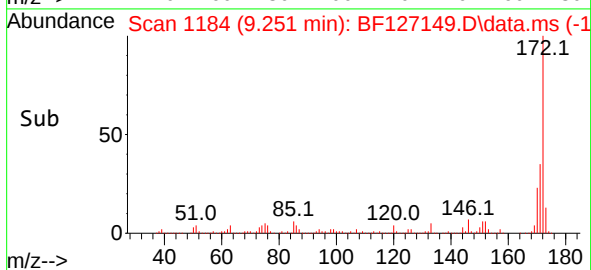
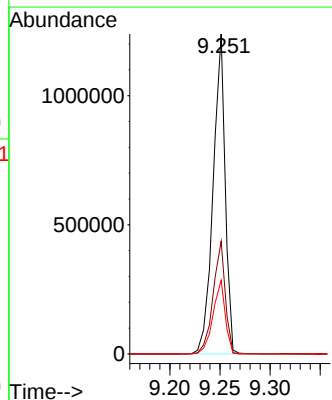
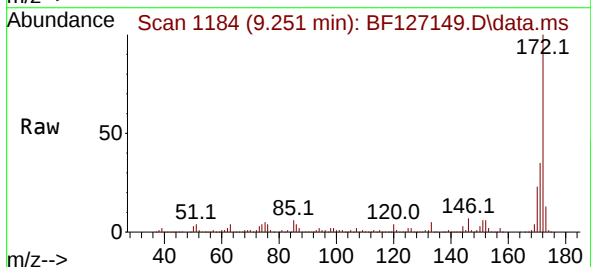
Instrument :
BNA_F
ClientSampleId :
MW-03

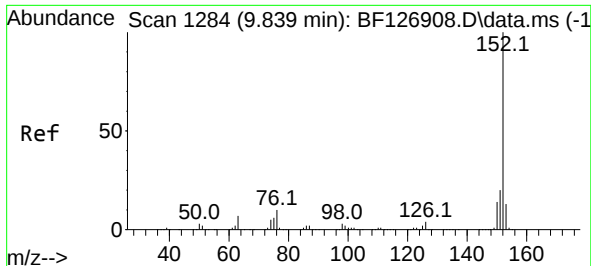
Tgt Ion: 330 Resp: 178203
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 35.3 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 89.358 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion: 172 Resp: 1043178
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 19.0 28.6





#49

Acenaphthylene

Concen: 11.177 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.165 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

Instrument :

BNA_F

ClientSampleId :

MW-03

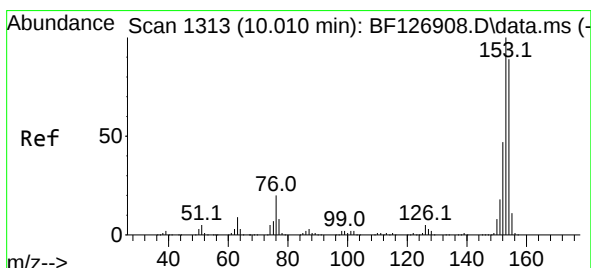
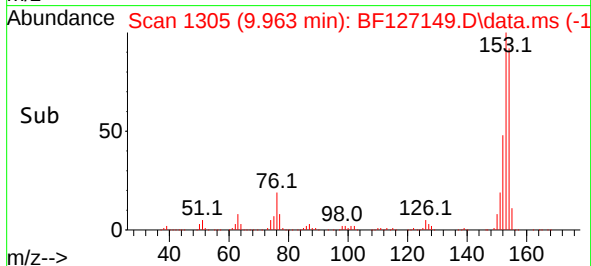
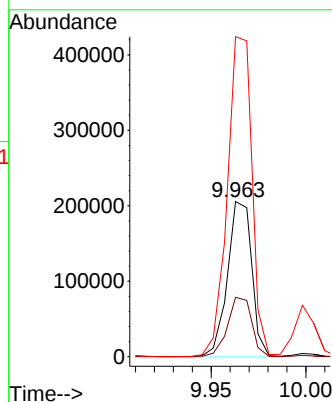
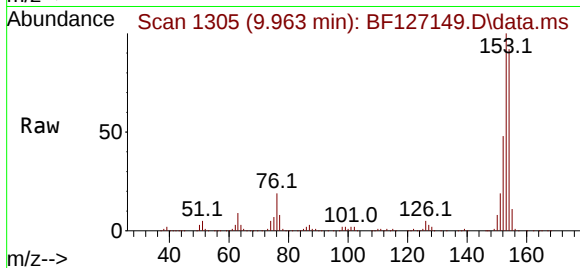
Tgt Ion:152 Resp: 183323

Ion Ratio Lower Upper

152 100

151 38.3 15.7 23.5#

153 206.3 11.4 17.0#



#52

Acenaphthene

Concen: 32.314 ng

RT: 9.963 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

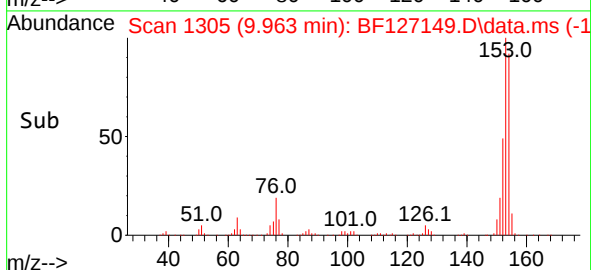
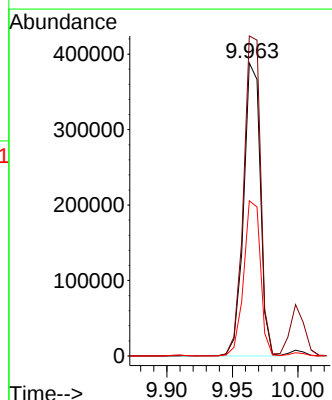
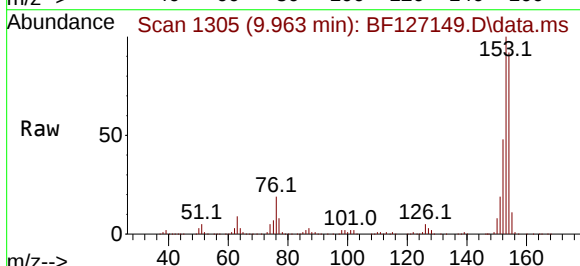
Tgt Ion:154 Resp: 344687

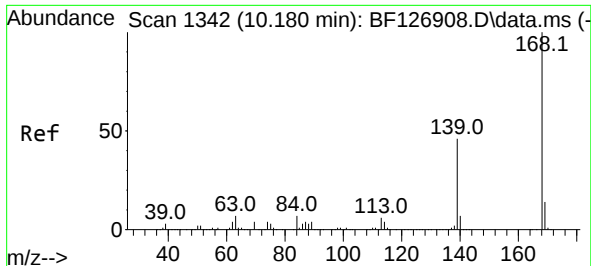
Ion Ratio Lower Upper

154 100

153 109.2 87.8 131.6

152 53.0 39.4 59.2

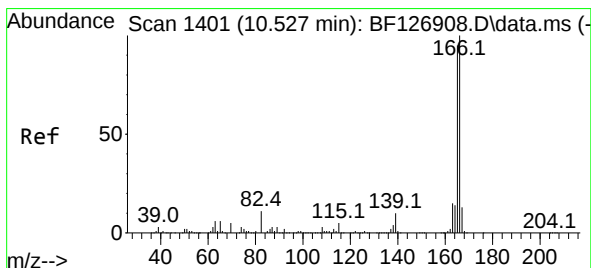
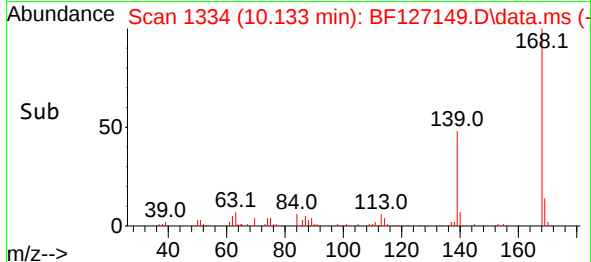
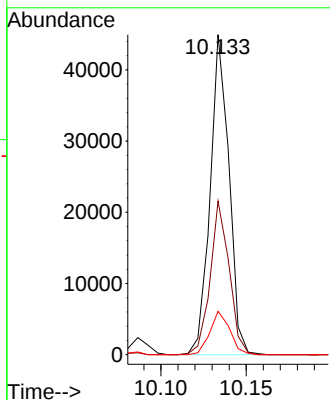
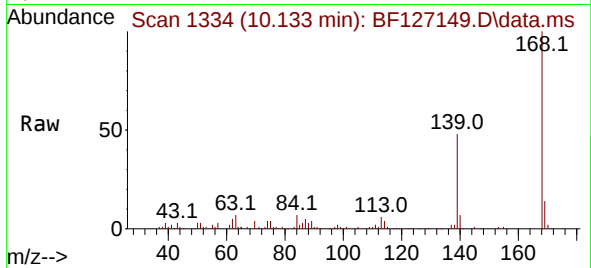




#55
Dibenzenofuran
Concen: 2.354 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

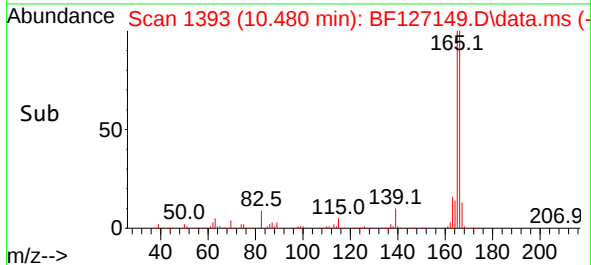
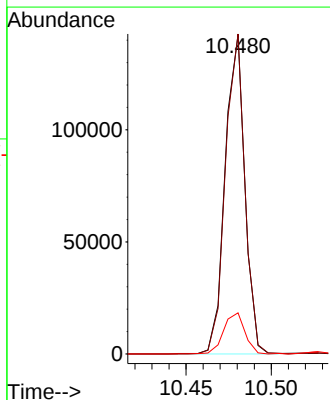
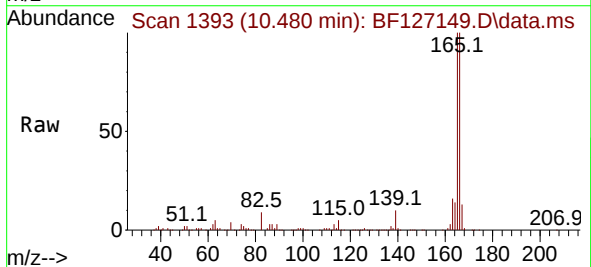
Instrument :
BNA_F
ClientSampleId :
MW-03

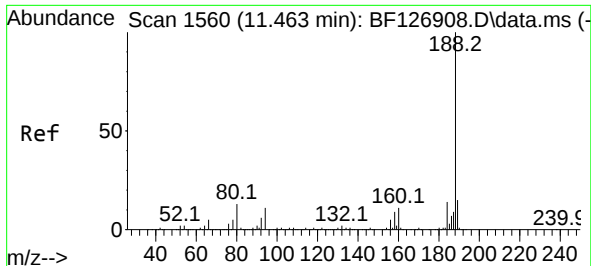
Tgt Ion:168 Resp: 34522
Ion Ratio Lower Upper
168 100
139 48.0 30.6 46.0#
169 13.5 10.0 15.0



#58
Fluorene
Concen: 9.993 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion:166 Resp: 114173
Ion Ratio Lower Upper
166 100
165 100.3 77.7 116.5
167 12.9 10.7 16.1

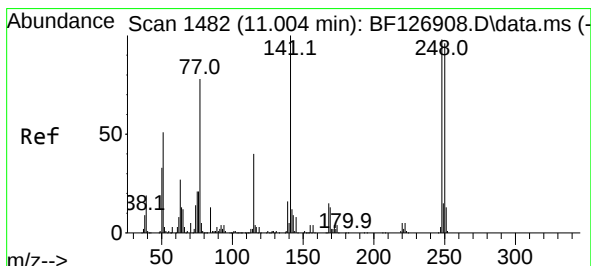
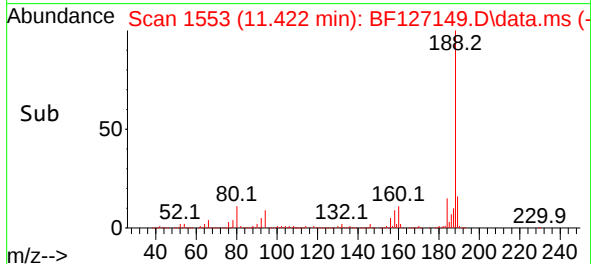
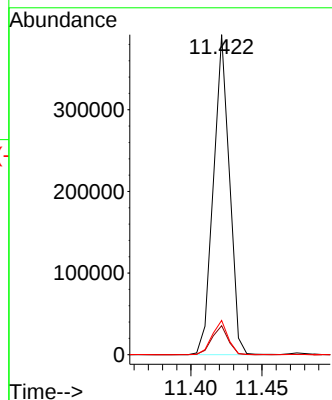
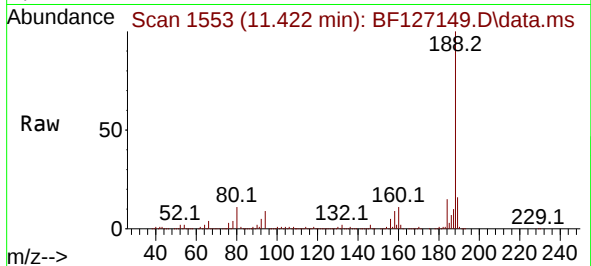




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

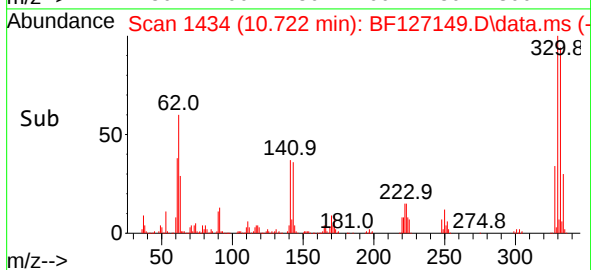
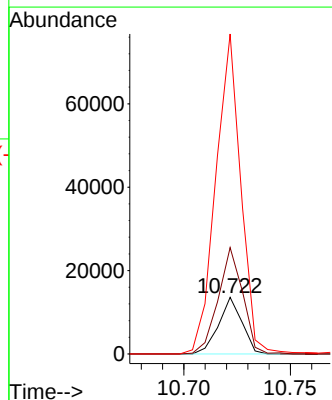
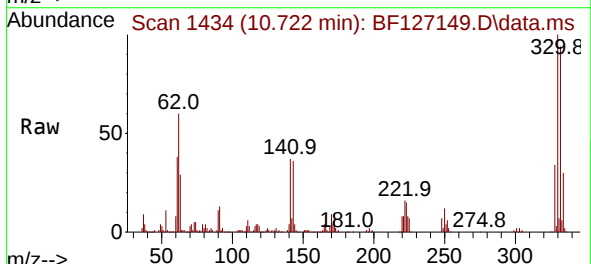
Instrument :
BNA_F
ClientSampleId :
MW-03

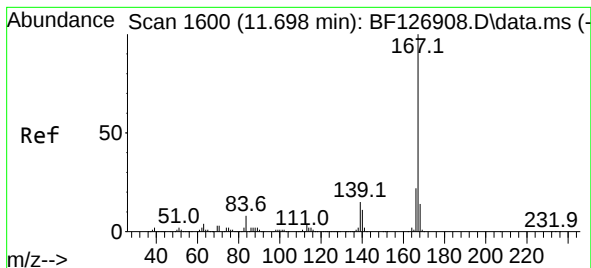
Tgt Ion:188 Resp: 307794
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 10.7 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.017 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF127149.D
Acq: 02 Mar 2022 16:10

Tgt Ion:248 Resp: 10375
Ion Ratio Lower Upper
248 100
250 188.1 76.2 114.4#
141 565.5 66.2 99.4#





#73

Carbazole

Concen: 8.755 ng

RT: 11.651 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

Instrument :

BNA_F

ClientSampleId :

MW-03

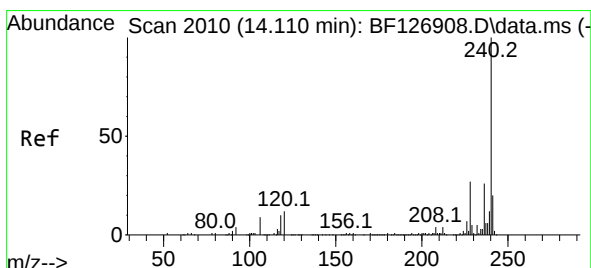
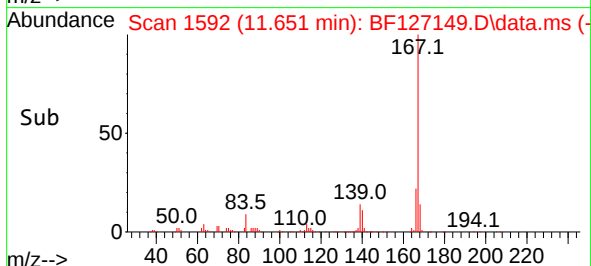
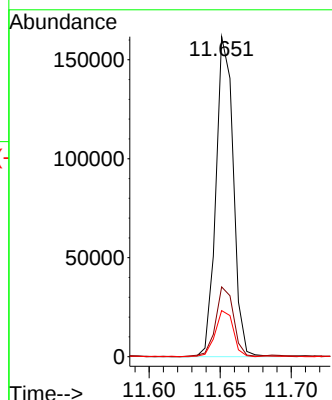
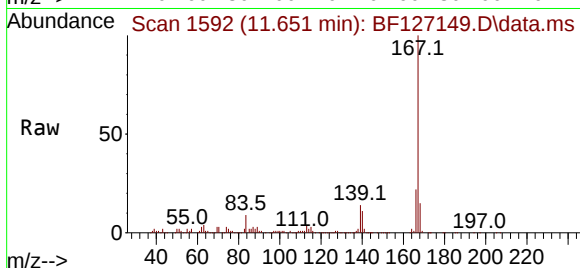
Tgt Ion:167 Resp: 137702

Ion Ratio Lower Upper

167 100

166 21.8 16.9 25.3

139 14.4 11.3 16.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.012 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

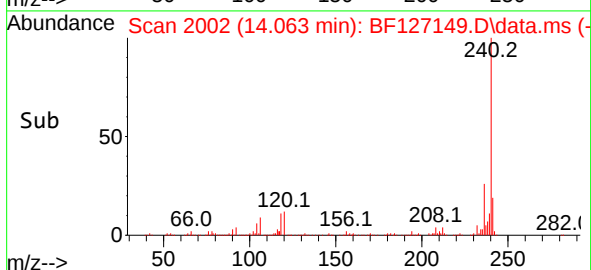
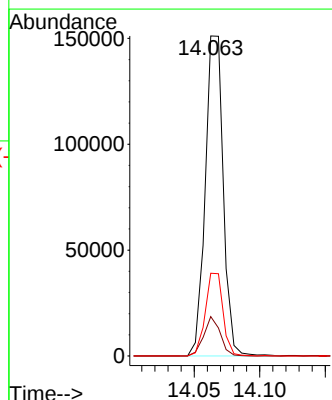
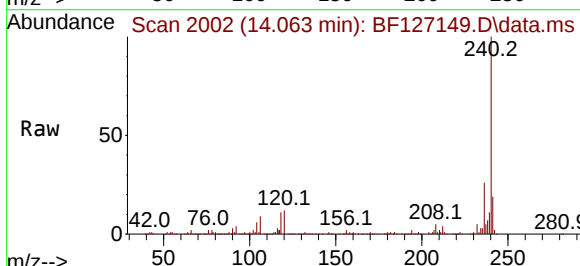
Tgt Ion:240 Resp: 144911

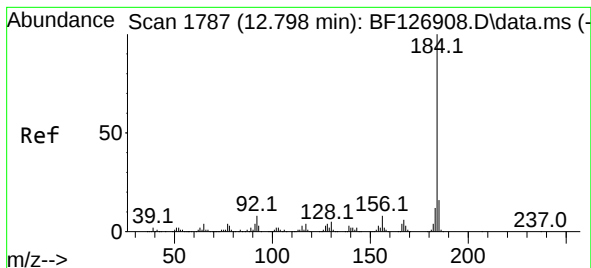
Ion Ratio Lower Upper

240 100

120 12.3 14.4 21.6#

236 25.8 20.5 30.7





#77

Benzidine

Concen: 3.836 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

Instrument :

BNA_F

ClientSampleId :

MW-03

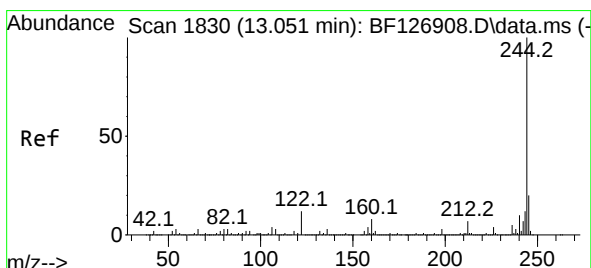
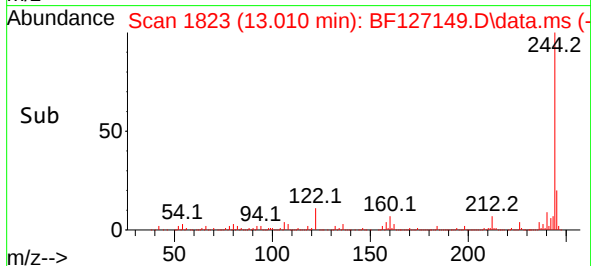
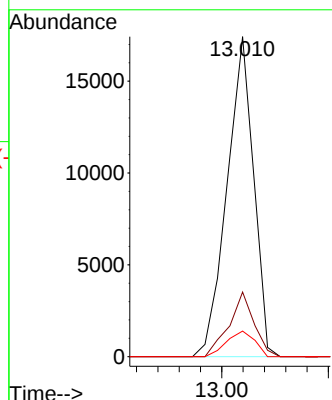
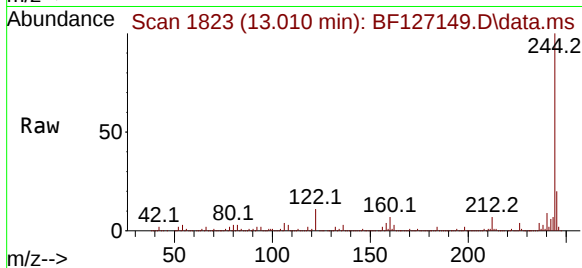
Tgt Ion:184 Resp: 15107

Ion Ratio Lower Upper

184 100

185 20.2 11.8 17.8#

183 8.0 8.2 12.2#



#79

Terphenyl-d14

Concen: 101.099 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF127149.D

Acq: 02 Mar 2022 16:10

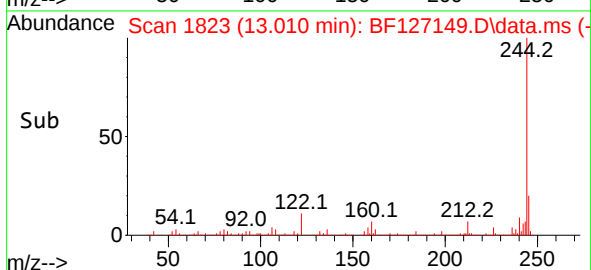
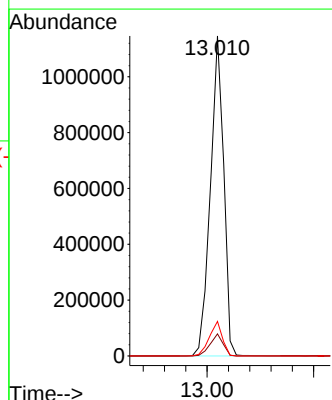
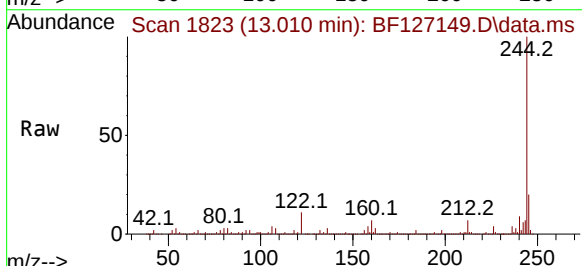
Tgt Ion:244 Resp: 996597

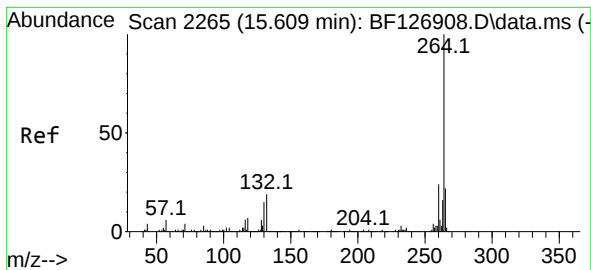
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

122 10.8 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF127149.D
 Acq: 02 Mar 2022 16:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion:264 Resp: 154342
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 20.3 17.4 26.2

