

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127118.D
 Acq On : 01 Mar 2022 16:09
 Operator : CG\JU
 Sample : N1688-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Mar 02 00:01:00 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)

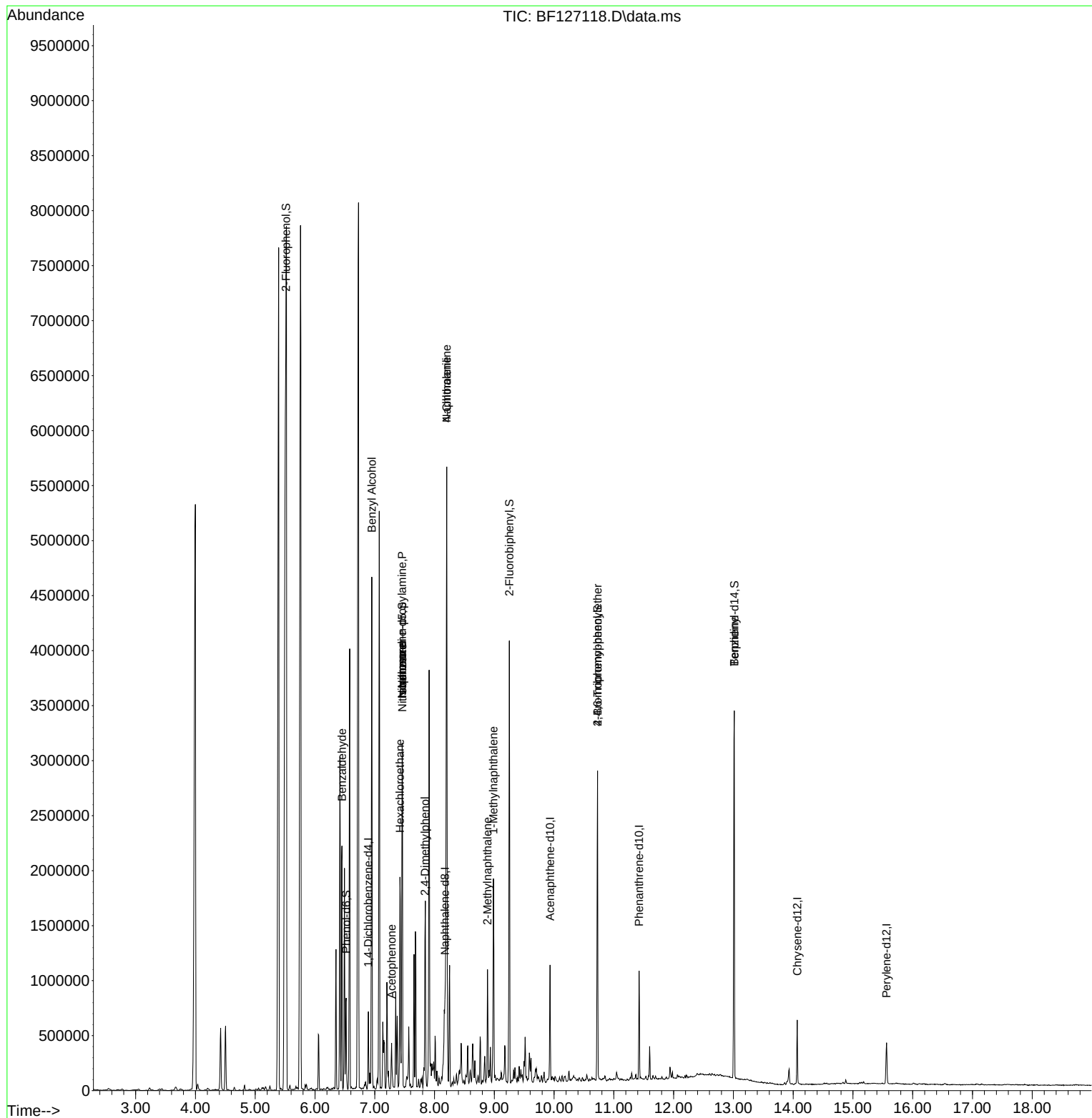
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85666	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	339402	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	175685	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	318083	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	165064	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	152451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	286215	51.638	ng	0.00
7) Phenol-d6	6.522	99	274771	36.739	ng	0.00
23) Nitrobenzene-d5	7.457	82	688822	91.607	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	321511	158.946	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1121528	93.979	ng	0.00
79) Terphenyl-d14	13.015	244	1159877	103.297	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	92035	20.216	ng	# 1
15) Benzyl Alcohol	6.951	79	143267	22.738	ng	# 8
18) Hexachloroethane	7.422	117	159555	64.003	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	93918	19.488	ng	# 82
22) Acetophenone	7.281	105	149552	16.736	ng	# 54
24) Nitrobenzene	7.463	77	29500	4.153	ng	# 7
25) Isophorone	7.457	82	686967	55.211	ng	# 69
27) 2,4-Dimethylphenol	7.839	122	15996	3.220	ng	88
31) Naphthalene	8.204	128	2628545	148.360	ng	97
33) 4-Chloroaniline	8.204	127	357069	51.202	ng	# 33
37) 2-Methylnaphthalene	8.886	142	220856	19.211	ng	96
38) 1-Methylnaphthalene	8.986	142	358529	32.567	ng	99
67) 4-Bromophenyl-phenylether	10.727	248	19074	5.367	ng	# 1
77) Benzidine	13.015	184	17949	4.001	ng	# 93

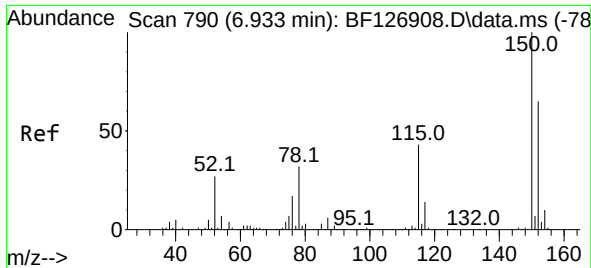
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127118.D
Acq On : 01 Mar 2022 16:09
Operator : CG\JU
Sample : N1688-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-25

Quant Time: Mar 02 00:01:00 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

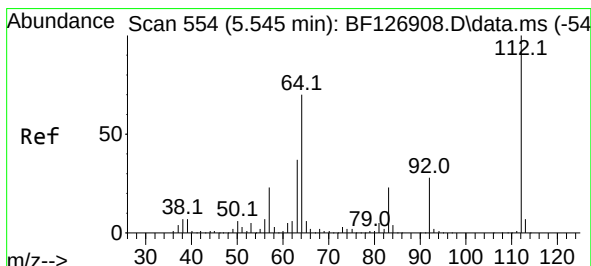
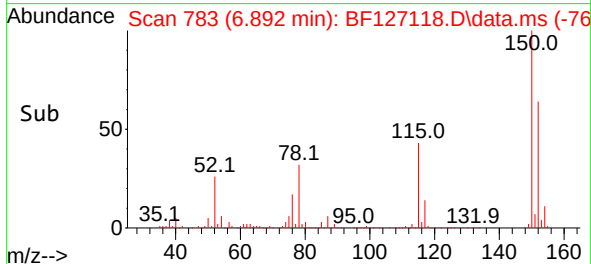
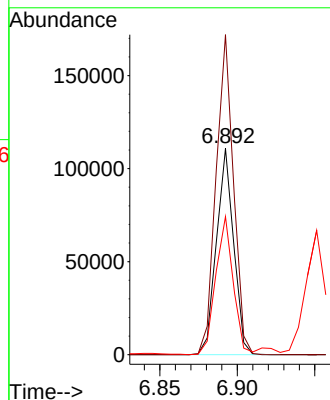
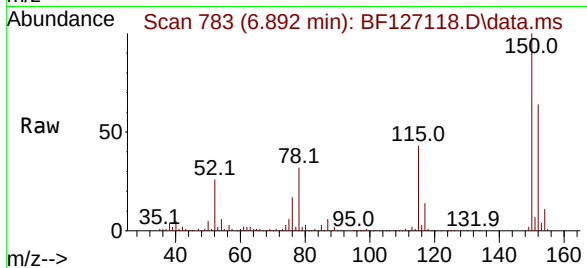




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127118.D
 Acq: 01 Mar 2022 16:09

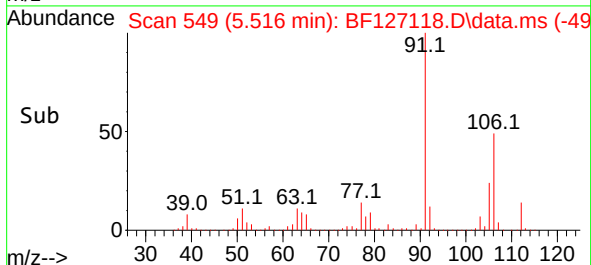
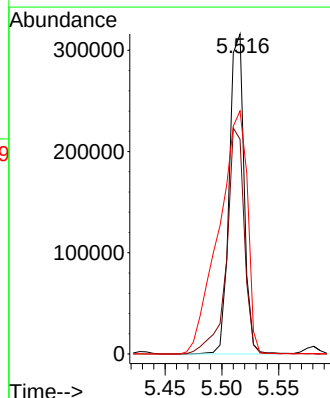
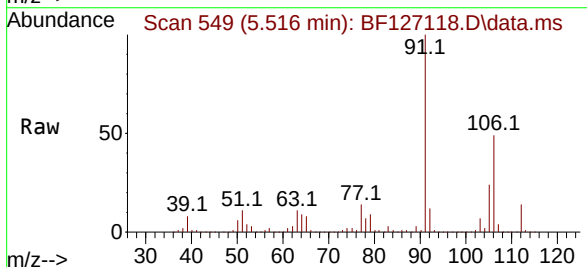
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

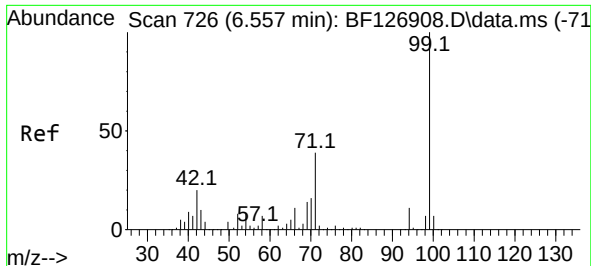
Tgt Ion:152 Resp: 85666
 Ion Ratio Lower Upper
 152 100
 150 155.1 128.1 192.1
 115 67.0 56.7 85.1



#5
 2-Fluorophenol
 Concen: 51.638 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127118.D
 Acq: 01 Mar 2022 16:09

Tgt Ion:112 Resp: 286215
 Ion Ratio Lower Upper
 112 100
 64 67.1 49.5 74.3
 63 76.0 23.9 35.9#

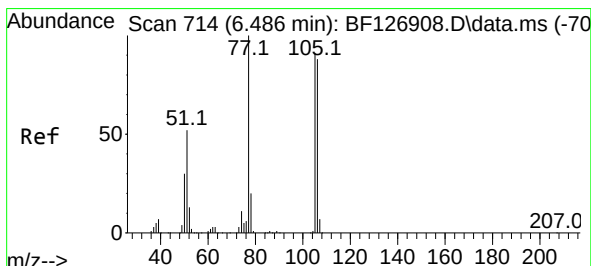
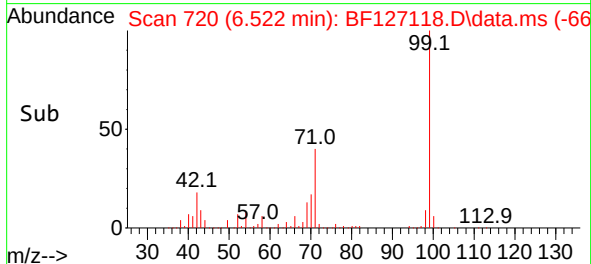
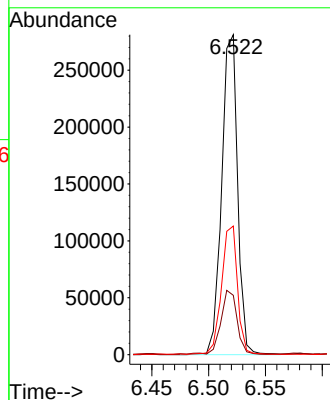
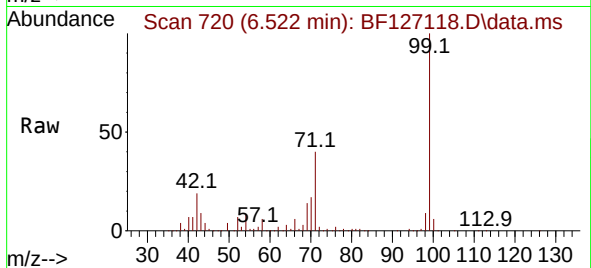




#7
Phenol-d6
Concen: 36.739 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

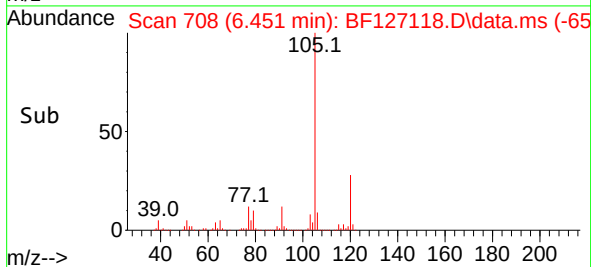
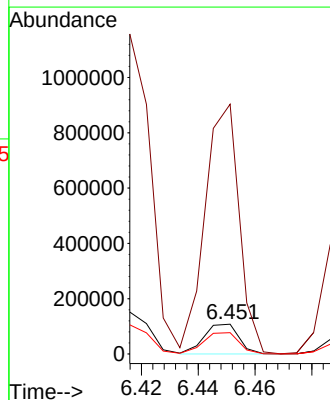
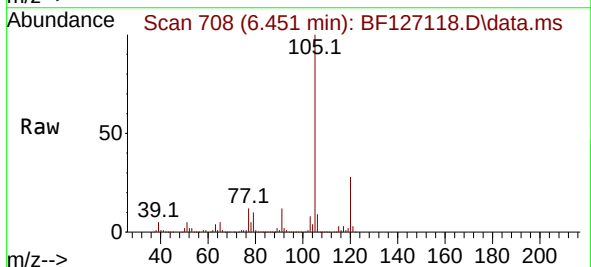
Instrument :
BNA_F
ClientSampleId :
MW-25

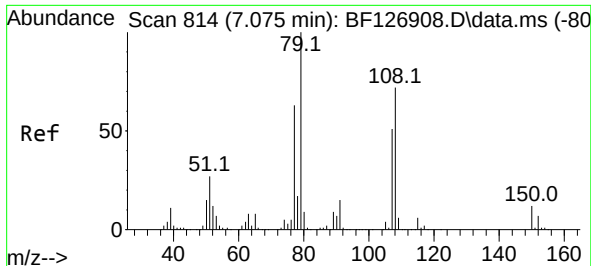
Tgt Ion: 99 Resp: 274771
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 40.2 24.3 36.5#



#9
Benzaldehyde
Concen: 20.216 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion: 77 Resp: 92035
Ion Ratio Lower Upper
77 100
105 839.0 74.9 114.9#
106 71.7 72.4 112.4#

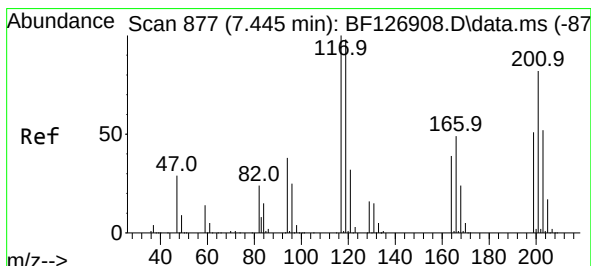
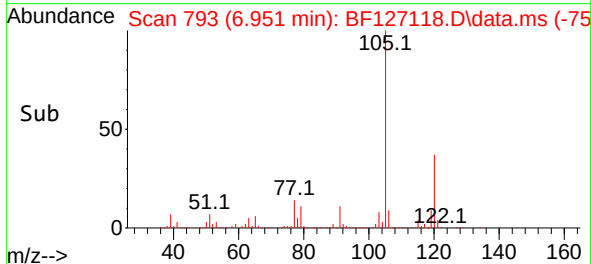
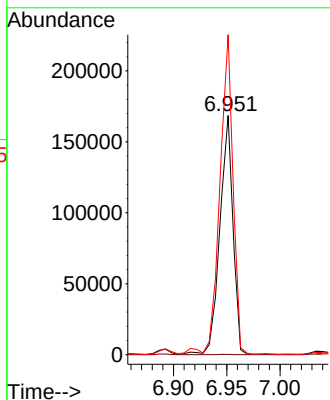
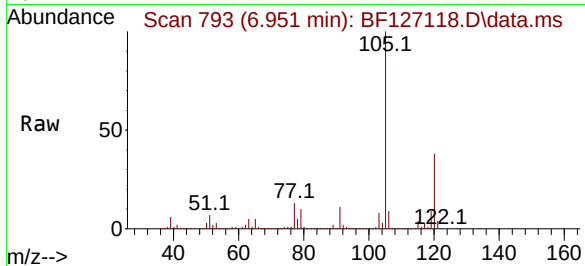




#15
Benzyl Alcohol
Concen: 22.738 ng
RT: 6.951 min Scan# 79
Delta R.T. -0.083 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

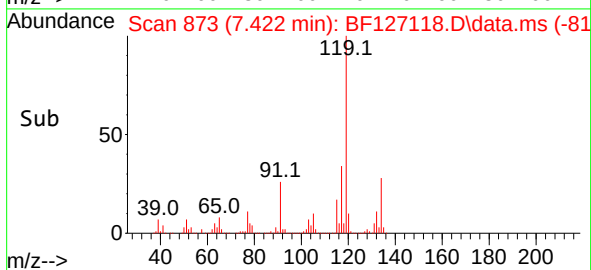
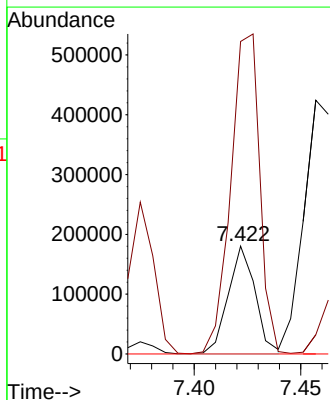
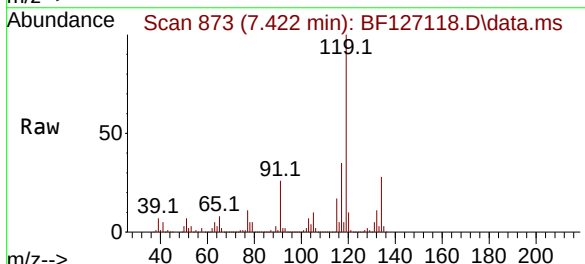
Instrument :
BNA_F
ClientSampleId :
MW-25

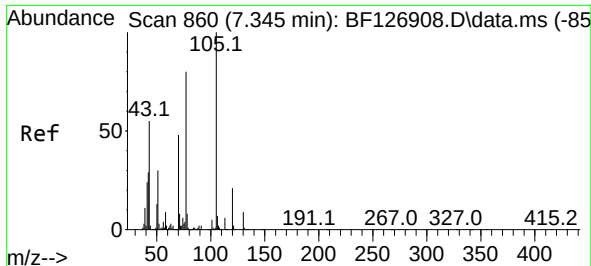
Tgt Ion: 79 Resp: 143267
Ion Ratio Lower Upper
79 100
108 0.1 63.2 94.8#
77 133.8 49.4 74.2#



#18
Hexachloroethane
Concen: 64.003 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.018 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion: 117 Resp: 159555
Ion Ratio Lower Upper
117 100
119 289.8 75.4 113.0#
201 0.0 56.8 85.2#

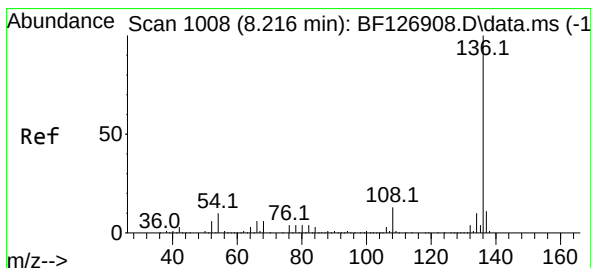
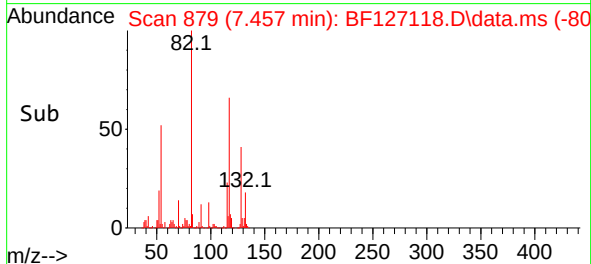
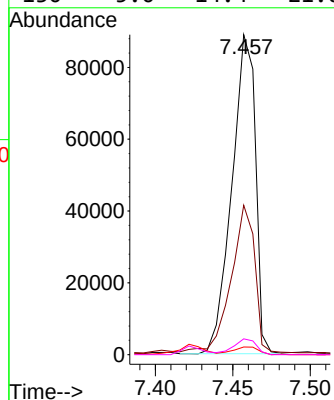
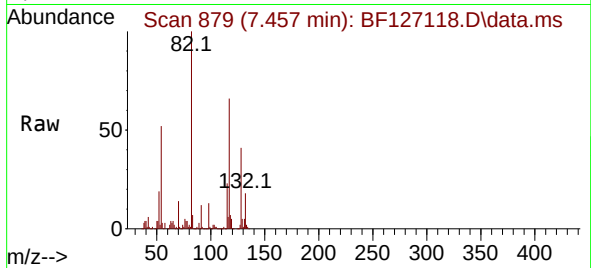




#19
n-Nitroso-di-n-propylamine
Concen: 19.488 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

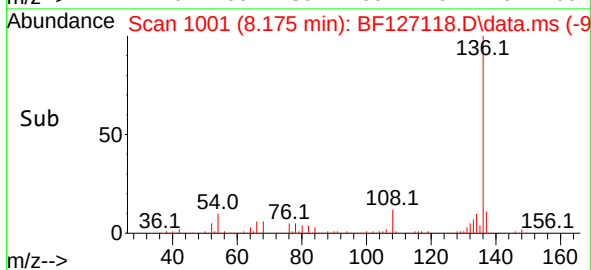
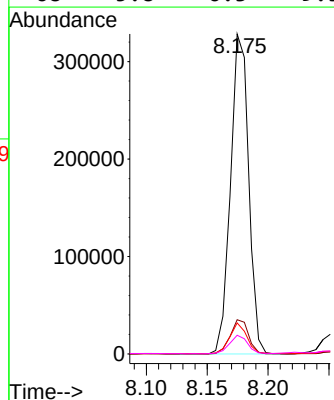
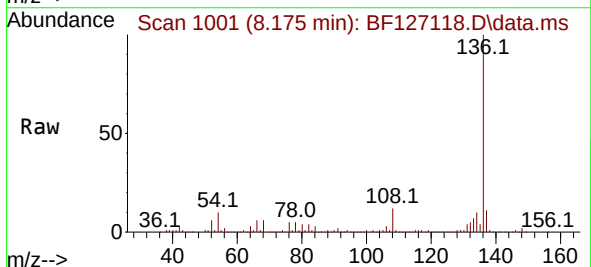
Instrument :
BNA_F
ClientSampleId :
MW-25

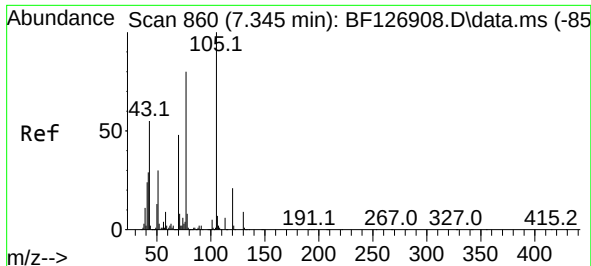
Tgt Ion: 70 Resp: 93918
Ion Ratio Lower Upper
70 100
42 46.7 45.8 68.8
101 2.4 6.9 10.3#
130 5.0 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:136 Resp: 339402
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 7.8 11.6
68 5.8 6.3 9.5#

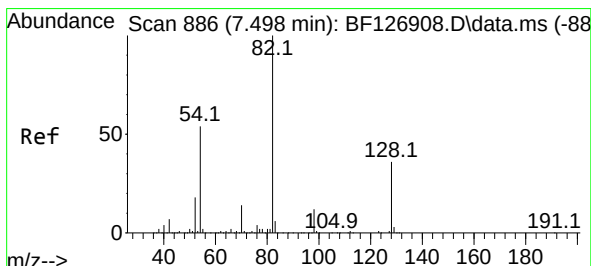
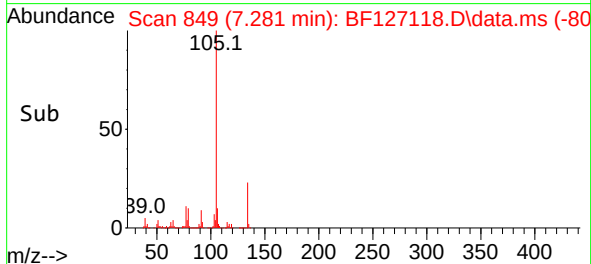
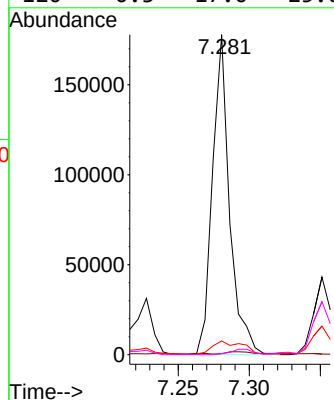
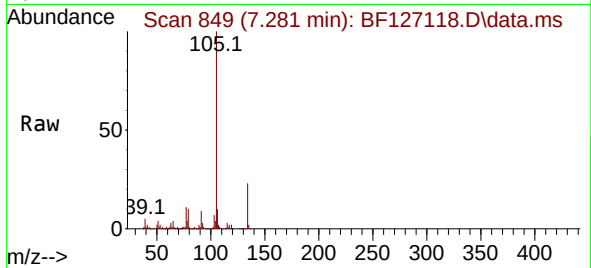




#22
Acetophenone
Concen: 16.736 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

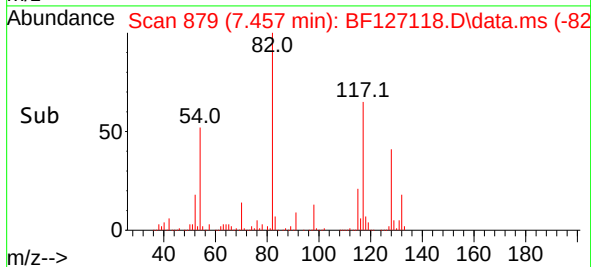
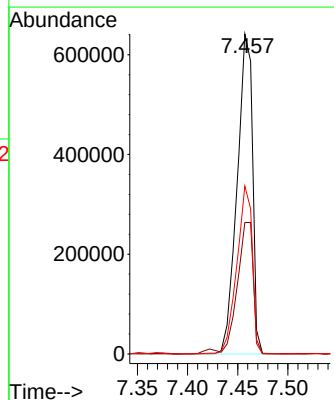
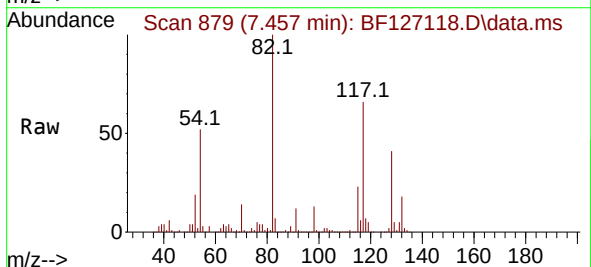
Instrument :
BNA_F
ClientSampleId :
MW-25

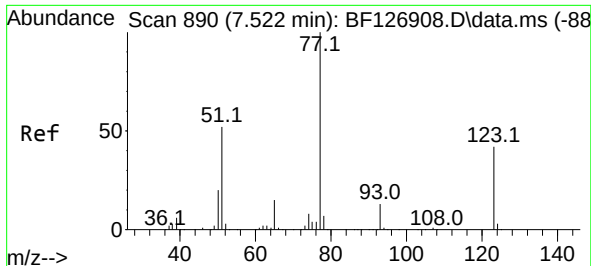
Tgt Ion:105 Resp: 149552
Ion Ratio Lower Upper
105 100
71 0.3 5.4 8.0#
51 4.3 27.4 41.0#
120 0.3 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 91.607 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion: 82 Resp: 688822
Ion Ratio Lower Upper
82 100
128 41.1 32.7 49.1
54 52.4 41.7 62.5

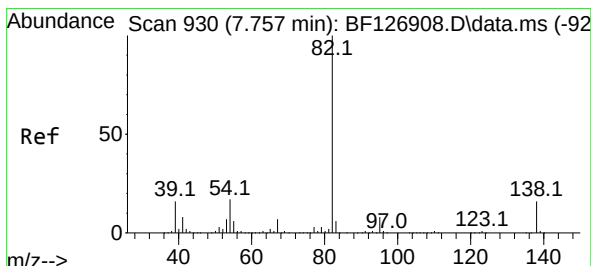
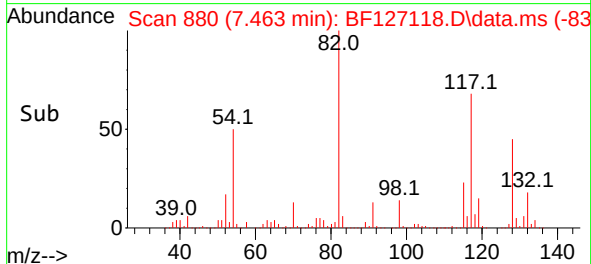
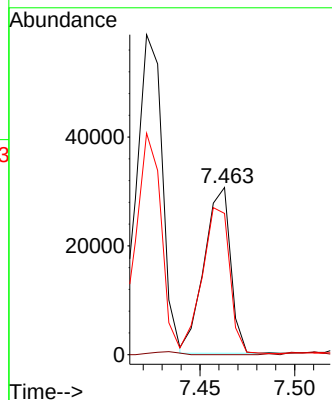
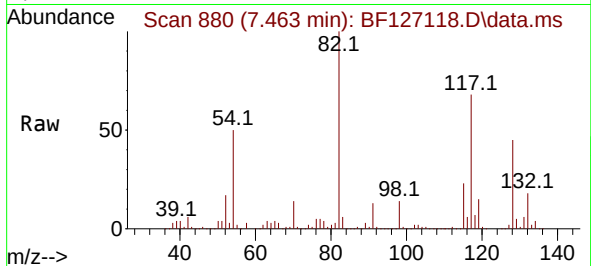




#24
Nitrobenzene
Concen: 4.153 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

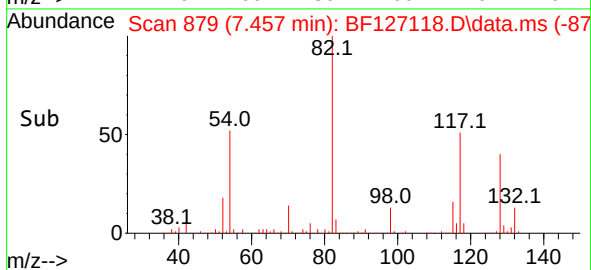
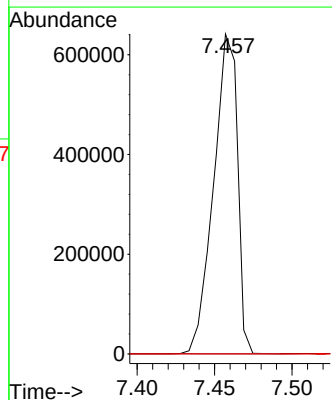
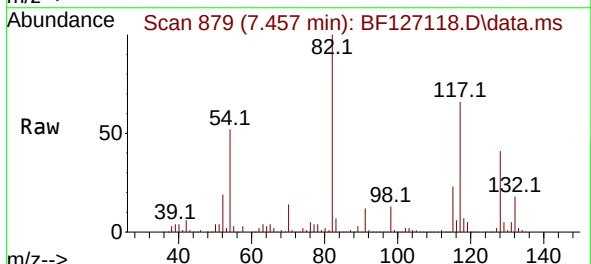
Instrument :
BNA_F
ClientSampleId :
MW-25

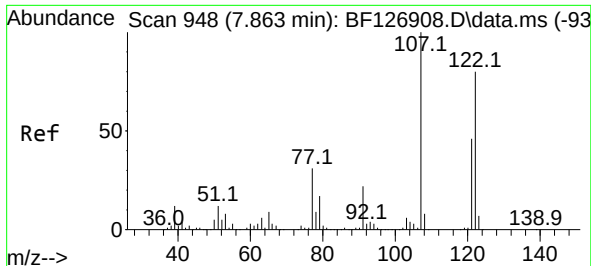
Tgt Ion: 77 Resp: 29500
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 84.5 10.6 15.8#



#25
Isophorone
Concen: 55.211 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.259 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion: 82 Resp: 686967
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

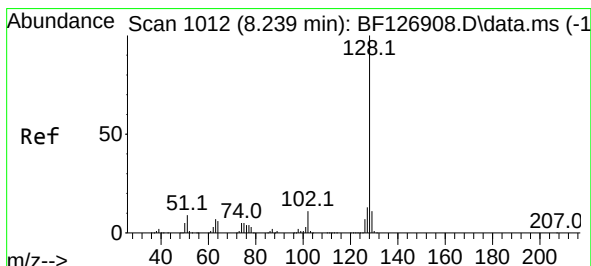
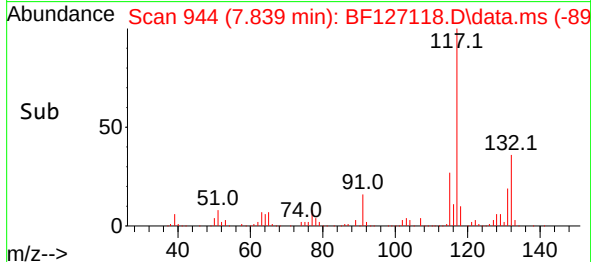
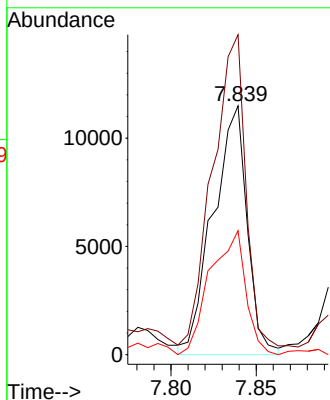
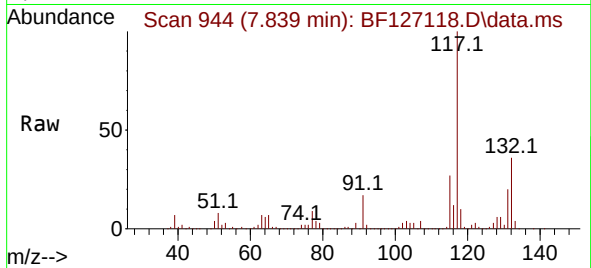




#27
 2,4-Dimethylphenol
 Concen: 3.220 ng
 RT: 7.839 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: BF127118.D
 Acq: 01 Mar 2022 16:09

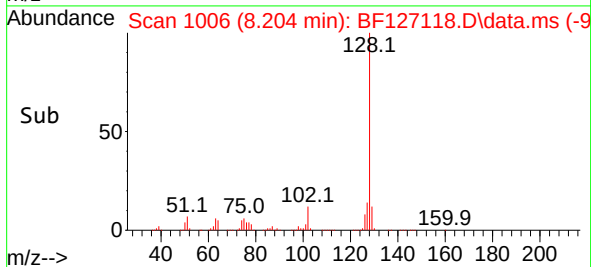
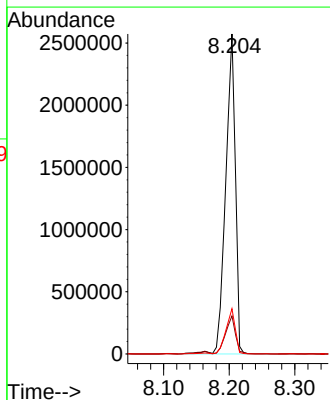
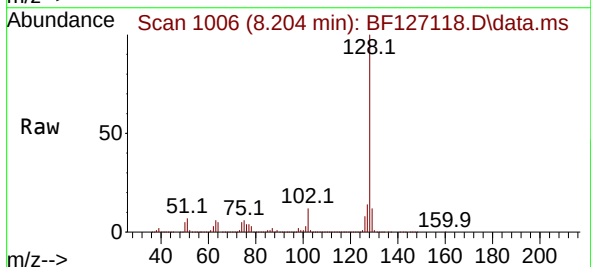
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

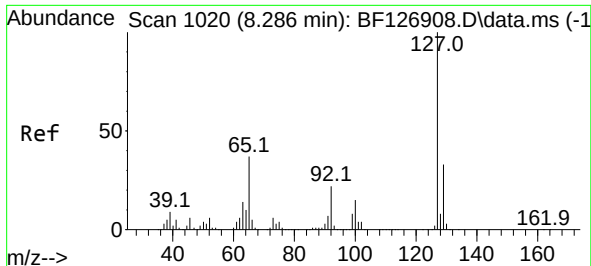
Tgt Ion:	122	Resp:	15996
Ion	Ratio	Lower	Upper
122	100		
107	128.6	91.2	136.8
121	49.9	44.4	66.6



#31
 Naphthalene
 Concen: 148.360 ng
 RT: 8.204 min Scan# 1006
 Delta R.T. 0.006 min
 Lab File: BF127118.D
 Acq: 01 Mar 2022 16:09

Tgt Ion:	128	Resp:	2628545
Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.6	13.0
127	14.1	10.3	15.5

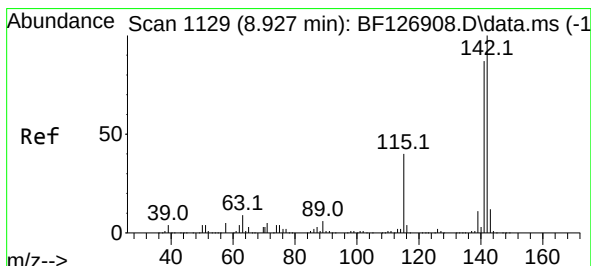
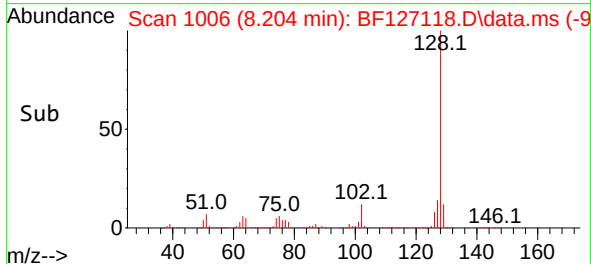
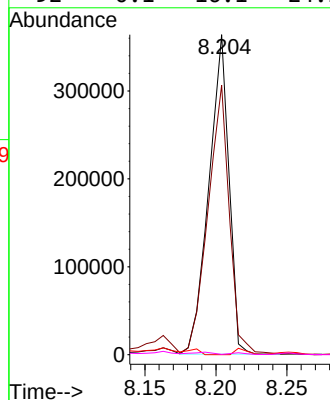
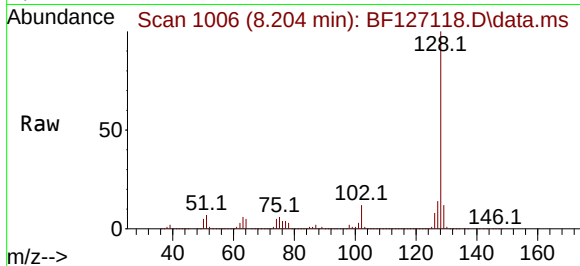




#33
4-Chloroaniline
Concen: 51.202 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

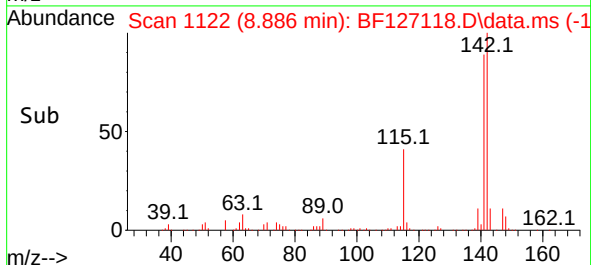
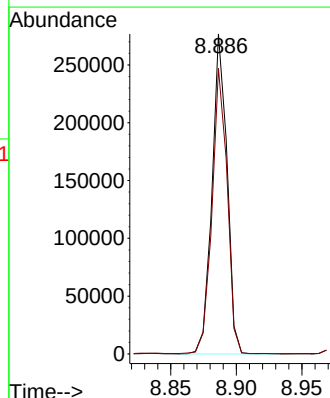
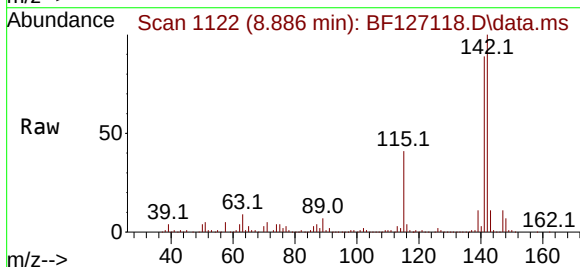
Instrument :
BNA_F
ClientSampleId :
MW-25

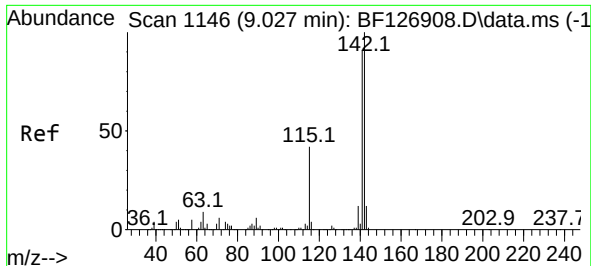
Tgt Ion:	127	Resp:	357069
Ion	Ratio	Lower	Upper
127	100		
129	84.2	26.5	39.7#
65	0.0	26.6	39.8#
92	0.1	16.1	24.1#



#37
2-Methylnaphthalene
Concen: 19.211 ng
RT: 8.886 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:	142	Resp:	220856
Ion	Ratio	Lower	Upper
142	100		
141	89.2	68.6	102.8

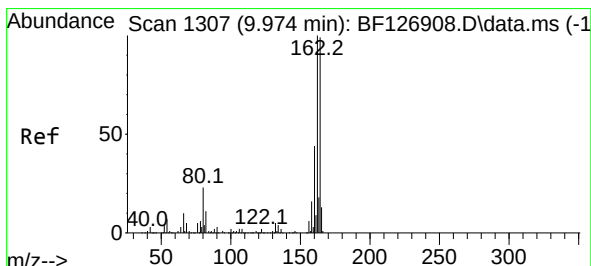
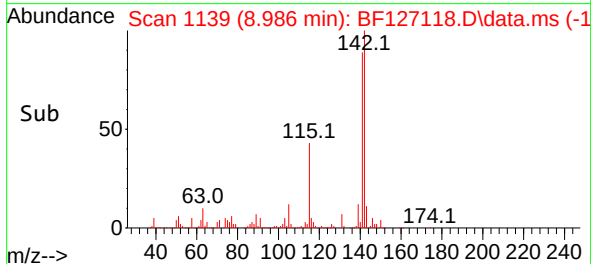
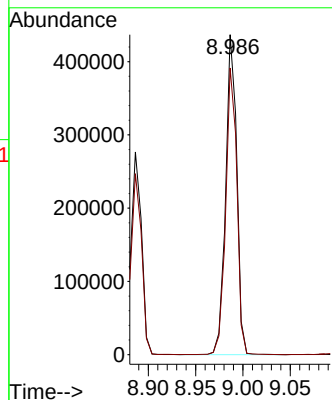
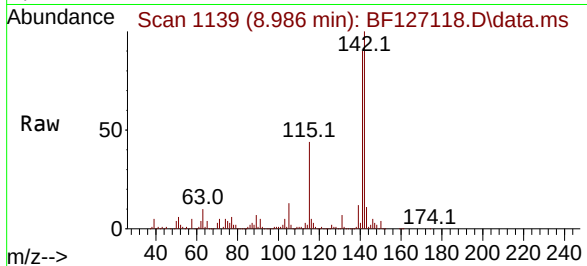




#38
1-Methylnaphthalene
Concen: 32.567 ng
RT: 8.986 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

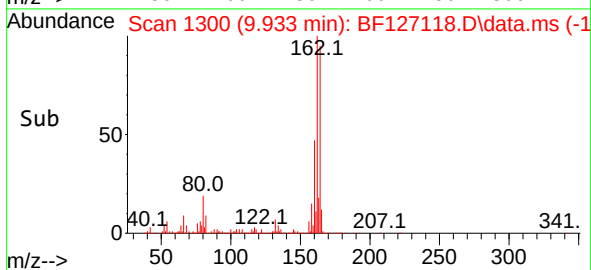
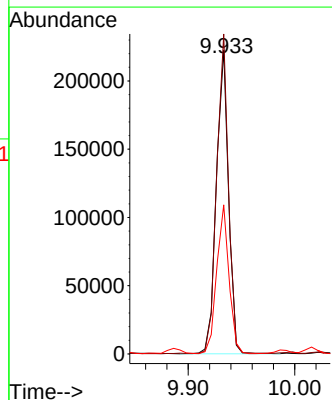
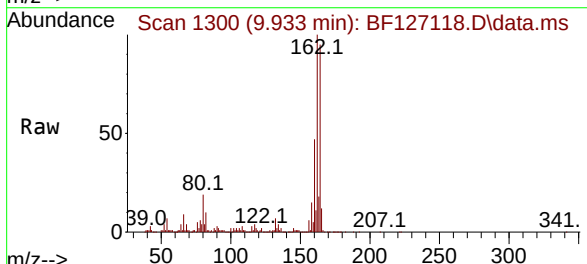
Instrument :
BNA_F
ClientSampleId :
MW-25

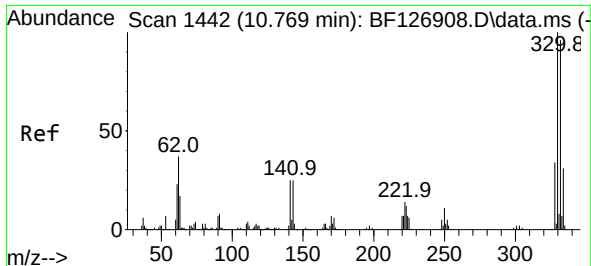
Tgt Ion:142 Resp: 358529
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:164 Resp: 175685
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 49.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 158.946 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-25

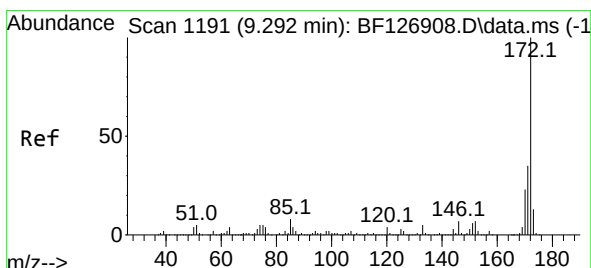
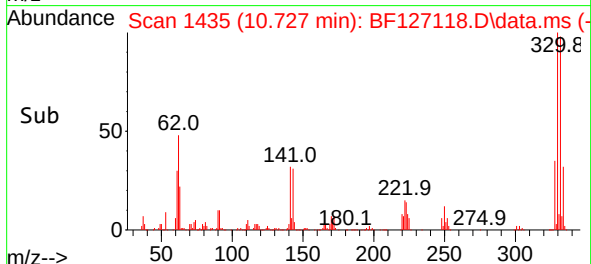
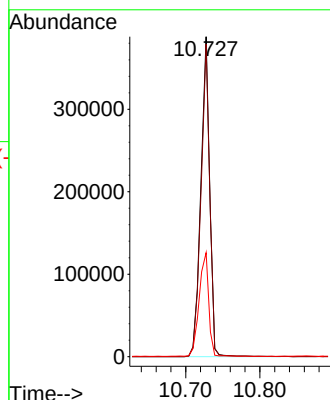
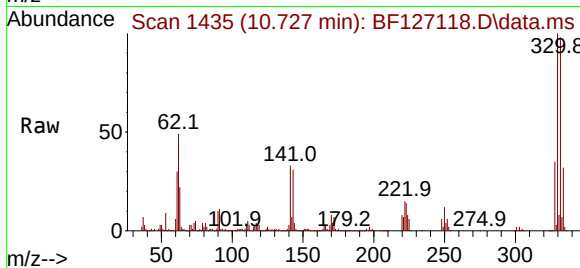
Tgt Ion:330 Resp: 321511

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 35.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 93.979 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

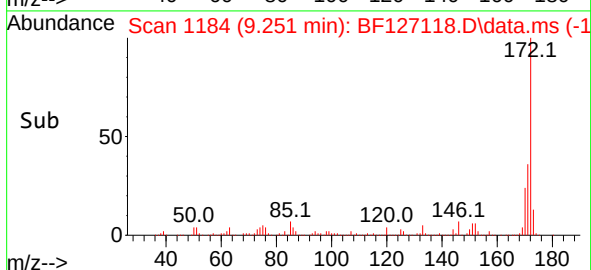
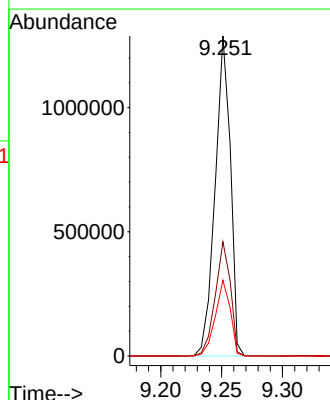
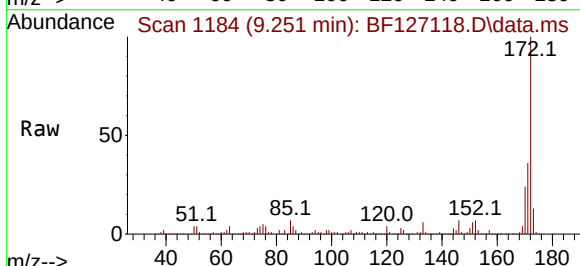
Tgt Ion:172 Resp: 1121528

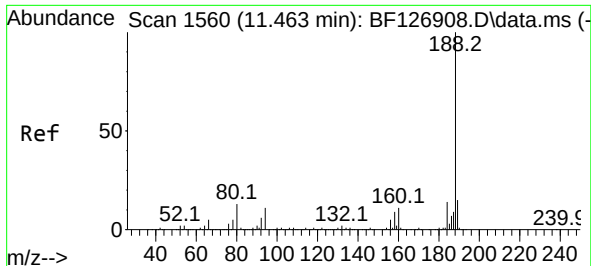
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6

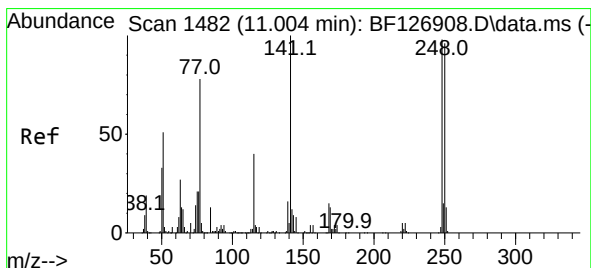
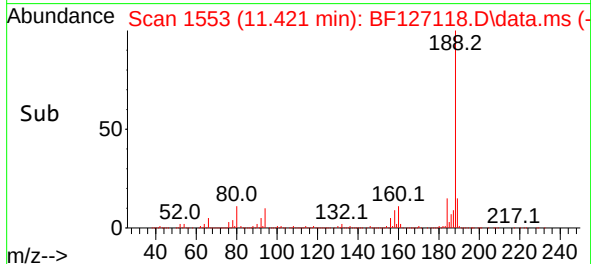
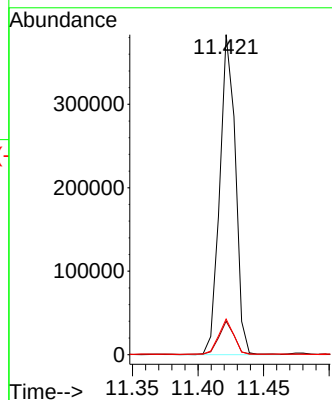
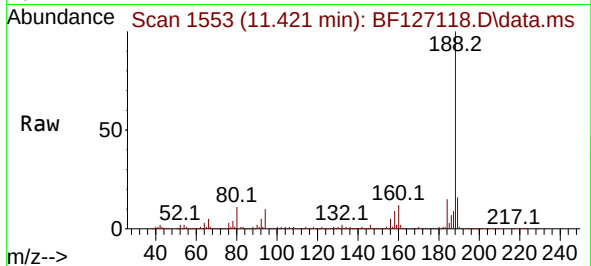




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

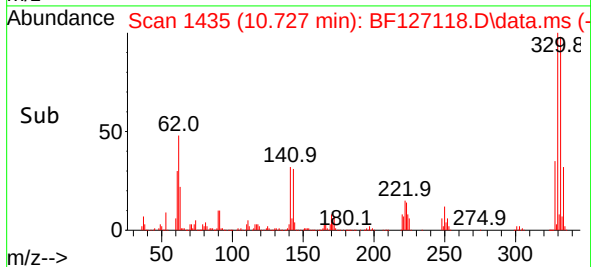
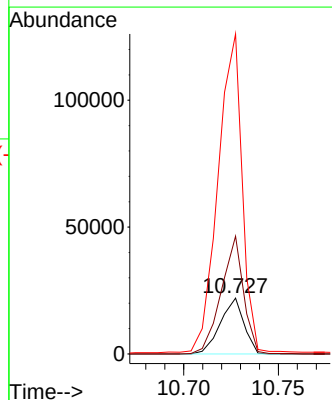
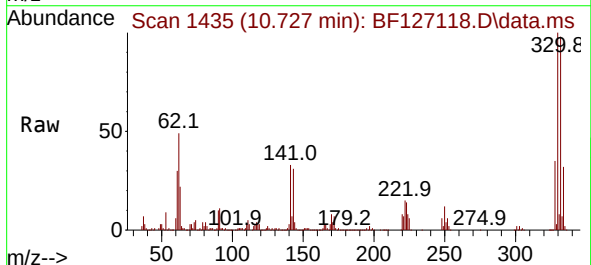
Instrument :
BNA_F
ClientSampleId :
MW-25

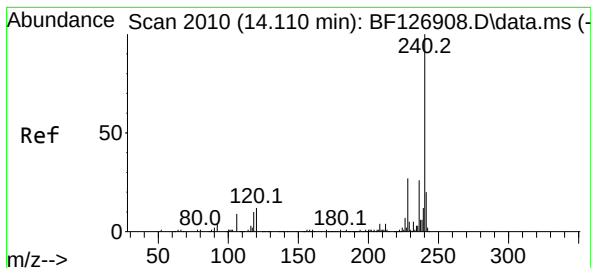
Tgt Ion:188 Resp: 318083
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 11.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.367 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127118.D
Acq: 01 Mar 2022 16:09

Tgt Ion:248 Resp: 19074
Ion Ratio Lower Upper
248 100
250 211.1 76.2 114.4#
141 573.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-25

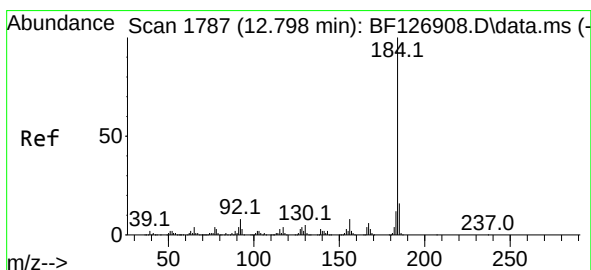
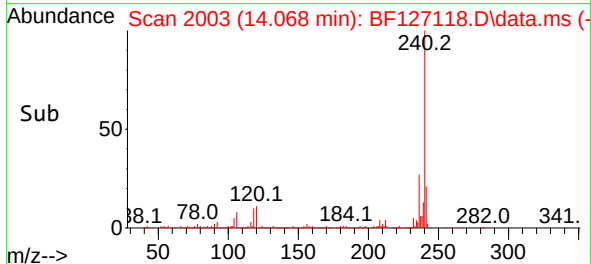
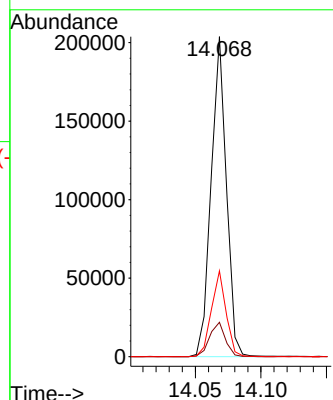
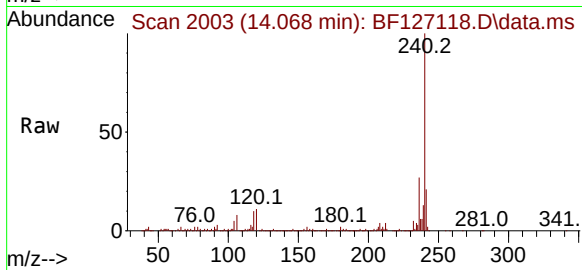
Tgt Ion:240 Resp: 165064

Ion Ratio Lower Upper

240 100

120 10.8 14.4 21.6#

236 26.8 20.5 30.7



#77

Benzidine

Concen: 4.001 ng

RT: 13.015 min Scan# 1824

Delta R.T. 0.253 min

Lab File: BF127118.D

Acq: 01 Mar 2022 16:09

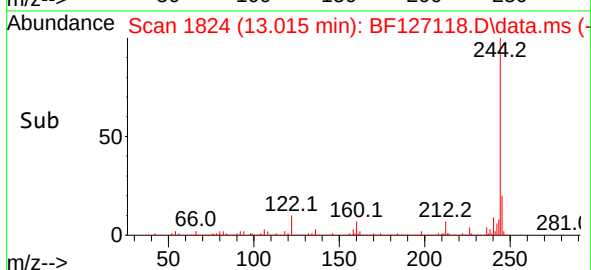
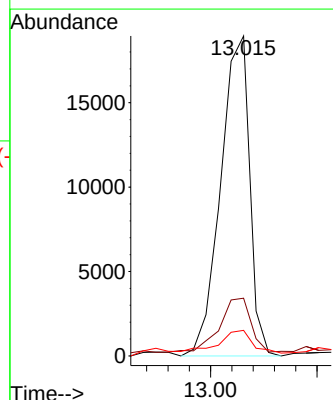
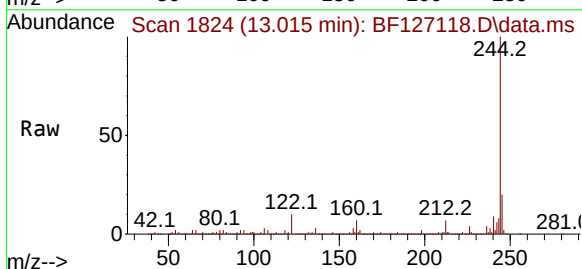
Tgt Ion:184 Resp: 17949

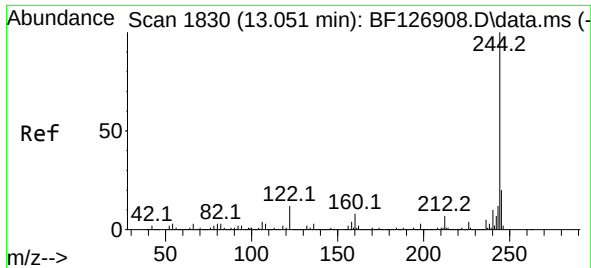
Ion Ratio Lower Upper

184 100

185 18.0 11.8 17.8#

183 8.0 8.2 12.2#

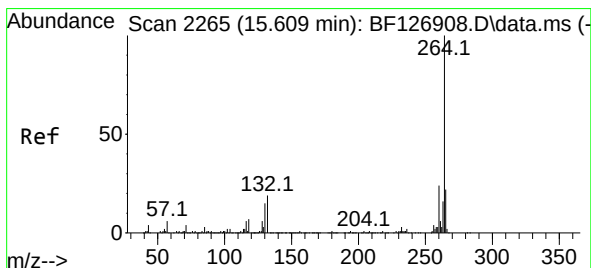
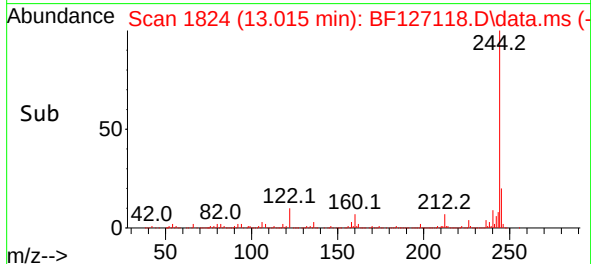
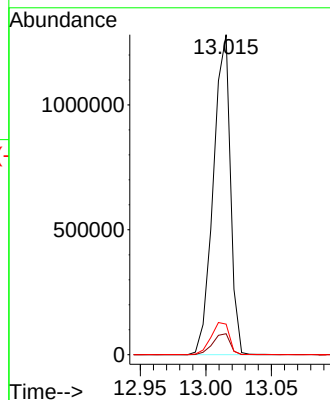
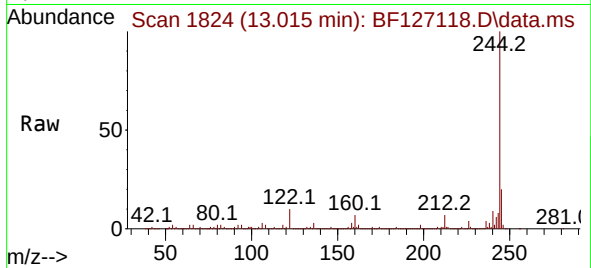




#79
 Terphenyl-d14
 Concen: 103.297 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF127118.D
 Acq: 01 Mar 2022 16:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tgt Ion:244 Resp: 1159877
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127118.D
 Acq: 01 Mar 2022 16:09

Tgt Ion:264 Resp: 152451
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 23.8 17.4 26.2

