

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127135.D
 Acq On : 02 Mar 2022 00:14
 Operator : CG\JU
 Sample : N1709-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-17.5-18.0

Quant Time: Mar 02 01:28:12 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)

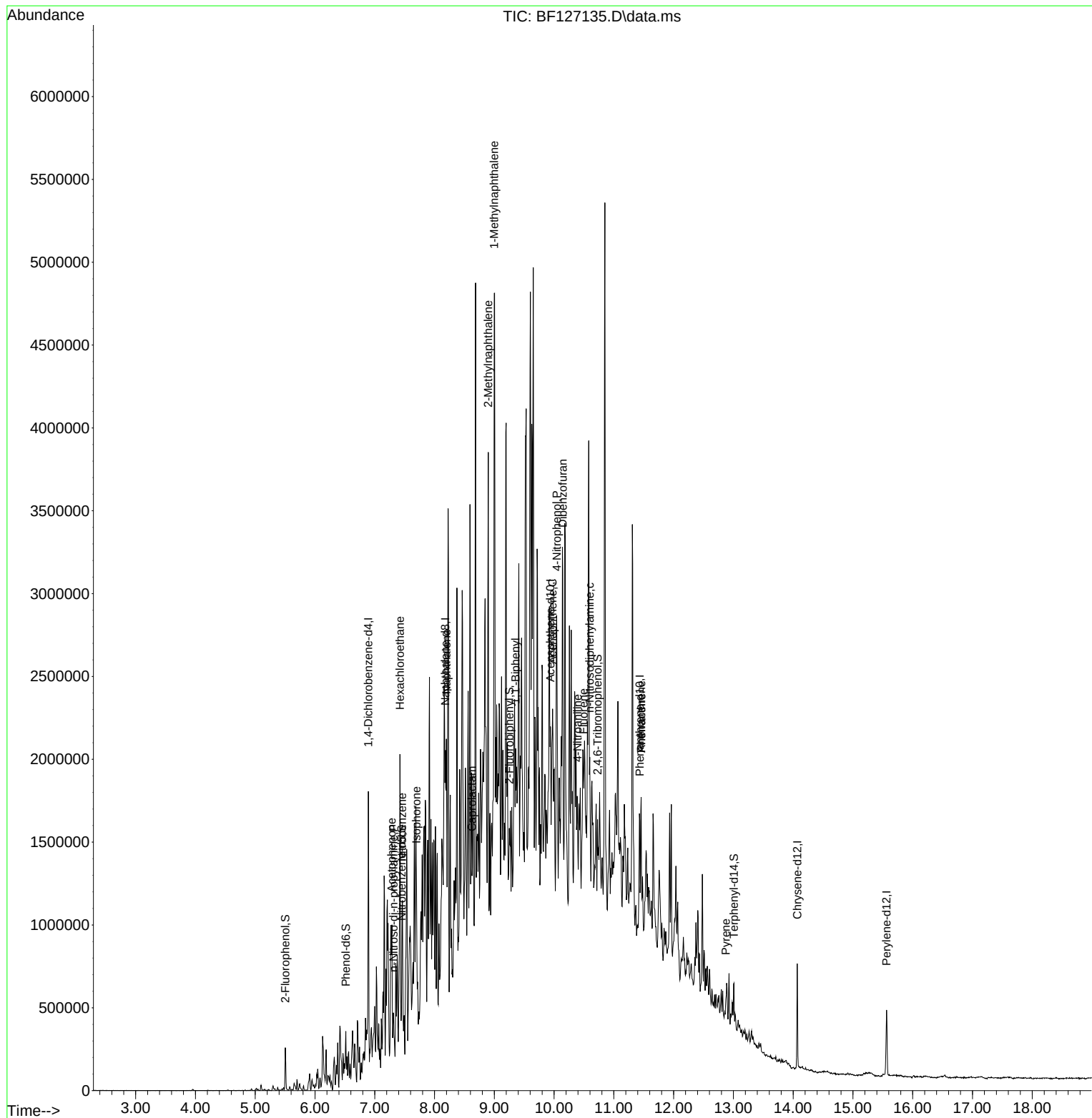
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	94332	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	333640	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	150147	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	205173	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	191621	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	163952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	57469	9.416	ng	0.00
7) Phenol-d6	6.516	99	76103	9.241	ng	0.00
23) Nitrobenzene-d5	7.451	82	63616	8.606	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	12569	7.271	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	73727	7.229	ng	0.00
79) Terphenyl-d14	13.009	244	65030	4.989	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.422	117	65635	23.910	ng	# 1
19) n-Nitroso-di-n-propyla...	7.316	70	14839	2.796	ng	# 64
22) Acetophenone	7.280	105	101757	11.584	ng	# 56
24) Nitrobenzene	7.457	77	15324	2.195	ng	# 31
25) Isophorone	7.698	82	42230	3.453	ng	# 1
31) Naphthalene	8.198	128	73547	4.223	ng	# 59
35) Caprolactam	8.627	113	5954	3.713	ng	# 1
37) 2-Methylnaphthalene	8.898	142	694885	61.487	ng	97
38) 1-Methylnaphthalene	8.998	142	492170	45.478	ng	95
46) 1,1'-Biphenyl	9.357	154	136947	11.512	ng	95
52) Acenaphthene	9.974	154	46571	4.997	ng	# 45
55) Dibenzofuran	10.145	168	50035	3.905	ng	# 1
56) 4-Nitrophenol	10.045	139	46347	23.510	ng	# 51
58) Fluorene	10.492	166	116621	11.684	ng	# 87
62) 4-Nitroaniline	10.392	138	5411	2.053	ng	80
66) n-Nitrosodiphenylamine	10.598	169	115636	17.188	ng	# 49
71) Phenanthrene	11.457	178	289990	25.252	ng	97
72) Anthracene	11.457	178	289990	25.366	ng	97
78) Pyrene	12.874	202	47907	2.878	ng	# 94

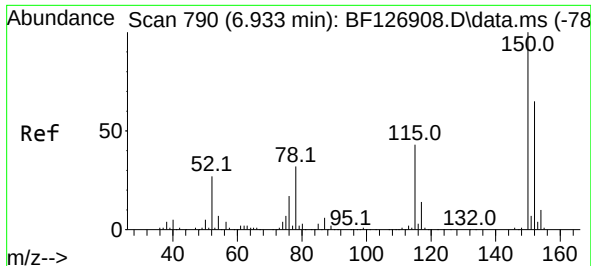
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127135.D
Acq On : 02 Mar 2022 00:14
Operator : CG\JU
Sample : N1709-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

Quant Time: Mar 02 01:28:12 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

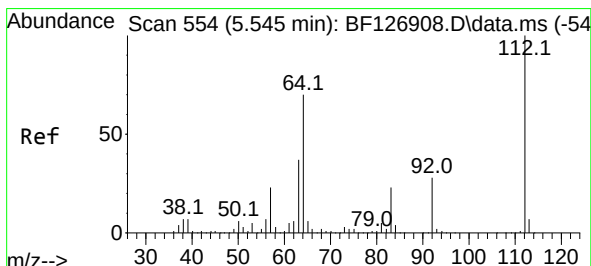
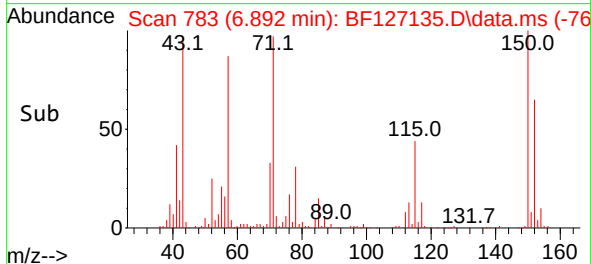
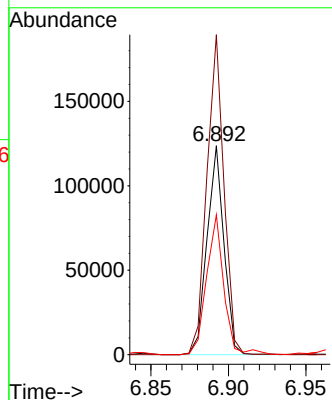
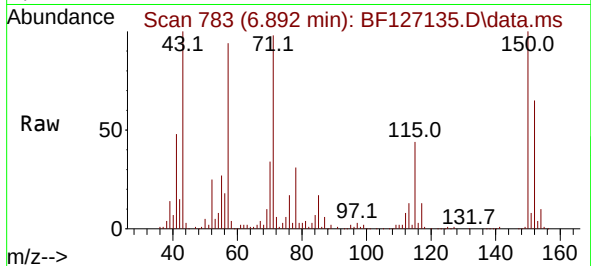




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

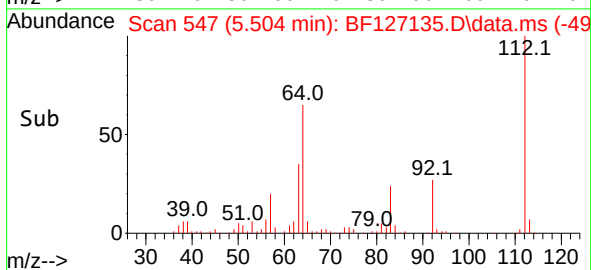
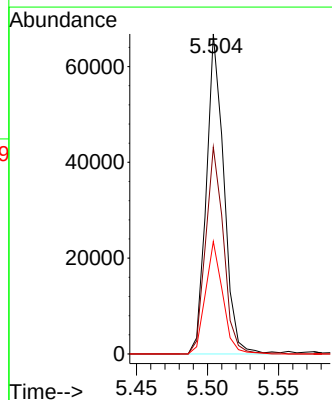
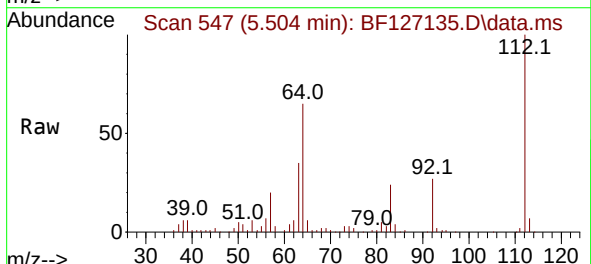
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

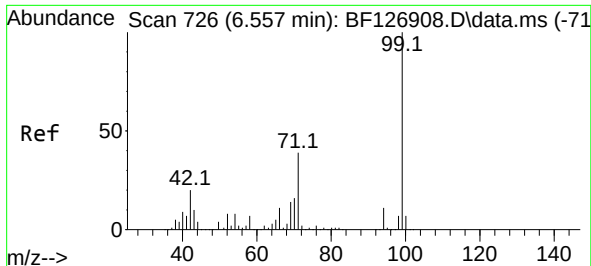
Tgt Ion:152 Resp: 94332
Ion Ratio Lower Upper
152 100
150 153.1 128.1 192.1
115 66.9 56.7 85.1



#5
2-Fluorophenol
Concen: 9.416 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:112 Resp: 57469
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 35.2 23.9 35.9

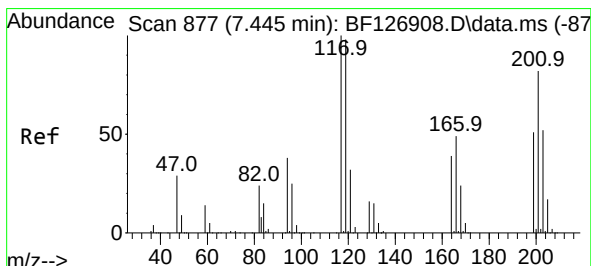
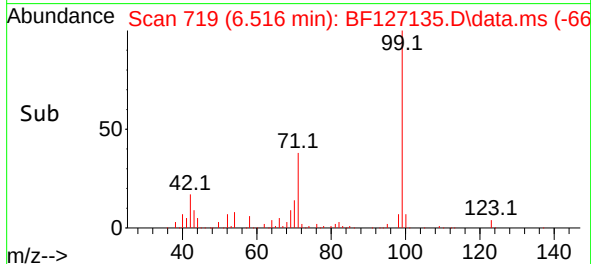
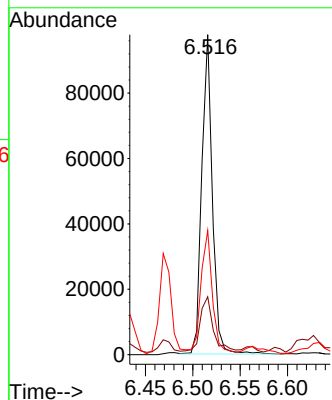
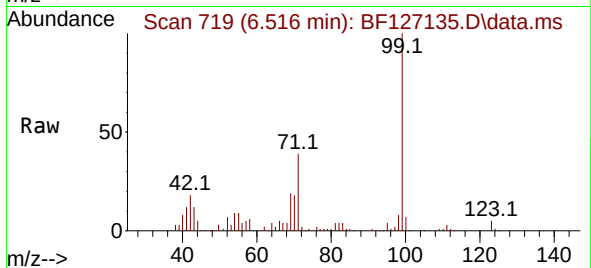




#7
Phenol-d6
Concen: 9.241 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

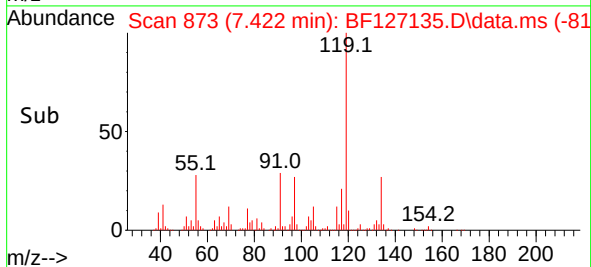
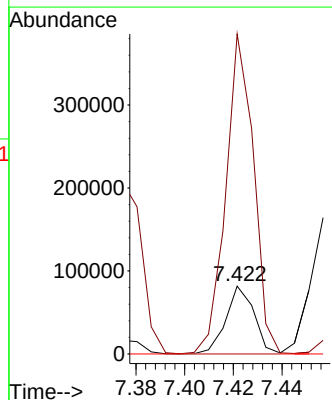
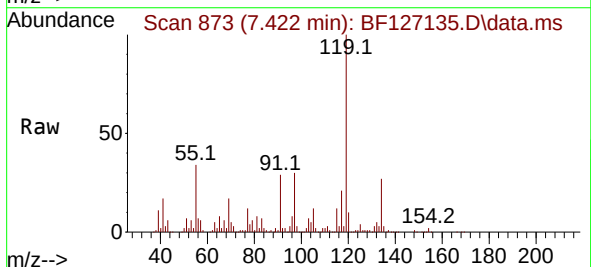
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

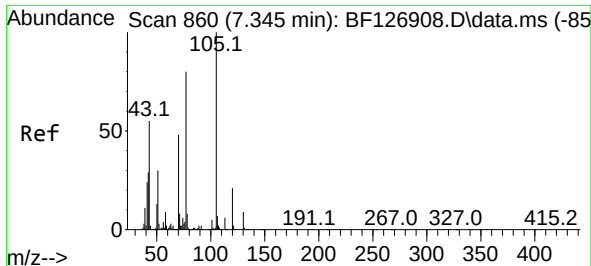
Tgt Ion: 99 Resp: 76103
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 38.8 24.3 36.5#



#18
Hexachloroethane
Concen: 23.910 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.017 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion: 117 Resp: 65635
Ion Ratio Lower Upper
117 100
119 472.1 75.4 113.0#
201 0.0 56.8 85.2#



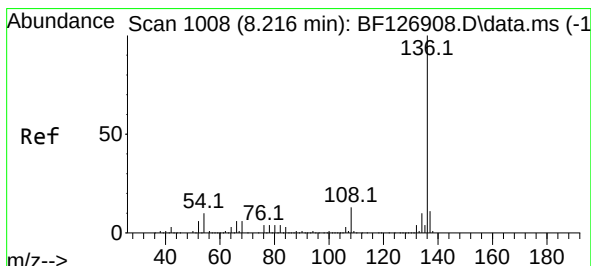
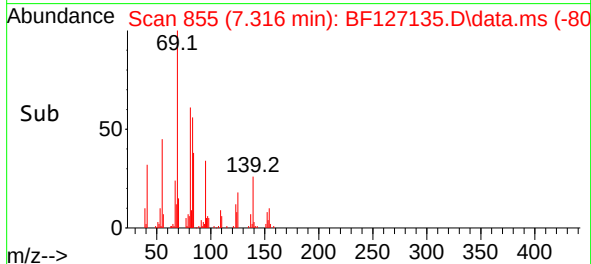
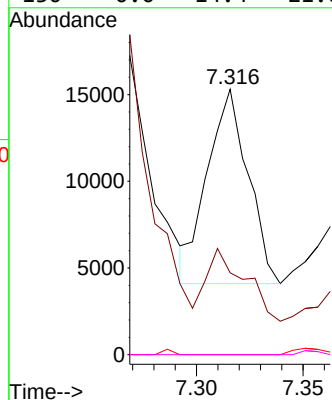
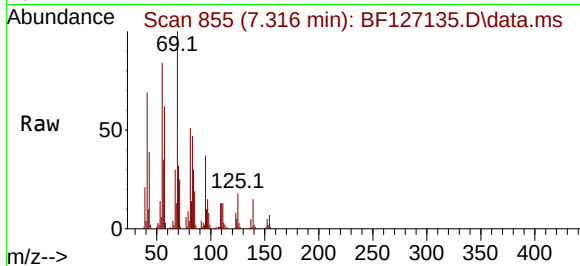


#19
n-Nitroso-di-n-propylamine
Concen: 2.796 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.011 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

Tgt Ion: 70 Resp: 14839

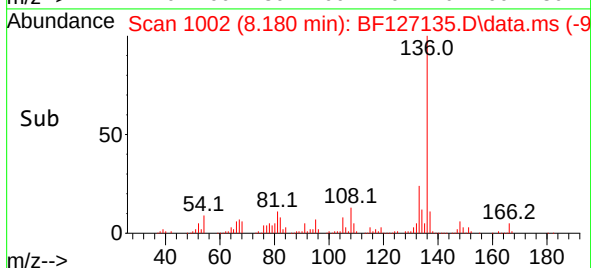
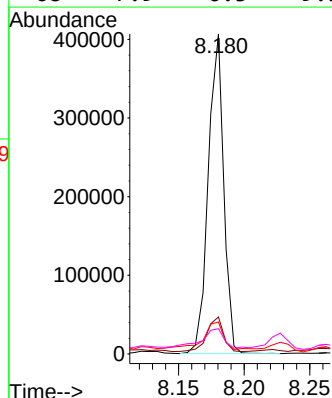
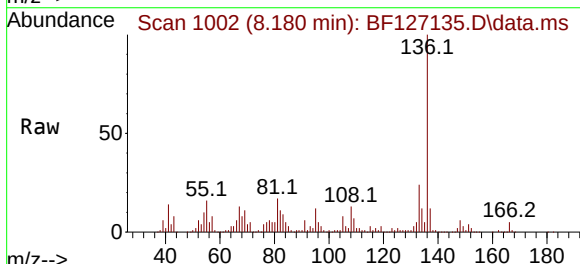
Ion	Ratio	Lower	Upper
70	100		
42	30.9	45.8	68.8#
101	0.0	6.9	10.3#
130	0.0	14.4	21.6#

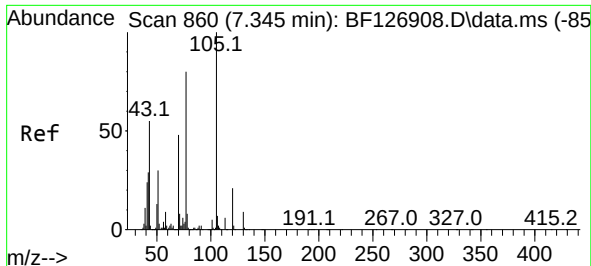


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion: 136 Resp: 333640

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	10.0	7.8	11.6
68	7.9	6.3	9.5

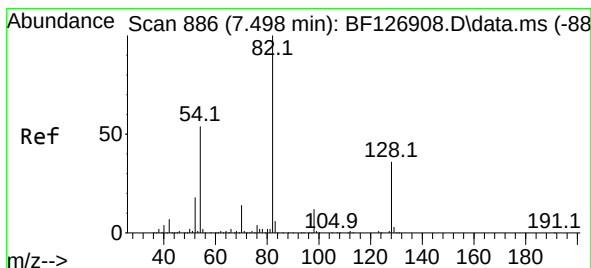
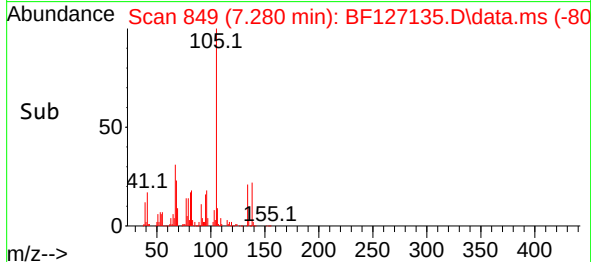
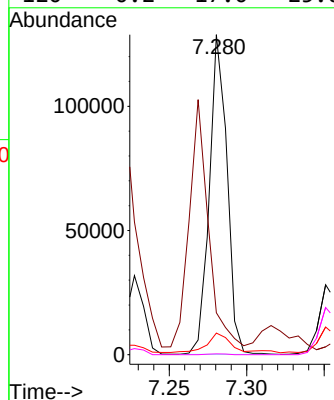
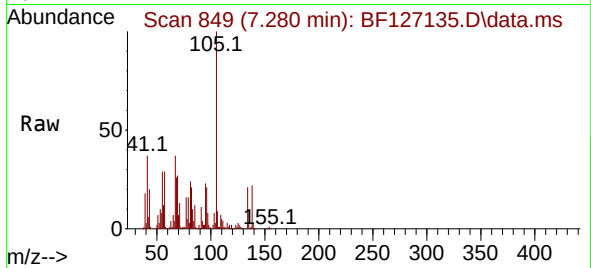




#22
Acetophenone
Concen: 11.584 ng
RT: 7.280 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

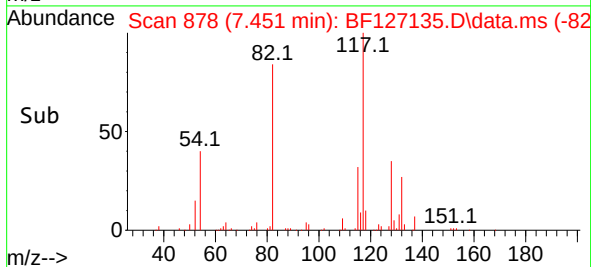
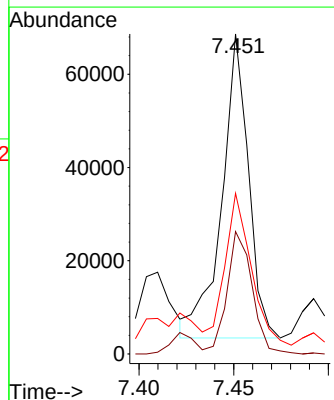
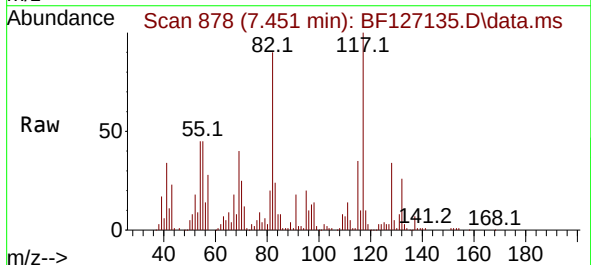
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

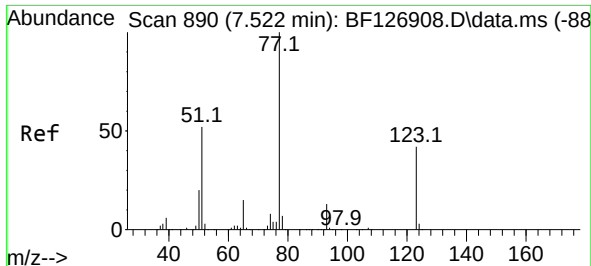
Tgt Ion:105 Resp: 101757
Ion Ratio Lower Upper
105 100
71 13.1 5.4 8.0#
51 6.8 27.4 41.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 8.606 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion: 82 Resp: 63616
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 50.2 41.7 62.5

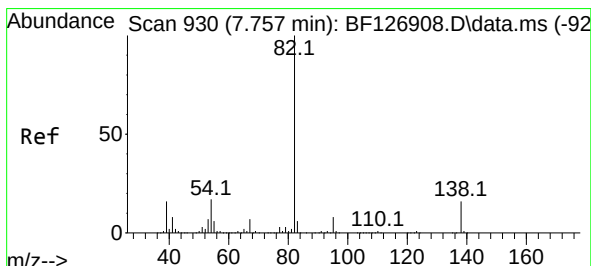
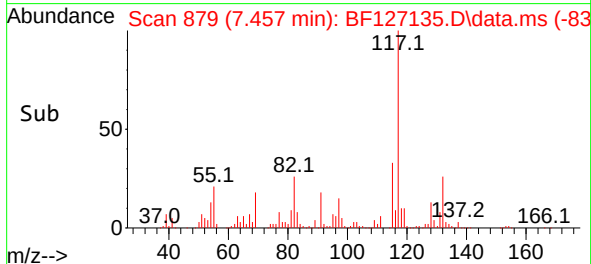
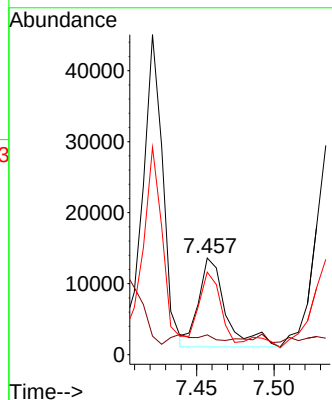
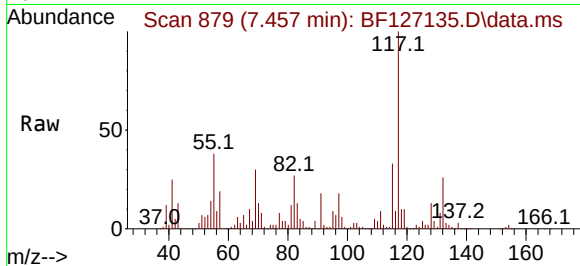




#24
Nitrobenzene
Concen: 2.195 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

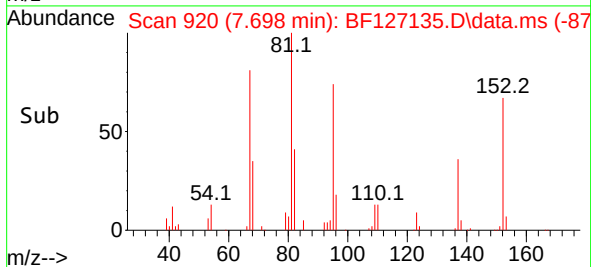
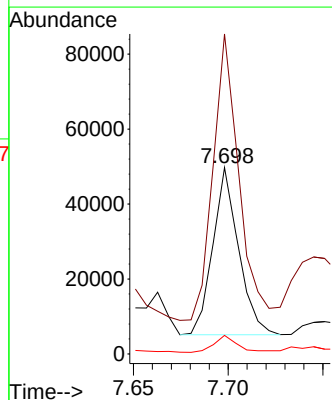
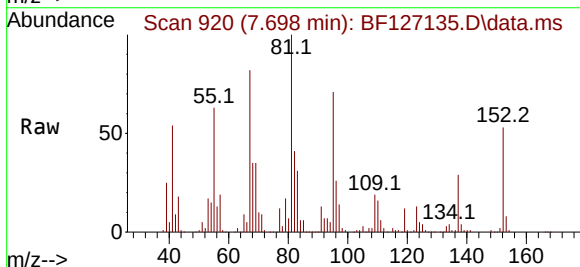
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

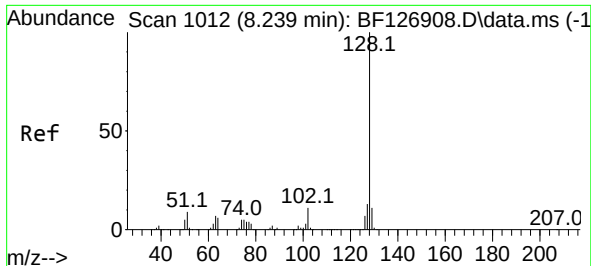
Tgt Ion: 77 Resp: 15324
Ion Ratio Lower Upper
77 100
123 20.6 34.6 52.0#
65 85.4 10.6 15.8#



#25
Isophorone
Concen: 3.453 ng
RT: 7.698 min Scan# 920
Delta R.T. -0.018 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion: 82 Resp: 42230
Ion Ratio Lower Upper
82 100
95 171.7 5.0 7.4#
138 9.9 12.3 18.5#





#31

Naphthalene

Concen: 4.223 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-17.5-18.0

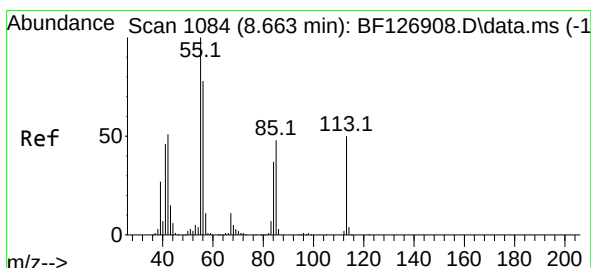
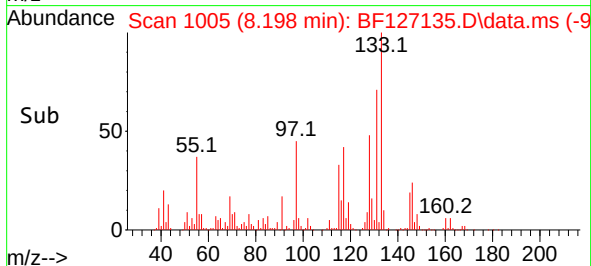
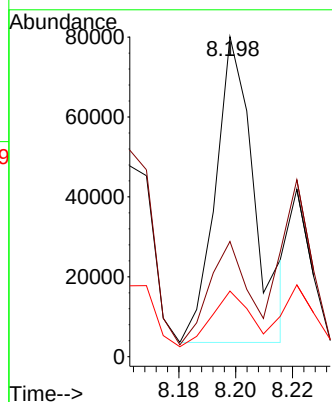
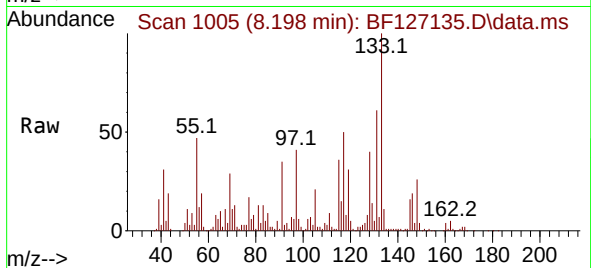
Tgt Ion:128 Resp: 73547

Ion Ratio Lower Upper

128 100

129 36.0 8.6 13.0#

127 20.5 10.3 15.5#



#35

Caprolactam

Concen: 3.713 ng

RT: 8.627 min Scan# 1078

Delta R.T. -0.000 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

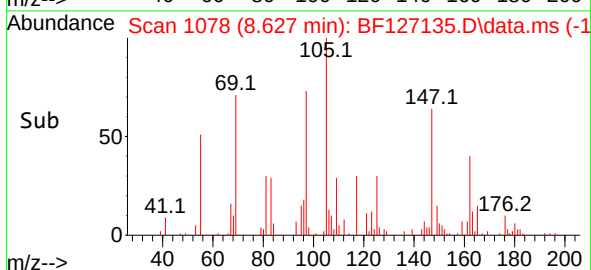
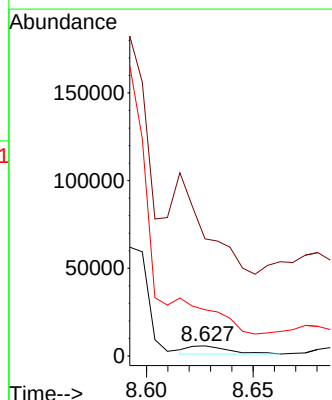
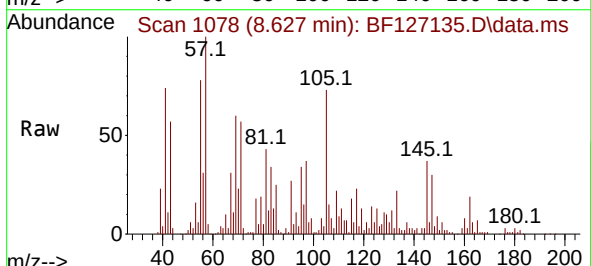
Tgt Ion:113 Resp: 5954

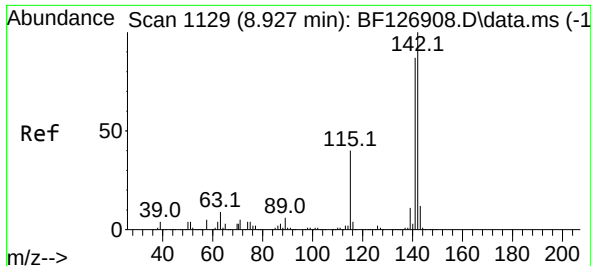
Ion Ratio Lower Upper

113 100

55 1170.5 183.9 223.9#

56 461.4 129.9 169.9#

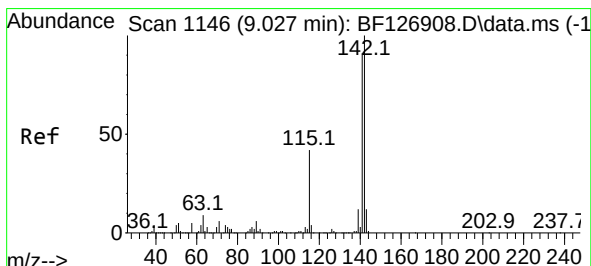
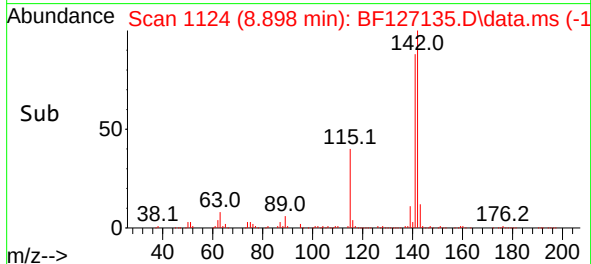
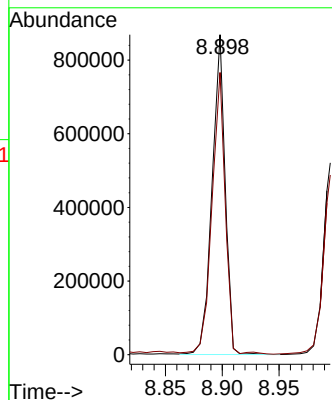
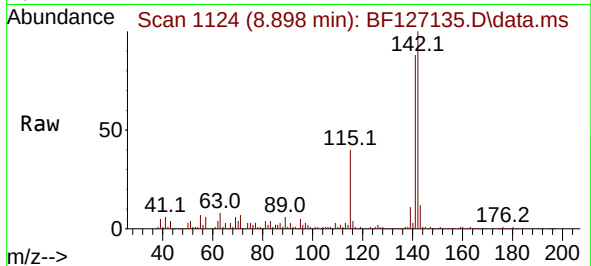




#37
2-Methylnaphthalene
Concen: 61.487 ng
RT: 8.898 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

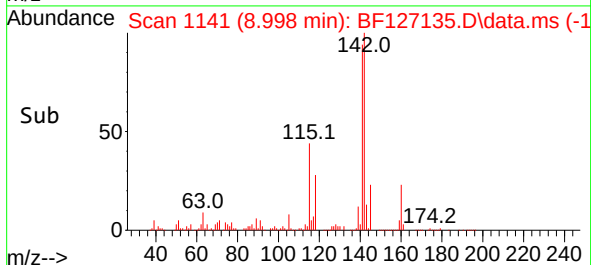
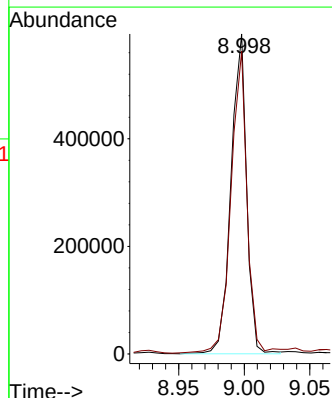
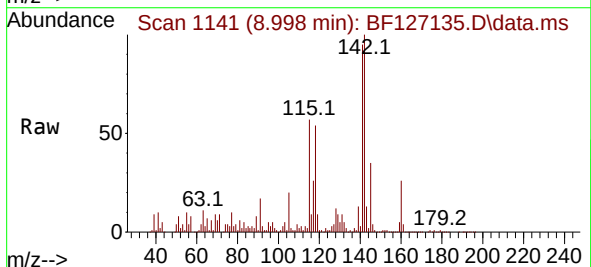
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

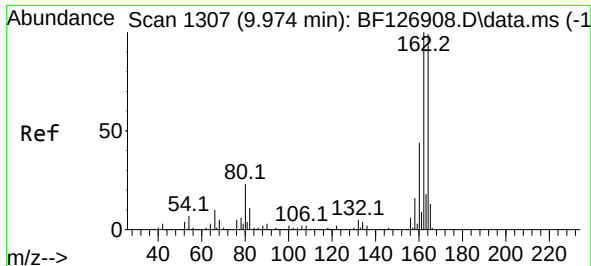
Tgt Ion:142 Resp: 694885
Ion Ratio Lower Upper
142 100
141 88.2 68.6 102.8



#38
1-Methylnaphthalene
Concen: 45.478 ng
RT: 8.998 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:142 Resp: 492170
Ion Ratio Lower Upper
142 100
141 94.6 72.1 108.1

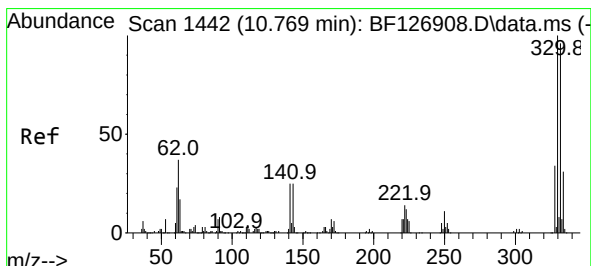
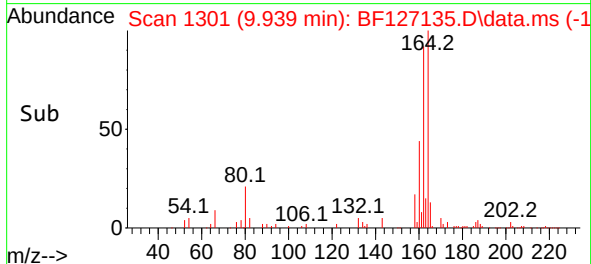
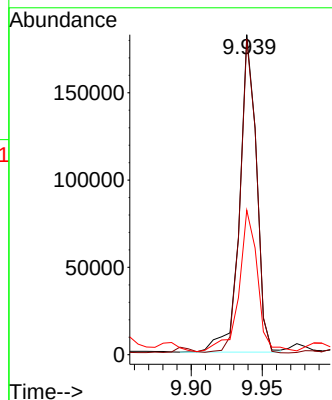
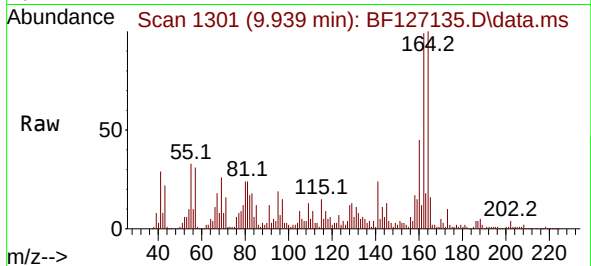




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

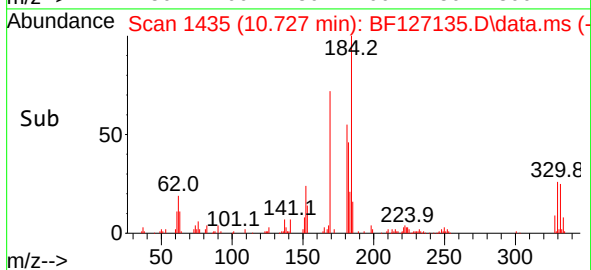
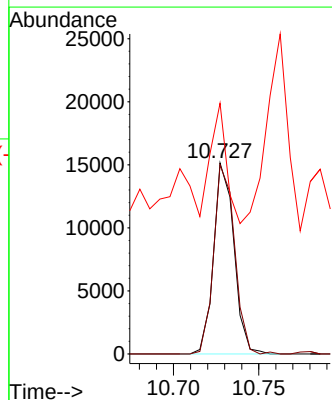
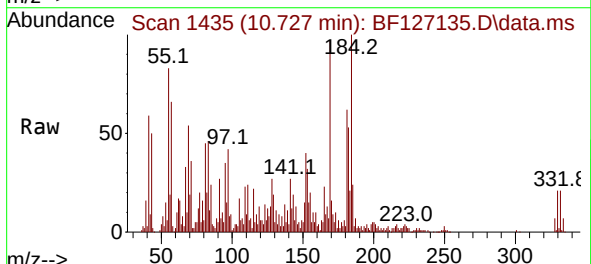
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

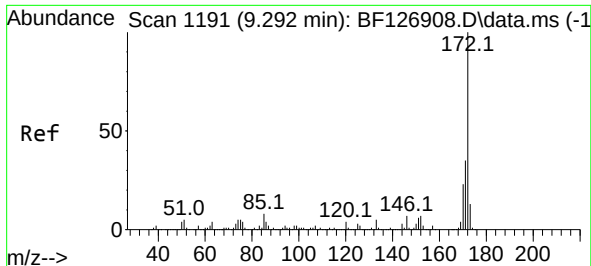
Tgt Ion:164 Resp: 150147
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 7.271 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:330 Resp: 12569
Ion Ratio Lower Upper
330 100
332 102.0 76.0 114.0
141 48.8 30.1 45.1#

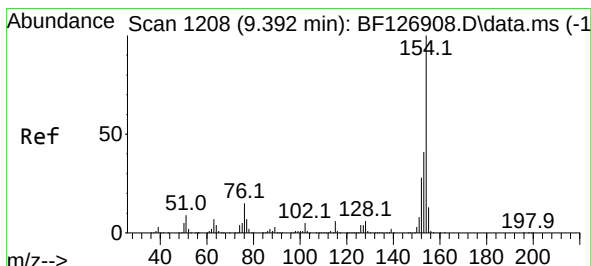
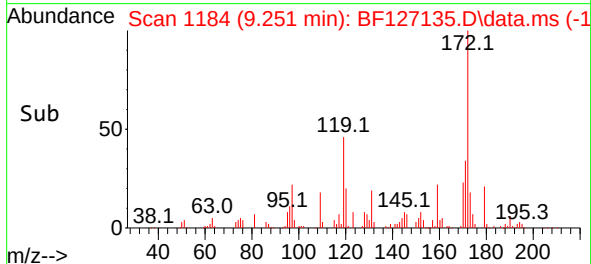
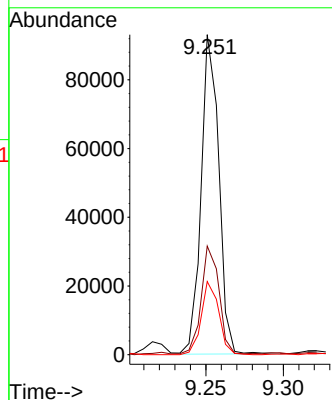
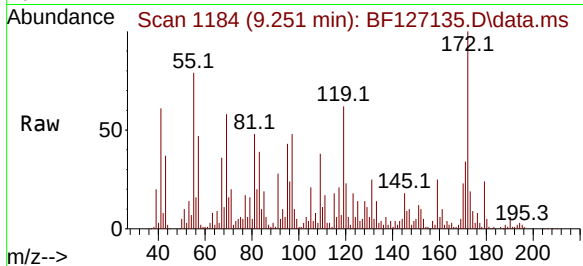




#45
2-Fluorobiphenyl
Concen: 7.229 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

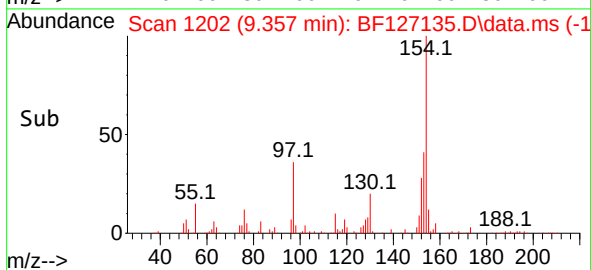
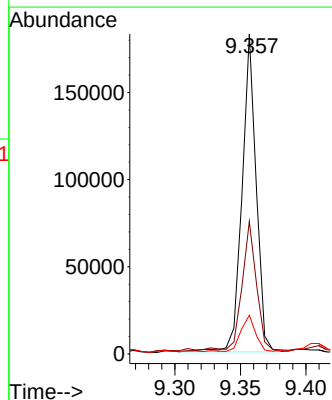
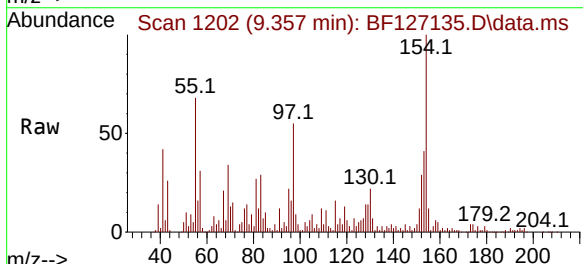
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

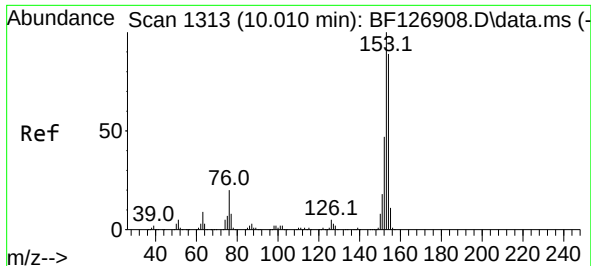
Tgt Ion:172 Resp: 73727
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 11.512 ng
RT: 9.357 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:154 Resp: 136947
Ion Ratio Lower Upper
154 100
153 41.5 19.0 59.0
76 12.1 0.0 34.5

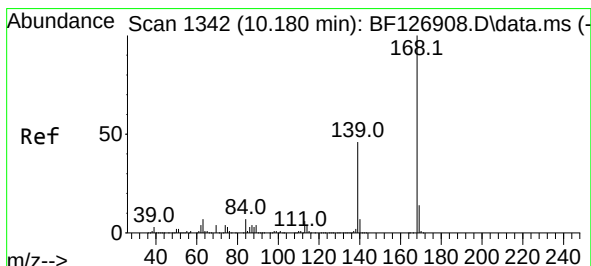
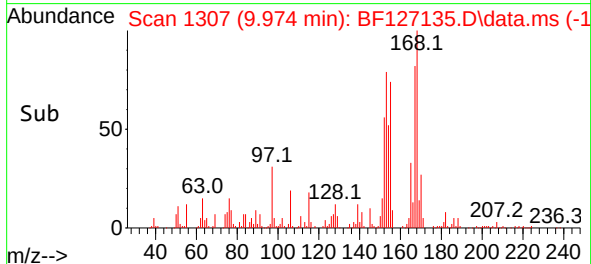
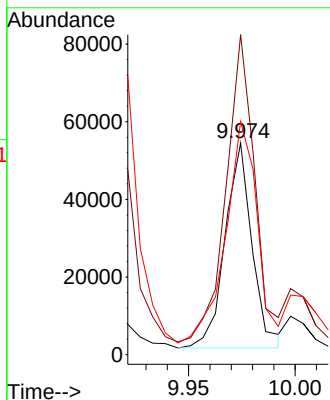
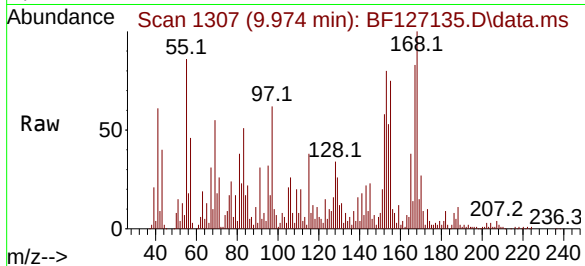




#52
Acenaphthene
Concen: 4.997 ng
RT: 9.974 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

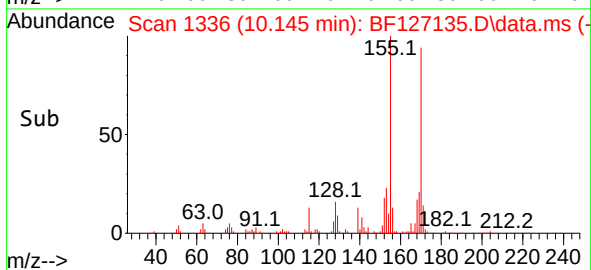
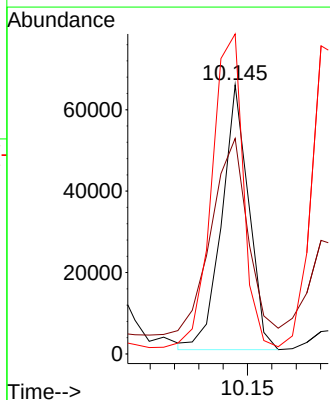
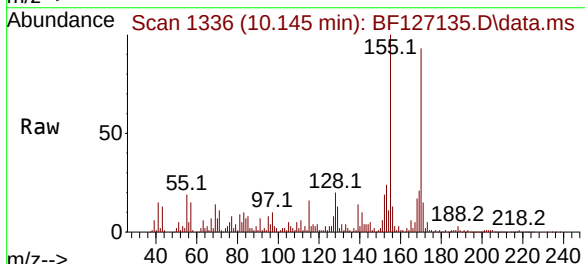
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

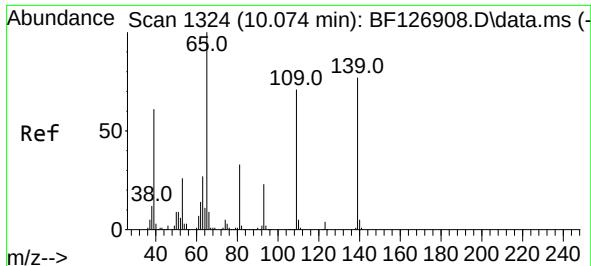
Tgt Ion:154 Resp: 46571
Ion Ratio Lower Upper
154 100
153 151.2 87.8 131.6#
152 110.1 39.4 59.2#



#55
Dibenzofuran
Concen: 3.905 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:168 Resp: 50035
Ion Ratio Lower Upper
168 100
139 80.1 30.6 46.0#
169 118.9 10.0 15.0#

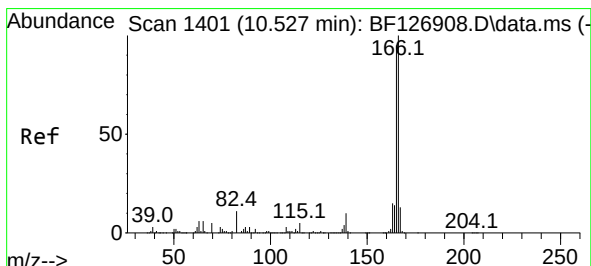
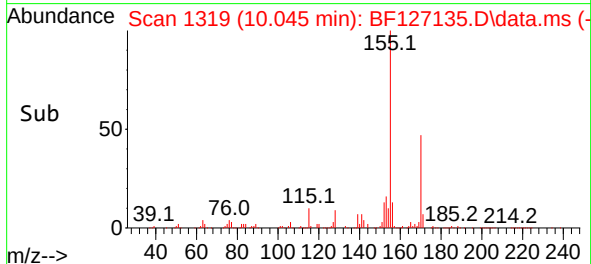
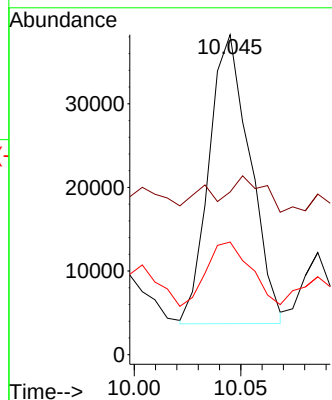
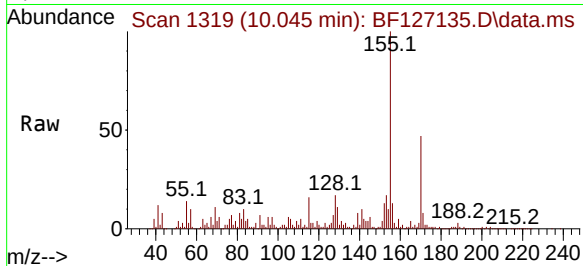




#56
4-Nitrophenol
Concen: 23.510 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

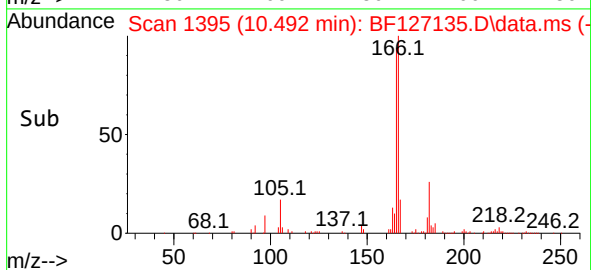
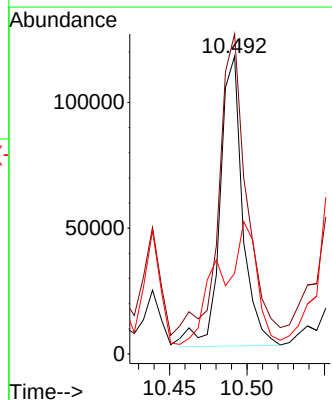
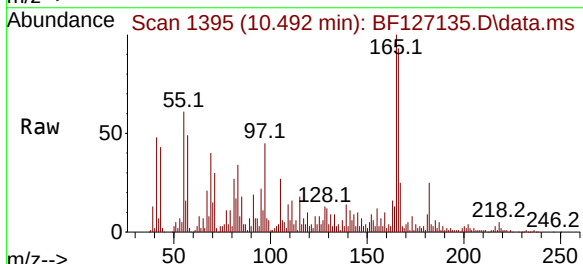
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

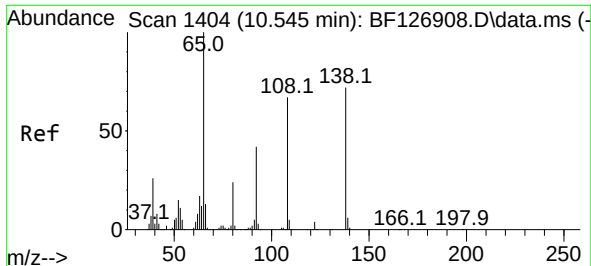
Tgt Ion:139 Resp: 46347
Ion Ratio Lower Upper
139 100
109 50.8 44.1 84.1
65 35.2 85.5 125.5#



#58
Fluorene
Concen: 11.684 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:166 Resp: 116621
Ion Ratio Lower Upper
166 100
165 107.4 77.7 116.5
167 27.1 10.7 16.1#

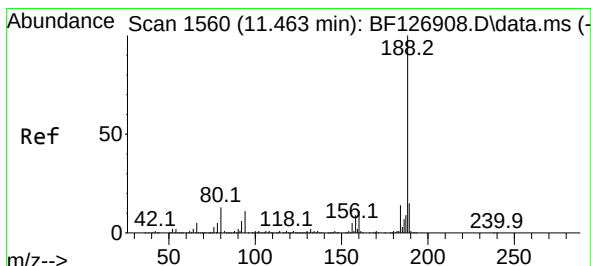
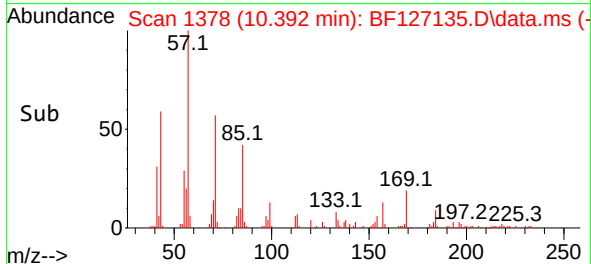
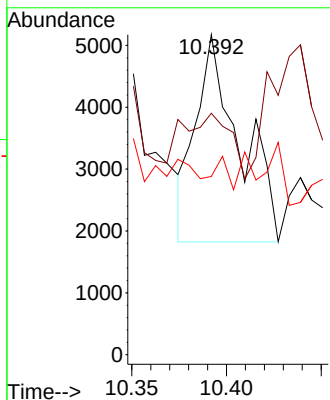
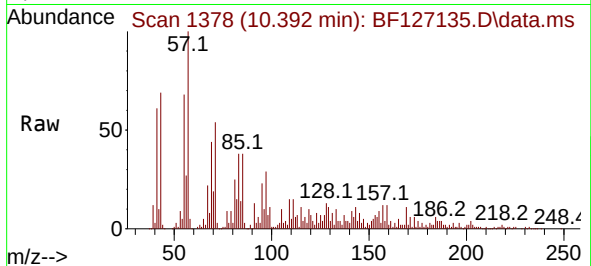




#62
4-Nitroaniline
Concen: 2.053 ng
RT: 10.392 min Scan# 11
Delta R.T. -0.118 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

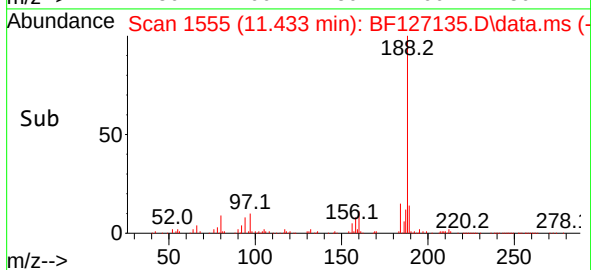
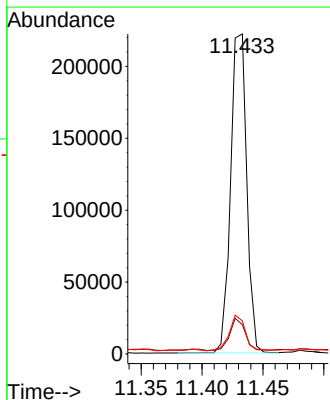
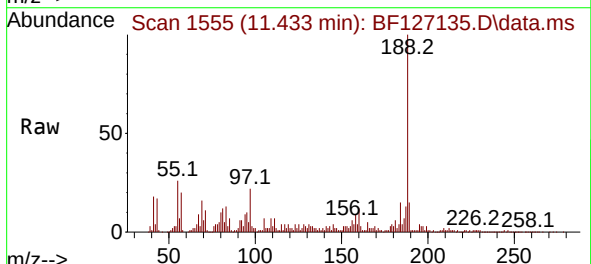
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

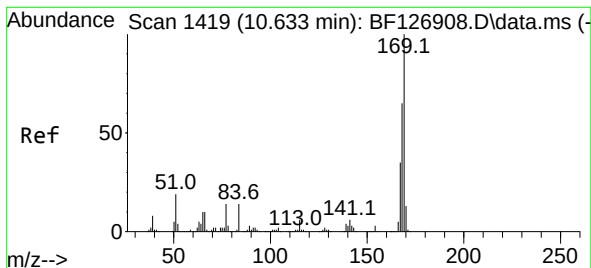
Tgt Ion:138 Resp: 5411
Ion Ratio Lower Upper
138 100
92 75.5 36.2 76.2
108 55.7 46.7 86.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:188 Resp: 205173
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.4 11.8 17.6#

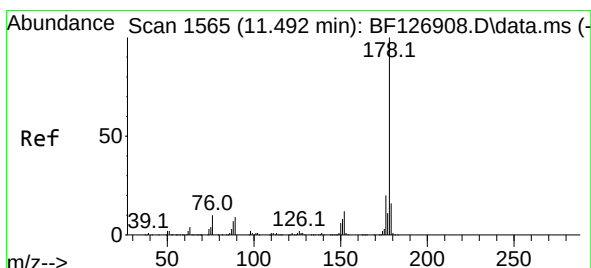
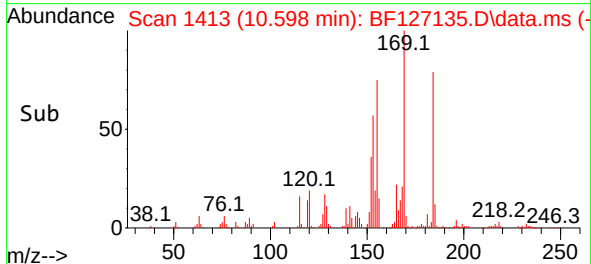
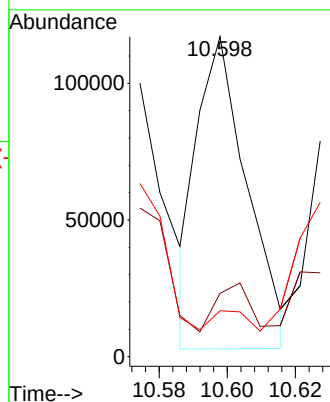
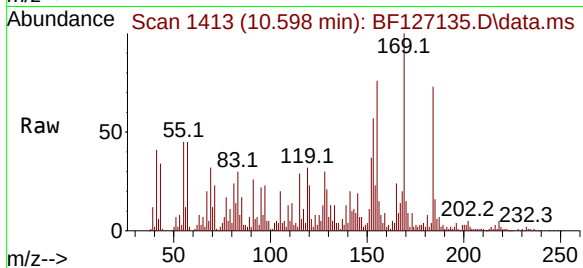




#66
n-Nitrosodiphenylamine
Concen: 17.188 ng
RT: 10.598 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

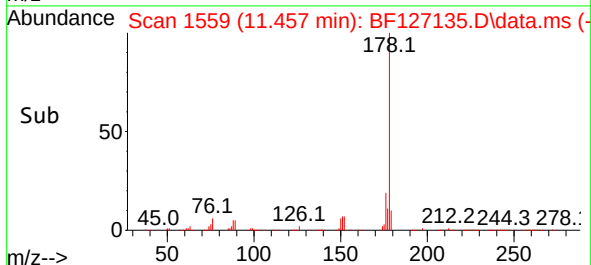
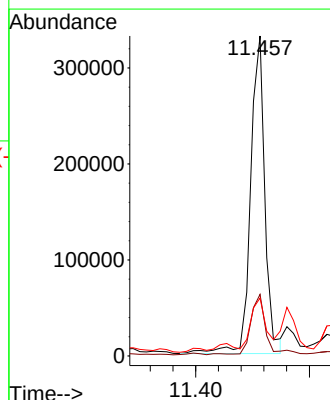
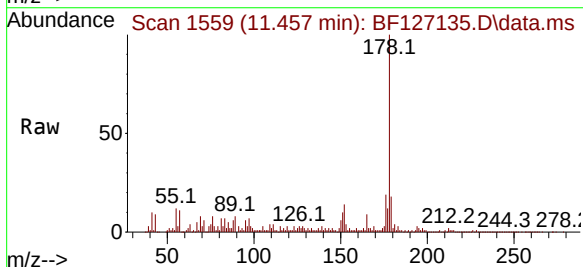
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0

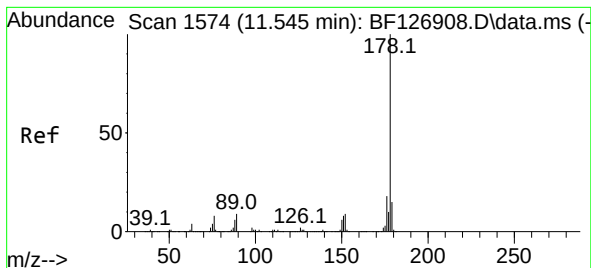
Tgt Ion:169 Resp: 115636
Ion Ratio Lower Upper
169 100
168 19.8 53.4 80.0#
167 14.3 29.4 44.0#



#71
Phenanthrene
Concen: 25.252 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:178 Resp: 289990
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 18.1 12.3 18.5





#72

Anthracene

Concen: 25.366 ng

RT: 11.457 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-17.5-18.0

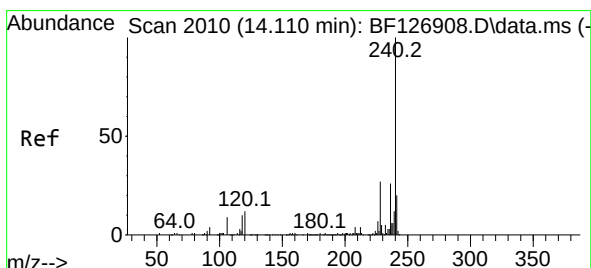
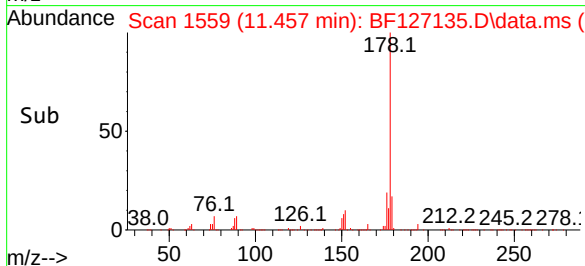
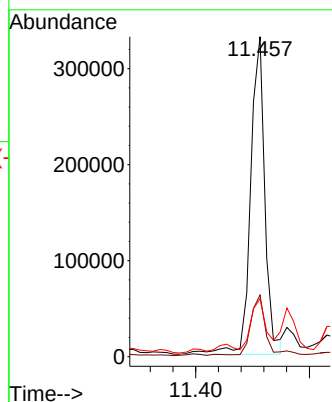
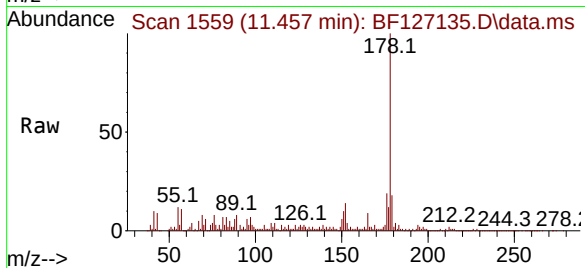
Tgt Ion:178 Resp: 289990

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.6

179 18.1 12.5 18.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

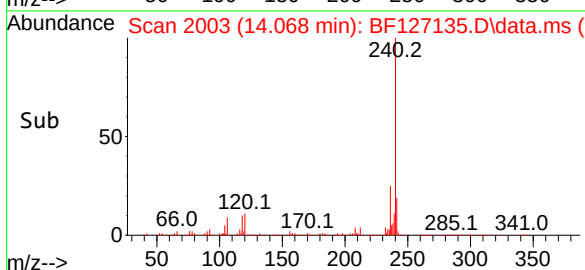
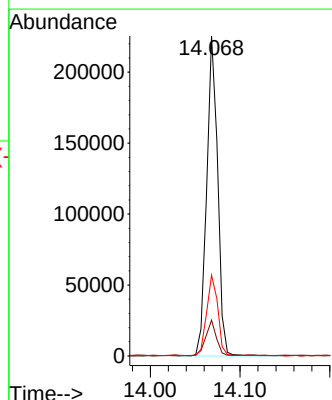
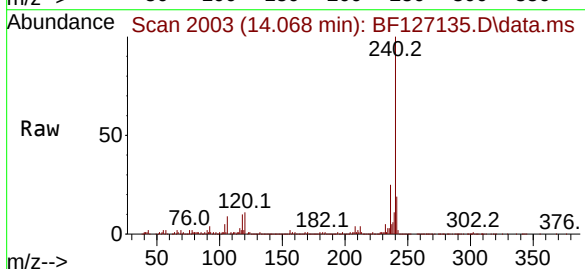
Tgt Ion:240 Resp: 191621

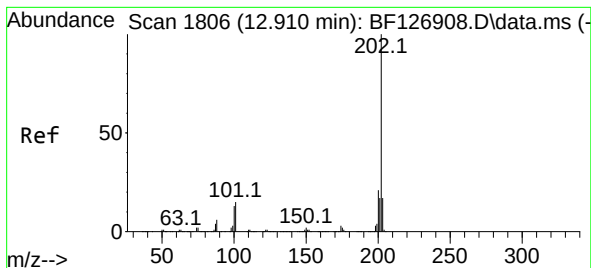
Ion Ratio Lower Upper

240 100

120 11.2 14.4 21.6#

236 25.3 20.5 30.7





#78

Pyrene

Concen: 2.878 ng

RT: 12.874 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-17.5-18.0

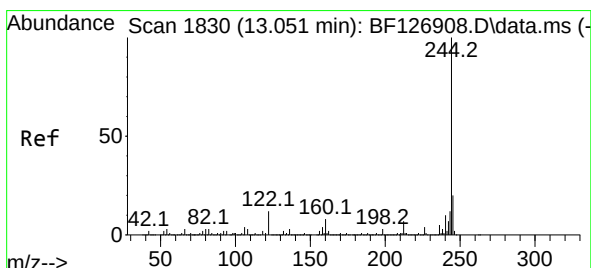
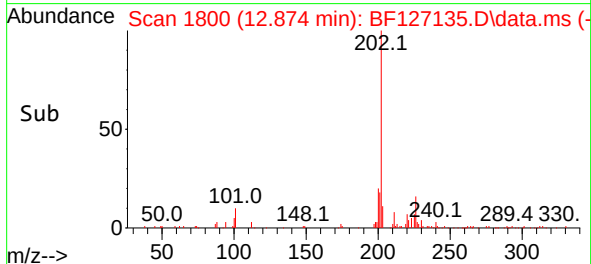
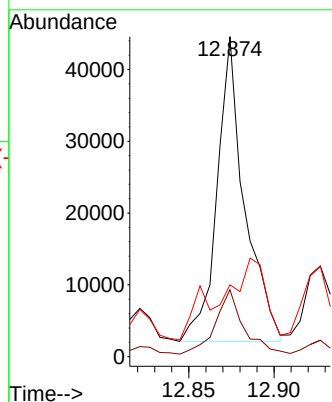
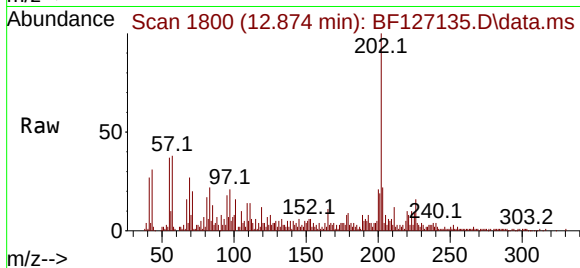
Tgt Ion:202 Resp: 47907

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 22.4 13.8 20.8#



#79

Terphenyl-d14

Concen: 4.989 ng

RT: 13.009 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

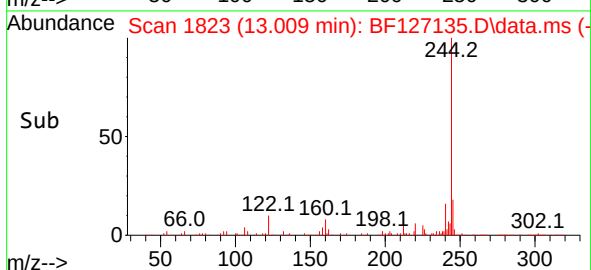
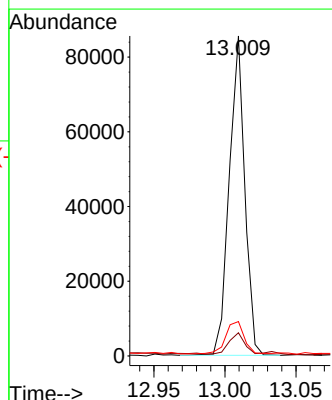
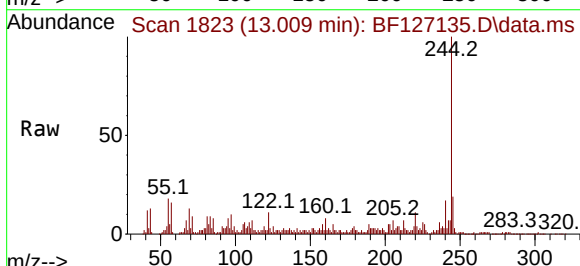
Tgt Ion:244 Resp: 65030

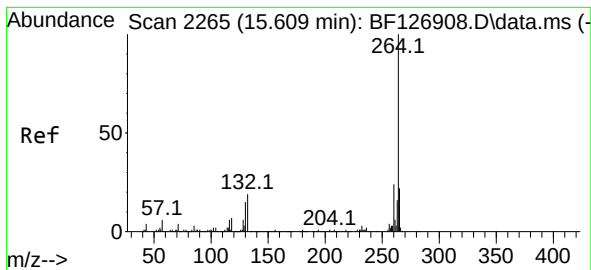
Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

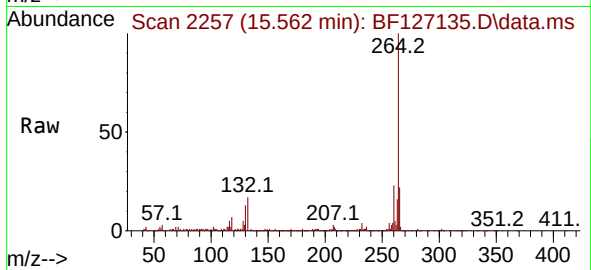
122 10.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



Tgt Ion:264 Resp: 163952

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.4	26.2

