

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127191.D
 Acq On : 04 Mar 2022 00:40
 Operator : CG\JU
 Sample : N1708-14DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B12-22.5-23.ODL

Quant Time: Mar 04 02:15:58 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)

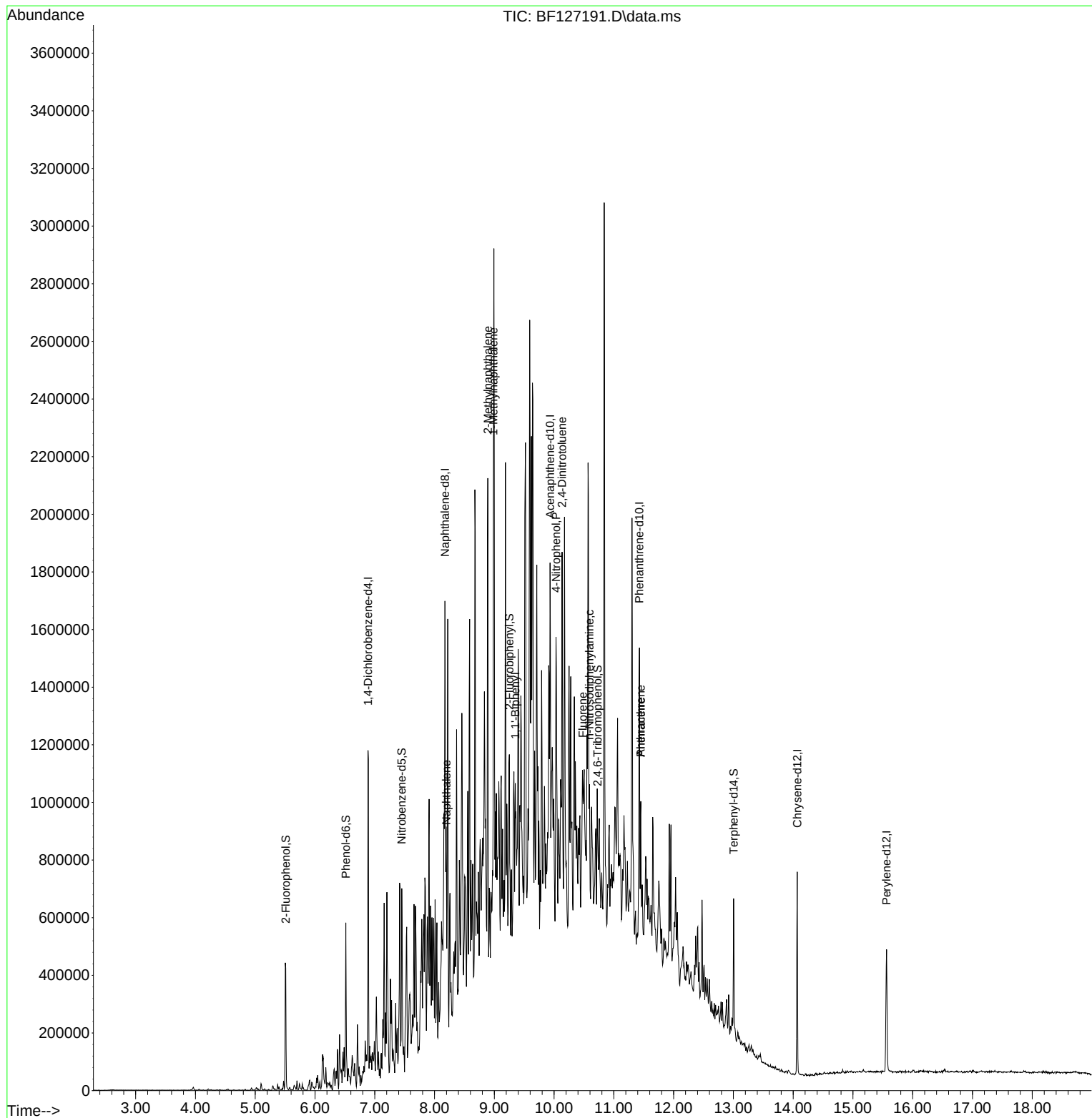
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	121083	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	459107	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	220375	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	322169	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	217937	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	189145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	116081	14.817	ng	0.00
7) Phenol-d6	6.516	99	159480	15.086	ng	0.00
23) Nitrobenzene-d5	7.451	82	108029	10.621	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	27976	11.026	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	167336	11.178	ng	0.00
79) Terphenyl-d14	13.004	244	136823	9.229	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.198	128	82251	3.432	ng	# 91
37) 2-Methylnaphthalene	8.892	142	437404	28.127	ng	96
38) 1-Methylnaphthalene	8.986	142	365450	24.540	ng	100
46) 1,1'-Biphenyl	9.351	154	100785	5.772	ng	98
56) 4-Nitrophenol	10.033	139	25025	8.649	ng	# 49
57) 2,4-Dinitrotoluene	10.133	165	12829	2.961	ng	# 52
58) Fluorene	10.480	166	66853	4.563	ng	# 87
66) n-Nitrosodiphenylamine	10.592	169	65079	6.160	ng	# 52
71) Phenanthrene	11.451	178	169526	9.401	ng	97
72) Anthracene	11.451	178	169526	9.444	ng	98

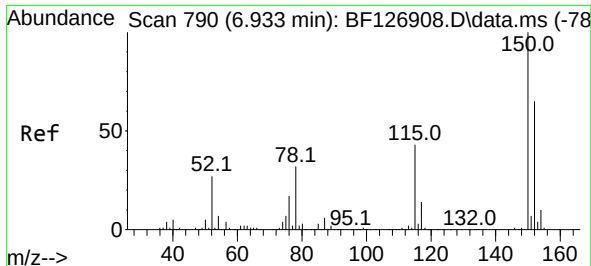
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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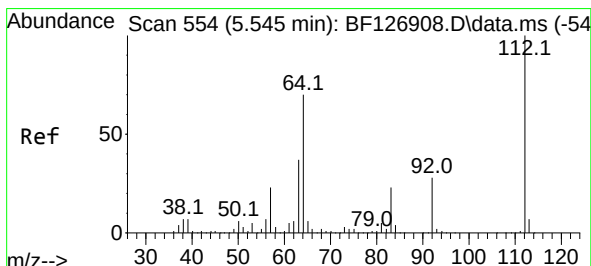
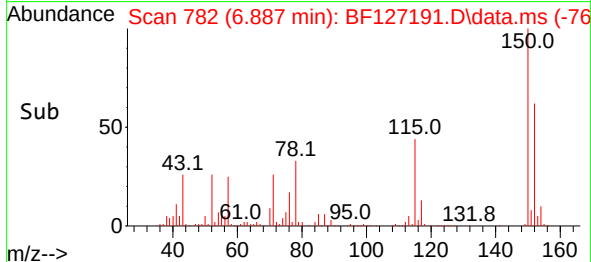
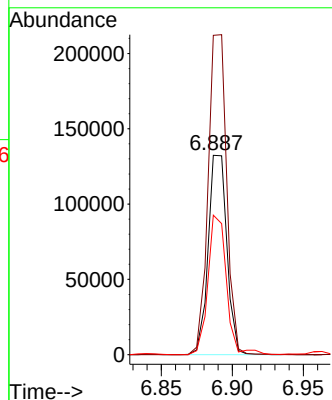
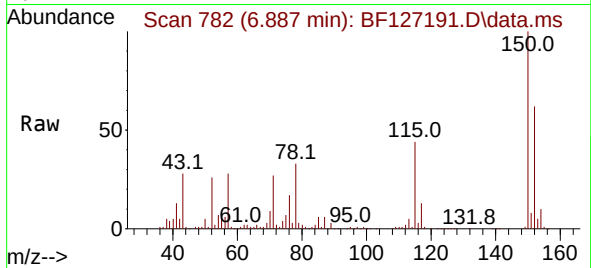




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

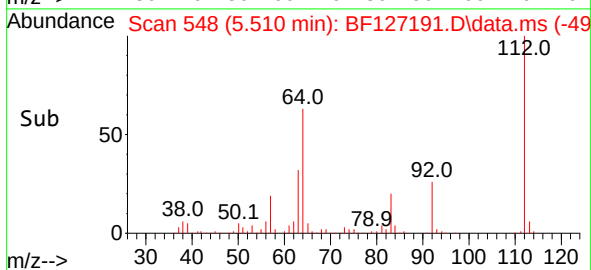
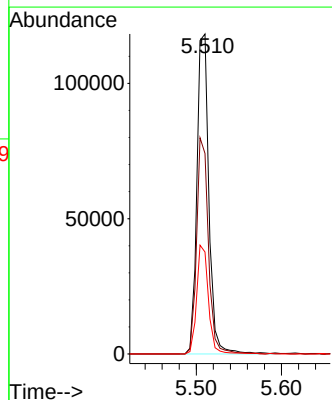
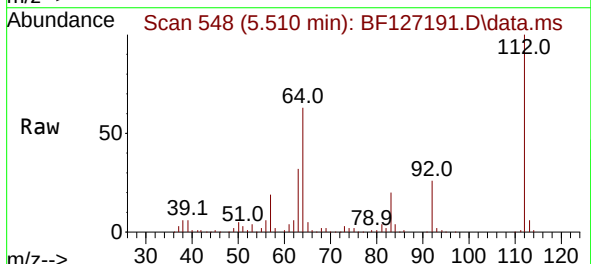
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0DL

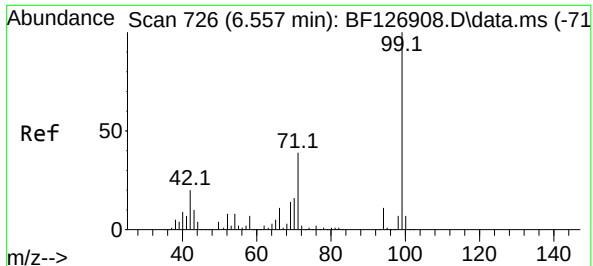
Tgt Ion:152 Resp: 121083
Ion Ratio Lower Upper
152 100
150 160.1 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 14.817 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion:112 Resp: 116081
Ion Ratio Lower Upper
112 100
64 62.7 49.5 74.3
63 31.8 23.9 35.9

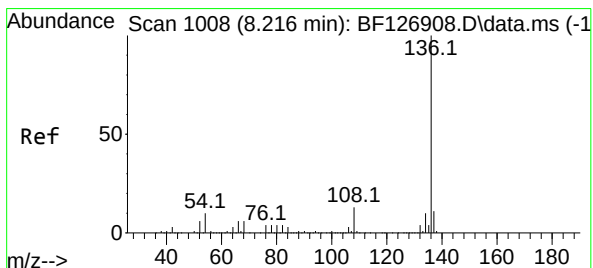
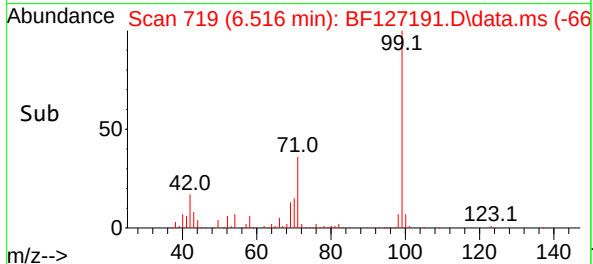
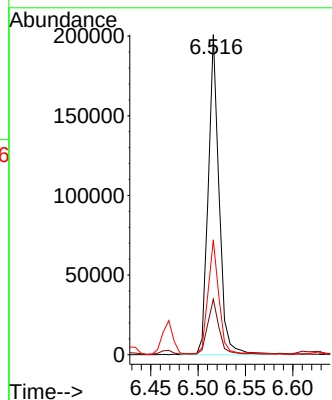
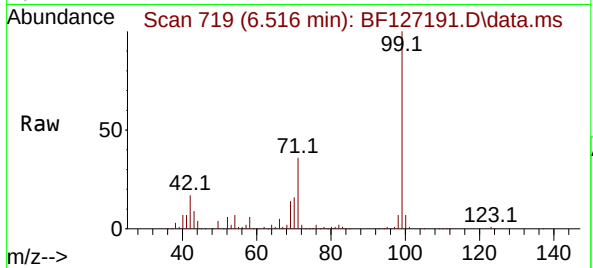




#7
Phenol-d6
Concen: 15.086 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

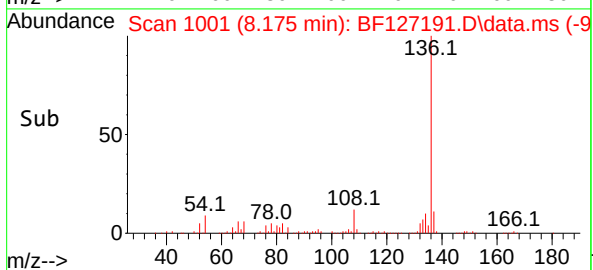
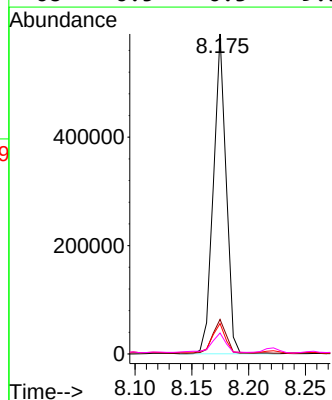
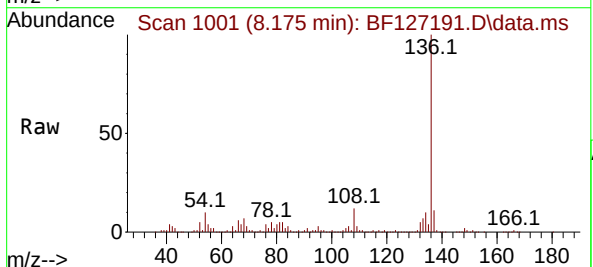
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0DL

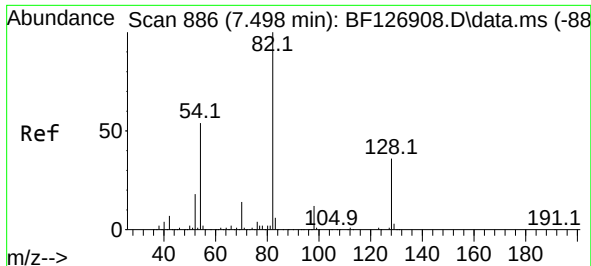
Tgt Ion: 99 Resp: 159480
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 35.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion: 136 Resp: 459107
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 7.8 11.6
68 6.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 10.621 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127191.D

Acq: 04 Mar 2022 00:40

Instrument :

BNA_F

ClientSampleId :

PPSP-B12-22.5-23.0DL

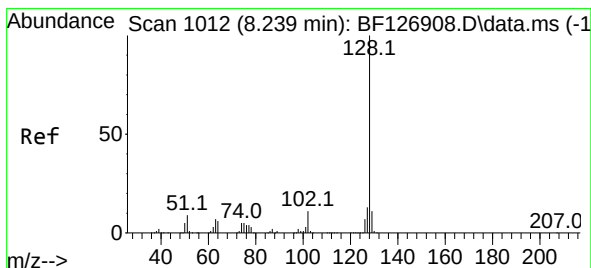
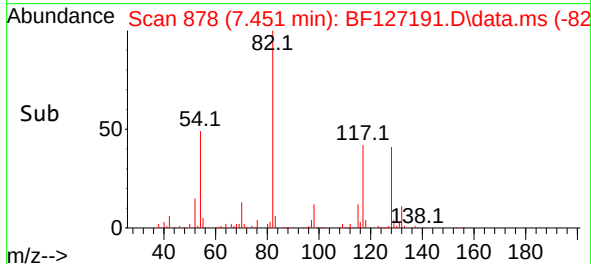
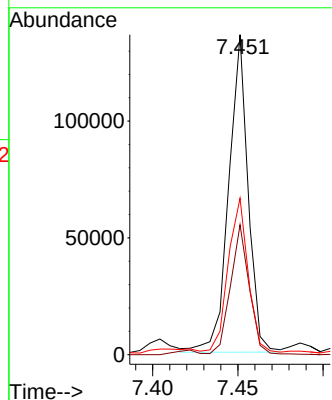
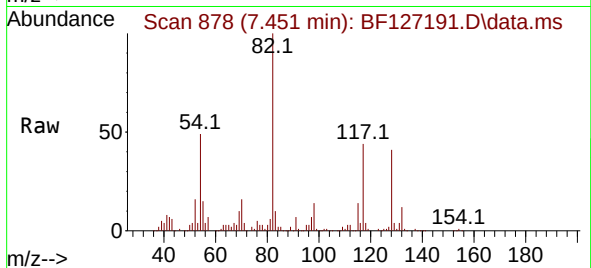
Tgt Ion: 82 Resp: 108029

Ion Ratio Lower Upper

82 100

128 40.6 32.7 49.1

54 48.9 41.7 62.5



#31

Naphthalene

Concen: 3.432 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF127191.D

Acq: 04 Mar 2022 00:40

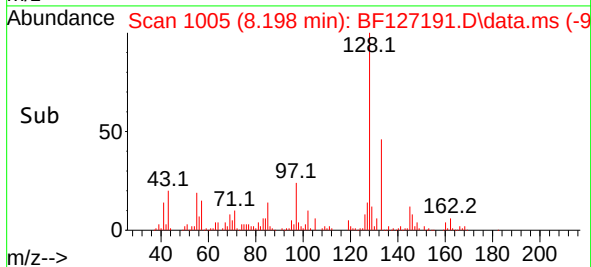
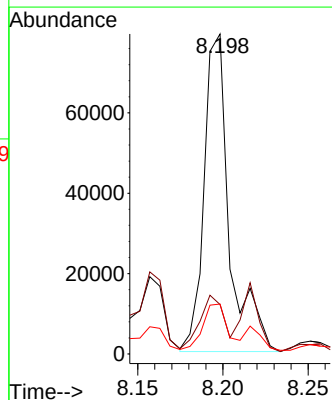
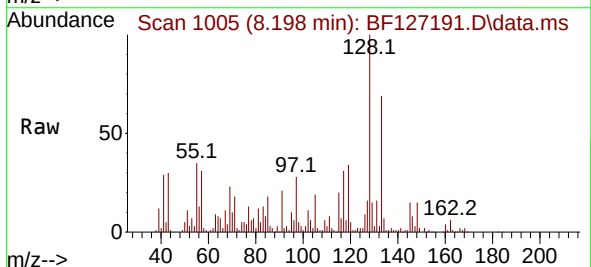
Tgt Ion: 128 Resp: 82251

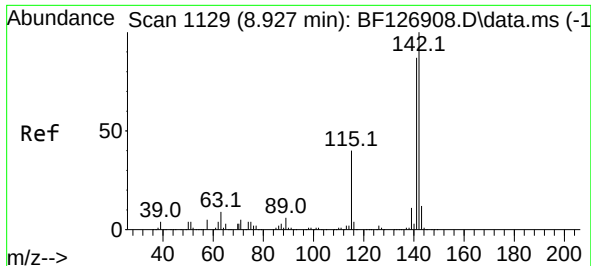
Ion Ratio Lower Upper

128 100

129 15.5 8.6 13.0#

127 15.6 10.3 15.5#





#37

2-Methylnaphthalene

Concen: 28.127 ng

RT: 8.892 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF127191.D

Acq: 04 Mar 2022 00:40

Instrument :

BNA_F

ClientSampleId :

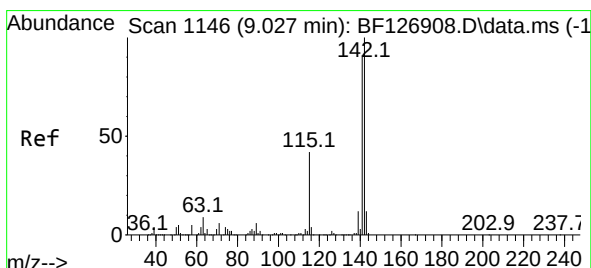
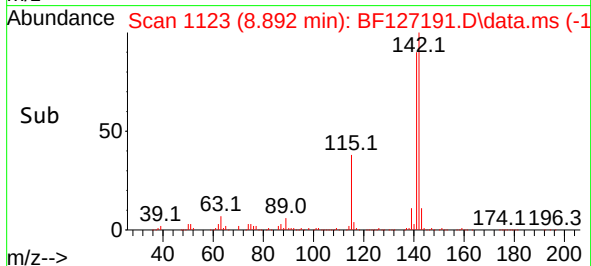
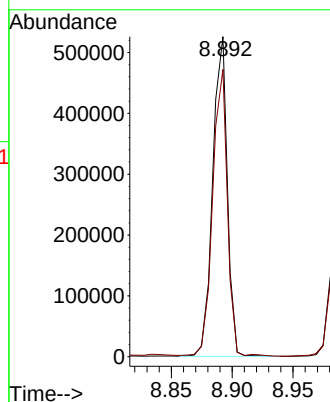
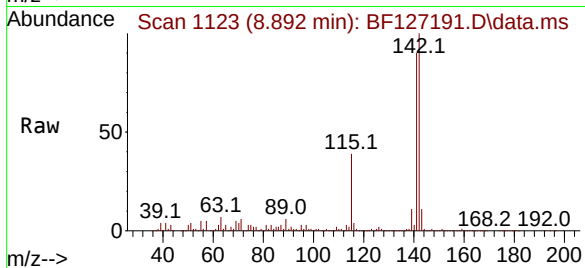
PPSP-B12-22.5-23.0DL

Tgt Ion:142 Resp: 437404

Ion Ratio Lower Upper

142 100

141 89.8 68.6 102.8



#38

1-Methylnaphthalene

Concen: 24.540 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF127191.D

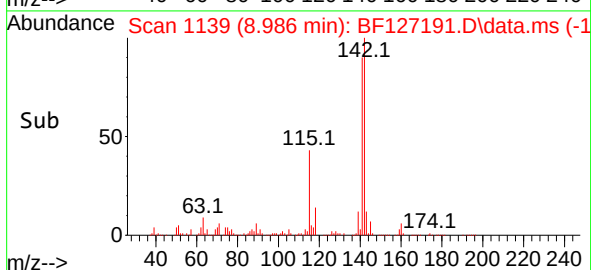
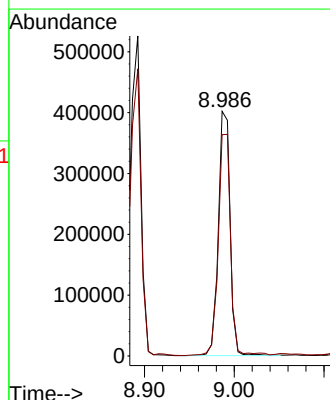
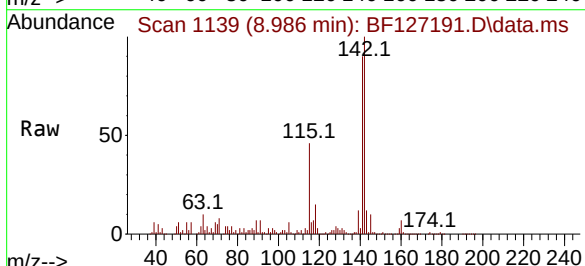
Acq: 04 Mar 2022 00:40

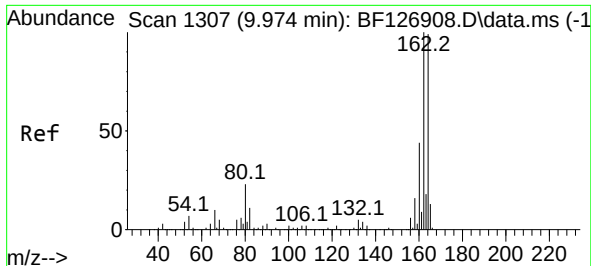
Tgt Ion:142 Resp: 365450

Ion Ratio Lower Upper

142 100

141 90.5 72.1 108.1

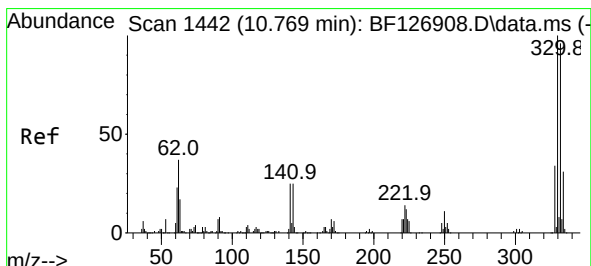
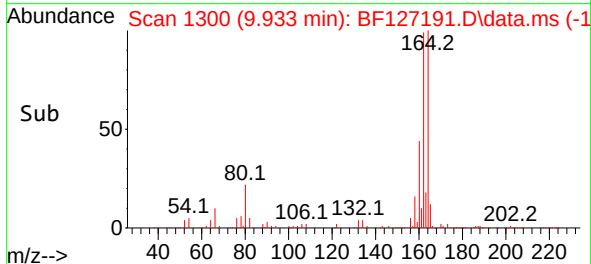
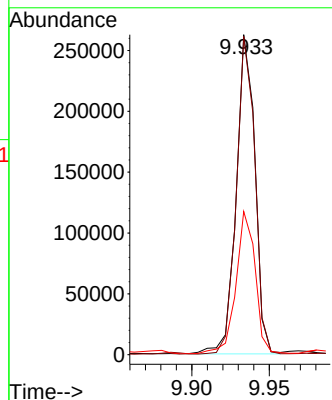
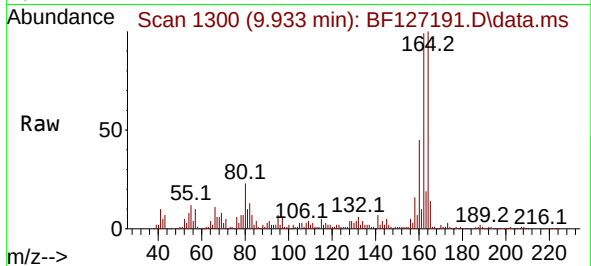




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

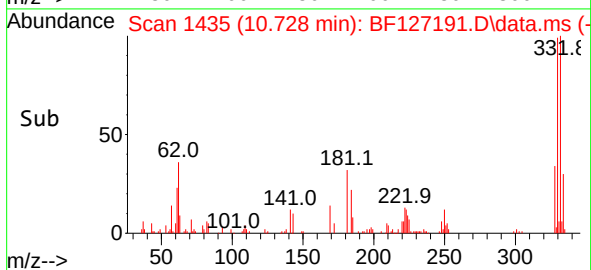
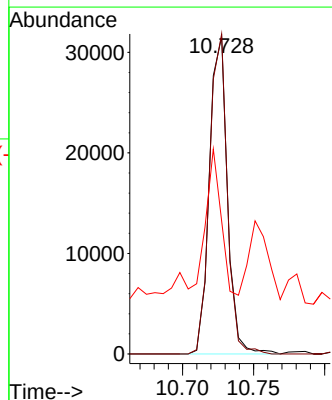
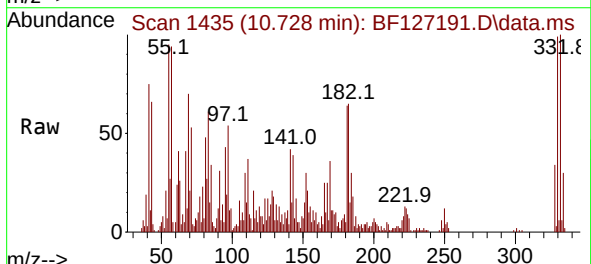
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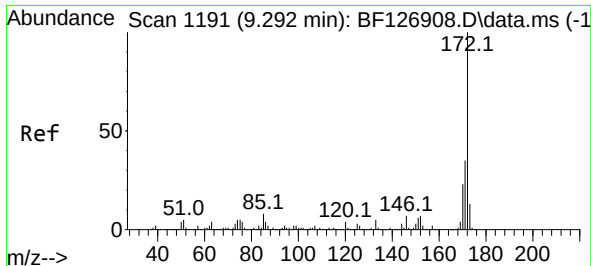
Tgt Ion:164 Resp: 220375
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 44.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 11.026 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion:330 Resp: 27976
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 42.8 30.1 45.1

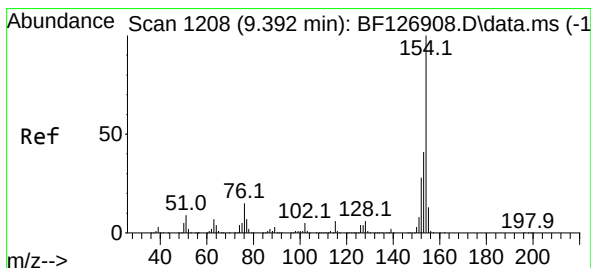
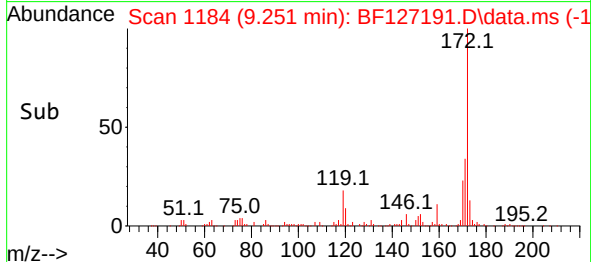
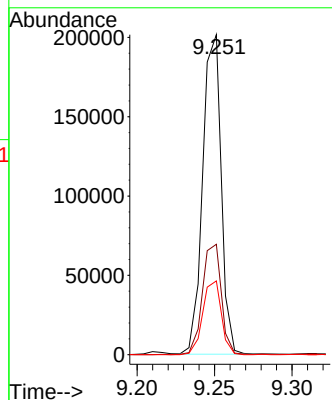
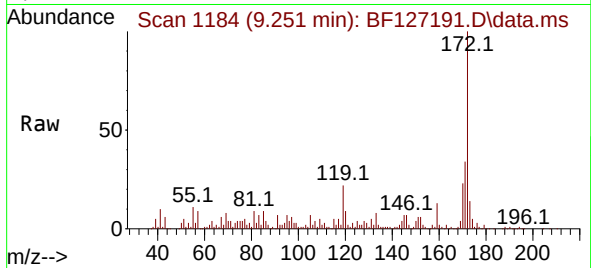




#45
2-Fluorobiphenyl
Concen: 11.178 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

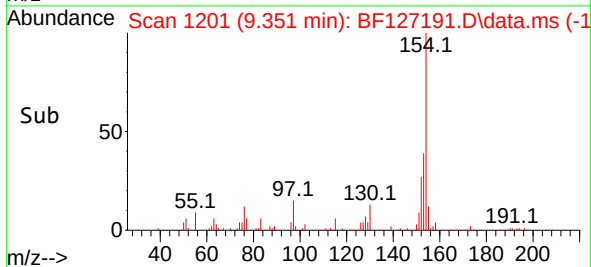
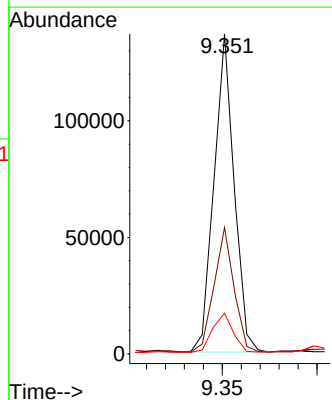
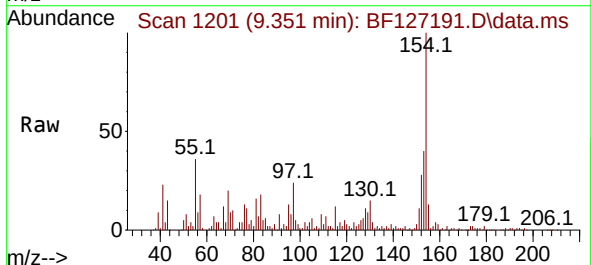
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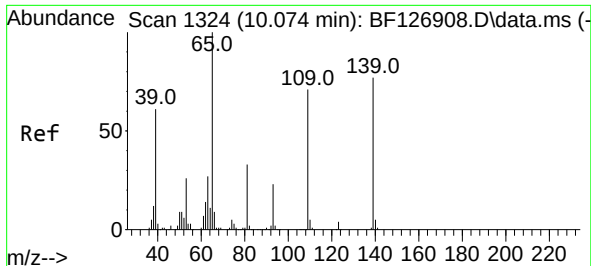
Tgt Ion:172 Resp: 167336
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 5.772 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion:154 Resp: 100785
Ion Ratio Lower Upper
154 100
153 39.5 19.0 59.0
76 12.7 0.0 34.5

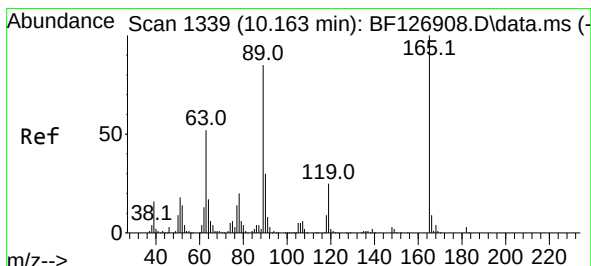
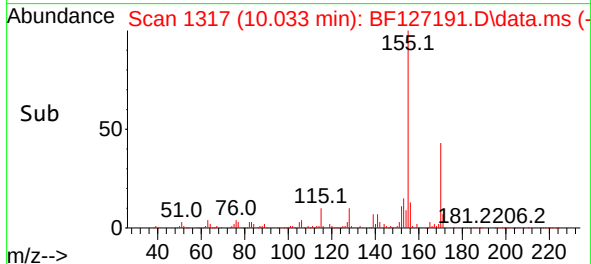
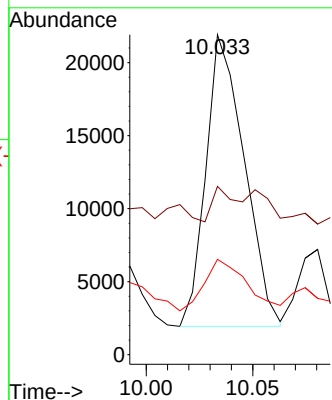
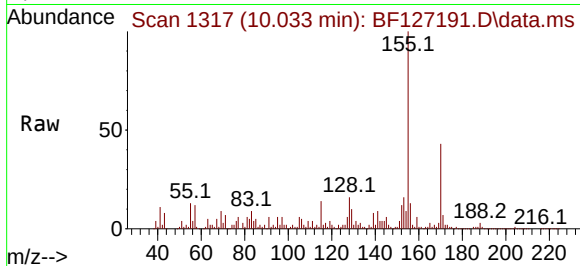




#56
4-Nitrophenol
Concen: 8.649 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

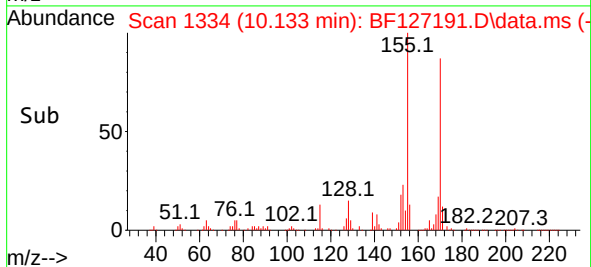
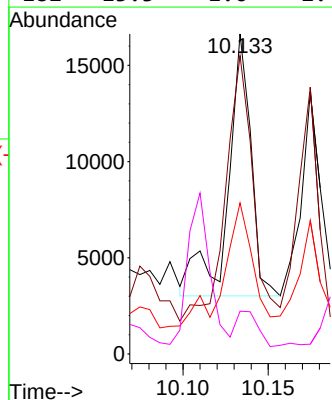
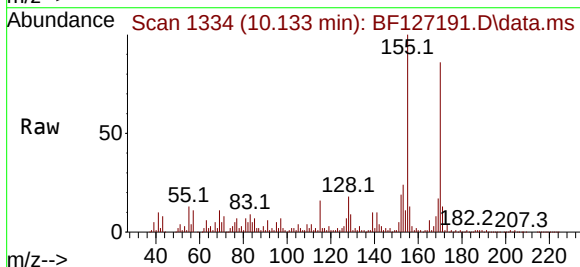
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0DL

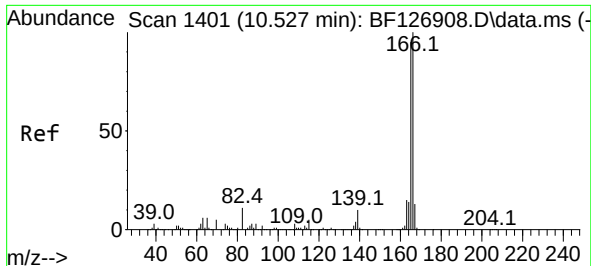
Tgt Ion:139 Resp: 25025
Ion Ratio Lower Upper
139 100
109 52.6 44.1 84.1
65 29.8 85.5 125.5#



#57
2,4-Dinitrotoluene
Concen: 2.961 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion:165 Resp: 12829
Ion Ratio Lower Upper
165 100
63 93.2 43.0 64.6#
89 47.2 71.0 106.4#
182 13.3 1.6 2.4#

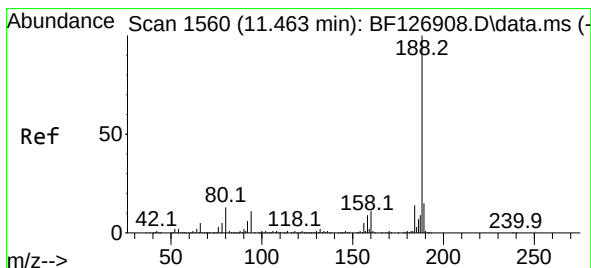
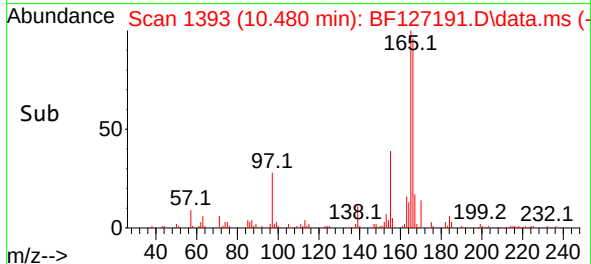
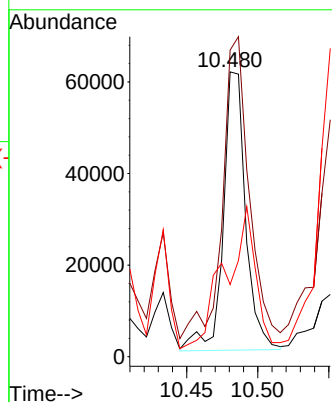
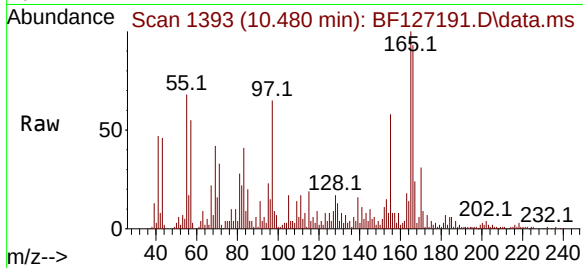




#58
Fluorene
Concen: 4.563 ng
RT: 10.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

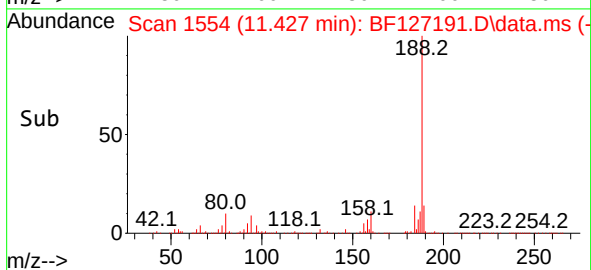
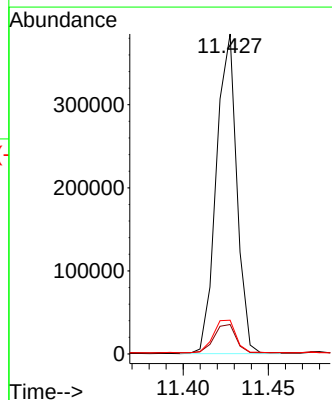
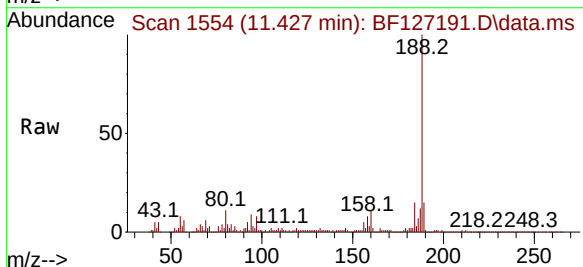
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0DL

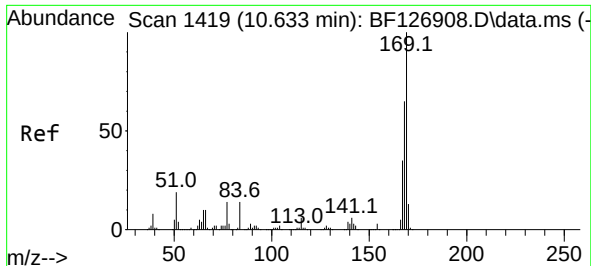
Tgt Ion:166 Resp: 66853
Ion Ratio Lower Upper
166 100
165 107.6 77.7 116.5
167 25.3 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion:188 Resp: 322169
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.6 11.8 17.6#

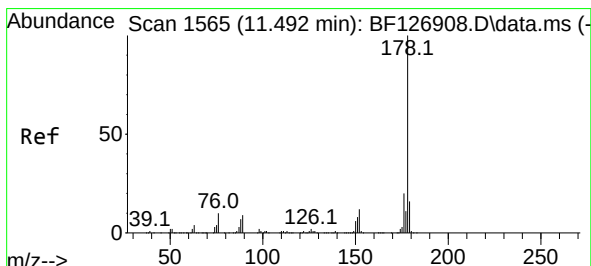
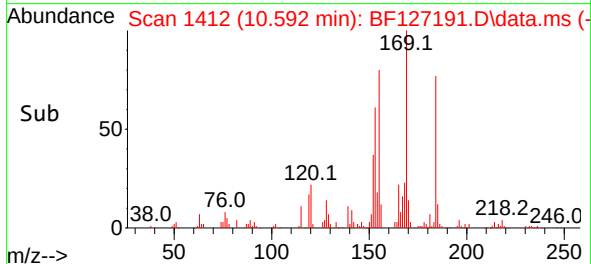
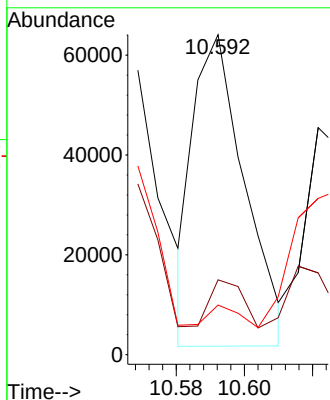
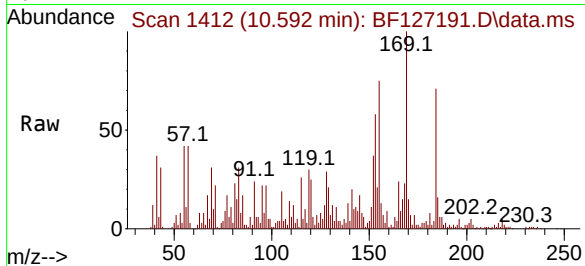




#66
n-Nitrosodiphenylamine
Concen: 6.160 ng
RT: 10.592 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

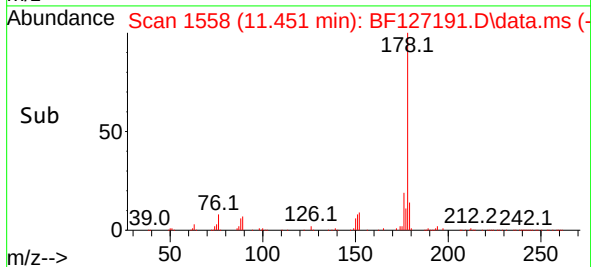
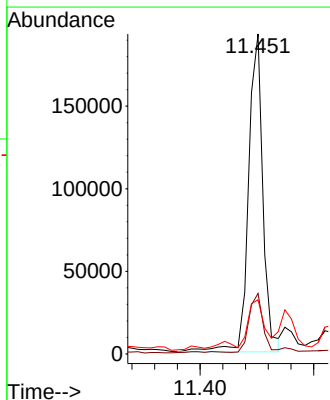
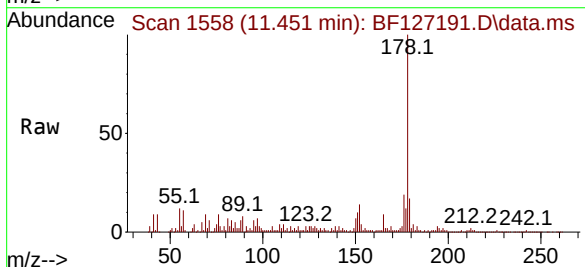
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0DL

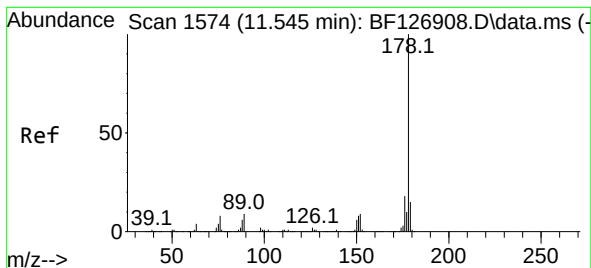
Tgt Ion:169 Resp: 65079
Ion Ratio Lower Upper
169 100
168 23.4 53.4 80.0#
167 15.5 29.4 44.0#



#71
Phenanthrene
Concen: 9.401 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF127191.D
Acq: 04 Mar 2022 00:40

Tgt Ion:178 Resp: 169526
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 17.0 12.3 18.5





#72

Anthracene

Concen: 9.444 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.053 min

Lab File: BF127191.D

Acq: 04 Mar 2022 00:40

Instrument :

BNA_F

ClientSampleId :

PPSP-B12-22.5-23.0DL

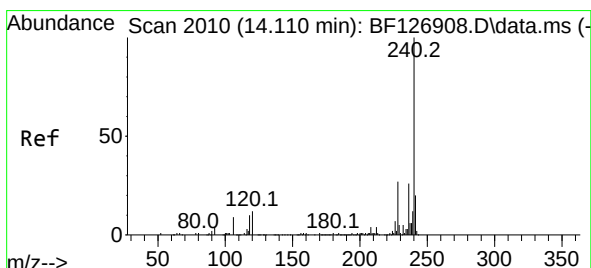
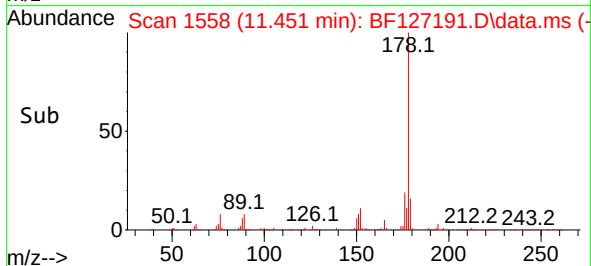
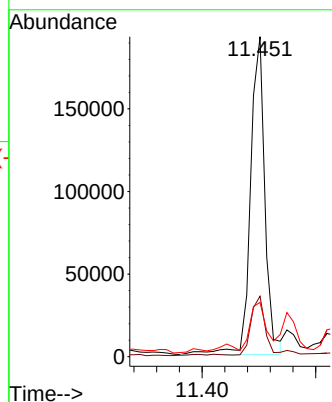
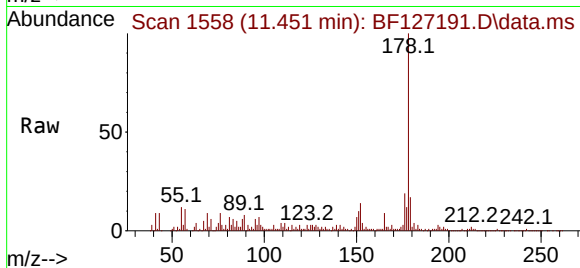
Tgt Ion:178 Resp: 169526

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 17.0 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: BF127191.D

Acq: 04 Mar 2022 00:40

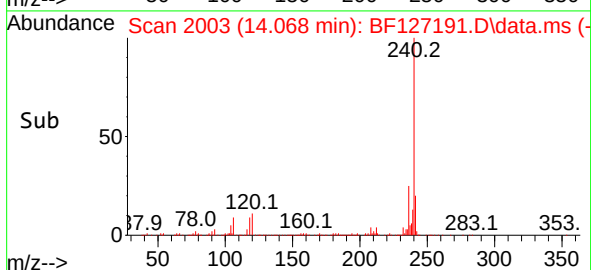
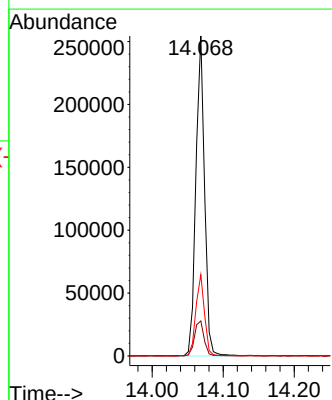
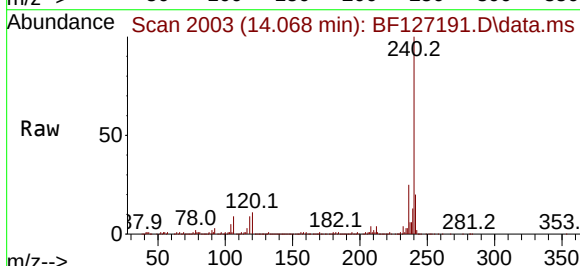
Tgt Ion:240 Resp: 217937

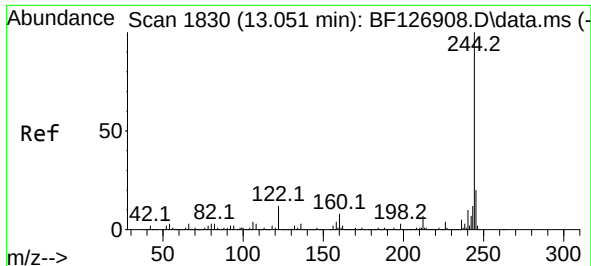
Ion Ratio Lower Upper

240 100

120 10.9 14.4 21.6#

236 25.4 20.5 30.7

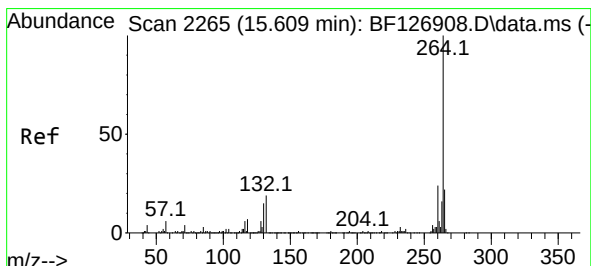
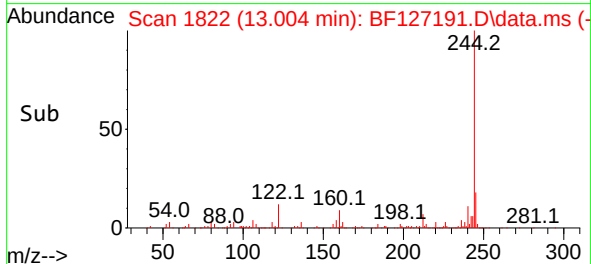
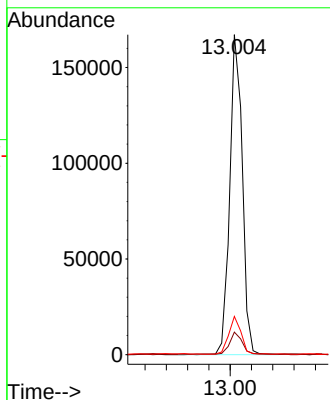
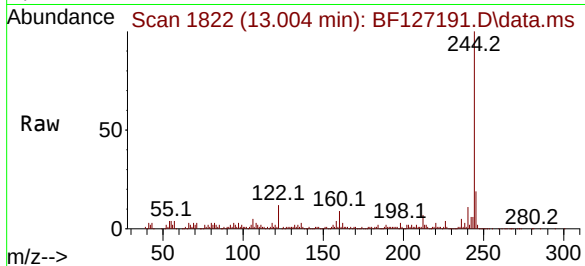




#79
 Terphenyl-d14
 Concen: 9.229 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF127191.D
 Acq: 04 Mar 2022 00:40

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B12-22.5-23.0DL

Tgt Ion:244 Resp: 136823
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127191.D
 Acq: 04 Mar 2022 00:40

Tgt Ion:264 Resp: 189145
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.4 17.4 26.2

