

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127159.D
 Acq On : 02 Mar 2022 21:02
 Operator : CG\JU
 Sample : N1708-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 03 00:58:10 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)

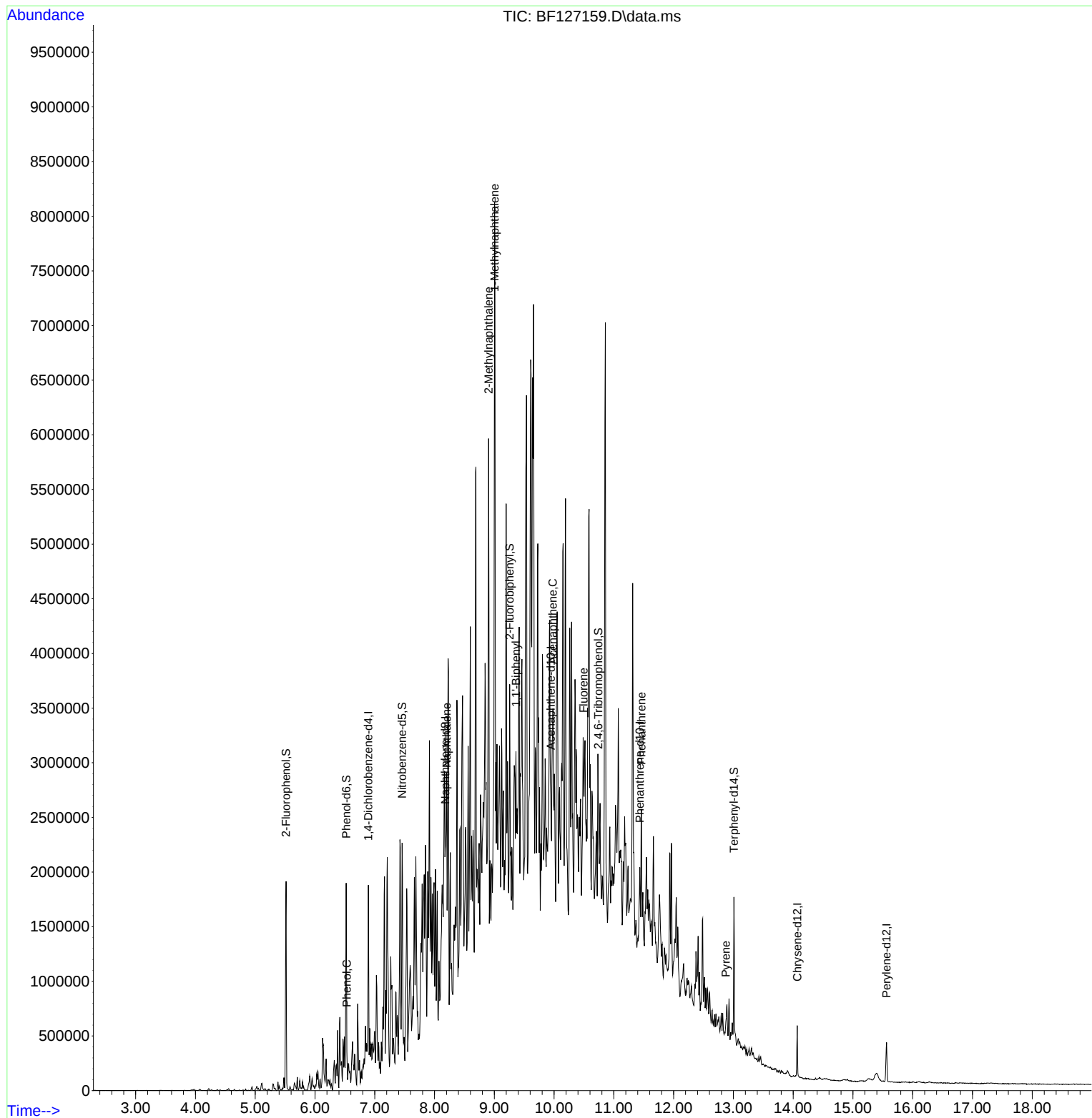
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78889	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	293983	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	140047	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	169214	20.000	ng	0.00
76) Chrysene-d12	14.068	240	137219	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	152673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	455912	89.321	ng	0.00
7) Phenol-d6	6.522	99	559938	81.299	ng	0.00
23) Nitrobenzene-d5	7.457	82	382742	58.765	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	104881	65.044	ng	0.01
45) 2-Fluorobiphenyl	9.257	172	526739	55.370	ng	0.00
79) Terphenyl-d14	13.010	244	383830	41.120	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	14355	2.063	ng	74
31) Naphthalene	8.204	128	261838	17.062	ng	# 90
37) 2-Methylnaphthalene	8.904	142	1408188	141.413	ng	98
38) 1-Methylnaphthalene	9.004	142	1141947	119.754	ng	98
46) 1,1'-Biphenyl	9.363	154	307426	27.707	ng	96
52) Acenaphthene	9.980	154	74900	8.617	ng	# 27
58) Fluorene	10.492	166	197808	21.246	ng	# 91
71) Phenanthrene	11.463	178	476059	50.264	ng	97
78) Pyrene	12.874	202	58088	4.873	ng	96

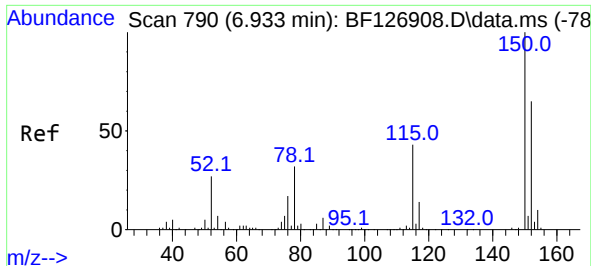
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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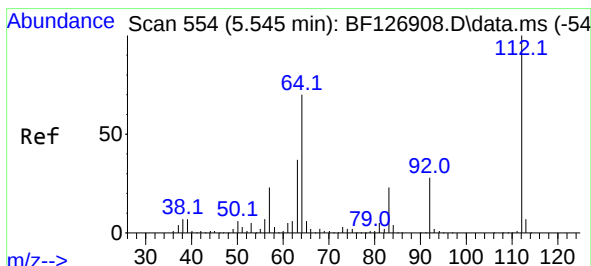
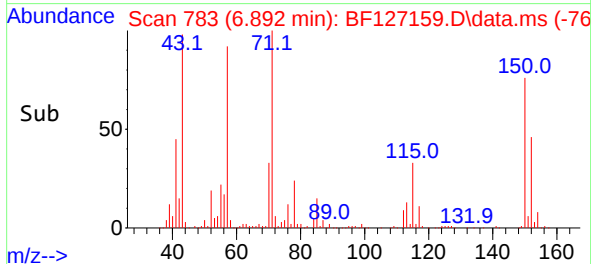
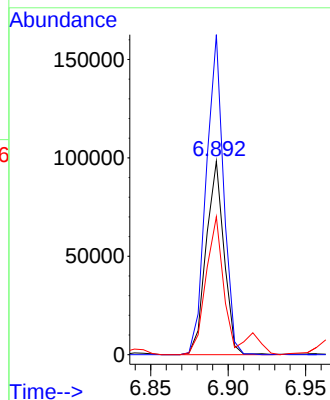
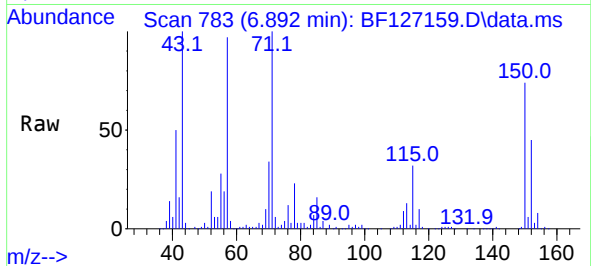




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

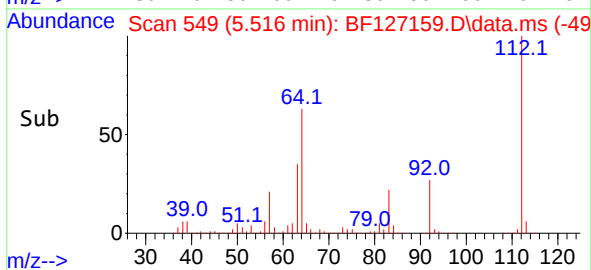
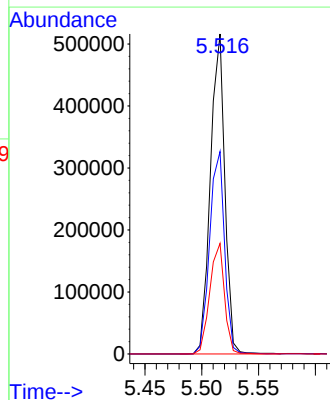
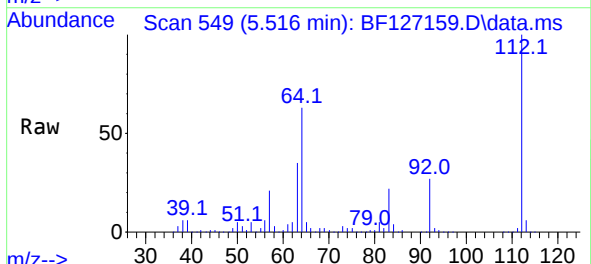
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

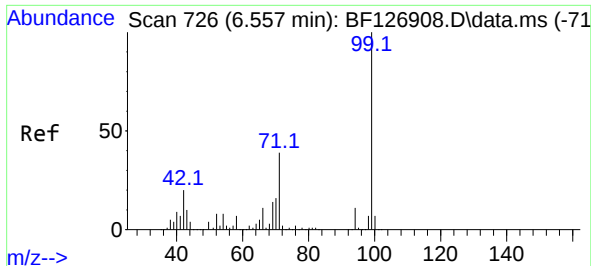
Tgt Ion:152 Resp: 78889
Ion Ratio Lower Upper
152 100
150 165.4 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 89.321 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:112 Resp: 455912
Ion Ratio Lower Upper
112 100
64 63.2 49.5 74.3
63 34.5 23.9 35.9

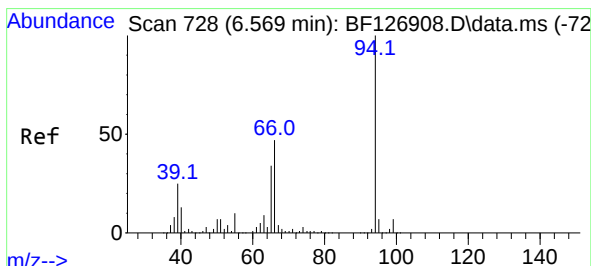
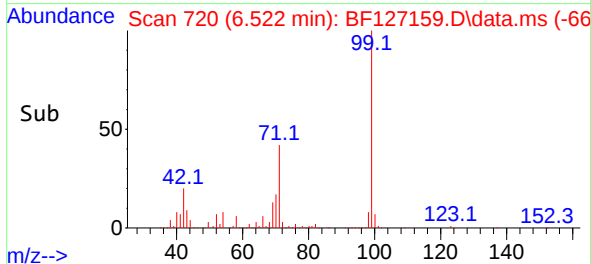
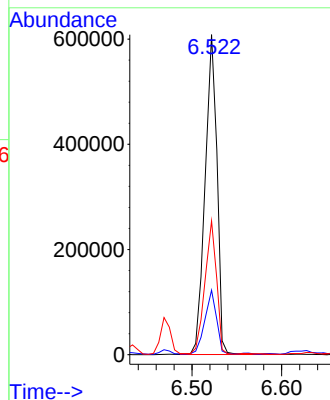
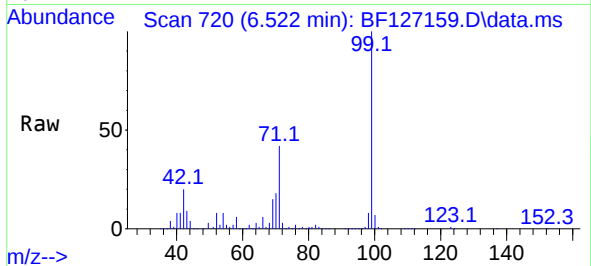




#7
Phenol-d6
Concen: 81.299 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

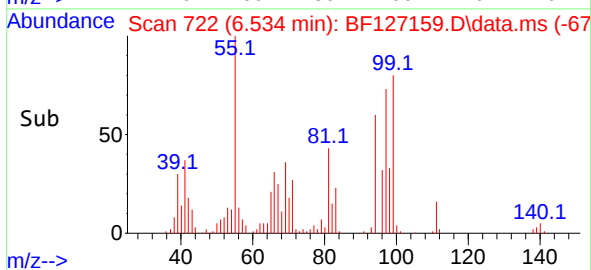
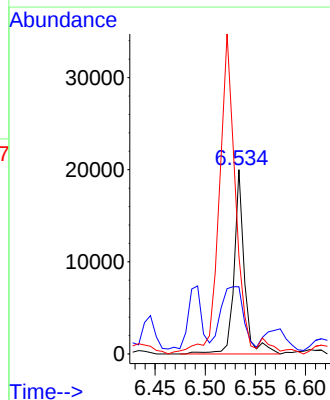
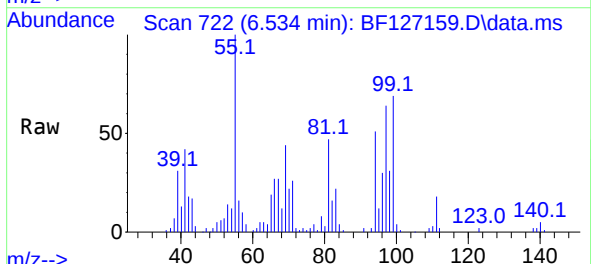
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

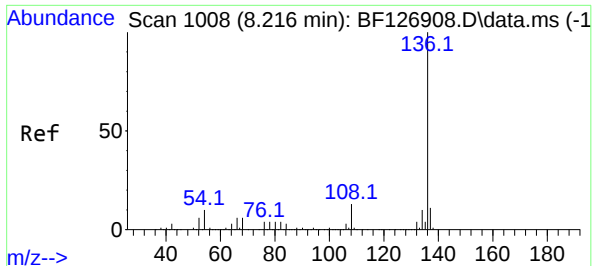
Tgt Ion: 99 Resp: 559938
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 41.8 24.3 36.5#



#10
Phenol
Concen: 2.063 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion: 94 Resp: 14355
Ion Ratio Lower Upper
94 100
65 36.5 7.2 47.2
66 53.1 14.5 54.5



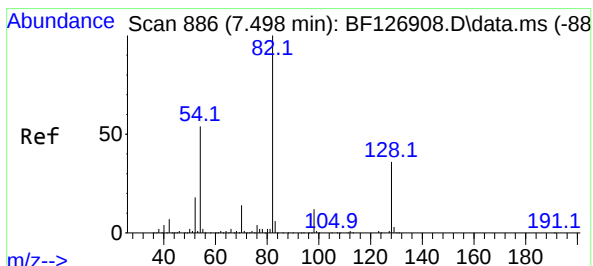
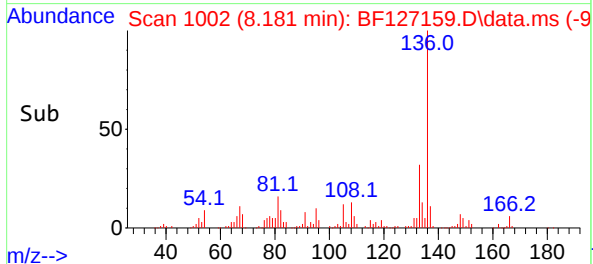
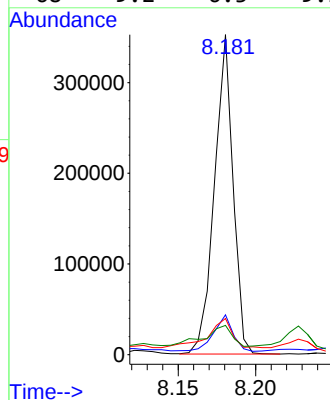
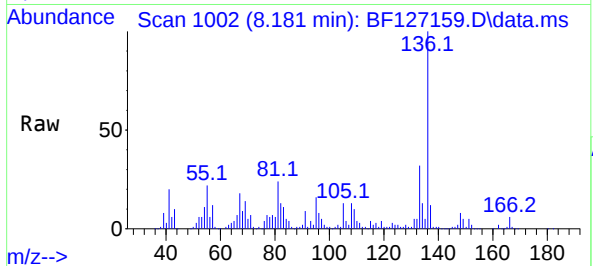


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

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

Tgt Ion:136 Resp: 293983

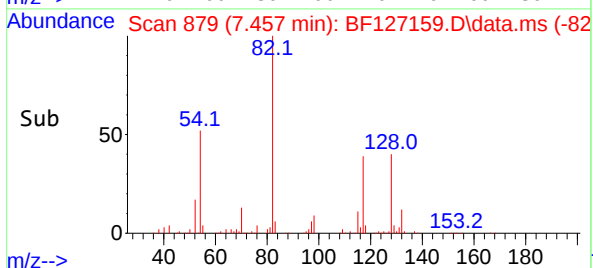
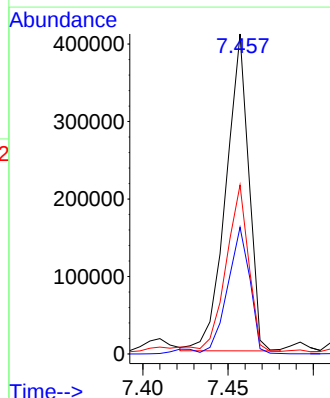
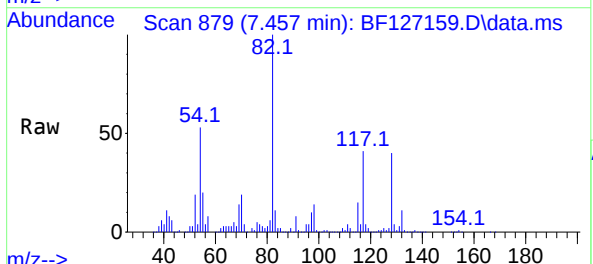
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.6	13.0
54	11.3	7.8	11.6
68	9.2	6.3	9.5

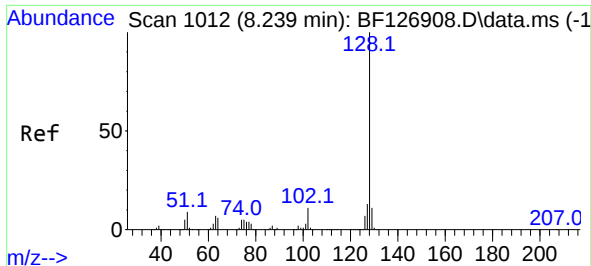


#23
Nitrobenzene-d5
Concen: 58.765 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion: 82 Resp: 382742

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.7	49.1
54	52.8	41.7	62.5

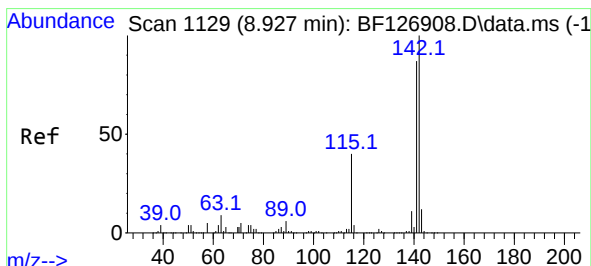
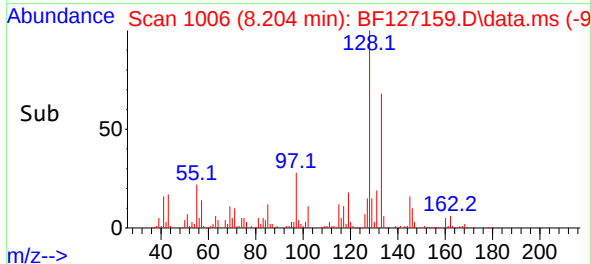
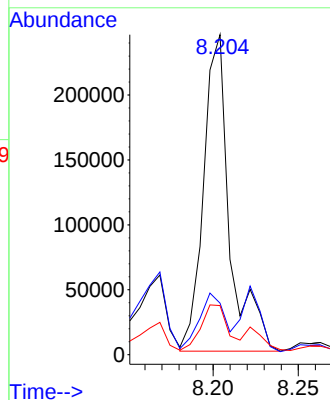
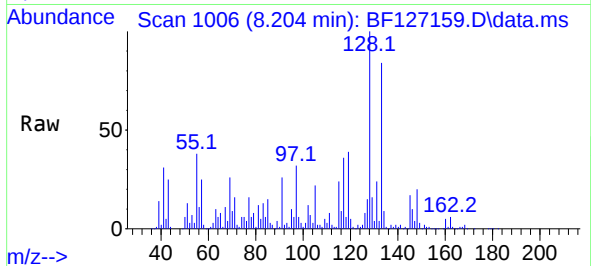




#31
Naphthalene
Concen: 17.062 ng
RT: 8.204 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

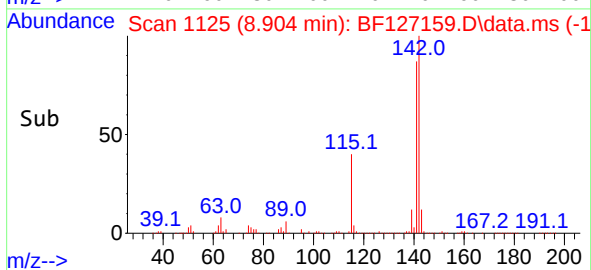
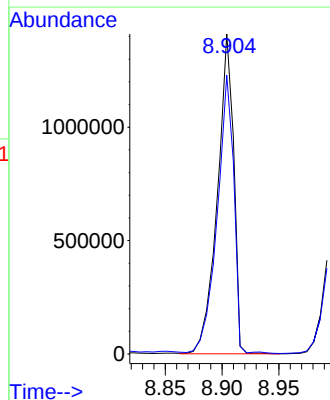
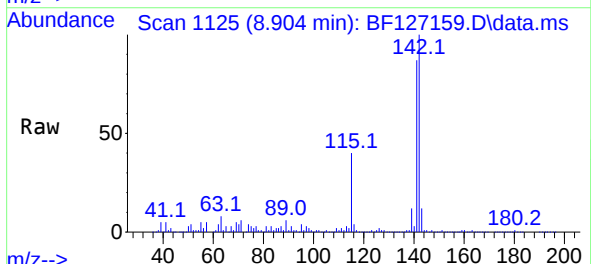
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

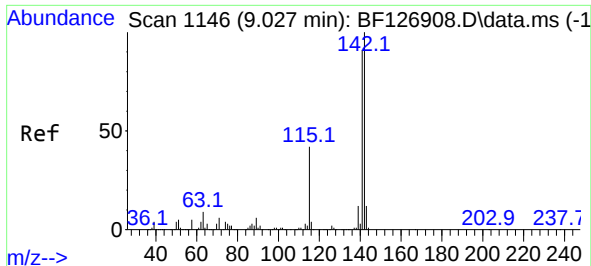
Tgt Ion:128 Resp: 261838
Ion Ratio Lower Upper
128 100
129 16.1 8.6 13.0#
127 15.3 10.3 15.5



#37
2-Methylnaphthalene
Concen: 141.413 ng
RT: 8.904 min Scan# 1125
Delta R.T. 0.012 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:142 Resp: 1408188
Ion Ratio Lower Upper
142 100
141 87.1 68.6 102.8

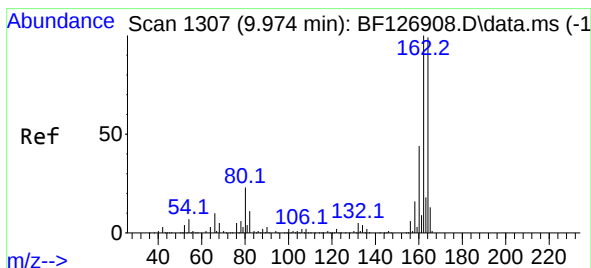
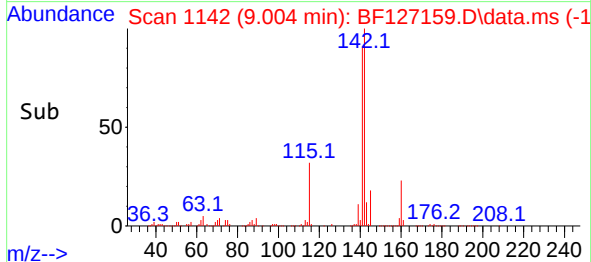
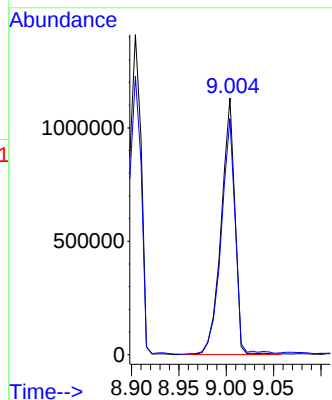
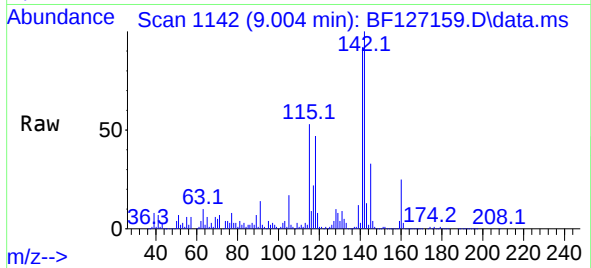




#38
1-Methylnaphthalene
Concen: 119.754 ng
RT: 9.004 min Scan# 1146
Delta R.T. 0.012 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

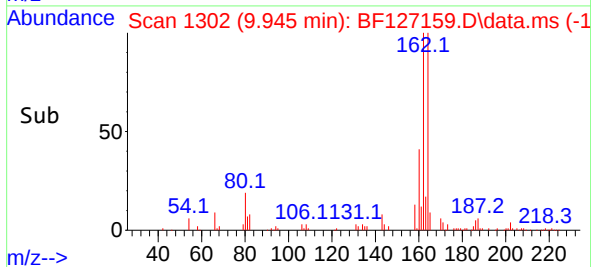
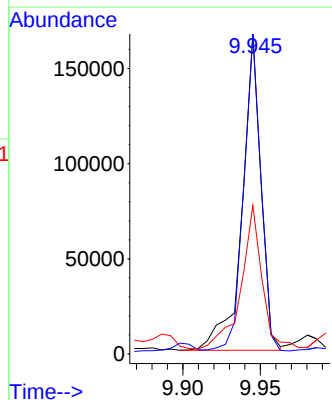
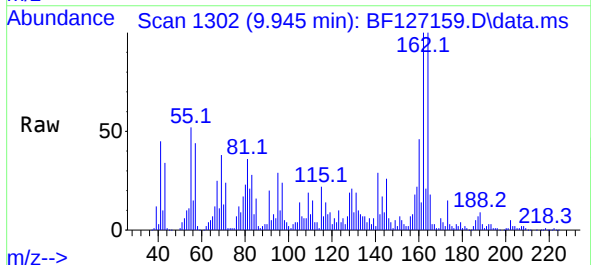
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

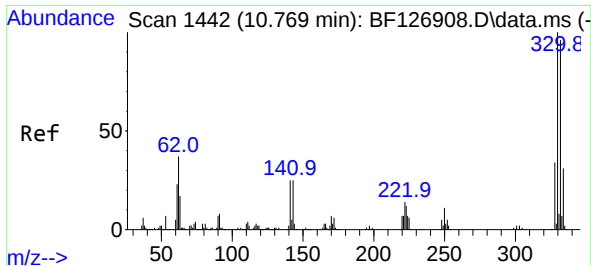
Tgt Ion:142 Resp: 1141947
Ion Ratio Lower Upper
142 100
141 91.9 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:164 Resp: 140047
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 46.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 65.044 ng

RT: 10.739 min Scan# 1442

Delta R.T. 0.012 min

Lab File: BF127159.D

Acq: 02 Mar 2022 21:02

Instrument :

BNA_F

ClientSampleId :

PPSP-B12-22.5-23.0

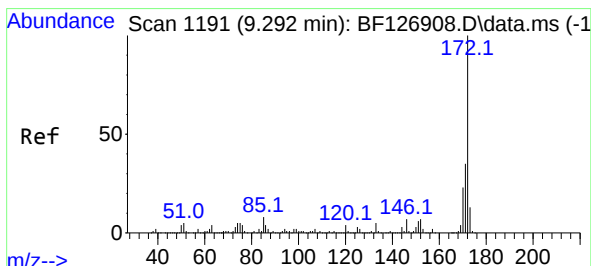
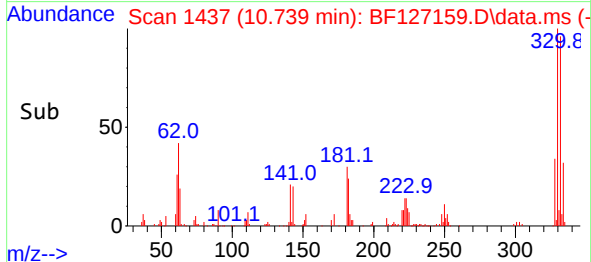
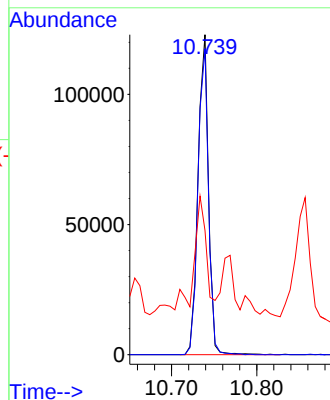
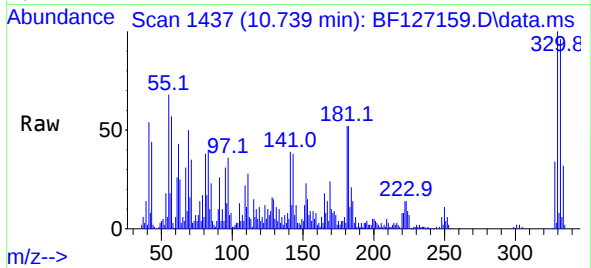
Tgt Ion:330 Resp: 104881

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 49.4 30.1 45.1#



#45

2-Fluorobiphenyl

Concen: 55.370 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.006 min

Lab File: BF127159.D

Acq: 02 Mar 2022 21:02

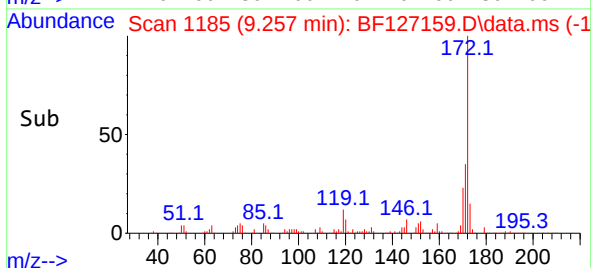
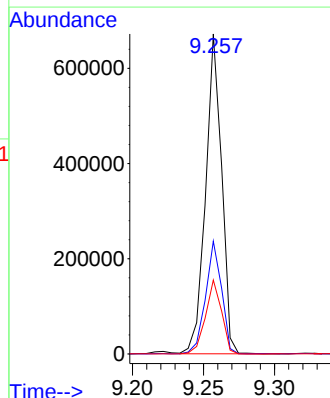
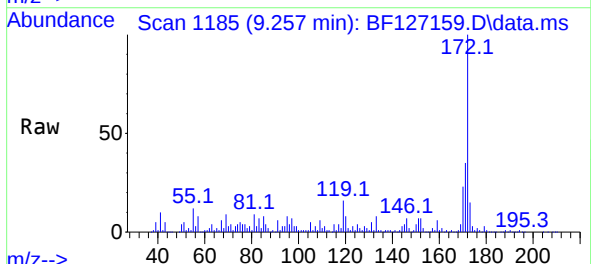
Tgt Ion:172 Resp: 526739

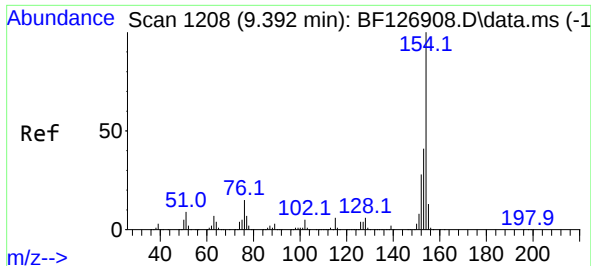
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 19.0 28.6

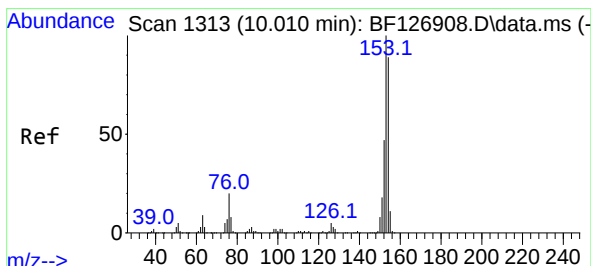
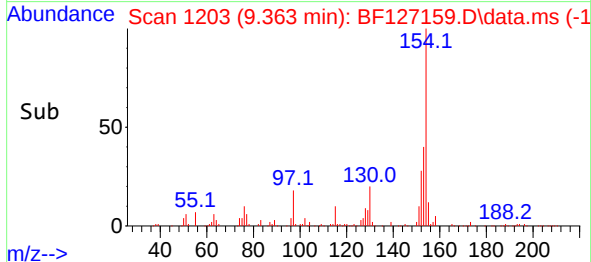
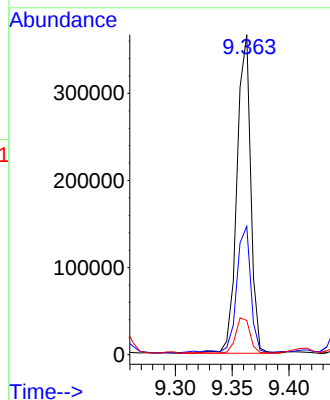
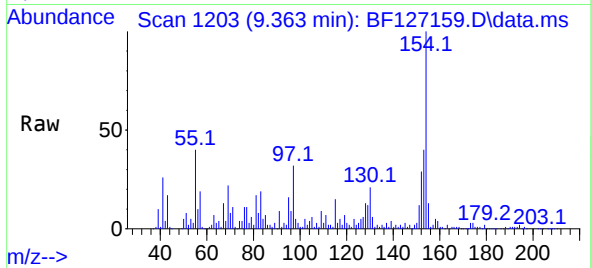




#46
1,1'-Biphenyl
Concen: 27.707 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

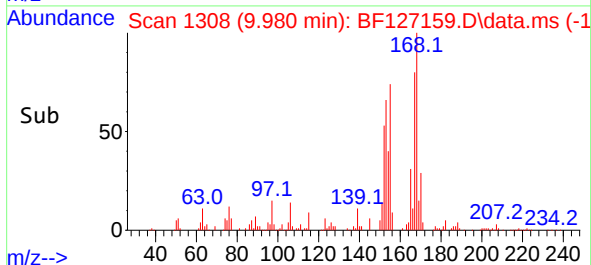
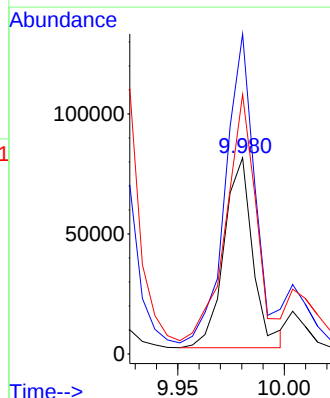
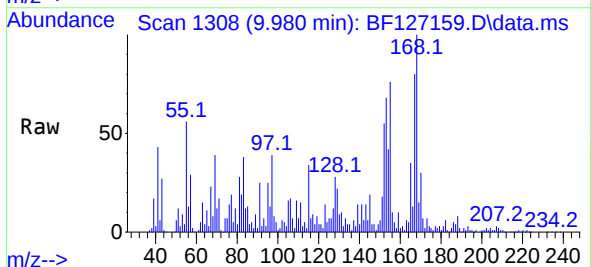
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

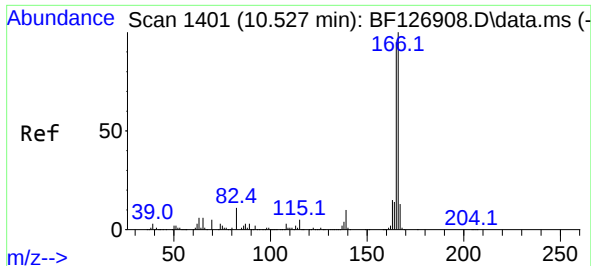
Tgt Ion:154 Resp: 307426
Ion Ratio Lower Upper
154 100
153 40.1 19.0 59.0
76 10.7 0.0 34.5



#52
Acenaphthene
Concen: 8.617 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.012 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:154 Resp: 74900
Ion Ratio Lower Upper
154 100
153 163.1 87.8 131.6#
152 132.3 39.4 59.2#

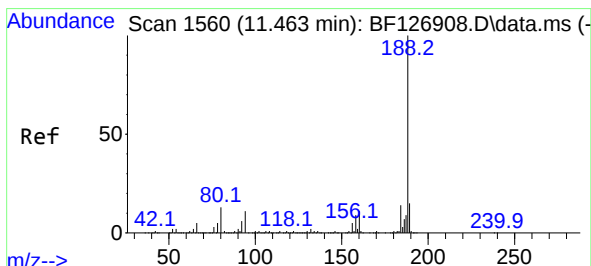
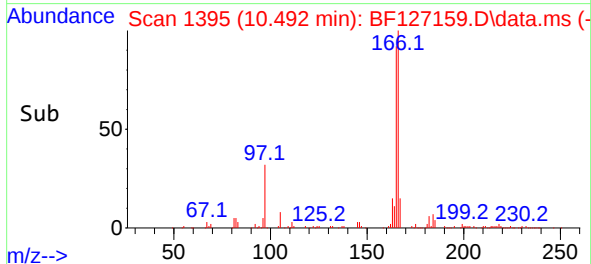
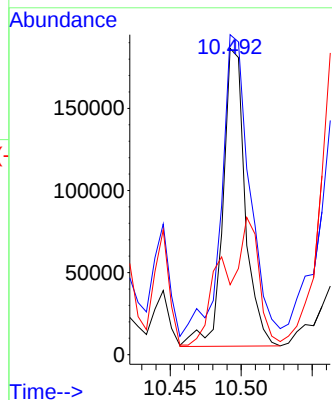
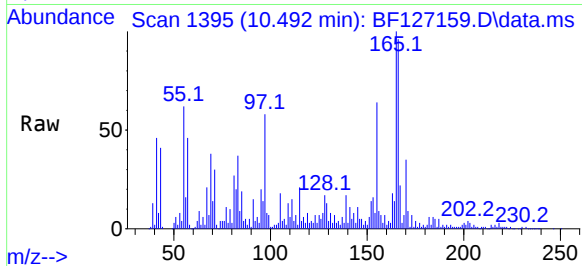




#58
Fluorene
Concen: 21.246 ng
RT: 10.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

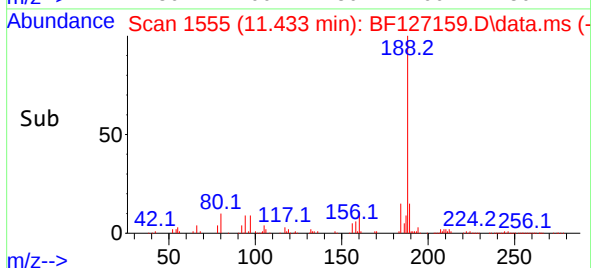
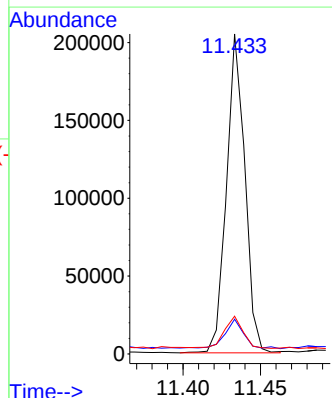
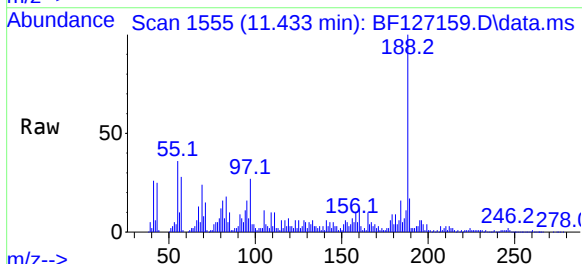
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

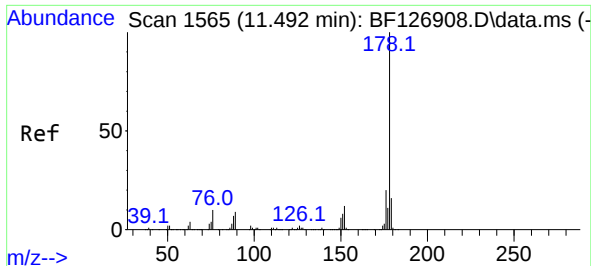
Tgt Ion:166 Resp: 197808
Ion Ratio Lower Upper
166 100
165 104.5 77.7 116.5
167 22.8 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:188 Resp: 169214
Ion Ratio Lower Upper
188 100
94 10.9 10.1 15.1
80 11.8 11.8 17.6

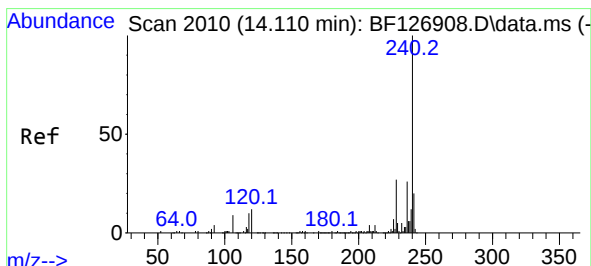
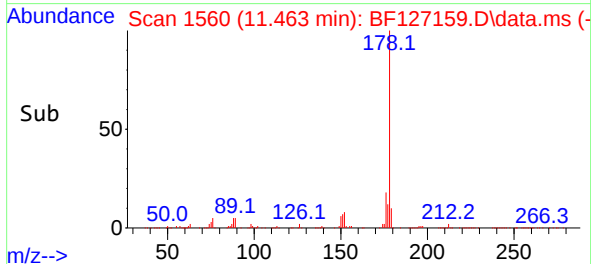
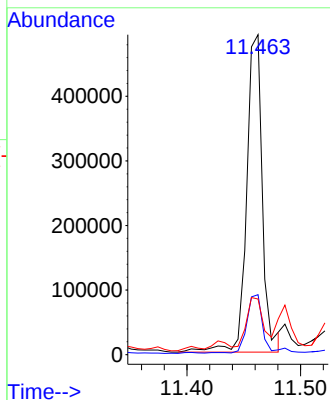
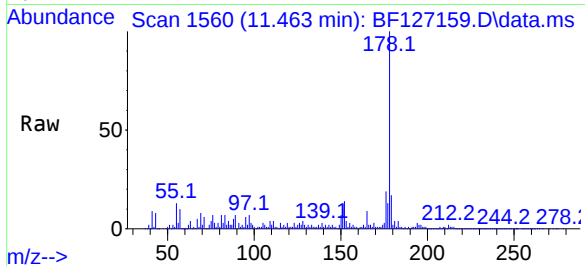




#71
Phenanthrene
Concen: 50.264 ng
RT: 11.463 min Scan# 11463
Delta R.T. 0.012 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

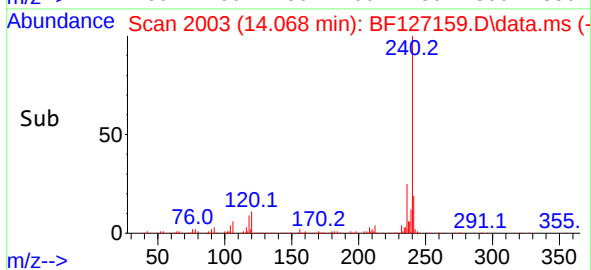
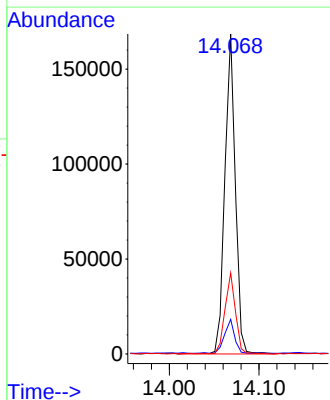
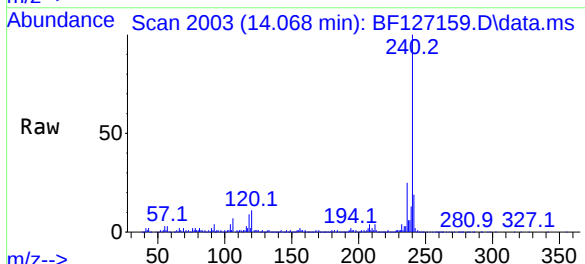
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

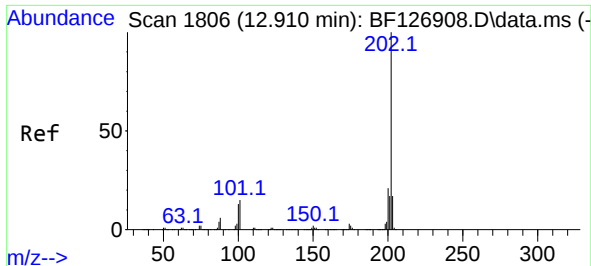
Tgt Ion:178 Resp: 476059
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 17.4 12.3 18.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:240 Resp: 137219
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.3 20.5 30.7

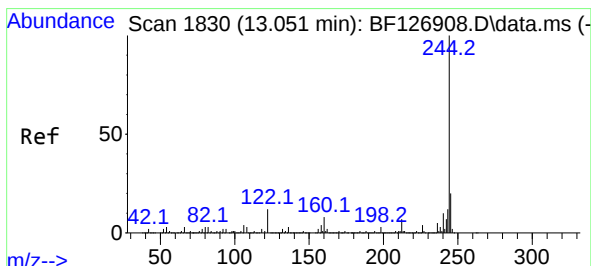
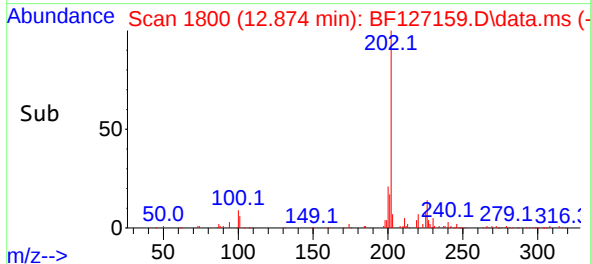
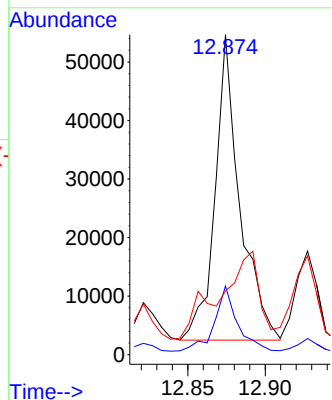
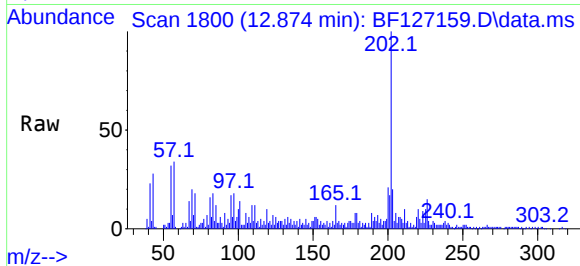




#78
Pyrene
Concen: 4.873 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

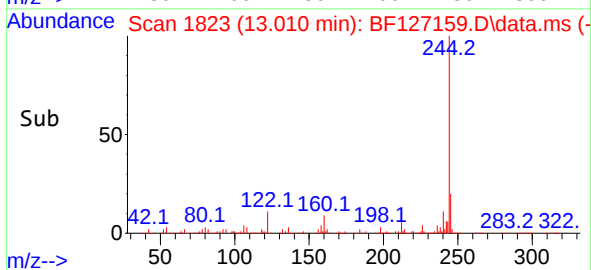
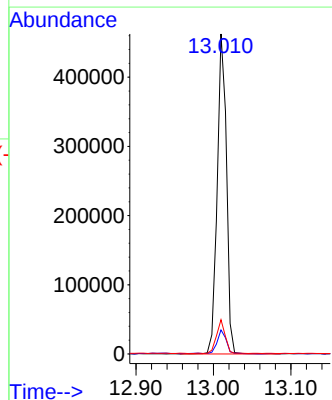
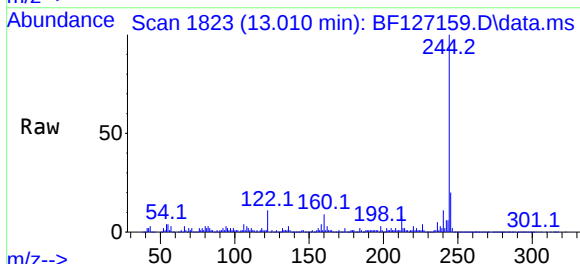
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-22.5-23.0

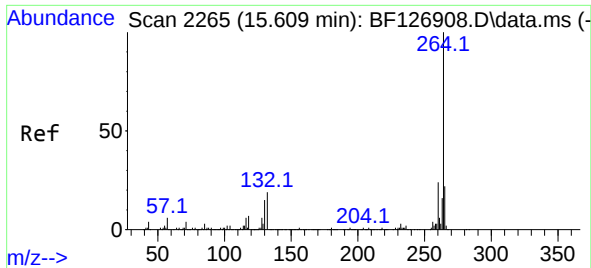
Tgt Ion:202 Resp: 58088
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 19.9 13.8 20.8



#79
Terphenyl-d14
Concen: 41.120 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127159.D
Acq: 02 Mar 2022 21:02

Tgt Ion:244 Resp: 383830
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 10.7 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: BF127159.D
 Acq: 02 Mar 2022 21:02

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

Tgt Ion:264 Resp: 152673
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.4 17.4 26.2

