

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127193.D
 Acq On : 04 Mar 2022 01:36
 Operator : CG\JU
 Sample : N1708-17DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-17.5-18.0DL

Quant Time: Mar 04 02:16:12 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)

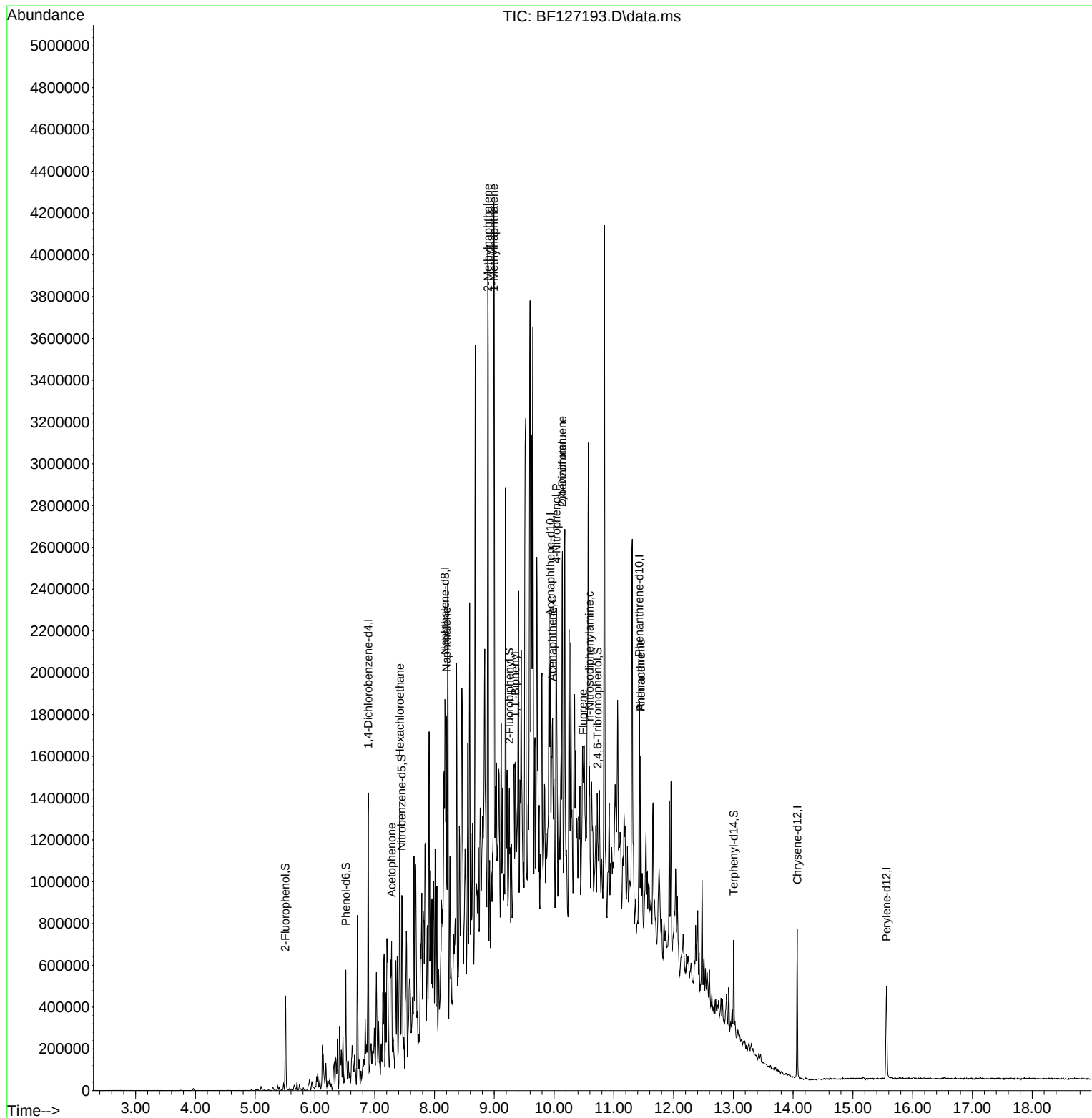
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	121787	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	459564	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	218621	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	315065	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	218130	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	192681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	113432	14.395	ng	0.00
7) Phenol-d6	6.516	99	150239	14.130	ng	0.00
23) Nitrobenzene-d5	7.451	82	108076	10.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	29489	11.715	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	161729	10.891	ng	0.00
79) Terphenyl-d14	13.004	244	132219	8.911	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.422	117	58743	16.575	ng	# 1
22) Acetophenone	7.281	105	104645	8.648	ng	# 56
31) Naphthalene	8.198	128	320784	13.372	ng	96
37) 2-Methylnaphthalene	8.892	142	956141	61.422	ng	97
38) 1-Methylnaphthalene	8.992	142	554243	37.181	ng	99
46) 1,1'-Biphenyl	9.351	154	159714	9.221	ng	98
52) Acenaphthene	9.969	154	36507	2.690	ng	# 40
55) Dibenzofuran	10.139	168	46079	2.470	ng	# 1
56) 4-Nitrophenol	10.039	139	37724	13.143	ng	# 48
57) 2,4-Dinitrotoluene	10.139	165	14265	3.318	ng	# 54
58) Fluorene	10.486	166	102821	7.075	ng	# 89
66) n-Nitrosodiphenylamine	10.592	169	108676	10.519	ng	# 45
71) Phenanthrene	11.451	178	253719	14.387	ng	96
72) Anthracene	11.451	178	253719	14.452	ng	98

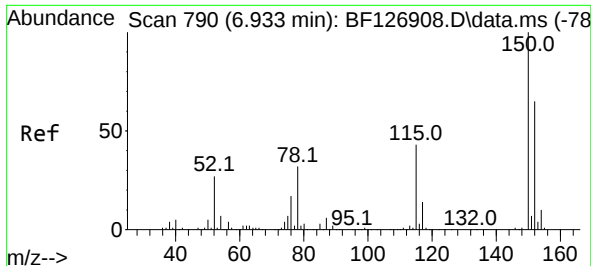
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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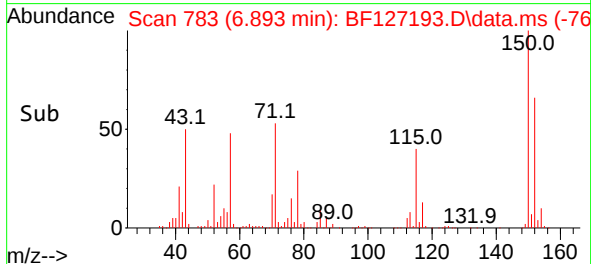
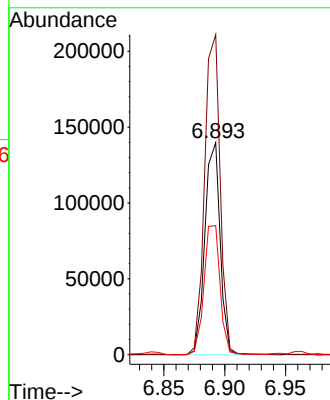
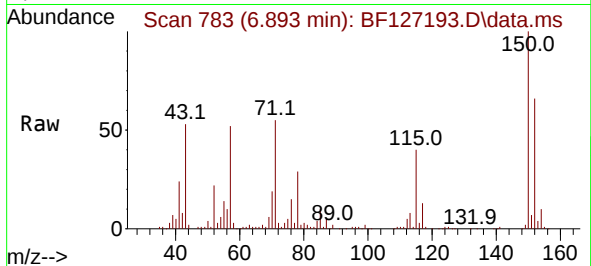




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

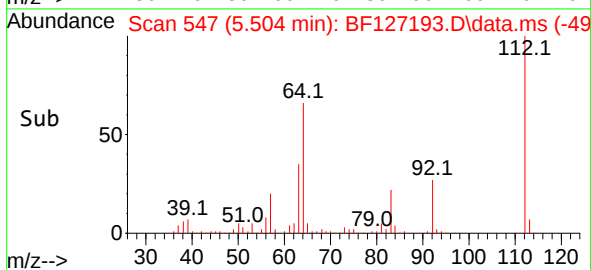
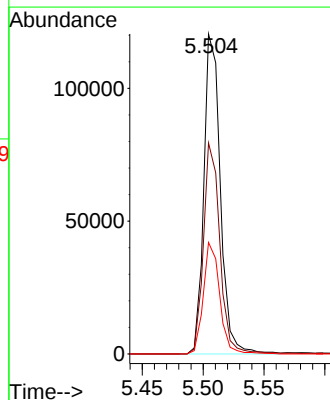
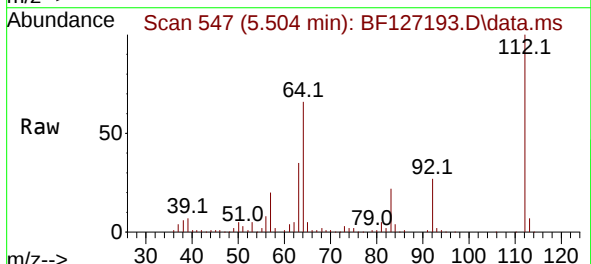
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL

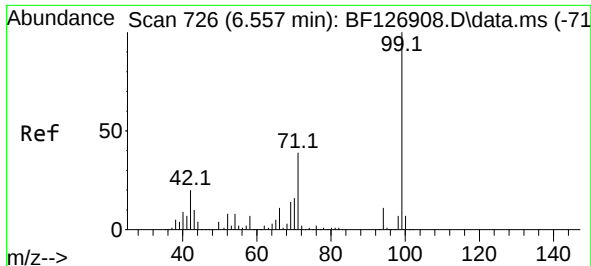
Tgt Ion:152 Resp: 121787
Ion Ratio Lower Upper
152 100
150 151.0 128.1 192.1
115 60.9 56.7 85.1



#5
2-Fluorophenol
Concen: 14.395 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:112 Resp: 113432
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 34.8 23.9 35.9





#7

Phenol-d6

Concen: 14.130 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127193.D

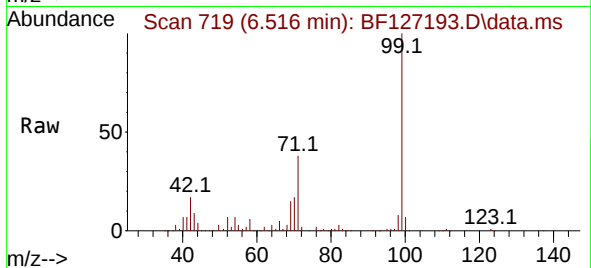
Acq: 04 Mar 2022 01:36

Instrument :

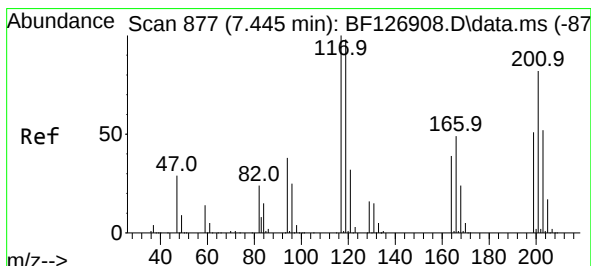
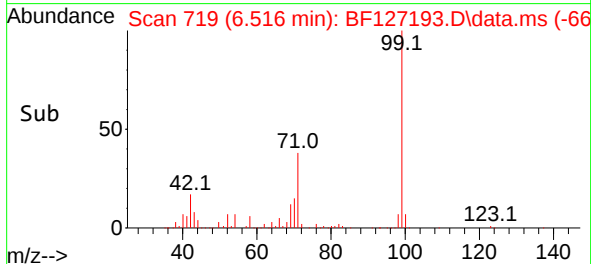
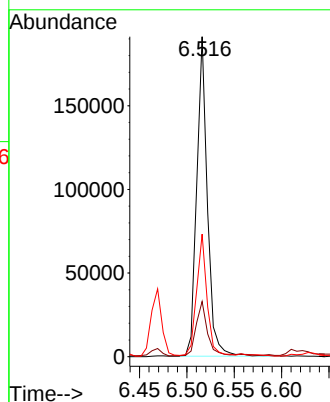
BNA_F

ClientSampleId :

PPSP-B10-17.5-18.0DL



Tgt Ion:	99	Resp:	150239
Ion Ratio	100	Lower	Upper
42	17.2	14.2	21.4
71	38.3	24.3	36.5



#18

Hexachloroethane

Concen: 16.575 ng

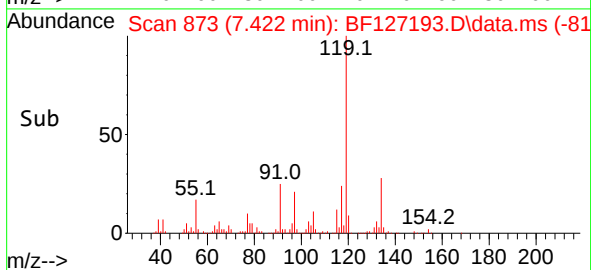
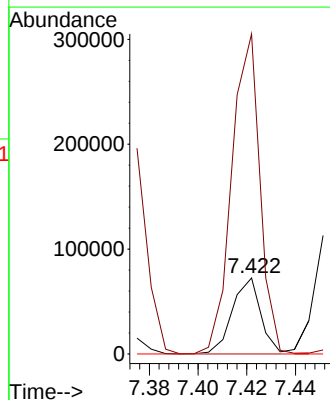
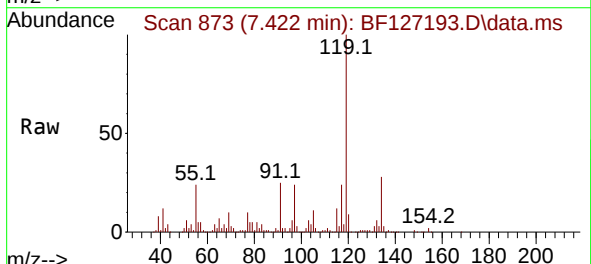
RT: 7.422 min Scan# 873

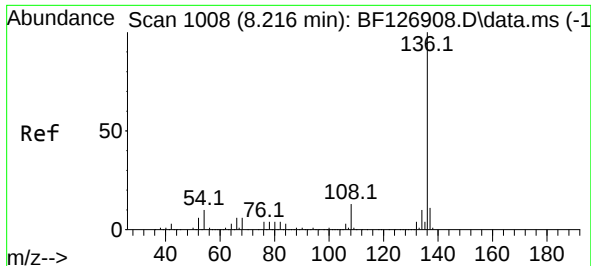
Delta R.T. 0.018 min

Lab File: BF127193.D

Acq: 04 Mar 2022 01:36

Tgt Ion:	117	Resp:	58743
Ion Ratio	100	Lower	Upper
119	421.3	75.4	113.0
201	0.0	56.8	85.2

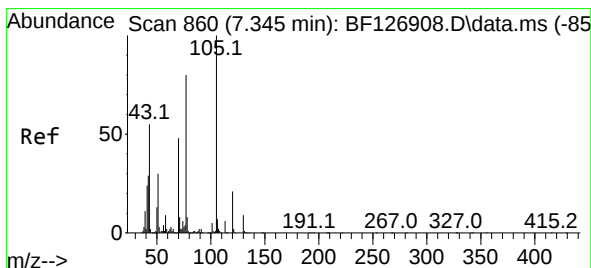
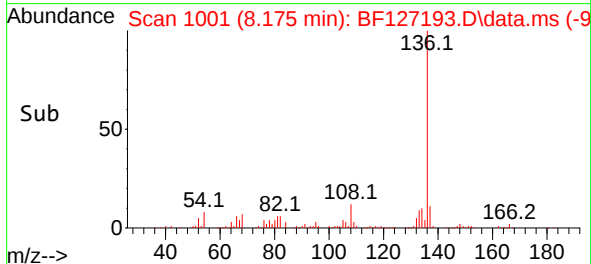
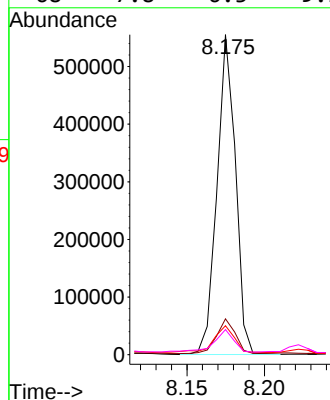
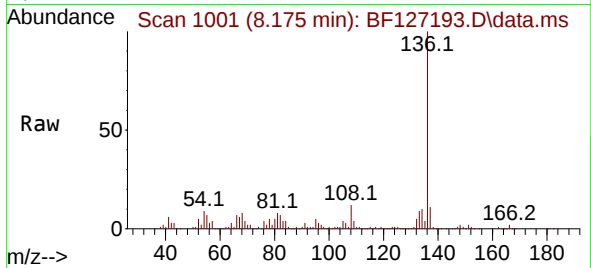




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

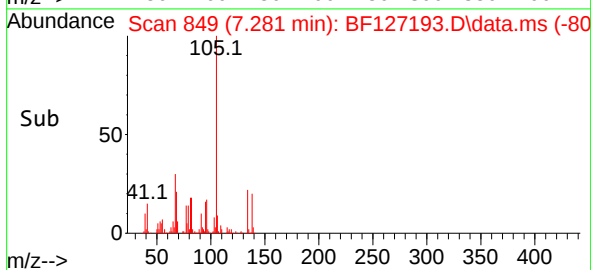
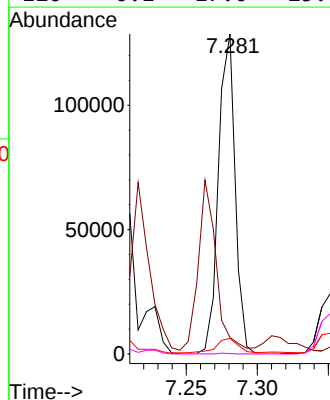
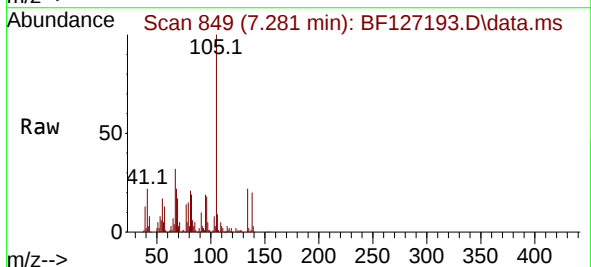
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL

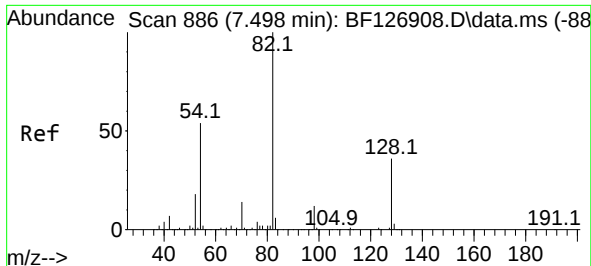
Tgt Ion:136 Resp: 459564
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.8 11.6
68 7.8 6.3 9.5



#22
Acetophenone
Concen: 8.648 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.023 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:105 Resp: 104645
Ion Ratio Lower Upper
105 100
71 5.1 5.4 8.0#
51 4.9 27.4 41.0#
120 0.1 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 10.615 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127193.D

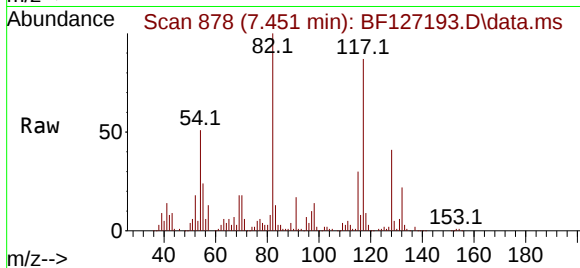
Acq: 04 Mar 2022 01:36

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-17.5-18.0DL



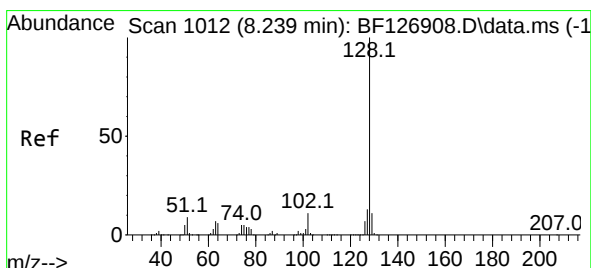
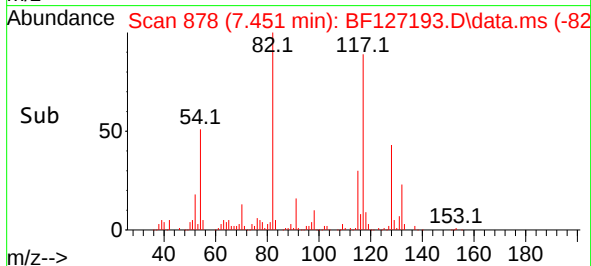
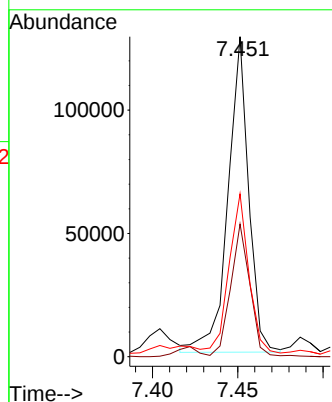
Tgt Ion: 82 Resp: 108076

Ion Ratio Lower Upper

82 100

128 41.4 32.7 49.1

54 50.9 41.7 62.5



#31

Naphthalene

Concen: 13.372 ng

RT: 8.198 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF127193.D

Acq: 04 Mar 2022 01:36

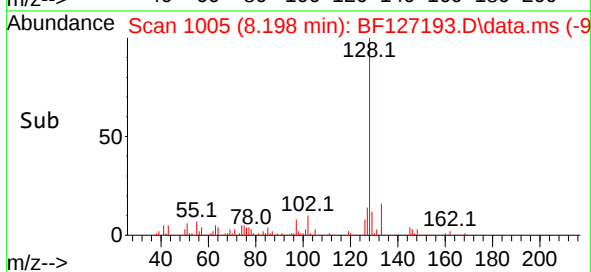
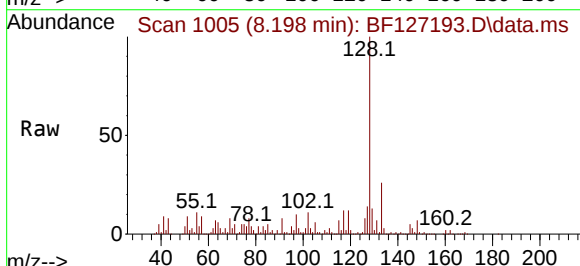
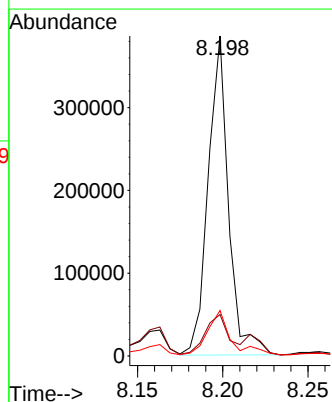
Tgt Ion: 128 Resp: 320784

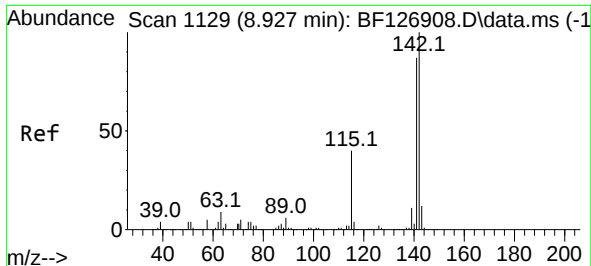
Ion Ratio Lower Upper

128 100

129 12.9 8.6 13.0

127 14.2 10.3 15.5





#37

2-Methylnaphthalene

Concen: 61.422 ng

RT: 8.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127193.D

Acq: 04 Mar 2022 01:36

Instrument :

BNA_F

ClientSampleId :

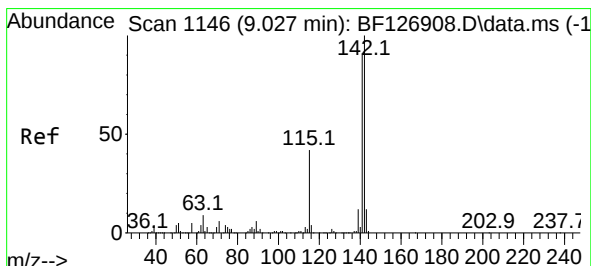
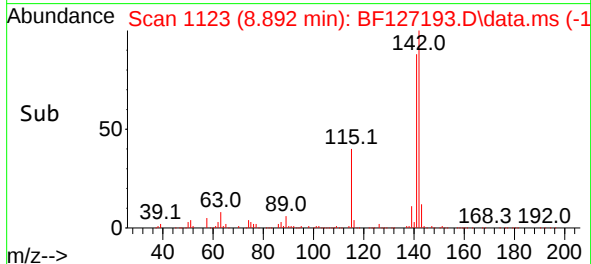
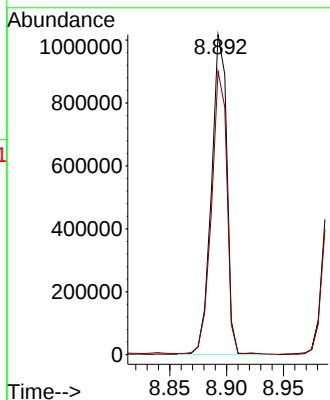
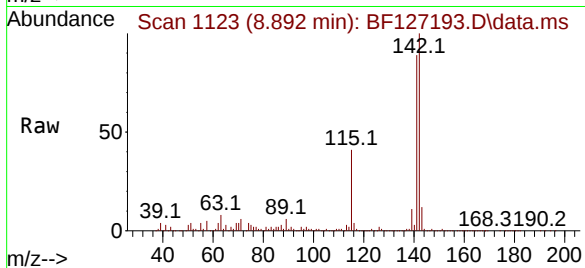
PPSP-B10-17.5-18.0DL

Tgt Ion:142 Resp: 956141

Ion Ratio Lower Upper

142 100

141 88.5 68.6 102.8



#38

1-Methylnaphthalene

Concen: 37.181 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF127193.D

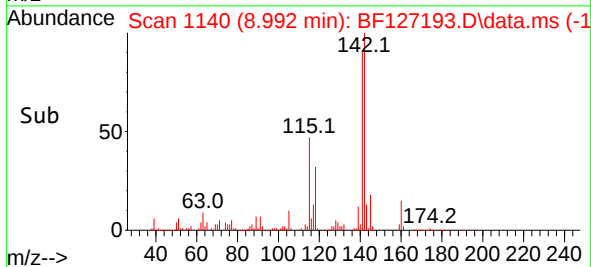
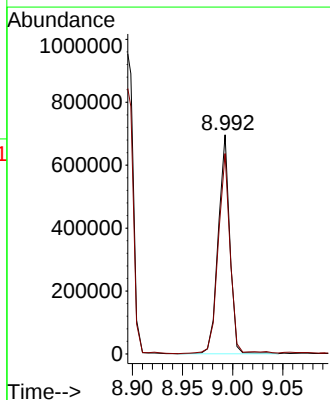
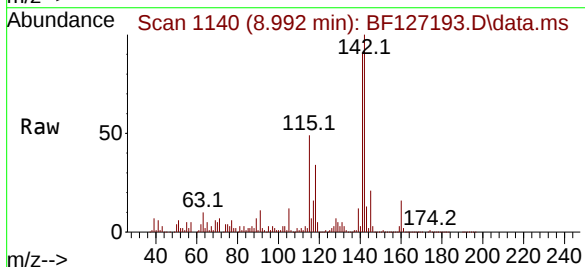
Acq: 04 Mar 2022 01:36

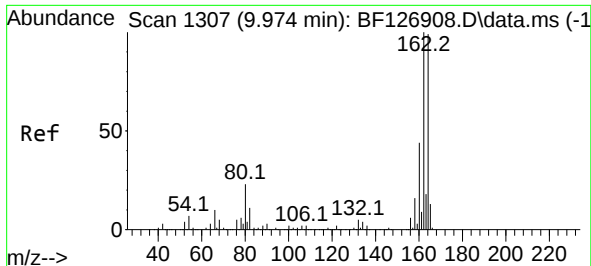
Tgt Ion:142 Resp: 554243

Ion Ratio Lower Upper

142 100

141 91.5 72.1 108.1

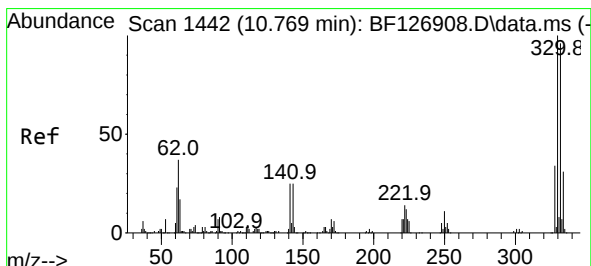
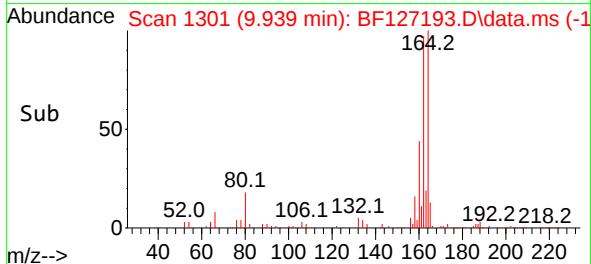
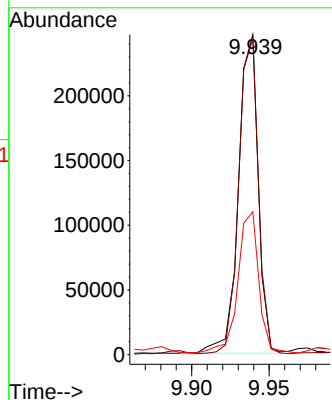
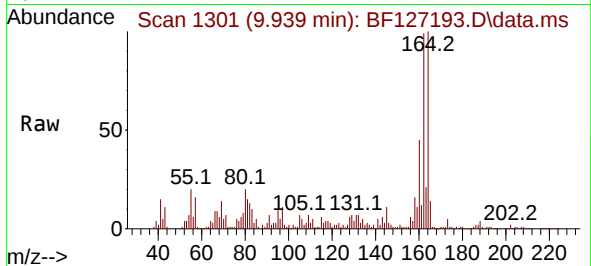




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

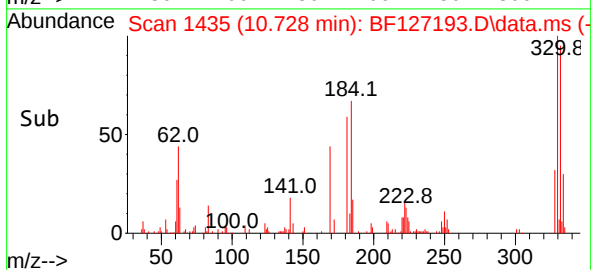
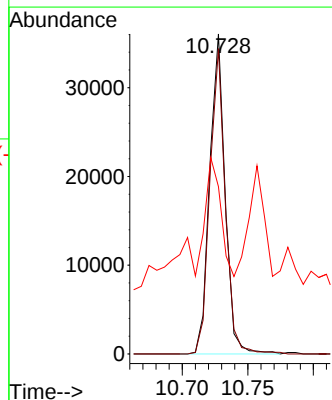
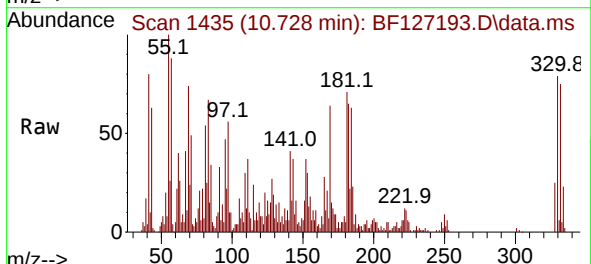
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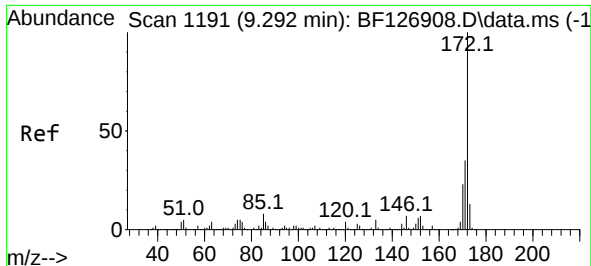
Tgt Ion:164 Resp: 218621
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 44.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 11.715 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:330 Resp: 29489
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 72.8 30.1 45.1#





#45

2-Fluorobiphenyl

Concen: 10.891 ng

RT: 9.251 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127193.D

Acq: 04 Mar 2022 01:36

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-17.5-18.0DL

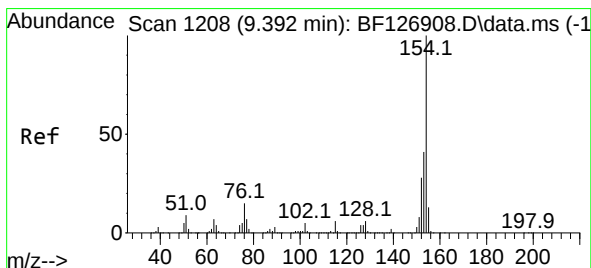
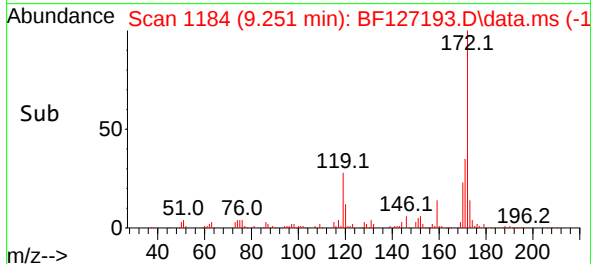
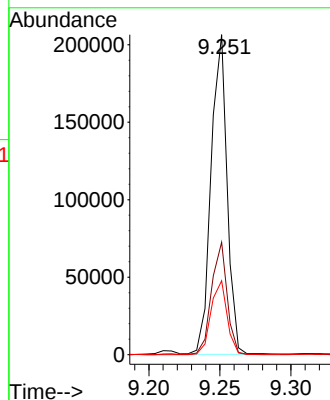
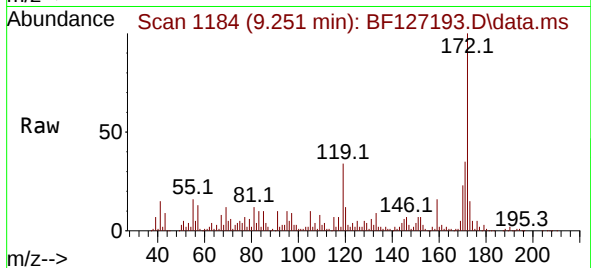
Tgt Ion:172 Resp: 161729

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 9.221 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF127193.D

Acq: 04 Mar 2022 01:36

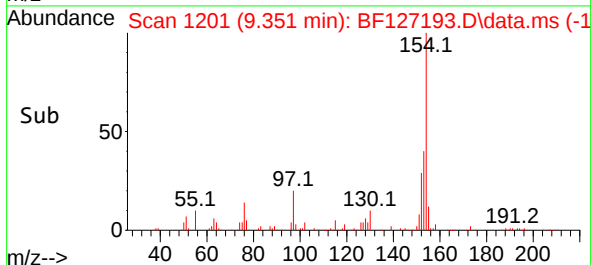
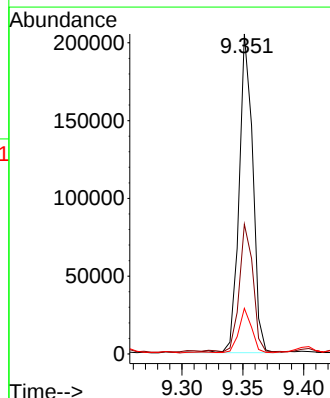
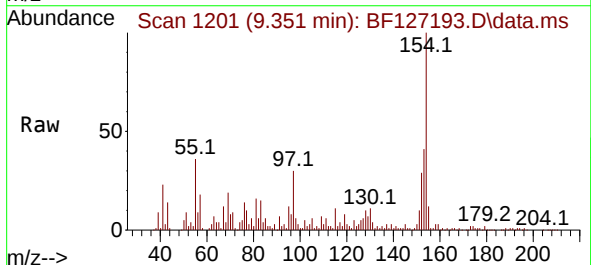
Tgt Ion:154 Resp: 159714

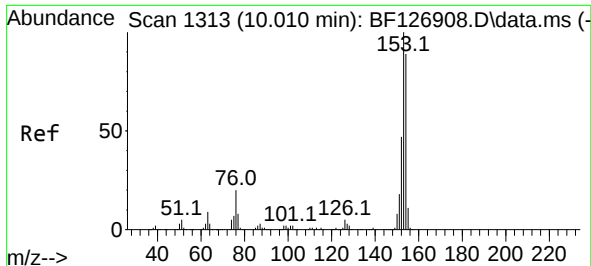
Ion Ratio Lower Upper

154 100

153 40.6 19.0 59.0

76 14.2 0.0 34.5

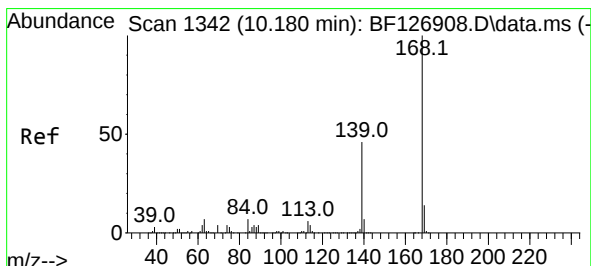
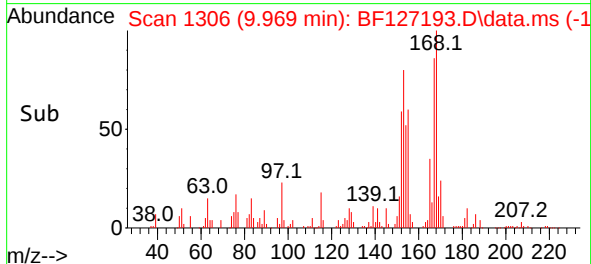
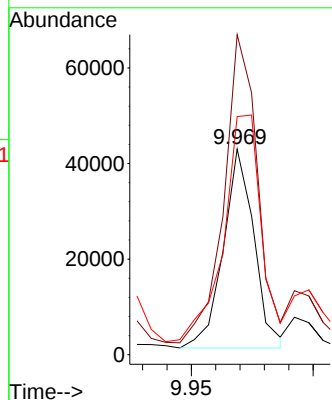
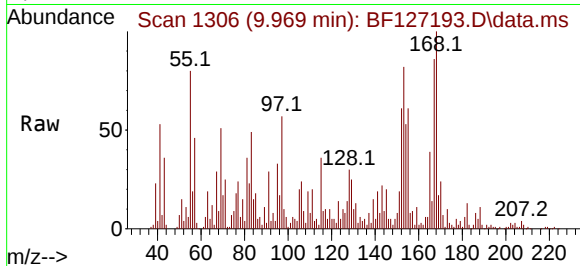




#52
Acenaphthene
Concen: 2.690 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

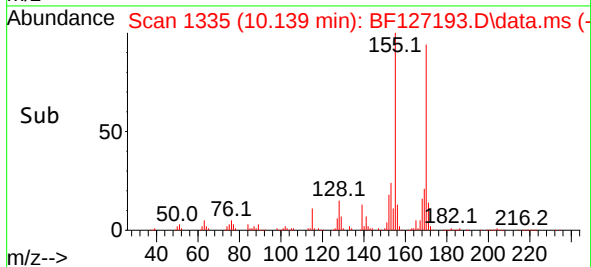
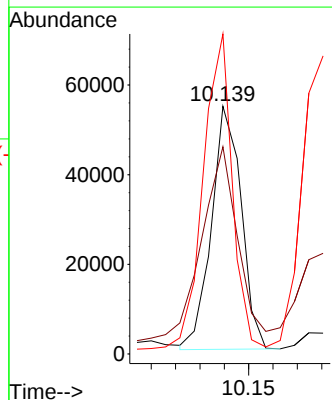
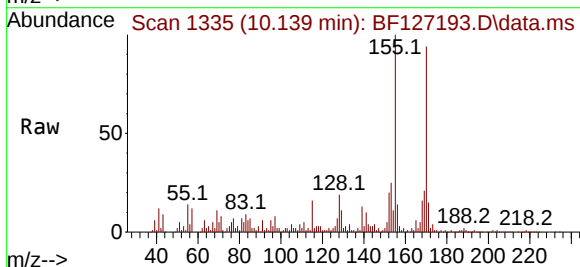
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL

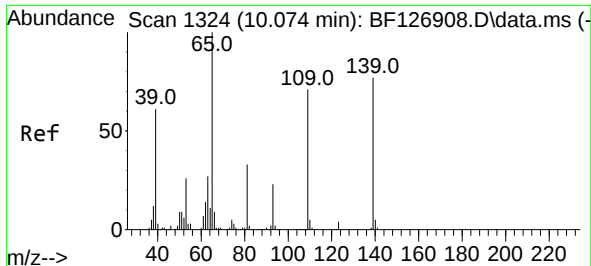
Tgt Ion:154 Resp: 36507
Ion Ratio Lower Upper
154 100
153 155.6 87.8 131.6#
152 115.8 39.4 59.2#



#55
Dibenzofuran
Concen: 2.470 ng
RT: 10.139 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:168 Resp: 46079
Ion Ratio Lower Upper
168 100
139 83.6 30.6 46.0#
169 129.2 10.0 15.0#

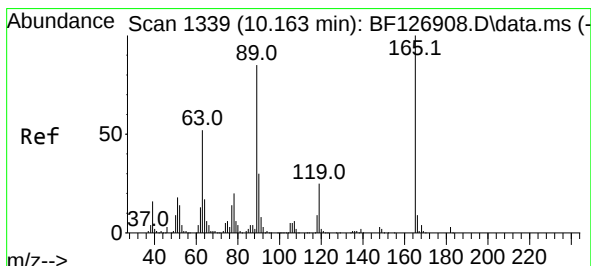
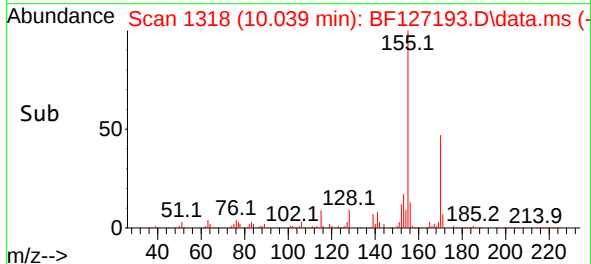
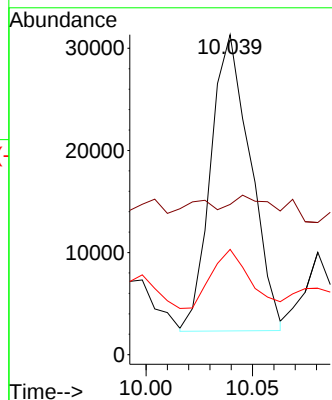
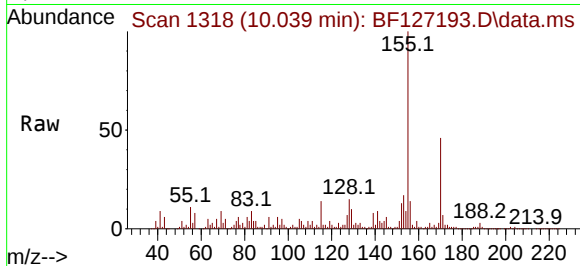




#56
4-Nitrophenol
Concen: 13.143 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

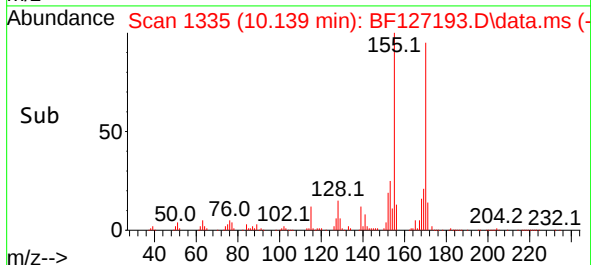
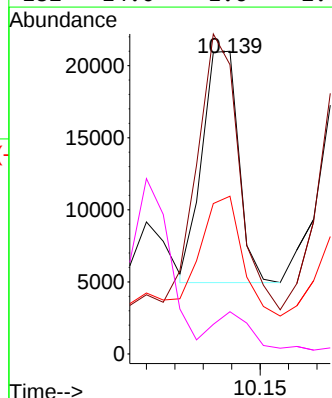
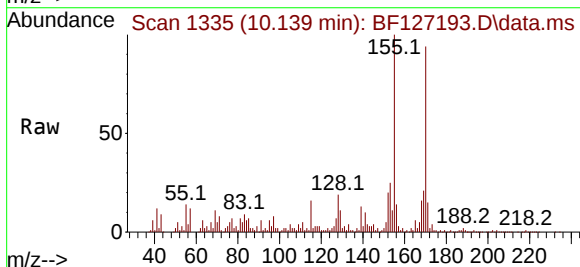
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL

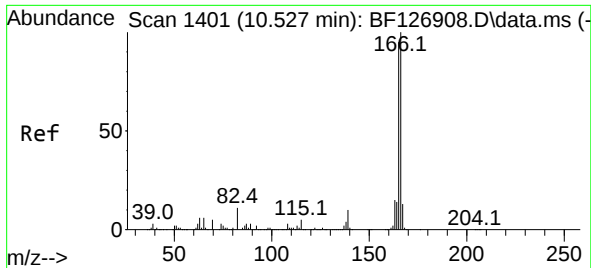
Tgt Ion:139 Resp: 37724
Ion Ratio Lower Upper
139 100
109 47.0 44.1 84.1
65 32.9 85.5 125.5#



#57
2,4-Dinitrotoluene
Concen: 3.318 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:165 Resp: 14265
Ion Ratio Lower Upper
165 100
63 95.5 43.0 64.6#
89 52.1 71.0 106.4#
182 14.0 1.6 2.4#

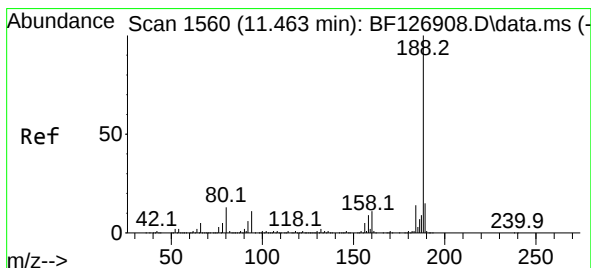
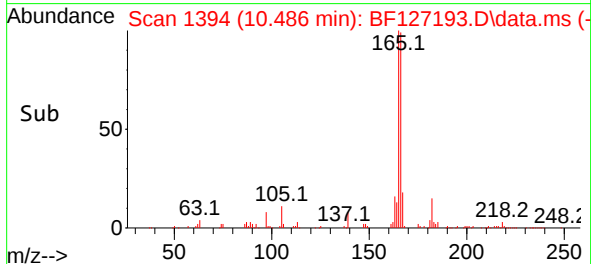
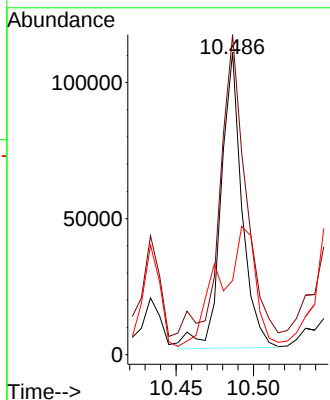
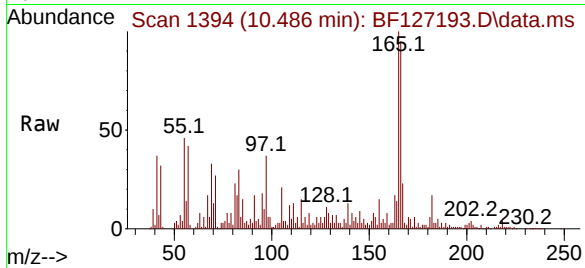




#58
Fluorene
Concen: 7.075 ng
RT: 10.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

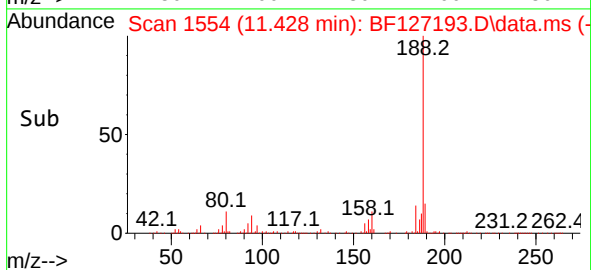
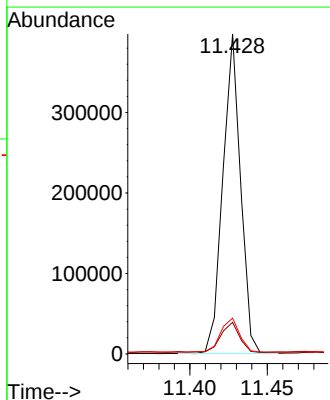
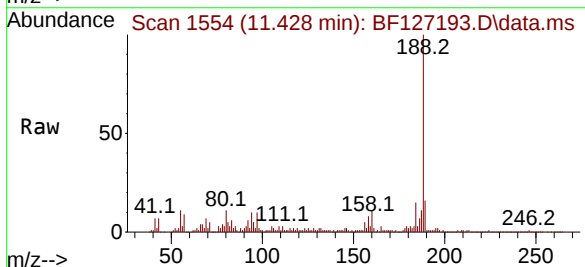
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL

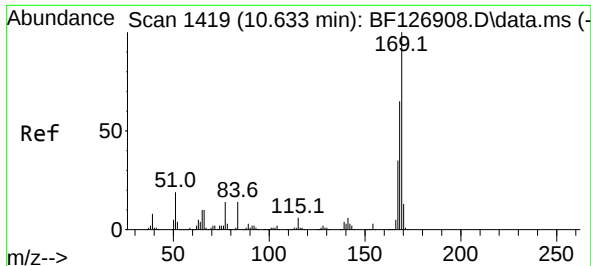
Tgt Ion:166 Resp: 102821
Ion Ratio Lower Upper
166 100
165 105.8 77.7 116.5
167 24.6 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:188 Resp: 315065
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 11.2 11.8 17.6#

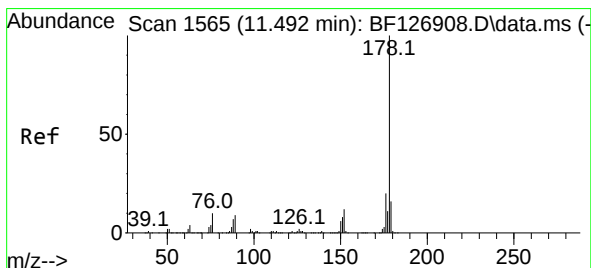
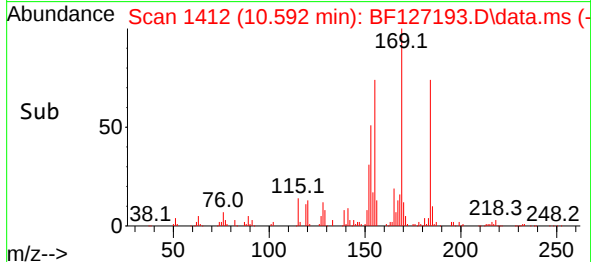
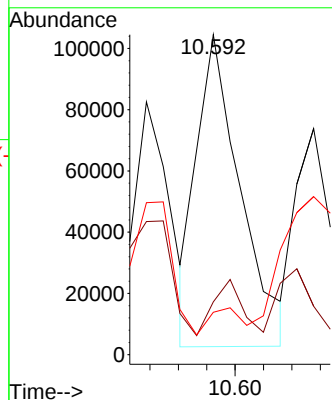
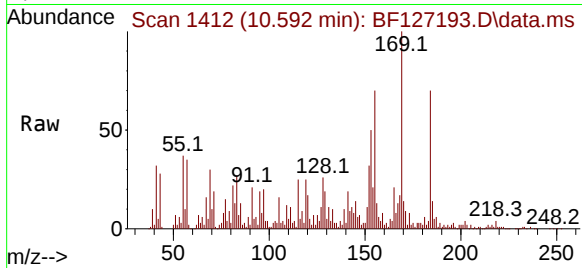




#66
n-Nitrosodiphenylamine
Concen: 10.519 ng
RT: 10.592 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

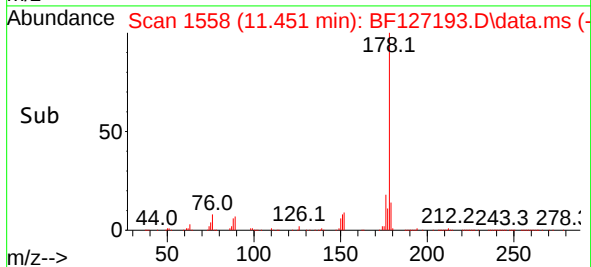
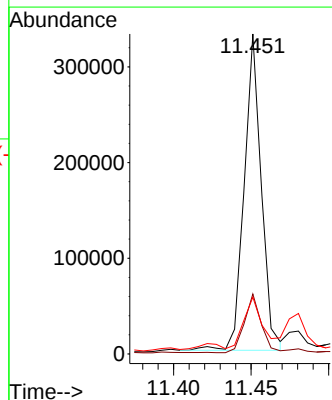
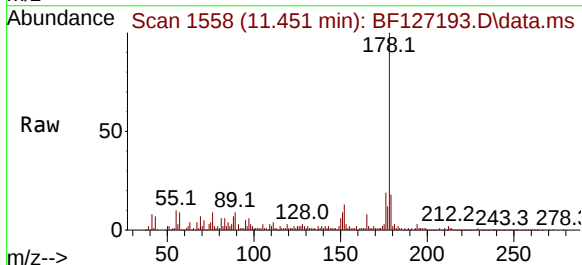
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL

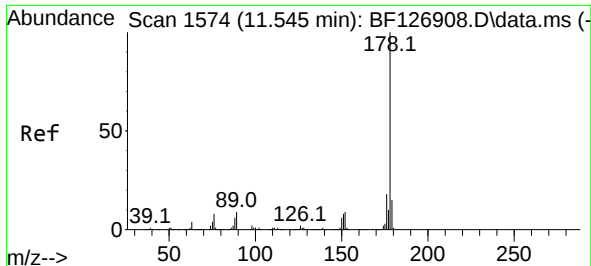
Tgt Ion:169 Resp: 108676
Ion Ratio Lower Upper
169 100
168 16.5 53.4 80.0#
167 13.2 29.4 44.0#



#71
Phenanthrene
Concen: 14.387 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

Tgt Ion:178 Resp: 253719
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 17.8 12.3 18.5

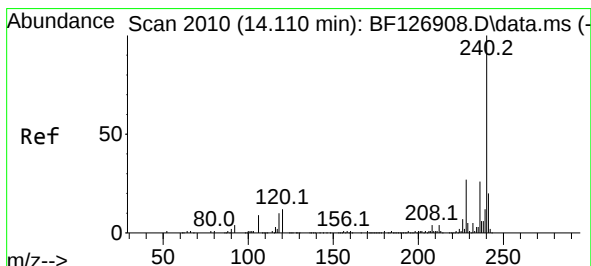
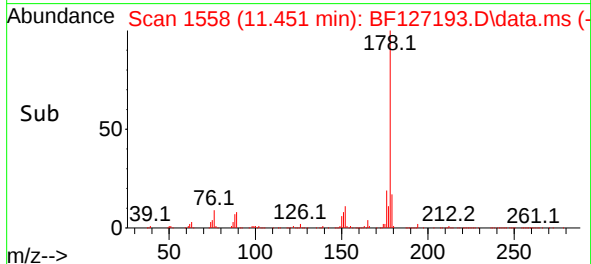
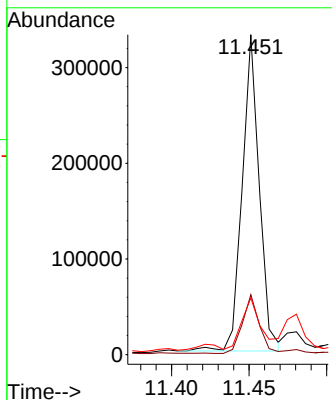
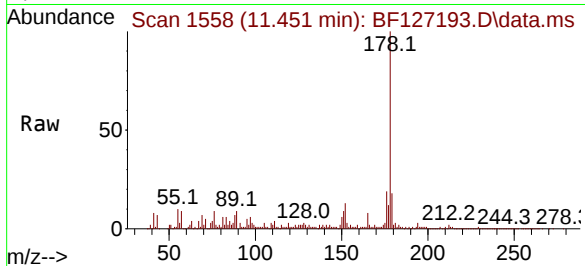




#72
 Anthracene
 Concen: 14.452 ng
 RT: 11.451 min Scan# 1
 Delta R.T. -0.053 min
 Lab File: BF127193.D
 Acq: 04 Mar 2022 01:36

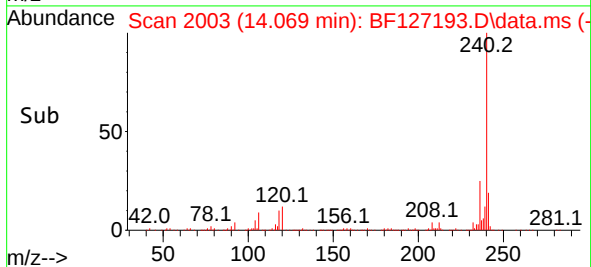
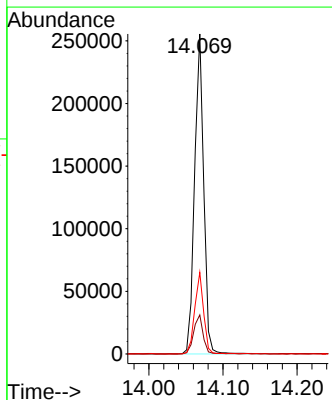
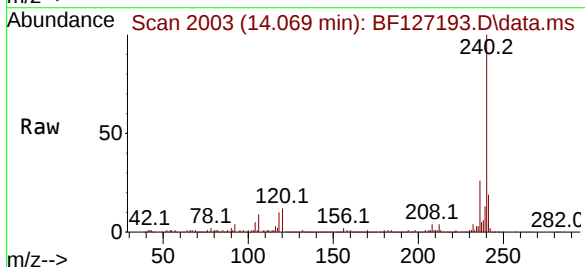
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-17.5-18.0DL

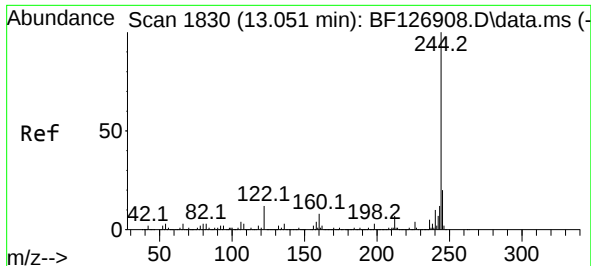
Tgt Ion:178 Resp: 253719
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.6
 179 17.8 12.5 18.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.069 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: BF127193.D
 Acq: 04 Mar 2022 01:36

Tgt Ion:240 Resp: 218130
 Ion Ratio Lower Upper
 240 100
 120 12.2 14.4 21.6#
 236 25.5 20.5 30.7

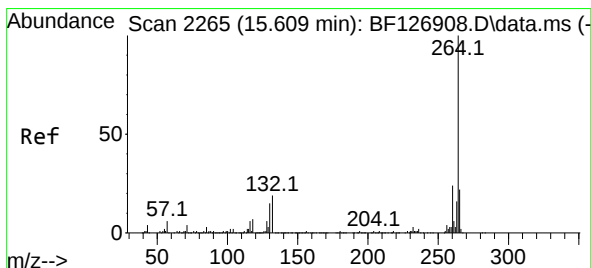
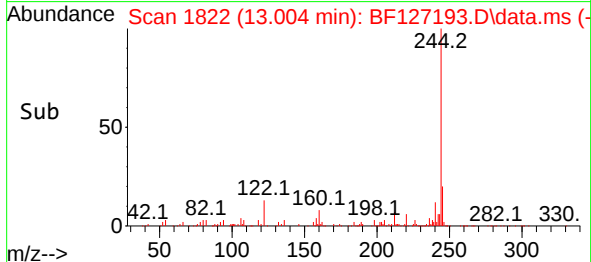
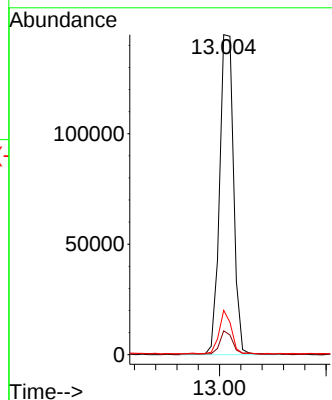
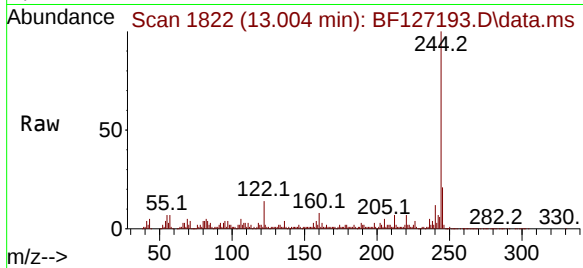




#79
 Terphenyl-d14
 Concen: 8.911 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF127193.D
 Acq: 04 Mar 2022 01:36

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-17.5-18.0DL

Tgt Ion:244 Resp: 132219
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.0 7.4
 122 13.9 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: BF127193.D
 Acq: 04 Mar 2022 01:36

Tgt Ion:264 Resp: 192681
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 19.7 17.4 26.2

