

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/04/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

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
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	44232m	3.260	ng	
58) Fluorene	10.486	166	102821	7.075	ng	# 89
71) Phenanthrene	11.451	178	253719	14.387	ng	96

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

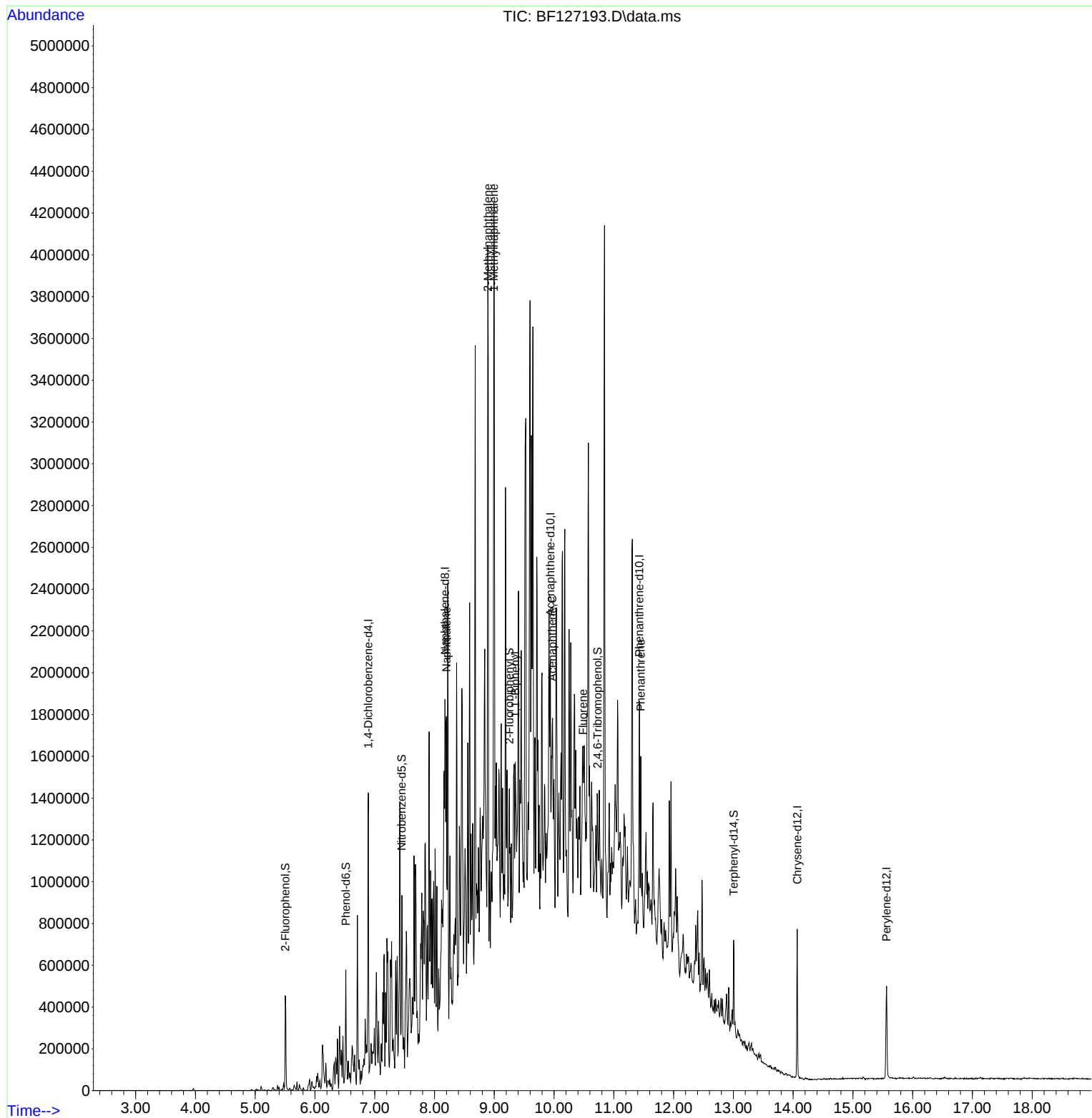
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127193.D
Acq On : 04 Mar 2022 01:36
Operator : CG\JU
Sample : N1708-17DL 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

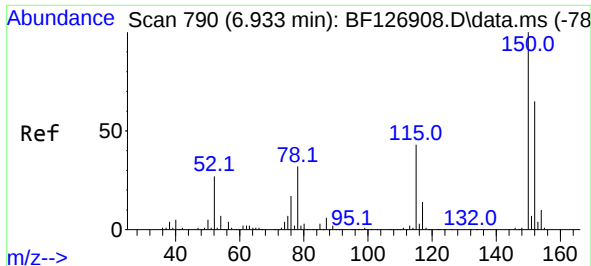
Instrument :
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ClientSampleId :
PPSP-B10-17.5-18.0DL

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
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Response via : Initial Calibration

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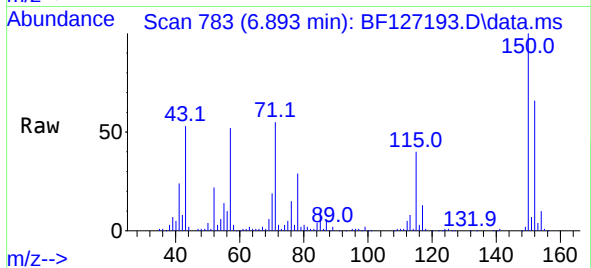
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022





#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

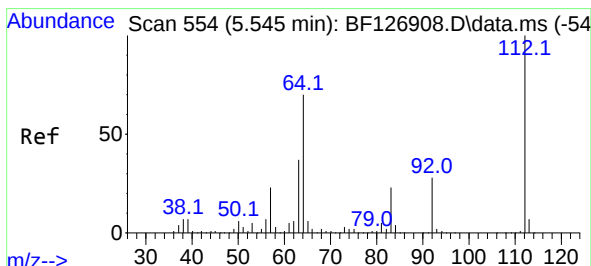
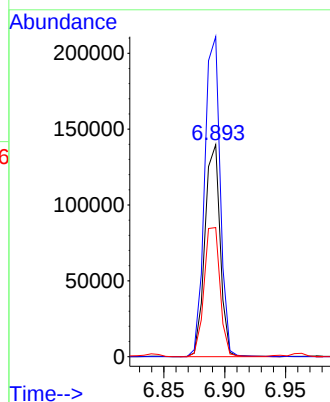
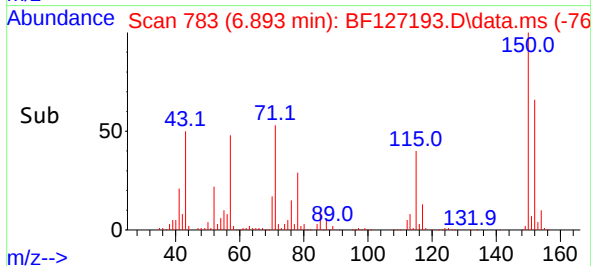
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



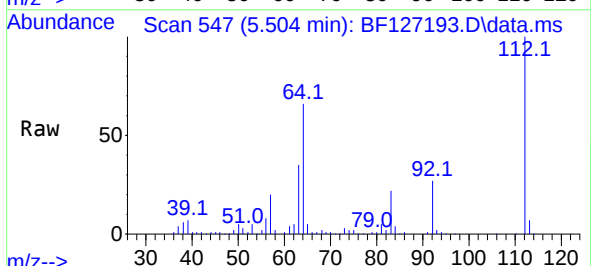
Tgt Ion:152 Resp: 12178
Ion Ratio Lower Upper
152 100
150 151.0 128.1 192.1
115 60.9 56.7 85.1

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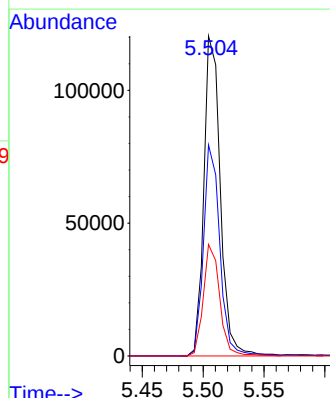
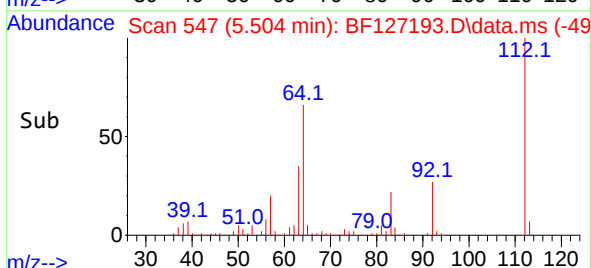
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

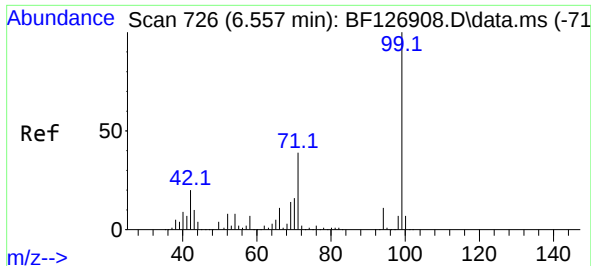


#5
2-Fluorophenol
Concen: 14.395 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36



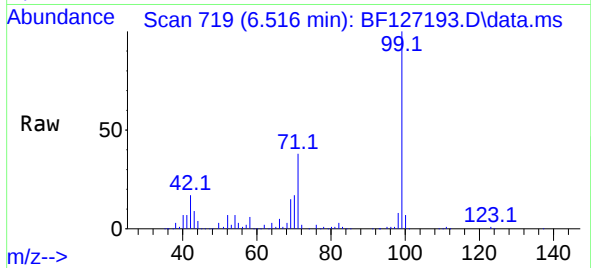
Tgt Ion:112 Resp: 113432
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 34.8 23.9 35.9





#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

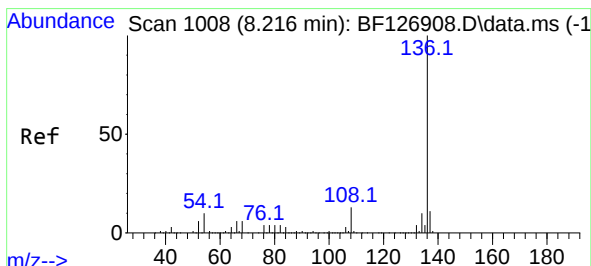
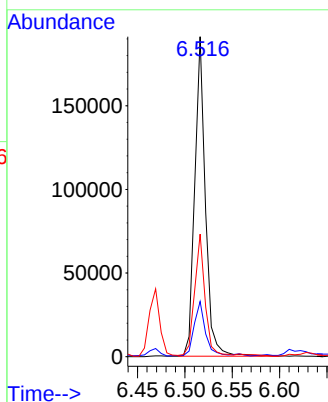
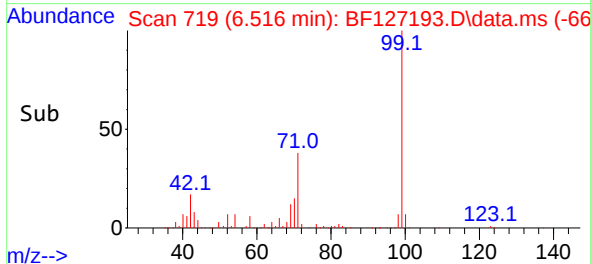
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



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

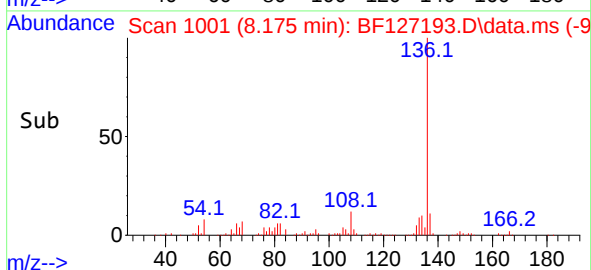
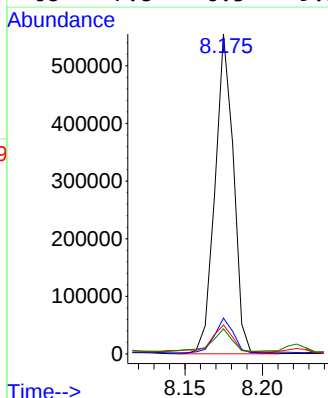
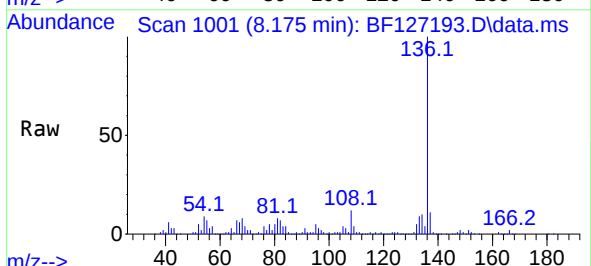
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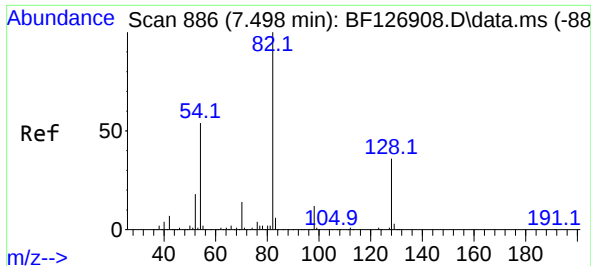
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

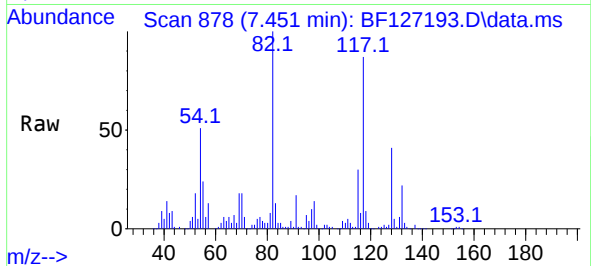
Tgt Ion:136 Resp: 459564
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.1 7.8 11.6
68 7.8 6.3 9.5





#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

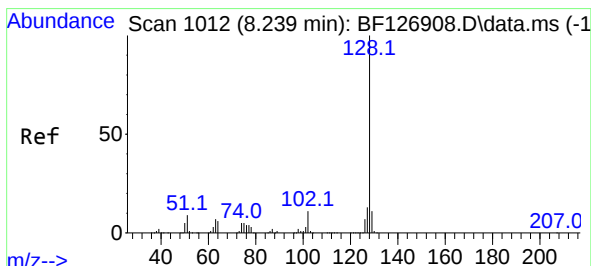
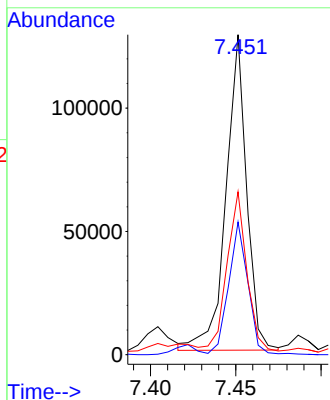
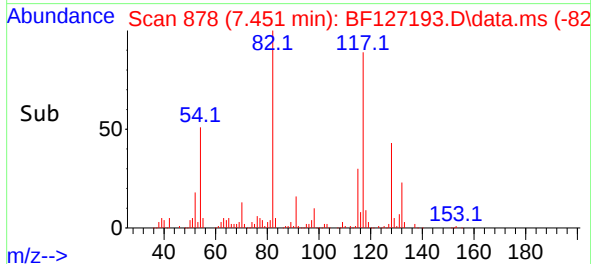
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



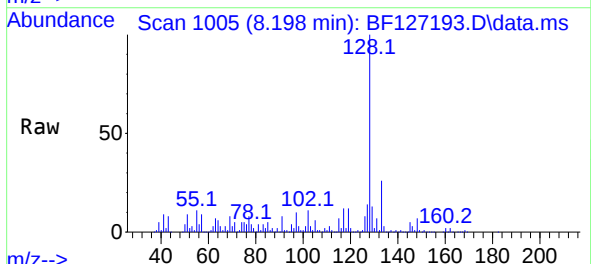
Tgt Ion: 82 Resp: 108070
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 50.9 41.7 62.5

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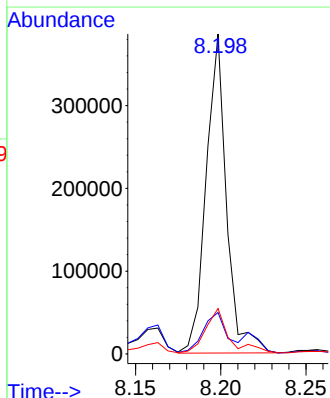
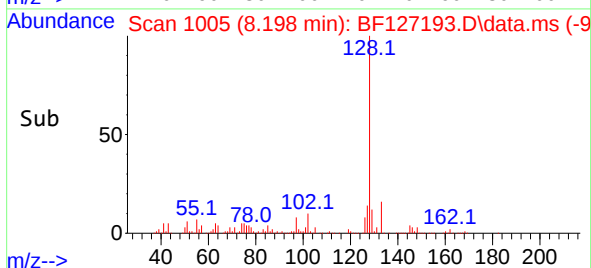
Reviewed By :Christian Giraldo 03/04/2022
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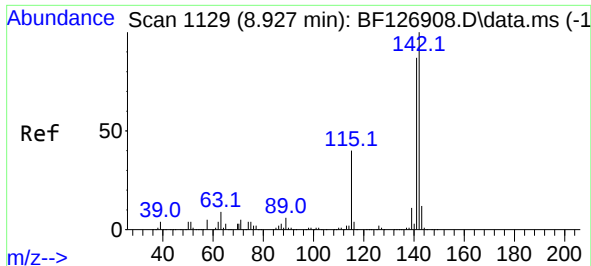


#31
Naphthalene
Concen: 13.372 ng
RT: 8.198 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36



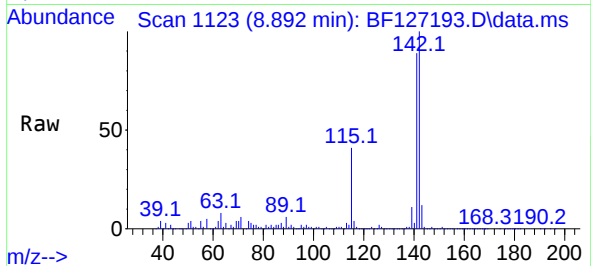
Tgt Ion:128 Resp: 320784
Ion Ratio Lower Upper
128 100
129 12.9 8.6 13.0
127 14.2 10.3 15.5





#37
2-Methylnaphthalene
Concen: 61.422 ng
RT: 8.892 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

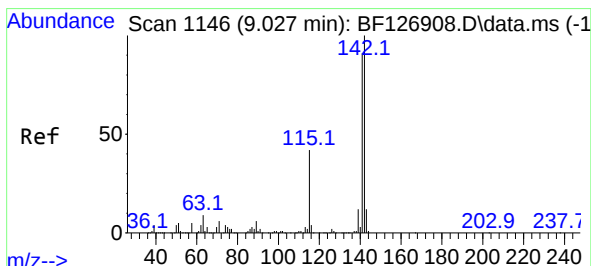
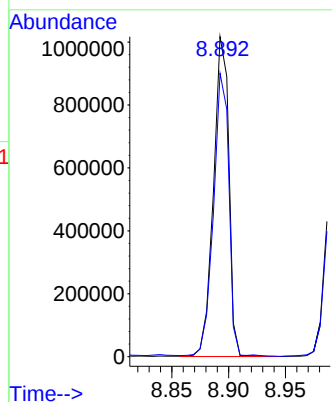
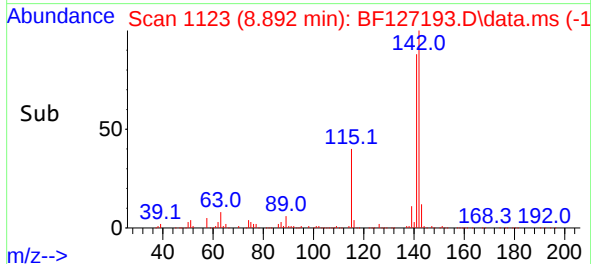
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



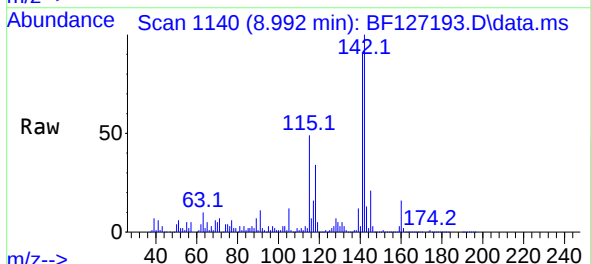
Tgt Ion:142 Resp: 95614
Ion Ratio Lower Upper
142 100
141 88.5 68.6 102.8

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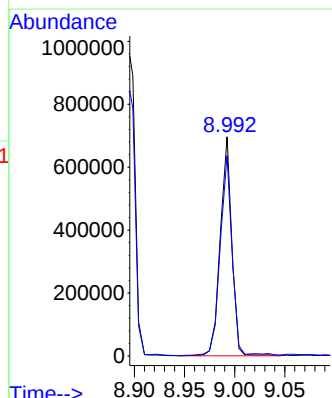
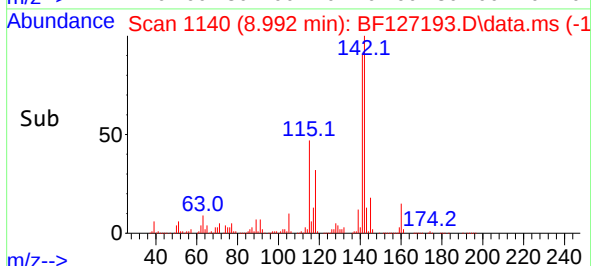
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

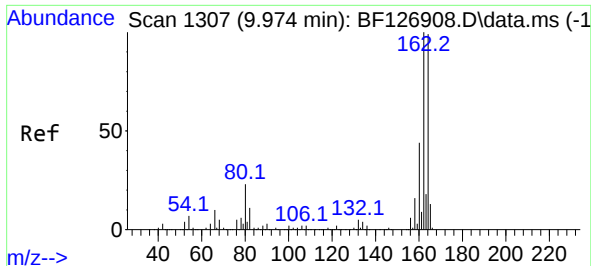


#38
1-Methylnaphthalene
Concen: 37.181 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36



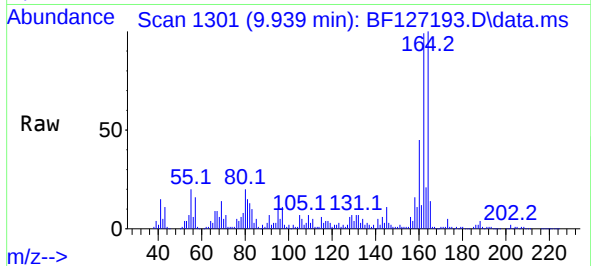
Tgt Ion:142 Resp: 554243
Ion Ratio Lower Upper
142 100
141 91.5 72.1 108.1





#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

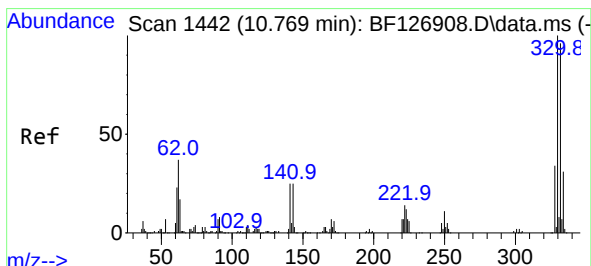
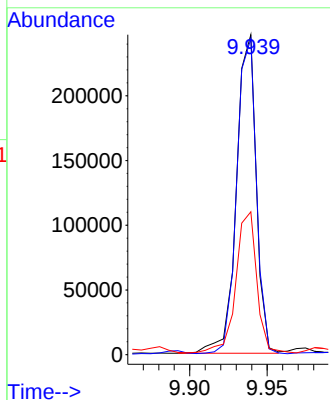
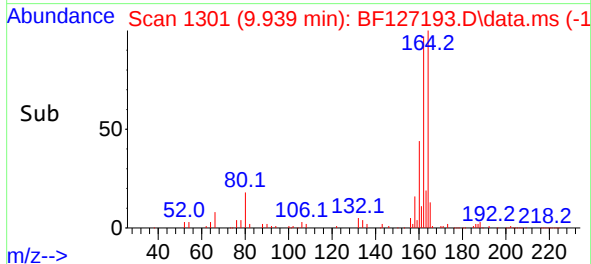
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



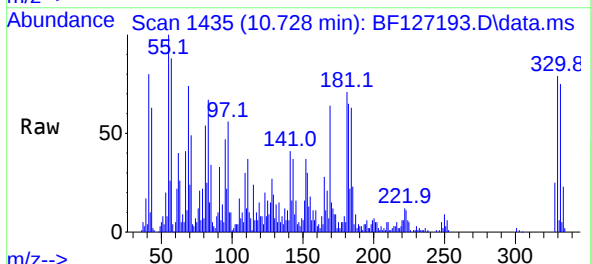
Tgt Ion:164 Resp: 21862
Ion Ratio Lower Upper
164 100
162 98.7 81.4 122.0
160 44.6 36.6 54.8

Manual Integrations
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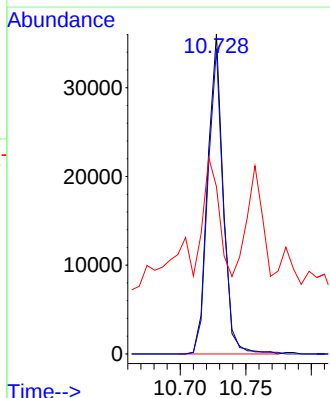
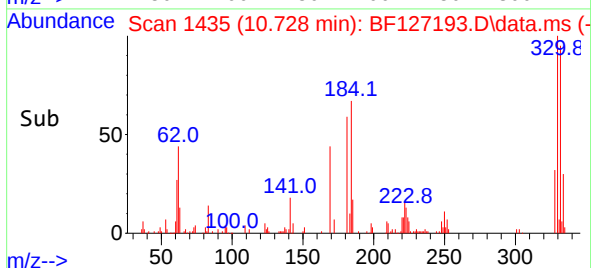
Reviewed By :Christian Giraldo 03/04/2022
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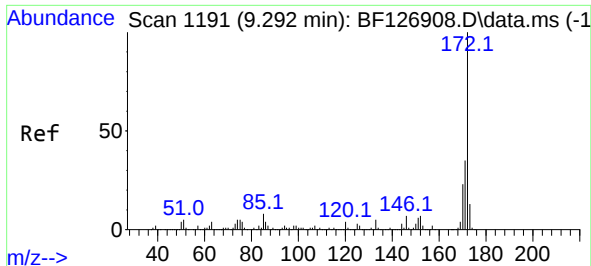


#42
2,4,6-Tribromophenol
Concen: 11.715 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36



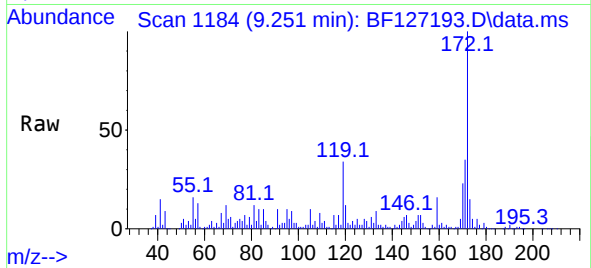
Tgt Ion:330 Resp: 29489
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 72.8 30.1 45.1#





#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

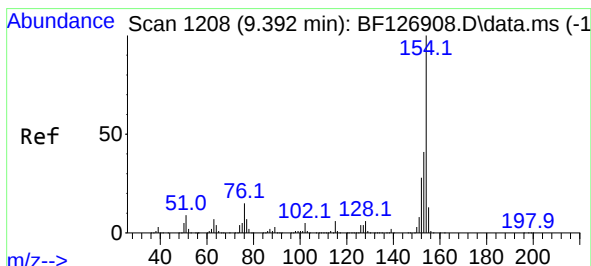
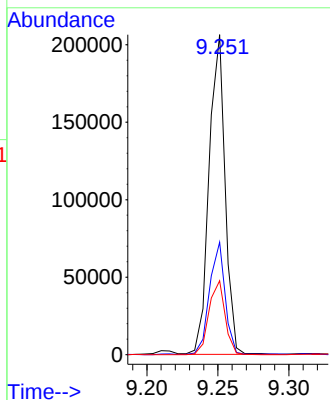
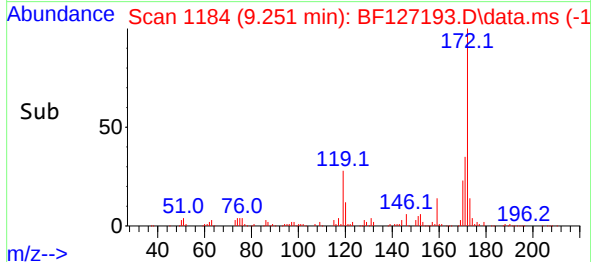
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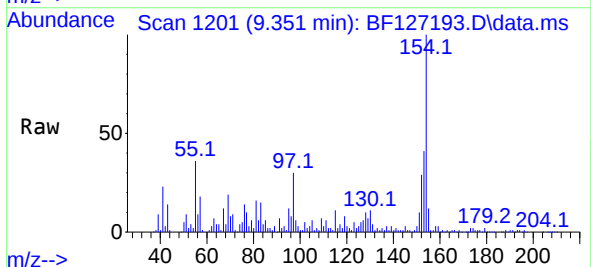
Tgt Ion:172 Resp: 161729
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.1 19.0 28.6

Manual Integrations
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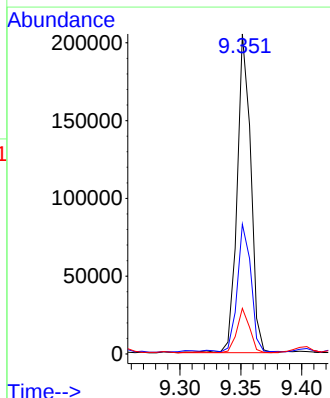
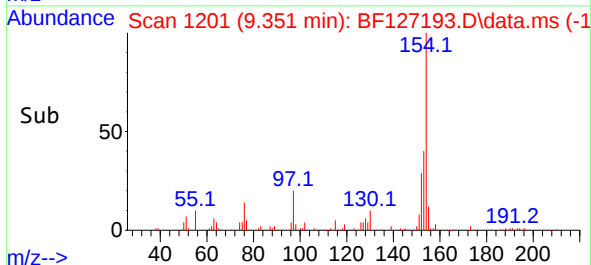
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

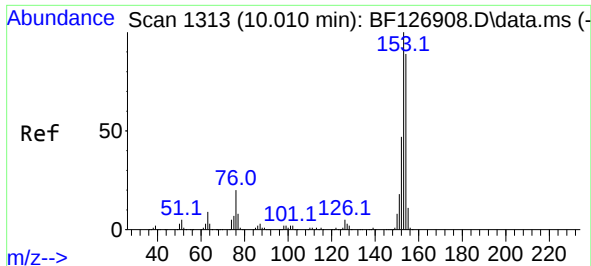


#46
1,1'-Biphenyl
Concen: 9.221 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36



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





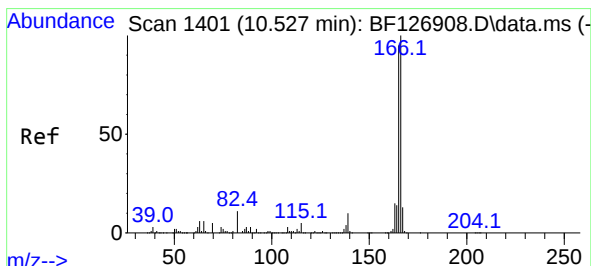
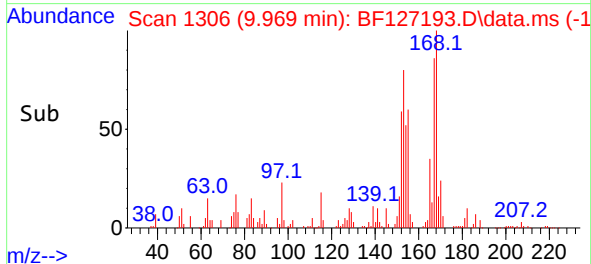
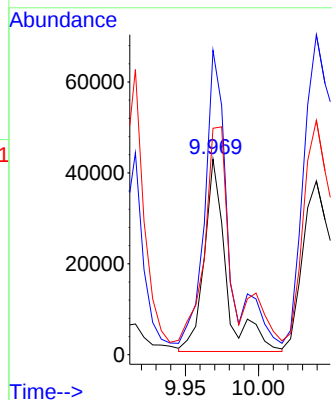
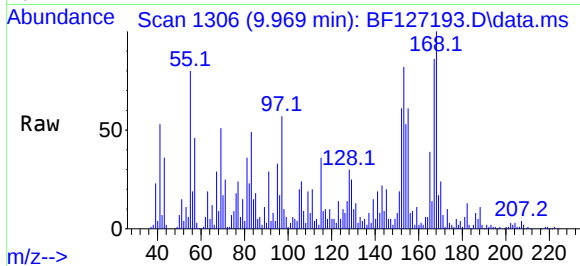
#52
Acenaphthene
Concen: 3.260 ng m
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

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

Tgt Ion:154 Resp: 4423
Ion Ratio Lower Upper
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153 155.6 87.8 131.6
152 115.8 39.4 59.2

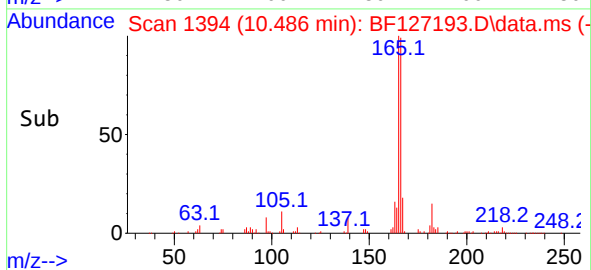
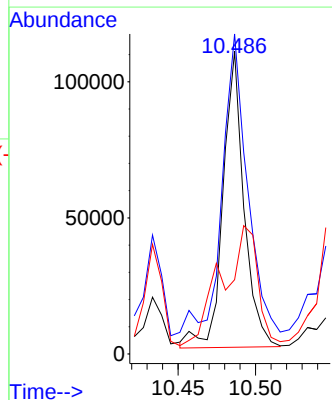
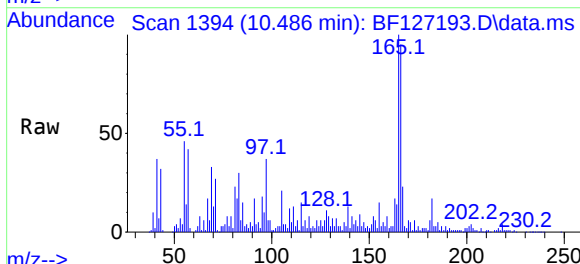
Manual Integrations
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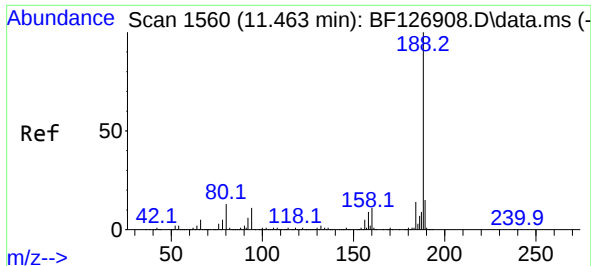
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#58
Fluorene
Concen: 7.075 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

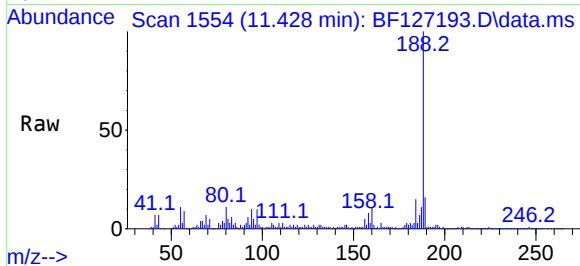
Tgt Ion:166 Resp: 102821
Ion Ratio Lower Upper
166 100
165 105.8 77.7 116.5
167 24.6 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

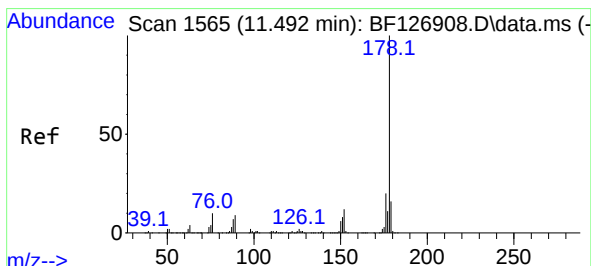
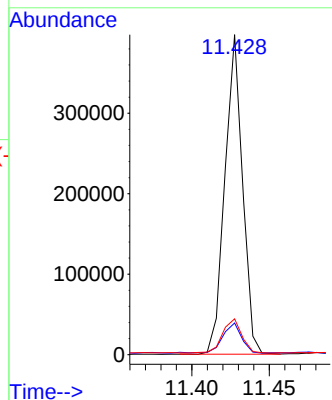
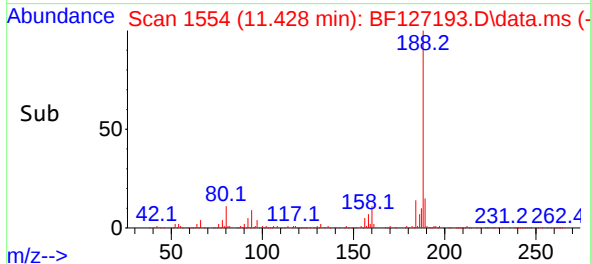
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



Tgt Ion:188 Resp: 31506
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1
80 11.2 11.8 17.6

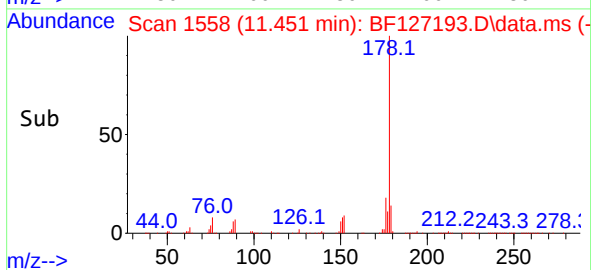
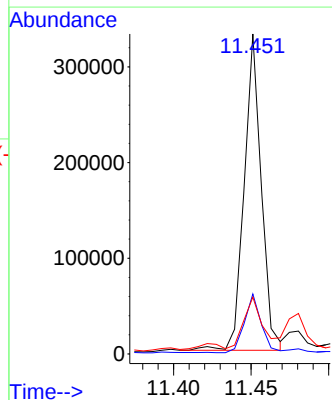
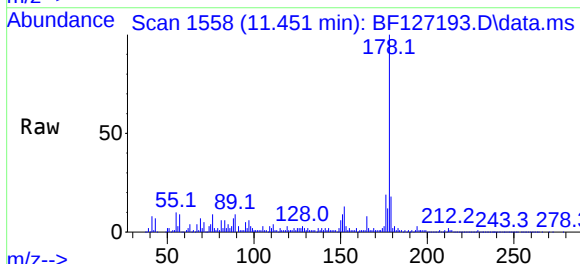
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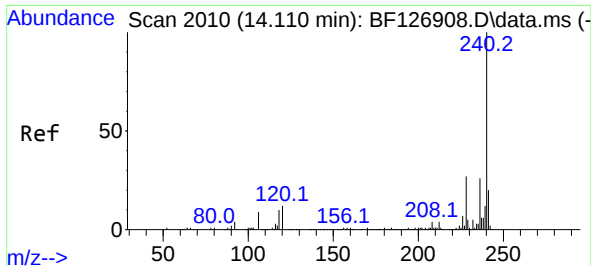
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#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

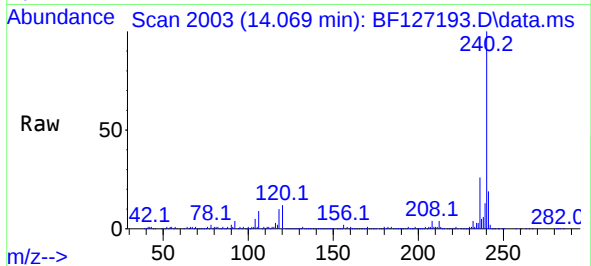
Tgt Ion:178 Resp: 253719
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 17.8 12.3 18.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36

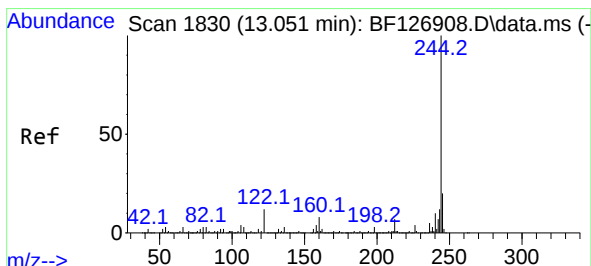
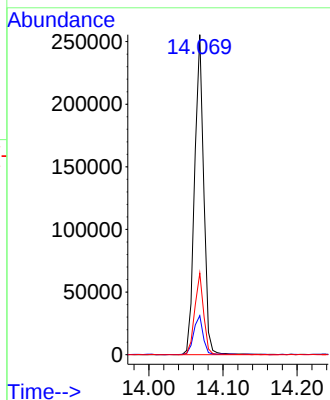
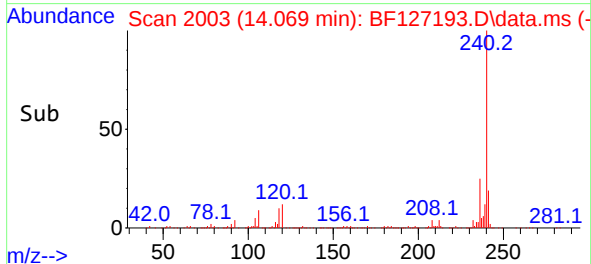
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0DL



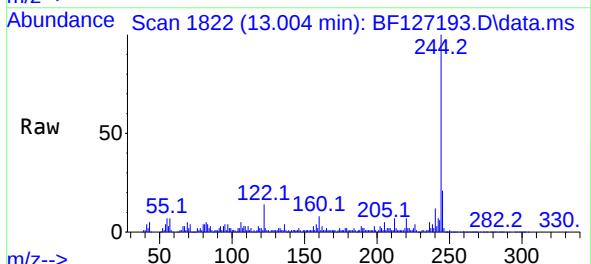
Tgt Ion:240 Resp: 218130
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6
236 25.5 20.5 30.7

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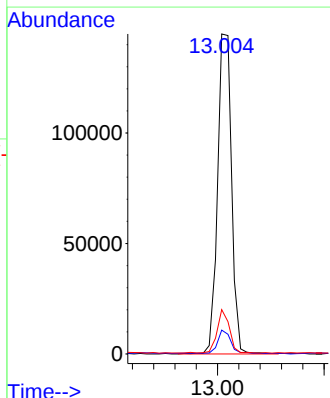
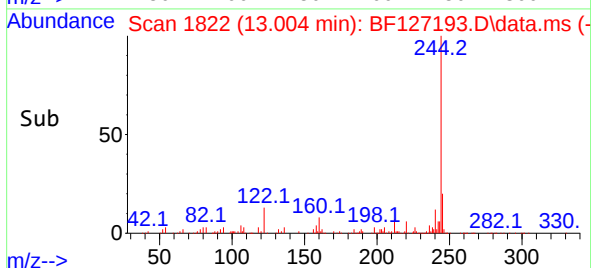
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

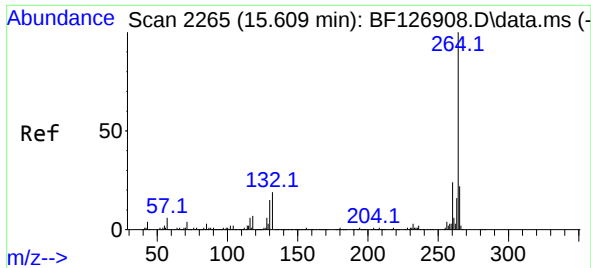


#79
Terphenyl-d14
Concen: 8.911 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF127193.D
Acq: 04 Mar 2022 01:36



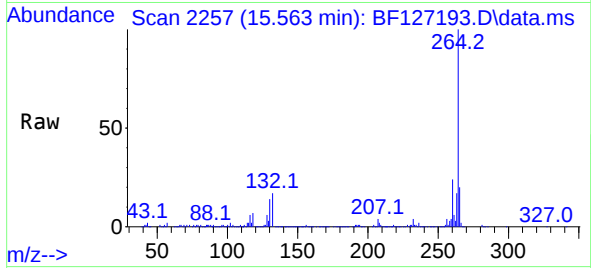
Tgt Ion:244 Resp: 132219
Ion Ratio Lower Upper
244 100
212 7.4 5.0 7.4
122 13.9 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
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:264 Resp: 19268

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	19.7	17.4	26.2

Manual Integrations
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Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022

