

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

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/02/2022
 Supervised By : Jagrut Upadhyay 03/02/2022

Quant Time: Mar 02 01:28:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	94332	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	333640	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	150147	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	205173	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	191621	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	163952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	57469	9.416	ng	0.00
7) Phenol-d6	6.516	99	76103	9.241	ng	0.00
23) Nitrobenzene-d5	7.451	82	63616	8.606	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	12569	7.271	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	73727	7.229	ng	0.00
79) Terphenyl-d14	13.009	244	65030	4.989	ng	0.00
Target Compounds						
31) Naphthalene	8.198	128	66909m	3.842	ng	Qvalue
37) 2-Methylnaphthalene	8.898	142	694885	61.487	ng	97
38) 1-Methylnaphthalene	8.998	142	492170	45.478	ng	95
46) 1,1'-Biphenyl	9.357	154	136947	11.512	ng	95
52) Acenaphthene	9.974	154	46571	4.997	ng	# 45
58) Fluorene	10.492	166	116621	11.684	ng	# 87
71) Phenanthrene	11.457	178	289990	25.252	ng	97
78) Pyrene	12.874	202	47907	2.878	ng	# 94

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

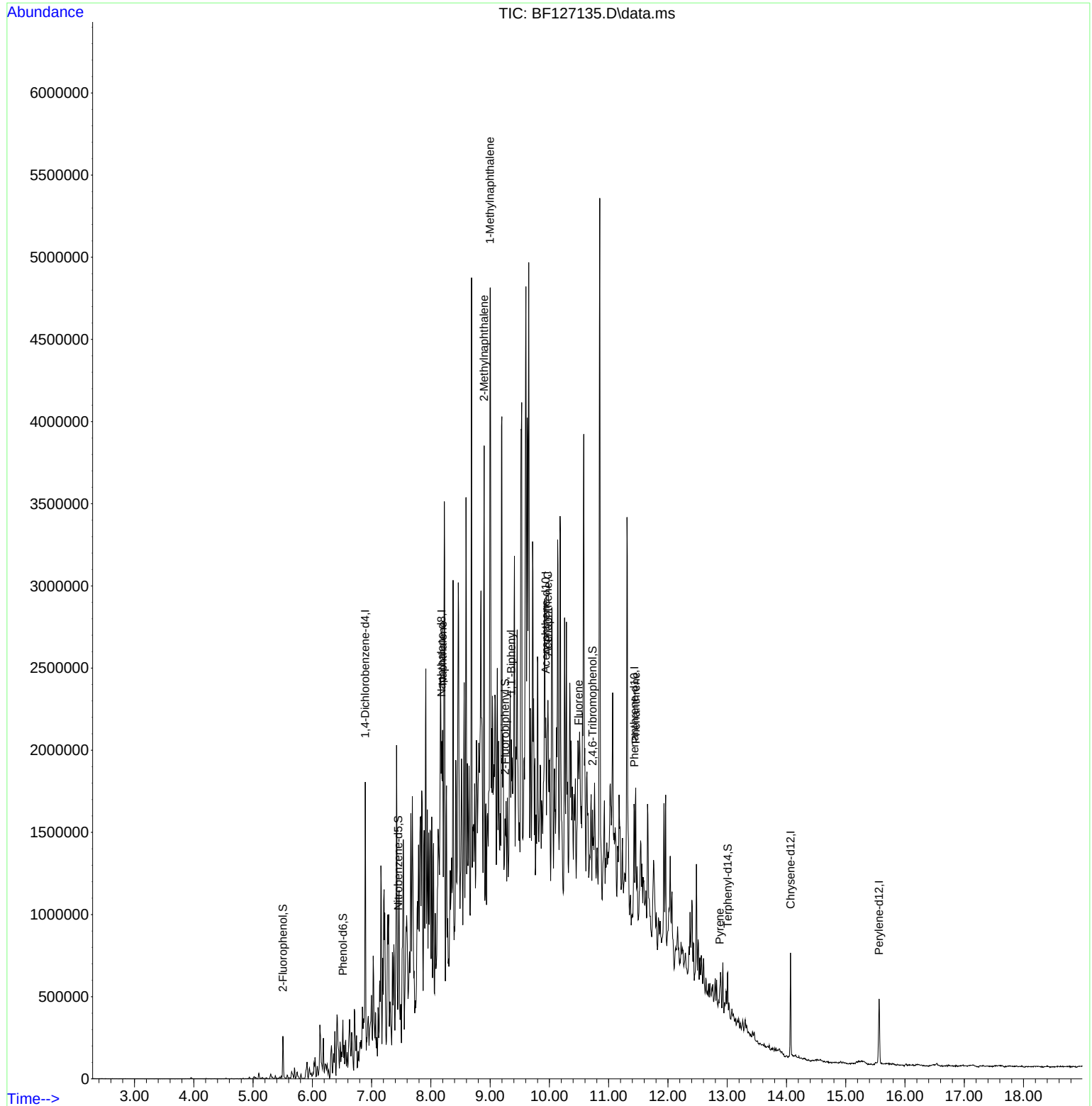
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127135.D
Acq On : 02 Mar 2022 00:14
Operator : CG\JU
Sample : N1709-10 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

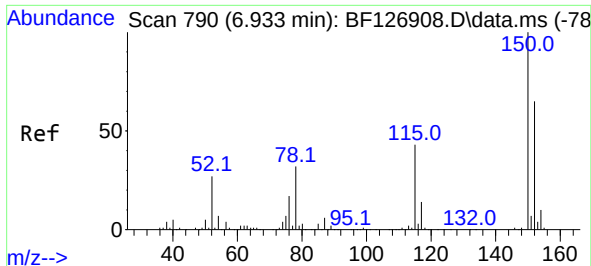
Instrument :
BNA_F
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PPSP-B4-17.5-18.0

Quant Time: Mar 02 01:28:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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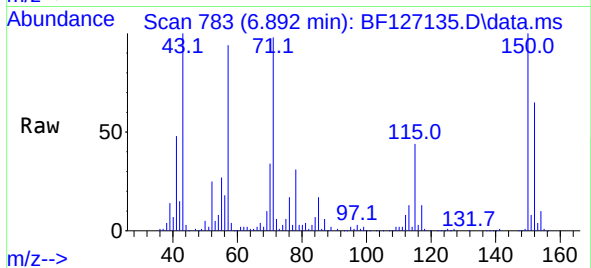
Reviewed By : Christian Giraldo 03/02/2022
Supervised By : Jagrut Upadhyay 03/02/2022





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

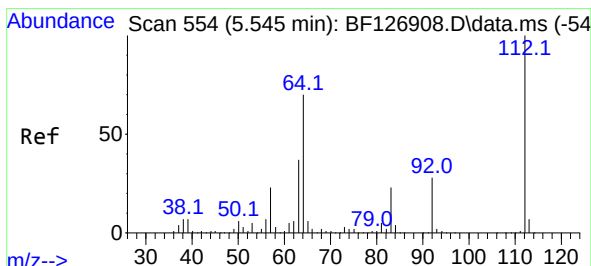
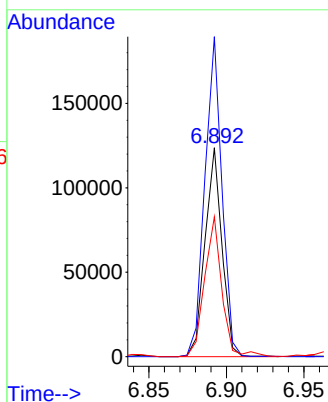
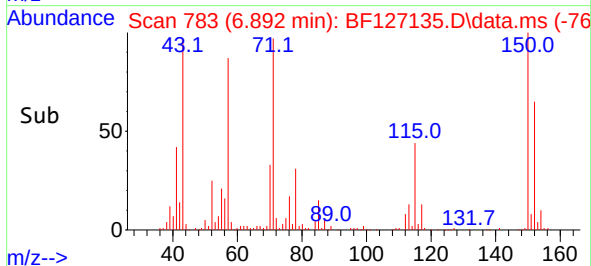
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



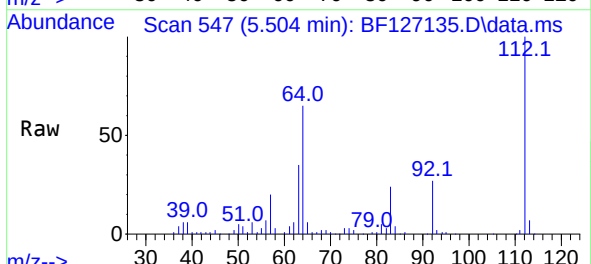
Tgt Ion:152 Resp: 9433
Ion Ratio Lower Upper
152 100
150 153.1 128.1 192.1
115 66.9 56.7 85.1

Manual Integrations
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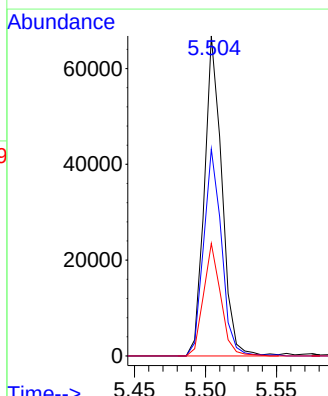
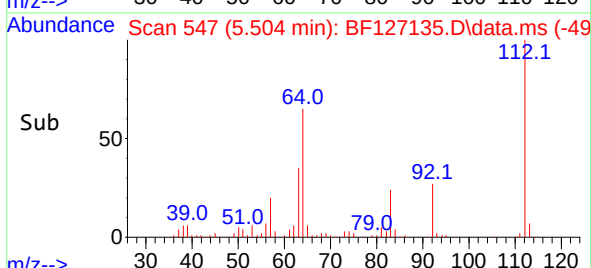
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

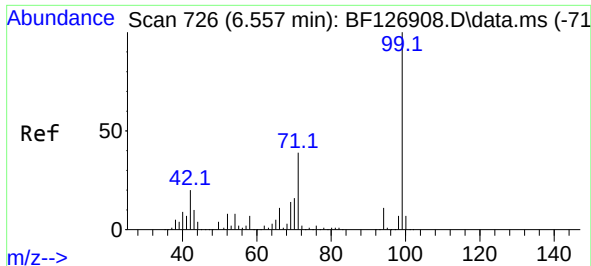


#5
2-Fluorophenol
Concen: 9.416 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14



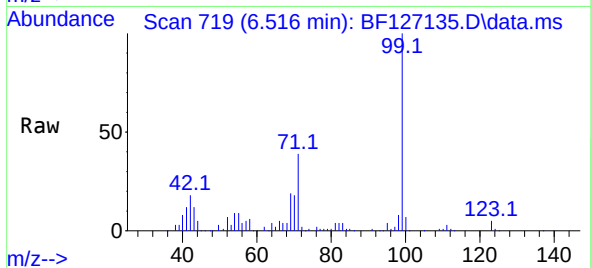
Tgt Ion:112 Resp: 57469
Ion Ratio Lower Upper
112 100
64 64.7 49.5 74.3
63 35.2 23.9 35.9





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

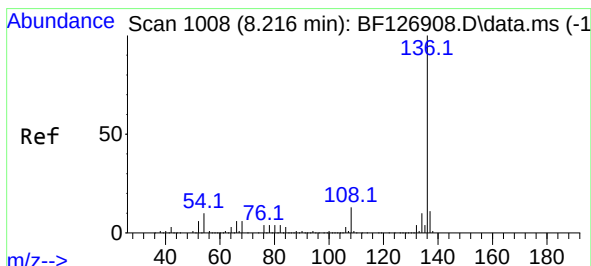
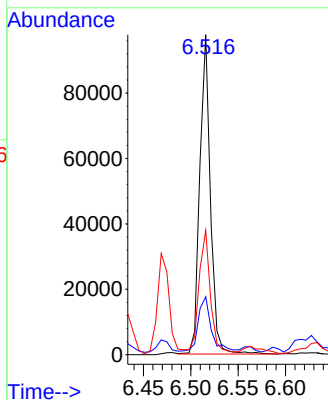
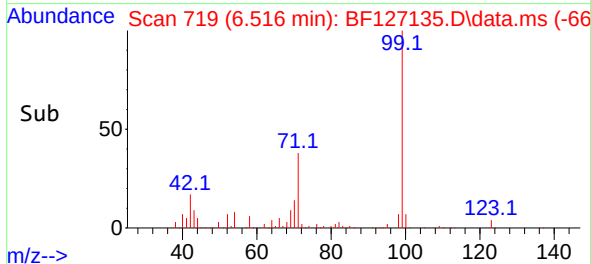
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



Tgt Ion: 99 Resp: 7610
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 38.8 24.3 36.5

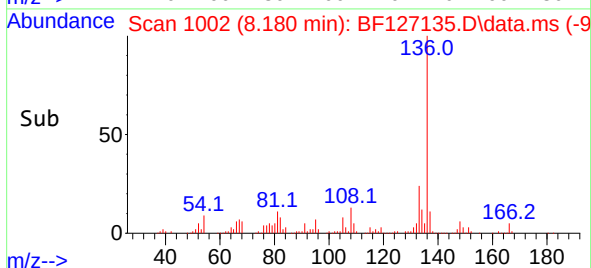
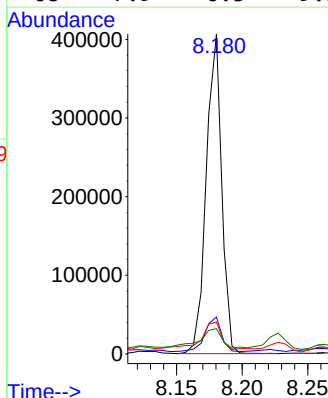
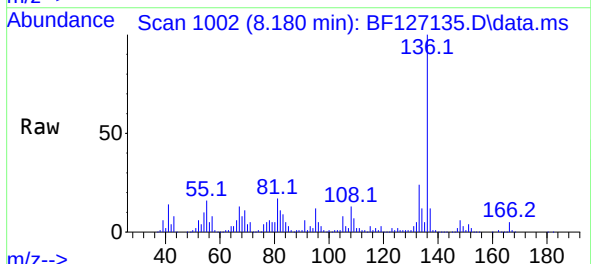
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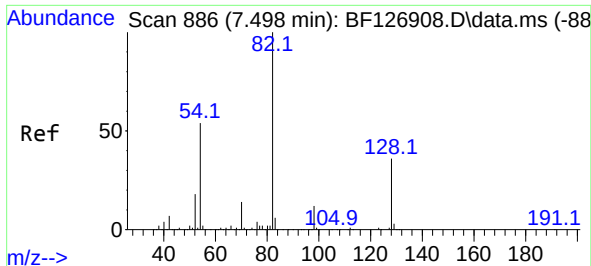
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022



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

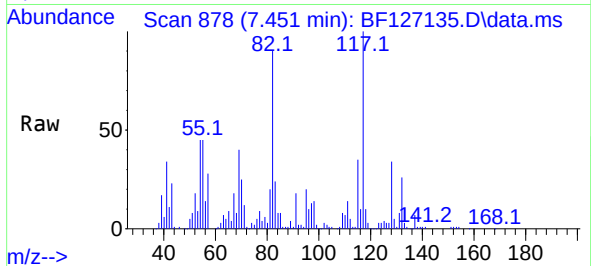
Tgt Ion:136 Resp: 333640
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 10.0 7.8 11.6
68 7.9 6.3 9.5





#23
Nitrobenzene-d5
Concen: 8.606 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

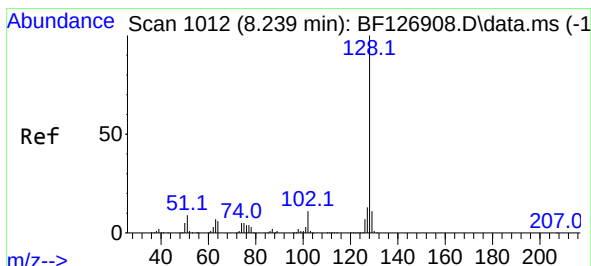
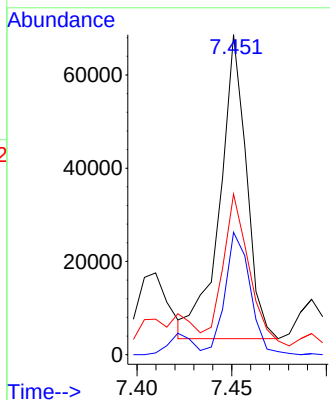
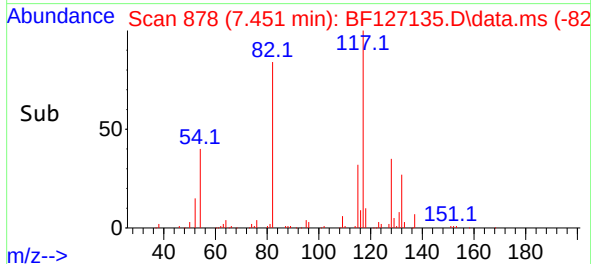
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



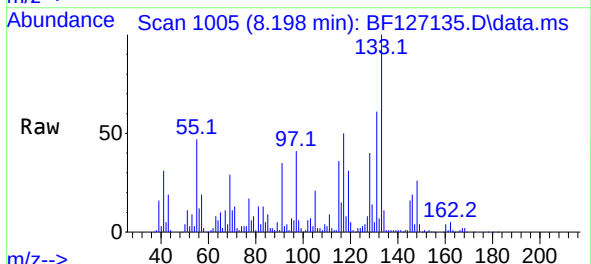
Tgt Ion: 82 Resp: 63610
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 50.2 41.7 62.5

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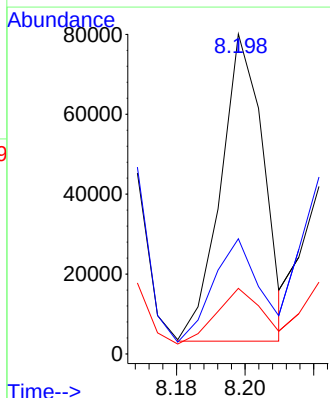
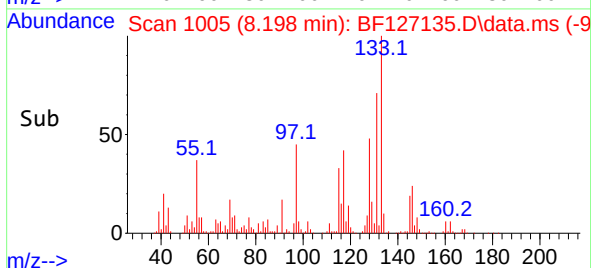
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

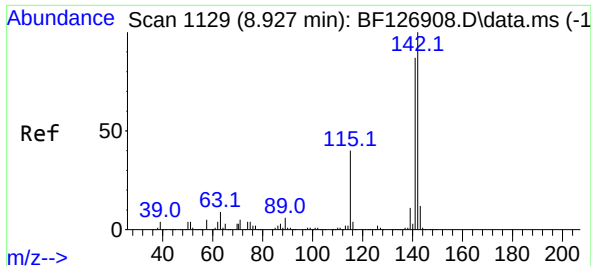


#31
Naphthalene
Concen: 3.842 ng m
RT: 8.198 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14



Tgt Ion:128 Resp: 66909
Ion Ratio Lower Upper
128 100
129 36.0 8.6 13.0#
127 20.5 10.3 15.5#





#37

2-Methylnaphthalene

Concen: 61.487 ng

RT: 8.898 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-17.5-18.0

Tgt Ion:142 Resp: 69488

Ion Ratio Lower Upper

142 100

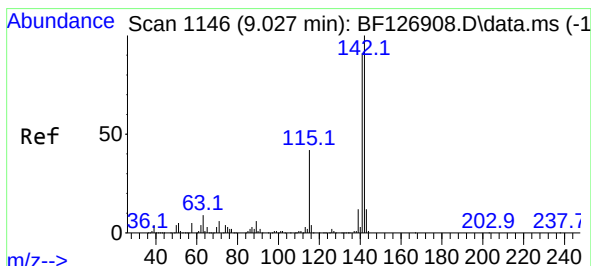
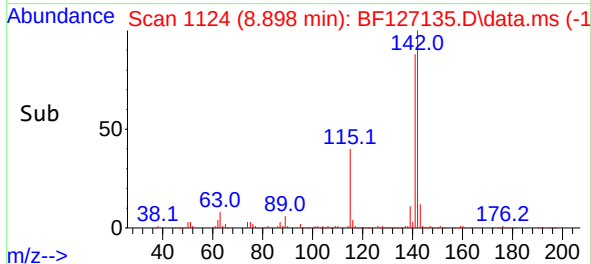
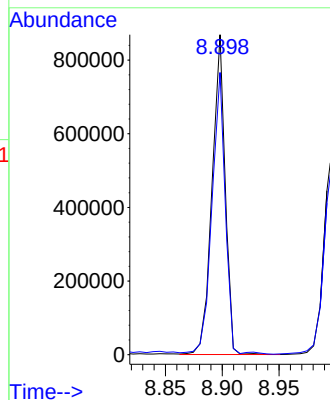
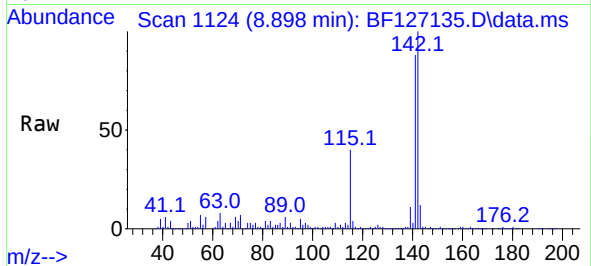
141 88.2 68.6 102.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/02/2022



#38

1-Methylnaphthalene

Concen: 45.478 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.006 min

Lab File: BF127135.D

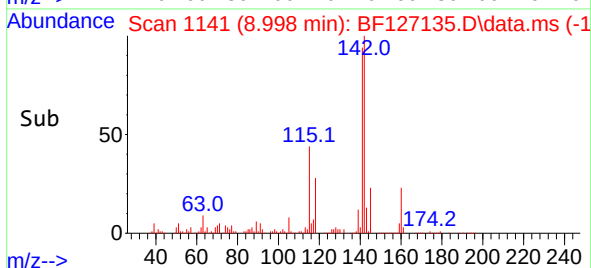
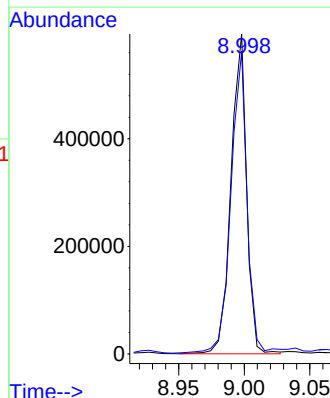
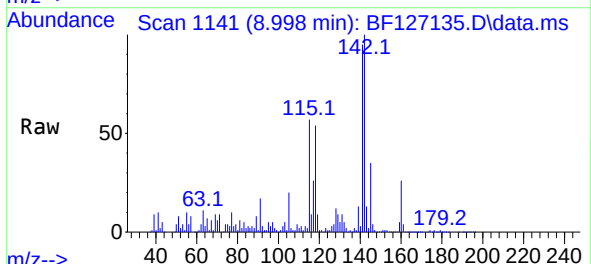
Acq: 02 Mar 2022 00:14

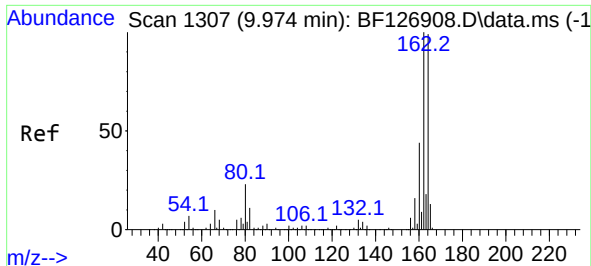
Tgt Ion:142 Resp: 492170

Ion Ratio Lower Upper

142 100

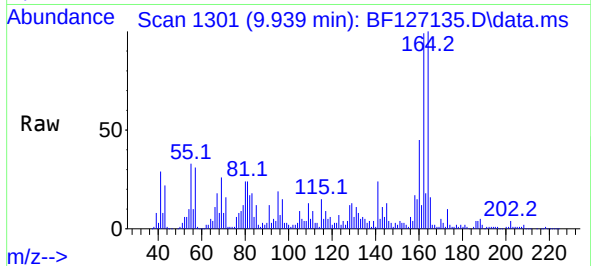
141 94.6 72.1 108.1





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

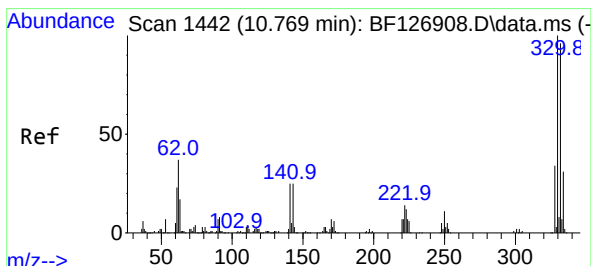
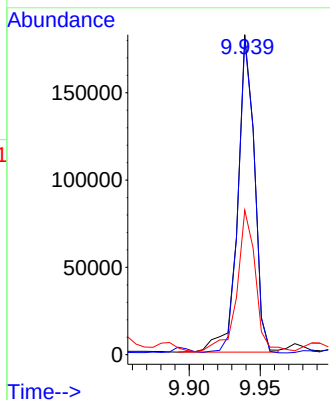
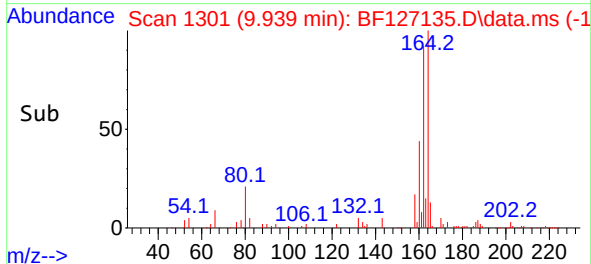
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



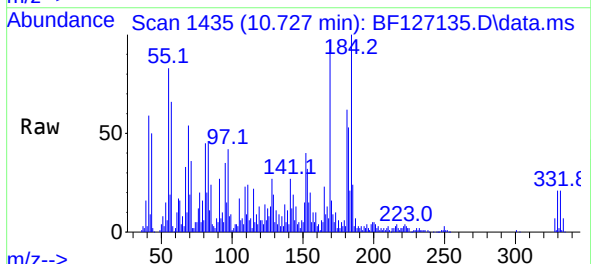
Tgt Ion:164 Resp: 15014
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 45.2 36.6 54.8

Manual Integrations
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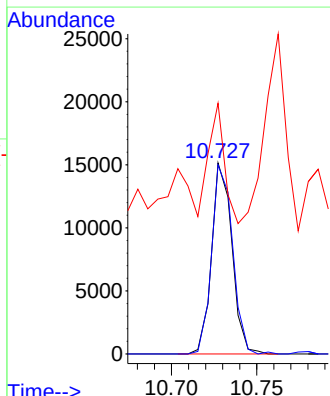
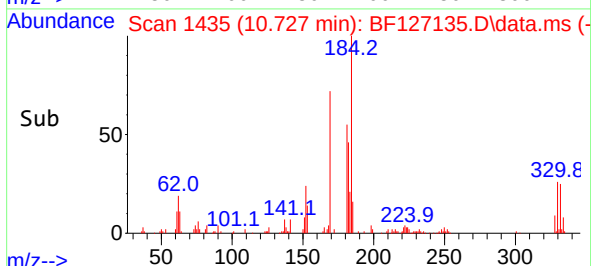
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

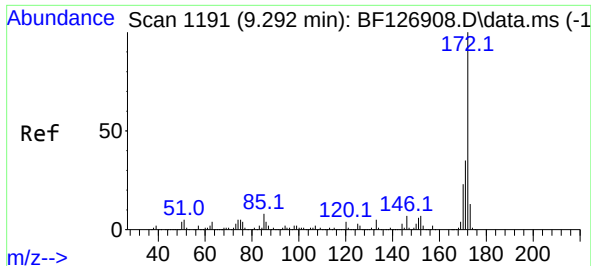


#42
2,4,6-Tribromophenol
Concen: 7.271 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14



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





#45

2-Fluorobiphenyl

Concen: 7.229 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

Instrument :

BNA_F

ClientSampleId :

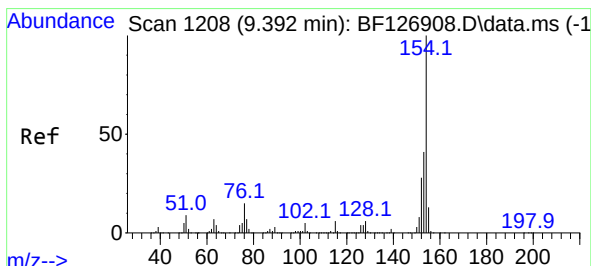
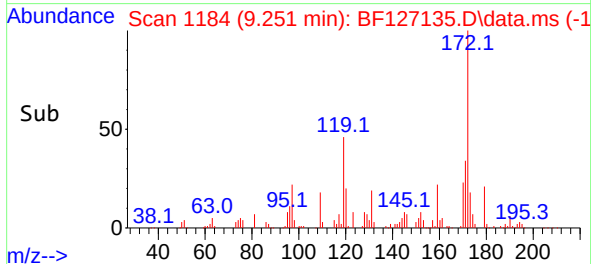
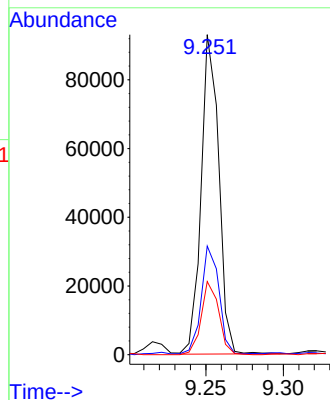
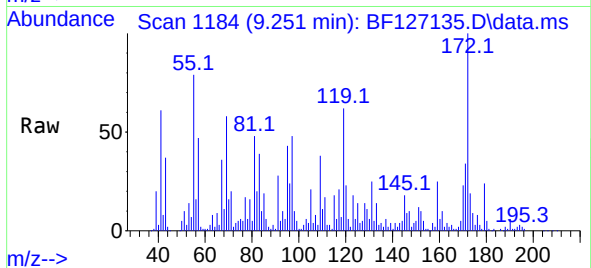
PPSP-B4-17.5-18.0

Tgt Ion:172	Resp:	7372
Ion Ratio	Lower	Upper
172	100	
171	34.0	28.3 42.5
170	22.8	19.0 28.6

Manual Integrations

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#46

1,1'-Biphenyl

Concen: 11.512 ng

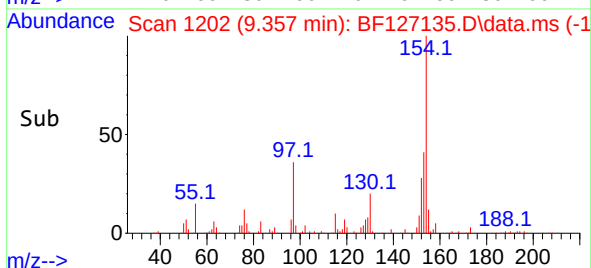
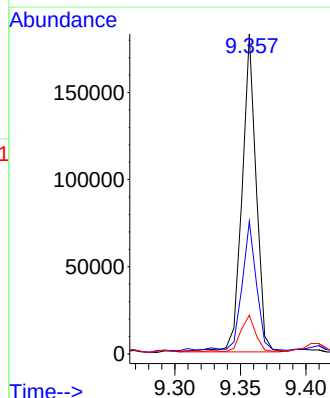
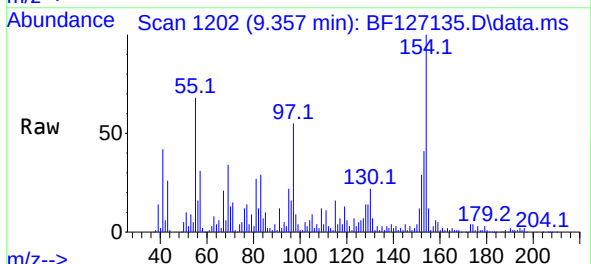
RT: 9.357 min Scan# 1202

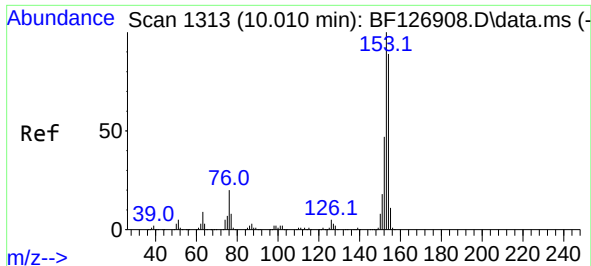
Delta R.T. -0.000 min

Lab File: BF127135.D

Acq: 02 Mar 2022 00:14

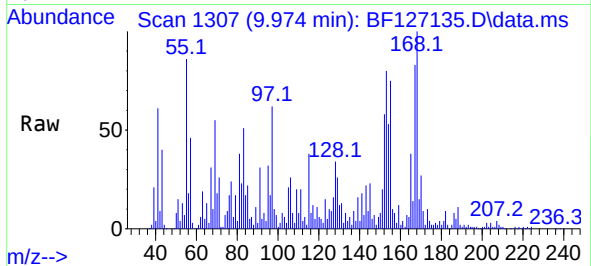
Tgt Ion:154	Resp:	136947
Ion Ratio	Lower	Upper
154	100	
153	41.5	19.0 59.0
76	12.1	0.0 34.5





#52
Acenaphthene
Concen: 4.997 ng
RT: 9.974 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

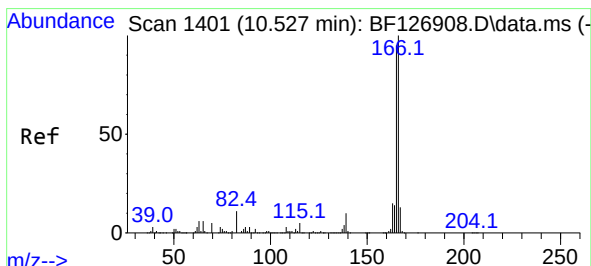
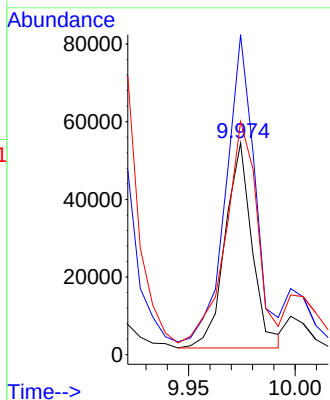
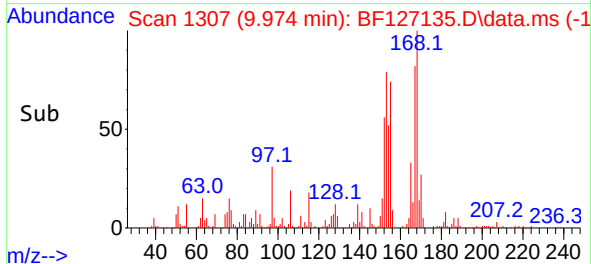
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



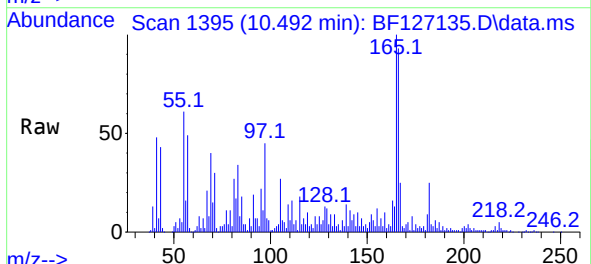
Tgt Ion:154 Resp: 4657
Ion Ratio Lower Upper
154 100
153 151.2 87.8 131.6
152 110.1 39.4 59.2

Manual Integrations
APPROVED

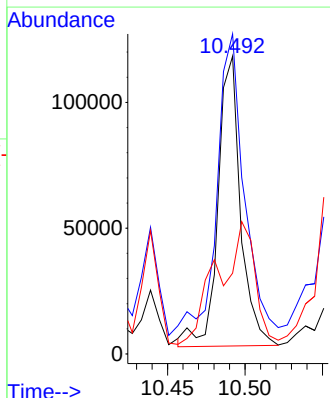
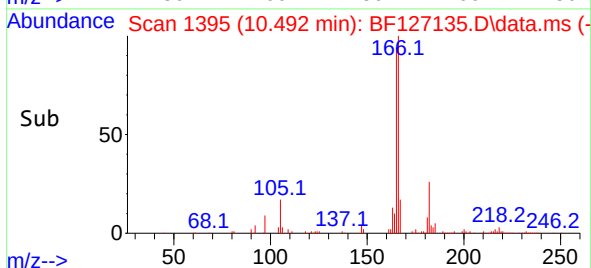
Reviewed By :Christian Giraldo 03/02/2022
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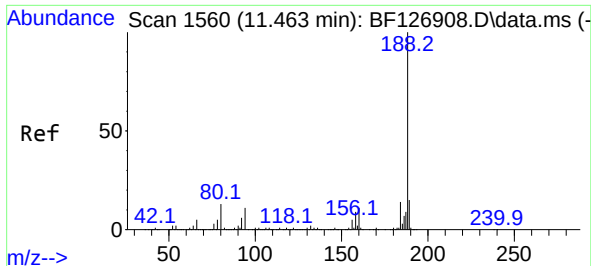


#58
Fluorene
Concen: 11.684 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14



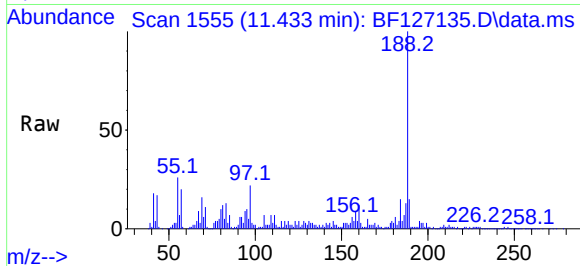
Tgt Ion:166 Resp: 116621
Ion Ratio Lower Upper
166 100
165 107.4 77.7 116.5
167 27.1 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

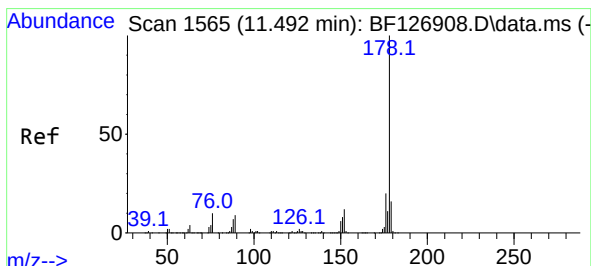
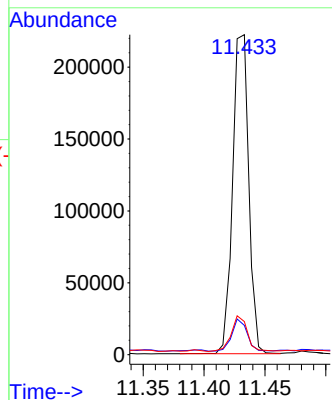
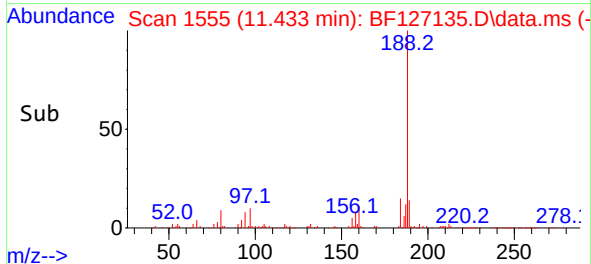
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



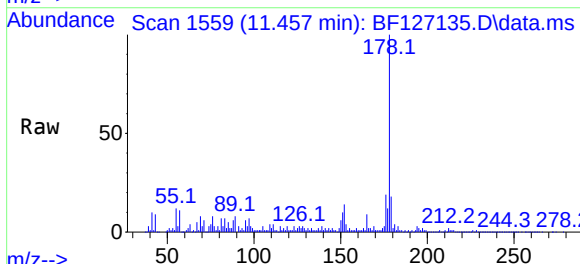
Tgt Ion:188 Resp: 20517
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1
80 10.4 11.8 17.6

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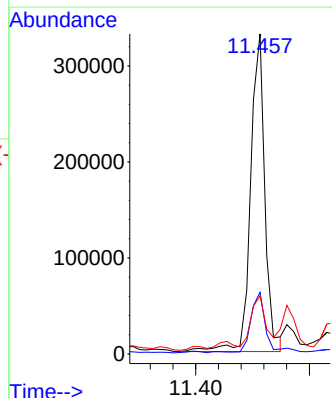
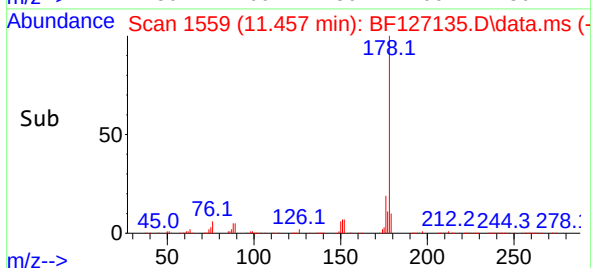
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

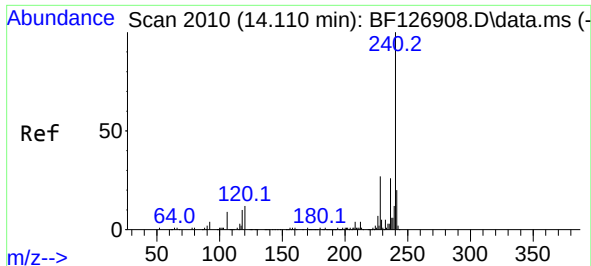


#71
Phenanthrene
Concen: 25.252 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14



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





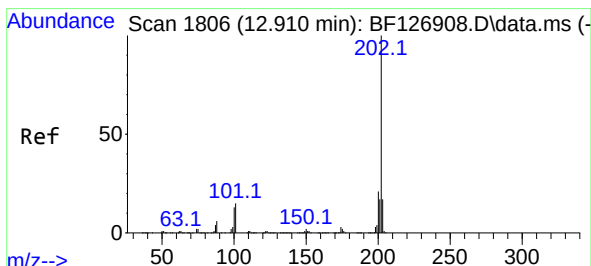
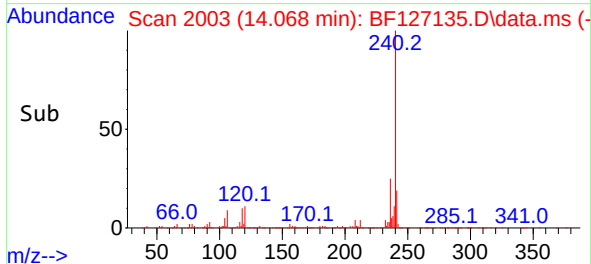
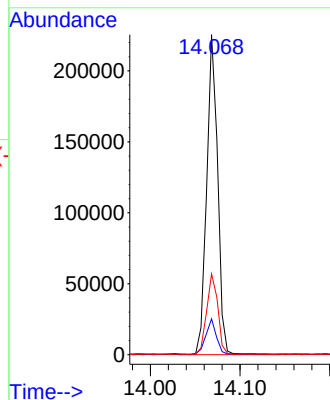
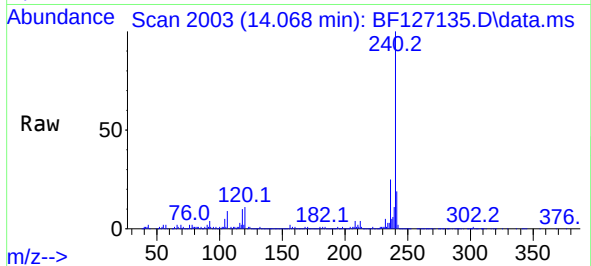
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

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

Tgt Ion:240 Resp: 19162
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6
236 25.3 20.5 30.7

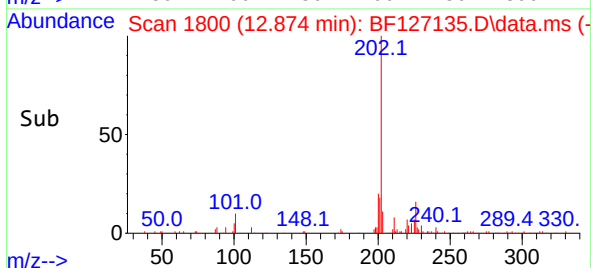
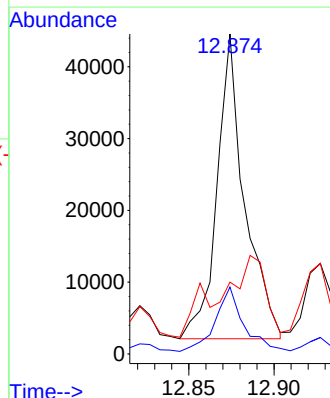
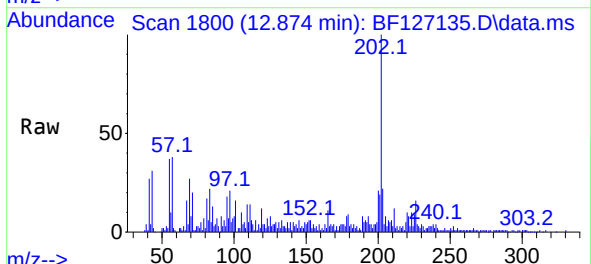
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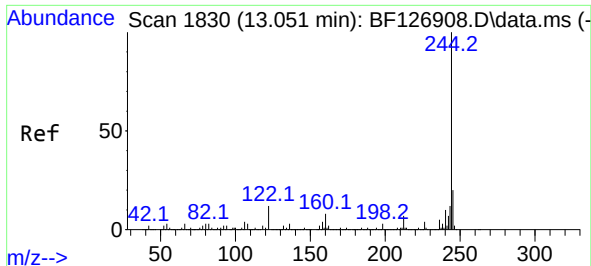
Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022



#78
Pyrene
Concen: 2.878 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

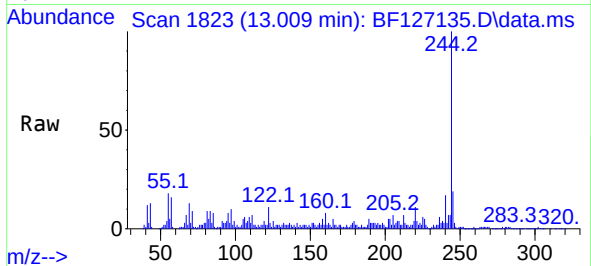
Tgt Ion:202 Resp: 47907
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 22.4 13.8 20.8





#79
Terphenyl-d14
Concen: 4.989 ng
RT: 13.009 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

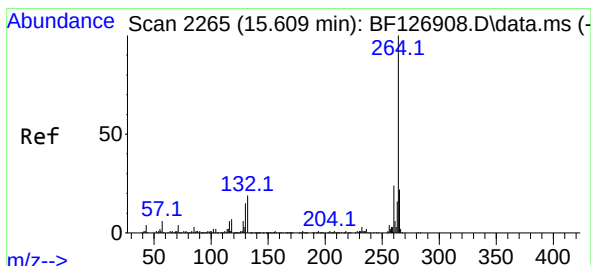
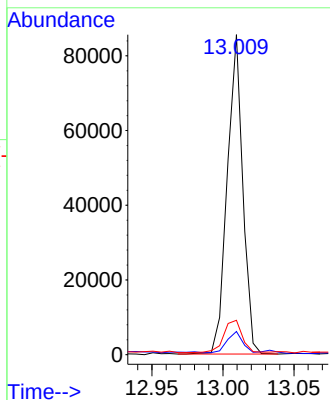
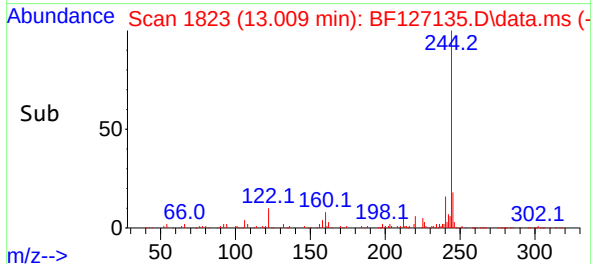
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-17.5-18.0



Tgt Ion:244 Resp: 65030
Ion Ratio Lower Upper
244 100
212 7.3 5.0 7.4
122 10.8 13.3 19.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127135.D
Acq: 02 Mar 2022 00:14

Tgt Ion:264 Resp: 163952
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.9 17.4 26.2

