

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127156.D
 Acq On : 02 Mar 2022 19:35
 Operator : CG\JU
 Sample : N1708-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 00:57:41 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	73663	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	254473	20.000	ng	# 0.02
39) Acenaphthene-d10	9.963	164	145908	20.000	ng	0.02
64) Phenanthrene-d10	11.451	188	144204	20.000	ng	0.02
76) Chrysene-d12	14.069	240	126918	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	150449	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	832843	174.744	ng	0.00
7) Phenol-d6	6.528	99	1042508	162.104	ng	0.00
23) Nitrobenzene-d5	7.469	82	685202	121.538	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	187103	111.375	ng	0.03
45) 2-Fluorobiphenyl	9.275	172	924167	93.245	ng	0.02
79) Terphenyl-d14	13.022	244	738725	85.564	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.534	94	14315	2.203	ng	# 1
31) Naphthalene	8.216	128	2045916m	154.014	ng	
37) 2-Methylnaphthalene	8.934	142	4824917	559.756	ng	96
38) 1-Methylnaphthalene	9.022	142	2586027	313.298	ng	99
46) 1,1'-Biphenyl	9.381	154	893815	77.320	ng	95
52) Acenaphthene	9.998	154	220464	24.345	ng	# 44
58) Fluorene	10.516	166	527134	54.344	ng	# 92
71) Phenanthrene	11.480	178	1351896m	167.493	ng	
75) Fluoranthene	12.657	202	34834	4.545	ng	73
78) Pyrene	12.886	202	179213	16.253	ng	# 94

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

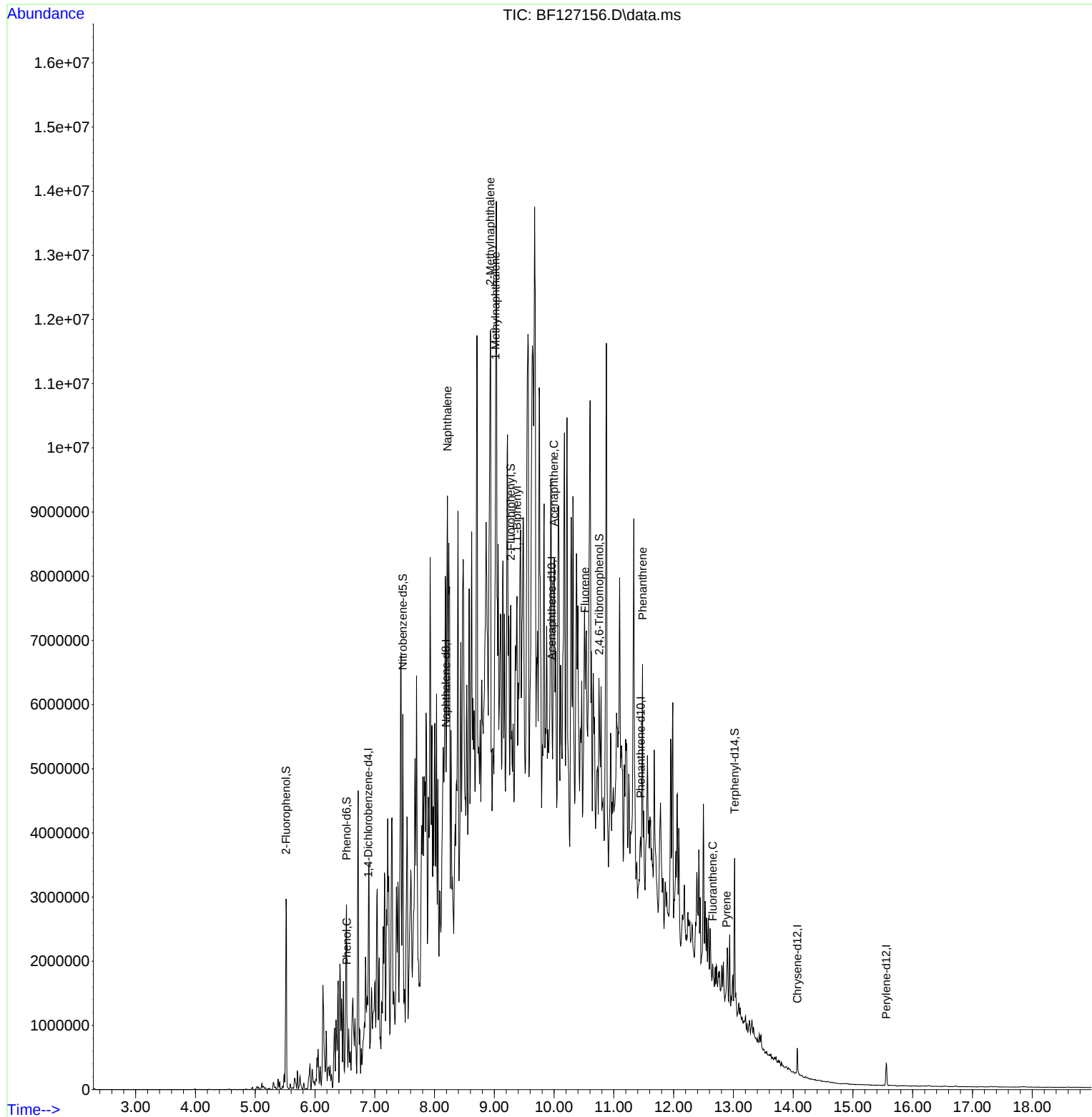
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
Data File : BF127156.D
Acq On : 02 Mar 2022 19:35
Operator : CG\JU
Sample : N1708-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

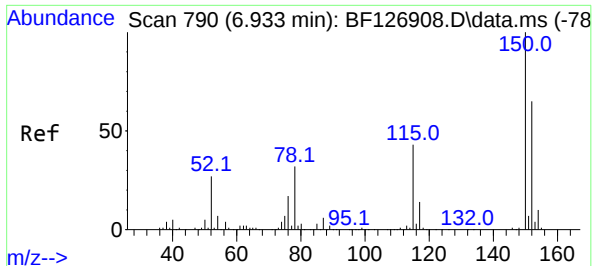
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0

Quant Time: Mar 03 00:57:41 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

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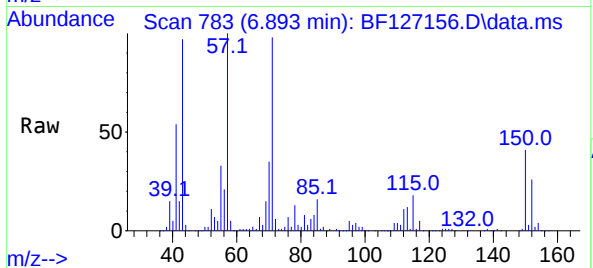
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

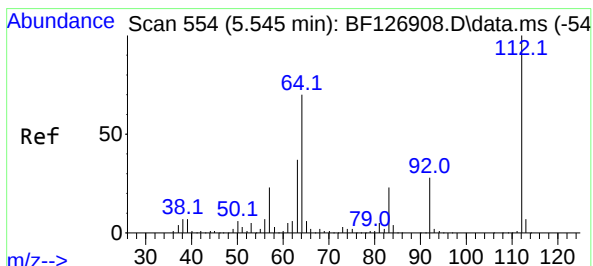
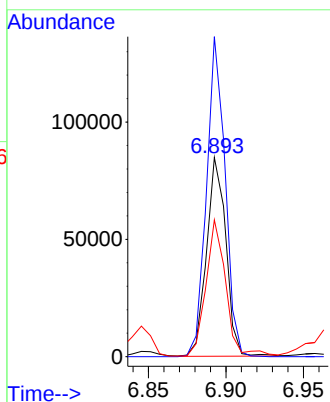
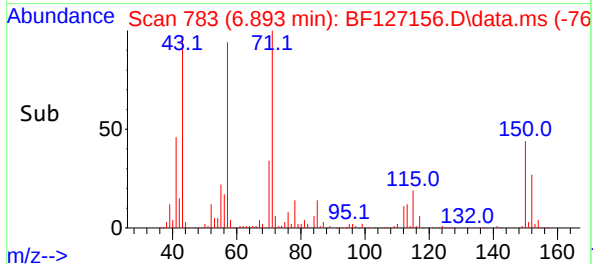
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



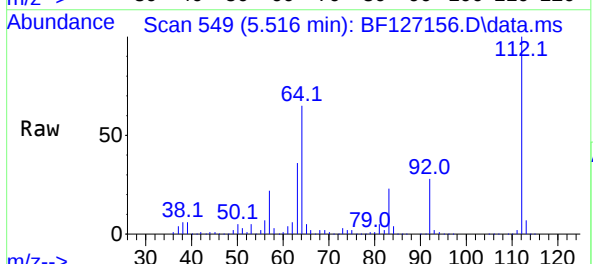
Tgt Ion:152 Resp: 7366
Ion Ratio Lower Upper
152 100
150 160.6 128.1 192.1
115 68.7 56.7 85.1

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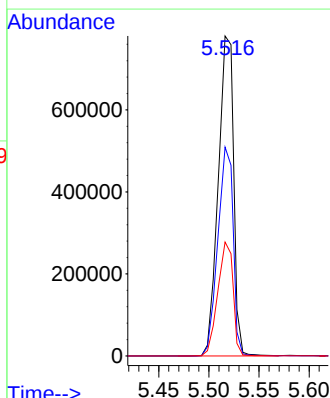
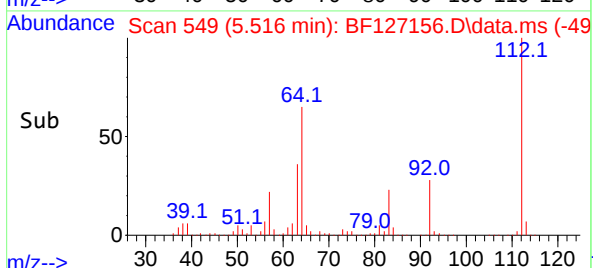
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

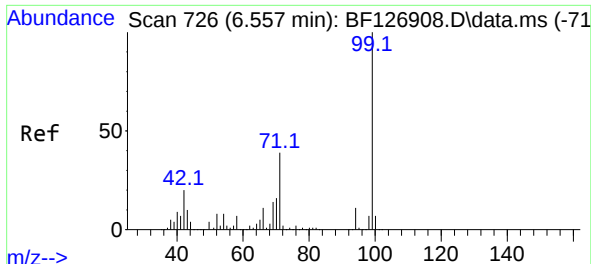


#5
2-Fluorophenol
Concen: 174.744 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35



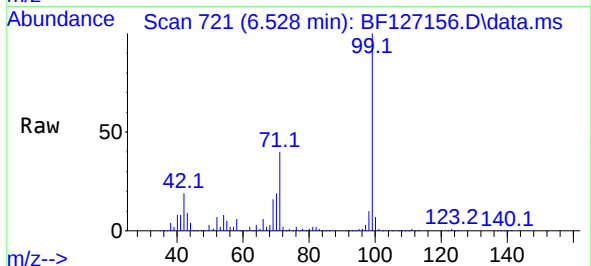
Tgt Ion:112 Resp: 832843
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.6 23.9 35.9





#7
Phenol-d6
Concen: 162.104 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

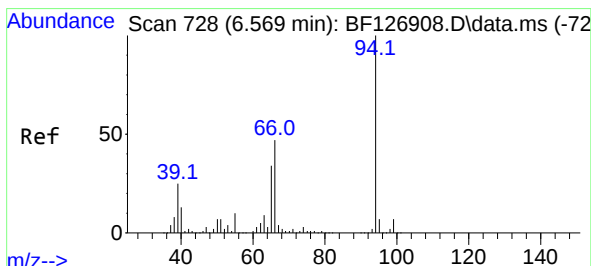
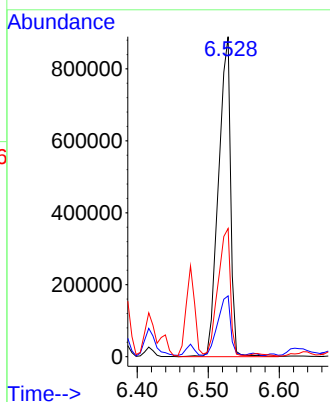
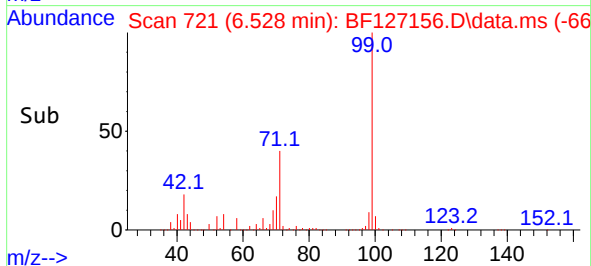
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



Tgt Ion: 99 Resp: 1042508
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 40.1 24.3 36.5

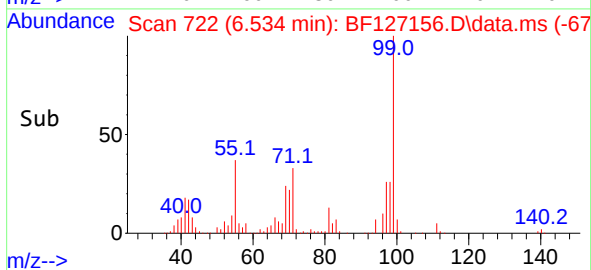
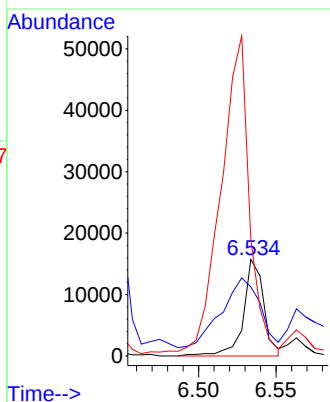
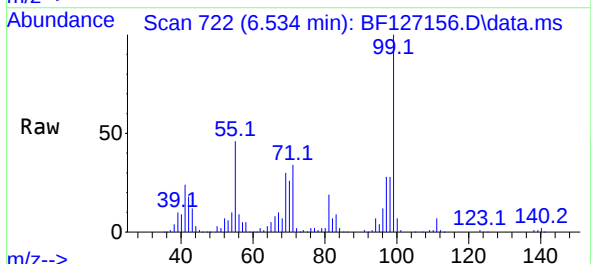
Manual Integrations
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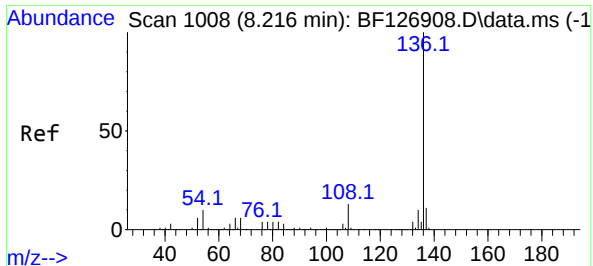
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#10
Phenol
Concen: 2.203 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

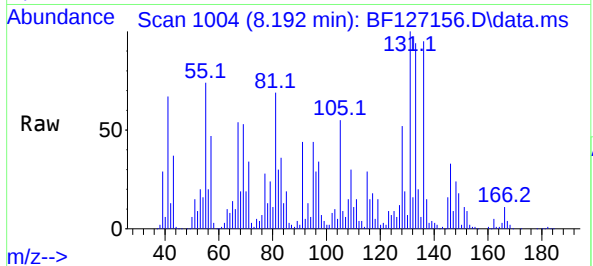
Tgt Ion: 94 Resp: 14315
Ion Ratio Lower Upper
94 100
65 71.5 7.2 47.2#
66 120.5 14.5 54.5#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.018 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

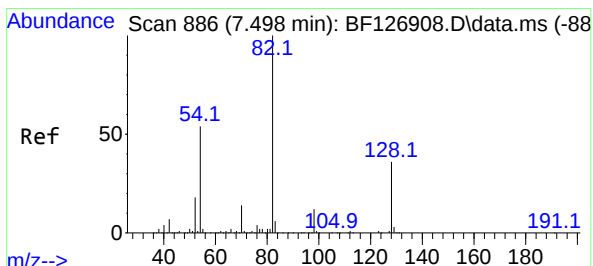
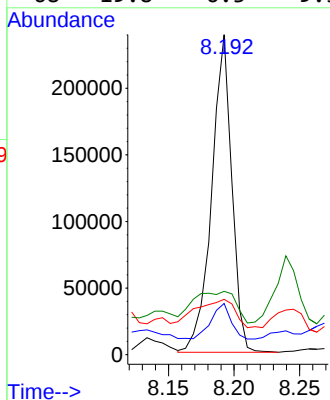
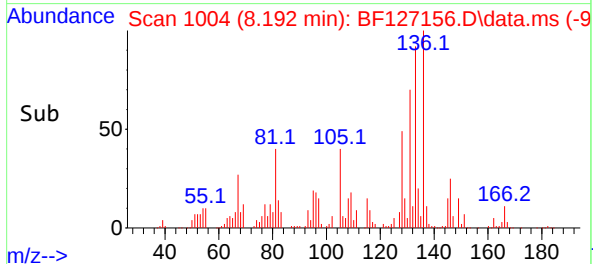
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



Tgt Ion:136 Resp: 25447
Ion Ratio Lower Upper
136 100
137 16.0 8.6 13.0
54 17.3 7.8 11.6
68 19.8 6.3 9.5

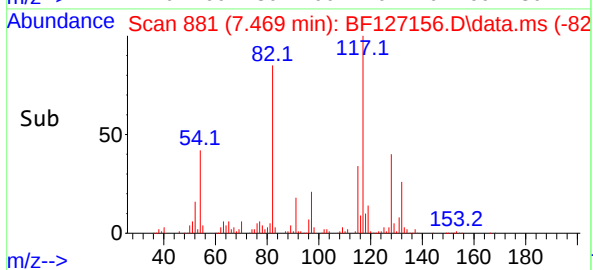
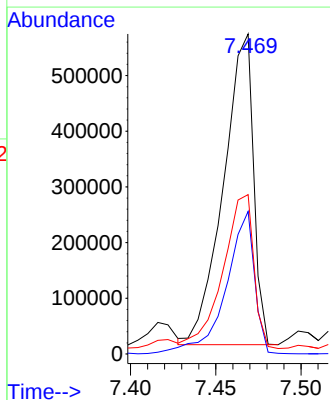
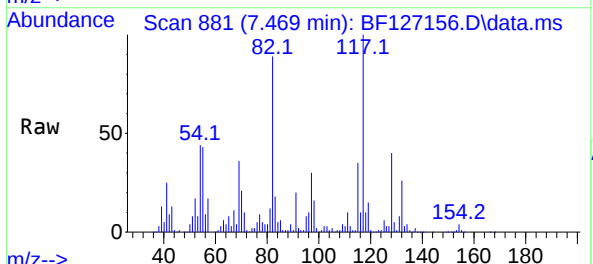
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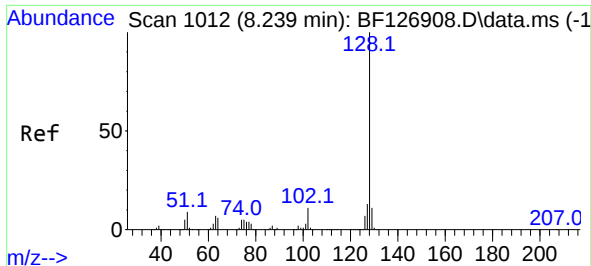
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#23
Nitrobenzene-d5
Concen: 121.538 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

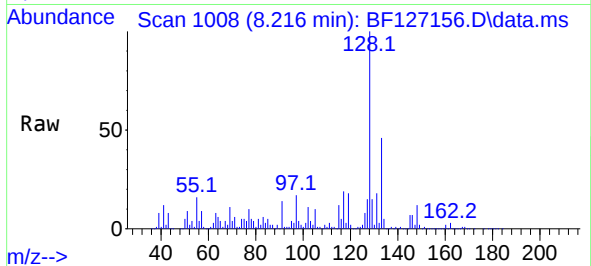
Tgt Ion: 82 Resp: 685202
Ion Ratio Lower Upper
82 100
128 44.6 32.7 49.1
54 49.8 41.7 62.5





#31
Naphthalene
Concen: 154.014 ng m
RT: 8.216 min Scan# 1012
Delta R.T. 0.018 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

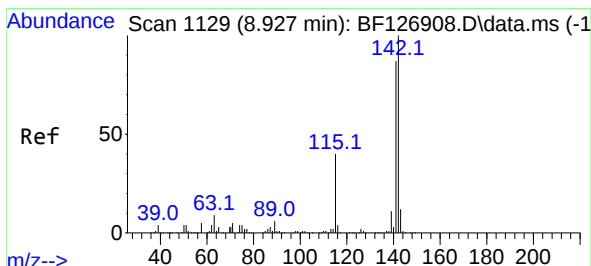
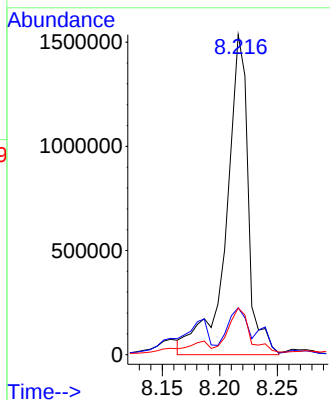
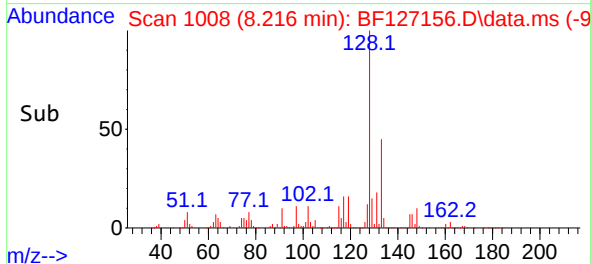
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



Tgt Ion:128 Resp: 2045910
Ion Ratio Lower Upper
128 100
129 14.7 8.6 13.0
127 14.6 10.3 15.5

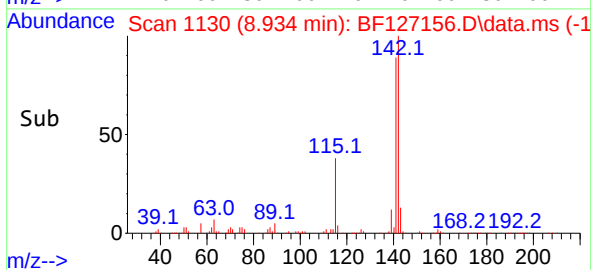
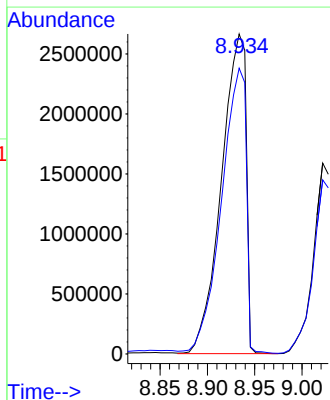
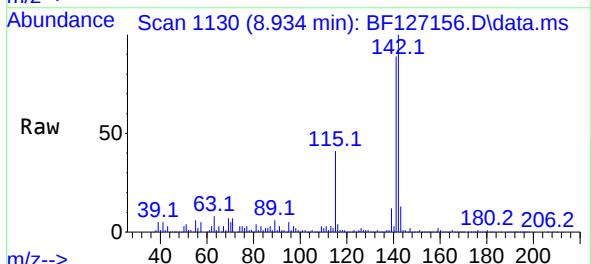
Manual Integrations
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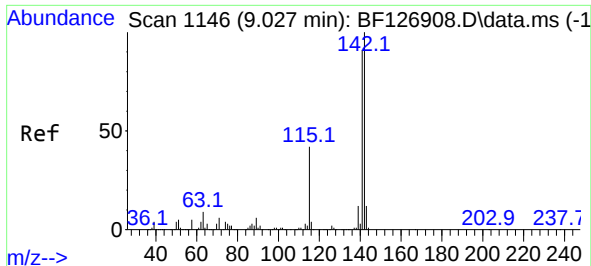
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022



#37
2-Methylnaphthalene
Concen: 559.756 ng
RT: 8.934 min Scan# 1130
Delta R.T. 0.041 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

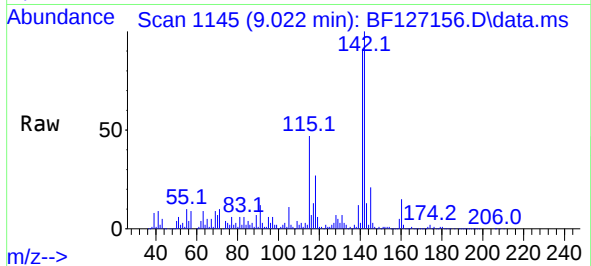
Tgt Ion:142 Resp: 4824917
Ion Ratio Lower Upper
142 100
141 89.3 68.6 102.8





#38
1-Methylnaphthalene
Concen: 313.298 ng
RT: 9.022 min Scan# 1146
Delta R.T. 0.029 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

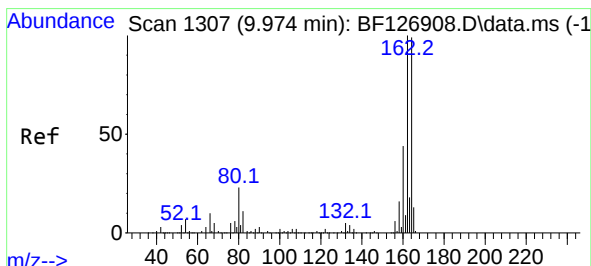
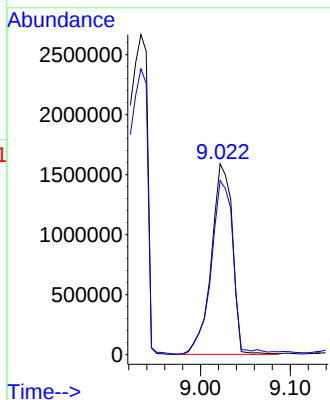
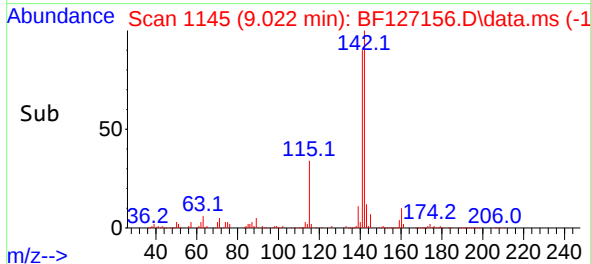
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



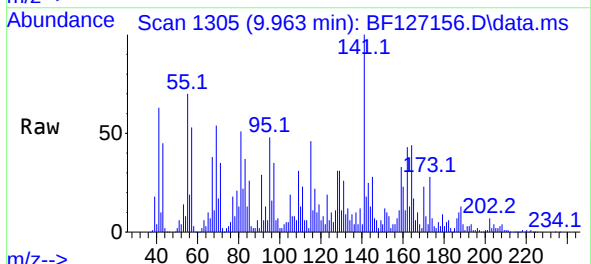
Tgt Ion:142 Resp: 258602
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1

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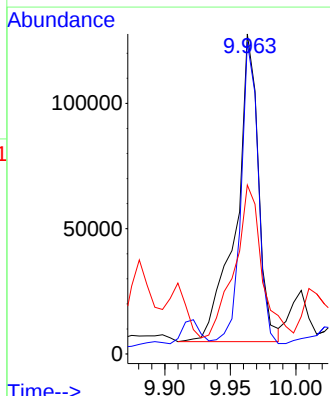
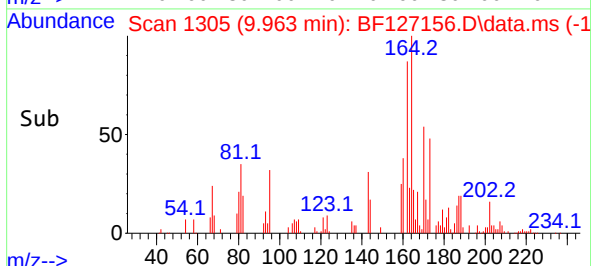
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

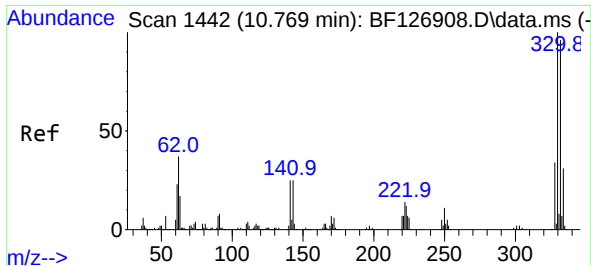


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.024 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35



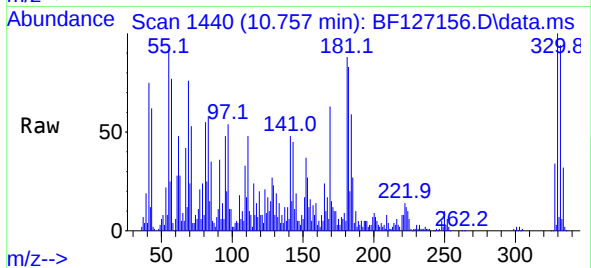
Tgt Ion:164 Resp: 145908
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 52.8 36.6 54.8





#42
2,4,6-Tribromophenol
Concen: 111.375 ng
RT: 10.757 min Scan# 1442
Delta R.T. 0.029 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

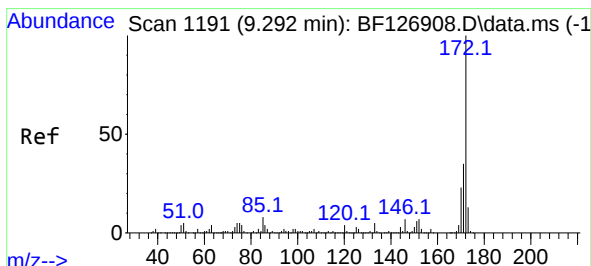
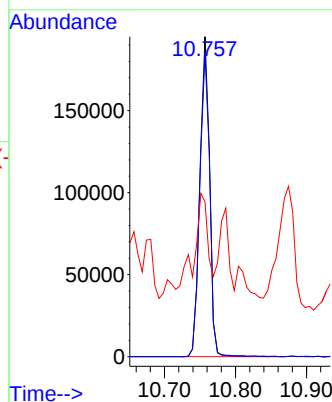
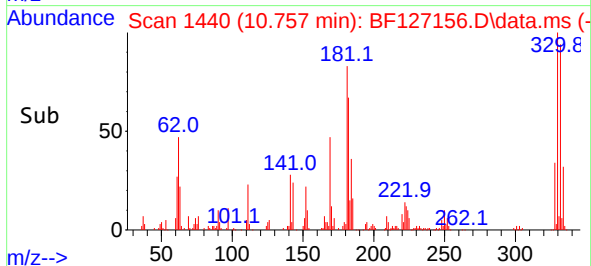
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PPSP-B10-17.5-18.0



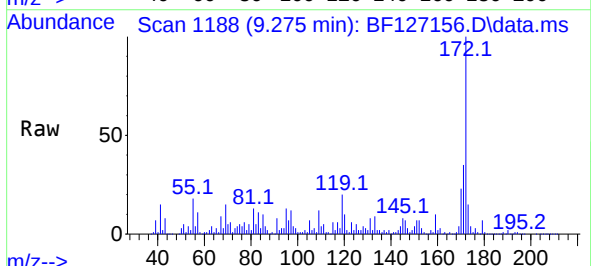
Tgt Ion:330 Resp: 18710
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 39.7 30.1 45.1

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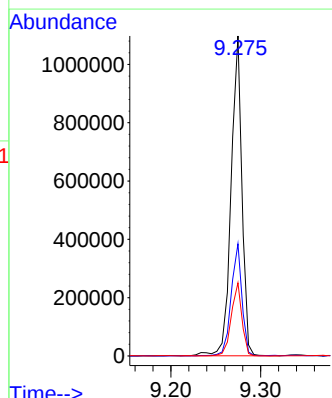
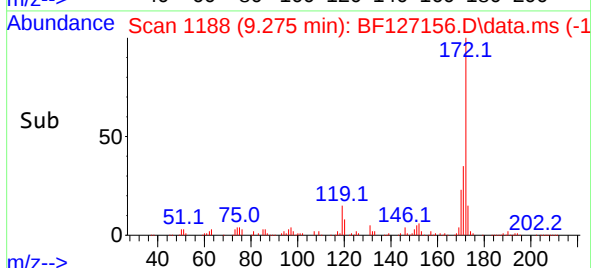
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

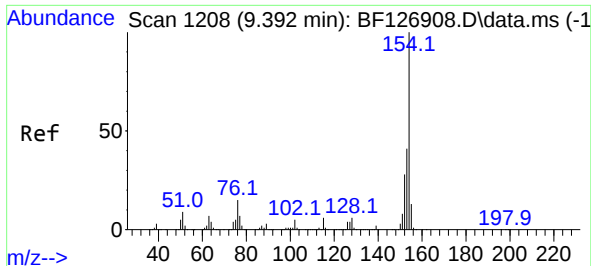


#45
2-Fluorobiphenyl
Concen: 93.245 ng
RT: 9.275 min Scan# 1188
Delta R.T. 0.024 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35



Tgt Ion:172 Resp: 924167
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 19.0 28.6





#46

1,1'-Biphenyl

Concen: 77.320 ng

RT: 9.381 min Scan# 10

Delta R.T. 0.024 min

Lab File: BF127156.D

Acq: 02 Mar 2022 19:35

Instrument :

BNA_F

ClientSampleId :

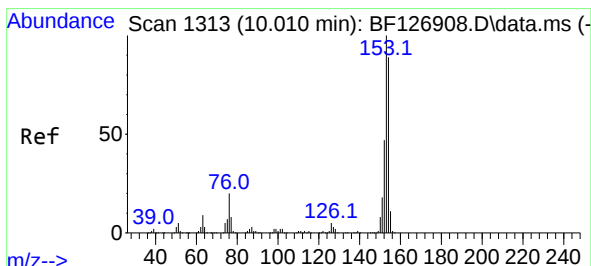
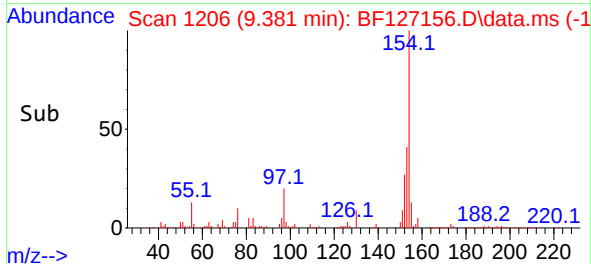
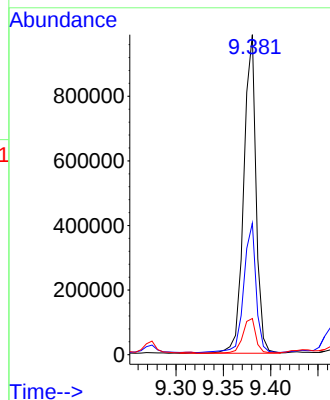
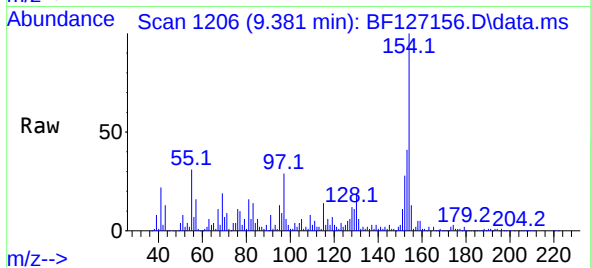
PPSP-B10-17.5-18.0

Tgt Ion:154 Resp: 893815
 Ion Ratio Lower Upper
 154 100
 153 41.1 19.0 59.0
 76 11.3 0.0 34.5

Manual Integrations

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



#52

Acenaphthene

Concen: 24.345 ng

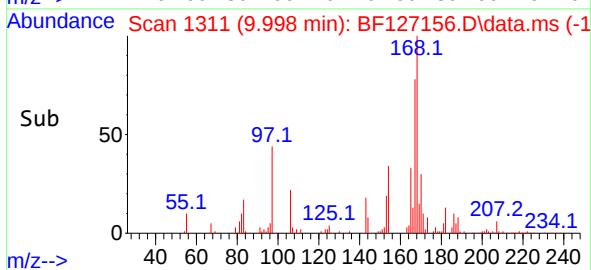
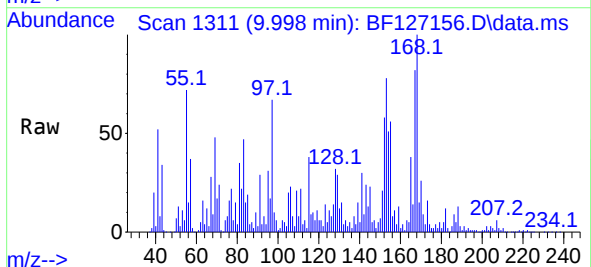
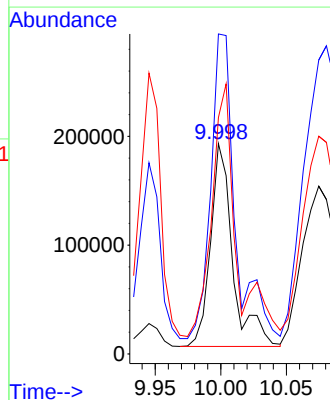
RT: 9.998 min Scan# 1311

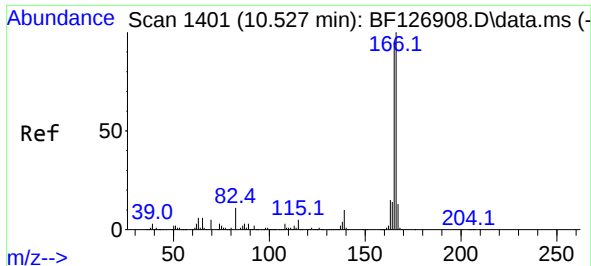
Delta R.T. 0.029 min

Lab File: BF127156.D

Acq: 02 Mar 2022 19:35

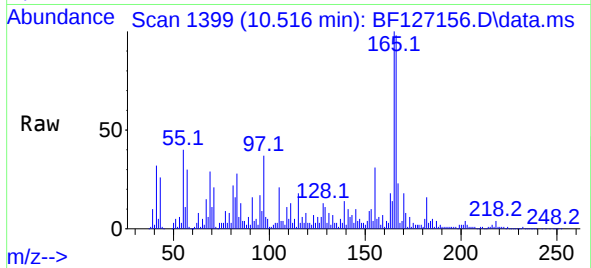
Tgt Ion:154 Resp: 220464
 Ion Ratio Lower Upper
 154 100
 153 152.2 87.8 131.6#
 152 112.5 39.4 59.2#





#58
Fluorene
Concen: 54.344 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

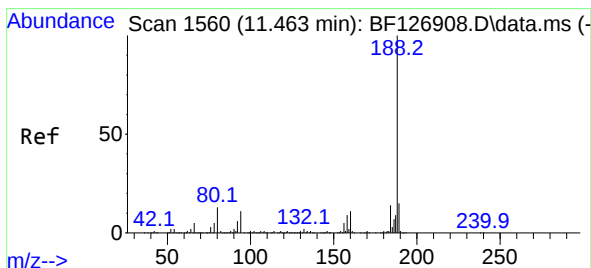
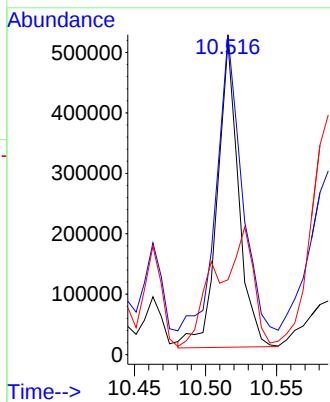
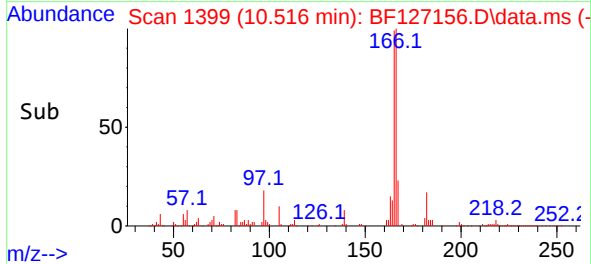
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



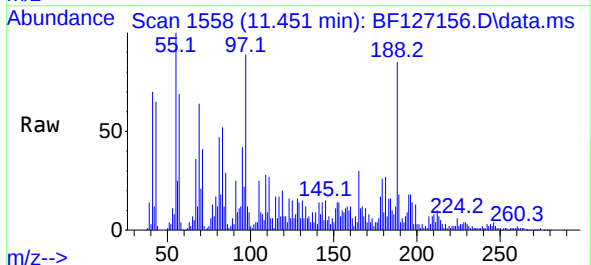
Tgt Ion:166 Resp: 527134
Ion Ratio Lower Upper
166 100
165 102.5 77.7 116.5
167 24.0 10.7 16.1

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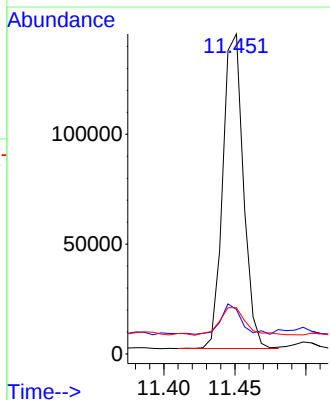
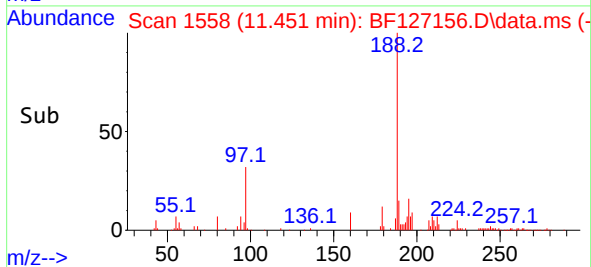
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

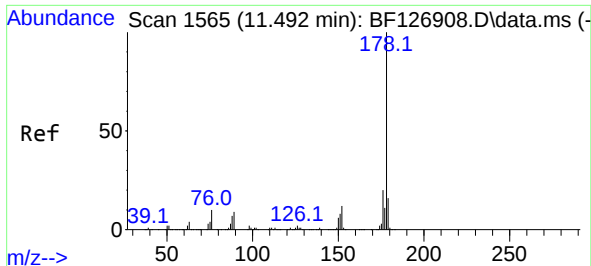


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.024 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35



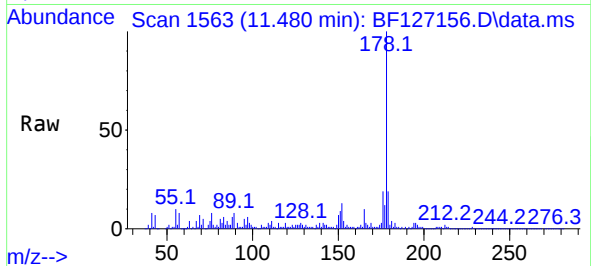
Tgt Ion:188 Resp: 144204
Ion Ratio Lower Upper
188 100
94 13.9 10.1 15.1
80 14.4 11.8 17.6





#71
Phenanthrene
Concen: 167.493 ng m
RT: 11.480 min Scan# 1563
Delta R.T. 0.029 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

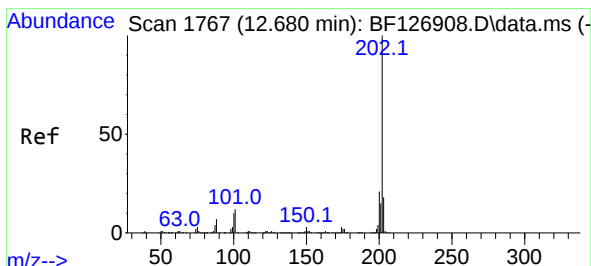
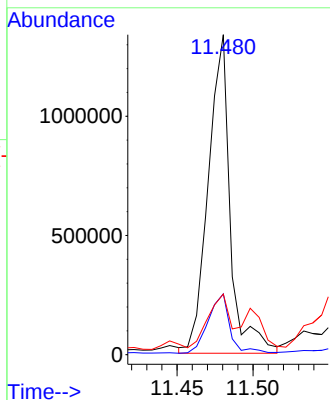
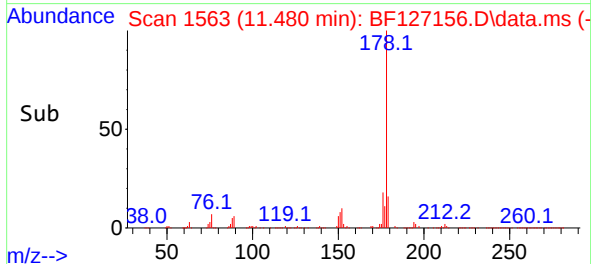
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



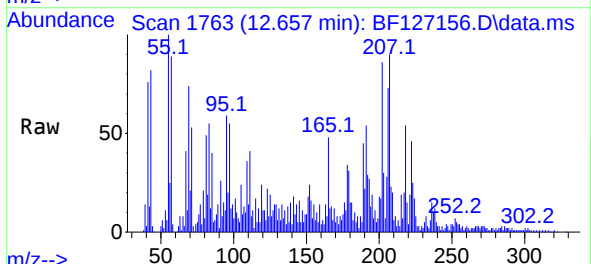
Tgt Ion:178 Resp: 1351890
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 18.9 12.3 18.5

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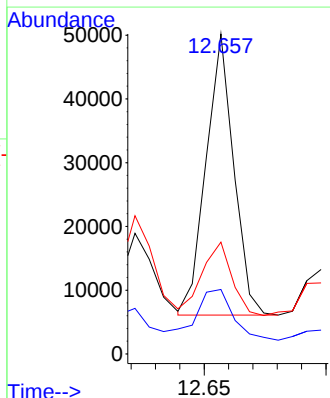
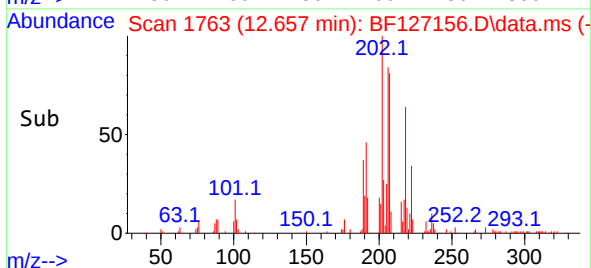
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

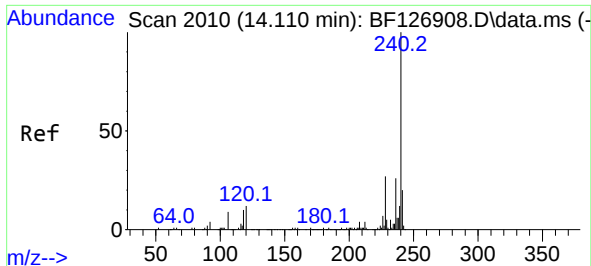


#75
Fluoranthene
Concen: 4.545 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.012 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35



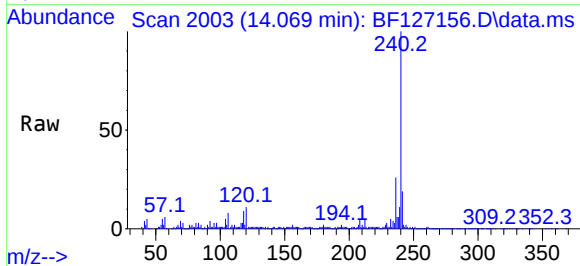
Tgt Ion:202 Resp: 34834
Ion Ratio Lower Upper
202 100
101 20.2 0.0 35.7
203 35.0 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35

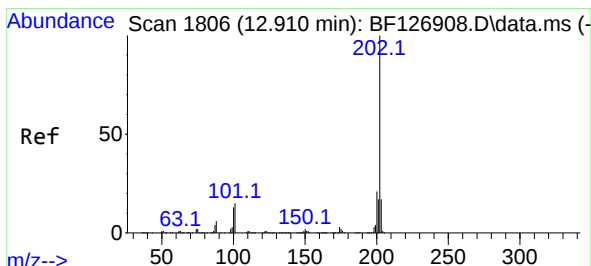
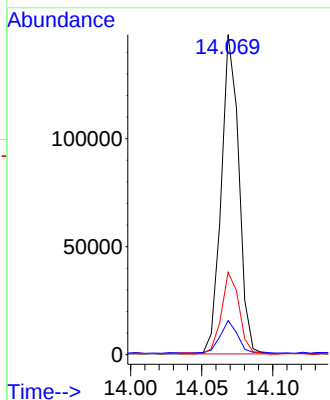
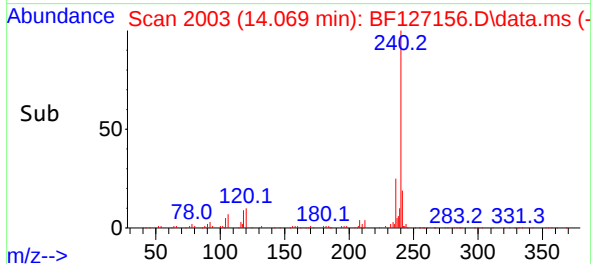
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-17.5-18.0



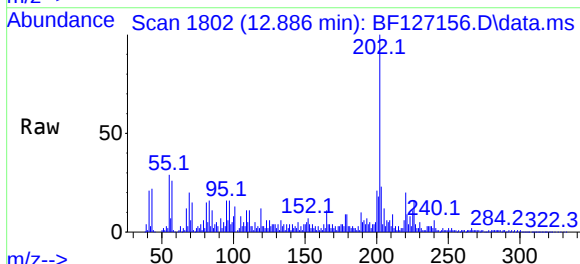
Tgt Ion:240 Resp: 126918
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6
236 25.8 20.5 30.7

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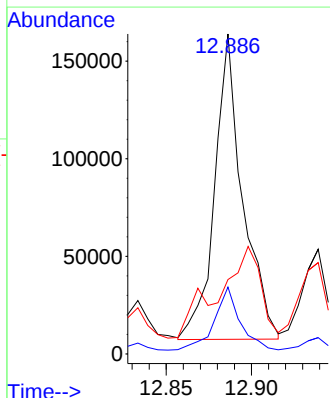
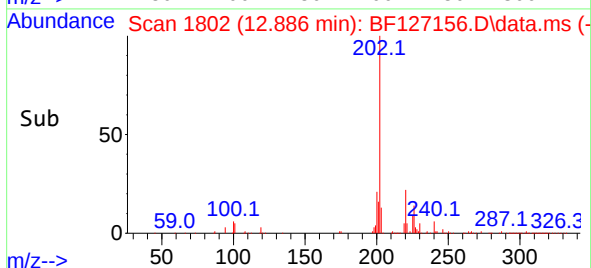
Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/03/2022

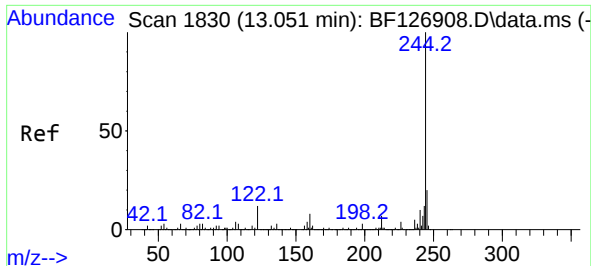


#78
Pyrene
Concen: 16.253 ng
RT: 12.886 min Scan# 1802
Delta R.T. 0.012 min
Lab File: BF127156.D
Acq: 02 Mar 2022 19:35



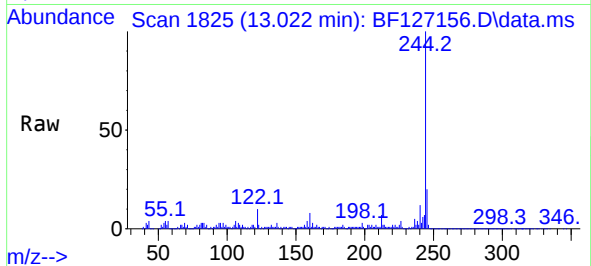
Tgt Ion:202 Resp: 179213
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 23.3 13.8 20.8#





#79
 Terphenyl-d14
 Concen: 85.564 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF127156.D
 Acq: 02 Mar 2022 19:35

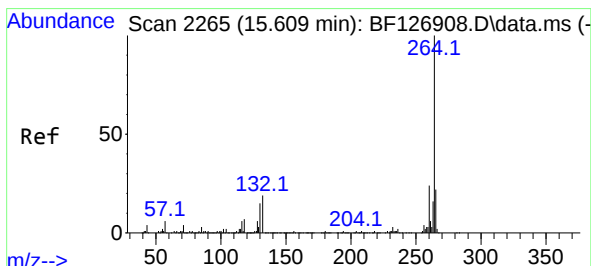
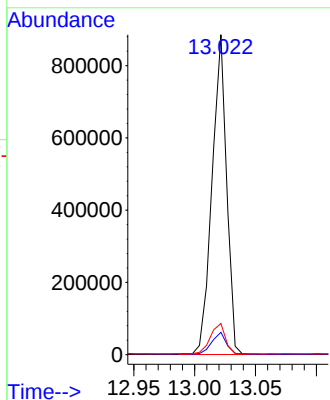
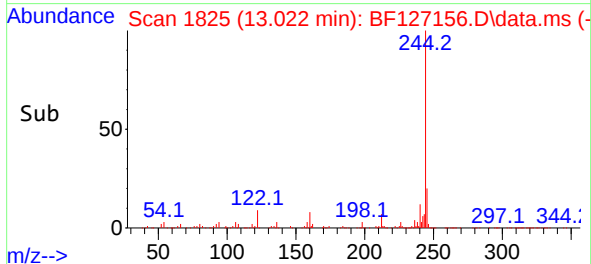
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-17.5-18.0



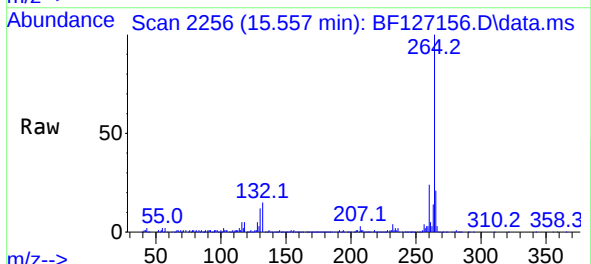
Tgt Ion:244 Resp: 738725
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.7 13.3 19.9

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF127156.D
 Acq: 02 Mar 2022 19:35



Tgt Ion:264 Resp: 150449
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.4 26.2

