

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127404.D
 Acq On : 18 Mar 2022 21:17
 Operator : CG\JU
 Sample : N1709-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-23.5-24.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:53:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	52584	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	142727	20.000	ng	# 0.02
39) Acenaphthene-d10	9.951	164	94555	20.000	ng	# 0.05
64) Phenanthrene-d10	11.439	188	119207	20.000	ng	# 0.05
76) Chrysene-d12	14.045	240	151099	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	168736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	553246	169.134	ng	0.00
7) Phenol-d6	6.498	99	738539	164.127	ng	0.00
23) Nitrobenzene-d5	7.440	82	460477	133.239	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	107635	105.745	ng	0.05
45) 2-Fluorobiphenyl	9.257	172	547013	81.790	ng	0.04
79) Terphenyl-d14	13.004	244	601741	68.575	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	8.187	128	1103134	144.890	ng	# 85
37) 2-Methylnaphthalene	8.916	142	2703193	543.370	ng	98
38) 1-Methylnaphthalene	9.004	142	1747344	365.351	ng	97
46) 1,1'-Biphenyl	9.363	154	644797	90.352	ng	95
52) Acenaphthene	9.986	154	182497	36.013	ng	# 33
58) Fluorene	10.510	166	449582	73.646	ng	# 76
71) Phenanthrene	11.475	178	1603705	254.848	ng	# 95
75) Fluoranthene	12.651	202	68034	9.669	ng	82
78) Pyrene	12.875	202	308258m	26.192	ng	
83) Chrysene	14.057	228	20515m	2.168	ng	

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

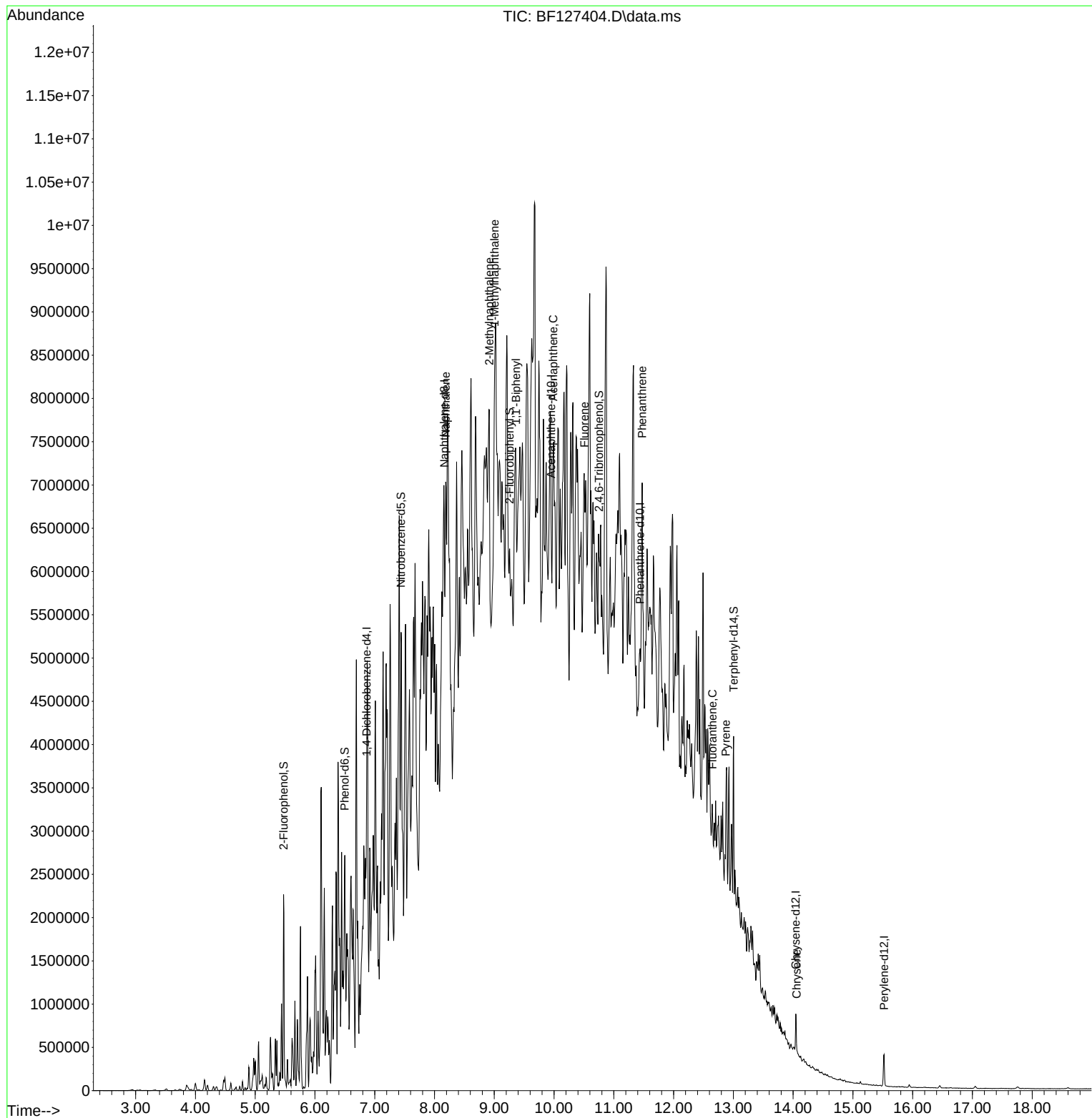
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127404.D
Acq On : 18 Mar 2022 21:17
Operator : CG\JU
Sample : N1709-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

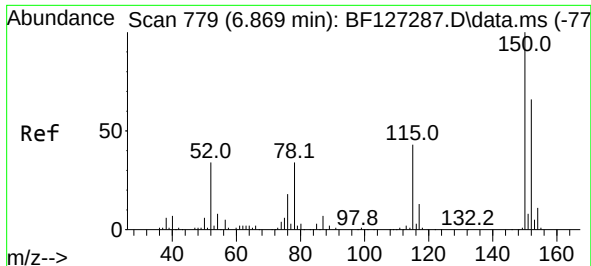
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Time: Mar 19 01:53:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 01:50:04 2022
Response via : Initial Calibration

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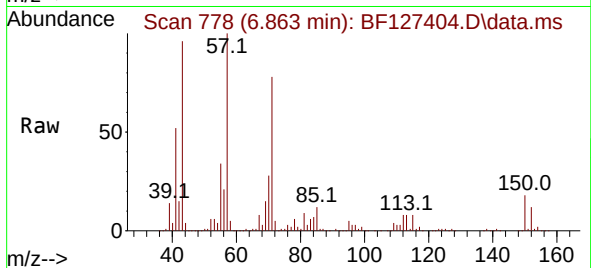
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

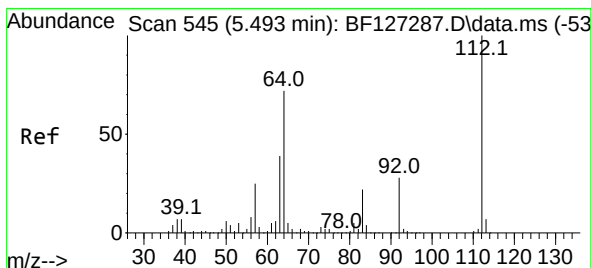
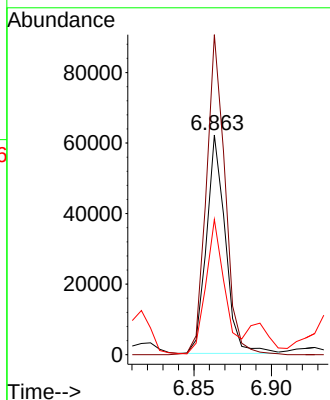
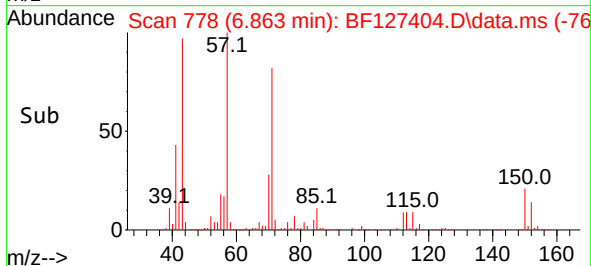
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



Tgt Ion:152 Resp: 52584
Ion Ratio Lower Upper
152 100
150 145.7 128.1 192.1
115 61.6 56.7 85.1

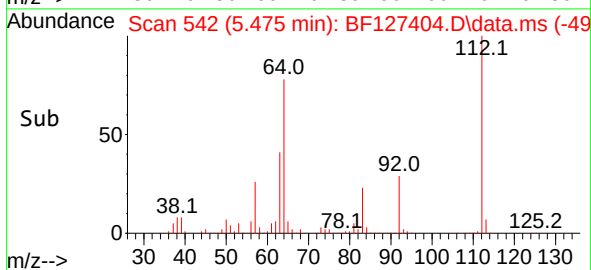
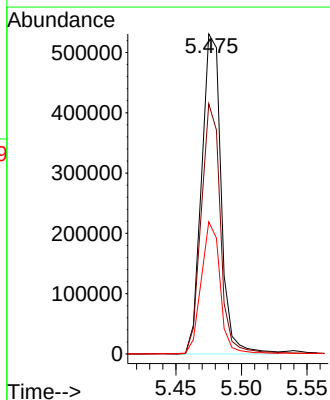
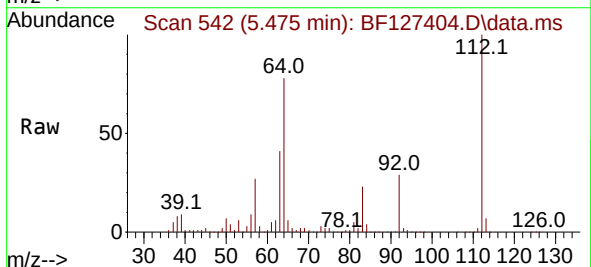
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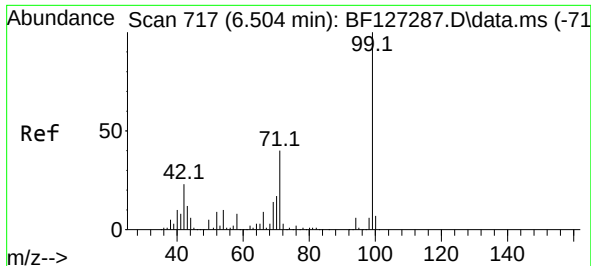
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#5
2-Fluorophenol
Concen: 169.134 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

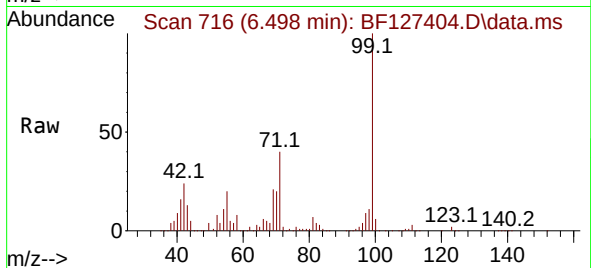
Tgt Ion:112 Resp: 553246
Ion Ratio Lower Upper
112 100
64 78.2 49.5 74.3#
63 41.3 23.9 35.9#





#7
Phenol-d6
Concen: 164.127 ng
RT: 6.498 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

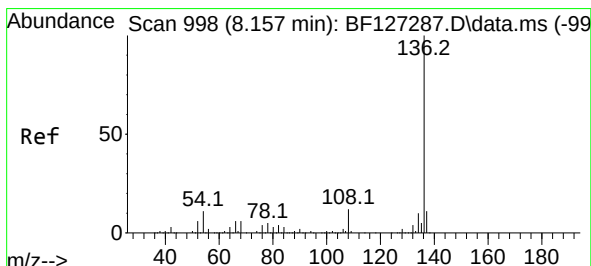
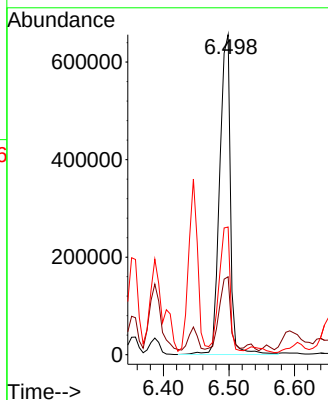
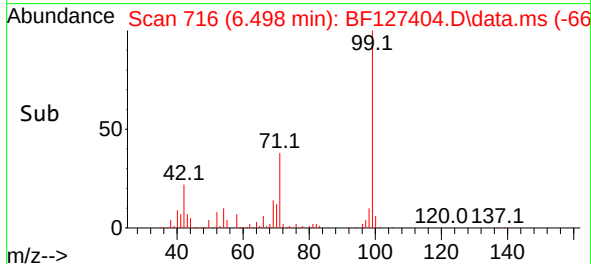
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



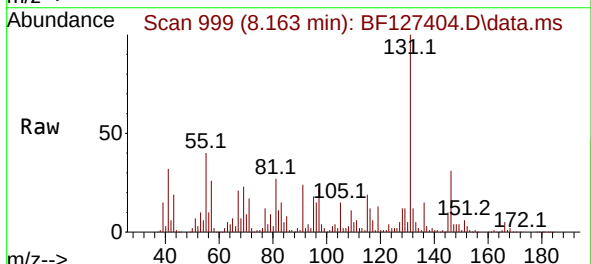
Tgt Ion: 99 Resp: 738539
Ion Ratio Lower Upper
99 100
42 24.3 14.2 21.4#
71 39.9 24.3 36.5#

Manual Integrations
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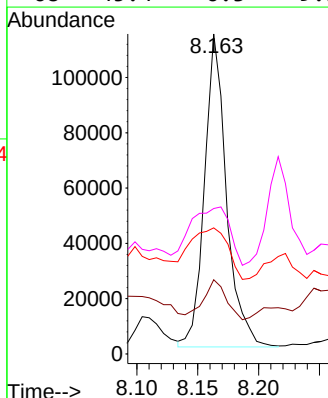
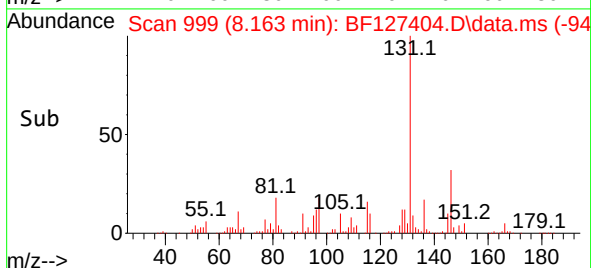
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

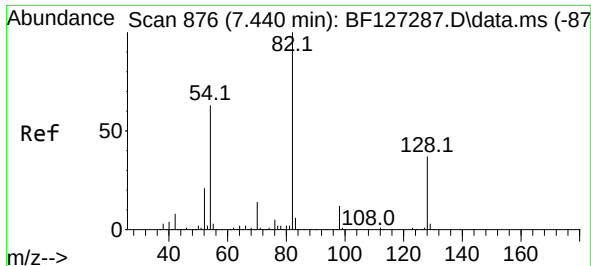


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17



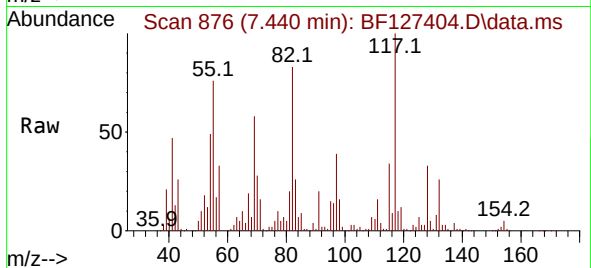
Tgt Ion:136 Resp: 142727
Ion Ratio Lower Upper
136 100
137 23.2 8.6 13.0#
54 39.4 7.8 11.6#
68 45.4 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 133.239 ng
RT: 7.440 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

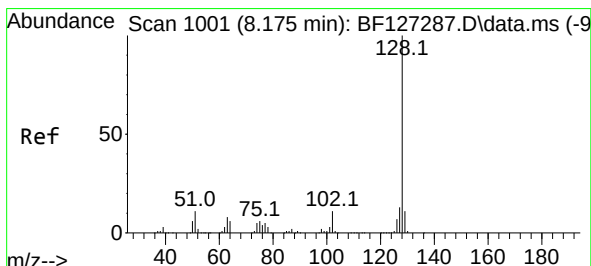
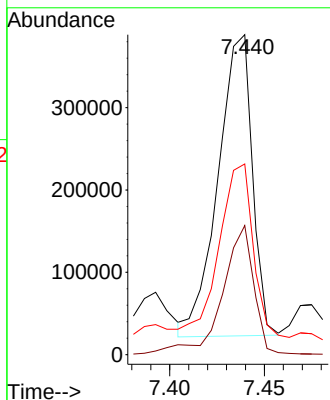
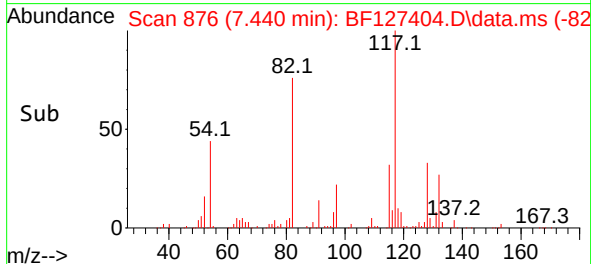
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



Tgt Ion: 82 Resp: 46047
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 59.6 41.7 62.5

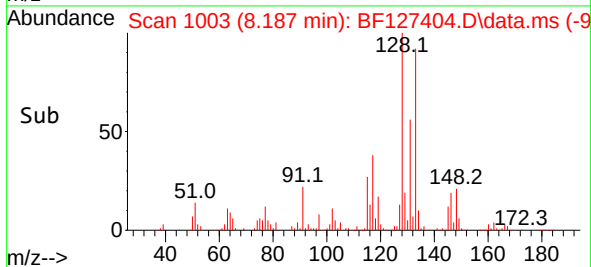
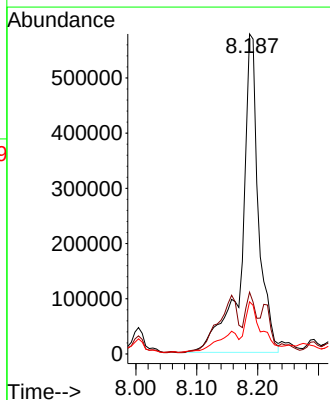
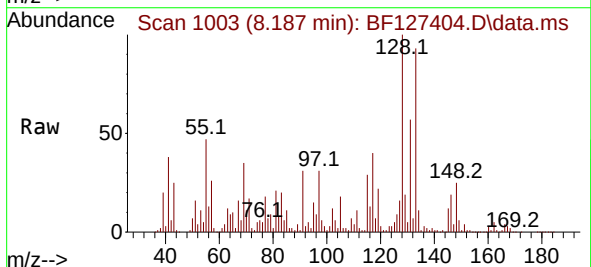
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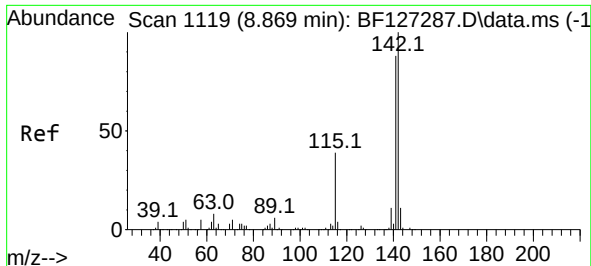
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#31
Naphthalene
Concen: 144.890 ng
RT: 8.187 min Scan# 1003
Delta R.T. 0.018 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

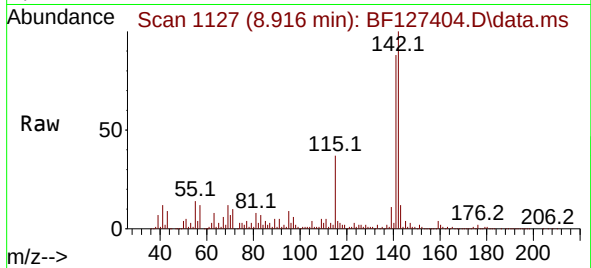
Tgt Ion:128 Resp: 1103134
Ion Ratio Lower Upper
128 100
129 19.3 8.6 13.0#
127 16.3 10.3 15.5#





#37
2-Methylnaphthalene
Concen: 543.370 ng
RT: 8.916 min Scan# 1119
Delta R.T. 0.059 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

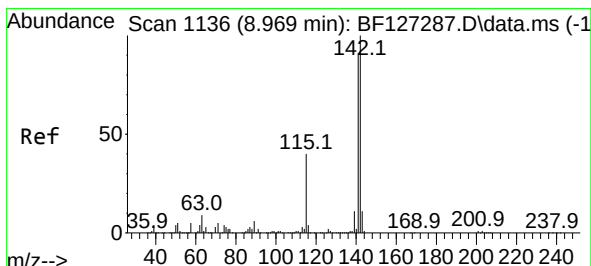
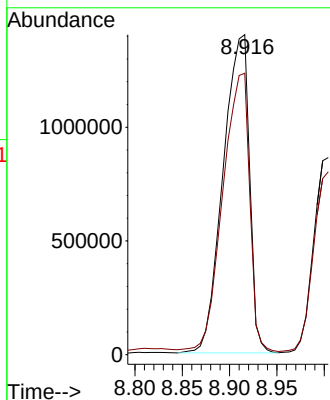
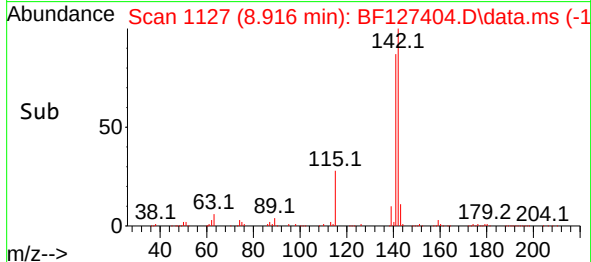
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



Tgt Ion:142 Resp: 270319
Ion Ratio Lower Upper
142 100
141 88.0 68.6 102.8

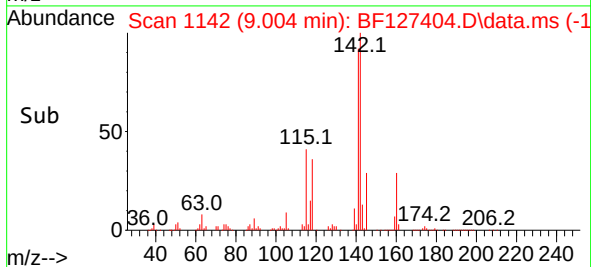
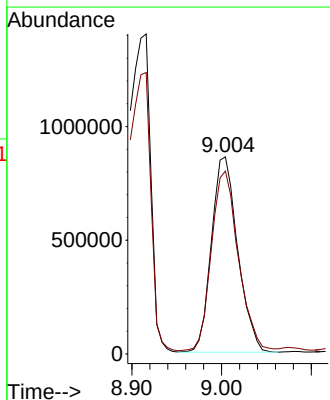
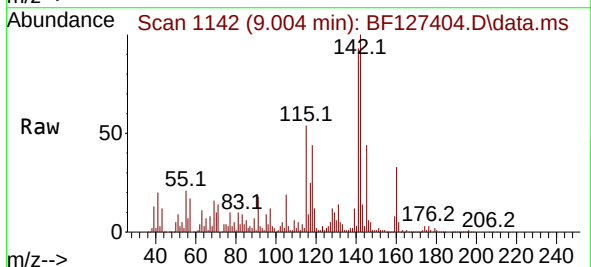
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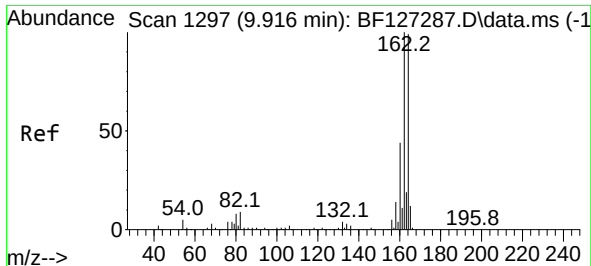
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#38
1-Methylnaphthalene
Concen: 365.351 ng
RT: 9.004 min Scan# 1142
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

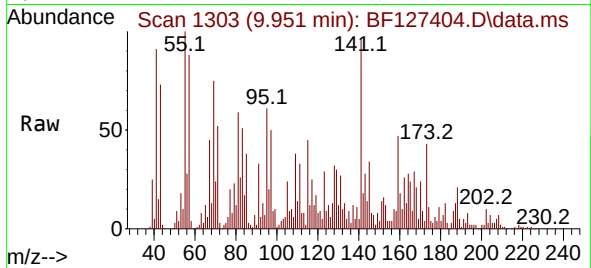
Tgt Ion:142 Resp: 1747344
Ion Ratio Lower Upper
142 100
141 92.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

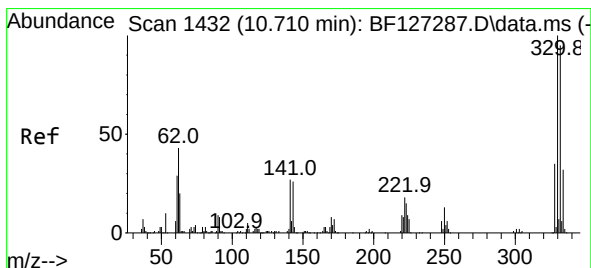
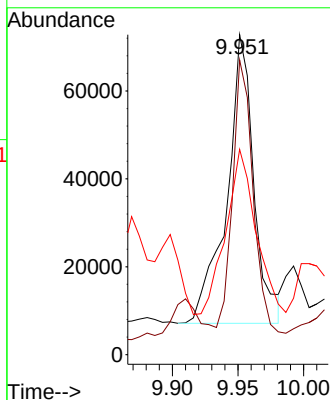
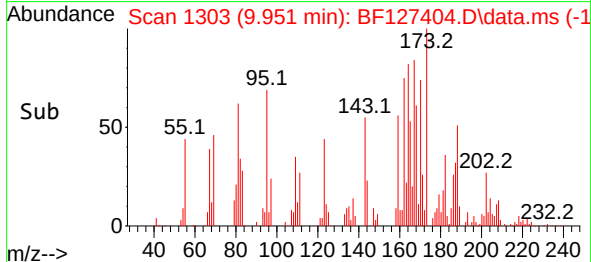
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



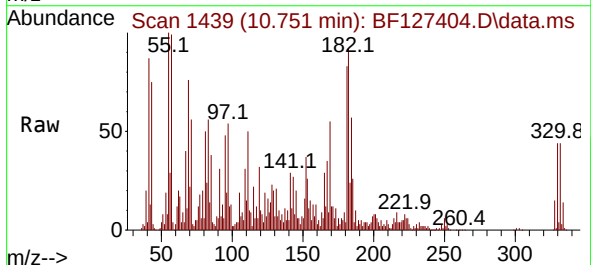
Tgt Ion:164 Resp: 9455
Ion Ratio Lower Upper
164 100
162 92.1 81.4 122.0
160 64.1 36.6 54.8

Manual Integrations
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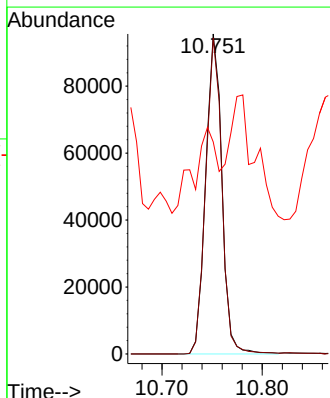
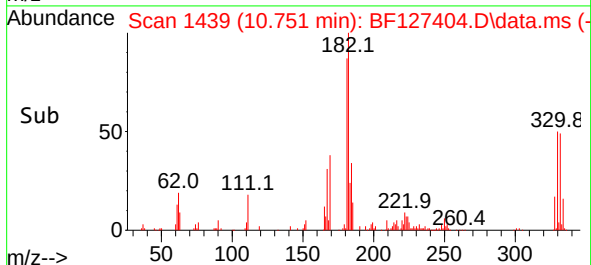
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

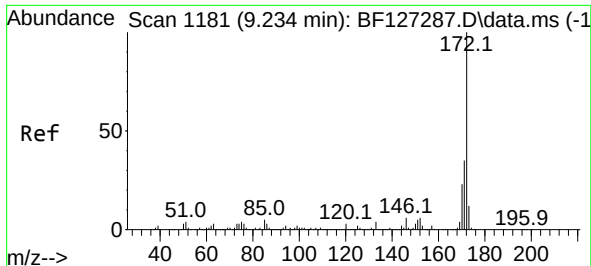


#42
2,4,6-Tribromophenol
Concen: 105.745 ng
RT: 10.751 min Scan# 1439
Delta R.T. 0.053 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17



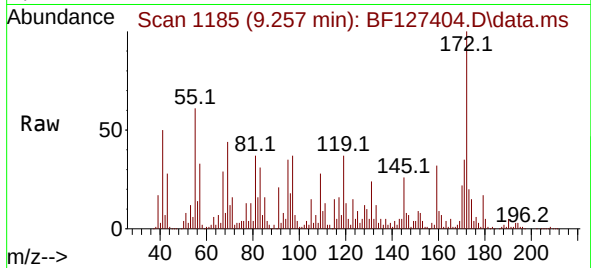
Tgt Ion:330 Resp: 107635
Ion Ratio Lower Upper
330 100
332 98.4 76.0 114.0
141 37.7 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 81.790 ng
RT: 9.257 min Scan# 1181
Delta R.T. 0.035 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

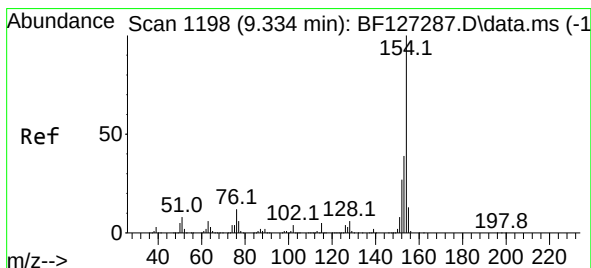
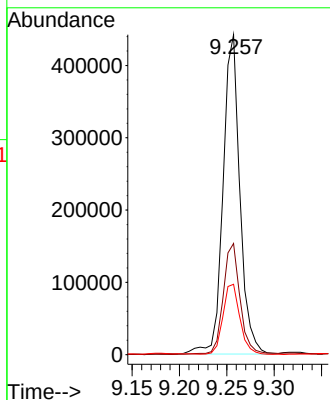
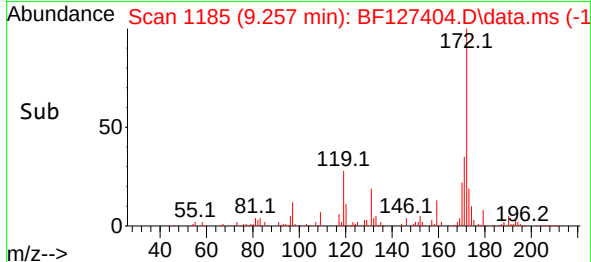
Instrument :
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ClientSampleId :
PPSP-B17-23.5-24.0



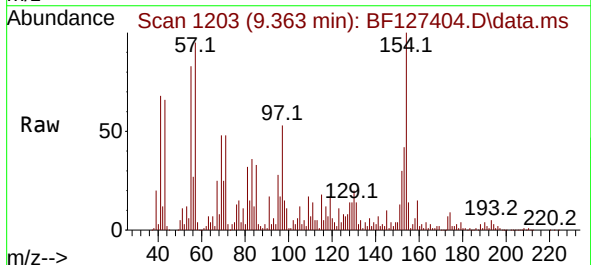
Tgt Ion:172 Resp: 547011
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.0 19.0 28.6

Manual Integrations
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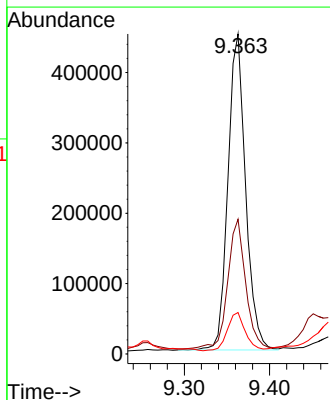
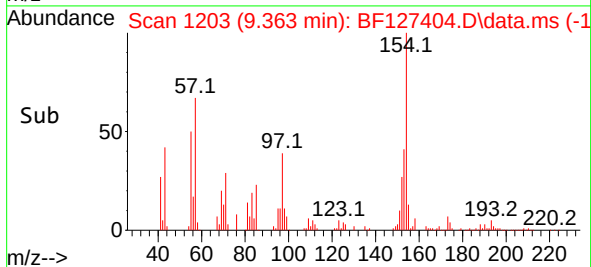
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

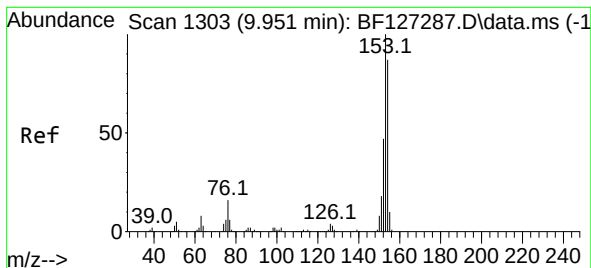


#46
1,1'-Biphenyl
Concen: 90.352 ng
RT: 9.363 min Scan# 1203
Delta R.T. 0.041 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17



Tgt Ion:154 Resp: 644797
Ion Ratio Lower Upper
154 100
153 42.1 19.0 59.0
76 13.0 0.0 34.5





#52

Acenaphthene

Concen: 36.013 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.047 min

Lab File: BF127404.D

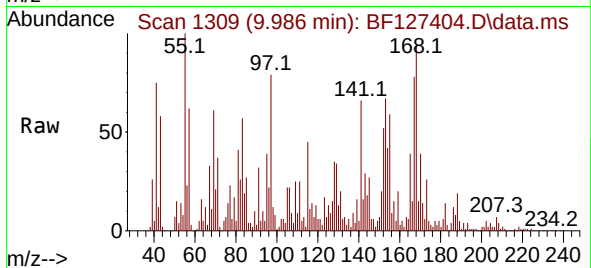
Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0



Tgt Ion:154 Resp: 18249

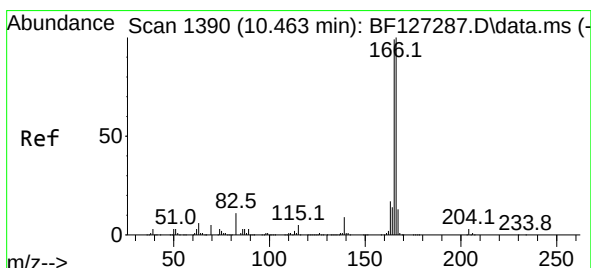
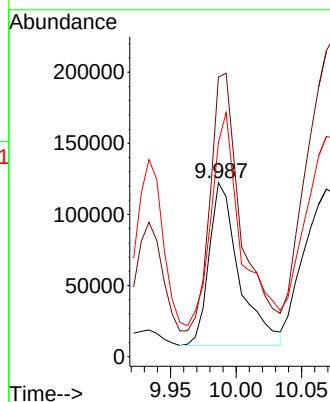
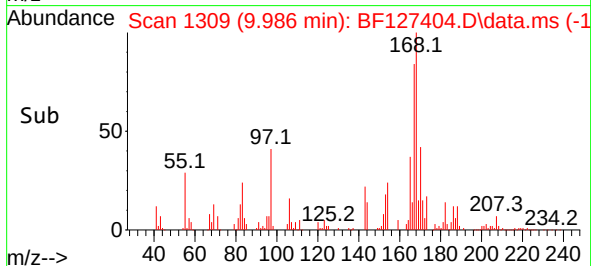
Ion	Ratio	Lower	Upper
154	100		
153	160.5	87.8	131.6
152	123.1	39.4	59.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#58

Fluorene

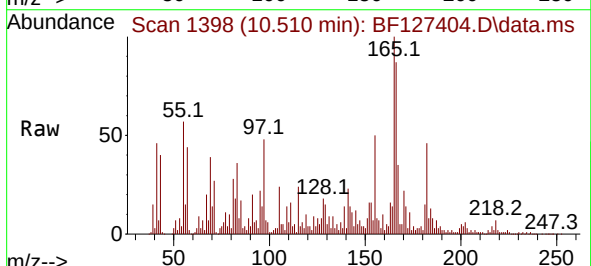
Concen: 73.646 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.059 min

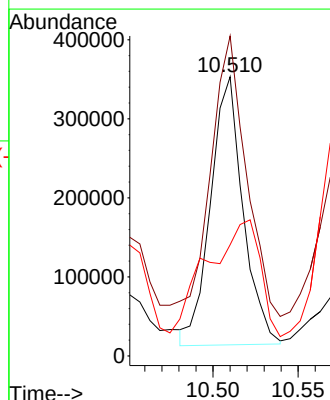
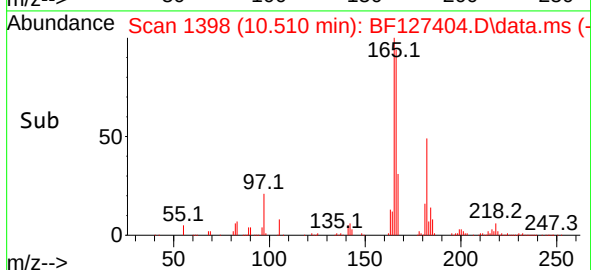
Lab File: BF127404.D

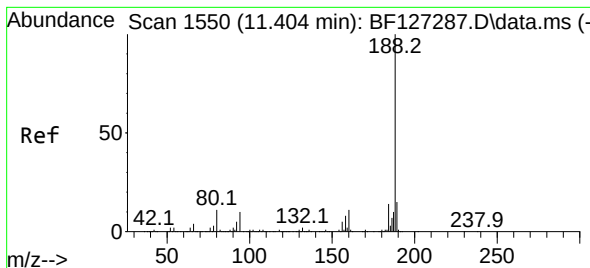
Acq: 18 Mar 2022 21:17



Tgt Ion:166 Resp: 449582

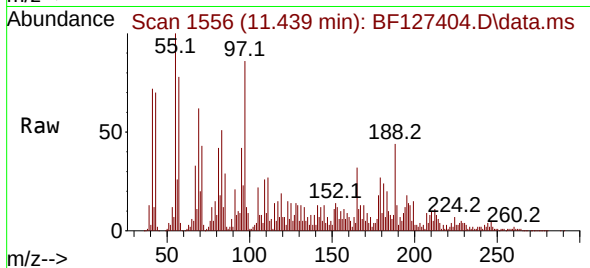
Ion	Ratio	Lower	Upper
166	100		
165	114.6	77.7	116.5
167	39.8	10.7	16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.047 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

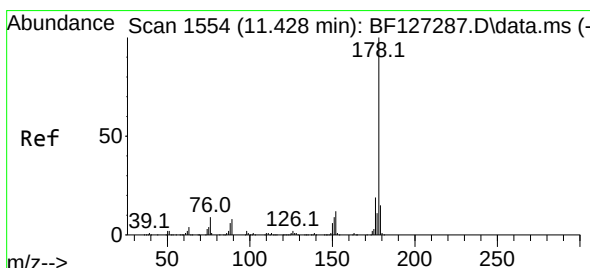
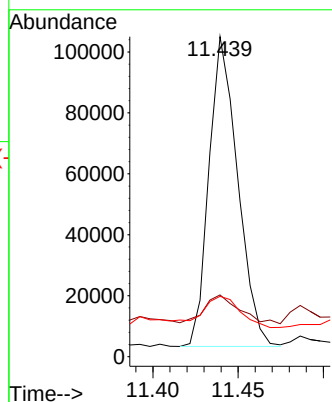
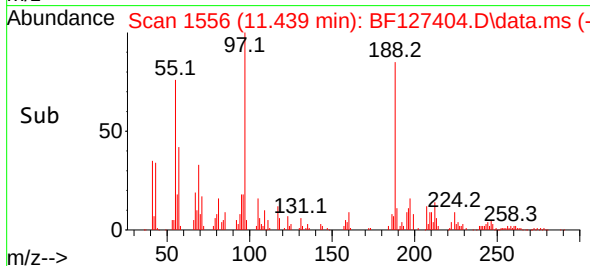
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



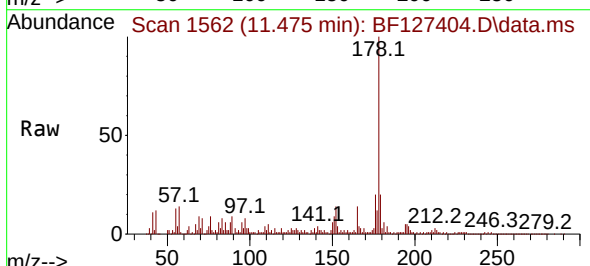
Tgt Ion:188 Resp: 11920
Ion Ratio Lower Upper
188 100
94 19.3 10.1 15.1
80 18.8 11.8 17.6

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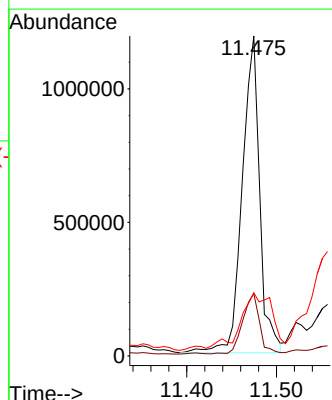
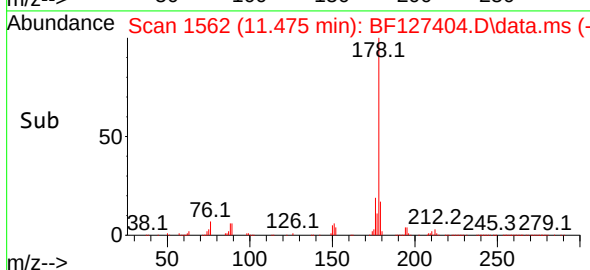
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

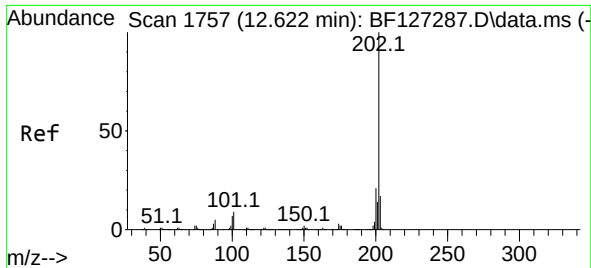


#71
Phenanthrene
Concen: 254.848 ng
RT: 11.475 min Scan# 1562
Delta R.T. 0.053 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17



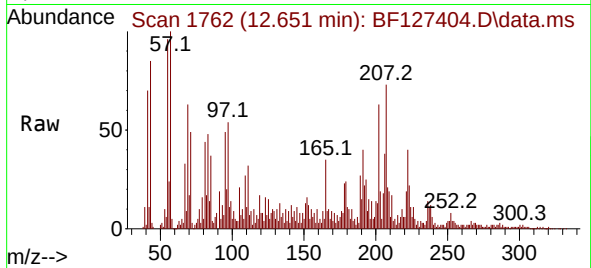
Tgt Ion:178 Resp: 1603705
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 19.7 12.3 18.5





#75
Fluoranthene
Concen: 9.669 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

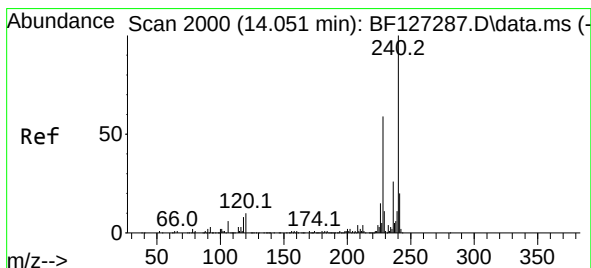
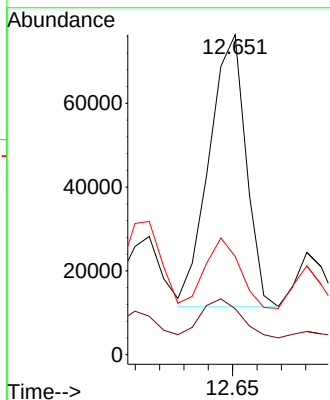
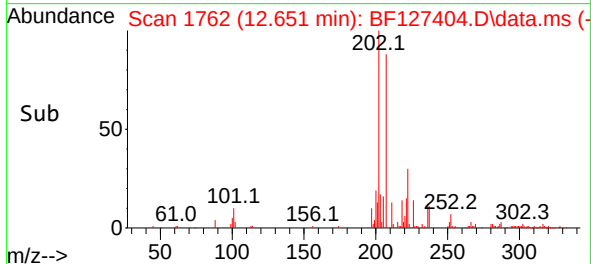
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0



Tgt Ion:202 Resp: 68034
Ion Ratio Lower Upper
202 100
101 14.4 0.0 35.7
203 30.7 0.0 37.1

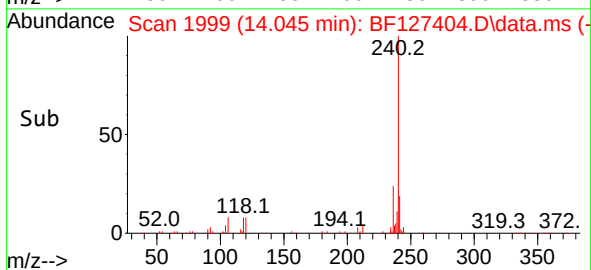
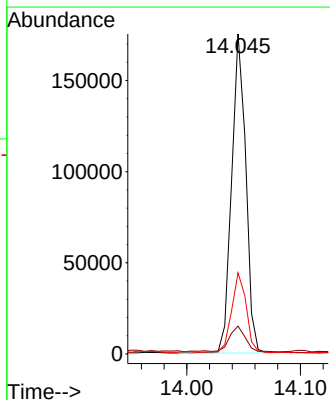
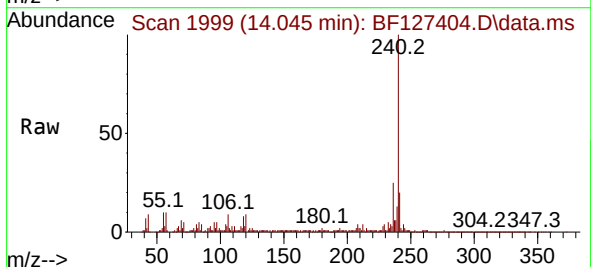
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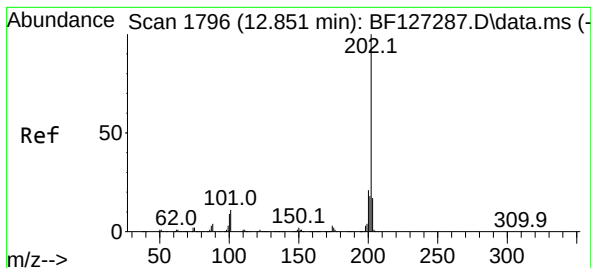
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:240 Resp: 151099
Ion Ratio Lower Upper
240 100
120 8.7 14.4 21.6#
236 25.3 20.5 30.7





#78

Pyrene

Concen: 26.192 ng m

RT: 12.875 min Scan# 1800

Delta R.T. 0.035 min

Lab File: BF127404.D

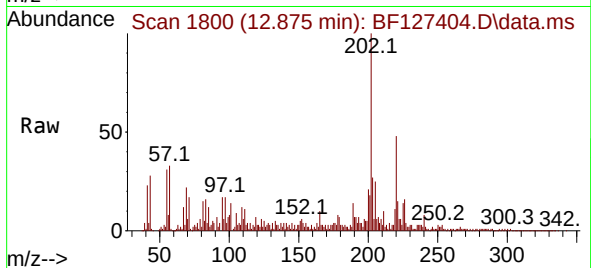
Acq: 18 Mar 2022 21:17

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-23.5-24.0



Tgt Ion:202 Resp: 30825

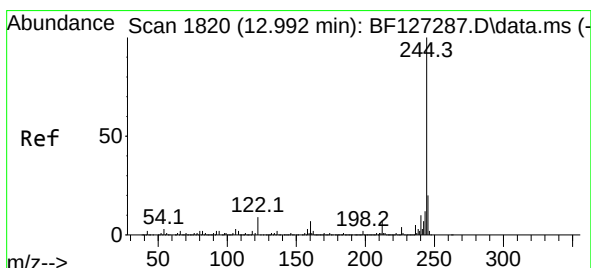
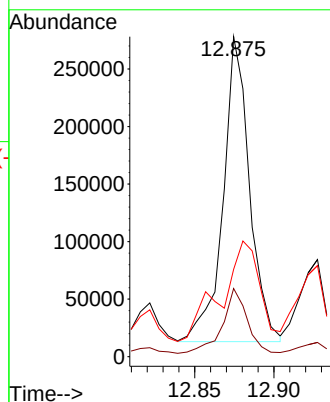
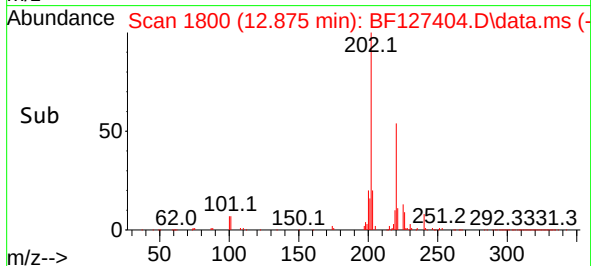
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	27.3	13.8	20.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#79

Terphenyl-d14

Concen: 68.575 ng

RT: 13.004 min Scan# 1822

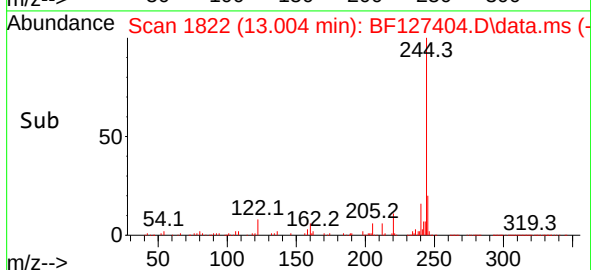
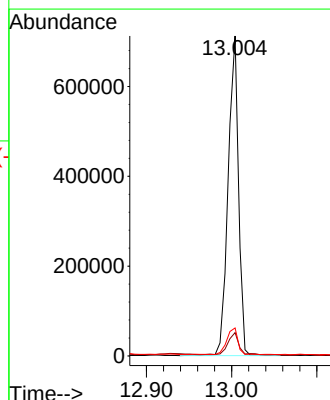
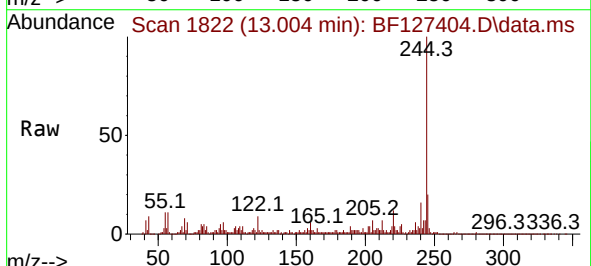
Delta R.T. 0.024 min

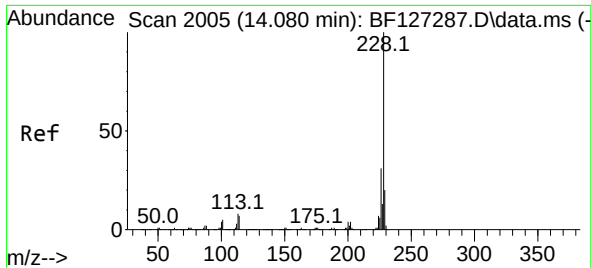
Lab File: BF127404.D

Acq: 18 Mar 2022 21:17

Tgt Ion:244 Resp: 601741

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.0	7.4
122	8.7	13.3	19.9





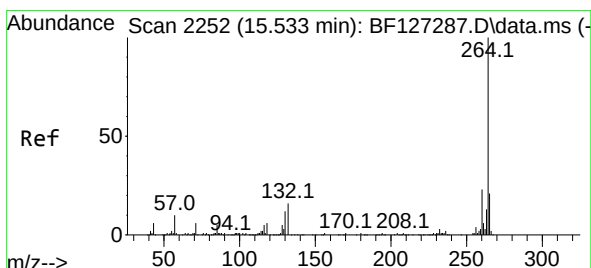
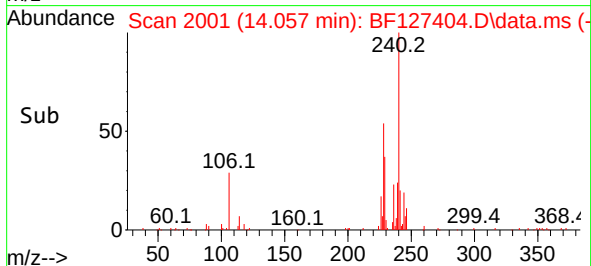
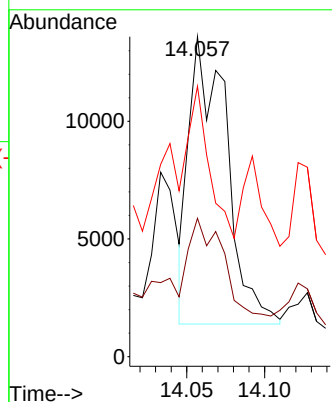
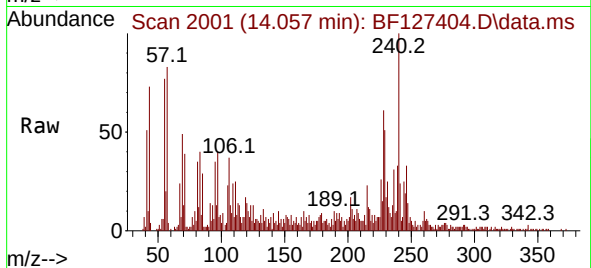
#83
Chrysene
Concen: 2.168 ng m
RT: 14.057 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Instrument :
BNA_F
ClientSampleId :
PPSP-B17-23.5-24.0

Tgt Ion:228 Resp: 2051
Ion Ratio Lower Upper
228 100
226 43.3 23.7 35.5
229 84.5 15.5 23.3

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BF127404.D
Acq: 18 Mar 2022 21:17

Tgt Ion:264 Resp: 168736
Ion Ratio Lower Upper
264 100
260 22.2 19.2 28.8
265 21.6 17.4 26.2

