

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127405.D
 Acq On : 18 Mar 2022 21:47
 Operator : CG\JU
 Sample : N1708-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B15-25.0-25.5

Quant Time: Mar 19 01:53:28 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	41403	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	130148	20.000	ng	# 0.02
39) Acenaphthene-d10	9.945	164	96754	20.000	ng	# 0.04
64) Phenanthrene-d10	11.427	188	107850	20.000	ng	# 0.04
76) Chrysene-d12	14.045	240	110947	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	115792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	281240	109.198	ng	0.00
7) Phenol-d6	6.492	99	380895	107.506	ng	0.00
23) Nitrobenzene-d5	7.434	82	288862	91.661	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	68512	65.779	ng	0.04
45) 2-Fluorobiphenyl	9.251	172	387992	56.694	ng	0.03
79) Terphenyl-d14	12.992	244	399973	62.078	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.192	128	1762818	253.913	ng	# 96
37) 2-Methylnaphthalene	8.916	142	3817497	841.524	ng	97
38) 1-Methylnaphthalene	8.998	142	2071960	475.097	ng	97
46) 1,1'-Biphenyl	9.351	154	250090	34.248	ng	96
52) Acenaphthene	9.981	154	164767	31.775	ng	# 33
58) Fluorene	10.498	166	452810	72.489	ng	# 91
71) Phenanthrene	11.463	178	1249570	219.482	ng	# 95
75) Fluoranthene	12.639	202	41393	6.503	ng	80
78) Pyrene	12.869	202	192033m	22.222	ng	

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

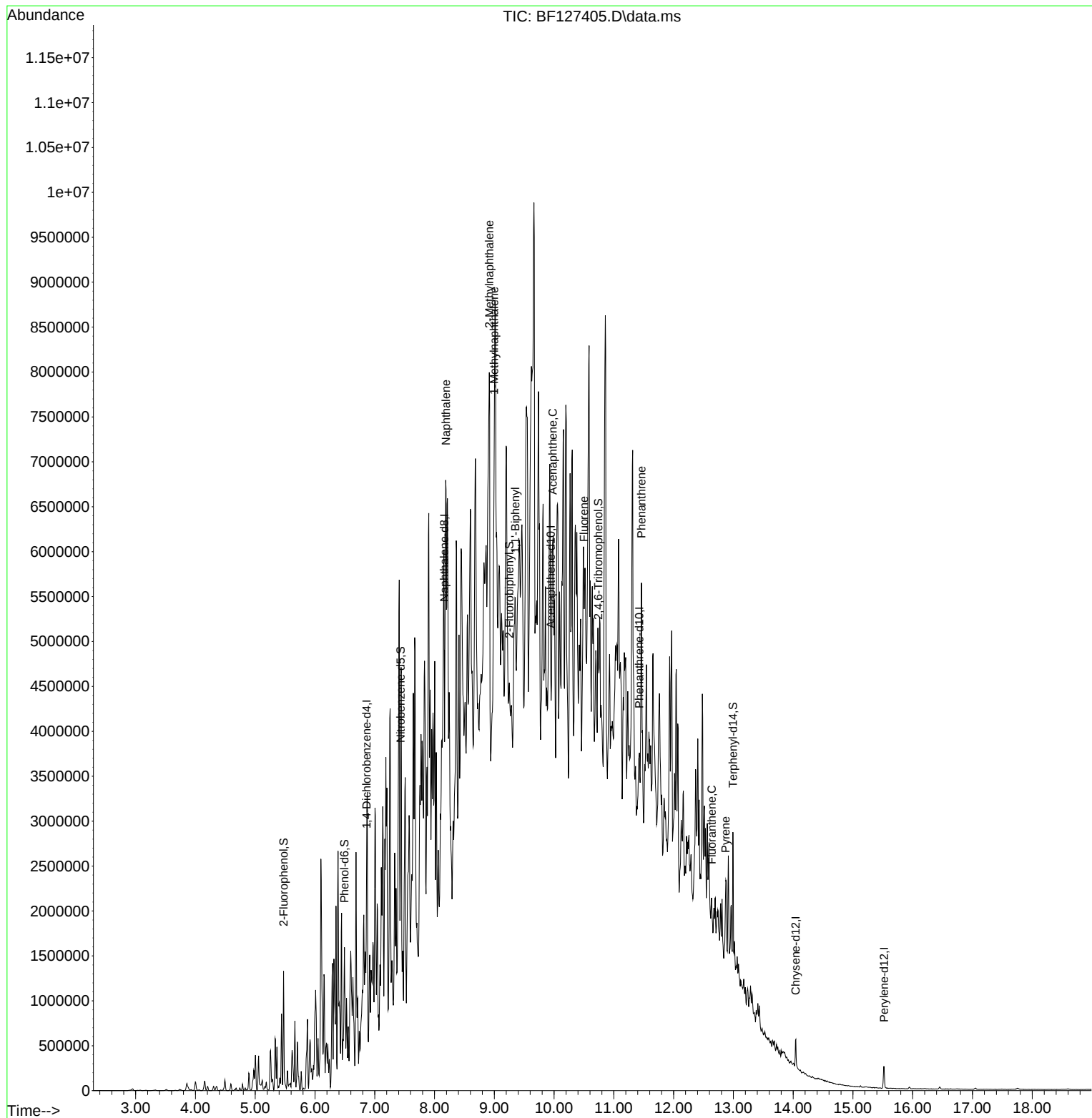
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127405.D
Acq On : 18 Mar 2022 21:47
Operator : CG\JU
Sample : N1708-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

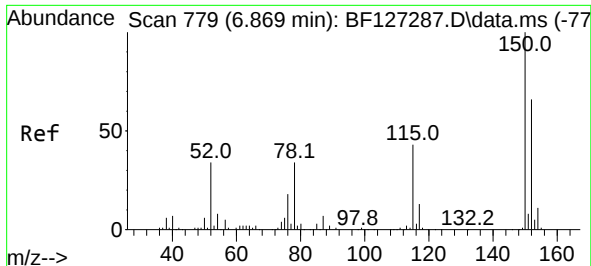
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5

Quant Time: Mar 19 01:53:28 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
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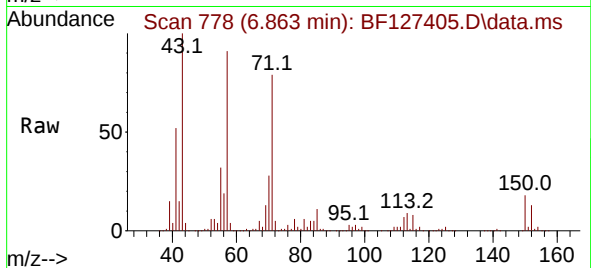
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

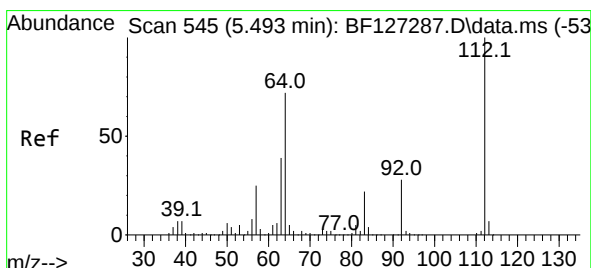
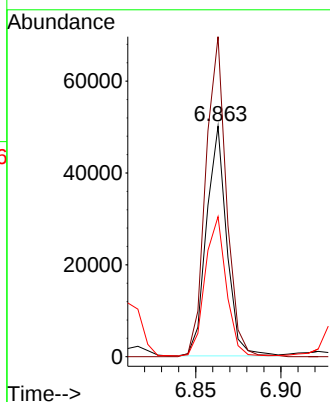
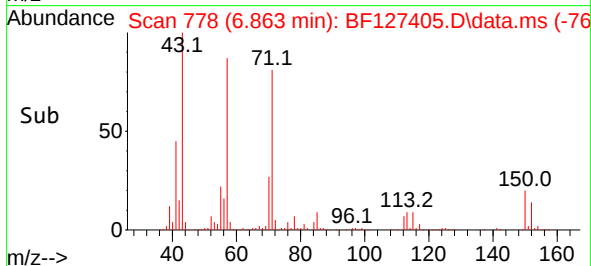
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:152 Resp: 4140
Ion Ratio Lower Upper
152 100
150 138.8 128.1 192.1
115 60.7 56.7 85.1

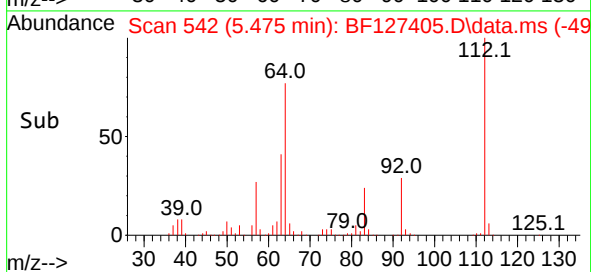
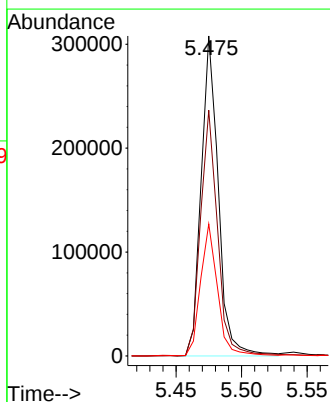
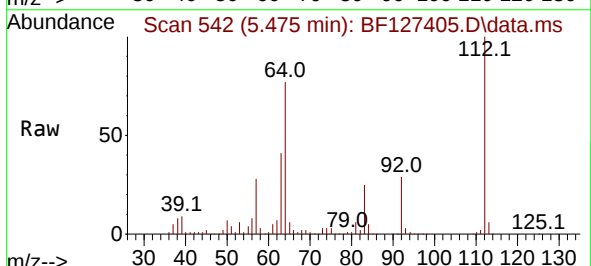
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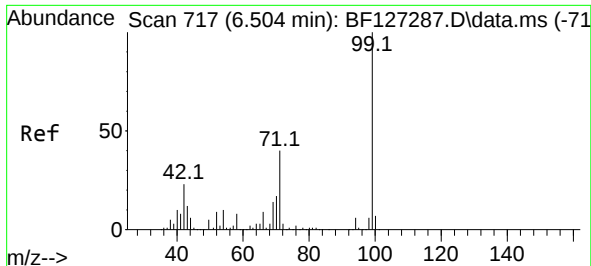
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#5
2-Fluorophenol
Concen: 109.198 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

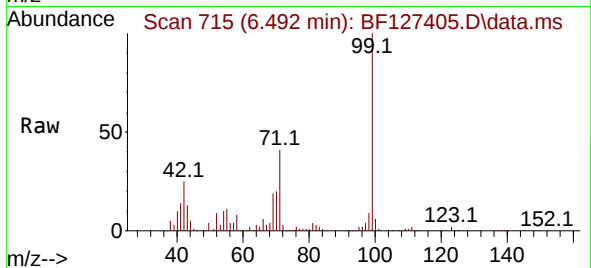
Tgt Ion:112 Resp: 281240
Ion Ratio Lower Upper
112 100
64 76.8 49.5 74.3#
63 41.3 23.9 35.9#





#7
Phenol-d6
Concen: 107.506 ng
RT: 6.492 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

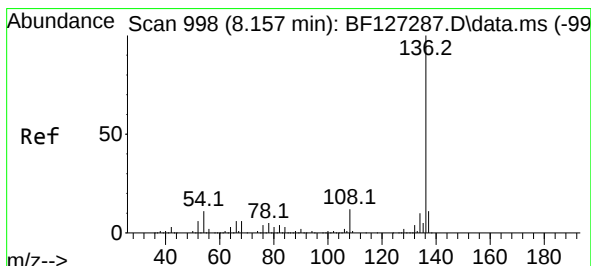
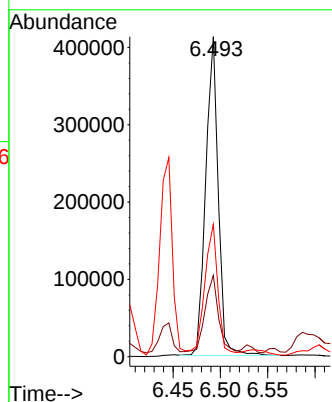
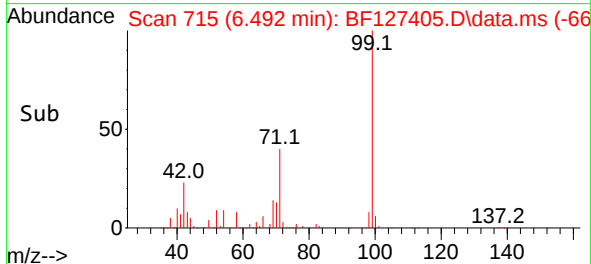
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion: 99 Resp: 38089
Ion Ratio Lower Upper
99 100
42 25.4 14.2 21.4#
71 41.3 24.3 36.5#

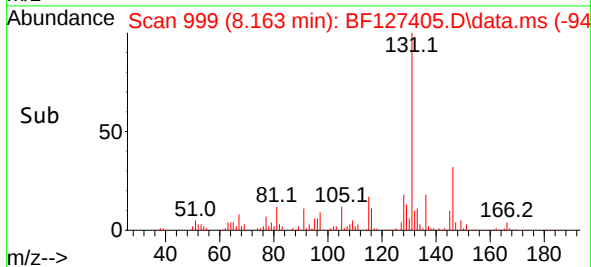
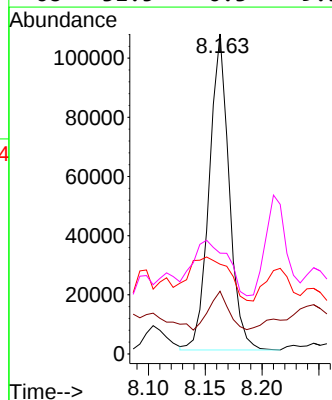
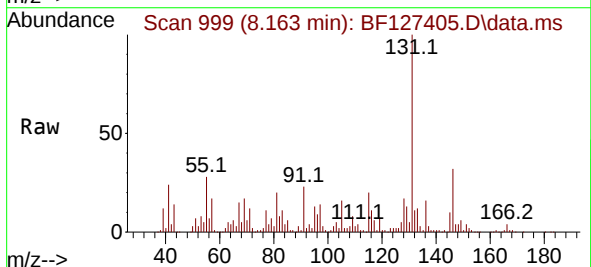
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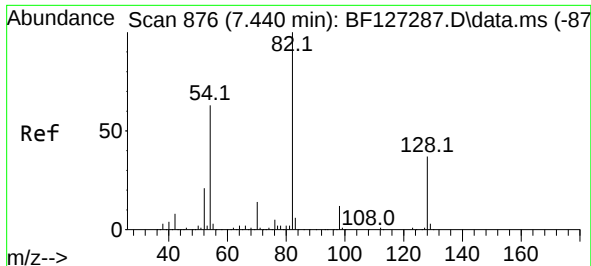
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

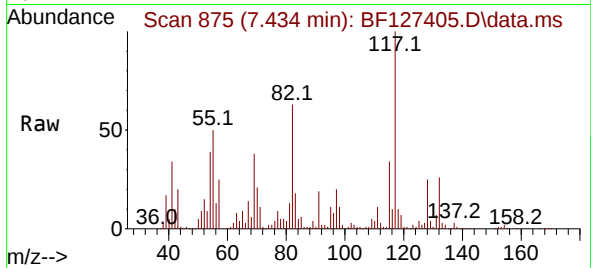
Tgt Ion:136 Resp: 130148
Ion Ratio Lower Upper
136 100
137 19.6 8.6 13.0#
54 28.1 7.8 11.6#
68 31.5 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 91.661 ng
RT: 7.434 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

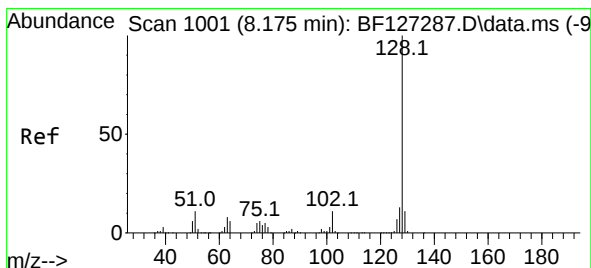
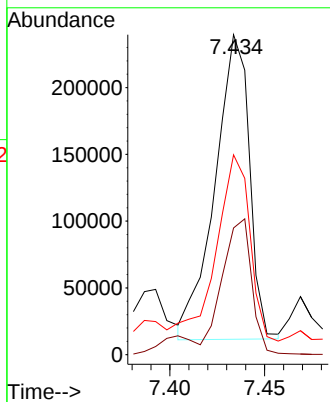
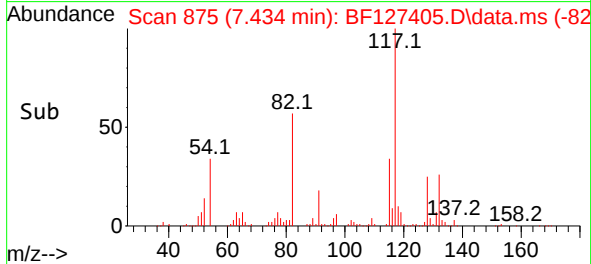
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion: 82 Resp: 288862
Ion Ratio Lower Upper
82 100
128 39.6 32.7 49.1
54 62.4 41.7 62.5

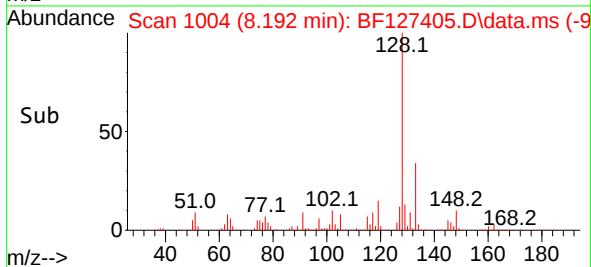
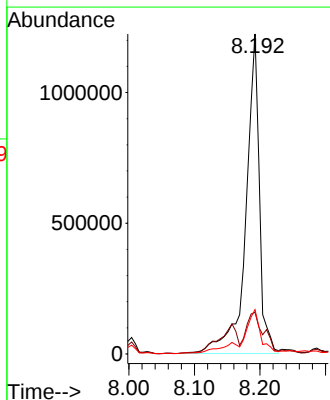
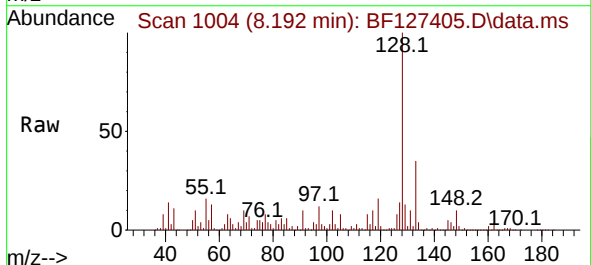
Manual Integrations
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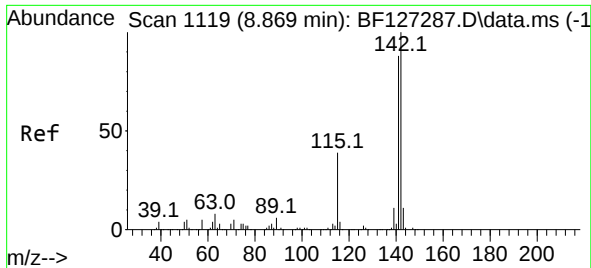
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#31
Naphthalene
Concen: 253.913 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.024 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

Tgt Ion:128 Resp: 1762818
Ion Ratio Lower Upper
128 100
129 13.0 8.6 13.0#
127 13.9 10.3 15.5





#37

2-Methylnaphthalene

Concen: 841.524 ng

RT: 8.916 min Scan# 1119

Delta R.T. 0.059 min

Lab File: BF127405.D

Acq: 18 Mar 2022 21:47

Instrument :

BNA_F

ClientSampleId :

PPSP-B15-25.0-25.5

Tgt Ion:142 Resp: 381749

Ion Ratio Lower Upper

142 100

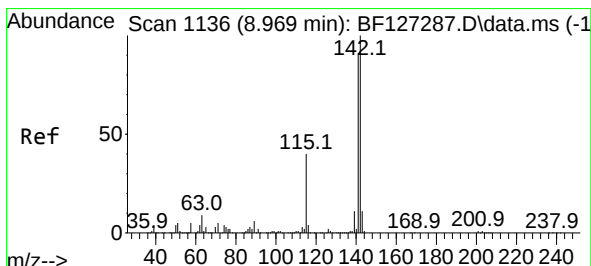
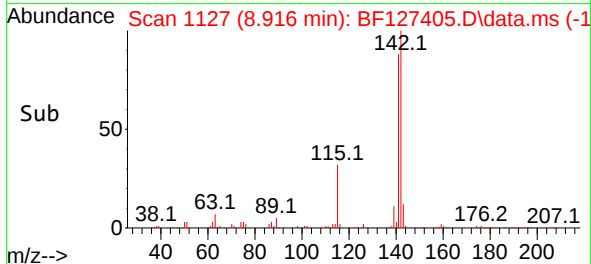
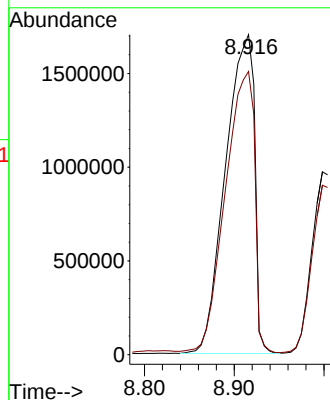
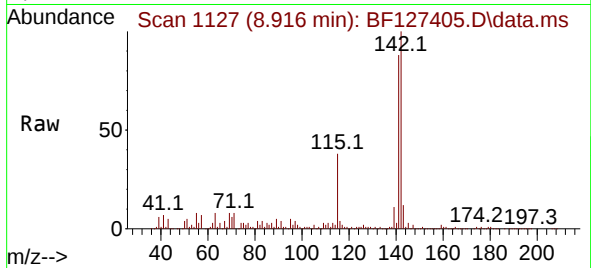
141 88.5 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#38

1-Methylnaphthalene

Concen: 475.097 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.041 min

Lab File: BF127405.D

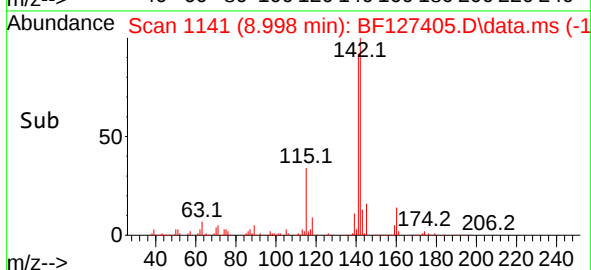
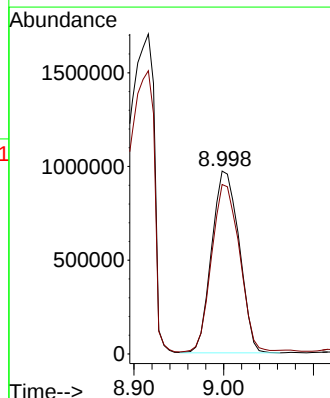
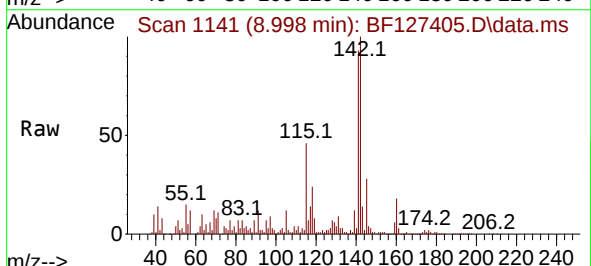
Acq: 18 Mar 2022 21:47

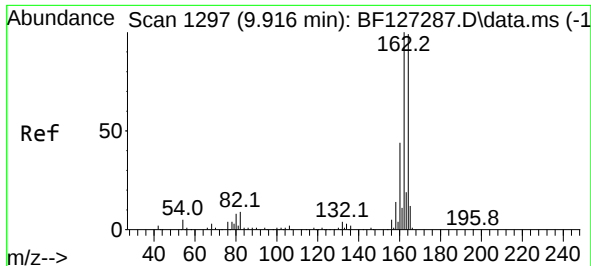
Tgt Ion:142 Resp: 2071960

Ion Ratio Lower Upper

142 100

141 92.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF127405.D

Acq: 18 Mar 2022 21:47

Instrument :

BNA_F

ClientSampleId :

PPSP-B15-25.0-25.5

Tgt Ion:164 Resp: 96754

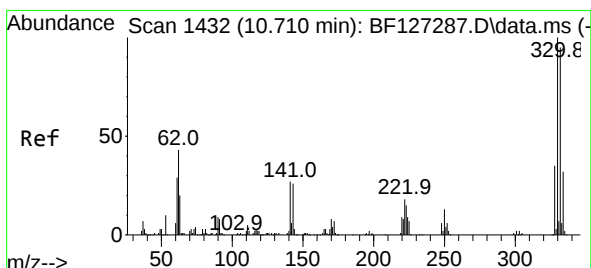
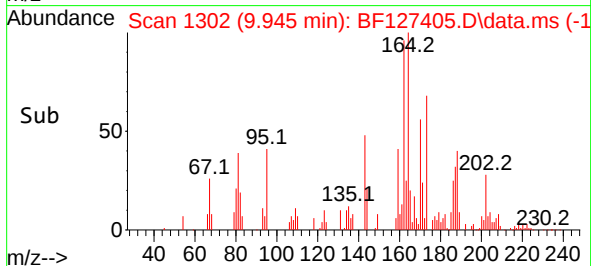
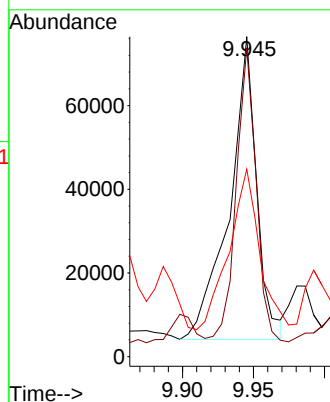
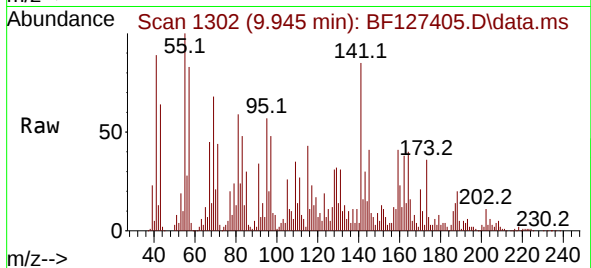
Ion	Ratio	Lower	Upper
164	100		
162	96.6	81.4	122.0
160	58.6	36.6	54.8

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: 65.779 ng

RT: 10.739 min Scan# 1437

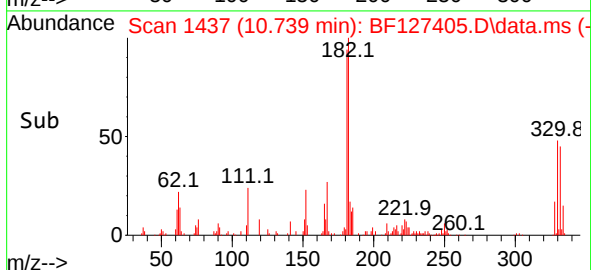
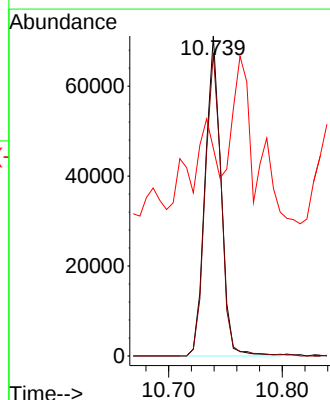
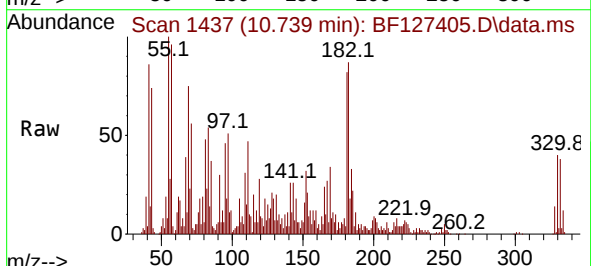
Delta R.T. 0.041 min

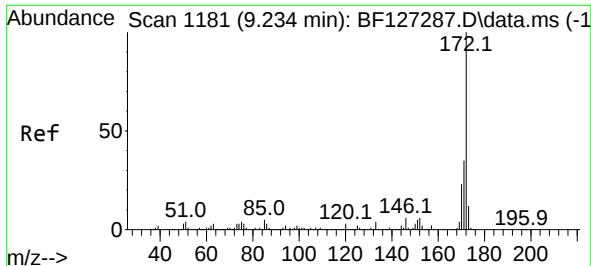
Lab File: BF127405.D

Acq: 18 Mar 2022 21:47

Tgt Ion:330 Resp: 68512

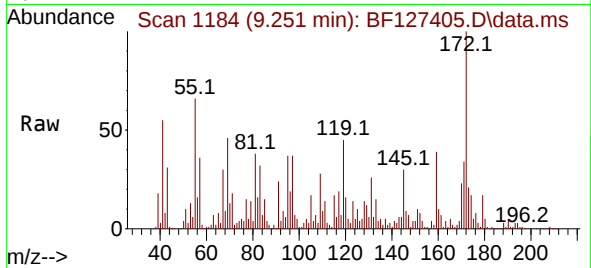
Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	41.8	30.1	45.1





#45
2-Fluorobiphenyl
Concen: 56.694 ng
RT: 9.251 min Scan# 1181
Delta R.T. 0.029 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

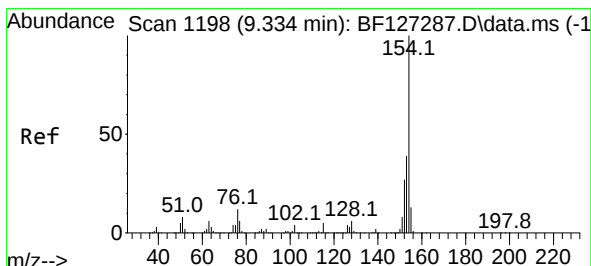
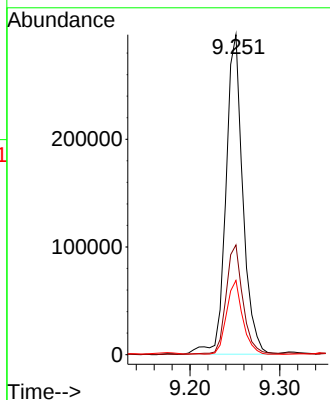
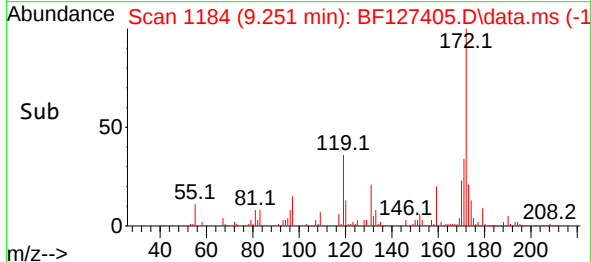
Instrument :
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PPSP-B15-25.0-25.5



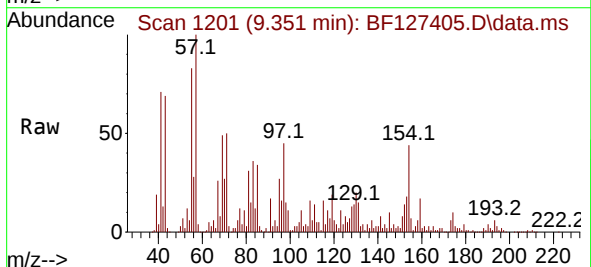
Tgt Ion:172 Resp: 387992
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.2 19.0 28.6

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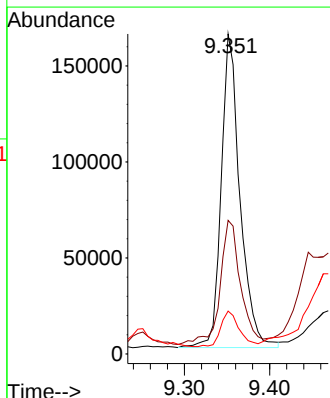
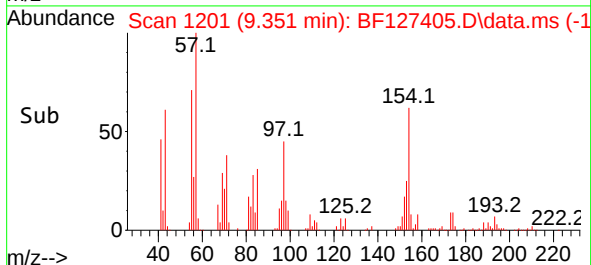
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

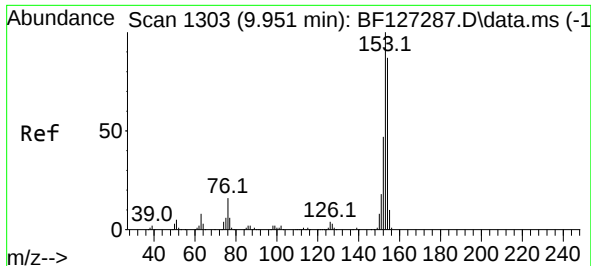


#46
1,1'-Biphenyl
Concen: 34.248 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.029 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47



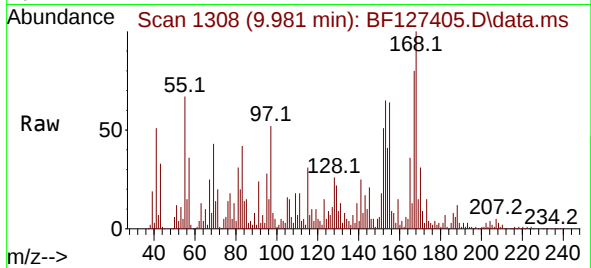
Tgt Ion:154 Resp: 250090
Ion Ratio Lower Upper
154 100
153 41.8 19.0 59.0
76 13.4 0.0 34.5





#52
Acenaphthene
Concen: 31.775 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.041 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

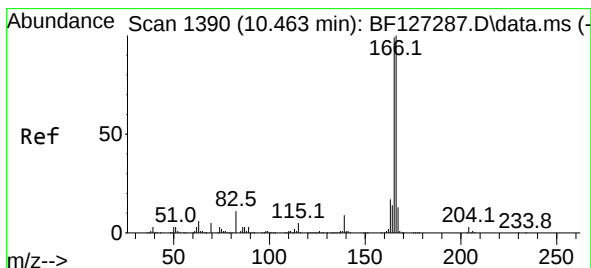
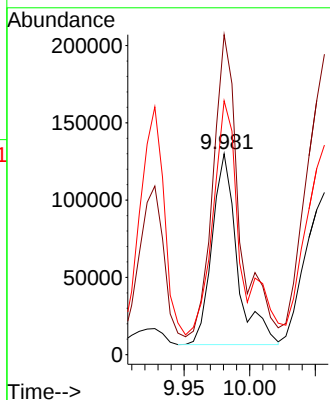
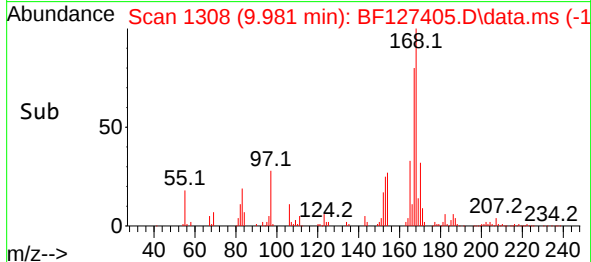
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:154 Resp: 16476
Ion Ratio Lower Upper
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153 159.3 87.8 131.6
152 126.4 39.4 59.2

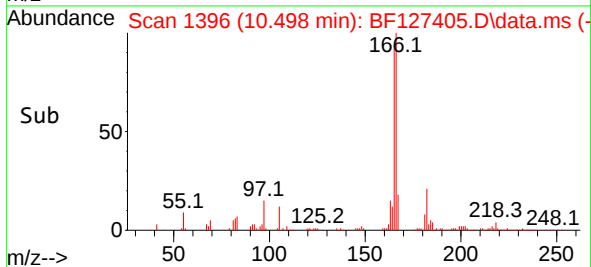
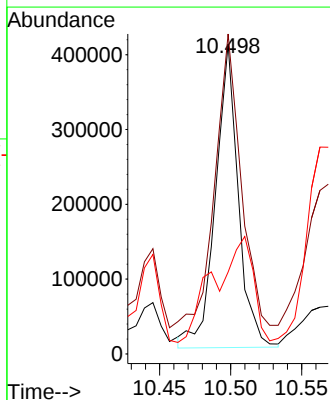
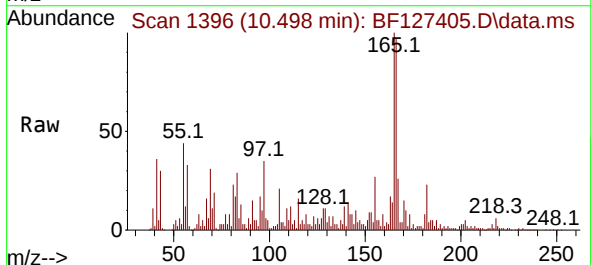
Manual Integrations
APPROVED

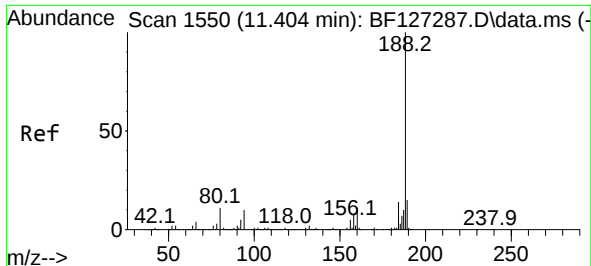
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#58
Fluorene
Concen: 72.489 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.047 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

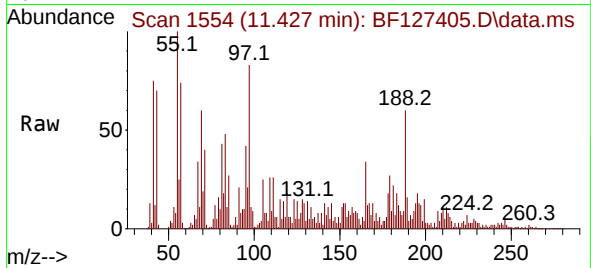
Tgt Ion:166 Resp: 452810
Ion Ratio Lower Upper
166 100
165 103.3 77.7 116.5
167 26.4 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.035 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

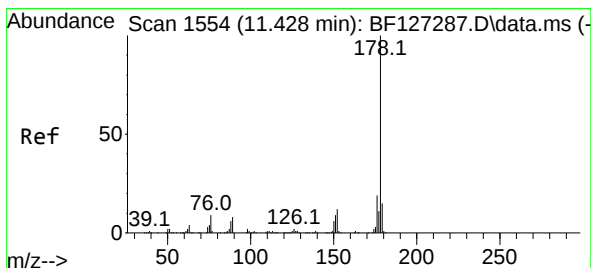
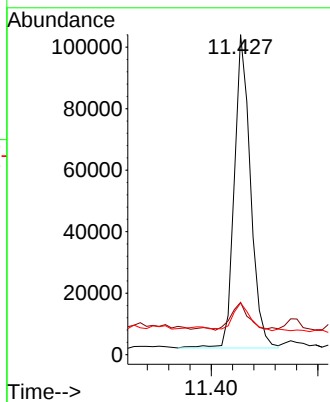
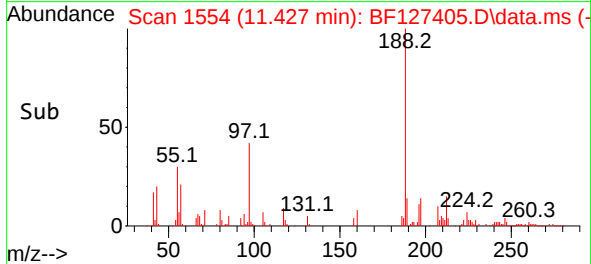
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:188 Resp: 107850
Ion Ratio Lower Upper
188 100
94 16.3 10.1 15.1
80 16.2 11.8 17.6

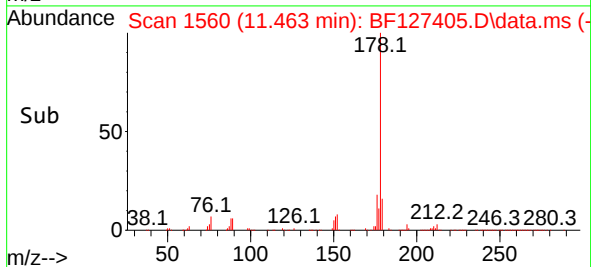
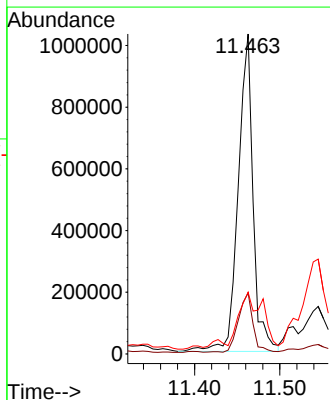
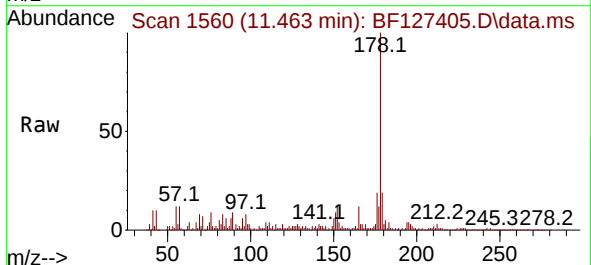
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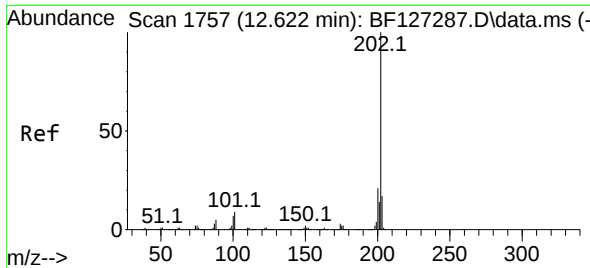
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#71
Phenanthrene
Concen: 219.482 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.041 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

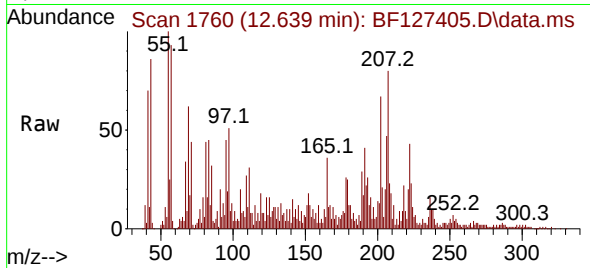
Tgt Ion:178 Resp: 1249570
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 19.3 12.3 18.5





#75
Fluoranthene
Concen: 6.503 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

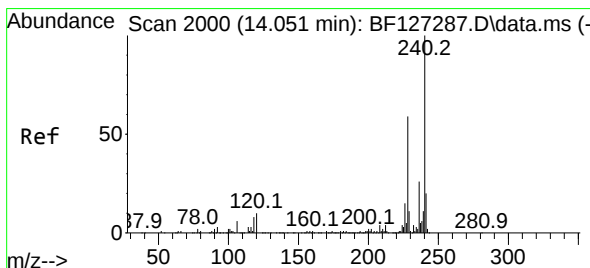
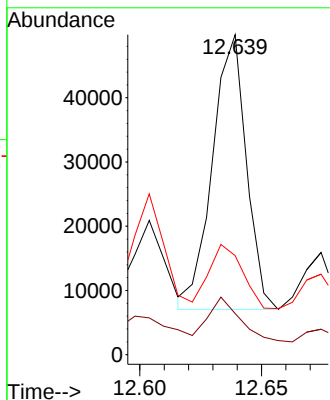
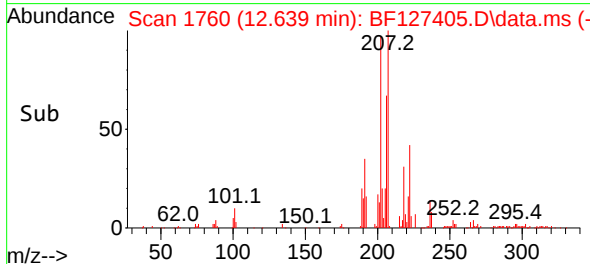
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



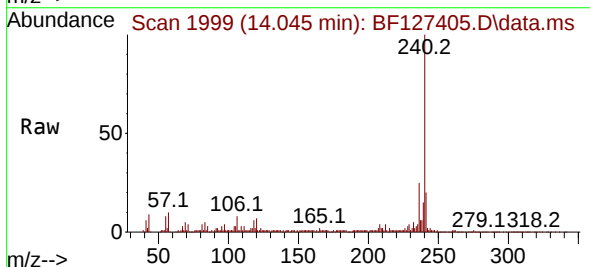
Tgt Ion:202 Resp: 4139
Ion Ratio Lower Upper
202 100
101 12.8 0.0 35.7
203 30.9 0.0 37.1

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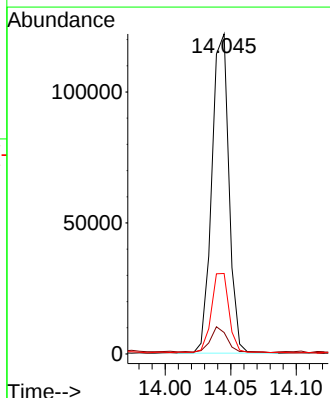
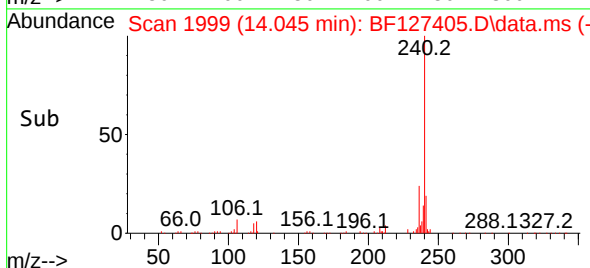
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

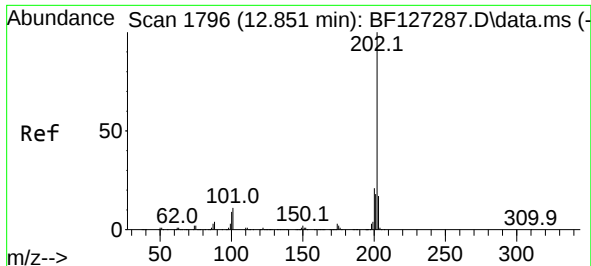


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47



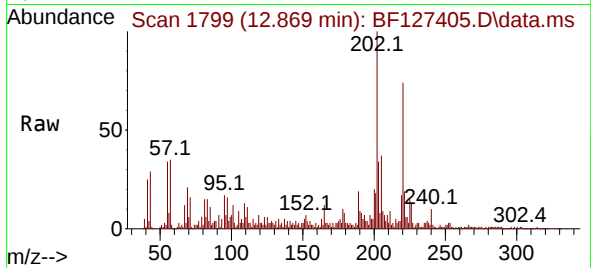
Tgt Ion:240 Resp: 110947
Ion Ratio Lower Upper
240 100
120 6.7 14.4 21.6#
236 25.2 20.5 30.7





#78
Pyrene
Concen: 22.222 ng m
RT: 12.869 min Scan# 1796
Delta R.T. 0.029 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

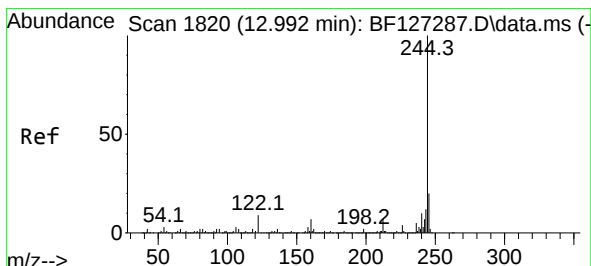
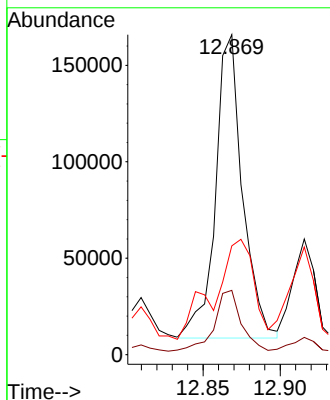
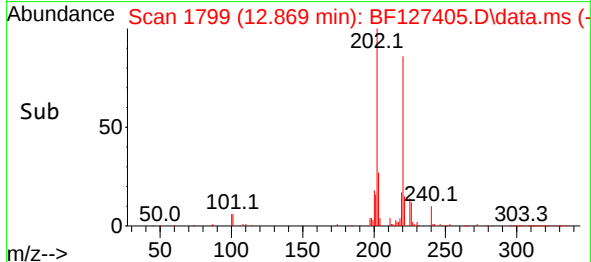
Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



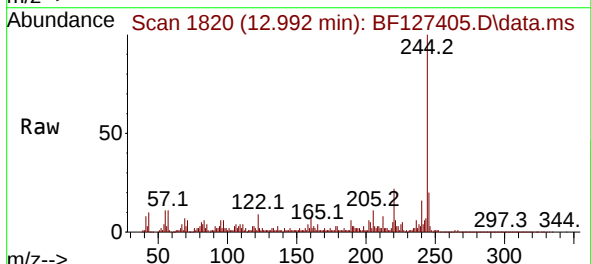
Tgt Ion:202 Resp: 19203
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 34.0 13.8 20.8

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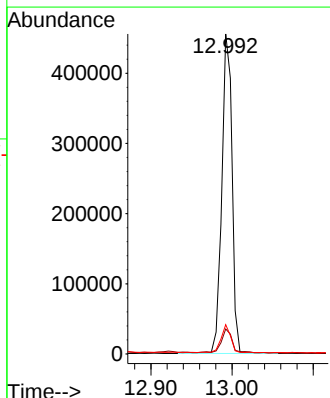
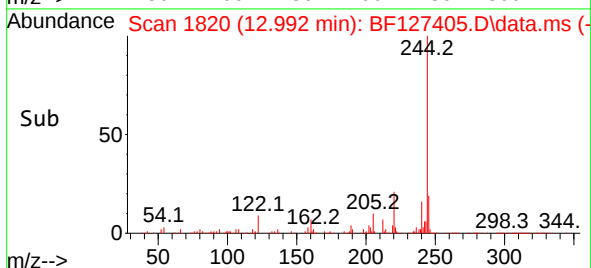
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

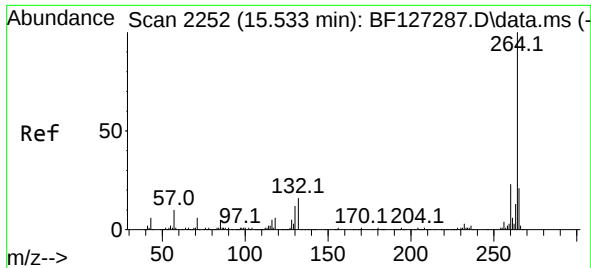


#79
Terphenyl-d14
Concen: 62.078 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.012 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47



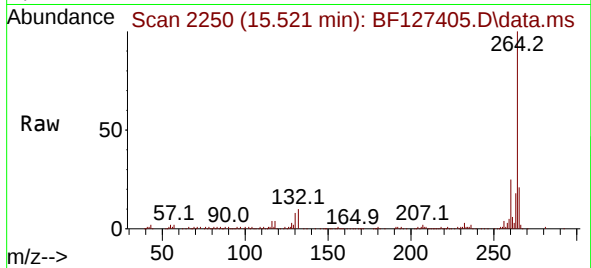
Tgt Ion:244 Resp: 399973
Ion Ratio Lower Upper
244 100
212 7.8 5.0 7.4#
122 9.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127405.D
Acq: 18 Mar 2022 21:47

Instrument :
BNA_F
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:264 Resp: 115792
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.2 17.4 26.2

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

