

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127407.D
 Acq On : 18 Mar 2022 22:45
 Operator : CG\JU
 Sample : N1708-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-25.5-26.0

Manual Integrations
 APPROVED

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

Quant Time: Mar 19 01:53:52 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	39883	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	120862	20.000	ng	# 0.02
39) Acenaphthene-d10	9.957	164	88080	20.000	ng	# 0.05
64) Phenanthrene-d10	11.439	188	102793	20.000	ng	# 0.05
76) Chrysene-d12	14.045	240	77865	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	84583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	308434	124.320	ng	0.00
7) Phenol-d6	6.498	99	395897	115.999	ng	0.00
23) Nitrobenzene-d5	7.439	82	315057	107.654	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	60004	63.284	ng	0.05
45) 2-Fluorobiphenyl	9.251	172	446142	71.611	ng	0.03
79) Terphenyl-d14	13.004	244	373568	82.613	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	8.204	128	2621665	406.633	ng	# 95
37) 2-Methylnaphthalene	8.927	142	4388953	1041.828	ng	97
38) 1-Methylnaphthalene	9.010	142	2313505	571.241	ng	98
46) 1,1'-Biphenyl	9.357	154	853289	128.357	ng	96
52) Acenaphthene	9.998	154	183244	38.818	ng	# 28
58) Fluorene	10.516	166	499187	87.783	ng	# 80
71) Phenanthrene	11.474	178	1450857	267.374	ng	# 95
75) Fluoranthene	12.645	202	40801	6.725	ng	77
78) Pyrene	12.874	202	194587m	32.084	ng	

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

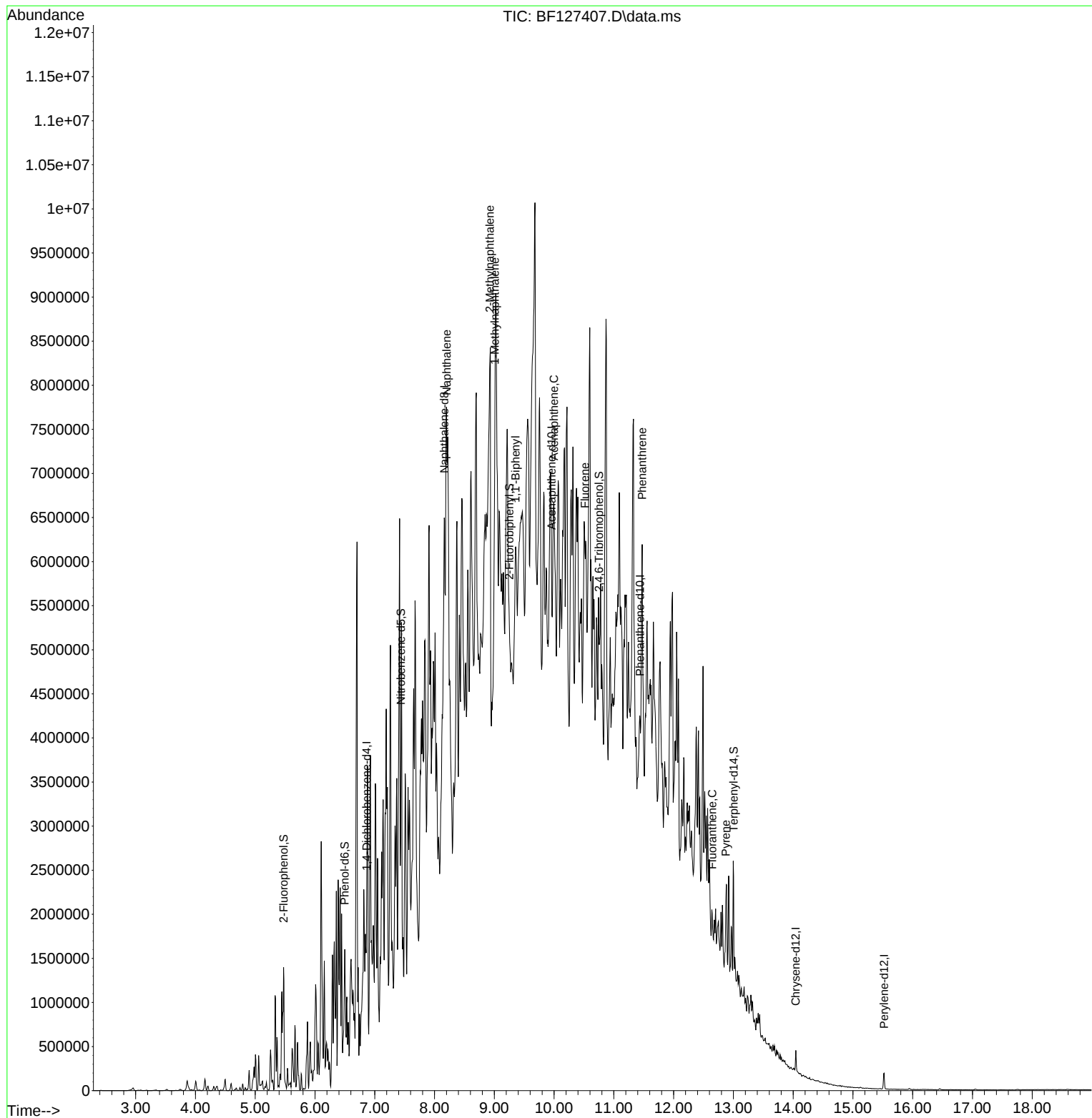
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127407.D
Acq On : 18 Mar 2022 22:45
Operator : CG\JU
Sample : N1708-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

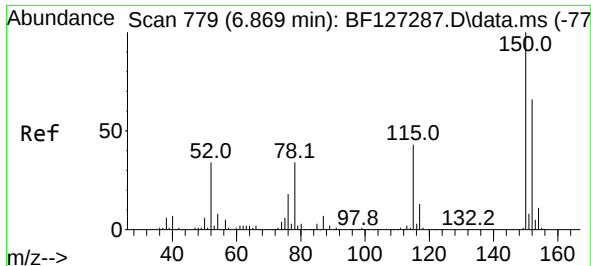
Instrument :
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ClientSampleId :
PPSP-B10-25.5-26.0

Quant Time: Mar 19 01:53:52 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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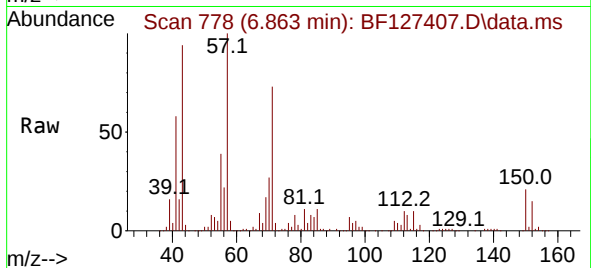
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

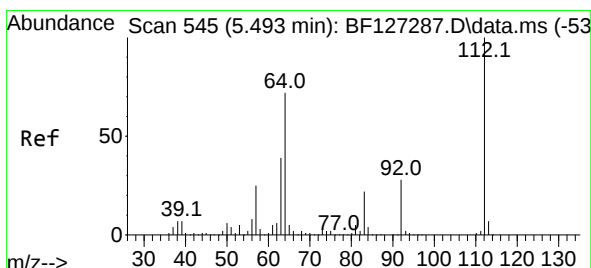
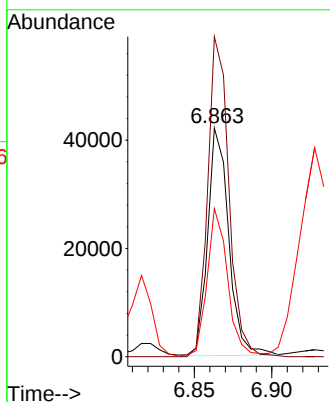
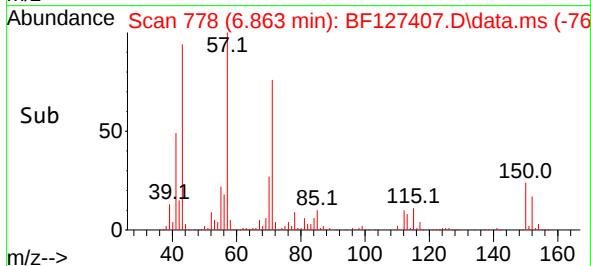
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-25.5-26.0



Tgt Ion:152 Resp: 3988
Ion Ratio Lower Upper
152 100
150 139.9 128.1 192.1
115 64.8 56.7 85.1

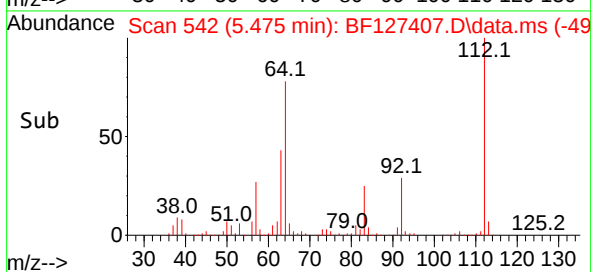
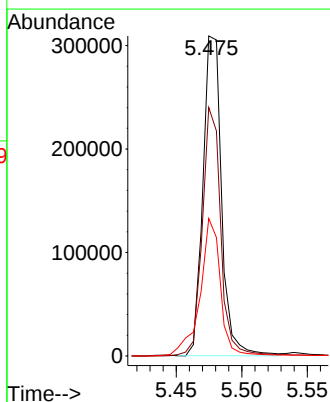
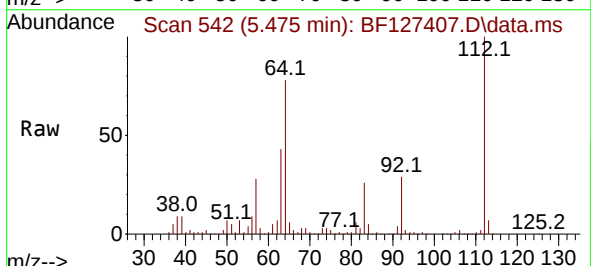
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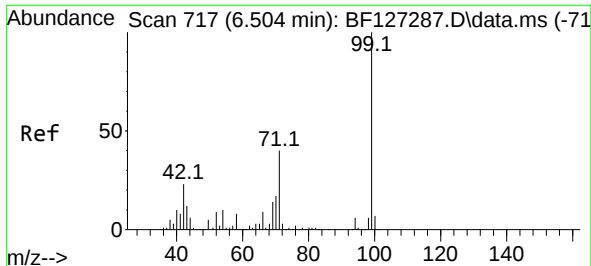
Reviewed By :Christian Giraldo 03/21/2022
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#5
2-Fluorophenol
Concen: 124.320 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

Tgt Ion:112 Resp: 308434
Ion Ratio Lower Upper
112 100
64 77.6 49.5 74.3#
63 42.9 23.9 35.9#





#7

Phenol-d6

Concen: 115.999 ng

RT: 6.498 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-25.5-26.0

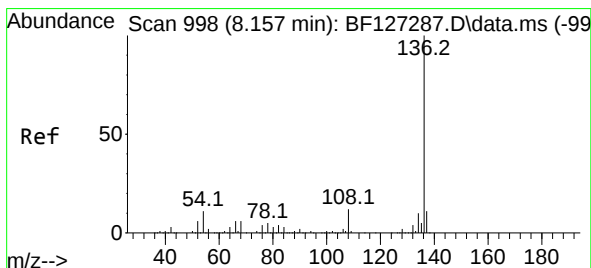
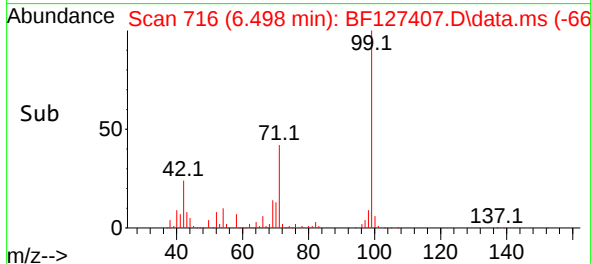
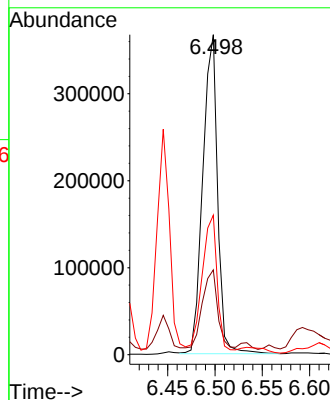
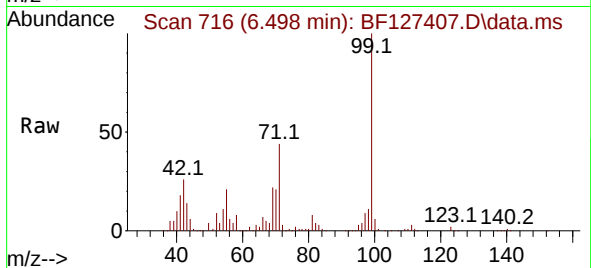
Tgt Ion: 99 Resp: 395897
 Ion Ratio Lower Upper
 99 100
 42 26.5 14.2 21.4#
 71 43.6 24.3 36.5#

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#21

Naphthalene-d8

Concen: 20.000 ng

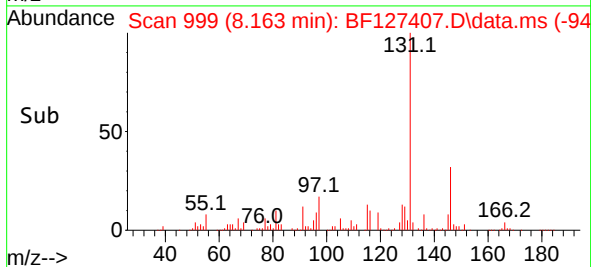
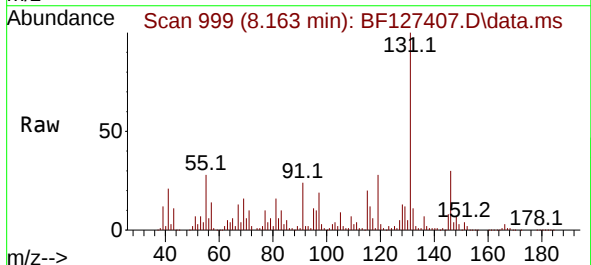
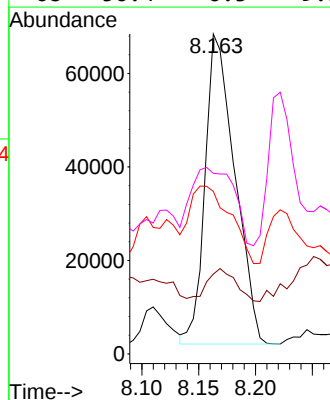
RT: 8.163 min Scan# 999

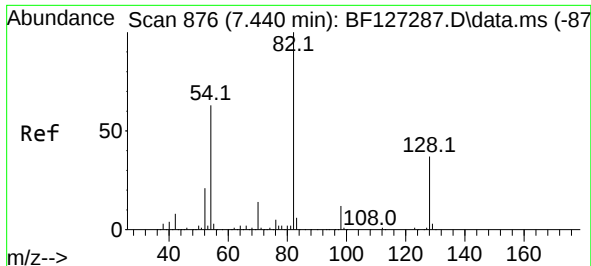
Delta R.T. 0.018 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

Tgt Ion:136 Resp: 120862
 Ion Ratio Lower Upper
 136 100
 137 25.0 8.6 13.0#
 54 50.8 7.8 11.6#
 68 56.4 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 107.654 ng

RT: 7.439 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

Instrument :

BNA_F

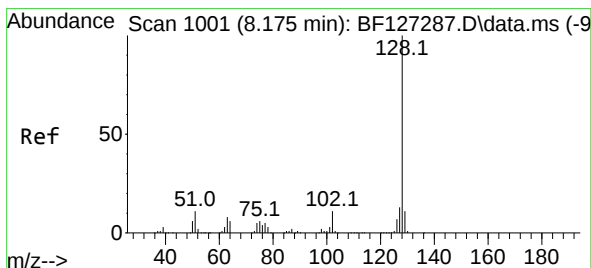
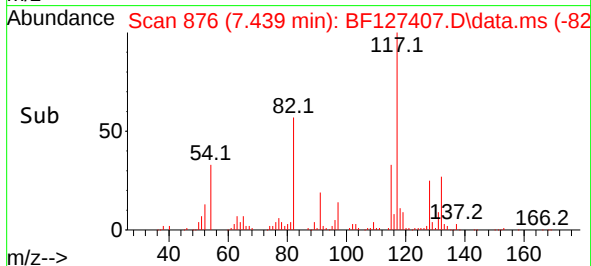
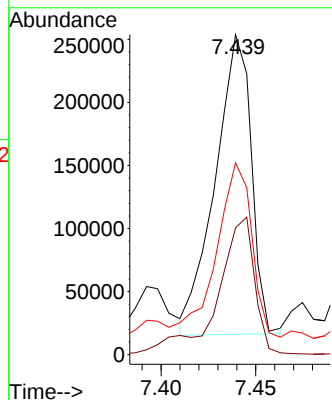
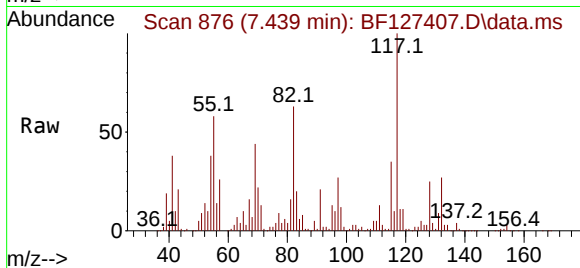
ClientSampleId :

PPSP-B10-25.5-26.0

Tgt Ion: 82 Resp: 31505
 Ion Ratio Lower Upper
 82 100
 128 39.7 32.7 49.1
 54 59.9 41.7 62.5

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#31

Naphthalene

Concen: 406.633 ng

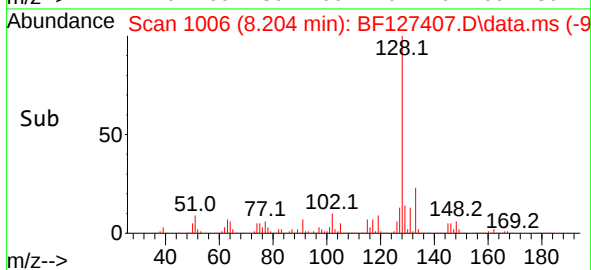
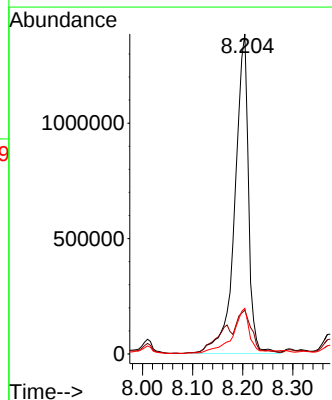
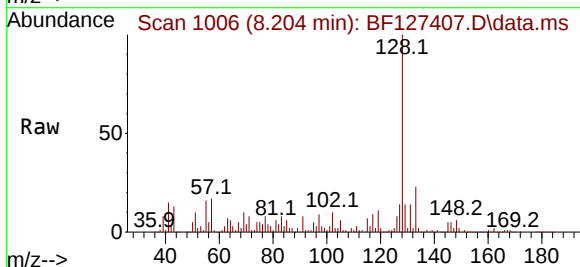
RT: 8.204 min Scan# 1006

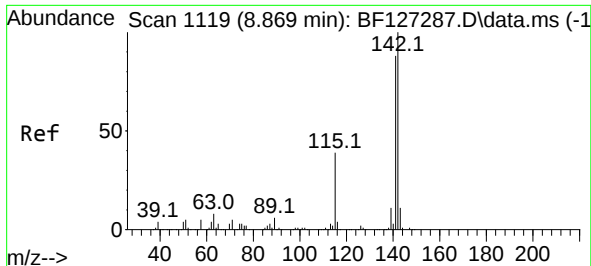
Delta R.T. 0.035 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

Tgt Ion:128 Resp: 2621665
 Ion Ratio Lower Upper
 128 100
 129 13.7 8.6 13.0#
 127 14.2 10.3 15.5





#37

2-Methylnaphthalene

Concen: 1041.828 ng

RT: 8.927 min Scan# 1119

Delta R.T. 0.070 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-25.5-26.0

Tgt Ion:142 Resp: 438895

Ion Ratio Lower Upper

142 100

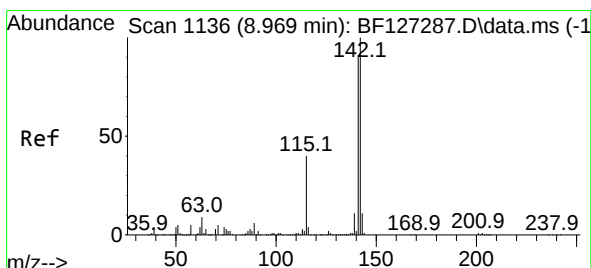
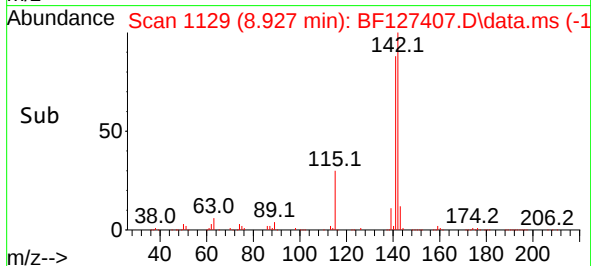
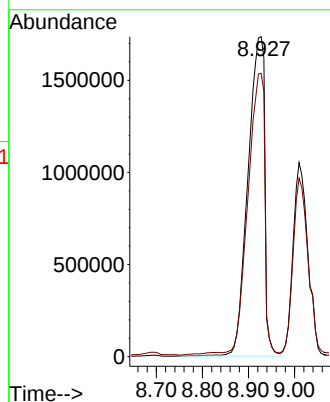
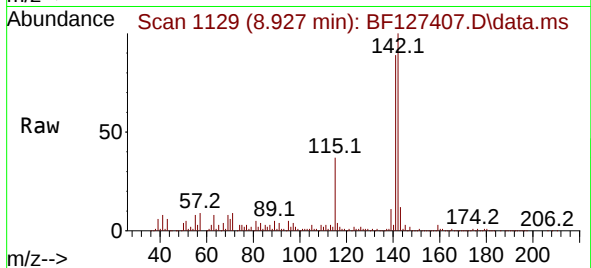
141 88.6 68.6 102.8

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#38

1-Methylnaphthalene

Concen: 571.241 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.053 min

Lab File: BF127407.D

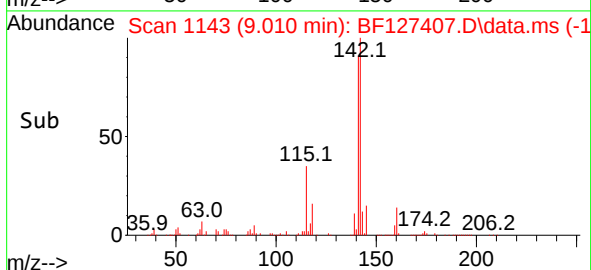
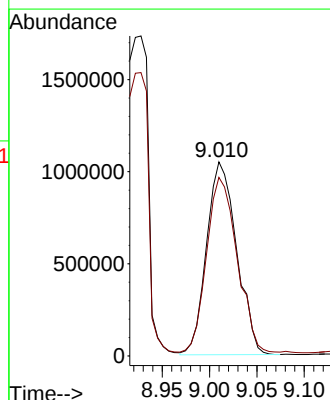
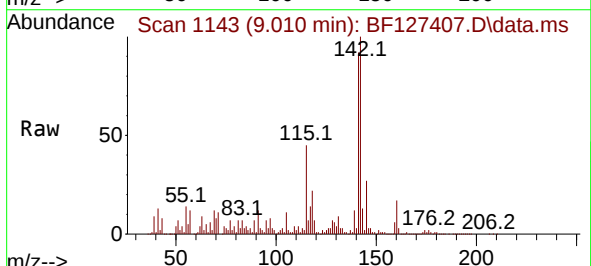
Acq: 18 Mar 2022 22:45

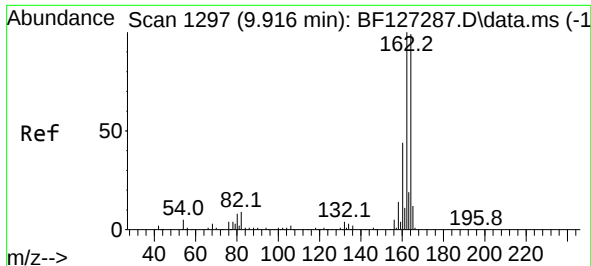
Tgt Ion:142 Resp: 2313505

Ion Ratio Lower Upper

142 100

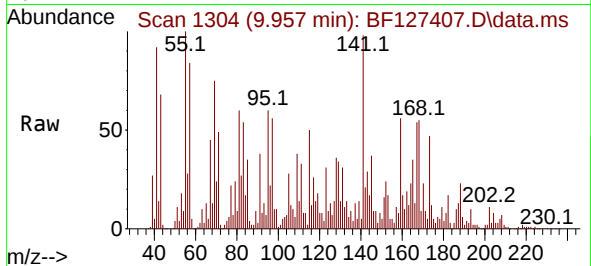
141 91.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

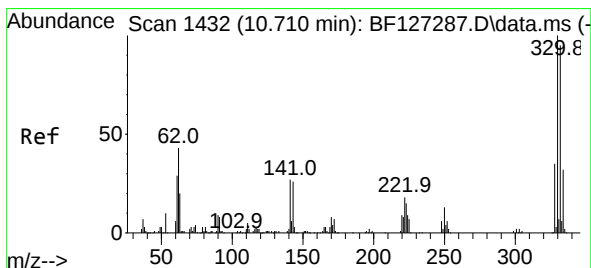
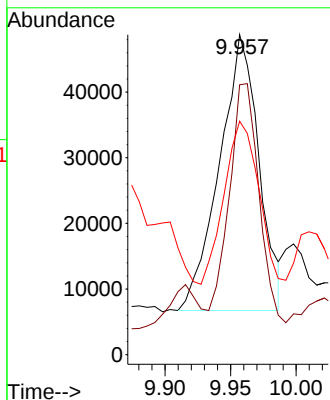
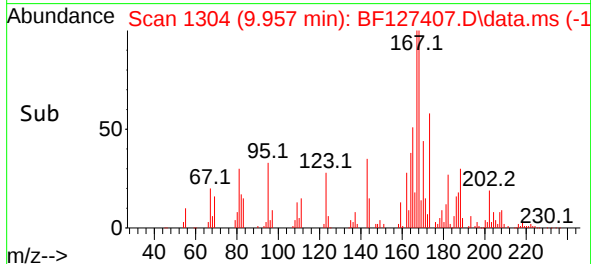
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-25.5-26.0



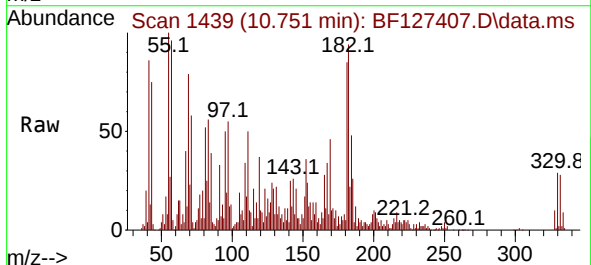
Tgt Ion:164 Resp: 88080
Ion Ratio Lower Upper
164 100
162 84.3 81.4 122.0
160 73.0 36.6 54.8

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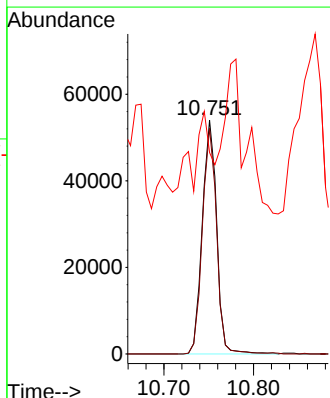
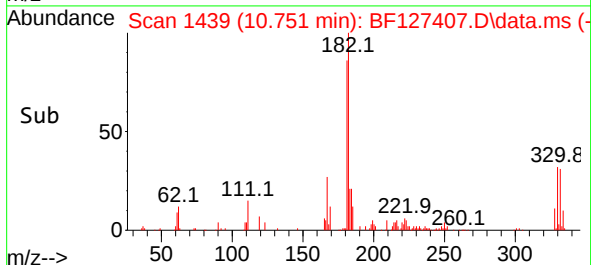
Reviewed By :Christian Giraldo 03/21/2022
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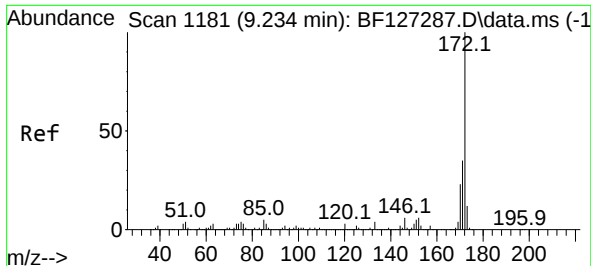


#42
2,4,6-Tribromophenol
Concen: 63.284 ng
RT: 10.751 min Scan# 1439
Delta R.T. 0.053 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45



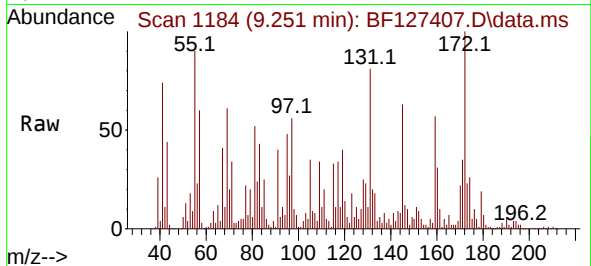
Tgt Ion:330 Resp: 60004
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 38.9 30.1 45.1





#45
2-Fluorobiphenyl
Concen: 71.611 ng
RT: 9.251 min Scan# 1181
Delta R.T. 0.029 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

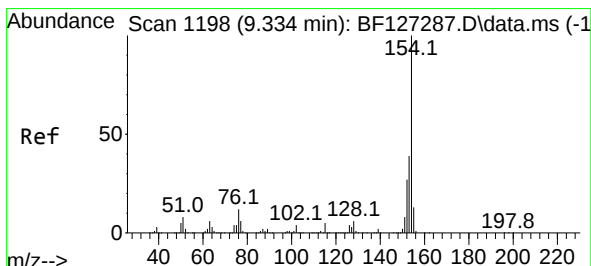
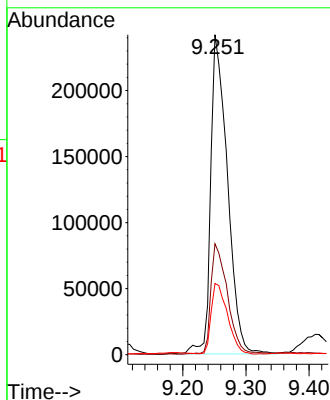
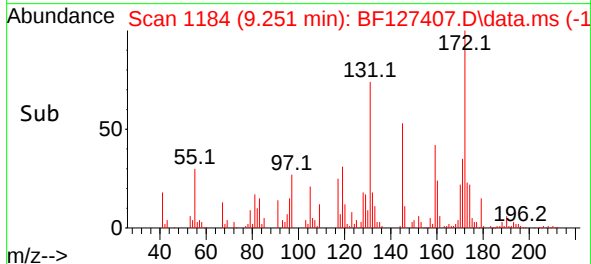
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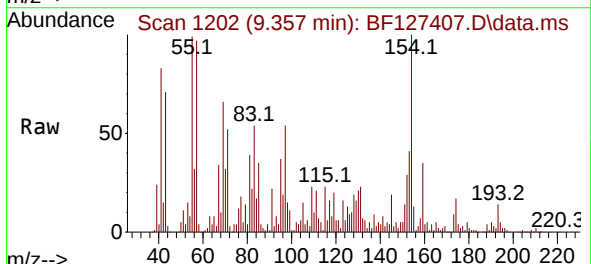
Tgt Ion:172 Resp: 44614
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.3 19.0 28.6

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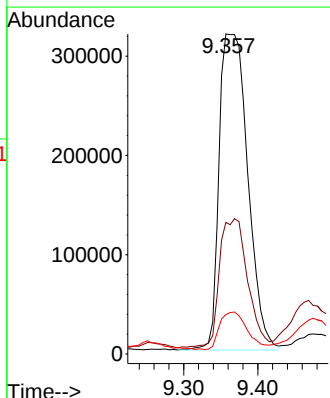
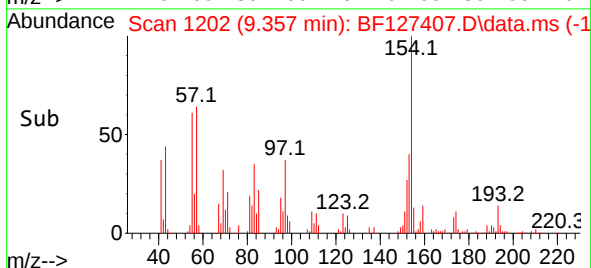
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

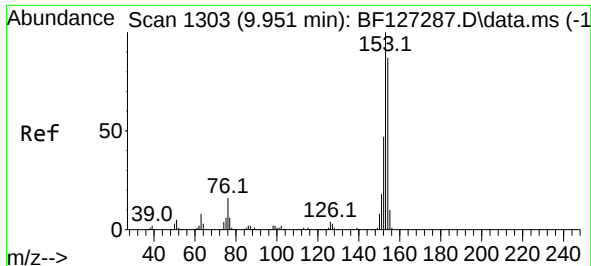


#46
1,1'-Biphenyl
Concen: 128.357 ng
RT: 9.357 min Scan# 1202
Delta R.T. 0.035 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45



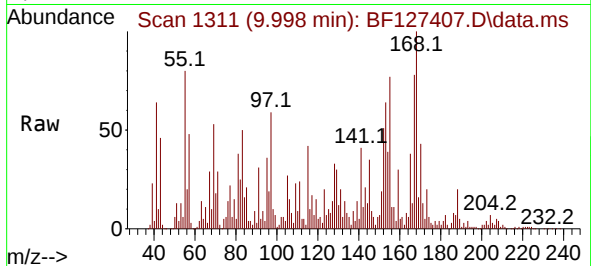
Tgt Ion:154 Resp: 853289
Ion Ratio Lower Upper
154 100
153 41.1 19.0 59.0
76 12.3 0.0 34.5





#52
Acenaphthene
Concen: 38.818 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.059 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

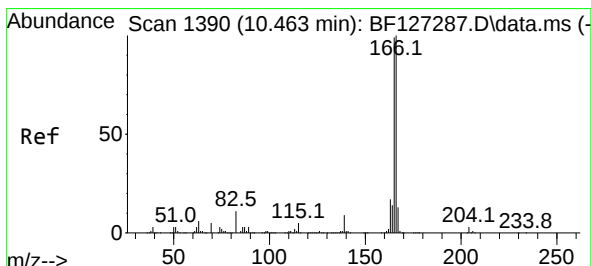
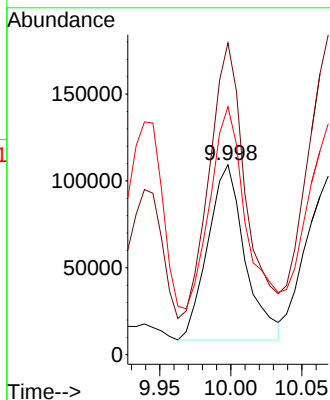
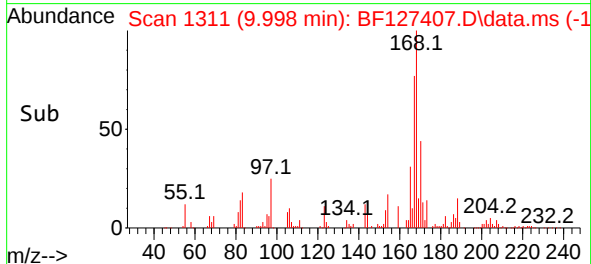
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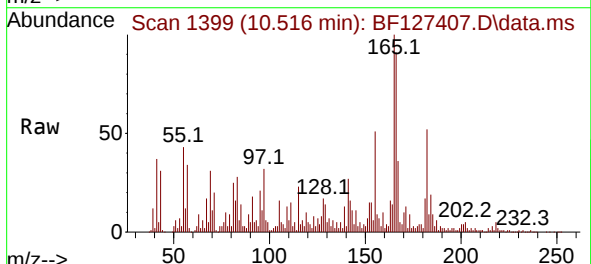
Tgt Ion:154 Resp: 183244
Ion Ratio Lower Upper
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153 164.2 87.8 131.6
152 130.6 39.4 59.2

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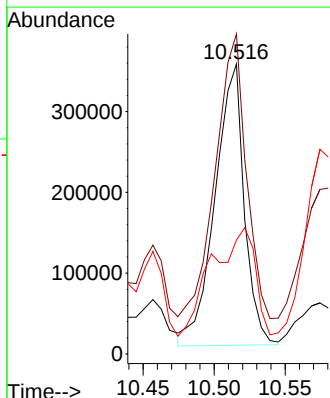
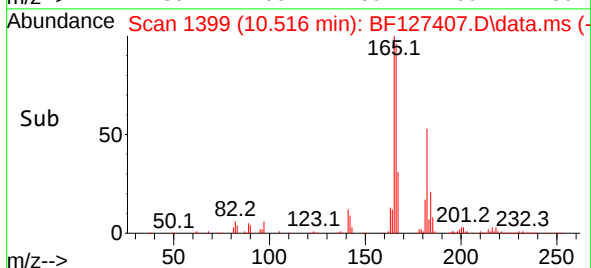
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

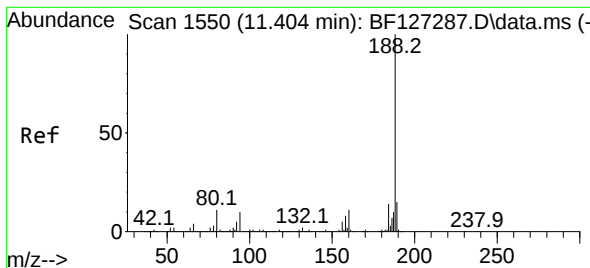


#58
Fluorene
Concen: 87.783 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.065 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45



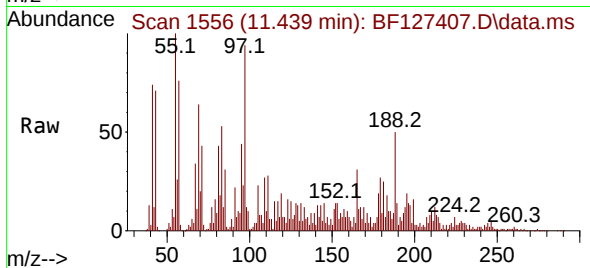
Tgt Ion:166 Resp: 499187
Ion Ratio Lower Upper
166 100
165 110.4 77.7 116.5
167 39.3 10.7 16.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. 0.047 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

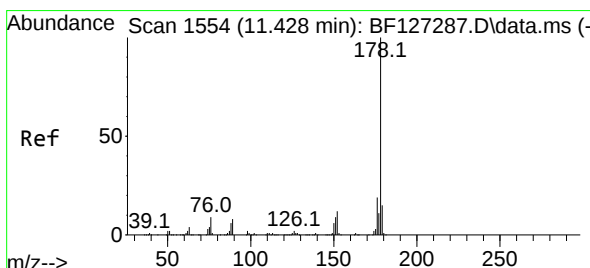
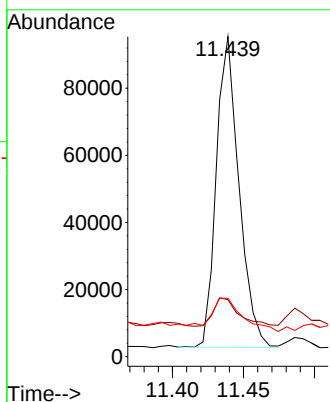
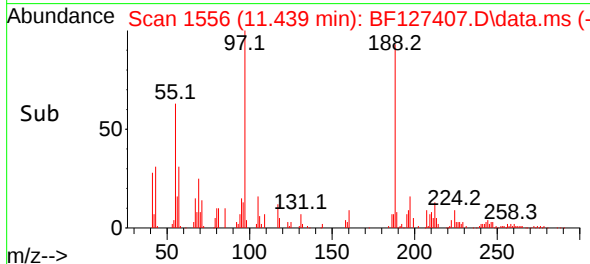
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-25.5-26.0



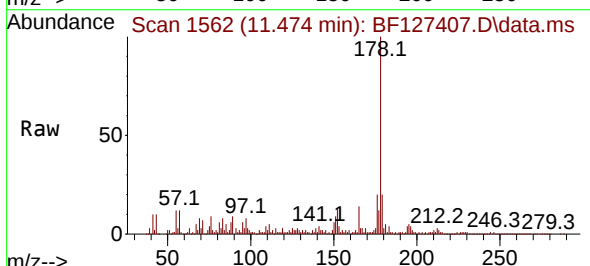
Tgt Ion:188 Resp: 102790
Ion Ratio Lower Upper
188 100
94 17.8 10.1 15.1
80 18.3 11.8 17.6

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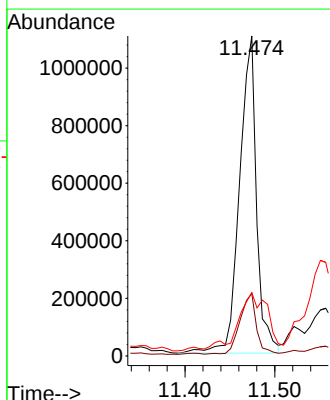
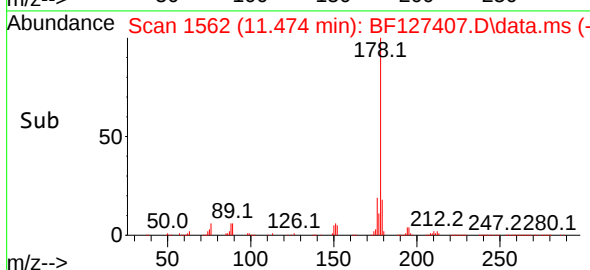
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

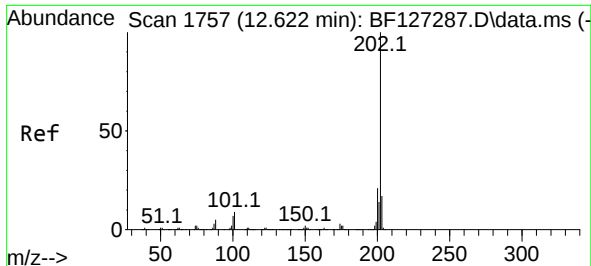


#71
Phenanthrene
Concen: 267.374 ng
RT: 11.474 min Scan# 1562
Delta R.T. 0.053 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45



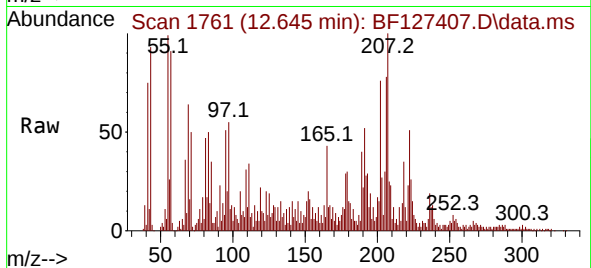
Tgt Ion:178 Resp: 1450857
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 19.8 12.3 18.5





#75
Fluoranthene
Concen: 6.725 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45

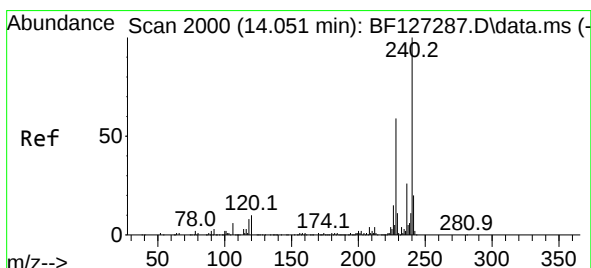
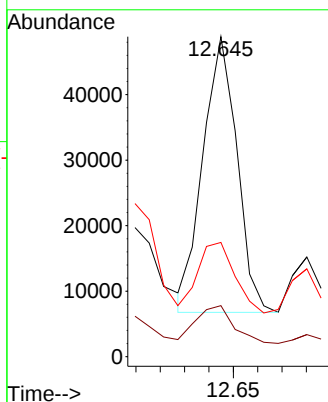
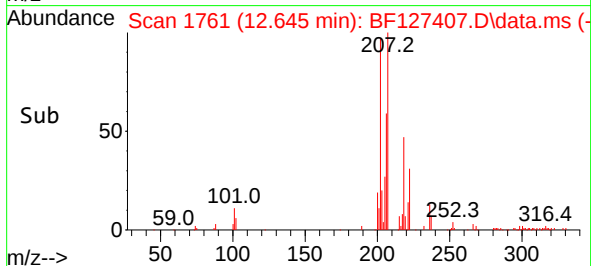
Instrument :
BNA_F
ClientSampleId :
PPSP-B10-25.5-26.0



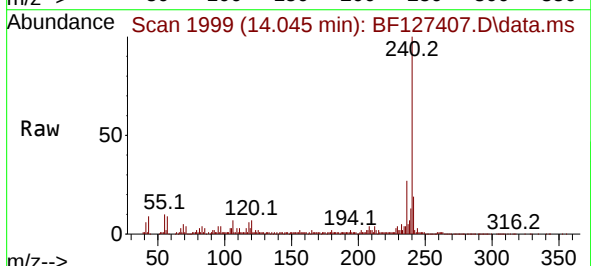
Tgt Ion:202 Resp: 4080
Ion Ratio Lower Upper
202 100
101 16.0 0.0 35.7
203 35.7 0.0 37.1

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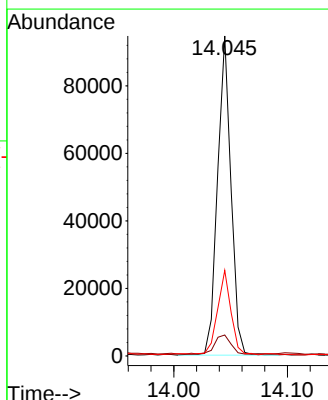
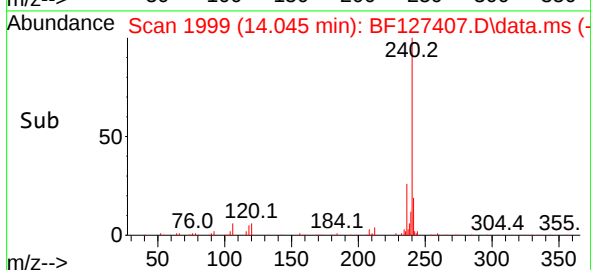
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

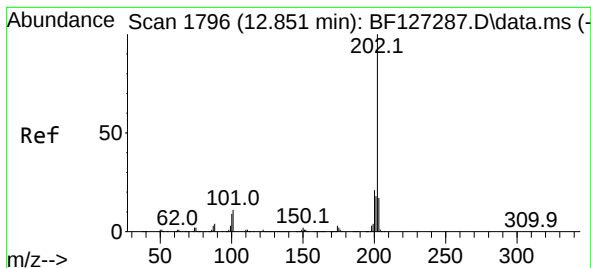


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF127407.D
Acq: 18 Mar 2022 22:45



Tgt Ion:240 Resp: 77865
Ion Ratio Lower Upper
240 100
120 6.5 14.4 21.6#
236 26.7 20.5 30.7





#78

Pyrene

Concen: 32.084 ng m

RT: 12.874 min Scan# 1800

Delta R.T. 0.035 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

Instrument :

BNA_F

ClientSampleId :

PPSP-B10-25.5-26.0

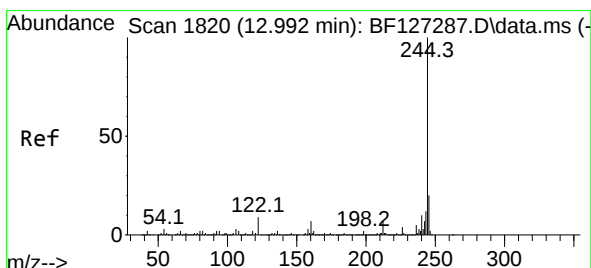
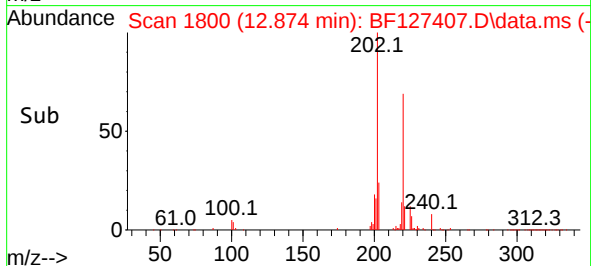
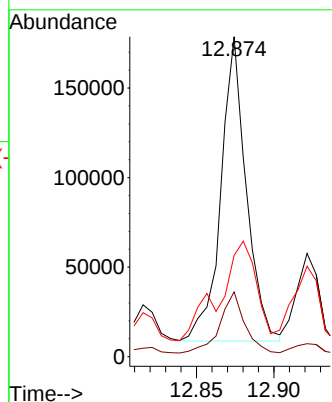
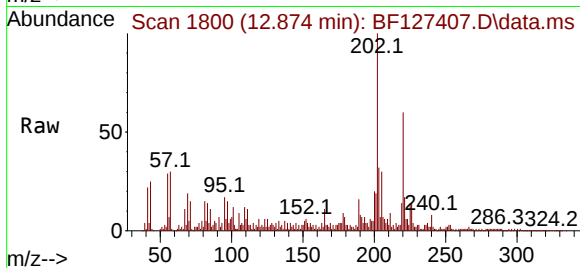
Tgt Ion:202 Resp: 19458
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.6 24.8
 203 31.7 13.8 20.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/21/2022



#79

Terphenyl-d14

Concen: 82.613 ng

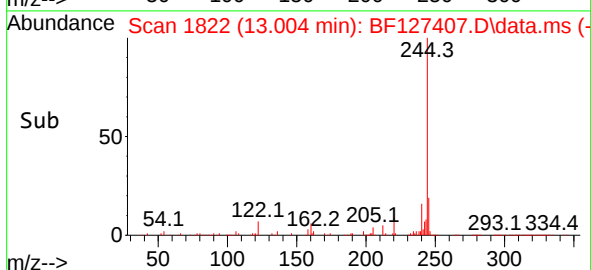
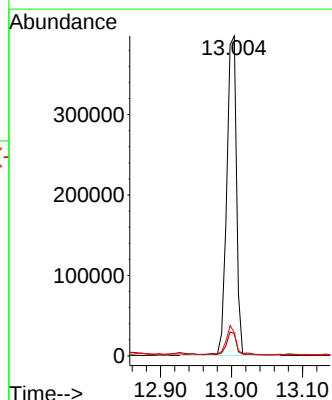
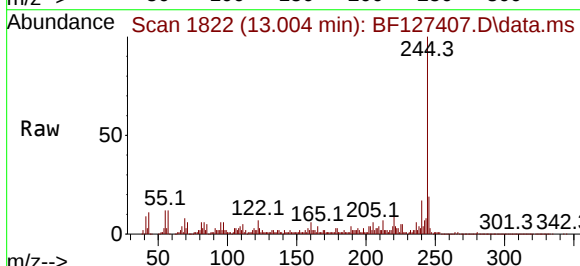
RT: 13.004 min Scan# 1822

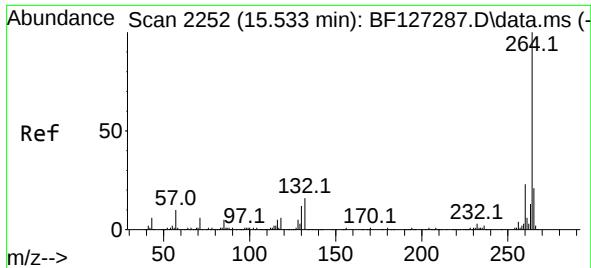
Delta R.T. 0.023 min

Lab File: BF127407.D

Acq: 18 Mar 2022 22:45

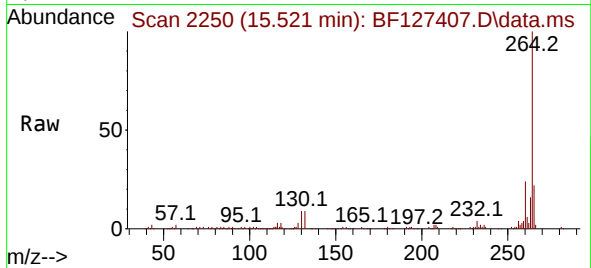
Tgt Ion:244 Resp: 373568
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 7.2 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127407.D
 Acq: 18 Mar 2022 22:45

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B10-25.5-26.0



Tgt Ion:264 Resp: 8458
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.6 17.4 26.2

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

