

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127406.D
 Acq On : 18 Mar 2022 22:16
 Operator : CG\JU
 Sample : N1709-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B13-25.5-26.0

Quant Time: Mar 19 01:53:39 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	6.869	152	35374	20.000	ng	0.01
21) Naphthalene-d8	8.192	136	97985	20.000	ng	# 0.05
39) Acenaphthene-d10	9.975	164	77077	20.000	ng	# 0.07
64) Phenanthrene-d10	11.451	188	91353	20.000	ng	# 0.06
76) Chrysene-d12	14.051	240	101844	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	107079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	224286	101.926	ng	0.00
7) Phenol-d6	6.498	99	329339	108.797	ng	0.00
23) Nitrobenzene-d5	7.445	82	255376	107.634	ng	0.01
42) 2,4,6-Tribromophenol	10.769	330	38106	45.926	ng	0.07
45) 2-Fluorobiphenyl	9.269	172	297888	54.640	ng	0.05
79) Terphenyl-d14	13.016	244	325340	55.008	ng	0.04
Target Compounds						Qvalue
31) Naphthalene	8.210	128	2881194	551.224	ng	# 93
37) 2-Methylnaphthalene	8.945	142	5140546	1505.132	ng	97
38) 1-Methylnaphthalene	9.034	142	2760414	840.724	ng	97
46) 1,1'-Biphenyl	9.381	154	1026410	176.440	ng	95
52) Acenaphthene	10.010	154	226356	54.796	ng	# 29
58) Fluorene	10.528	166	607950	122.171	ng	# 85
71) Phenanthrene	11.492	178	1840191	381.591	ng	# 92
75) Fluoranthene	12.663	202	69716	12.930	ng	72
78) Pyrene	12.892	202	320605m	40.416	ng	
83) Chrysene	14.063	228	19901m	3.120	ng	

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

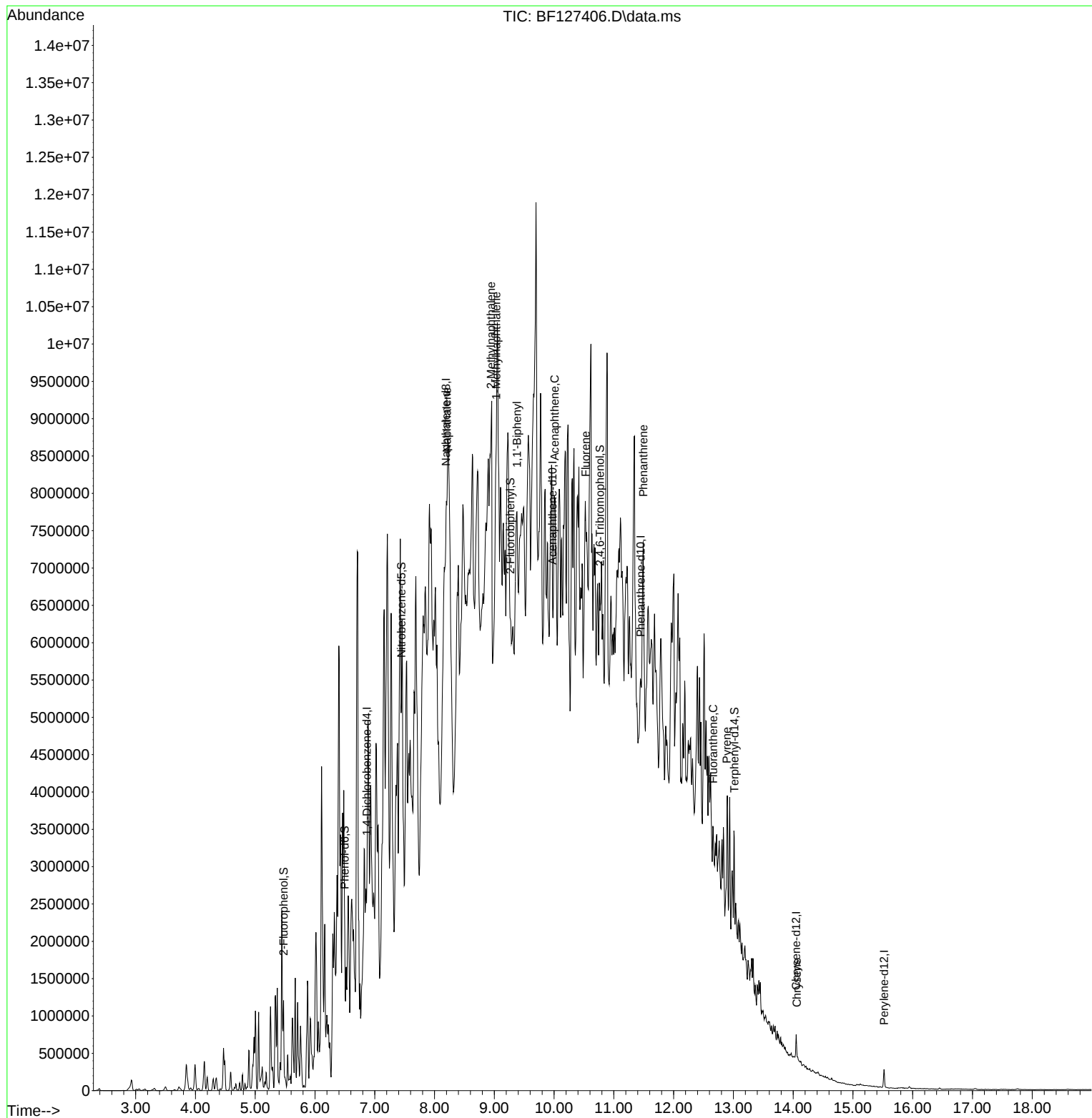
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127406.D
Acq On : 18 Mar 2022 22:16
Operator : CG\JU
Sample : N1709-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

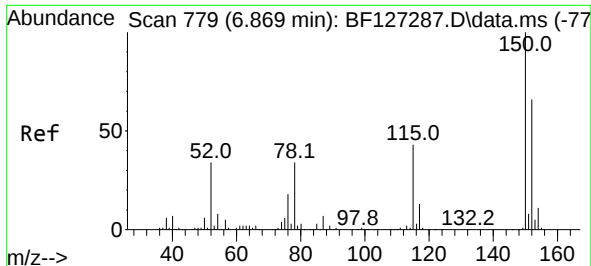
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0

Quant Time: Mar 19 01:53:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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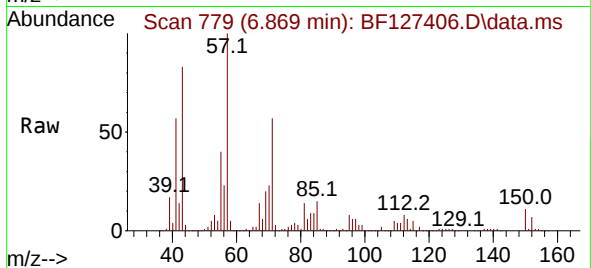
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

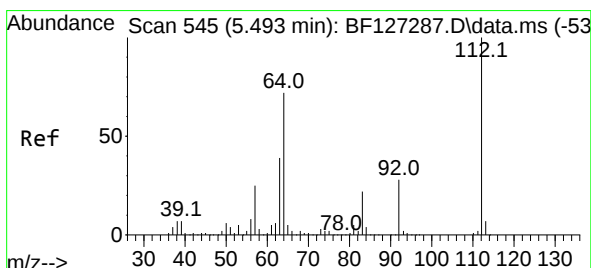
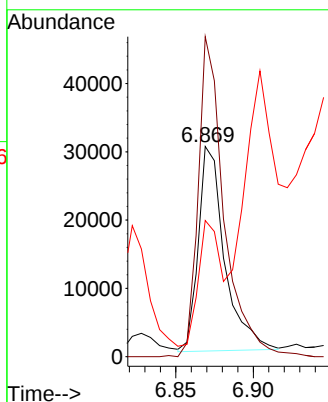
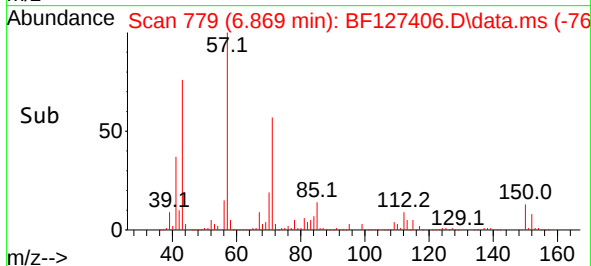
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0



Tgt Ion:152 Resp: 35374
Ion Ratio Lower Upper
152 100
150 152.2 128.1 192.1
115 64.8 56.7 85.1

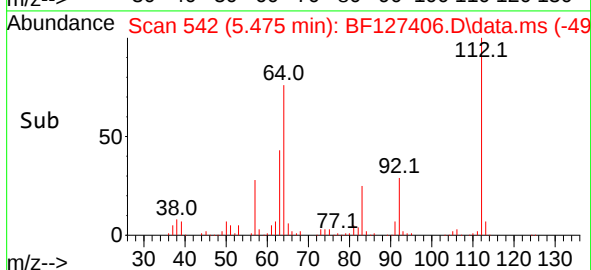
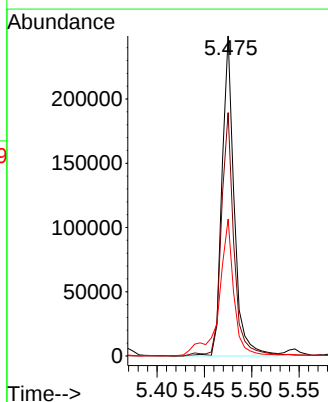
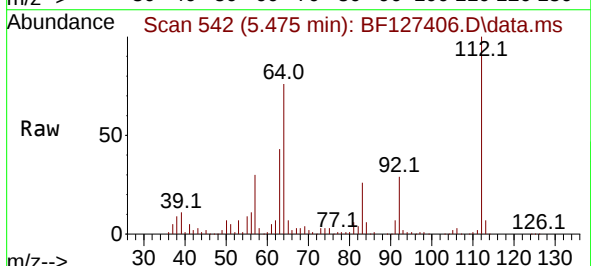
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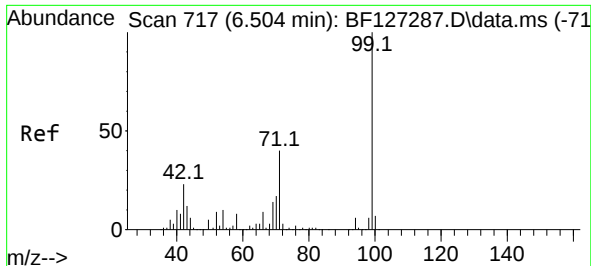
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#5
2-Fluorophenol
Concen: 101.926 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

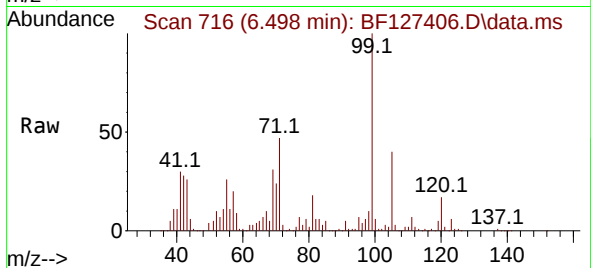
Tgt Ion:112 Resp: 224286
Ion Ratio Lower Upper
112 100
64 76.1 49.5 74.3#
63 42.7 23.9 35.9#





#7
Phenol-d6
Concen: 108.797 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

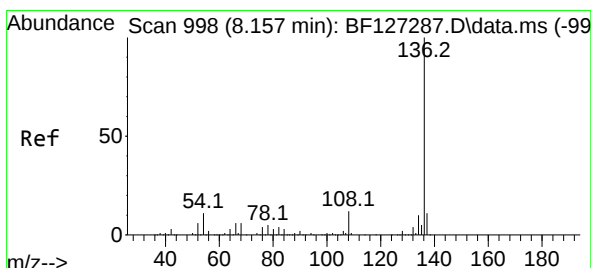
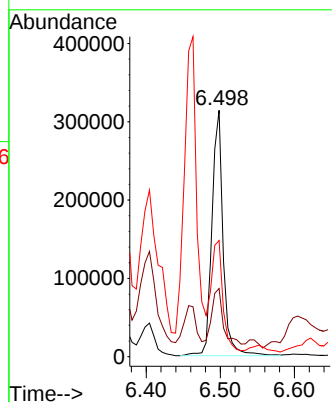
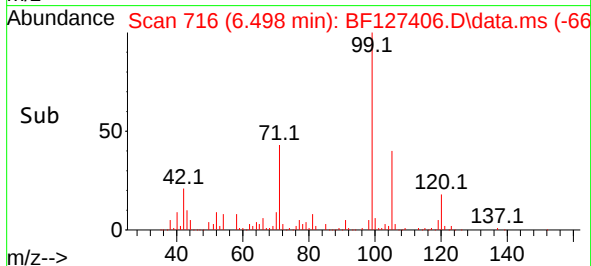
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0



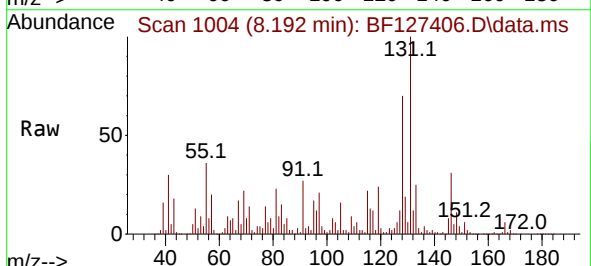
Tgt Ion: 99 Resp: 329339
Ion Ratio Lower Upper
99 100
42 27.7 14.2 21.4#
71 47.2 24.3 36.5#

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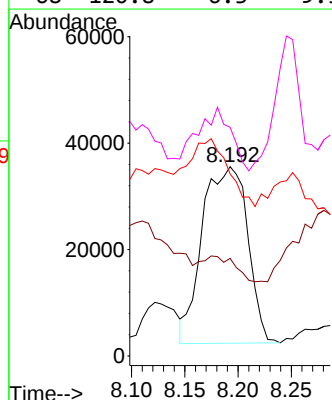
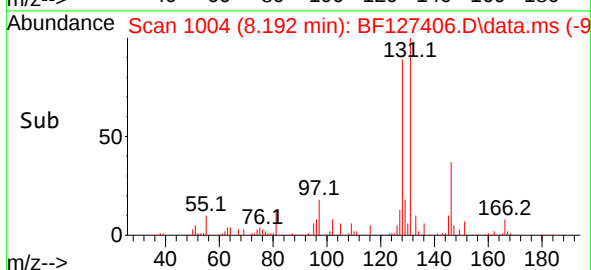
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

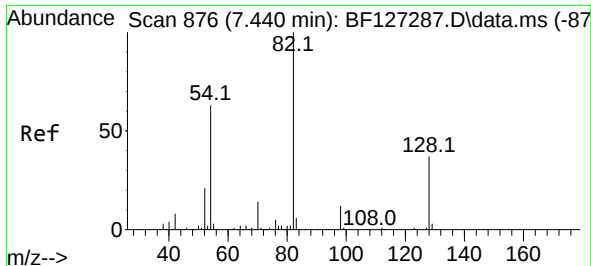


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.047 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16



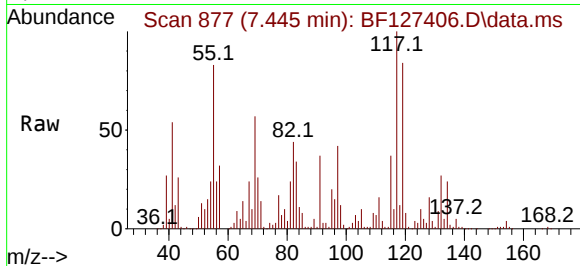
Tgt Ion:136 Resp: 97985
Ion Ratio Lower Upper
136 100
137 51.5 8.6 13.0#
54 96.1 7.8 11.6#
68 120.8 6.3 9.5#





#23
Nitrobenzene-d5
Concen: 107.634 ng
RT: 7.445 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

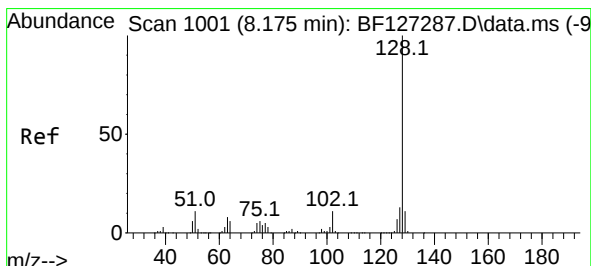
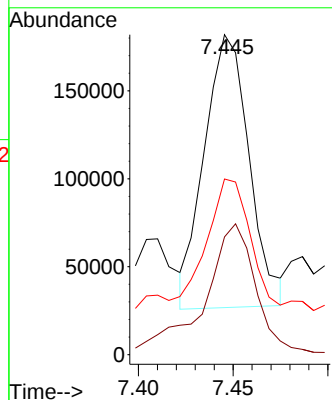
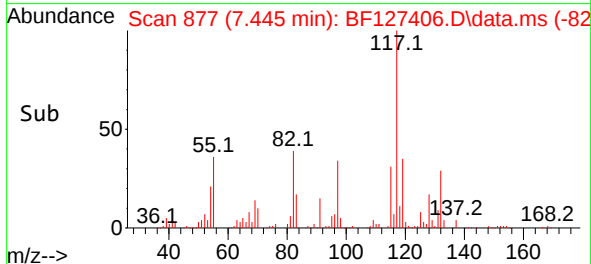
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0



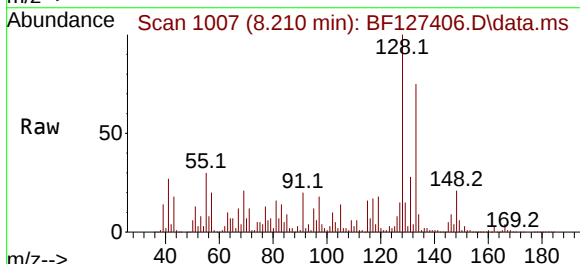
Tgt Ion: 82 Resp: 255370
Ion Ratio Lower Upper
82 100
128 36.8 32.7 49.1
54 54.9 41.7 62.5

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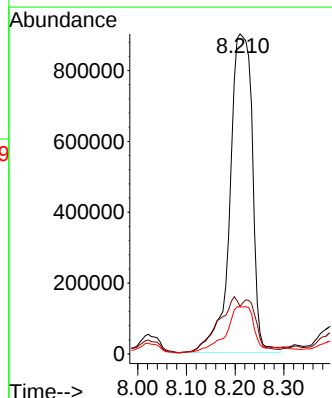
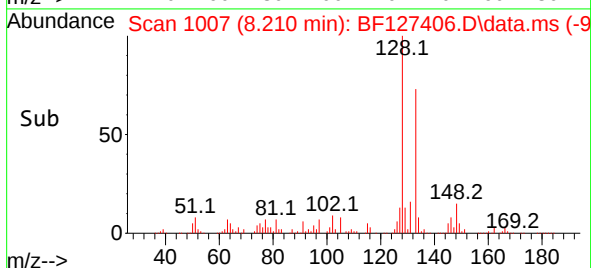
Reviewed By :Christian Giraldo 03/21/2022
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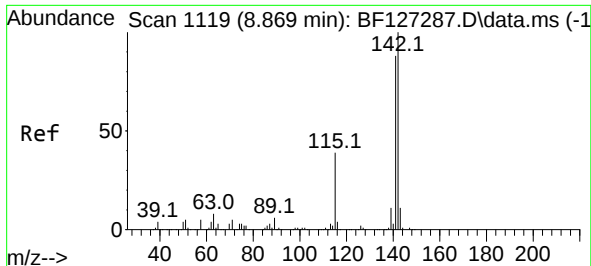


#31
Naphthalene
Concen: 551.224 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.041 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16



Tgt Ion:128 Resp: 2881194
Ion Ratio Lower Upper
128 100
129 14.9 8.6 13.0#
127 14.7 10.3 15.5





#37

2-Methylnaphthalene

Concen: 1505.132 ng

RT: 8.945 min Scan# 1119

Delta R.T. 0.088 min

Lab File: BF127406.D

Acq: 18 Mar 2022 22:16

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-25.5-26.0

Tgt Ion:142 Resp: 5140540

Ion Ratio Lower Upper

142 100

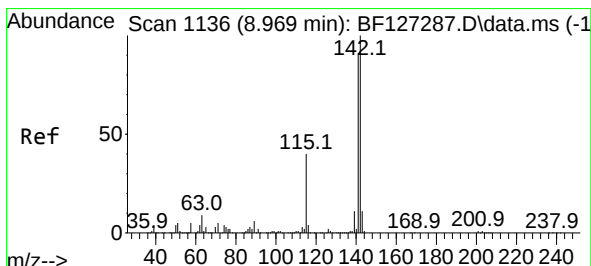
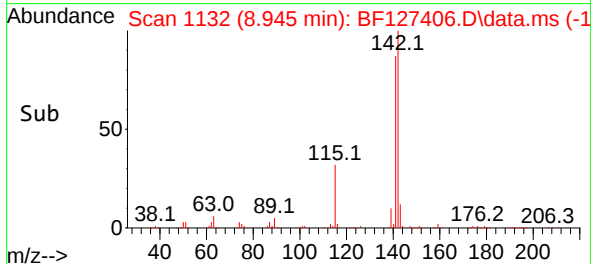
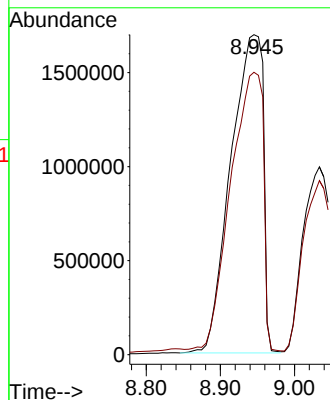
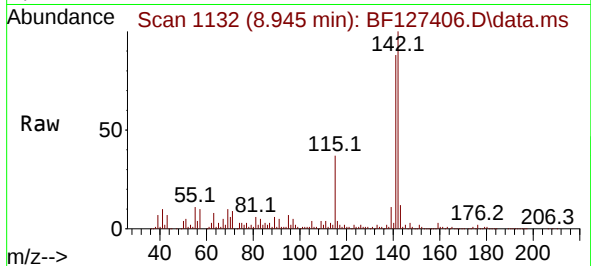
141 88.2 68.6 102.8

Manual Integrations

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#38

1-Methylnaphthalene

Concen: 840.724 ng

RT: 9.034 min Scan# 1147

Delta R.T. 0.076 min

Lab File: BF127406.D

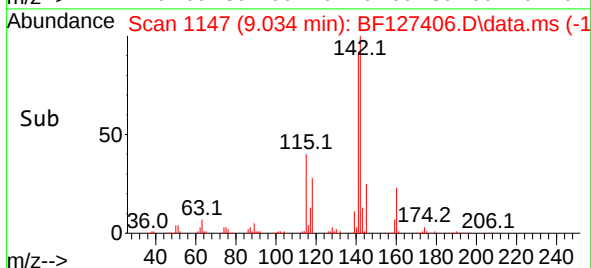
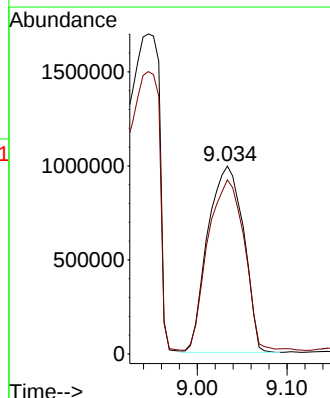
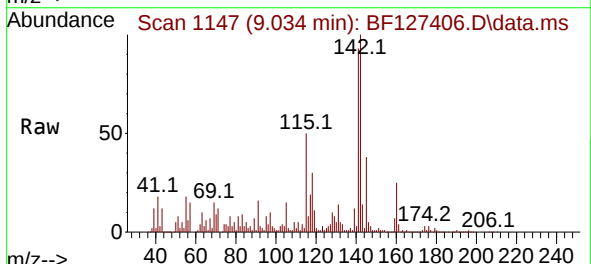
Acq: 18 Mar 2022 22:16

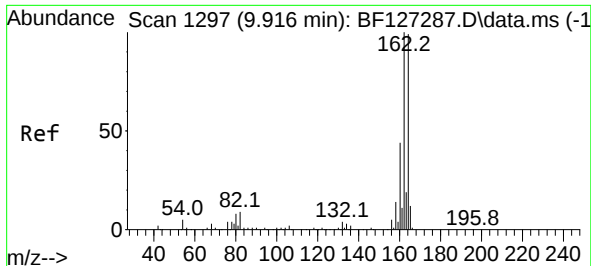
Tgt Ion:142 Resp: 2760414

Ion Ratio Lower Upper

142 100

141 92.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 11

Delta R.T. 0.071 min

Lab File: BF127406.D

Acq: 18 Mar 2022 22:16

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-25.5-26.0

Tgt Ion:164 Resp: 7707

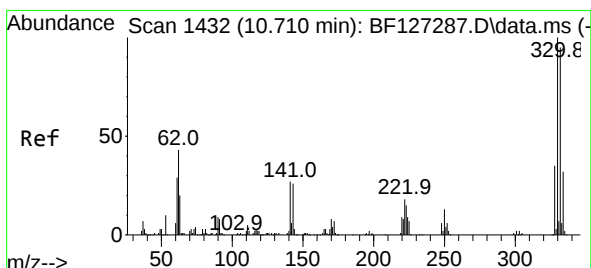
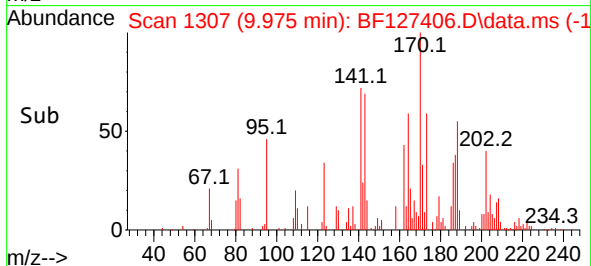
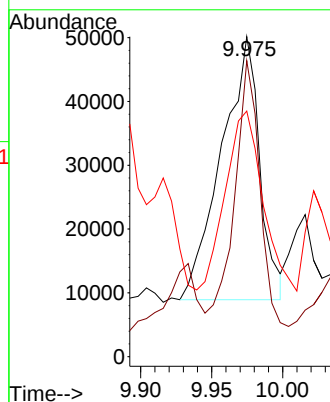
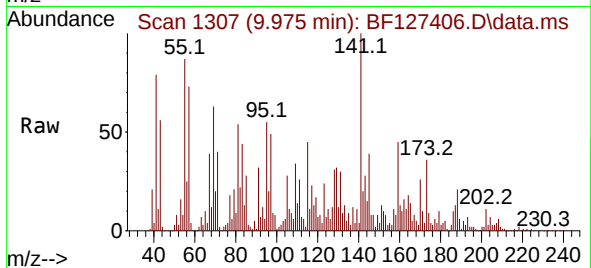
Ion	Ratio	Lower	Upper
164	100		
162	92.5	81.4	122.0
160	76.8	36.6	54.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/21/2022



#42

2,4,6-Tribromophenol

Concen: 45.926 ng

RT: 10.769 min Scan# 1442

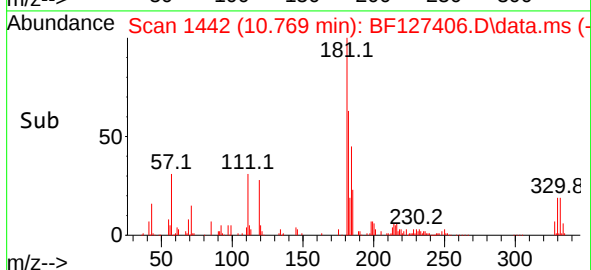
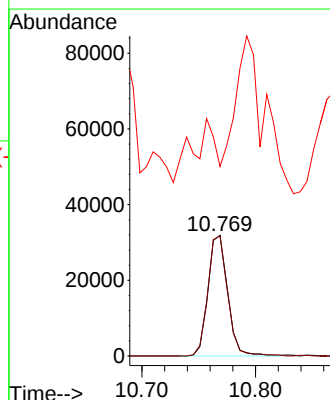
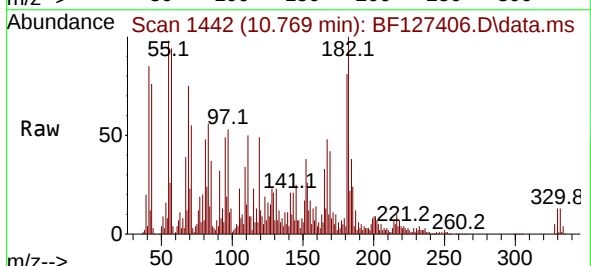
Delta R.T. 0.071 min

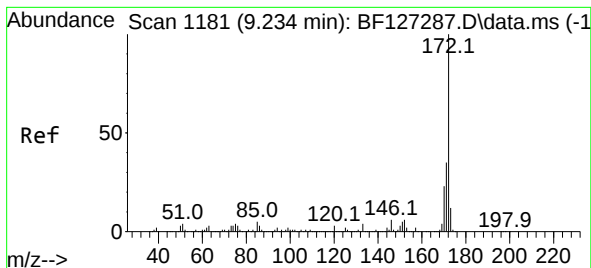
Lab File: BF127406.D

Acq: 18 Mar 2022 22:16

Tgt Ion:330 Resp: 38106

Ion	Ratio	Lower	Upper
330	100		
332	100.4	76.0	114.0
141	19.1	30.1	45.1





#45

2-Fluorobiphenyl

Concen: 54.640 ng

RT: 9.269 min Scan# 1181

Delta R.T. 0.047 min

Lab File: BF127406.D

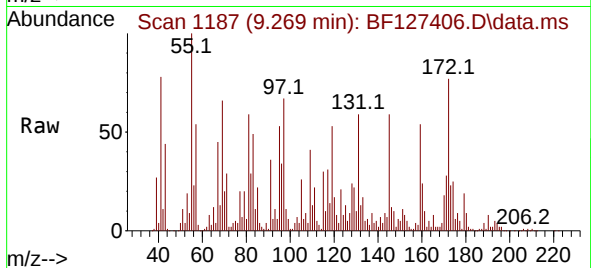
Acq: 18 Mar 2022 22:16

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-25.5-26.0



Tgt Ion:172 Resp: 29788

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

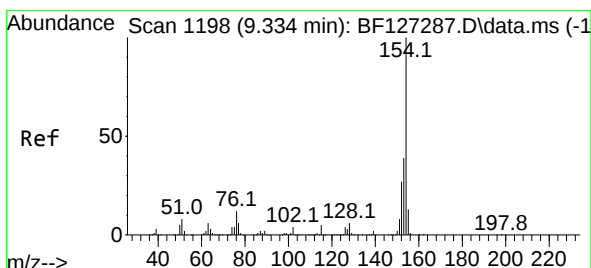
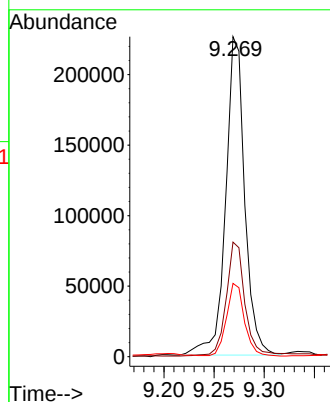
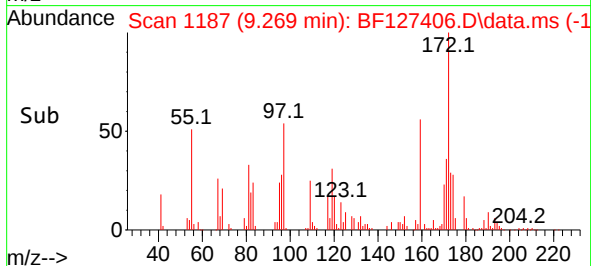
170 22.9 19.0 28.6

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#46

1,1'-Biphenyl

Concen: 176.440 ng

RT: 9.381 min Scan# 1206

Delta R.T. 0.059 min

Lab File: BF127406.D

Acq: 18 Mar 2022 22:16

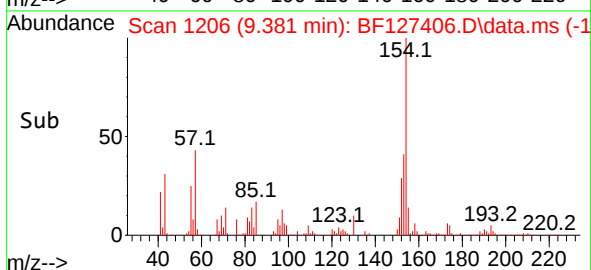
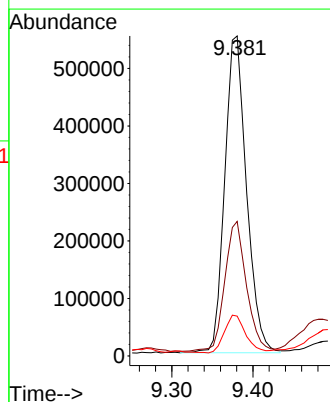
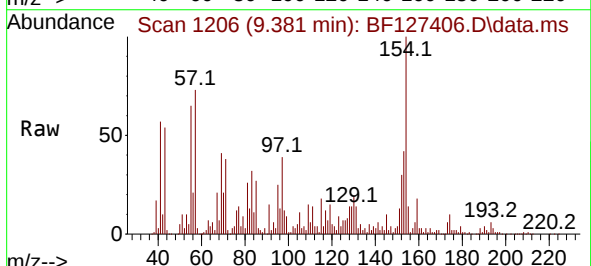
Tgt Ion:154 Resp: 1026410

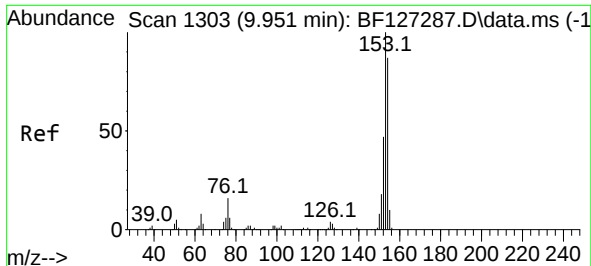
Ion Ratio Lower Upper

154 100

153 42.1 19.0 59.0

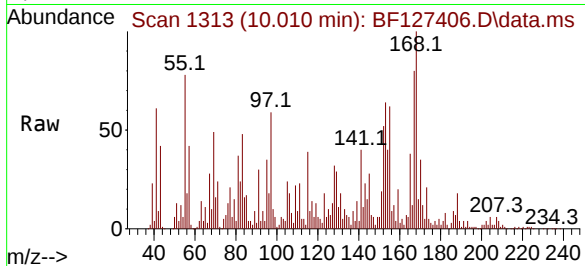
76 12.4 0.0 34.5





#52
Acenaphthene
Concen: 54.796 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

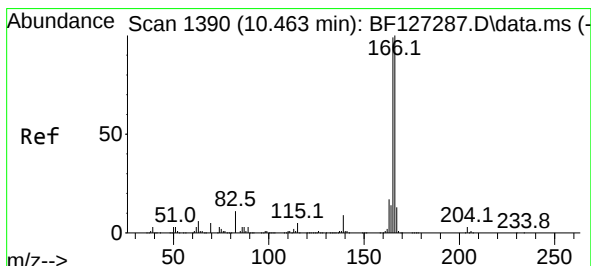
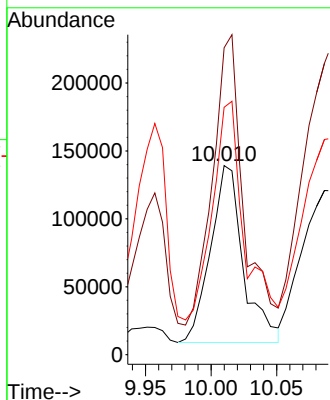
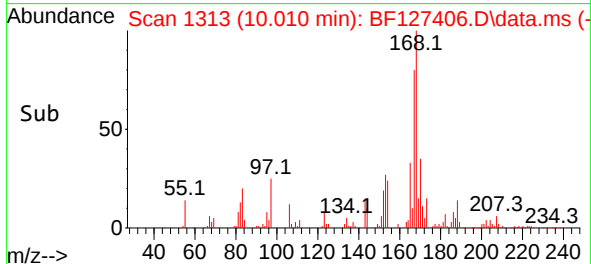
Instrument :
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PPSP-B13-25.5-26.0



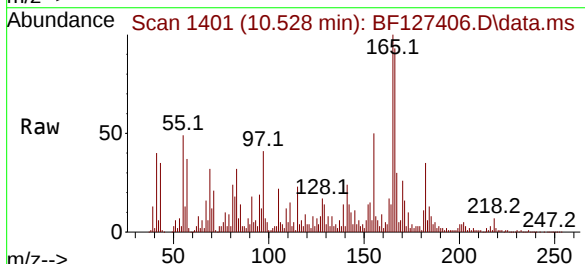
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Ion Ratio Lower Upper
154 100
153 162.3 87.8 131.6
152 130.9 39.4 59.2

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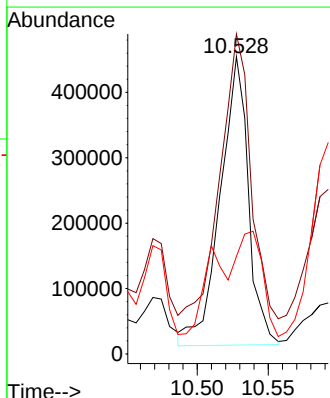
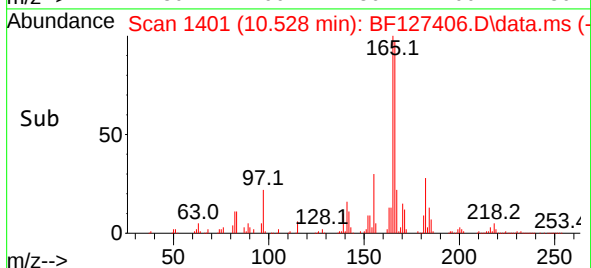
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

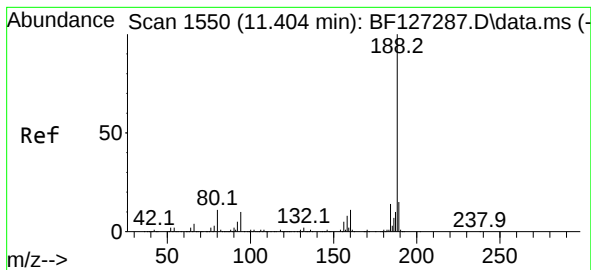


#58
Fluorene
Concen: 122.171 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.077 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16



Tgt Ion:166 Resp: 607950
Ion Ratio Lower Upper
166 100
165 107.6 77.7 116.5
167 32.8 10.7 16.1





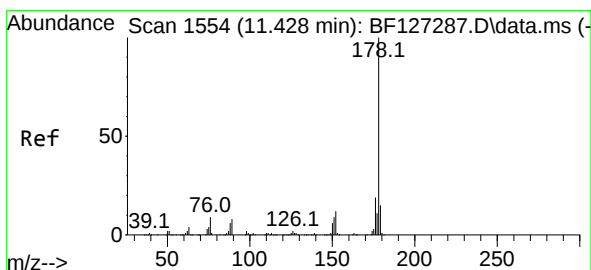
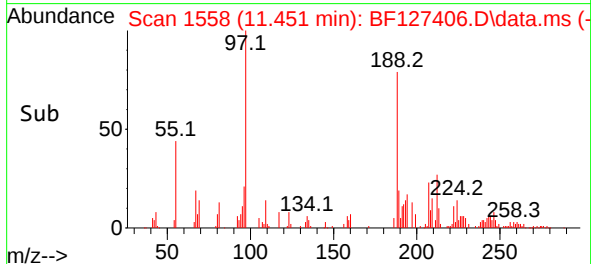
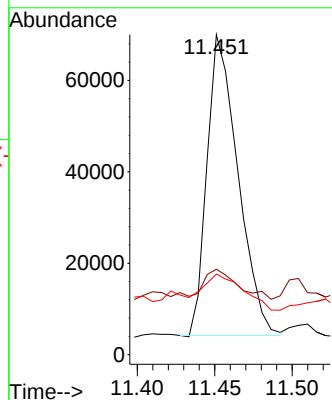
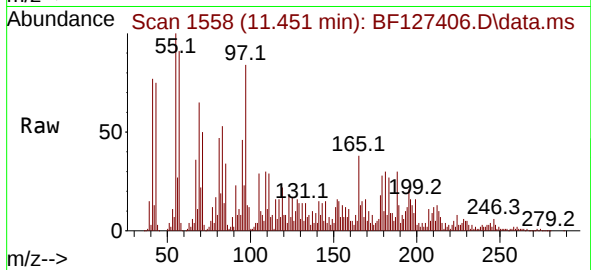
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0

Tgt Ion:188 Resp: 9135
Ion Ratio Lower Upper
188 100
94 26.7 10.1 15.1
80 25.2 11.8 17.6

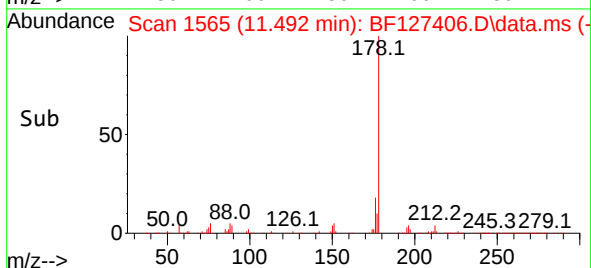
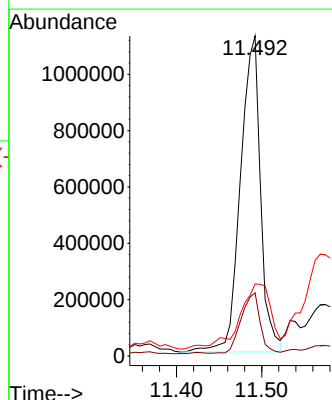
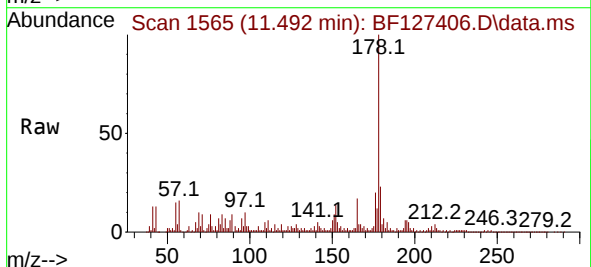
Manual Integrations
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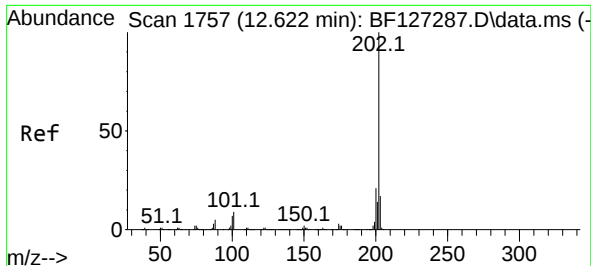
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#71
Phenanthrene
Concen: 381.591 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.071 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

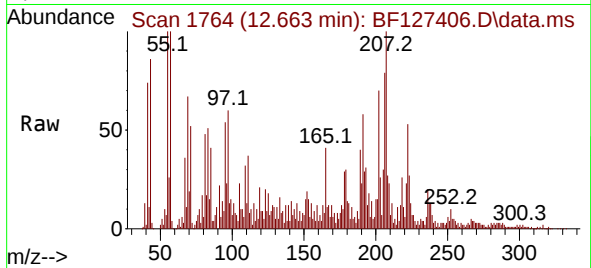
Tgt Ion:178 Resp: 1840191
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 22.5 12.3 18.5





#75
Fluoranthene
Concen: 12.930 ng
RT: 12.663 min Scan# 1764
Delta R.T. 0.053 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

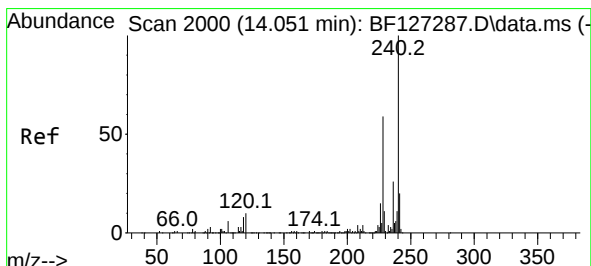
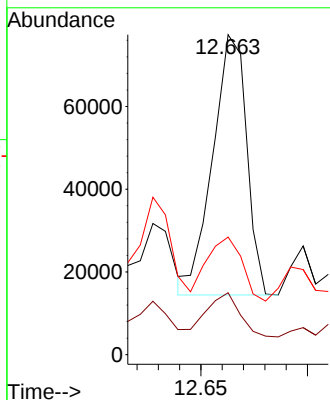
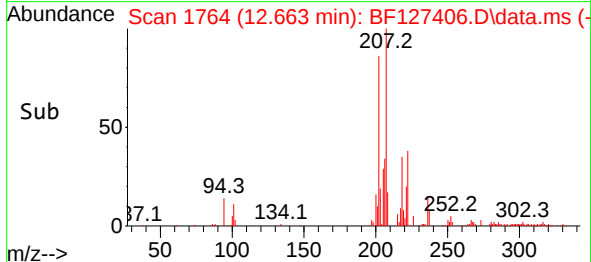
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0



Tgt Ion:202 Resp: 69710
Ion Ratio Lower Upper
202 100
101 19.4 0.0 35.7
203 36.8 0.0 37.1

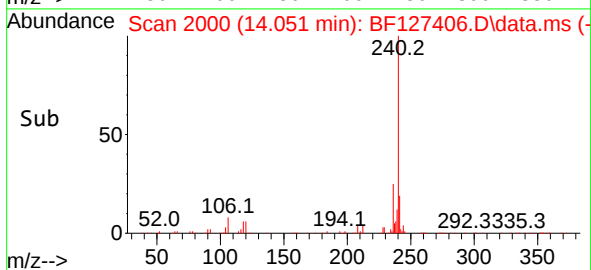
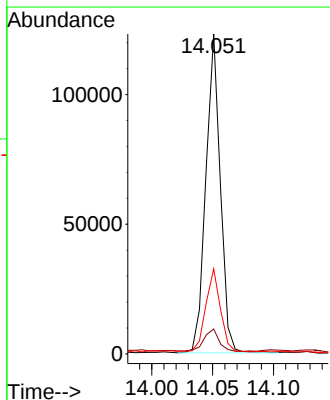
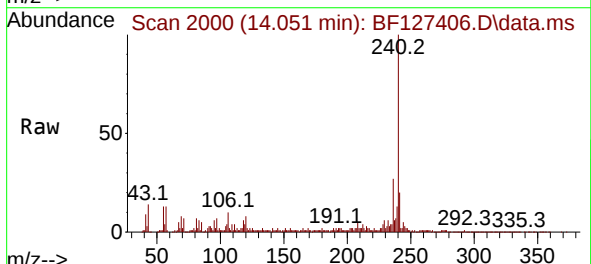
Manual Integrations
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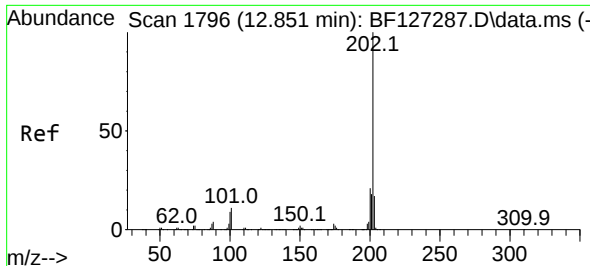
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

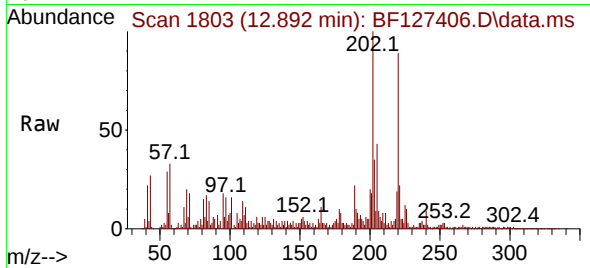
Tgt Ion:240 Resp: 101844
Ion Ratio Lower Upper
240 100
120 7.8 14.4 21.6#
236 26.6 20.5 30.7





#78
Pyrene
Concen: 40.416 ng m
RT: 12.892 min Scan# 1803
Delta R.T. 0.053 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

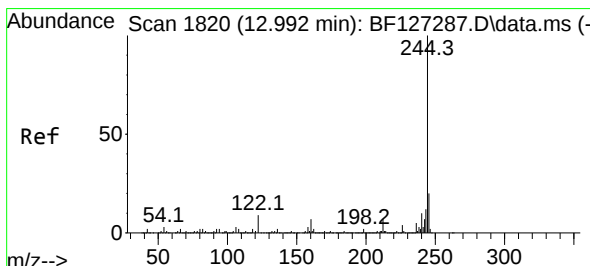
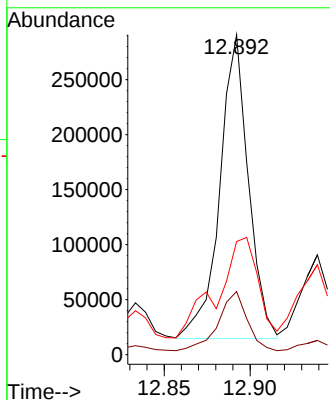
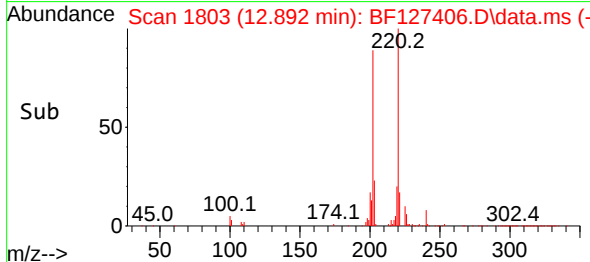
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0



Tgt Ion:202 Resp: 32060
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 35.4 13.8 20.8

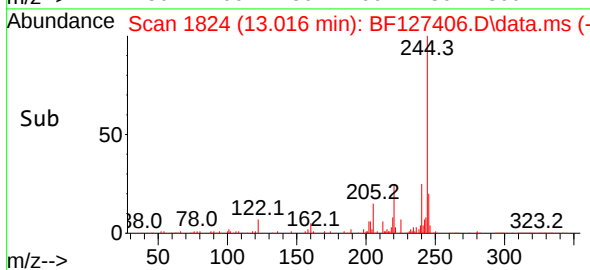
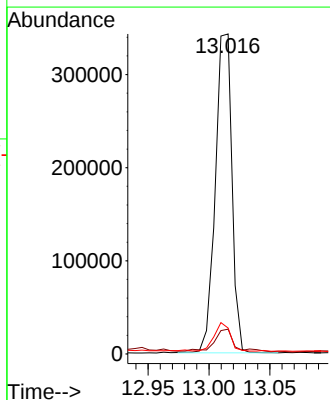
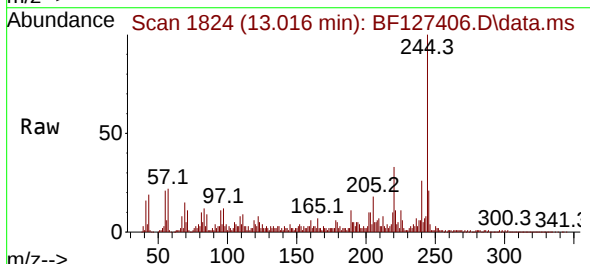
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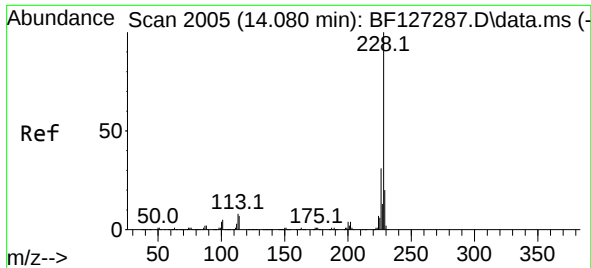
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022



#79
Terphenyl-d14
Concen: 55.008 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.035 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

Tgt Ion:244 Resp: 325340
Ion Ratio Lower Upper
244 100
212 7.8 5.0 7.4#
122 8.1 13.3 19.9#





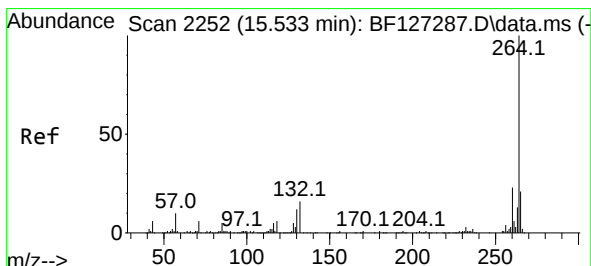
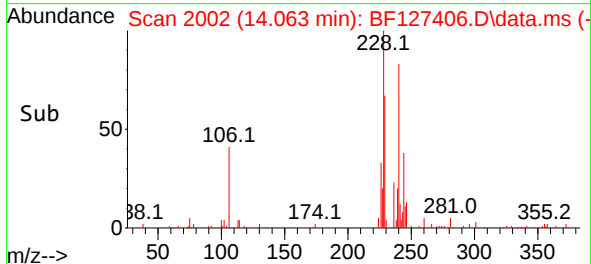
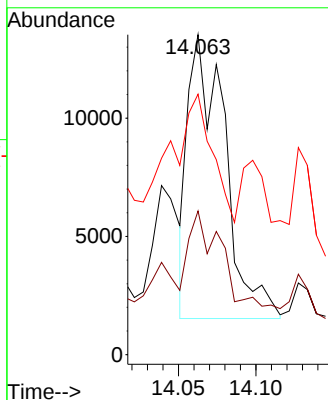
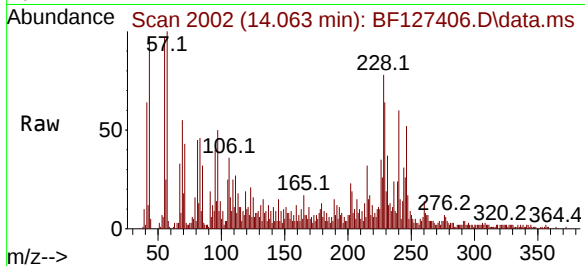
#83
Chrysene
Concen: 3.120 ng m
RT: 14.063 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127406.D
Acq: 18 Mar 2022 22:16

Instrument :
BNA_F
ClientSampleId :
PPSP-B13-25.5-26.0

Tgt Ion:228 Resp: 1990
Ion Ratio Lower Upper
228 100
226 44.9 23.7 35.5
229 81.4 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: BF127406.D
Acq: 18 Mar 2022 22:16

Tgt Ion:264 Resp: 107079
Ion Ratio Lower Upper
264 100
260 24.9 19.2 28.8
265 21.6 17.4 26.2

