

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127189.D
 Acq On : 03 Mar 2022 23:44
 Operator : CG\JU
 Sample : N1688-06DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/04/2022
 Supervised By :Jagrut Upadhyay 03/04/2022

Quant Time: Mar 04 02:15:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	124284	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	474742	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	221979	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	287224	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	182727	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	155403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	92204	11.466	ng	0.00
7) Phenol-d6	6.522	99	104007	9.585	ng	0.00
23) Nitrobenzene-d5	7.457	82	383351	36.448	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	64940	25.409	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	629917	41.776	ng	0.00
79) Terphenyl-d14	13.010	244	396905	31.931	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.892	142	620090	38.561	ng	97
38) 1-Methylnaphthalene	8.986	142	449293	29.177	ng	98

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

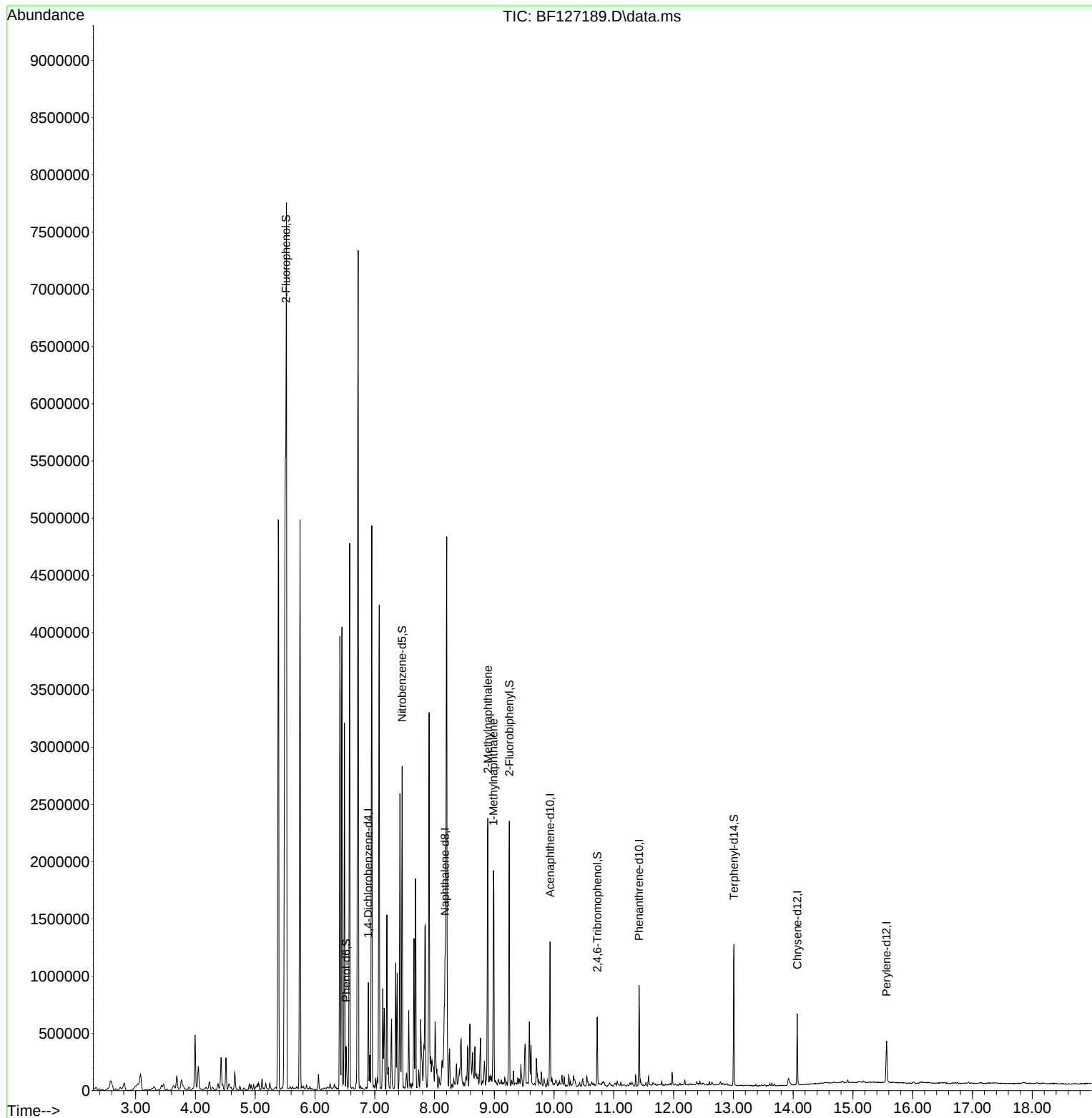
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
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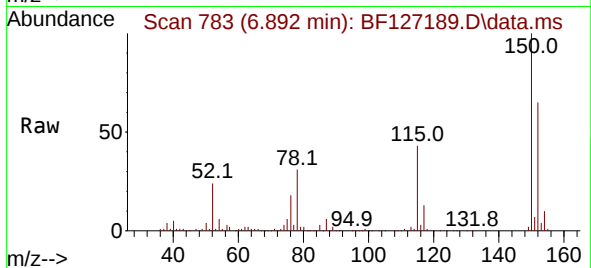
Quant Time: Mar 04 02:15:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

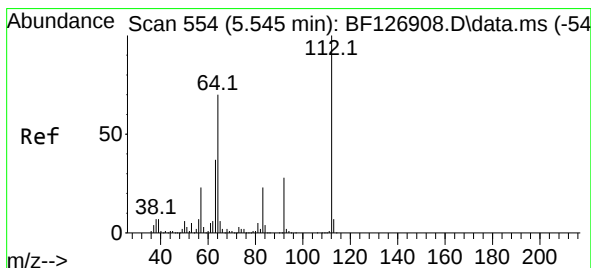
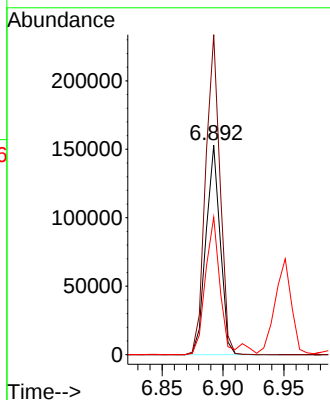
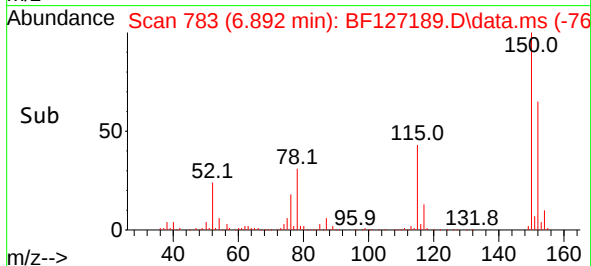
Instrument :
BNA_F
ClientSampleId :
MW-23DL



Tgt Ion:152 Resp: 124284
Ion Ratio Lower Upper
152 100
150 152.7 128.1 192.1
115 65.7 56.7 85.1

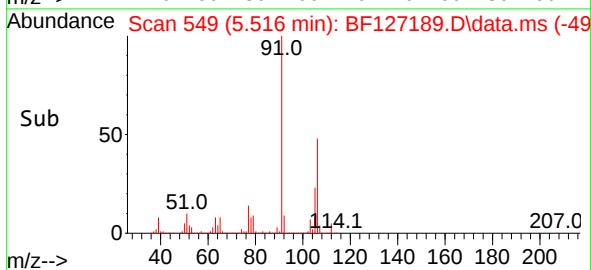
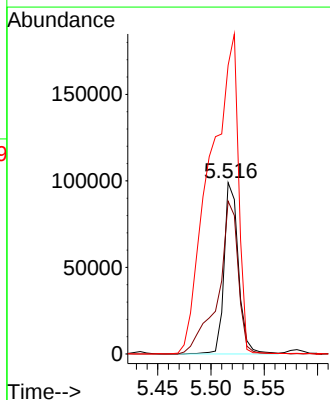
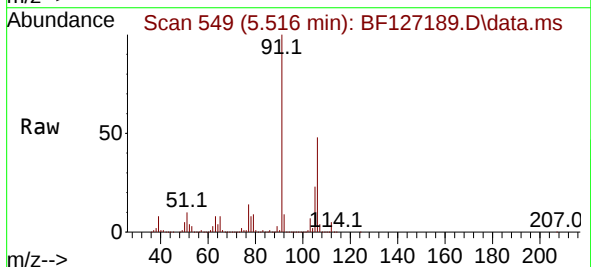
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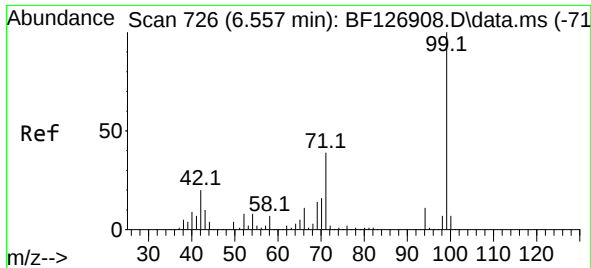
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#5
2-Fluorophenol
Concen: 11.466 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

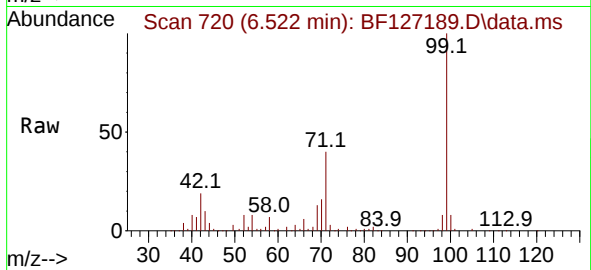
Tgt Ion:112 Resp: 92204
Ion Ratio Lower Upper
112 100
64 89.2 49.5 74.3#
63 168.4 23.9 35.9#





#7
Phenol-d6
Concen: 9.585 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

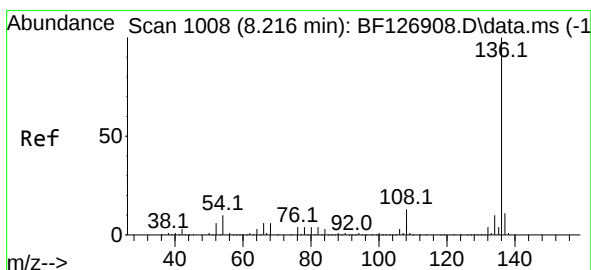
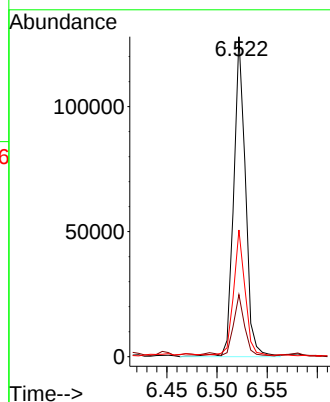
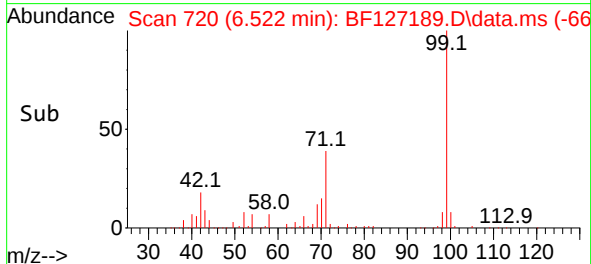
Instrument :
BNA_F
ClientSampleId :
MW-23DL



Tgt Ion: 99 Resp: 10400
Ion Ratio Lower Upper
99 100
42 19.4 14.2 21.4
71 39.6 24.3 36.5

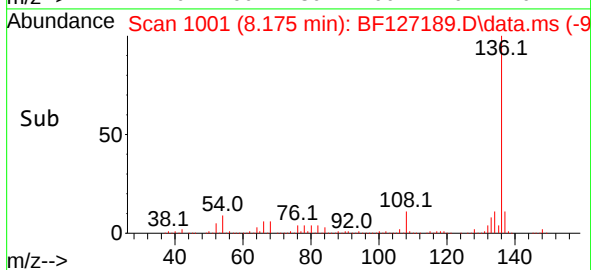
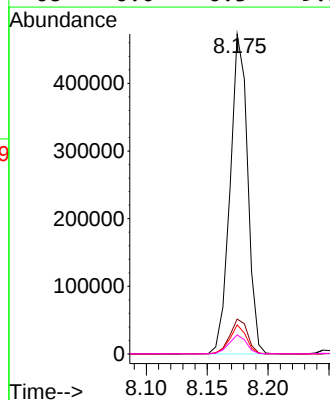
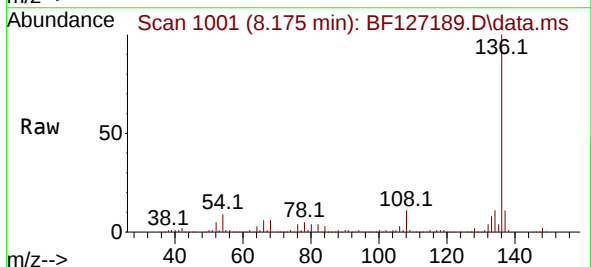
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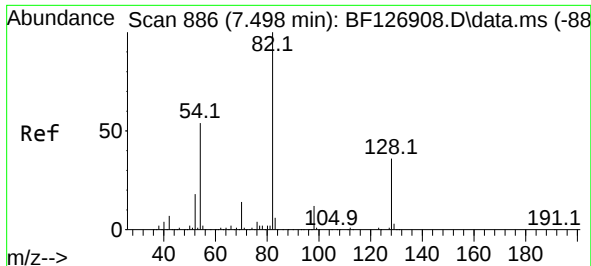
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion:136 Resp: 474742
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 7.8 11.6
68 6.0 6.3 9.5





#23

Nitrobenzene-d5

Concen: 36.448 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

MW-23DL

Tgt Ion: 82 Resp: 38335

Ion Ratio Lower Upper

82 100

128 43.4 32.7 49.1

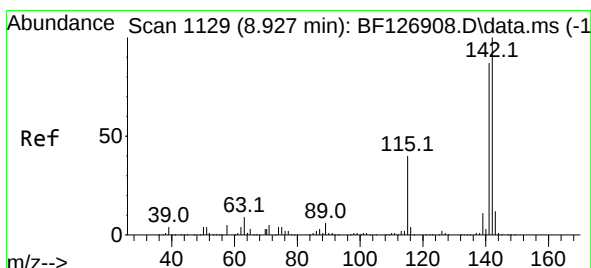
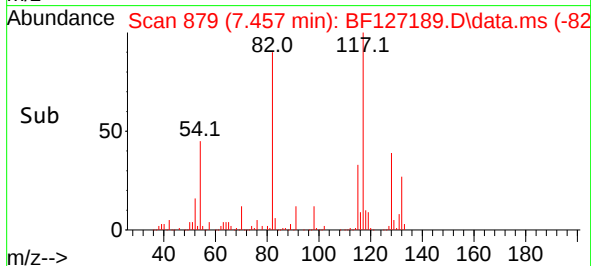
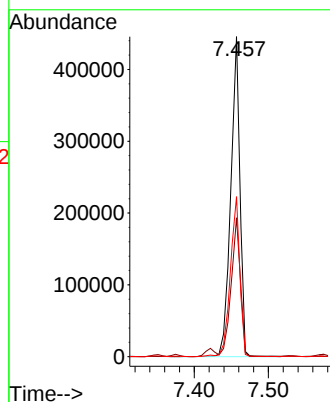
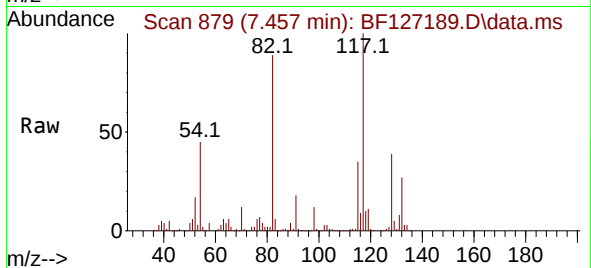
54 50.0 41.7 62.5

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#37

2-Methylnaphthalene

Concen: 38.561 ng

RT: 8.892 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF127189.D

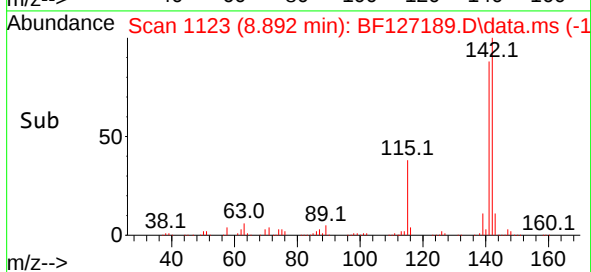
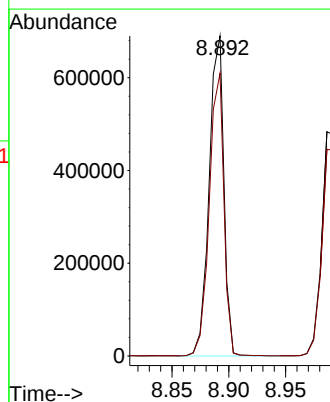
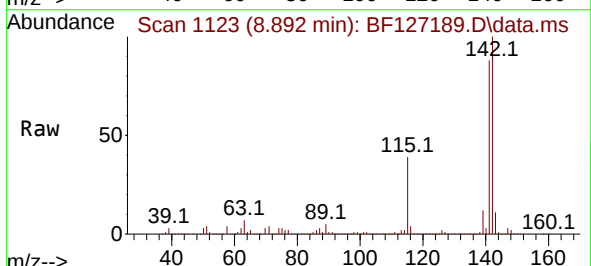
Acq: 03 Mar 2022 23:44

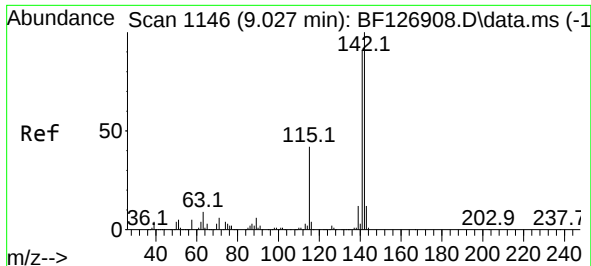
Tgt Ion:142 Resp: 620090

Ion Ratio Lower Upper

142 100

141 88.3 68.6 102.8





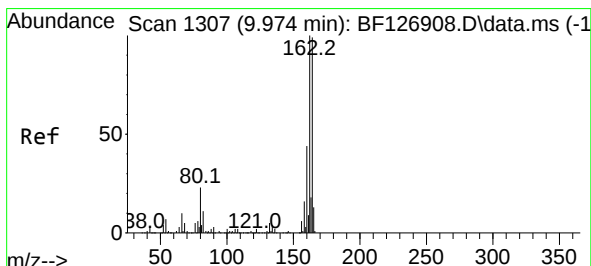
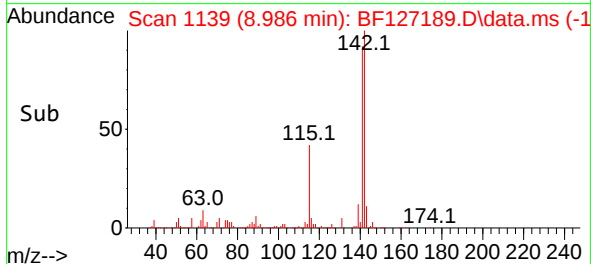
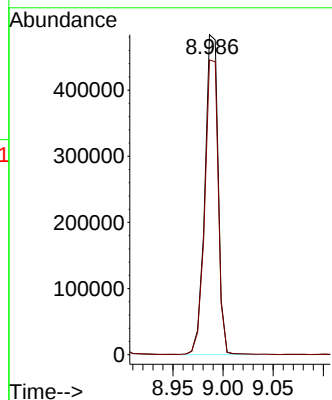
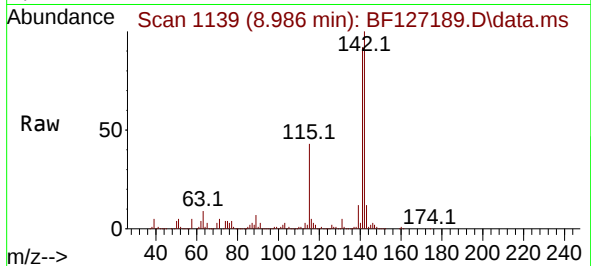
#38
1-Methylnaphthalene
Concen: 29.177 ng
RT: 8.986 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Instrument :
BNA_F
ClientSampleId :
MW-23DL

Tgt Ion:142 Resp: 44929
Ion Ratio Lower Upper
142 100
141 92.1 72.1 108.1

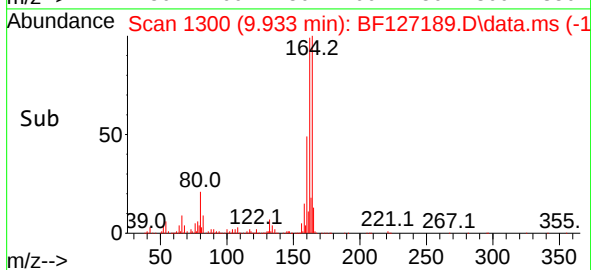
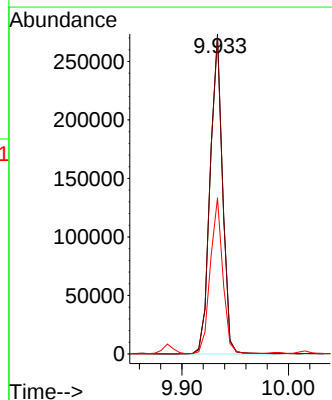
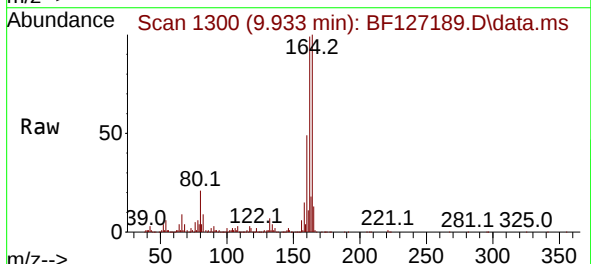
Manual Integrations
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

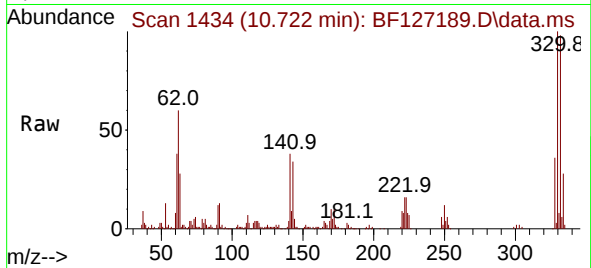
Tgt Ion:164 Resp: 221979
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 48.8 36.6 54.8





#42
 2,4,6-Tribromophenol
 Concen: 25.409 ng
 RT: 10.722 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF127189.D
 Acq: 03 Mar 2022 23:44

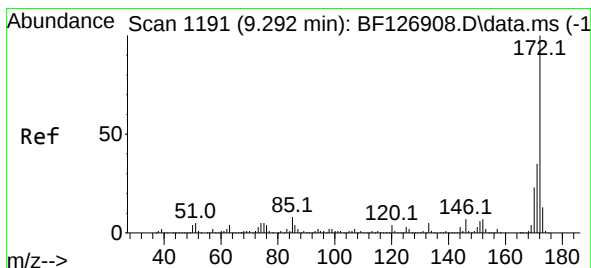
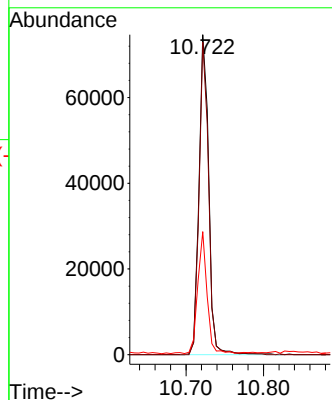
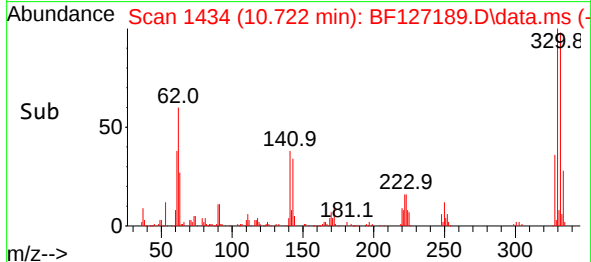
Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL



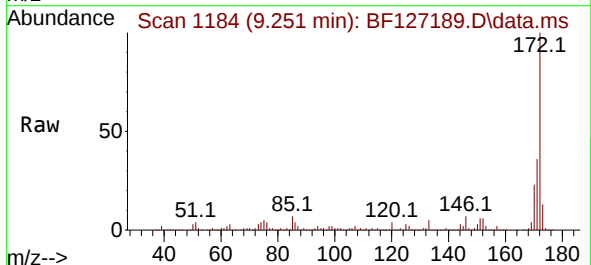
Tgt Ion:330 Resp: 64940
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.0 114.0
 141 37.1 30.1 45.1

Manual Integrations
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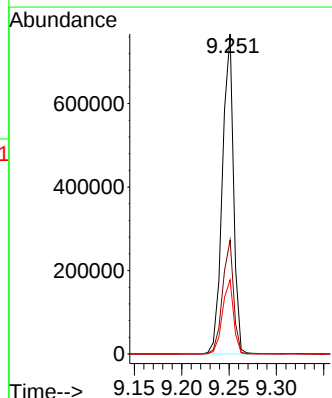
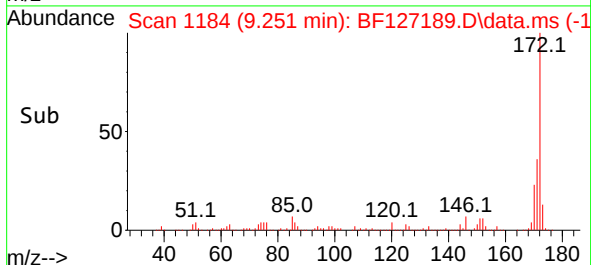
Reviewed By :Christian Giraldo 03/04/2022
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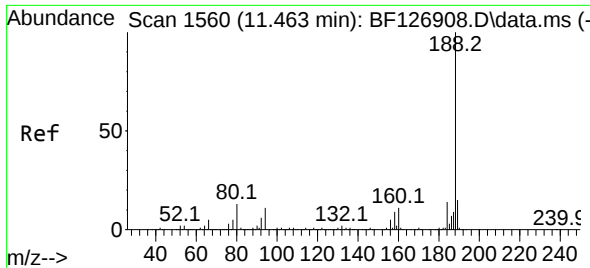


#45
 2-Fluorobiphenyl
 Concen: 41.776 ng
 RT: 9.251 min Scan# 1184
 Delta R.T. -0.000 min
 Lab File: BF127189.D
 Acq: 03 Mar 2022 23:44



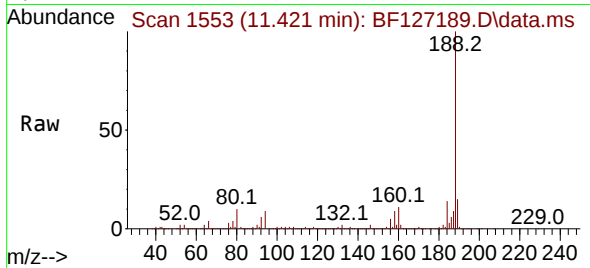
Tgt Ion:172 Resp: 629917
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.2 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

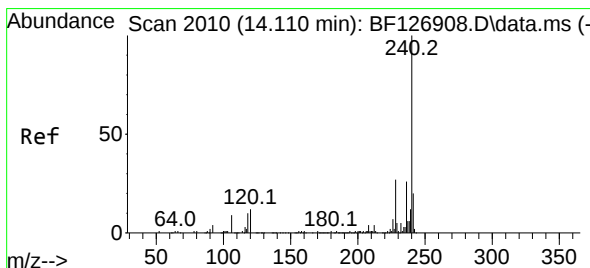
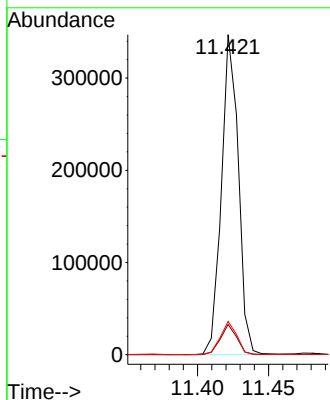
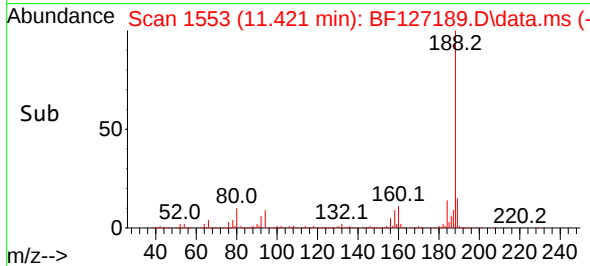
Instrument :
BNA_F
ClientSampleId :
MW-23DL



Tgt Ion:188 Resp: 287224
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1
80 10.4 11.8 17.6

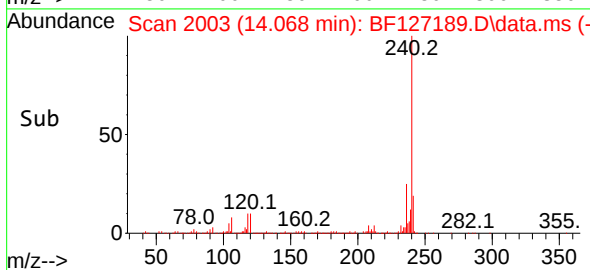
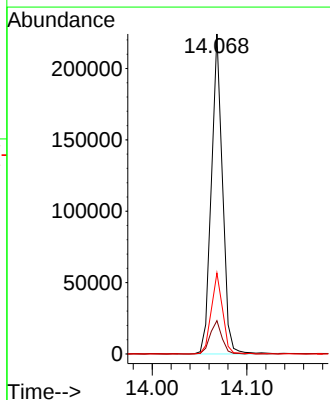
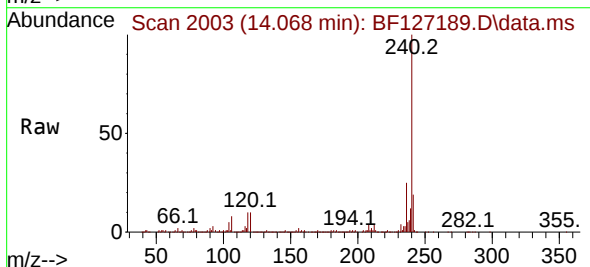
Manual Integrations
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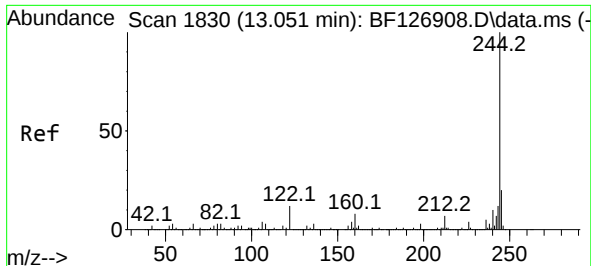
Reviewed By :Christian Giraldo 03/04/2022
Supervised By :Jagrut Upadhyay 03/04/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

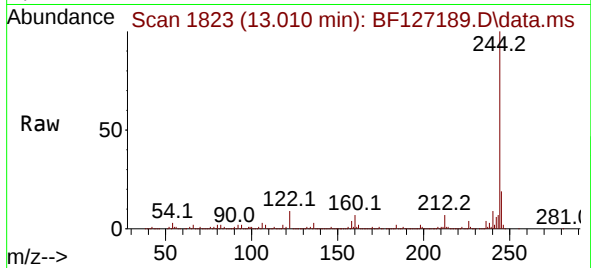
Tgt Ion:240 Resp: 182727
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6
236 25.3 20.5 30.7





#79
Terphenyl-d14
Concen: 31.931 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

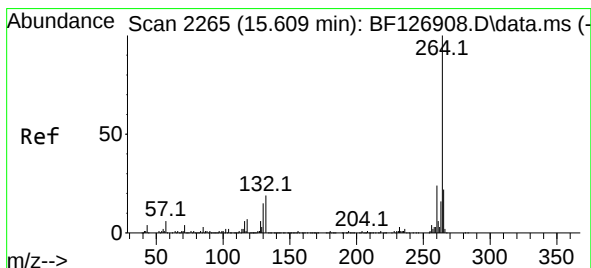
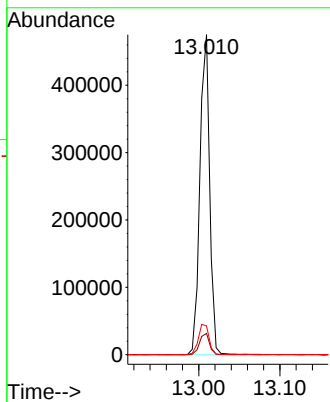
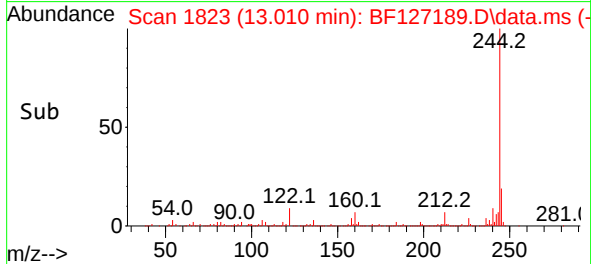
Instrument :
BNA_F
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Tgt Ion:244 Resp: 396908
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 9.0 13.3 19.9

Manual Integrations
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Supervised By :Jagrut Upadhyay 03/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion:264 Resp: 155403
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.1 17.4 26.2

