

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130772.D
 Acq On : 25 Oct 2022 16:42
 Operator : CG\JU
 Sample : N5222-01DL2 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12DL2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/02/2022
 Supervised By : Jagrut Upadhyay 11/02/2022

Quant Time: Oct 26 15:01:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	116560	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	450900	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	212978	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	329145	20.000	ng	0.00
76) Chrysene-d12	13.704	240	343124	20.000	ng	# 0.00
86) Perylene-d12	15.086	264	275101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	47259	6.992	ng	0.05
7) Phenol-d6	6.263	99	32470m	3.970	ng	0.04
23) Nitrobenzene-d5	7.139	82	77020	9.061	ng	0.00
42) 2,4,6-Tribromophenol	10.386	330	21933	10.829	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	136949	9.799	ng	-0.01
79) Terphenyl-d14	12.651	244	170330	8.365	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.875	128	2508308	107.889	ng	99
37) 2-Methylnaphthalene	8.557	142	335058	21.996	ng	100
38) 1-Methylnaphthalene	8.657	142	632424	41.875	ng	99
46) 1,1'-Biphenyl	9.022	154	91481	6.158	ng	98
52) Acenaphthene	9.622	154	79262	7.006	ng	98
58) Fluorene	10.139	166	33778	2.332	ng	99
71) Phenanthrene	11.098	178	70327	3.896	ng	99

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

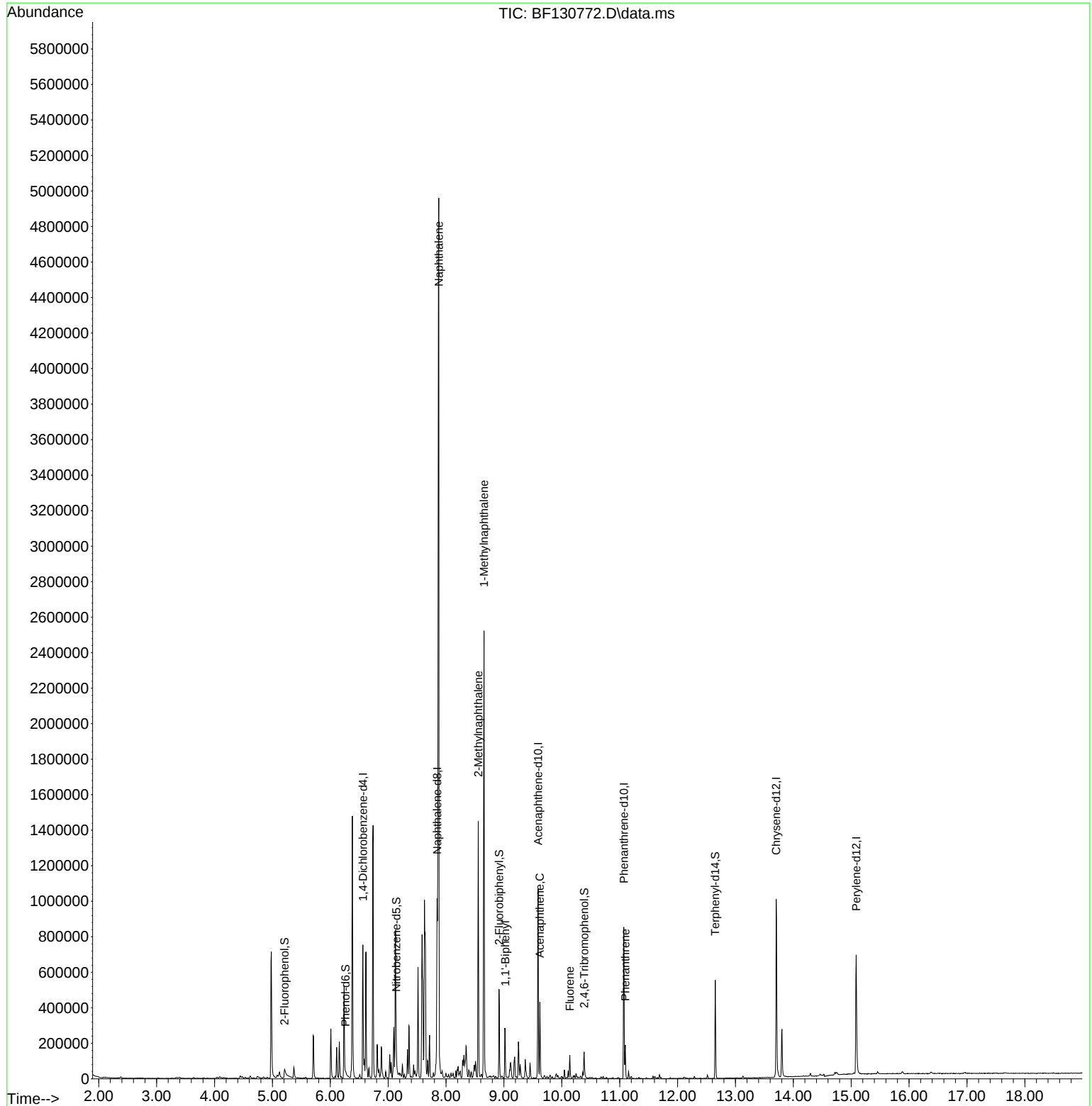
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
Data File : BF130772.D
Acq On : 25 Oct 2022 16:42
Operator : CG\JU
Sample : N5222-01DL2 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

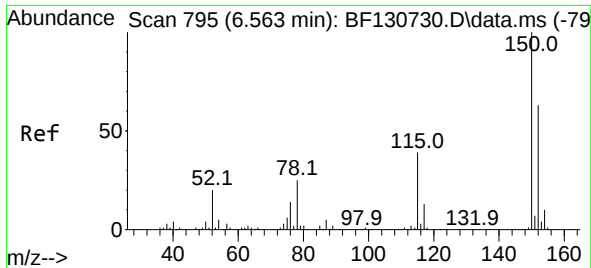
Instrument :
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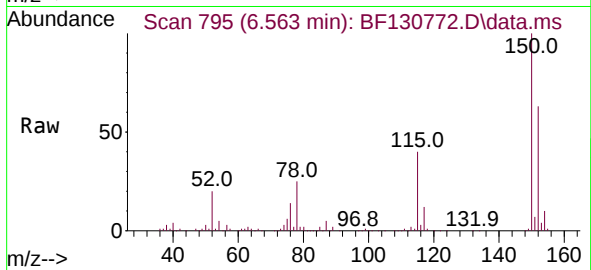
Quant Time: Oct 26 15:01:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

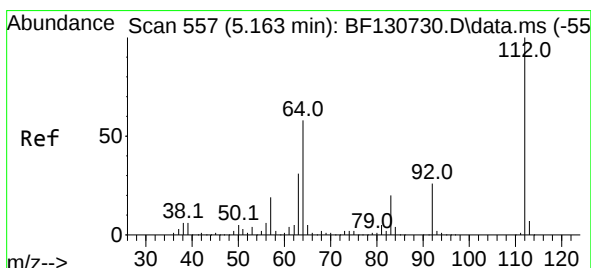
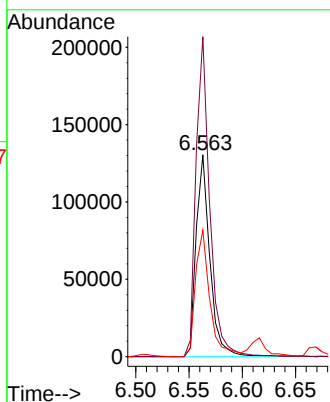
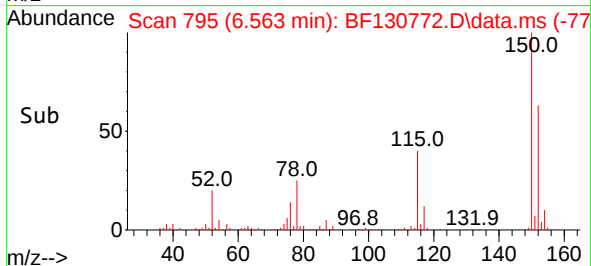
Instrument :
BNA_F
ClientSampleId :
MW-12DL2



Tgt Ion:152 Resp: 116560
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 62.7 49.9 74.9

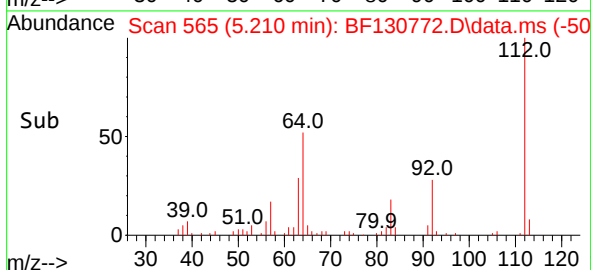
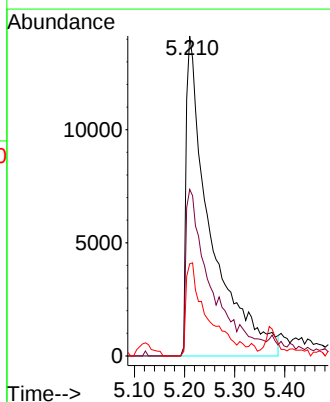
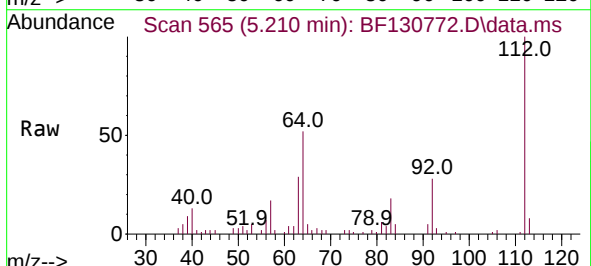
Manual Integrations
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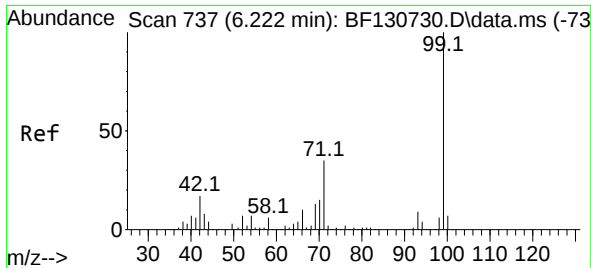
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#5
2-Fluorophenol
Concen: 6.992 ng
RT: 5.210 min Scan# 565
Delta R.T. 0.047 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

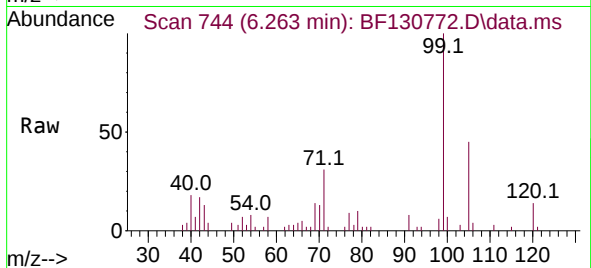
Tgt Ion:112 Resp: 47259
Ion Ratio Lower Upper
112 100
64 52.0 46.2 69.4
63 28.8 25.1 37.7





#7
Phenol-d6
Concen: 3.970 ng m
RT: 6.263 min Scan# 74
Delta R.T. 0.041 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

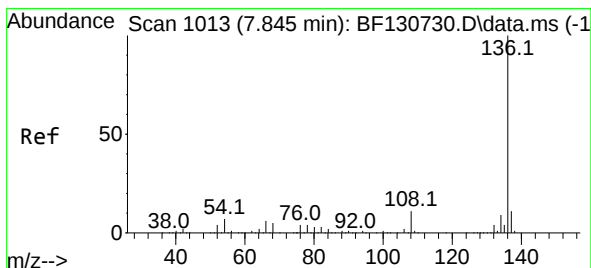
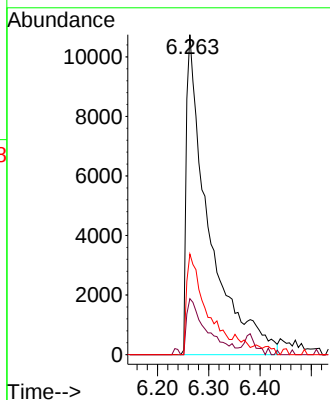
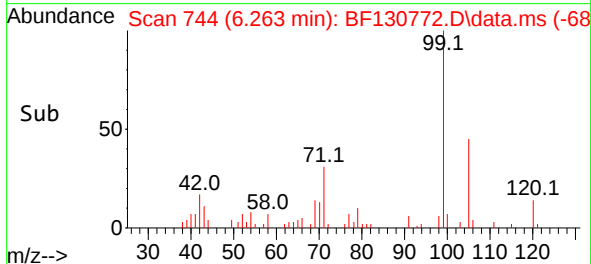
Instrument :
BNA_F
ClientSampleId :
MW-12DL2



Tgt Ion: 99 Resp: 32470
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 31.4 28.3 42.5

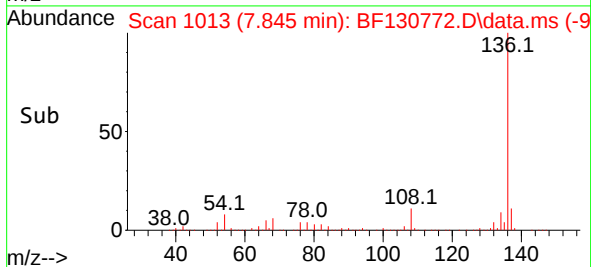
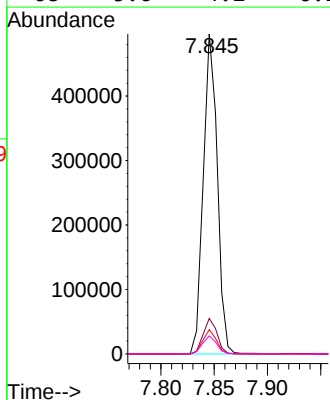
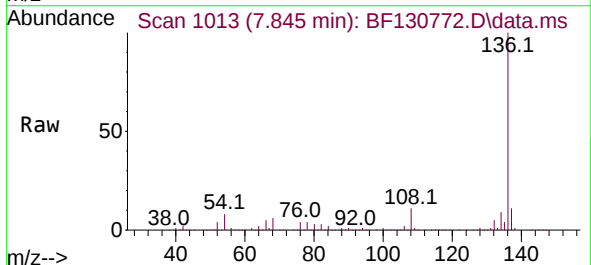
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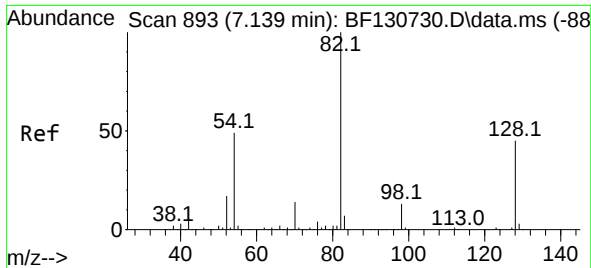
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

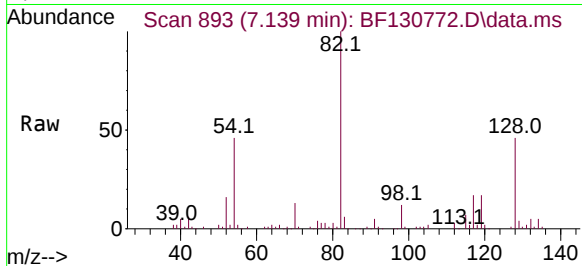
Tgt Ion:136 Resp: 450900
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.6 5.8 8.8
68 5.6 4.2 6.2





#23
Nitrobenzene-d5
Concen: 9.061 ng
RT: 7.139 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

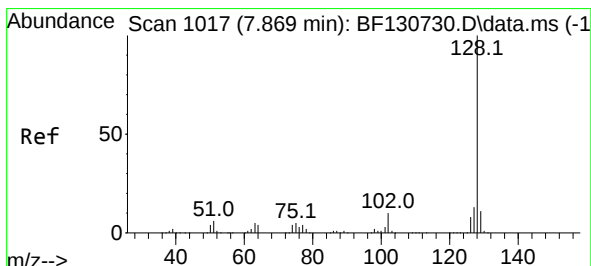
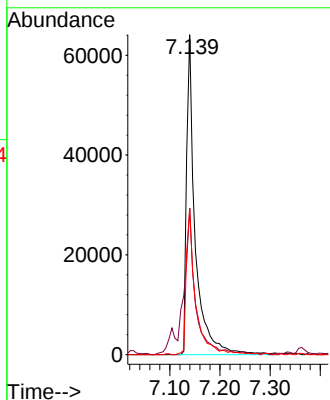
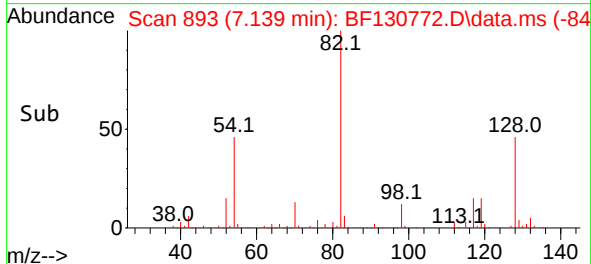
Instrument :
BNA_F
Client SampleId :
MW-12DL2



Tgt Ion: 82 Resp: 77020
Ion Ratio Lower Upper
82 100
128 45.7 35.9 53.9
54 45.7 39.2 58.8

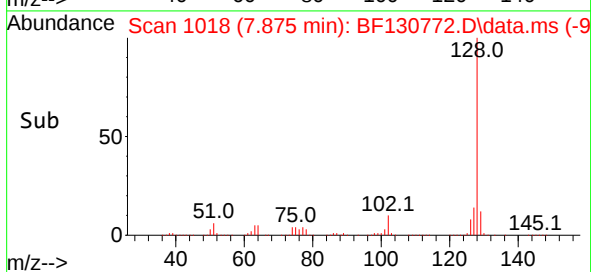
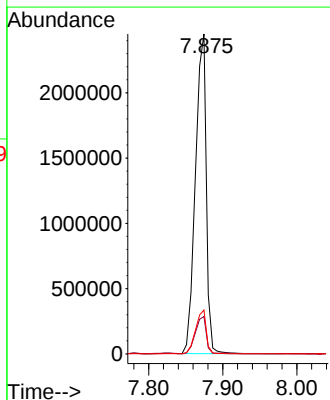
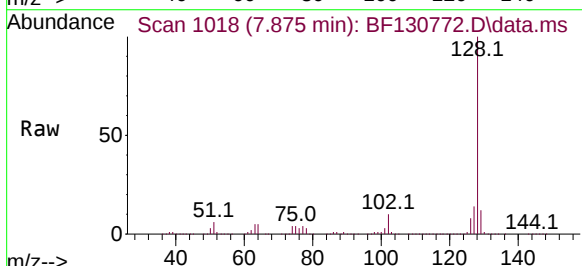
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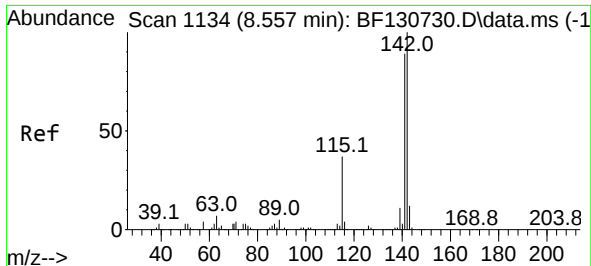
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022



#31
Naphthalene
Concen: 107.889 ng
RT: 7.875 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

Tgt Ion:128 Resp: 2508308
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.7 10.6 16.0





#37

2-Methylnaphthalene

Concen: 21.996 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

Instrument :

BNA_F

ClientSampleId :

MW-12DL2

Tgt Ion:142 Resp: 335058

Ion Ratio Lower Upper

142 100

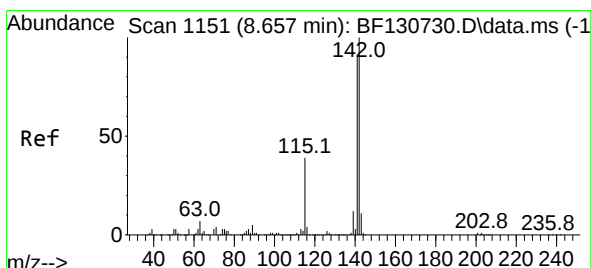
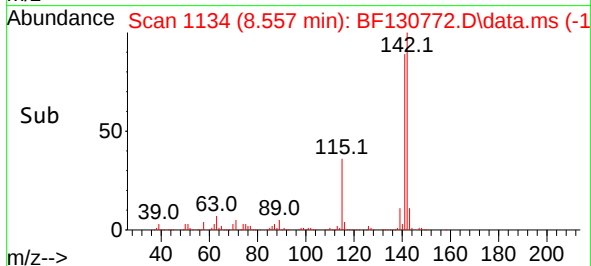
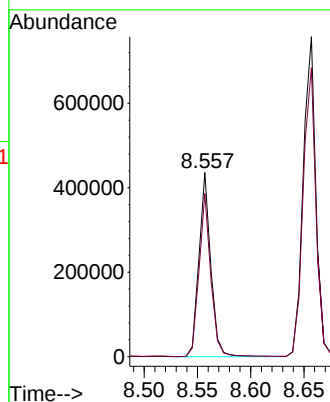
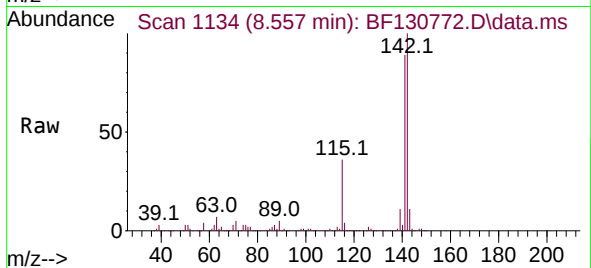
141 88.6 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#38

1-Methylnaphthalene

Concen: 41.875 ng

RT: 8.657 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130772.D

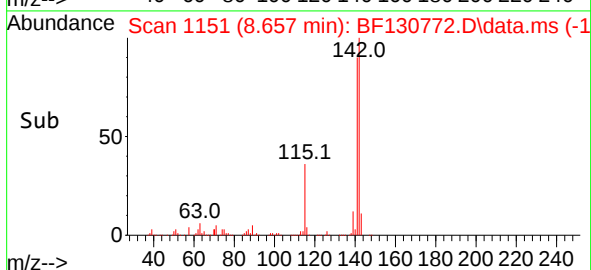
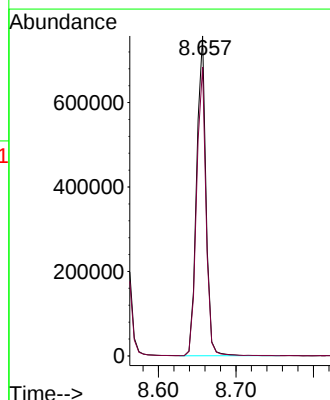
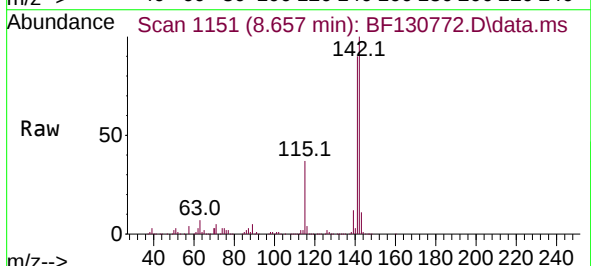
Acq: 25 Oct 2022 16:42

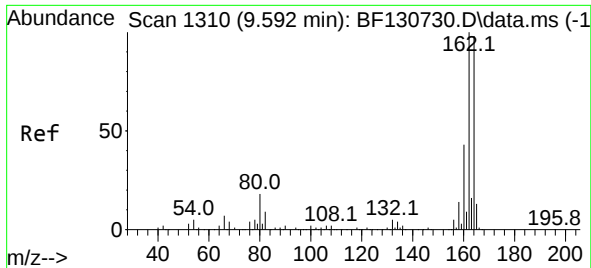
Tgt Ion:142 Resp: 632424

Ion Ratio Lower Upper

142 100

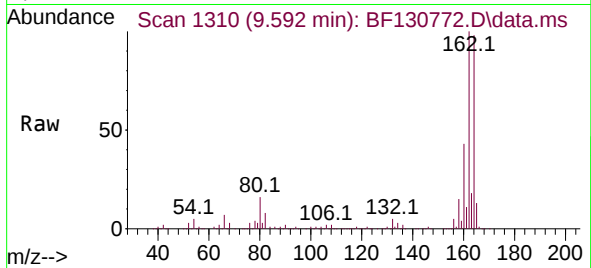
141 90.3 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

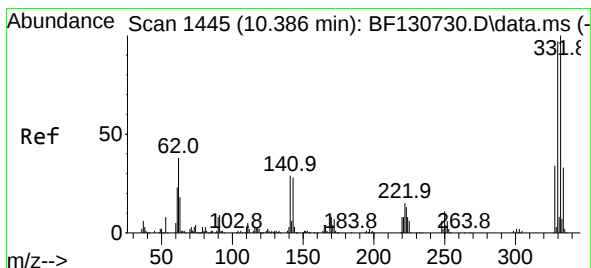
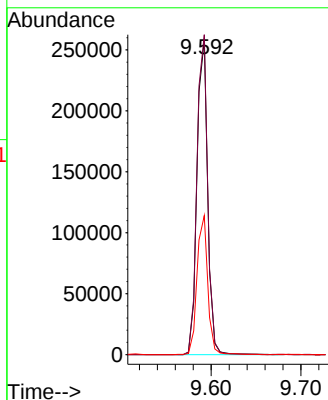
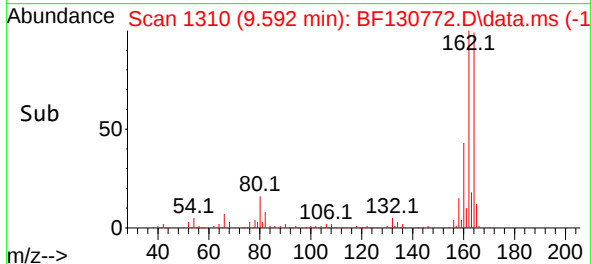
Instrument :
BNA_F
ClientSampleId :
MW-12DL2



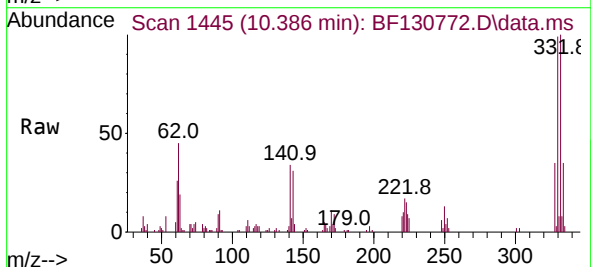
Tgt Ion:164 Resp: 212978
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.2 35.0 52.4

Manual Integrations
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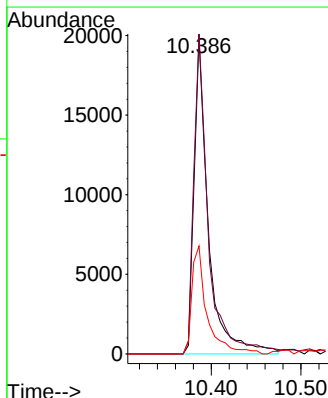
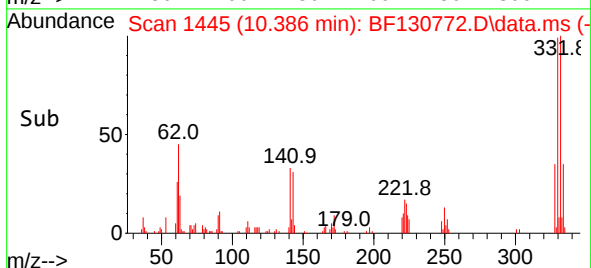
Reviewed By :Christian Giraldo 11/02/2022
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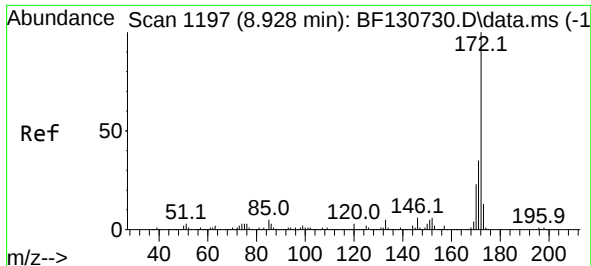


#42
2,4,6-Tribromophenol
Concen: 10.829 ng
RT: 10.386 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



Tgt Ion:330 Resp: 21933
Ion Ratio Lower Upper
330 100
332 104.2 81.4 122.2
141 36.0 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 9.799 ng

RT: 8.916 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF130772.D

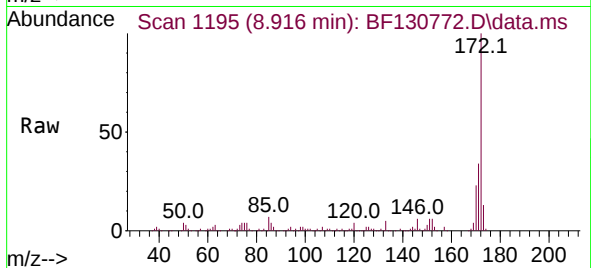
Acq: 25 Oct 2022 16:42

Instrument :

BNA_F

ClientSampleId :

MW-12DL2



Tgt Ion:172 Resp: 136949

Ion Ratio Lower Upper

172 100

171 34.3 28.2 42.2

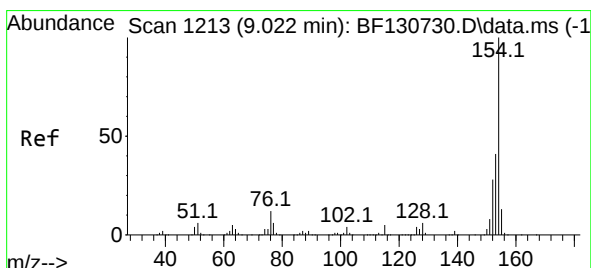
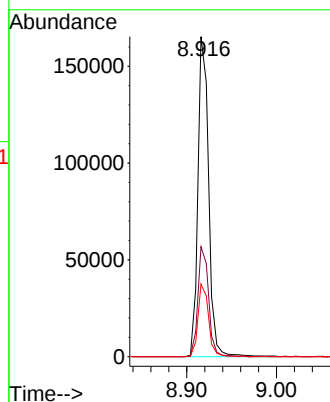
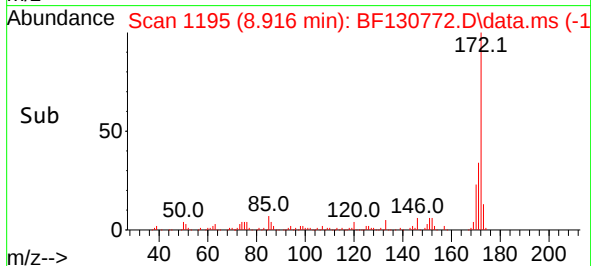
170 22.7 18.5 27.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#46

1,1'-Biphenyl

Concen: 6.158 ng

RT: 9.022 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

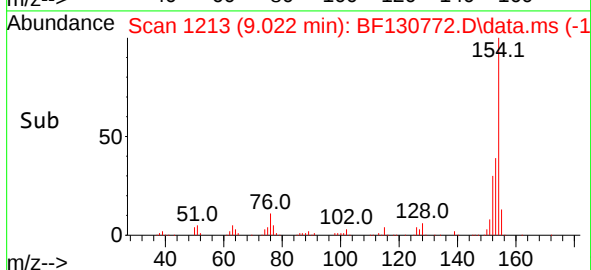
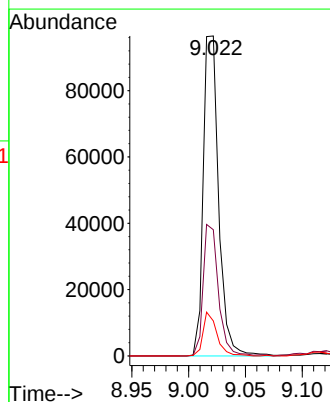
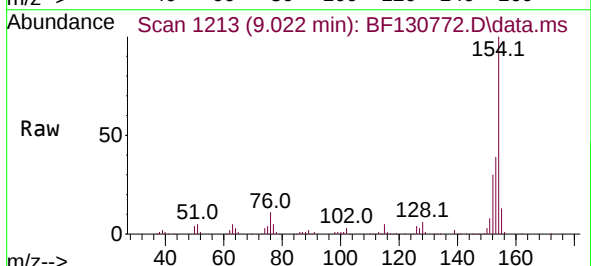
Tgt Ion:154 Resp: 91481

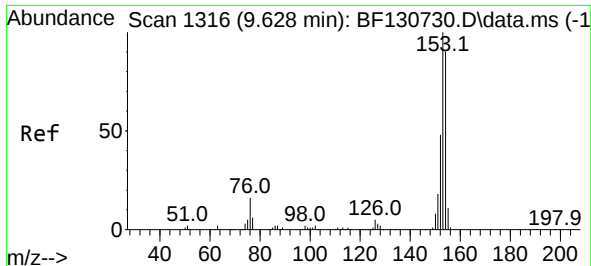
Ion Ratio Lower Upper

154 100

153 39.4 20.7 60.7

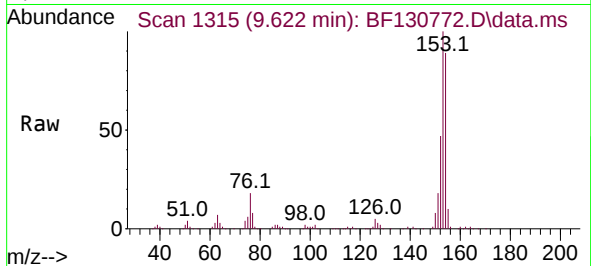
76 10.9 0.0 31.7





#52
Acenaphthene
Concen: 7.006 ng
RT: 9.622 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

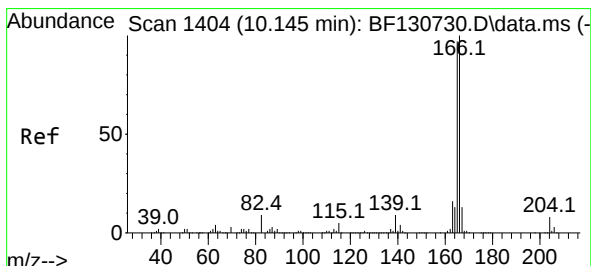
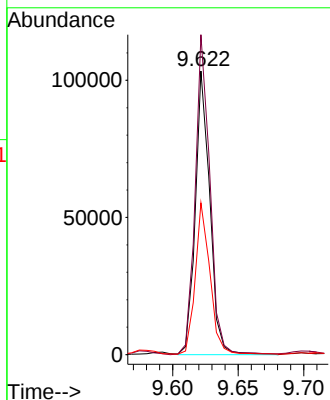
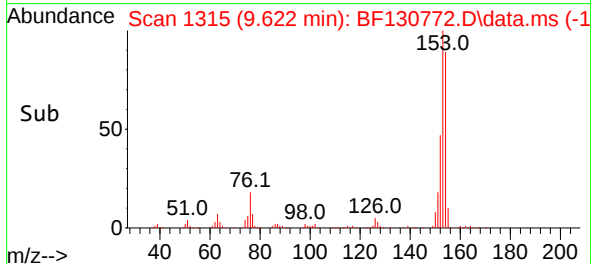
Instrument :
BNA_F
ClientSampleId :
MW-12DL2



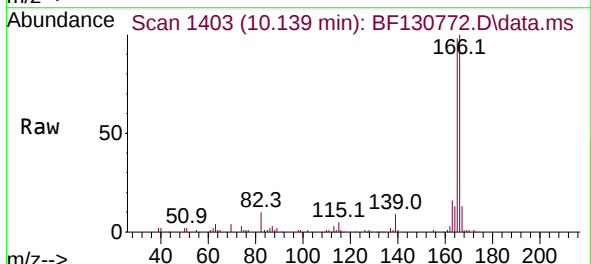
Tgt Ion:154 Resp: 79262
Ion Ratio Lower Upper
154 100
153 112.8 88.4 132.6
152 53.5 42.0 63.0

Manual Integrations
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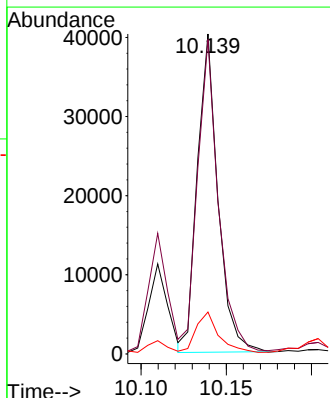
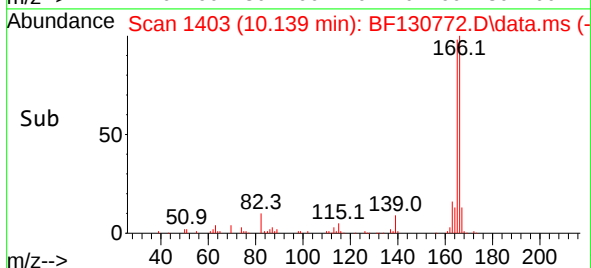
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

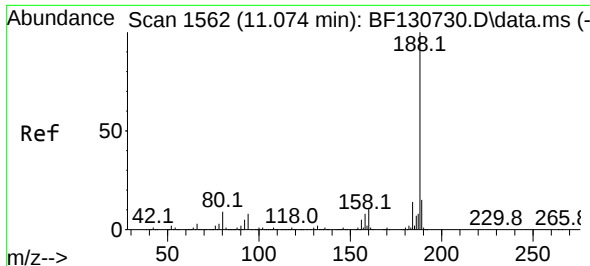


#58
Fluorene
Concen: 2.332 ng
RT: 10.139 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



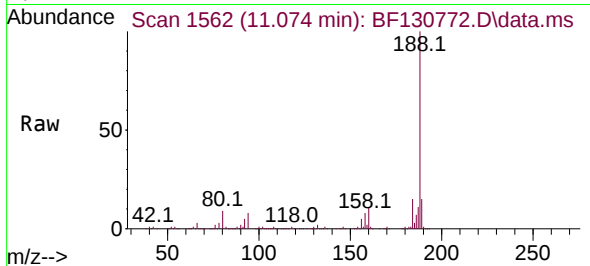
Tgt Ion:166 Resp: 33778
Ion Ratio Lower Upper
166 100
165 98.3 77.6 116.4
167 13.1 10.3 15.5





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42

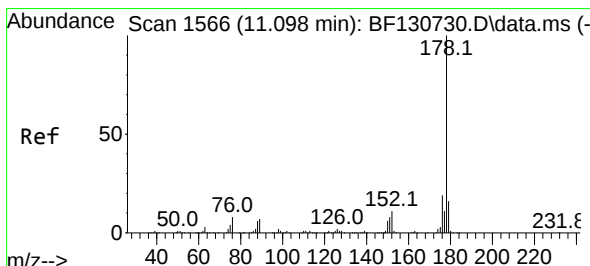
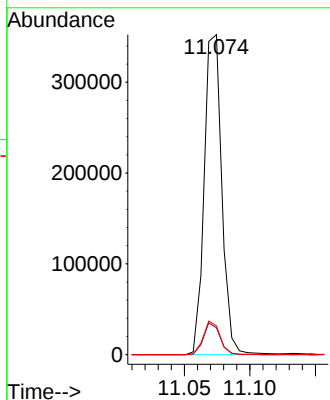
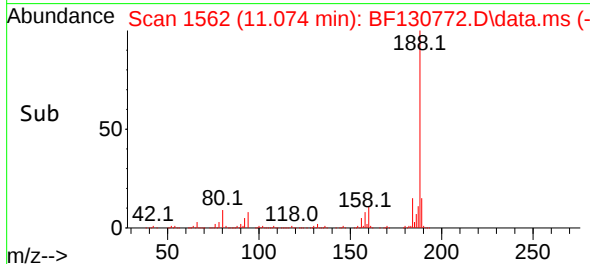
Instrument :
BNA_F
ClientSampleId :
MW-12DL2



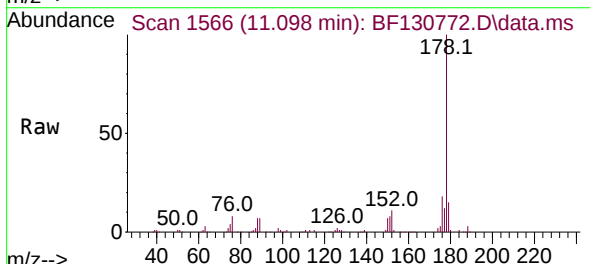
Tgt Ion:188 Resp: 329145
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.0 7.4 11.0

Manual Integrations
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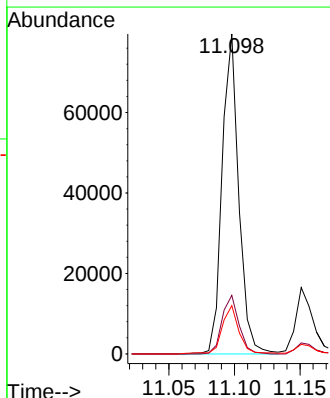
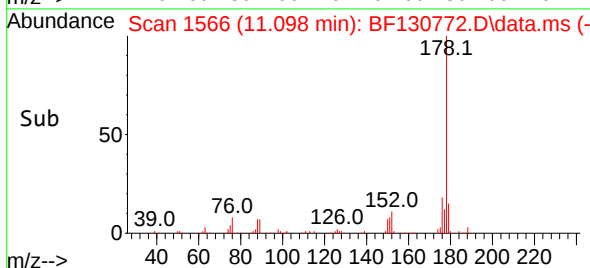
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

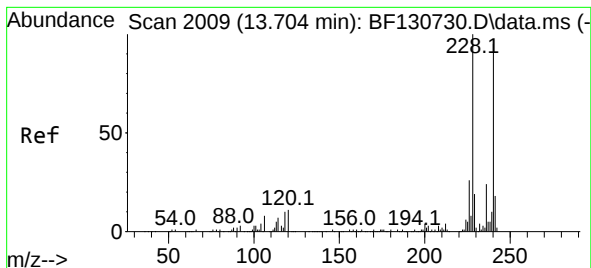


#71
Phenanthrene
Concen: 3.896 ng
RT: 11.098 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF130772.D
Acq: 25 Oct 2022 16:42



Tgt Ion:178 Resp: 70327
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.1 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.704 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF130772.D

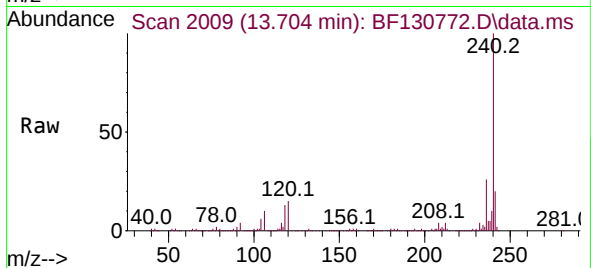
Acq: 25 Oct 2022 16:42

Instrument :

BNA_F

ClientSampleId :

MW-12DL2



Tgt Ion:240 Resp: 343124

Ion Ratio Lower Upper

240 100

120 15.1 9.6 14.4

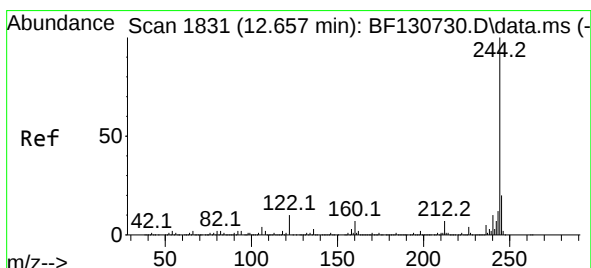
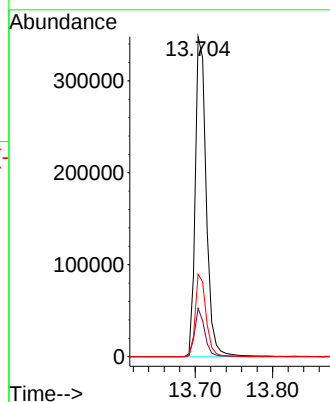
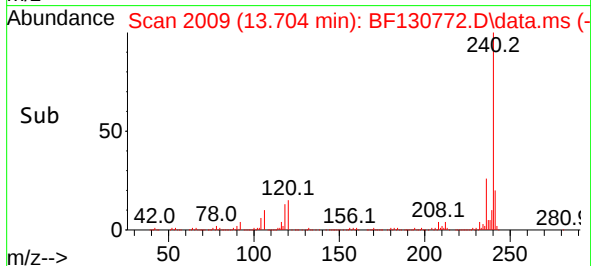
236 25.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/02/2022

Supervised By :Jagrut Upadhyay 11/02/2022



#79

Terphenyl-d14

Concen: 8.365 ng

RT: 12.651 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF130772.D

Acq: 25 Oct 2022 16:42

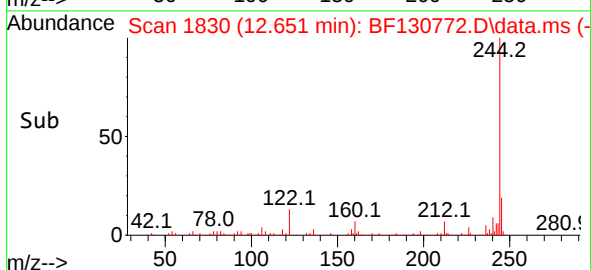
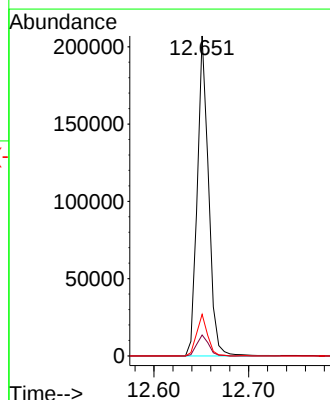
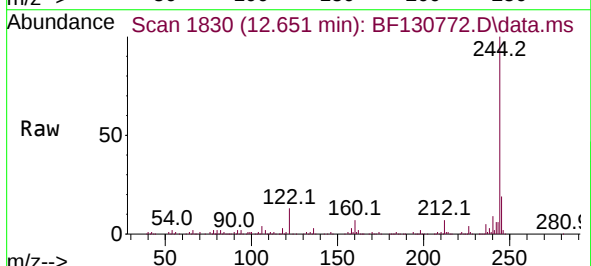
Tgt Ion:244 Resp: 170330

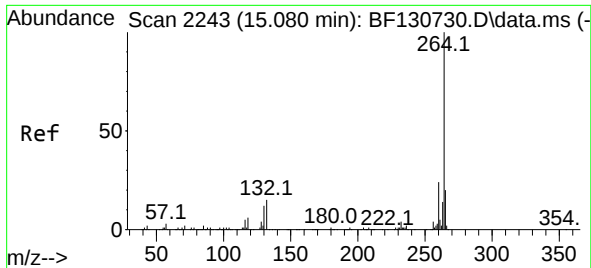
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

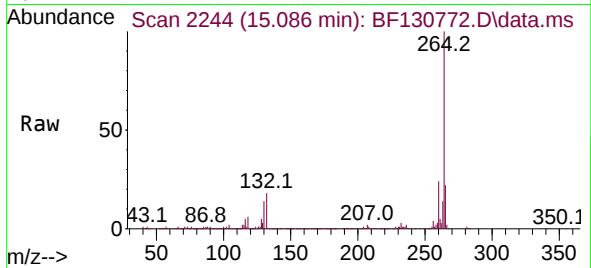
122 13.0 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF130772.D
 Acq: 25 Oct 2022 16:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-12DL2



Tgt Ion:264 Resp: 27510
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.3 16.2 24.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :Jagrut Upadhyay 11/02/2022

