

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
 Data File : BF130778.D
 Acq On : 25 Oct 2022 20:07
 Operator : CG\JU
 Sample : N5222-16DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

Quant Time: Oct 26 13:50:39 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	120034	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	586658	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	308357	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	440539	20.000	ng	# 0.00
76) Chrysene-d12	13.704	240	183967	20.000	ng	0.00
86) Perylene-d12	15.086	264	182621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	17417m	2.502	ng	0.08
7) Phenol-d6	6.286	99	17411m	2.067	ng	0.06
23) Nitrobenzene-d5	7.145	82	43182	3.905	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	14669	5.002	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	110946	5.483	ng	-0.01
79) Terphenyl-d14	12.651	244	55566	5.090	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.869	128	2510710	83.002	ng	98
37) 2-Methylnaphthalene	8.557	142	345551	17.435	ng	97
38) 1-Methylnaphthalene	8.651	142	441246	22.456	ng	100
52) Acenaphthene	9.622	154	91901	5.610	ng	98
71) Phenanthrene	11.098	178	57415	2.377	ng	98

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

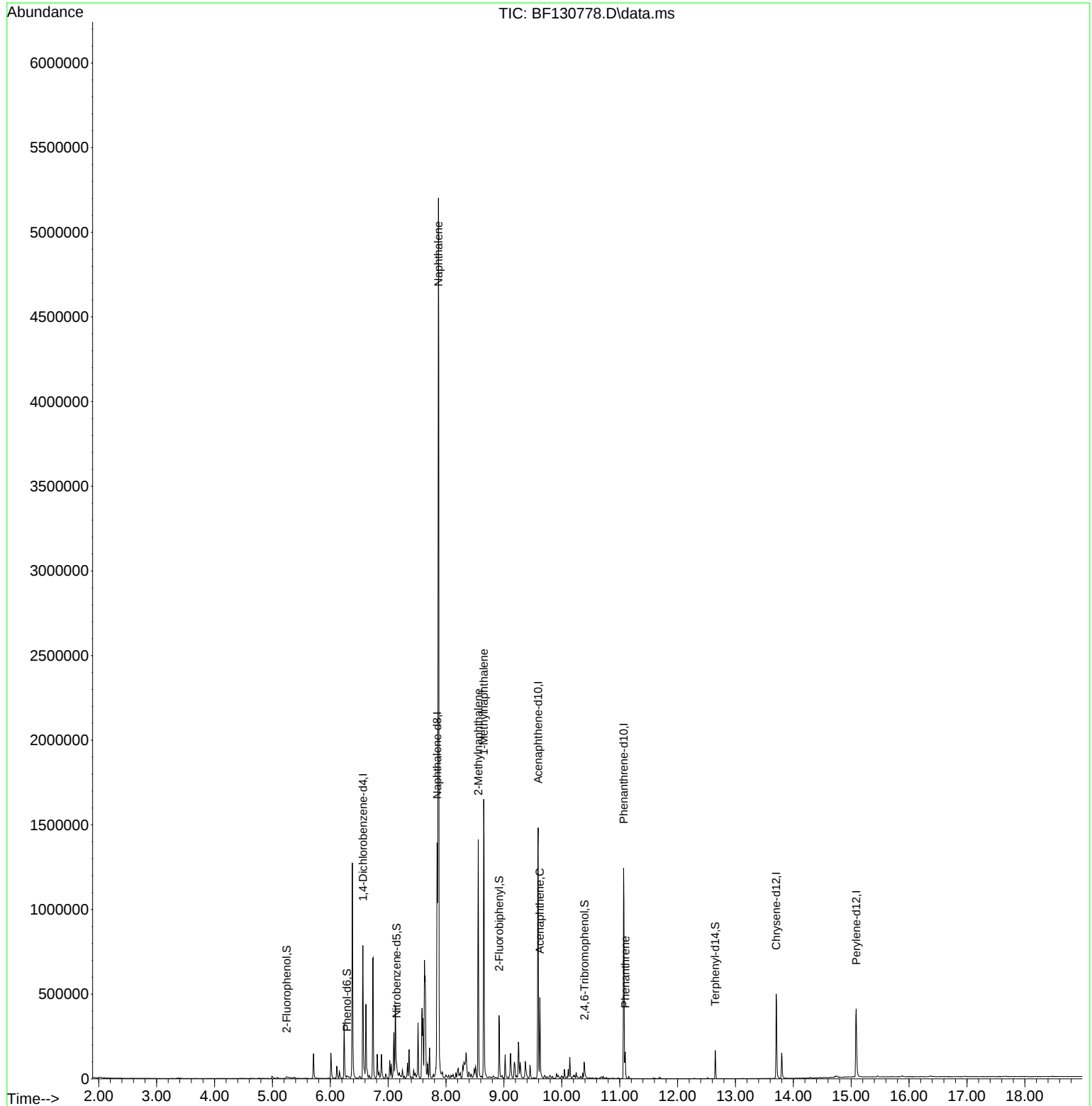
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102522\
Data File : BF130778.D
Acq On : 25 Oct 2022 20:07
Operator : CG\JU
Sample : N5222-16DL 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

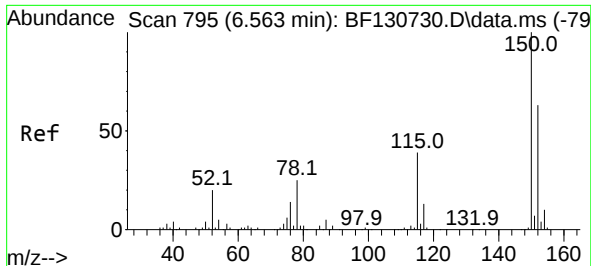
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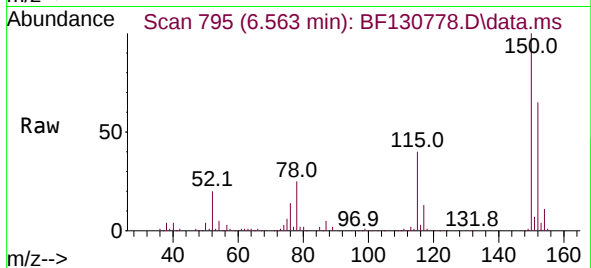
Quant Time: Oct 26 13:50:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

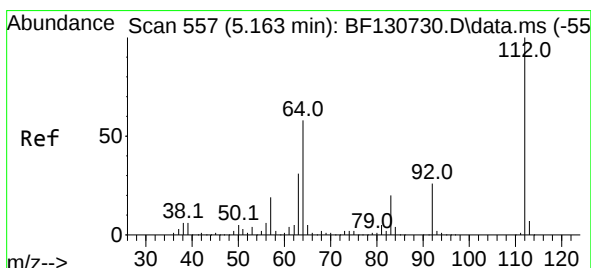
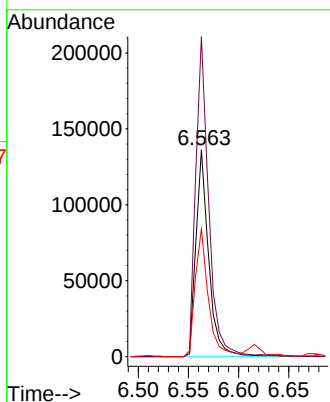
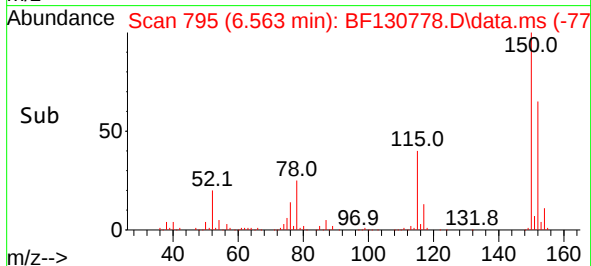
Instrument :
BNA_F
Client SampleId :
MW-14DL



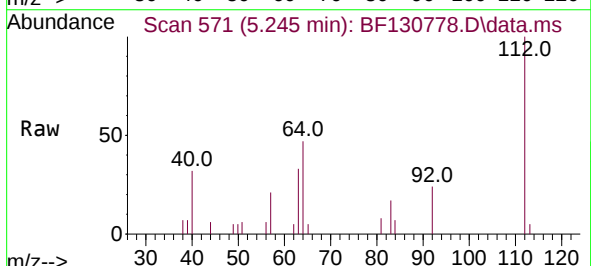
Tgt Ion:152 Resp: 120034
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 61.8 49.9 74.9

Manual Integrations
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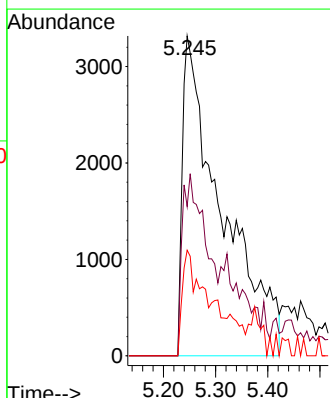
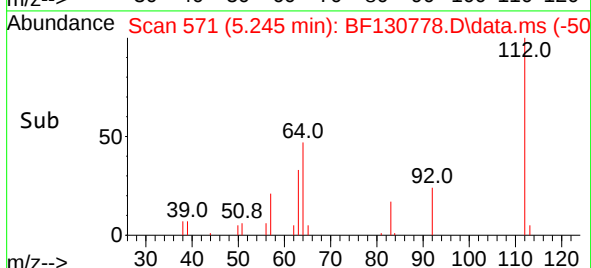
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

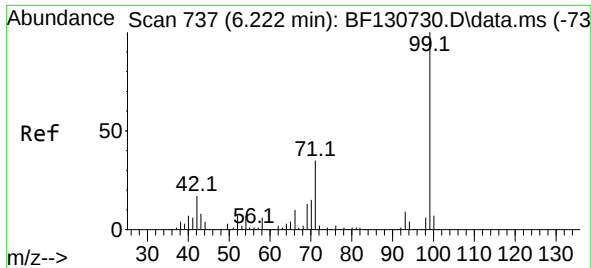


#5
2-Fluorophenol
Concen: 2.502 ng m
RT: 5.245 min Scan# 571
Delta R.T. 0.082 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



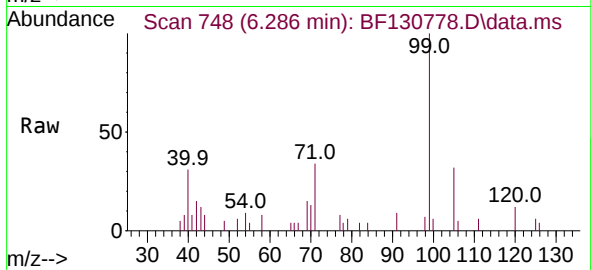
Tgt Ion:112 Resp: 17417
Ion Ratio Lower Upper
112 100
64 46.7 46.2 69.4
63 33.0 25.1 37.7





#7
Phenol-d6
Concen: 2.067 ng m
RT: 6.286 min Scan# 74
Delta R.T. 0.064 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

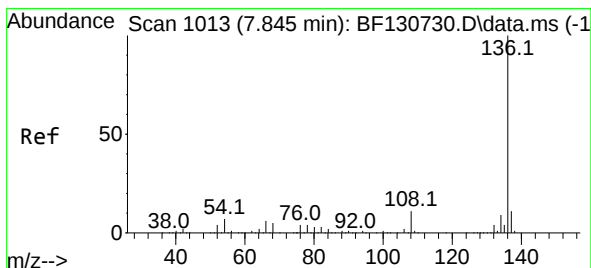
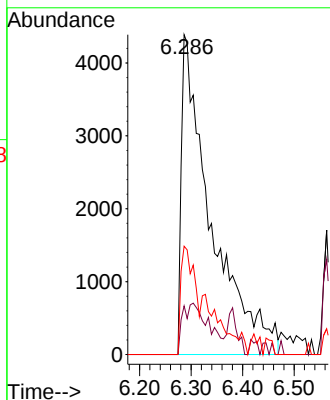
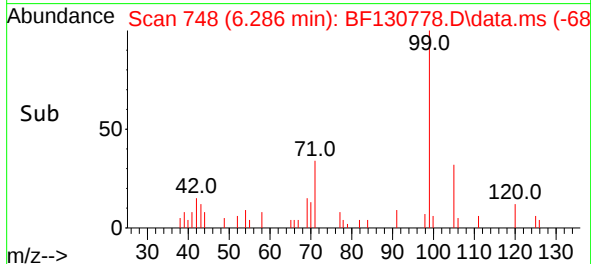
Instrument :
BNA_F
ClientSampleId :
MW-14DL



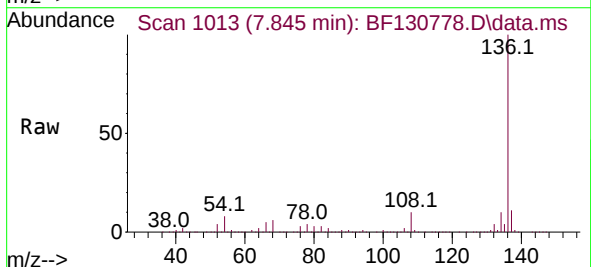
Tgt Ion: 99 Resp: 1741
Ion Ratio Lower Upper
99 100
42 15.2 13.8 20.8
71 33.9 28.3 42.5

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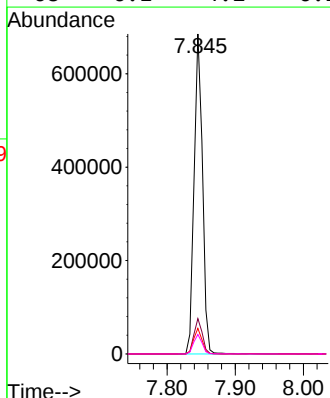
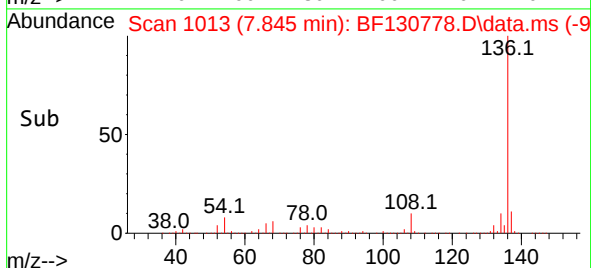
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

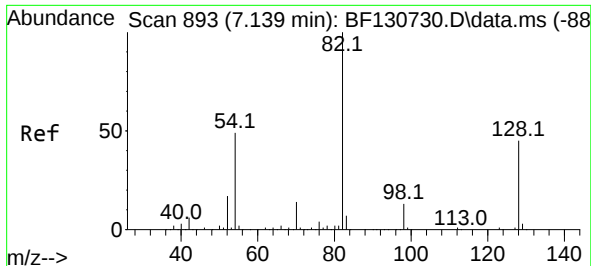


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



Tgt Ion:136 Resp: 586658
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.0 5.8 8.8
68 6.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 3.905 ng

RT: 7.145 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF130778.D

Acq: 25 Oct 2022 20:07

Instrument :

BNA_F

ClientSampleId :

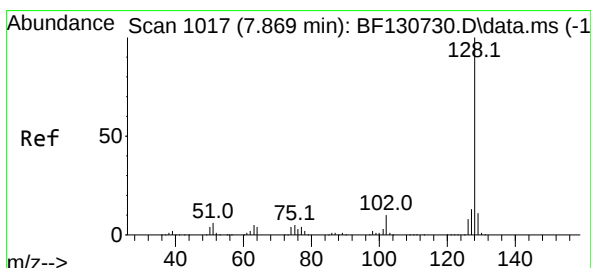
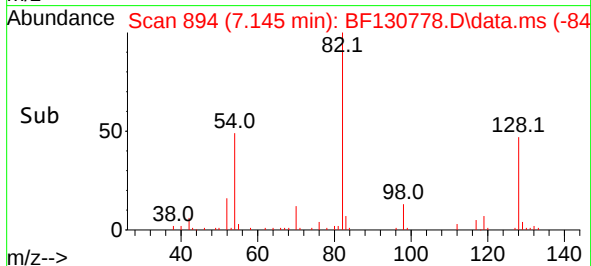
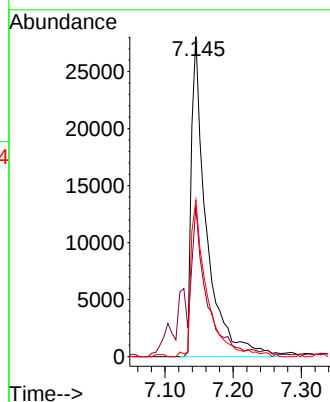
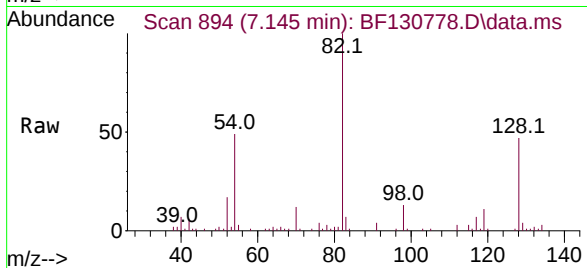
MW-14DL

Tgt Ion: 82 Resp: 43182
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.9 53.9
 54 48.9 39.2 58.8

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#31

Naphthalene

Concen: 83.002 ng

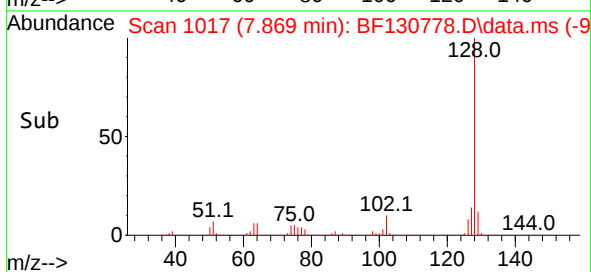
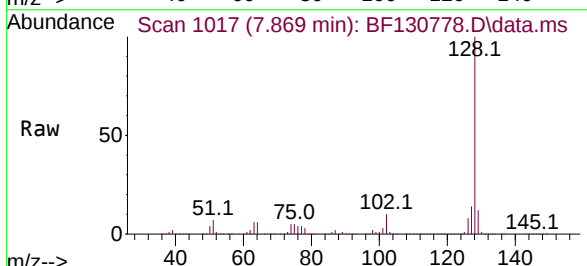
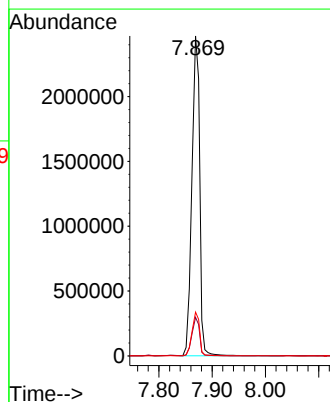
RT: 7.869 min Scan# 1017

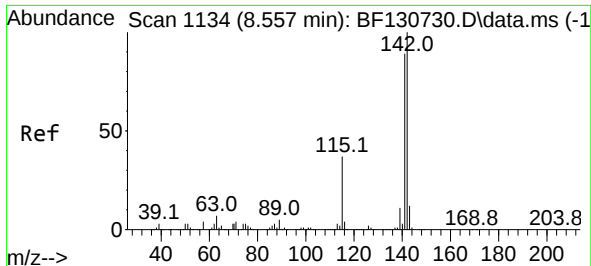
Delta R.T. -0.000 min

Lab File: BF130778.D

Acq: 25 Oct 2022 20:07

Tgt Ion:128 Resp: 2510710
 Ion Ratio Lower Upper
 128 100
 129 12.0 8.9 13.3
 127 13.7 10.6 16.0





#37

2-Methylnaphthalene

Concen: 17.435 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130778.D

Acq: 25 Oct 2022 20:07

Instrument :

BNA_F

ClientSampleId :

MW-14DL

Tgt Ion:142 Resp: 34555

Ion Ratio Lower Upper

142 100

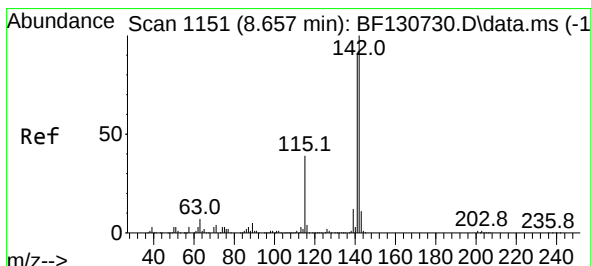
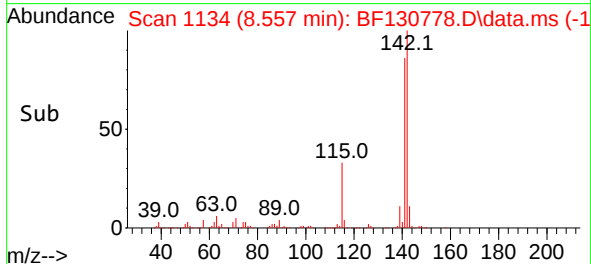
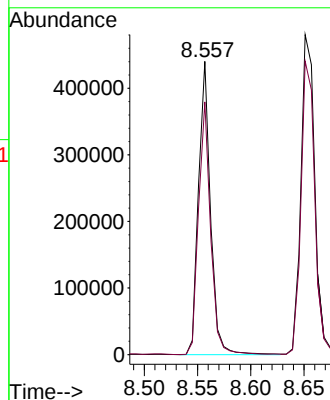
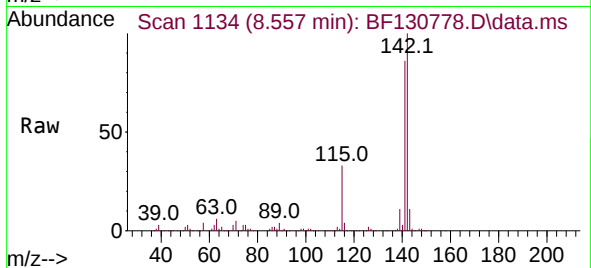
141 86.2 71.0 106.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/27/2022



#38

1-Methylnaphthalene

Concen: 22.456 ng

RT: 8.651 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF130778.D

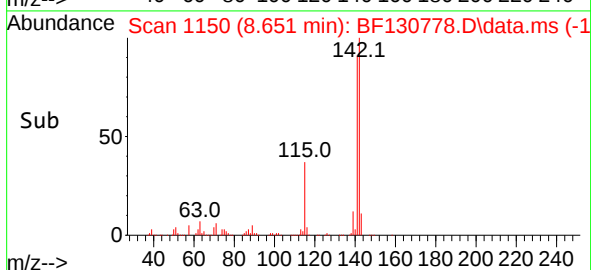
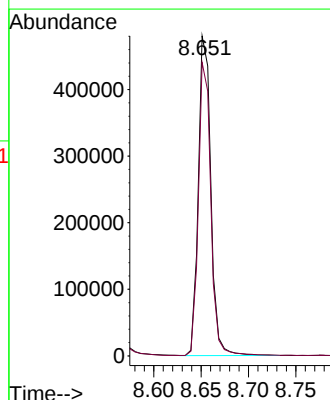
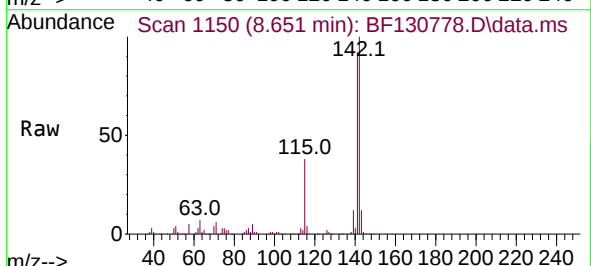
Acq: 25 Oct 2022 20:07

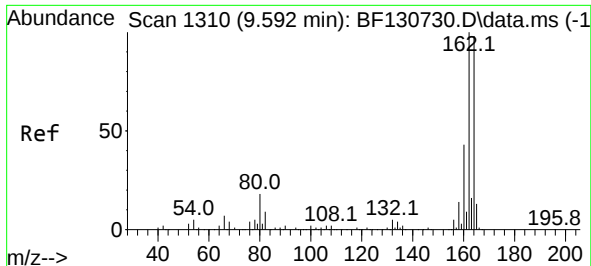
Tgt Ion:142 Resp: 441246

Ion Ratio Lower Upper

142 100

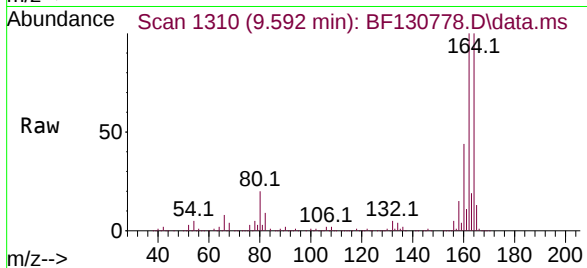
141 91.7 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

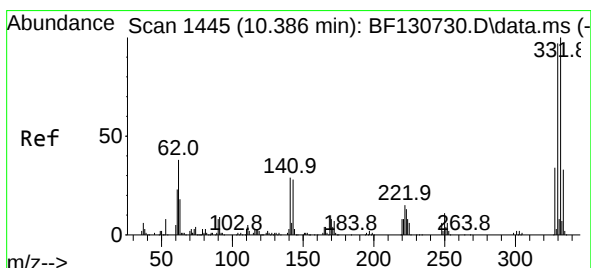
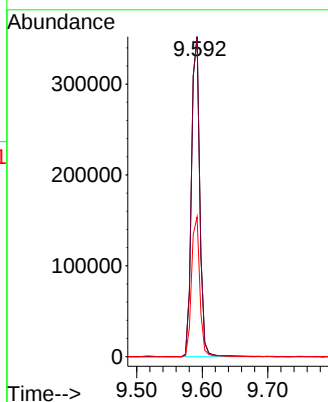
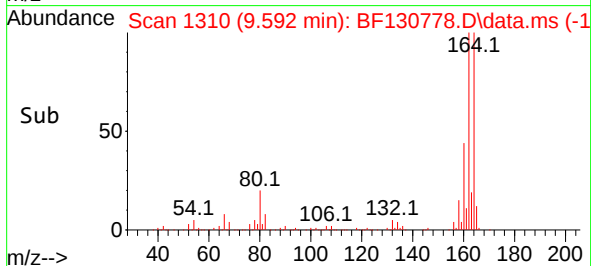
Instrument :
BNA_F
ClientSampleId :
MW-14DL



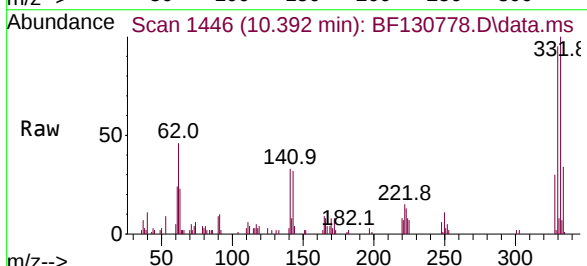
Tgt Ion:164 Resp: 308352
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.7 35.0 52.4

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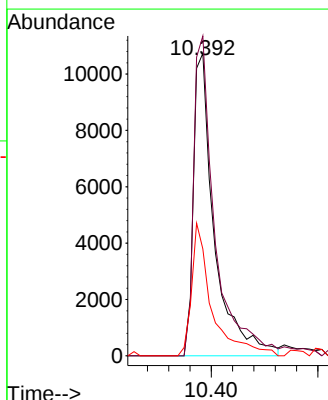
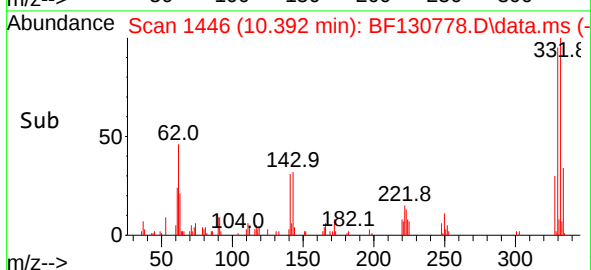
Reviewed By :Christian Giraldo 10/26/2022
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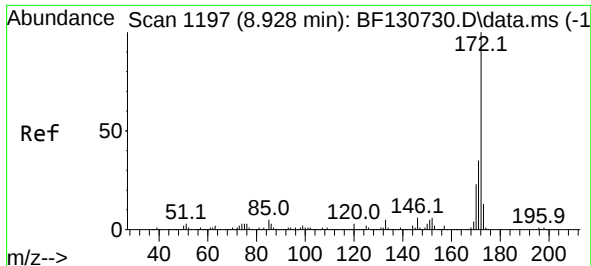


#42
2,4,6-Tribromophenol
Concen: 5.002 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07



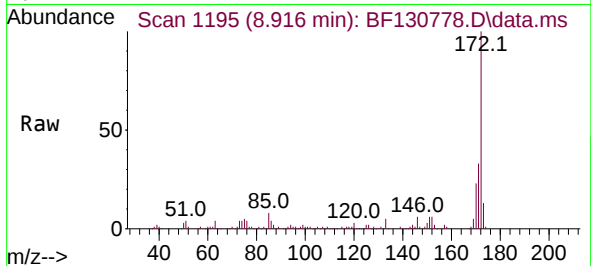
Tgt Ion:330 Resp: 14669
Ion Ratio Lower Upper
330 100
332 110.2 81.4 122.2
141 42.3 24.6 37.0#





#45
2-Fluorobiphenyl
Concen: 5.483 ng
RT: 8.916 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

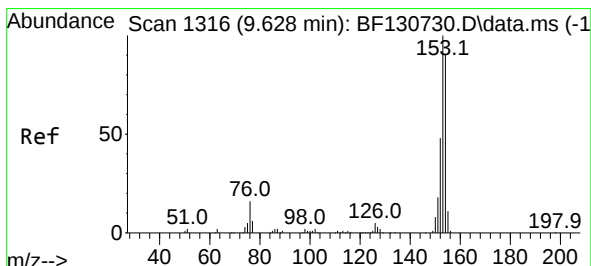
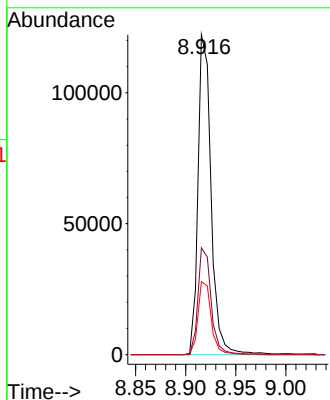
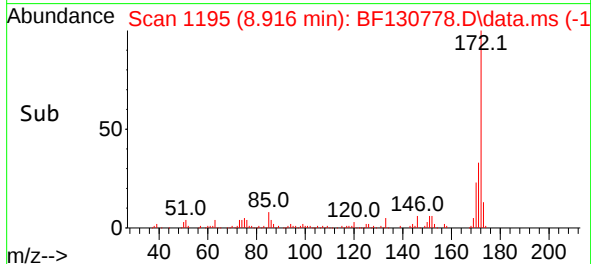
Instrument :
BNA_F
ClientSampleId :
MW-14DL



Tgt Ion:172 Resp: 110946
Ion Ratio Lower Upper
172 100
171 33.4 28.2 42.2
170 22.8 18.5 27.7

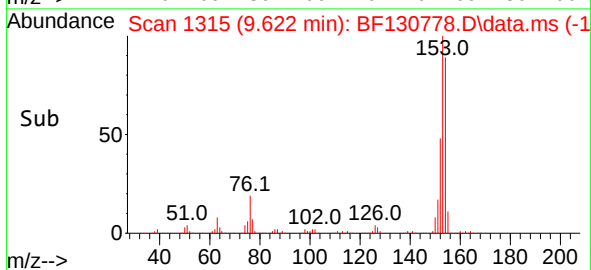
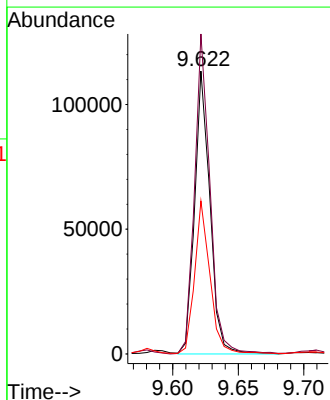
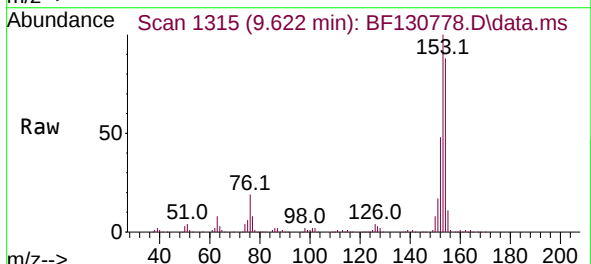
Manual Integrations
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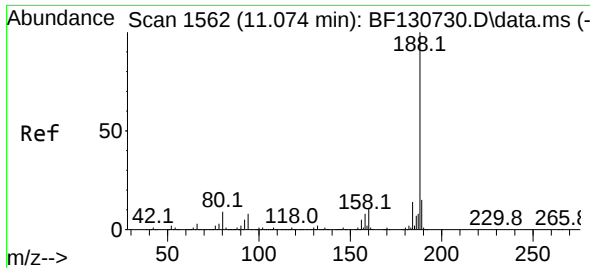
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#52
Acenaphthene
Concen: 5.610 ng
RT: 9.622 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Tgt Ion:154 Resp: 91901
Ion Ratio Lower Upper
154 100
153 113.1 88.4 132.6
152 54.1 42.0 63.0





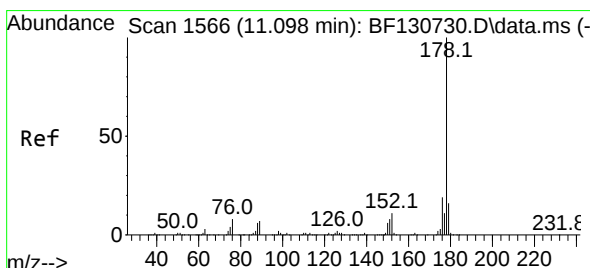
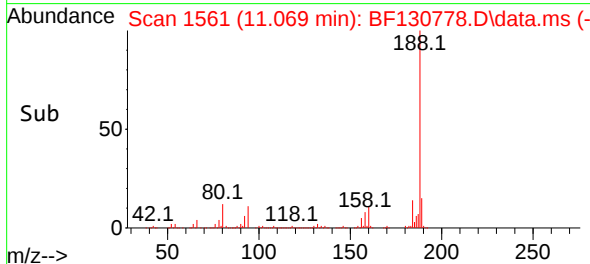
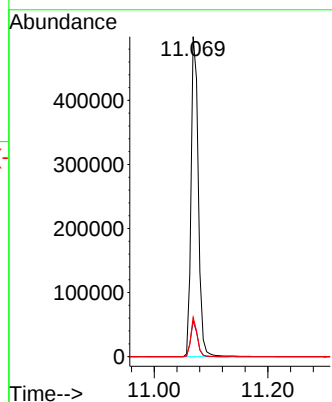
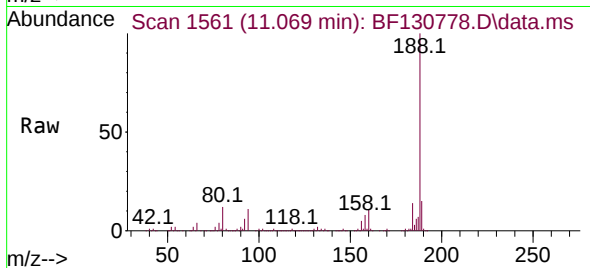
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.069 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tgt Ion:188 Resp: 440539
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1
80 12.3 7.4 11.0

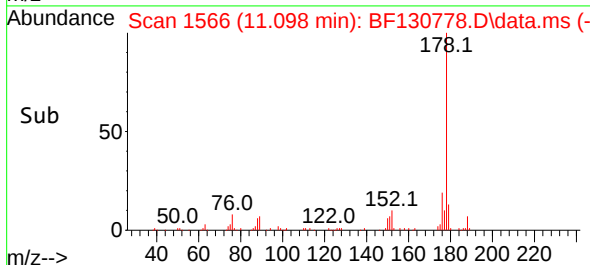
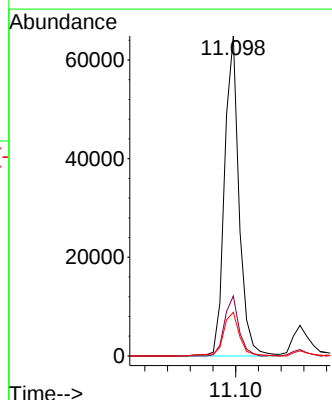
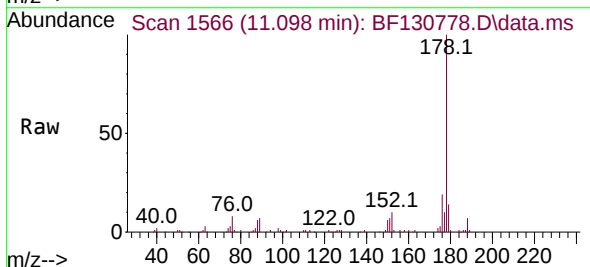
Manual Integrations
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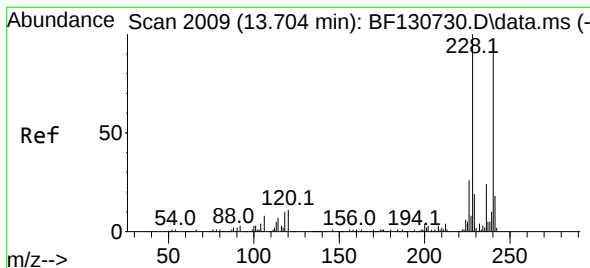
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#71
Phenanthrene
Concen: 2.377 ng
RT: 11.098 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Tgt Ion:178 Resp: 57415
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 13.6 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: BF130778.D

Acq: 25 Oct 2022 20:07

Instrument :

BNA_F

ClientSampleId :

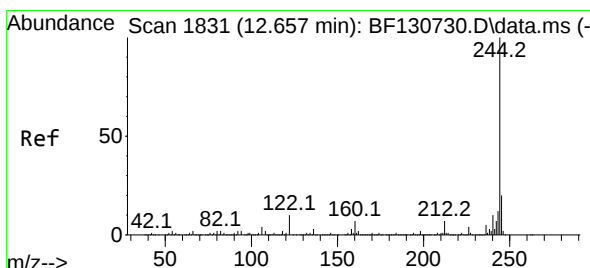
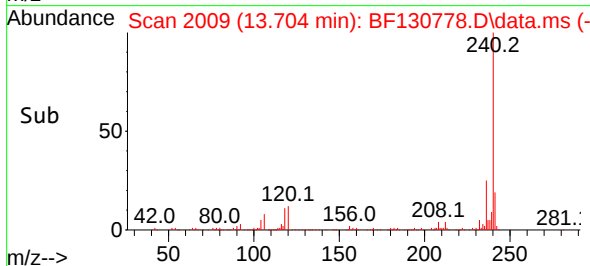
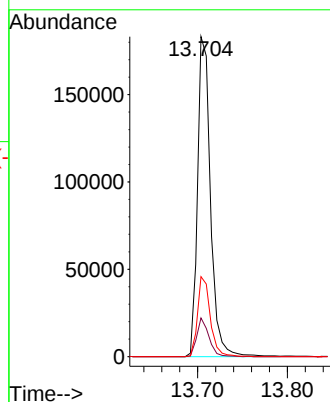
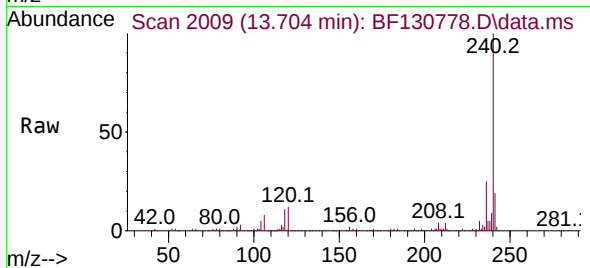
MW-14DL

Tgt Ion:240 Resp: 183962
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.6 14.4
 236 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022



#79

Terphenyl-d14

Concen: 5.090 ng

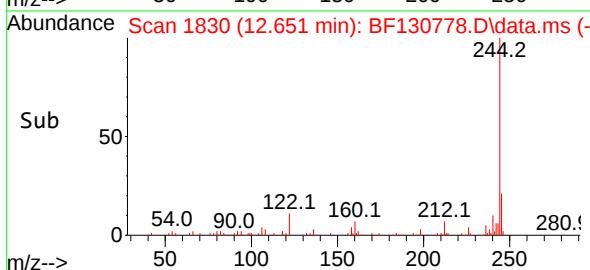
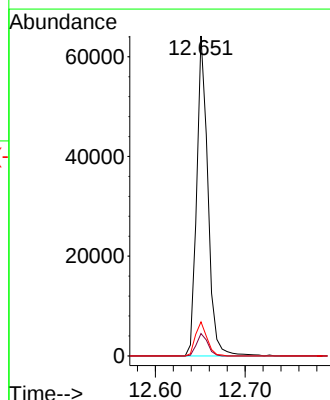
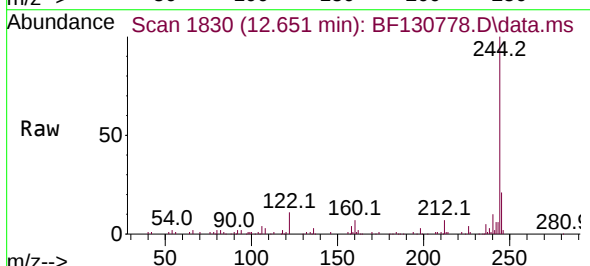
RT: 12.651 min Scan# 1830

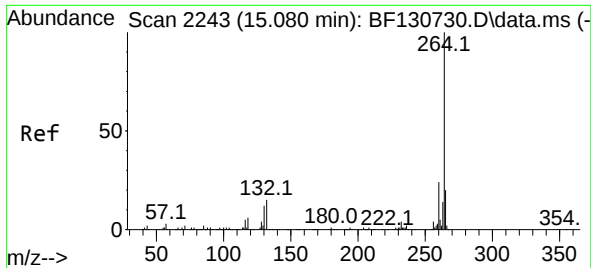
Delta R.T. -0.006 min

Lab File: BF130778.D

Acq: 25 Oct 2022 20:07

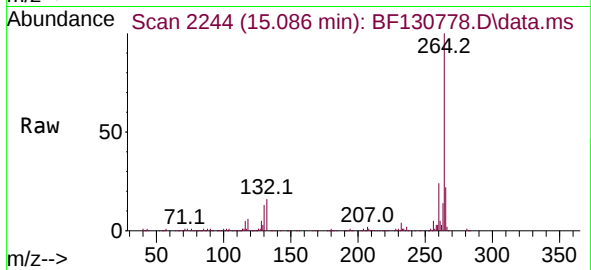
Tgt Ion:244 Resp: 55566
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.6 8.2 12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.086 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130778.D
Acq: 25 Oct 2022 20:07

Instrument :
BNA_F
ClientSampleId :
MW-14DL



Tgt Ion:264 Resp: 182621
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.8 16.2 24.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

