

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130783.D
 Acq On : 26 Oct 2022 14:55
 Operator : CG\JU
 Sample : N5222-01DL3 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12DL3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 27 09:02:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 27 08:55:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	77097	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	309363	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	171960	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	310555	20.000	ng	0.00
76) Chrysene-d12	13.710	240	222702	20.000	ng	0.00
86) Perylene-d12	15.092	264	162872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	8560m	1.915	ng	0.09
7) Phenol-d6	6.298	99	9304	1.720	ng	0.07
23) Nitrobenzene-d5	7.151	82	23041	3.951	ng	0.01
42) 2,4,6-Tribromophenol	10.392	330	9444	5.775	ng	0.00
45) 2-Fluorobiphenyl	8.922	172	52613	4.663	ng	0.00
79) Terphenyl-d14	12.657	244	57358	4.340	ng	0.00
Target Compounds						
					Qvalue	
31) Naphthalene	7.869	128	981325	61.521	ng	100
37) 2-Methylnaphthalene	8.557	142	122744	11.744	ng	100
38) 1-Methylnaphthalene	8.657	142	226852	21.893	ng	100
46) 1,1'-Biphenyl	9.022	154	35856	2.989	ng	100
52) Acenaphthene	9.628	154	34821	3.812	ng	97

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

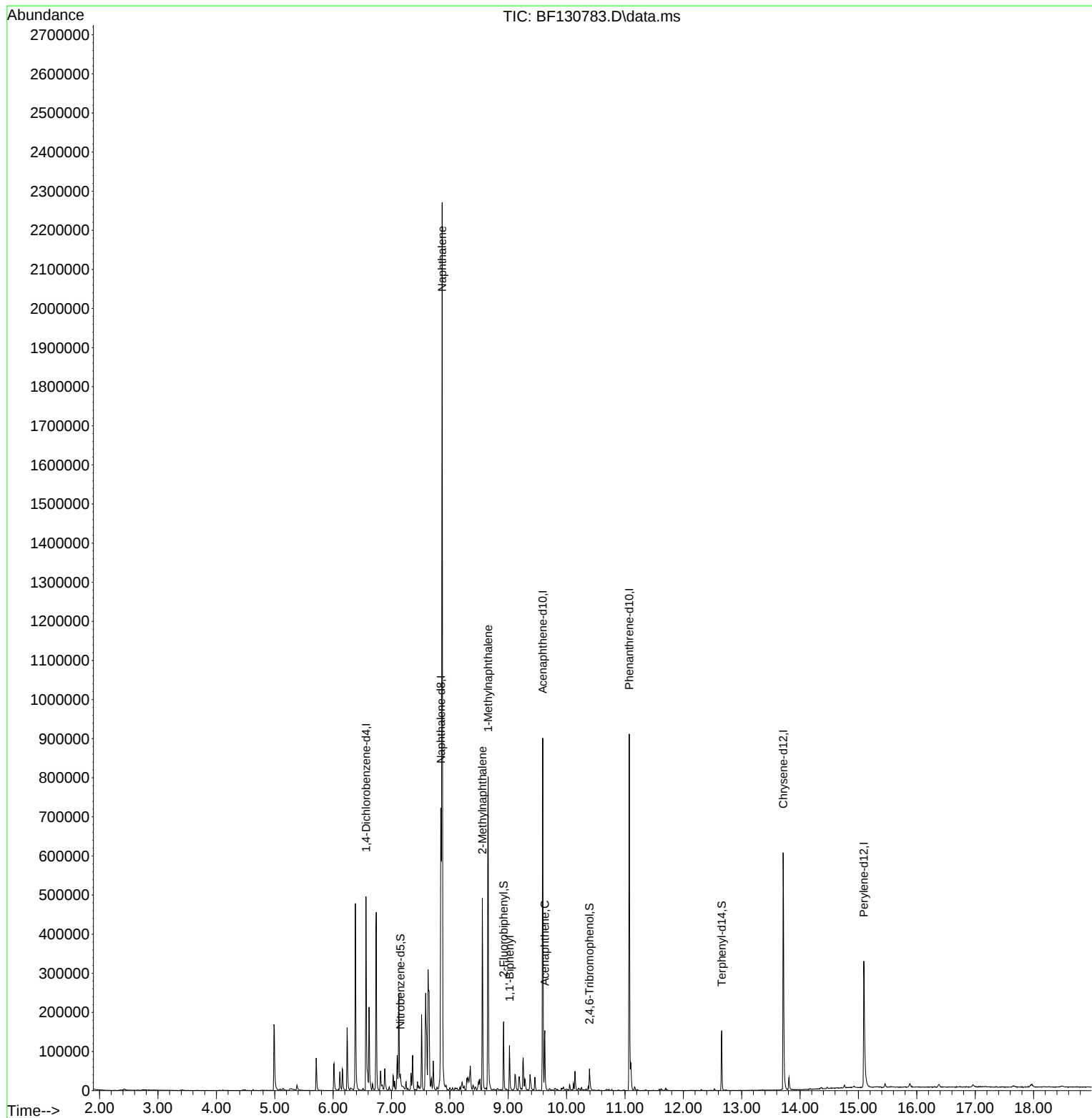
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
Data File : BF130783.D
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Operator : CG\JU
Sample : N5222-01DL3 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

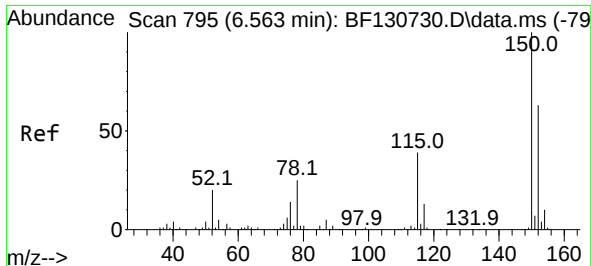
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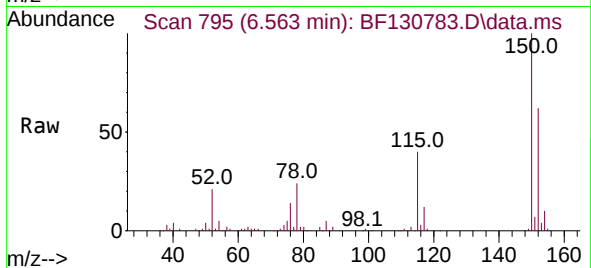
Quant Time: Oct 27 09:02:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 08:55:38 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

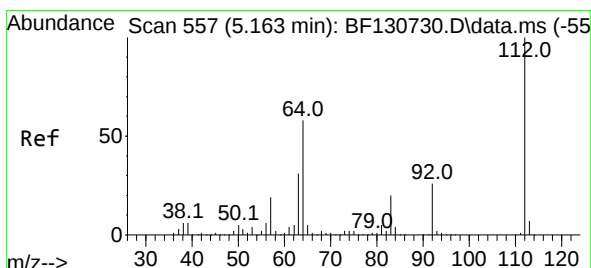
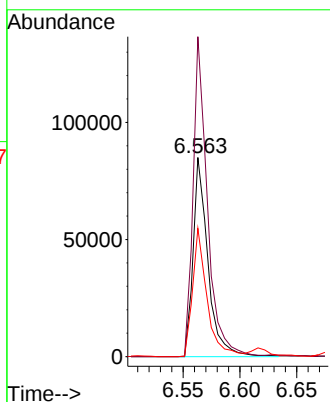
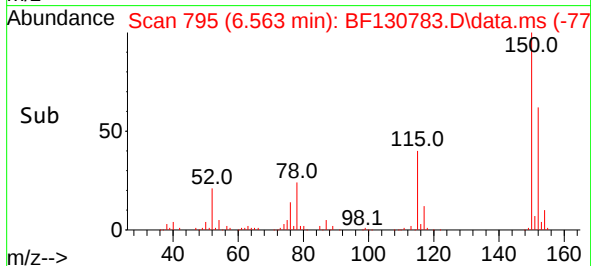
Instrument :
BNA_F
ClientSampleId :
MW-12DL3



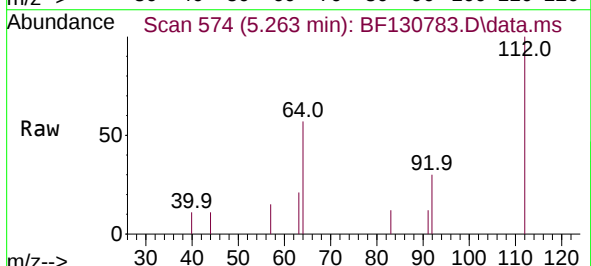
Tgt Ion:152 Resp: 77092
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 64.4 49.9 74.9

Manual Integrations
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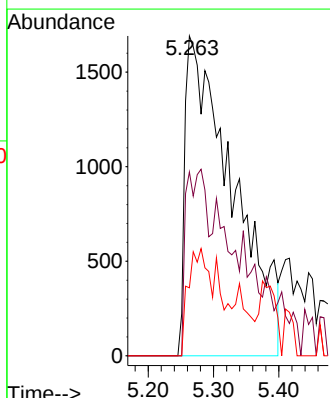
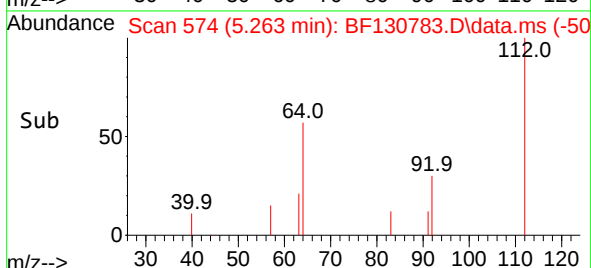
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 11/01/2022

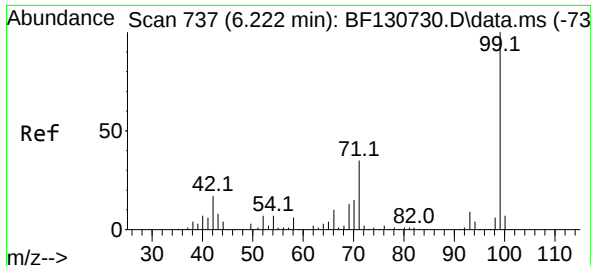


#5
2-Fluorophenol
Concen: 1.915 ng m
RT: 5.263 min Scan# 574
Delta R.T. 0.088 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55



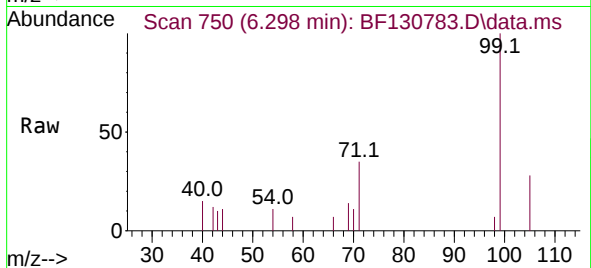
Tgt Ion:112 Resp: 8560
Ion Ratio Lower Upper
112 100
64 57.4 46.2 69.4
63 21.3 25.1 37.7#





#7
Phenol-d6
Concen: 1.720 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.071 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

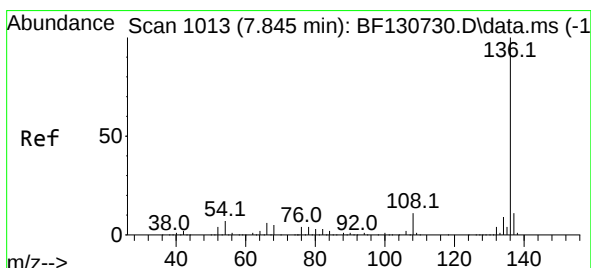
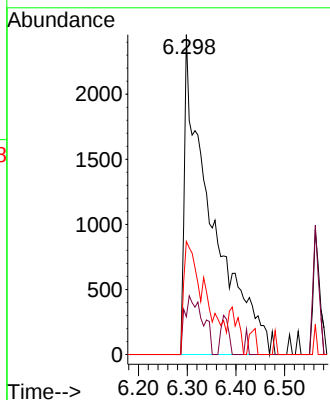
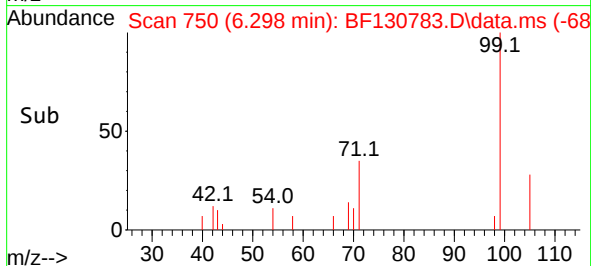
Instrument :
BNA_F
ClientSampleId :
MW-12DL3



Tgt Ion: 99 Resp: 9304
Ion Ratio Lower Upper
99 100
42 11.8 13.8 20.8
71 35.4 28.3 42.5

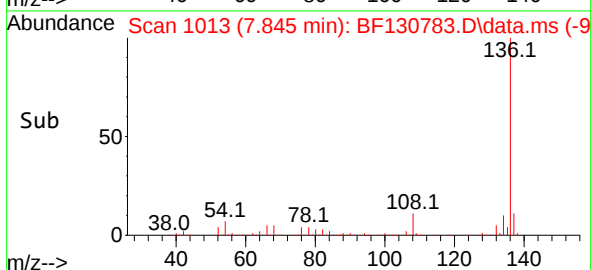
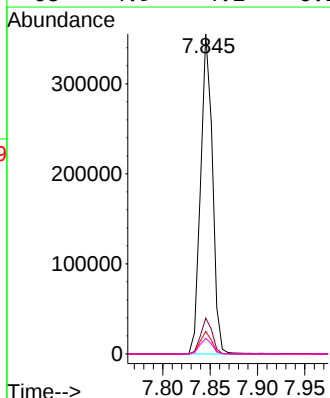
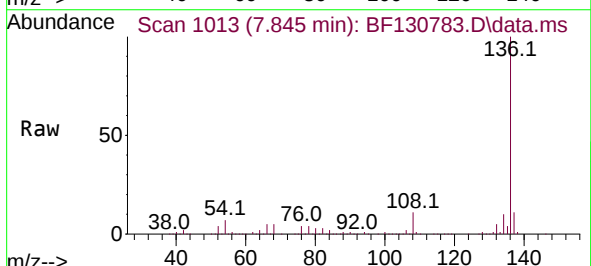
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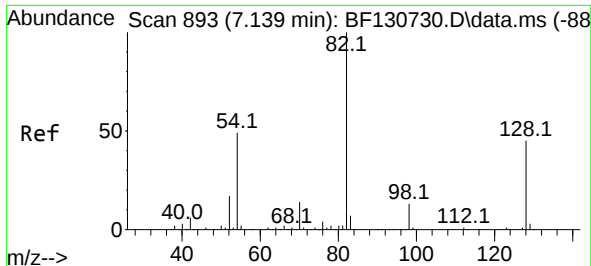
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

Tgt Ion:136 Resp: 309363
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.0 5.8 8.8
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 3.951 ng

RT: 7.151 min Scan# 89

Delta R.T. 0.012 min

Lab File: BF130783.D

Acq: 26 Oct 2022 14:55

Instrument :

BNA_F

ClientSampleId :

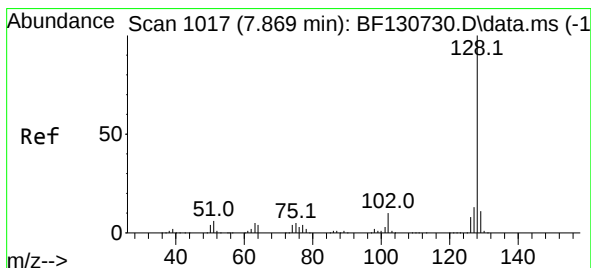
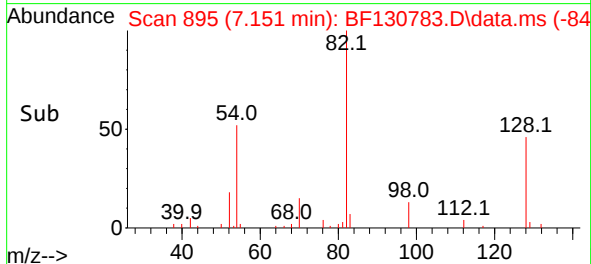
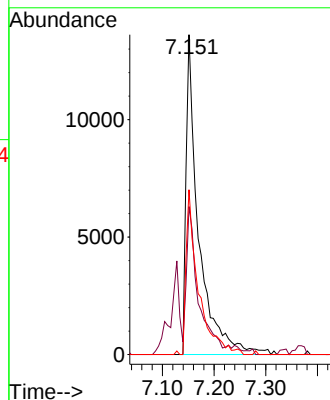
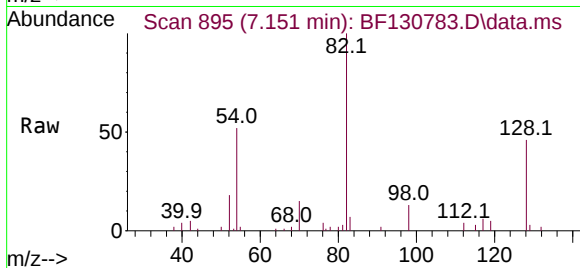
MW-12DL3

Tgt Ion: 82 Resp: 2304
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.9 53.9
 54 51.5 39.2 58.8

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#31

Naphthalene

Concen: 61.521 ng

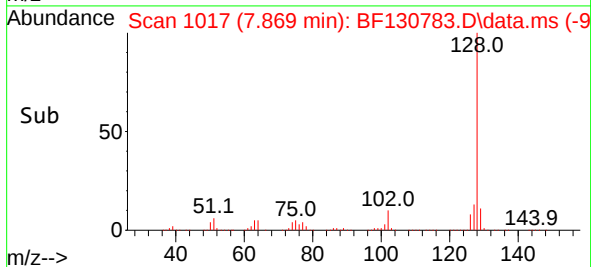
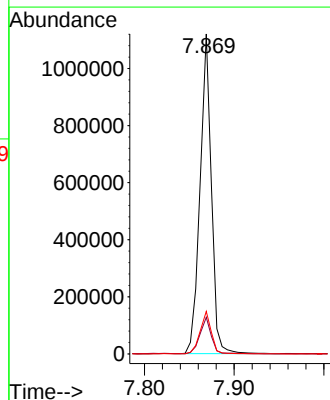
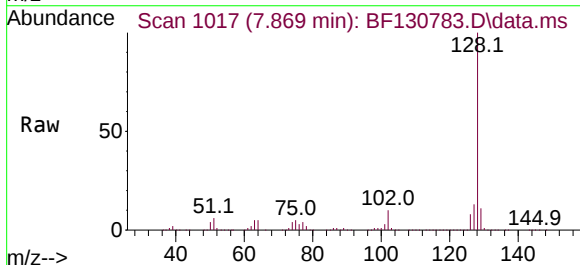
RT: 7.869 min Scan# 1017

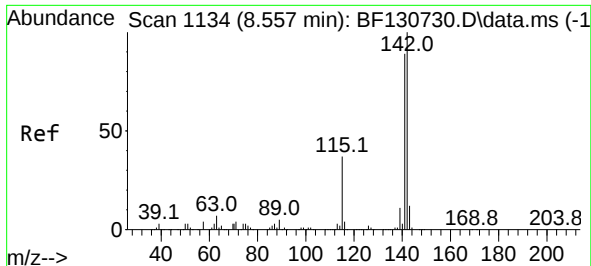
Delta R.T. -0.000 min

Lab File: BF130783.D

Acq: 26 Oct 2022 14:55

Tgt Ion:128 Resp: 981325
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.9 13.3
 127 13.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 11.744 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130783.D

Acq: 26 Oct 2022 14:55

Instrument :

BNA_F

ClientSampleId :

MW-12DL3

Tgt Ion:142 Resp: 122744

Ion Ratio Lower Upper

142 100

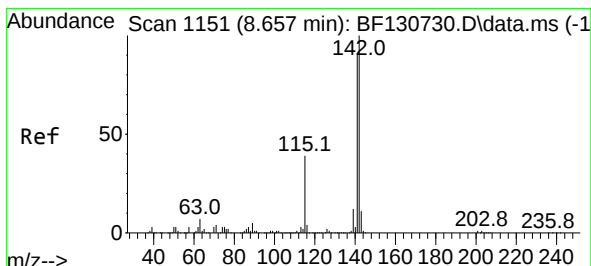
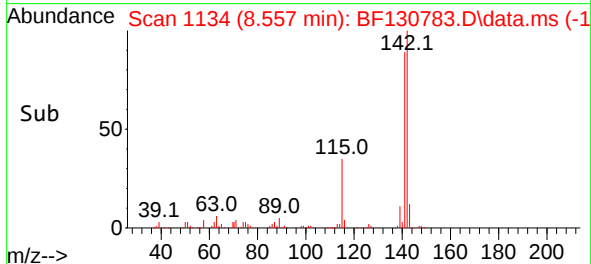
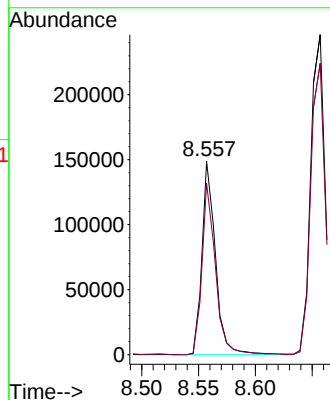
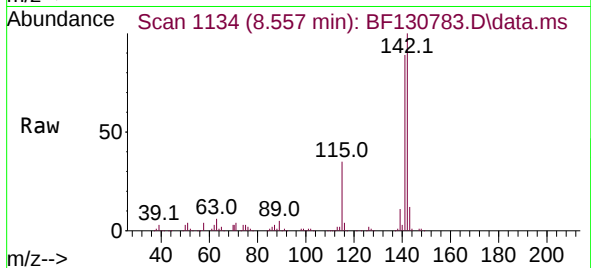
141 88.6 71.0 106.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/01/2022



#38

1-Methylnaphthalene

Concen: 21.893 ng

RT: 8.657 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130783.D

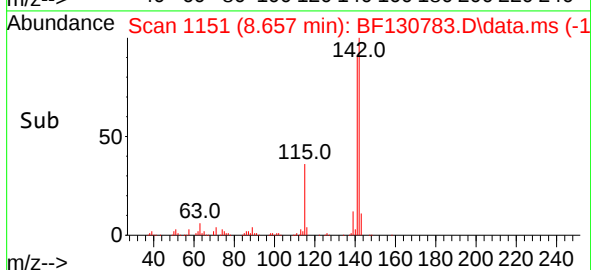
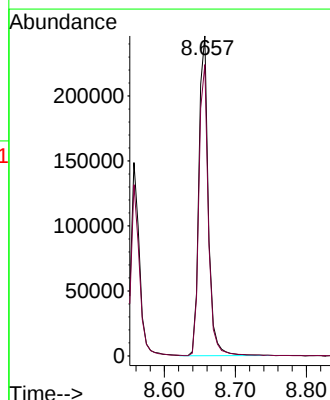
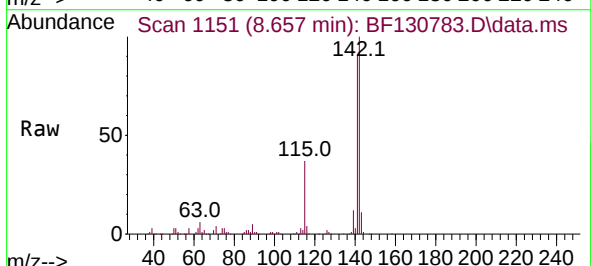
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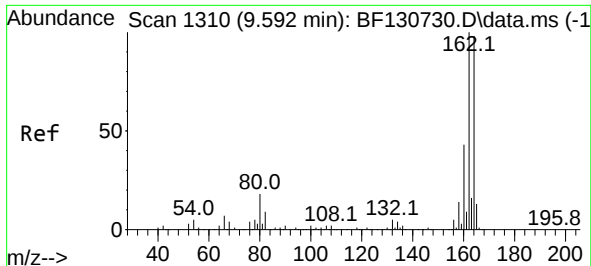
Tgt Ion:142 Resp: 226852

Ion Ratio Lower Upper

142 100

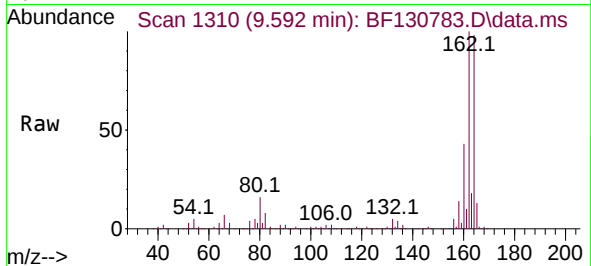
141 91.0 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

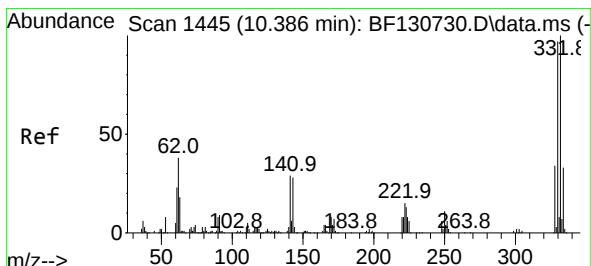
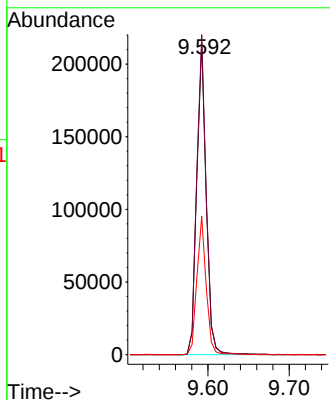
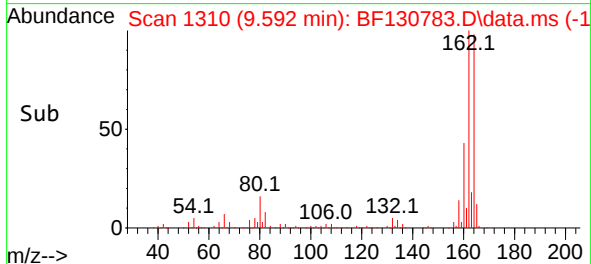
Instrument :
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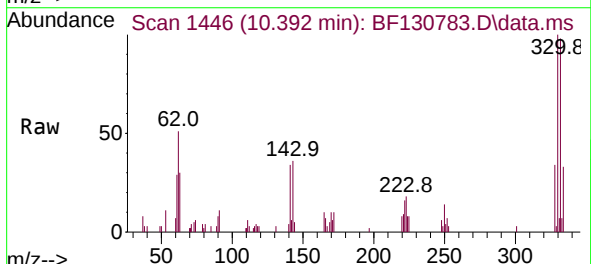
Tgt Ion:164 Resp: 171960
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 44.3 35.0 52.4

Manual Integrations
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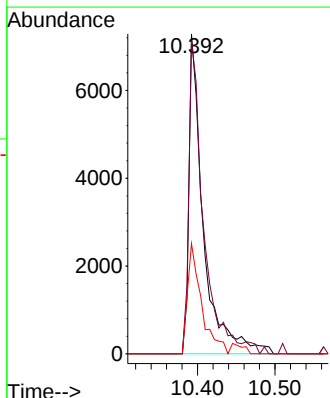
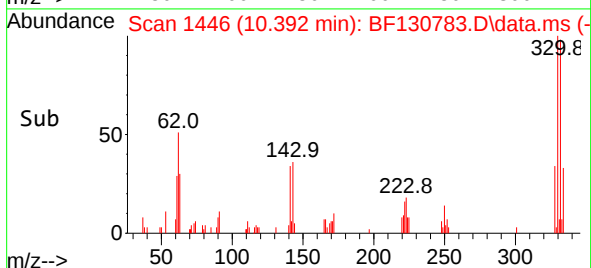
Reviewed By :Christian Giraldo 10/27/2022
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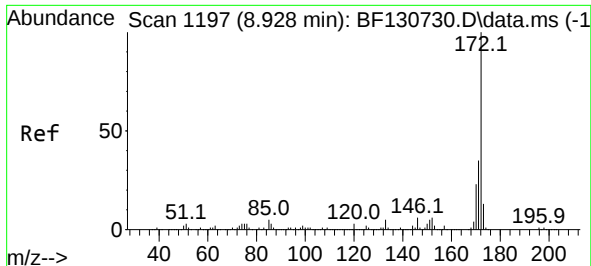


#42
2,4,6-Tribromophenol
Concen: 5.775 ng
RT: 10.392 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55



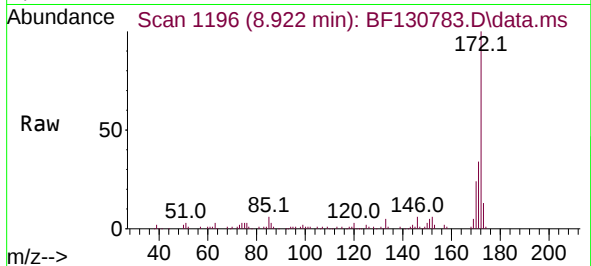
Tgt Ion:330 Resp: 9444
Ion Ratio Lower Upper
330 100
332 97.9 81.4 122.2
141 33.5 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 4.663 ng
RT: 8.922 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

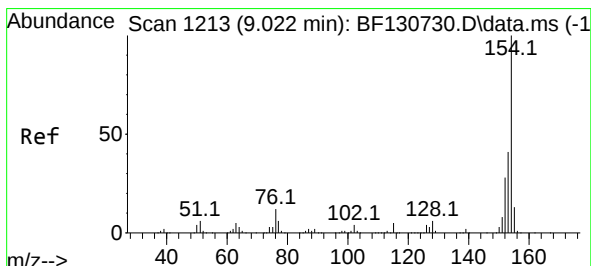
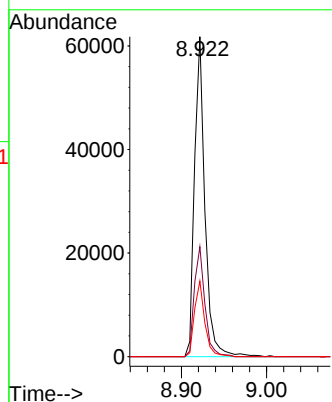
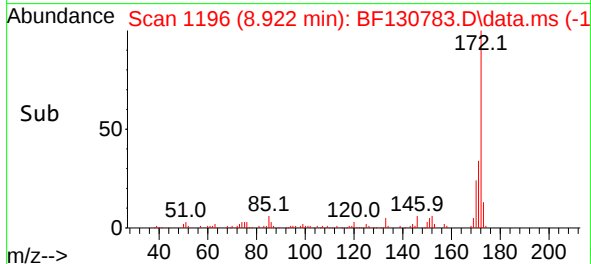
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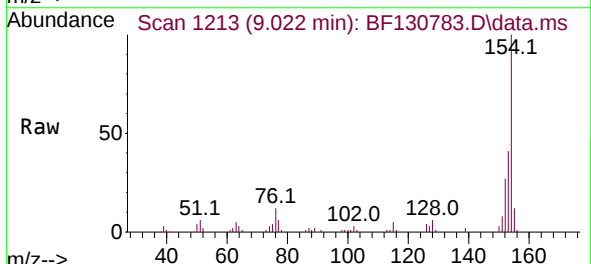
Tgt Ion:172 Resp: 52613
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 23.6 18.5 27.7

Manual Integrations
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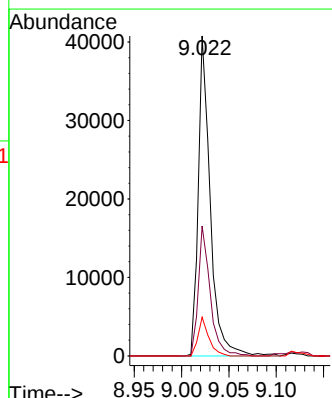
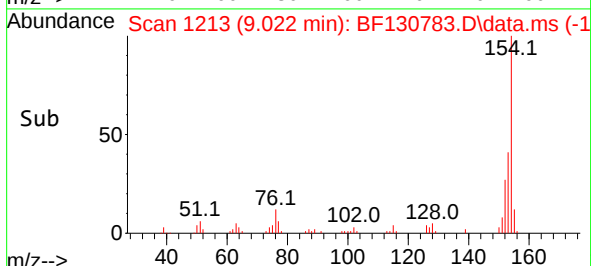
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 11/01/2022

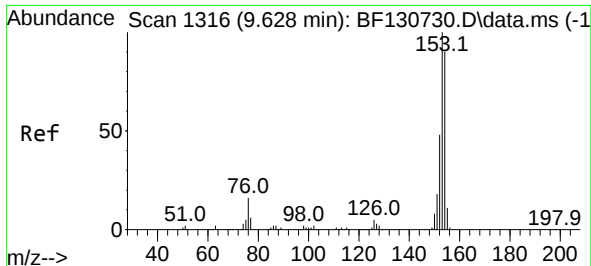


#46
1,1'-Biphenyl
Concen: 2.989 ng
RT: 9.022 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55



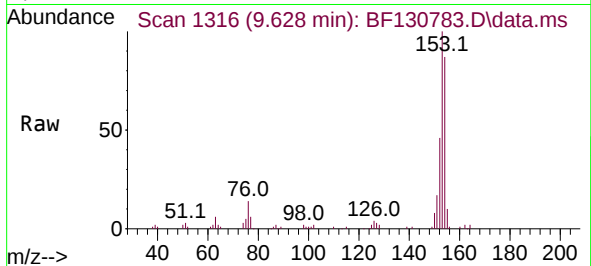
Tgt Ion:154 Resp: 35856
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.1 0.0 31.7





#52
Acenaphthene
Concen: 3.812 ng
RT: 9.628 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

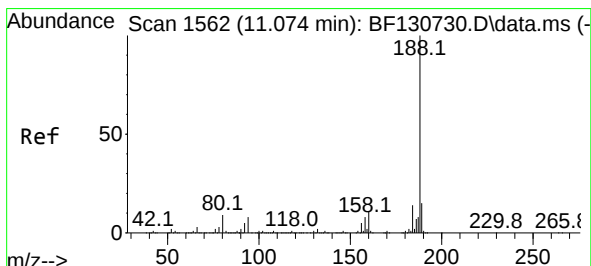
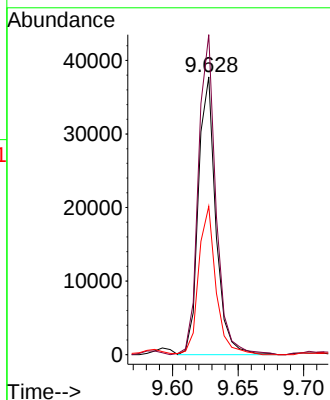
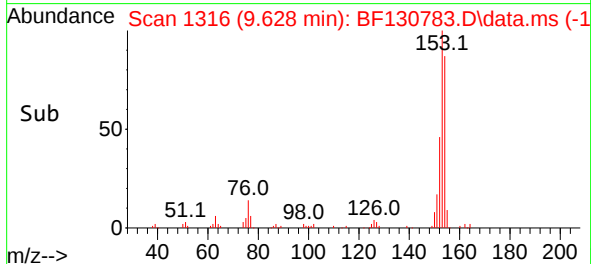
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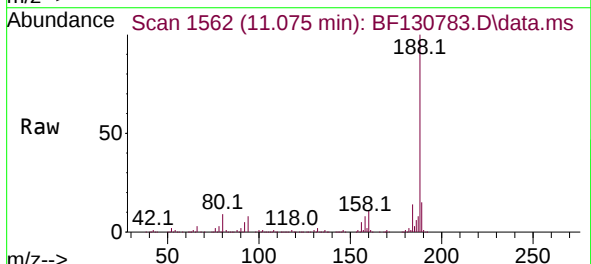
Tgt Ion:154 Resp: 34821
Ion Ratio Lower Upper
154 100
153 115.2 88.4 132.6
152 53.4 42.0 63.0

Manual Integrations
APPROVED

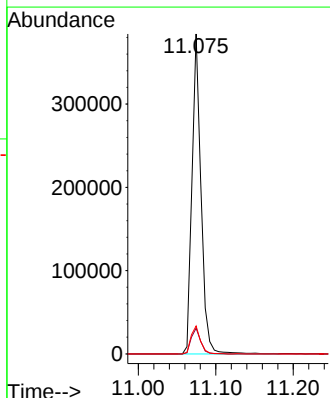
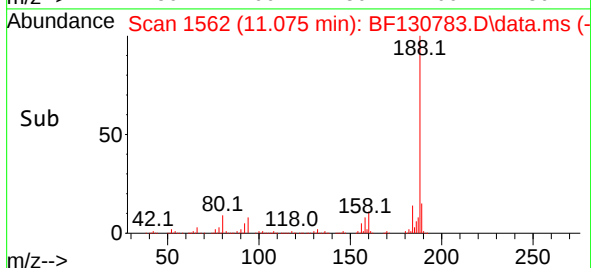
Reviewed By :Christian Giraldo 10/27/2022
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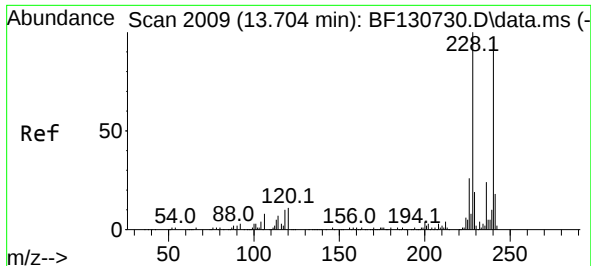


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.075 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55



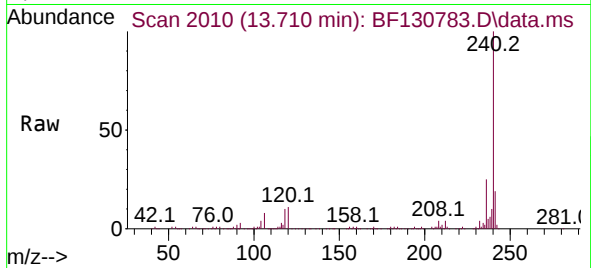
Tgt Ion:188 Resp: 310555
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.7 7.4 11.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

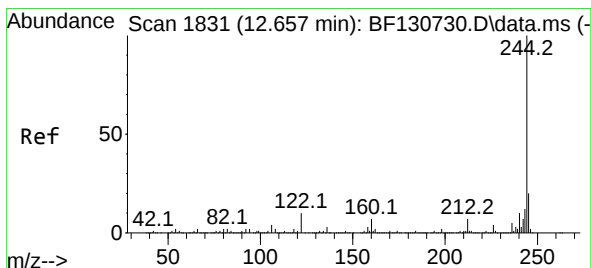
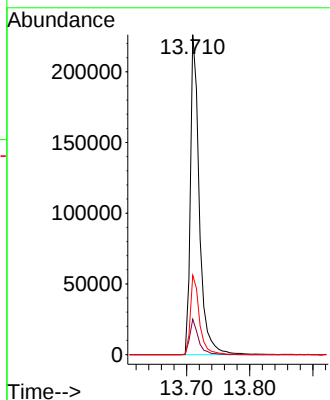
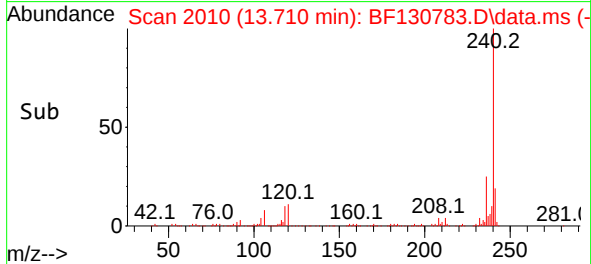
Instrument :
BNA_F
ClientSampleId :
MW-12DL3



Tgt Ion:240 Resp: 222702
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 24.8 20.2 30.2

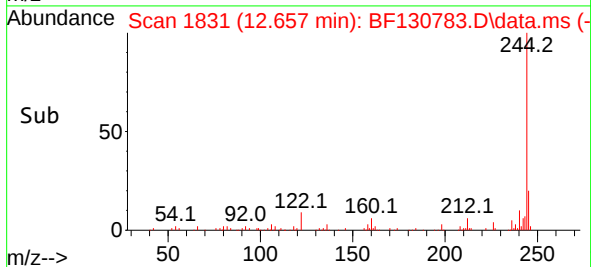
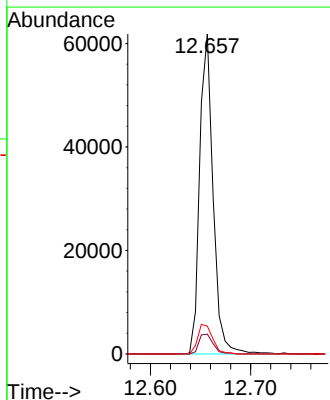
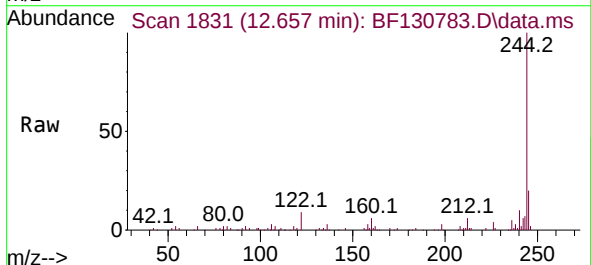
Manual Integrations
APPROVED

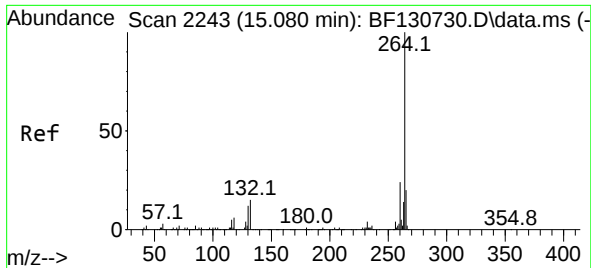
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 11/01/2022



#79
Terphenyl-d14
Concen: 4.340 ng
RT: 12.657 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF130783.D
Acq: 26 Oct 2022 14:55

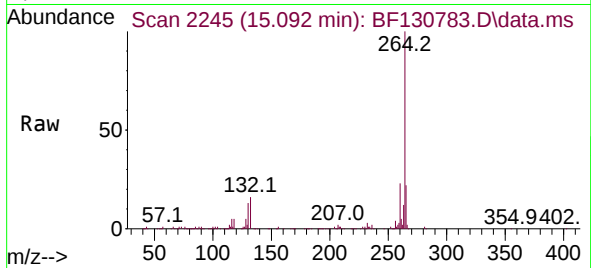
Tgt Ion:244 Resp: 57358
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 8.7 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130783.D
 Acq: 26 Oct 2022 14:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-12DL3



Tgt Ion:264 Resp: 162872
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.8 16.2 24.4

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/27/2022
 Supervised By :Jagrut Upadhyay 11/01/2022

