

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
 Data File : BF130784.D
 Acq On : 26 Oct 2022 15:30
 Operator : CG\JU
 Sample : N5222-16DL2 40X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 09:03:07 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	150656	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	609142	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	167250	20.000	ng	0.00
64) Phenanthrene-d10	11.074	188	300854	20.000	ng	0.00
76) Chrysene-d12	13.710	240	207167	20.000	ng	0.00
86) Perylene-d12	15.092	264	148690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	8673m	0.993	ng	0.18
7) Phenol-d6	6.357	99	8524	0.806	ng	0.13
23) Nitrobenzene-d5	7.163	82	24345	2.120	ng	0.02
42) 2,4,6-Tribromophenol	10.404	330	3864	2.429	ng	0.02
45) 2-Fluorobiphenyl	8.922	172	57118	5.204	ng	0.00
79) Terphenyl-d14	12.657	244	29419	2.393	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.869	128	1488104	47.380	ng	100
37) 2-Methylnaphthalene	8.557	142	187376	9.105	ng	97
38) 1-Methylnaphthalene	8.657	142	244477	11.983	ng	99
52) Acenaphthene	9.627	154	23427	2.637	ng	97

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

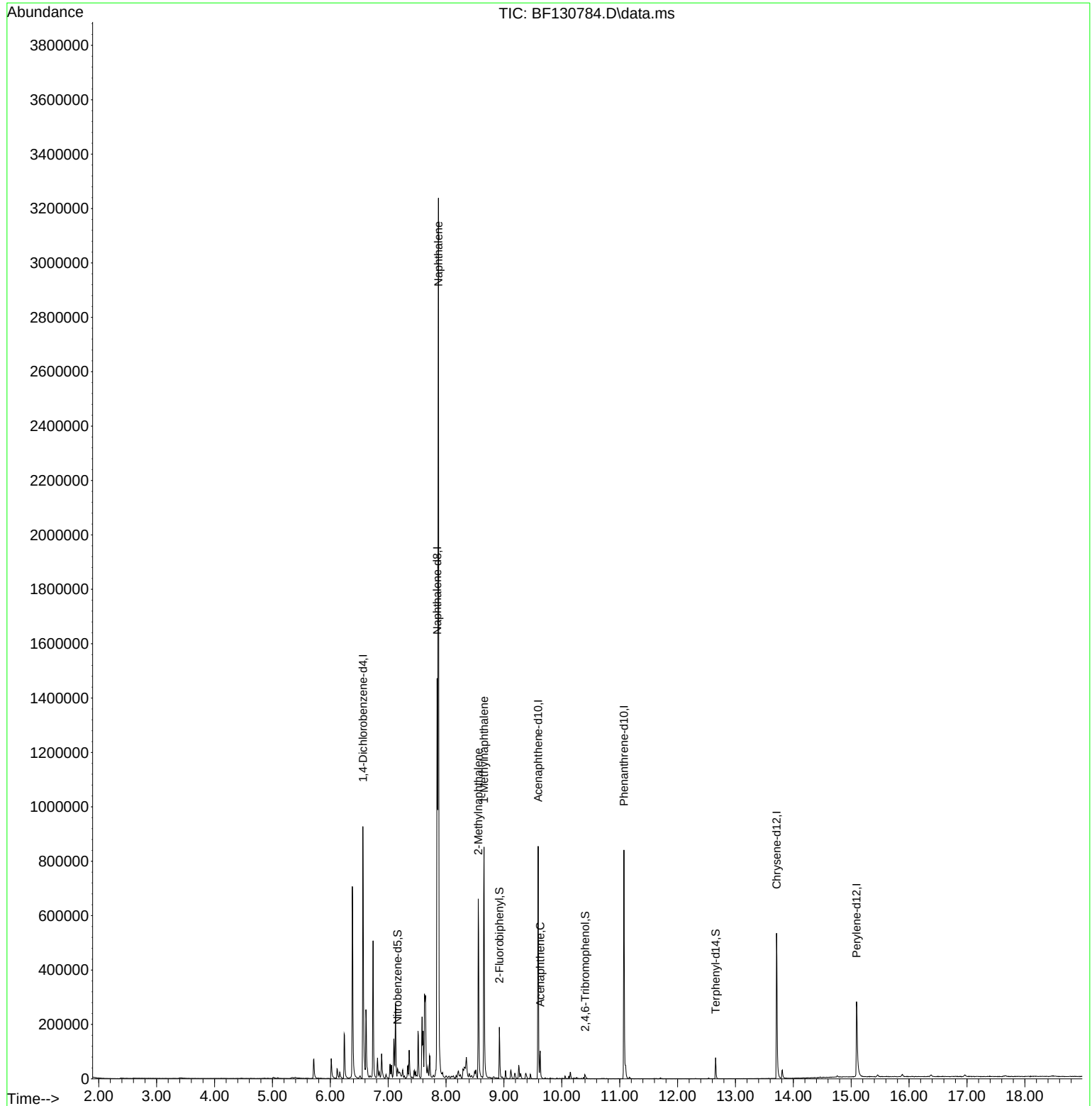
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102622\
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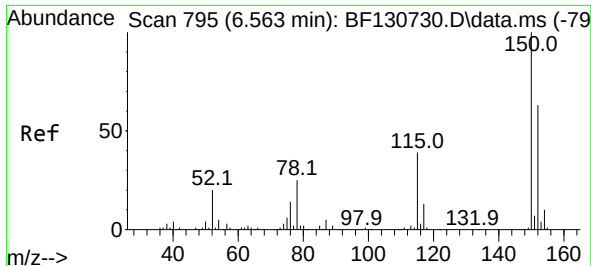
Instrument :
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ClientSampleId :
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Quant Time: Oct 27 09:03:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
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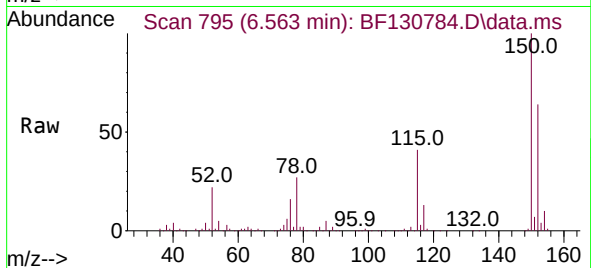
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 11/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.563 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

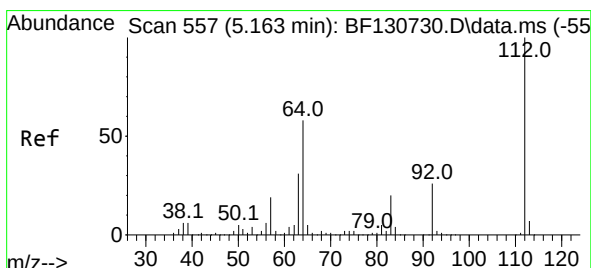
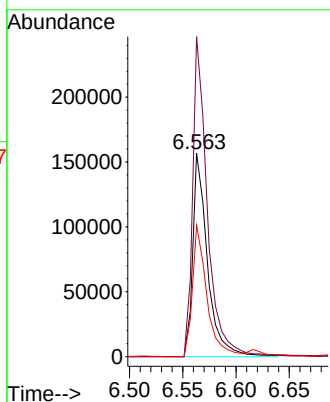
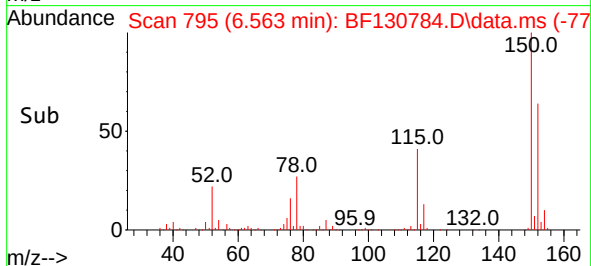
Instrument :
BNA_F
ClientSampleId :
MW-14DL2



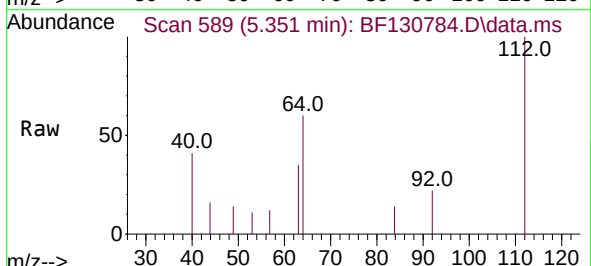
Tgt Ion:152 Resp: 150656
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 64.6 49.9 74.9

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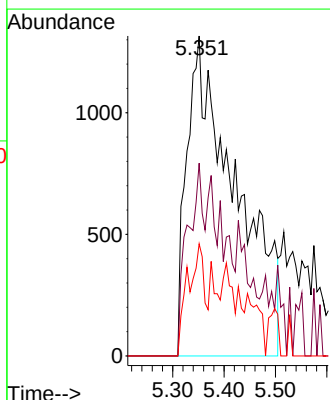
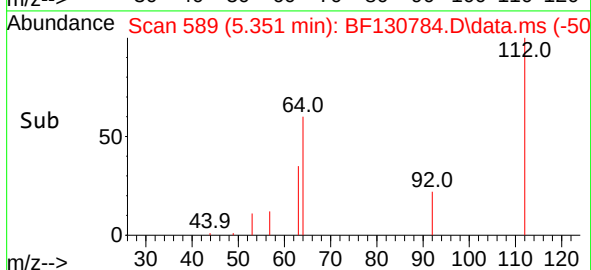
Reviewed By :Christian Giraldo 10/27/2022
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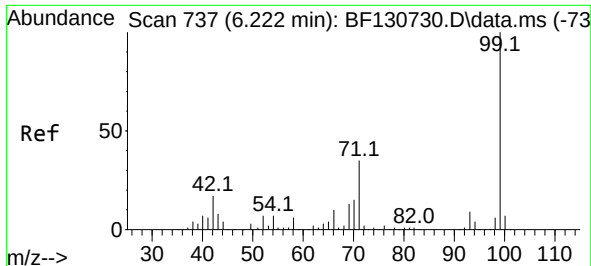


#5
2-Fluorophenol
Concen: 0.993 ng m
RT: 5.351 min Scan# 589
Delta R.T. 0.176 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30



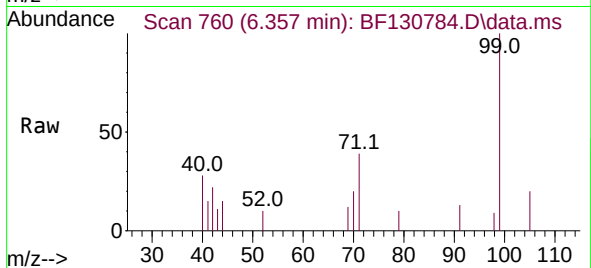
Tgt Ion:112 Resp: 8673
Ion Ratio Lower Upper
112 100
64 60.3 46.2 69.4
63 35.0 25.1 37.7





#7
Phenol-d6
Concen: 0.806 ng
RT: 6.357 min Scan# 70
Delta R.T. 0.129 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

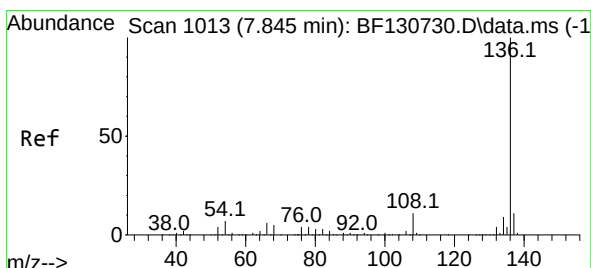
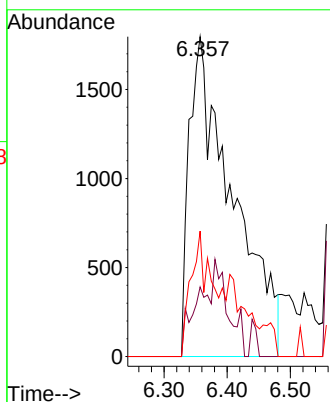
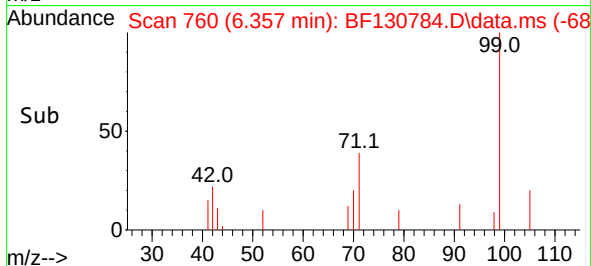
Instrument :
BNA_F
ClientSampleId :
MW-14DL2



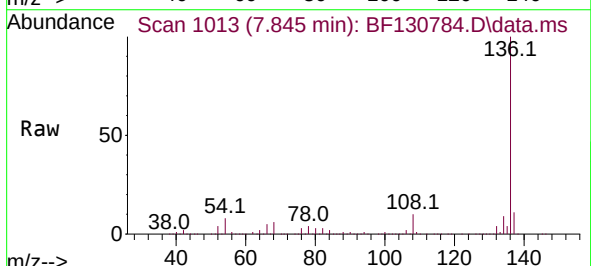
Tgt Ion: 99 Resp: 8524
Ion Ratio Lower Upper
99 100
42 21.8 13.8 20.8
71 39.2 28.3 42.5

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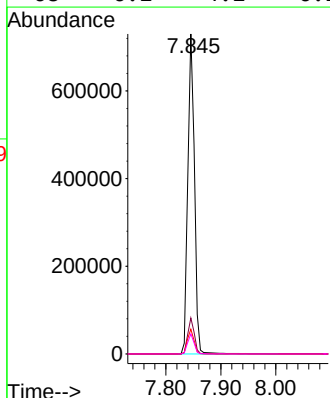
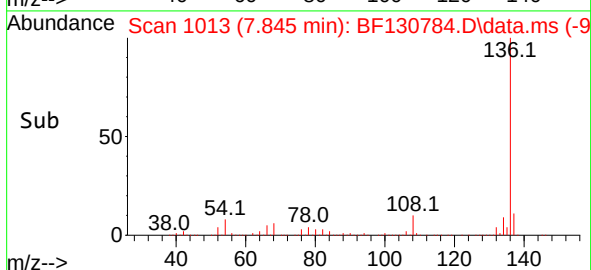
Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 11/01/2022

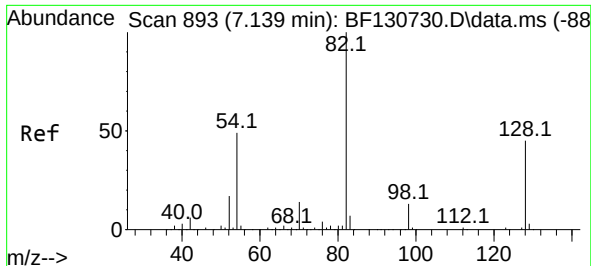


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.845 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30



Tgt Ion:136 Resp: 609142
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.7 5.8 8.8
68 6.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 2.120 ng

RT: 7.163 min Scan# 89

Delta R.T. 0.023 min

Lab File: BF130784.D

Acq: 26 Oct 2022 15:30

Instrument :

BNA_F

ClientSampleId :

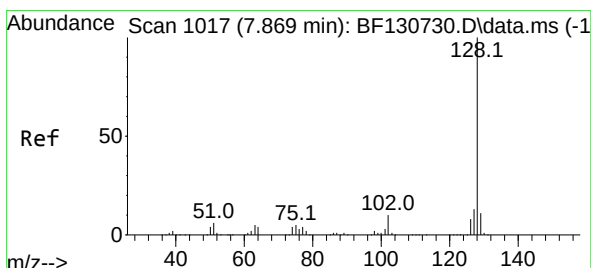
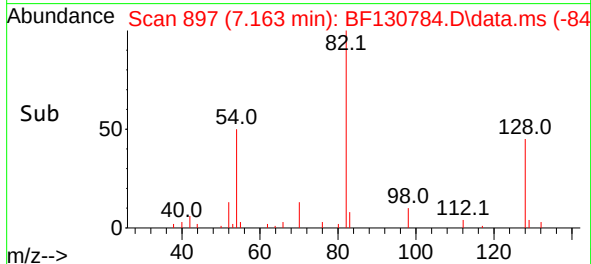
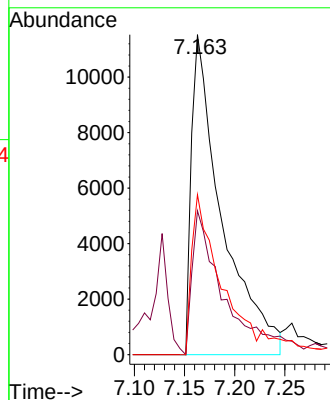
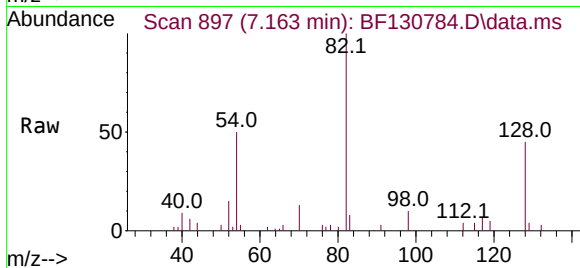
MW-14DL2

Tgt Ion:	82	Resp:	24345
Ion Ratio	Lower	Upper	
82	100		
128	44.9	35.9	53.9
54	50.0	39.2	58.8

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#31

Naphthalene

Concen: 47.380 ng

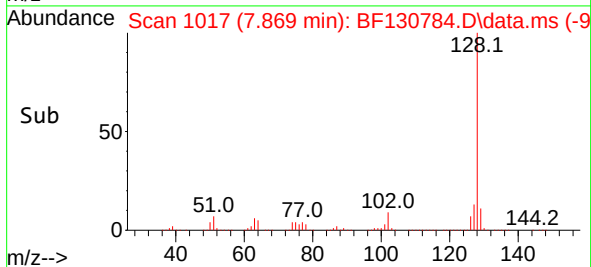
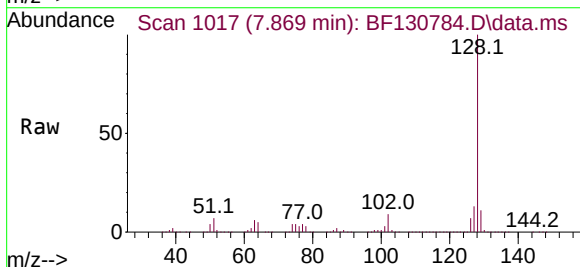
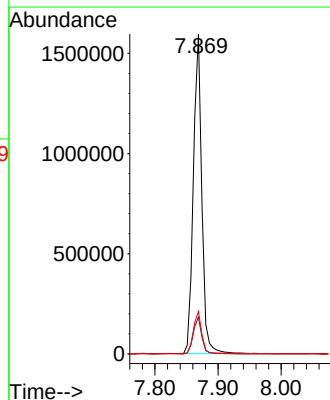
RT: 7.869 min Scan# 1017

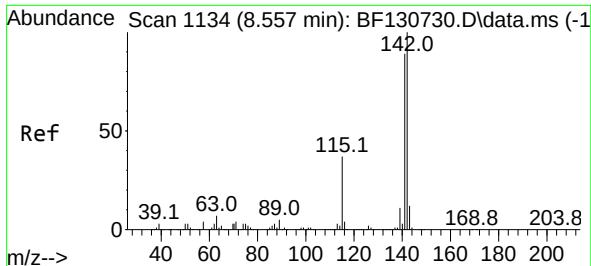
Delta R.T. -0.000 min

Lab File: BF130784.D

Acq: 26 Oct 2022 15:30

Tgt Ion:	128	Resp:	1488104
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.9	13.3
127	13.3	10.6	16.0





#37

2-Methylnaphthalene

Concen: 9.105 ng

RT: 8.557 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF130784.D

Acq: 26 Oct 2022 15:30

Instrument :

BNA_F

ClientSampleId :

MW-14DL2

Tgt Ion:142 Resp: 187376

Ion Ratio Lower Upper

142 100

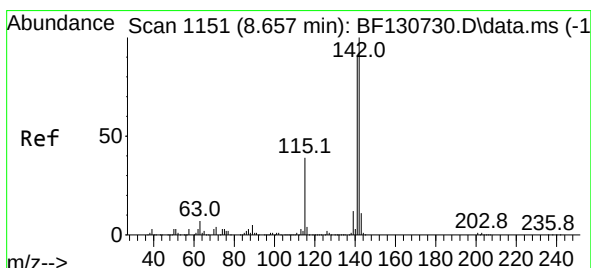
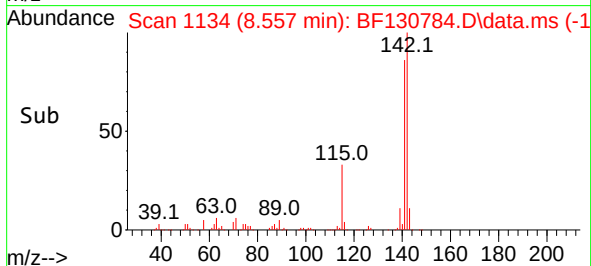
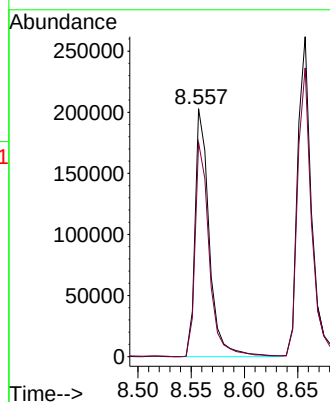
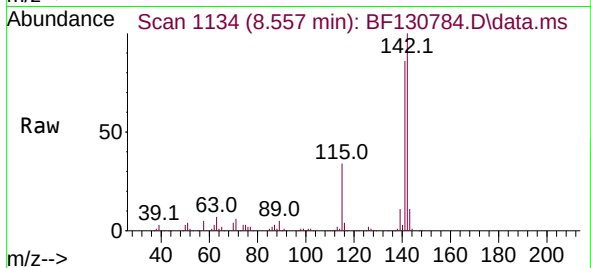
141 86.3 71.0 106.4

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#38

1-Methylnaphthalene

Concen: 11.983 ng

RT: 8.657 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130784.D

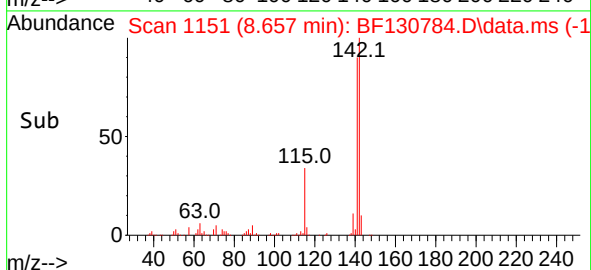
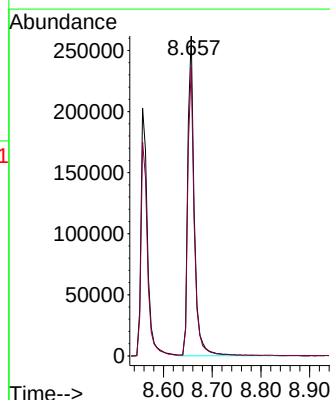
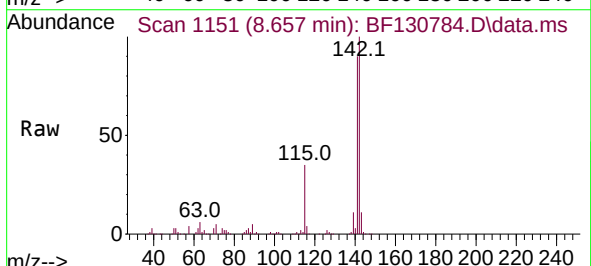
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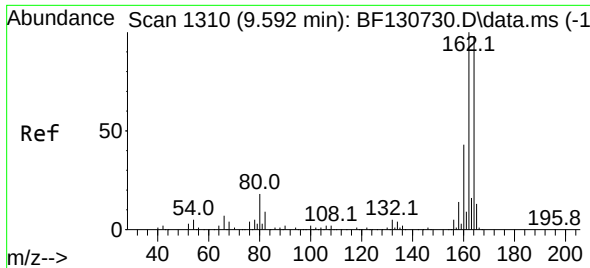
Tgt Ion:142 Resp: 244477

Ion Ratio Lower Upper

142 100

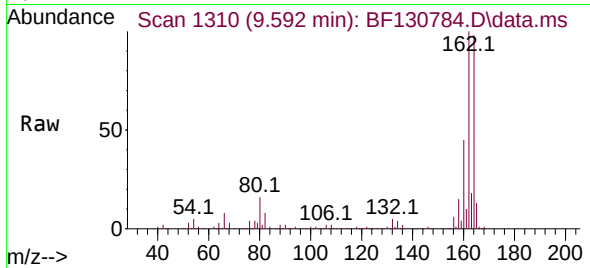
141 90.2 73.0 109.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.592 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

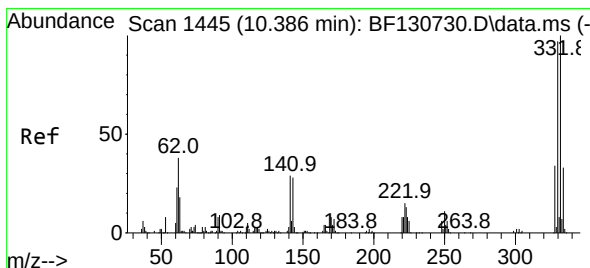
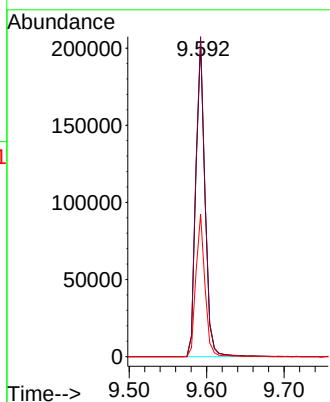
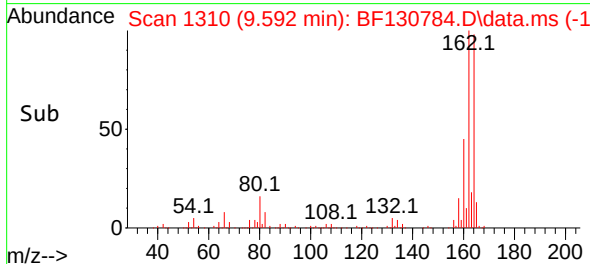
Instrument :
BNA_F
ClientSampleId :
MW-14DL2



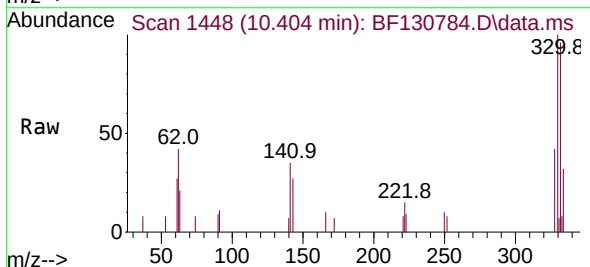
Tgt Ion:164 Resp: 167250
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 45.3 35.0 52.4

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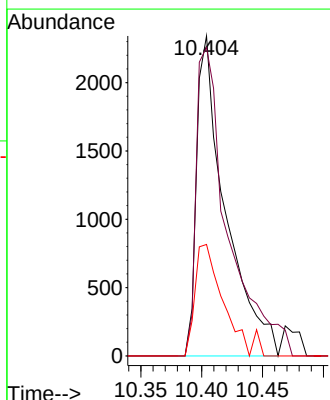
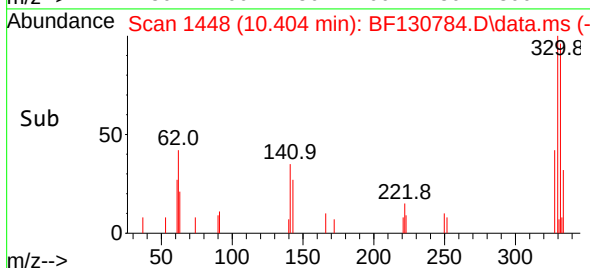
Reviewed By :Christian Giraldo 10/27/2022
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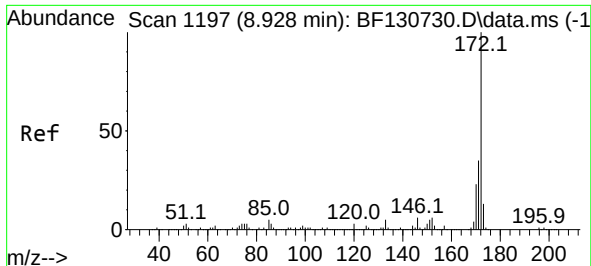


#42
2,4,6-Tribromophenol
Concen: 2.429 ng
RT: 10.404 min Scan# 1448
Delta R.T. 0.018 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30



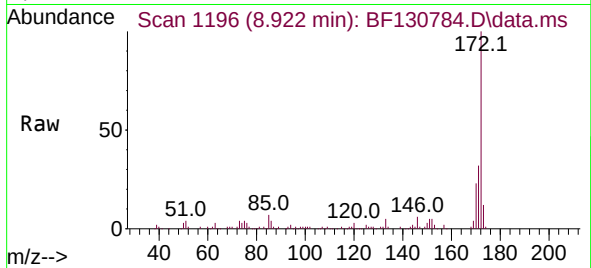
Tgt Ion:330 Resp: 3864
Ion Ratio Lower Upper
330 100
332 106.0 81.4 122.2
141 34.7 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 5.204 ng
RT: 8.922 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

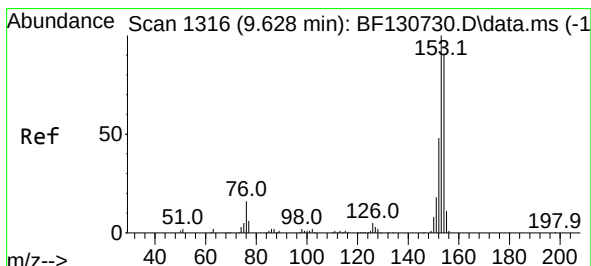
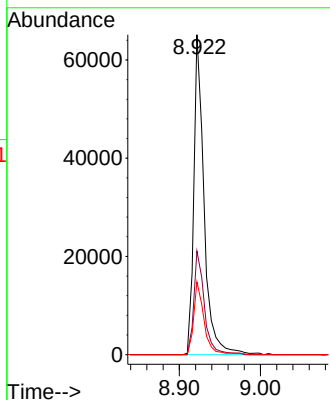
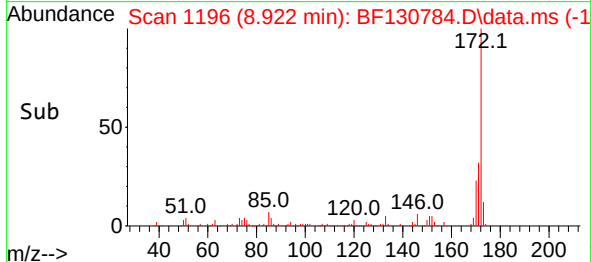
Instrument :
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ClientSampleId :
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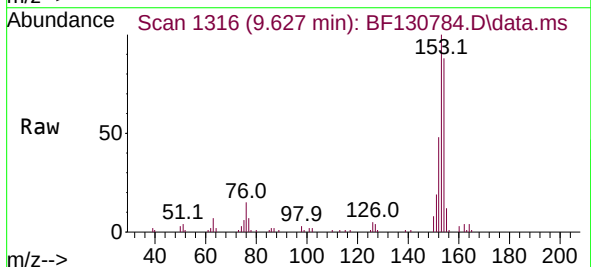
Tgt Ion:172 Resp: 57118
Ion Ratio Lower Upper
172 100
171 32.4 28.2 42.2
170 22.7 18.5 27.7

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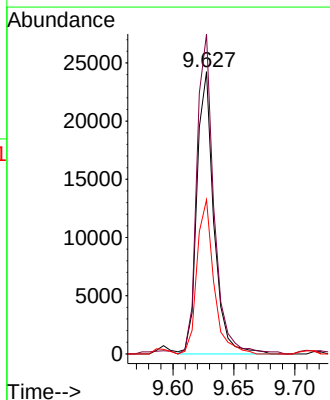
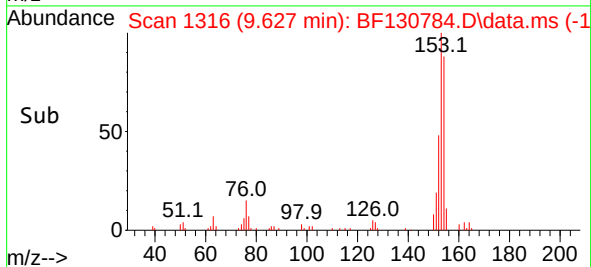
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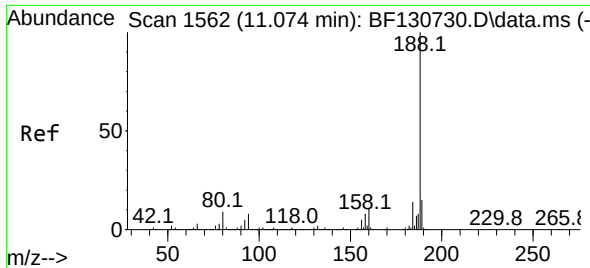


#52
Acenaphthene
Concen: 2.637 ng
RT: 9.627 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30



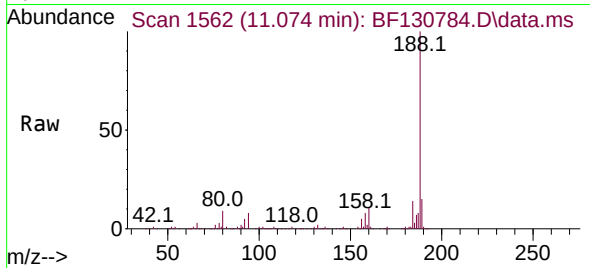
Tgt Ion:154 Resp: 23427
Ion Ratio Lower Upper
154 100
153 113.4 88.4 132.6
152 54.6 42.0 63.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30

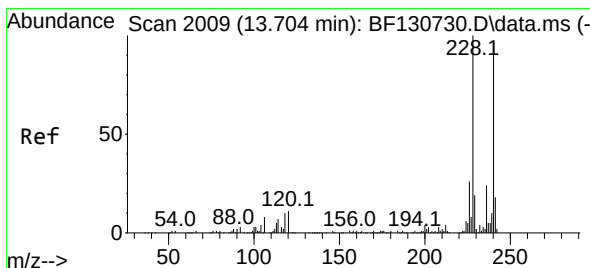
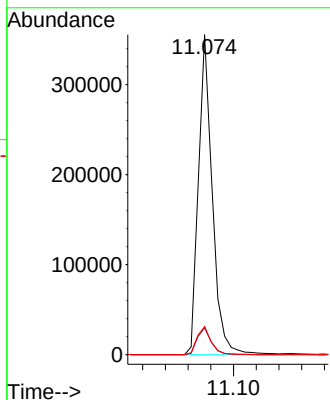
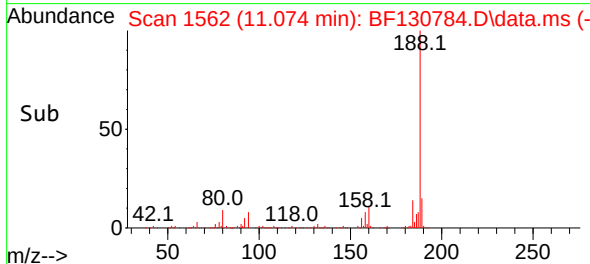
Instrument :
BNA_F
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MW-14DL2



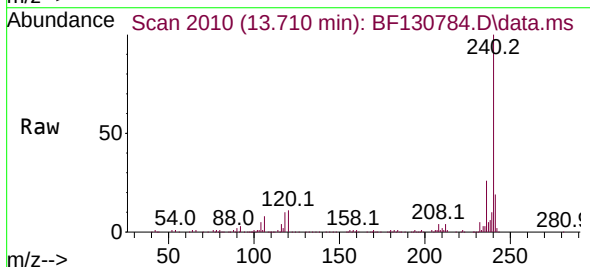
Tgt Ion:188 Resp: 300854
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.8 7.4 11.0

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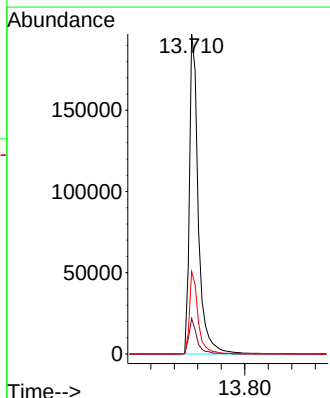
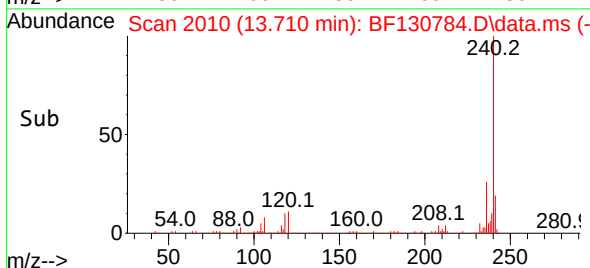
Reviewed By :Christian Giraldo 10/27/2022
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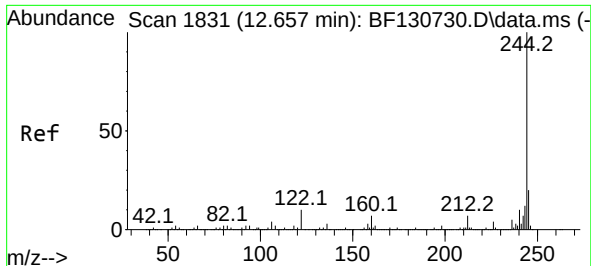


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF130784.D
Acq: 26 Oct 2022 15:30



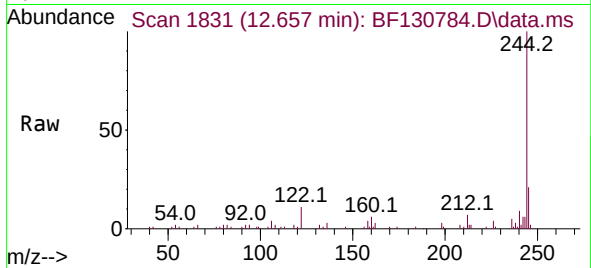
Tgt Ion:240 Resp: 207167
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 25.8 20.2 30.2





#79
 Terphenyl-d14
 Concen: 2.393 ng
 RT: 12.657 min Scan# 1831
 Delta R.T. -0.000 min
 Lab File: BF130784.D
 Acq: 26 Oct 2022 15:30

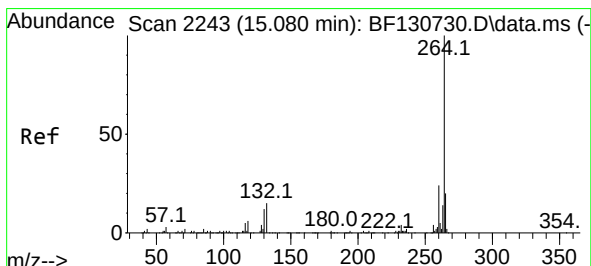
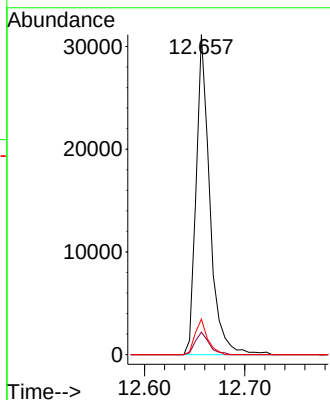
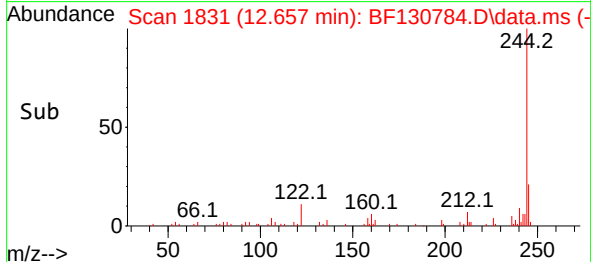
Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL2



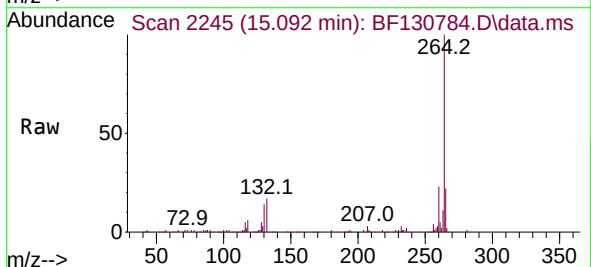
Tgt Ion:244 Resp: 29419
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.1 8.2 12.4

Manual Integrations
 APPROVED

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.092 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF130784.D
 Acq: 26 Oct 2022 15:30



Tgt Ion:264 Resp: 148690
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.7 16.2 24.4

