

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133140.D
 Acq On : 29 Apr 2023 01:05
 Operator : CG\JU
 Sample : 02522-10DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2DL

Quant Time: May 01 03:10:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	200827	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	813458	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	426361	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	753055	20.000	ng	0.00
76) Chrysene-d12	13.880	240	540300	20.000	ng	-0.01
86) Perylene-d12	15.304	264	401697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	282452	21.246	ng	0.00
7) Phenol-d6	6.369	99	303542	18.395	ng	-0.01
23) Nitrobenzene-d5	7.298	82	630230	41.819	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	274588	64.038	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1193235	46.821	ng	0.00
79) Terphenyl-d14	12.833	244	1350668	43.114	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.692	122	55398m	4.386	ng	Qvalue
31) Naphthalene	8.045	128	2537676	62.396	ng	98
37) 2-Methylnaphthalene	8.728	142	474330	17.059	ng	99
38) 1-Methylnaphthalene	8.828	142	268612	10.327	ng	98

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

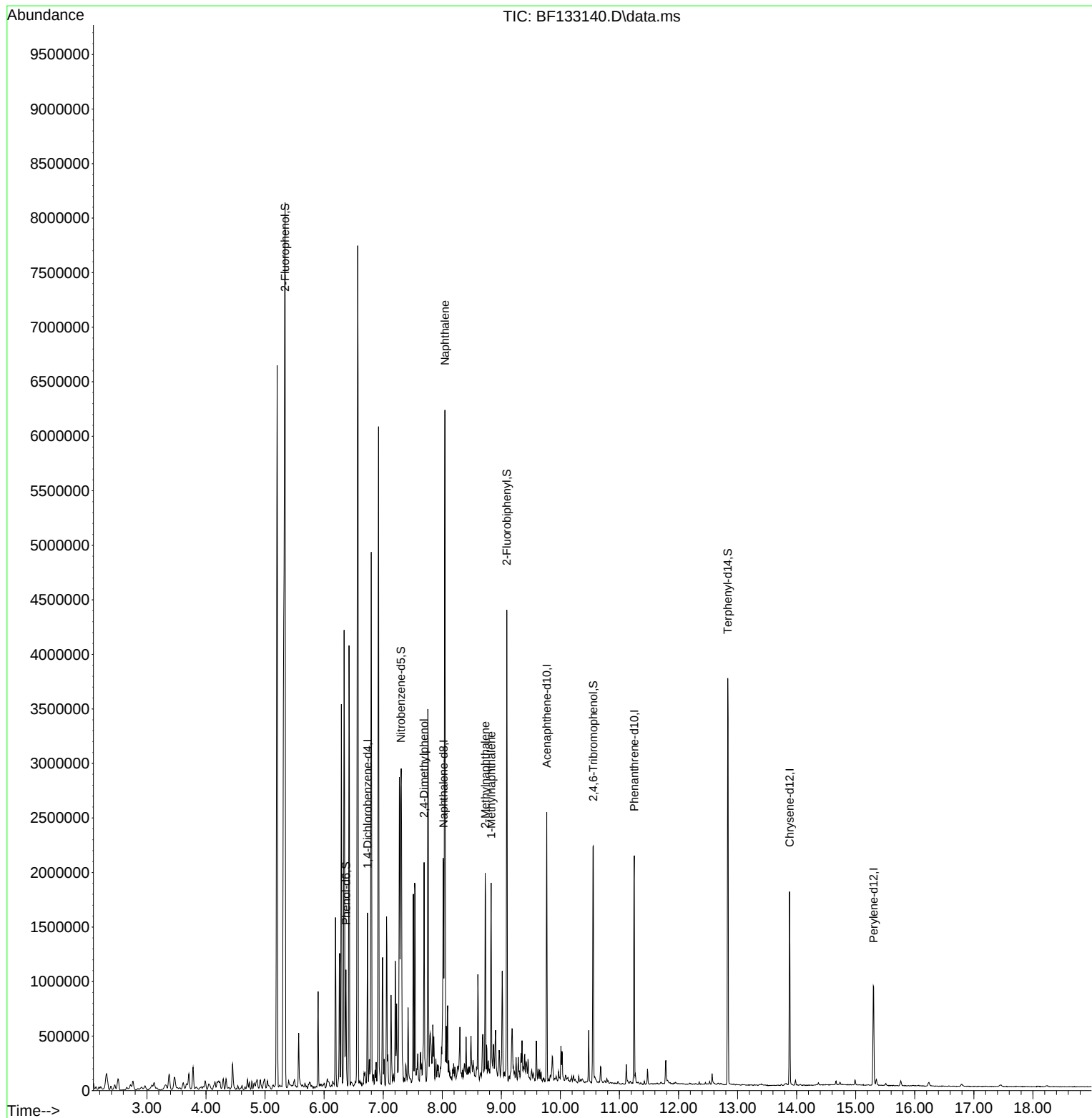
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133140.D
Acq On : 29 Apr 2023 01:05
Operator : CG\JU
Sample : 02522-10DL 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

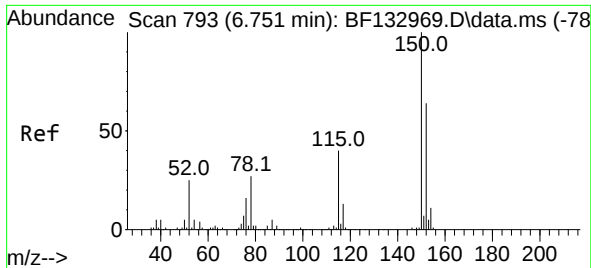
Instrument :
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ClientSampleId :
MW-2DL

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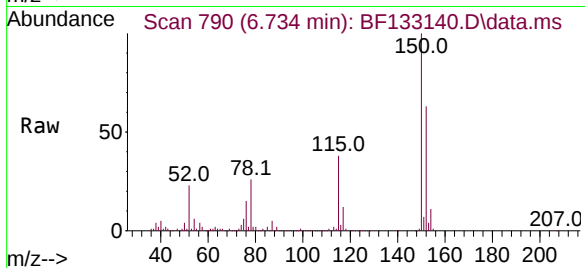
Quant Time: May 01 03:10:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 01 03:03:04 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

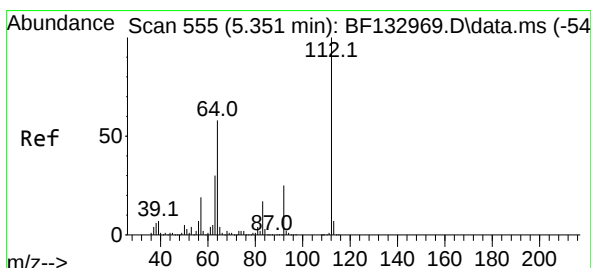
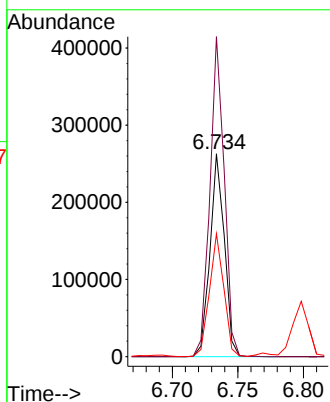
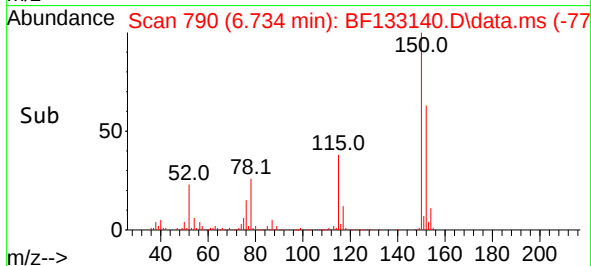
Instrument :
BNA_F
Client SampleId :
MW-2DL



Tgt Ion:152 Resp: 200827
Ion Ratio Lower Upper
152 100
150 157.8 124.8 187.2
115 60.6 49.9 74.9

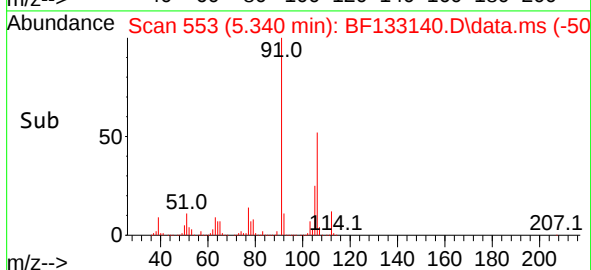
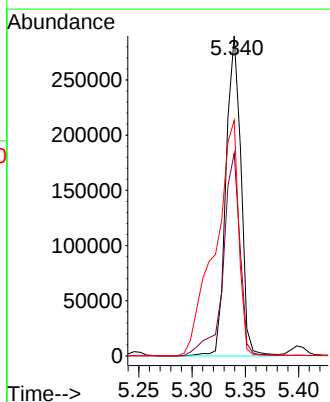
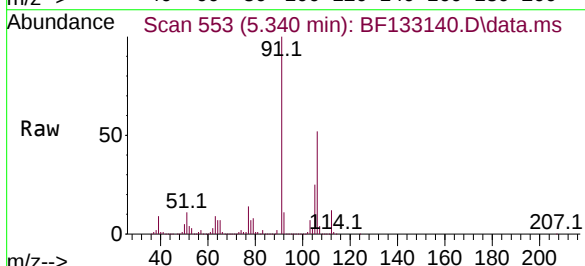
Manual Integrations
APPROVED

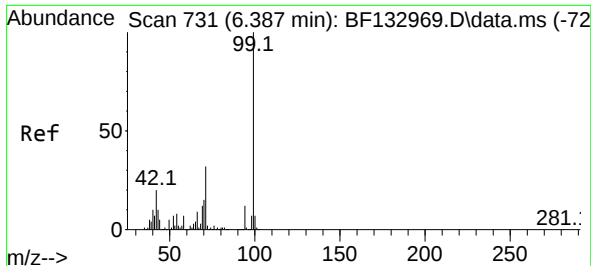
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#5
2-Fluorophenol
Concen: 21.246 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

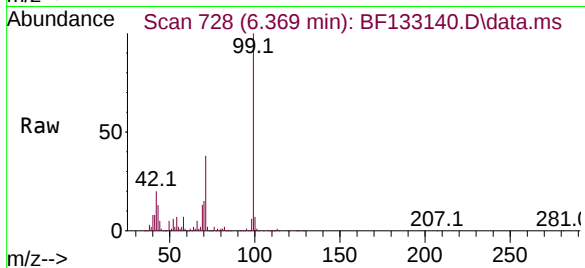
Tgt Ion:112 Resp: 282452
Ion Ratio Lower Upper
112 100
64 63.3 46.8 70.2
63 73.6 23.8 35.8#





#7
Phenol-d6
Concen: 18.395 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

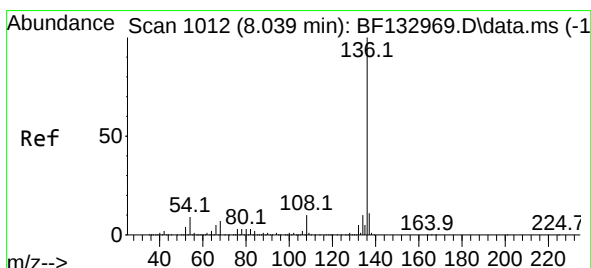
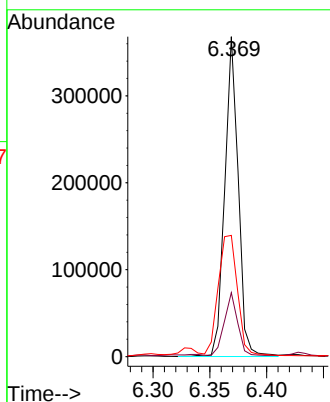
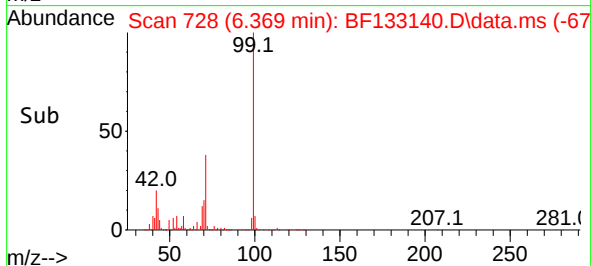
Instrument :
BNA_F
ClientSampleId :
MW-2DL



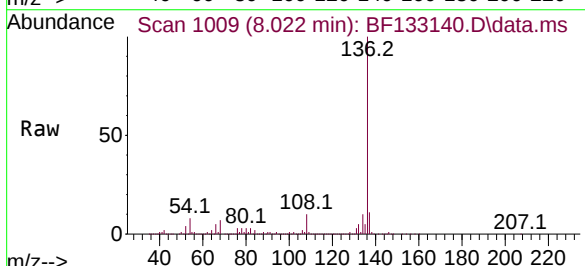
Tgt Ion: 99 Resp: 303542
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 37.9 25.6 38.4

Manual Integrations
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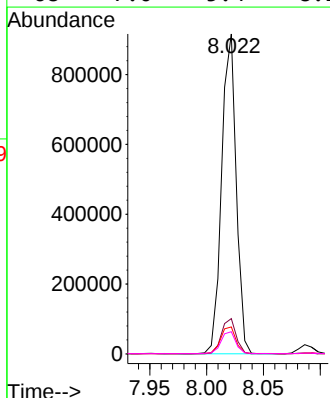
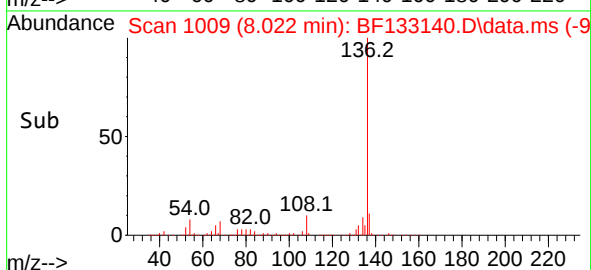
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

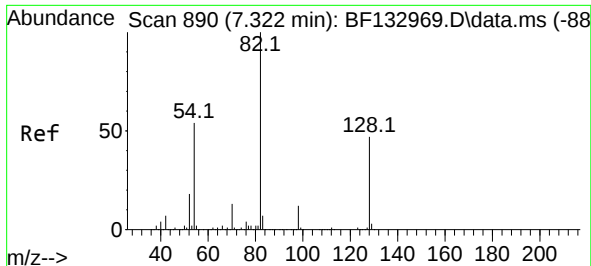


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05



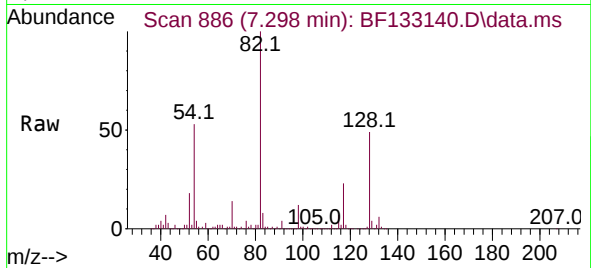
Tgt Ion:136 Resp: 813458
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.0 10.4
68 7.0 5.4 8.2





#23
Nitrobenzene-d5
Concen: 41.819 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

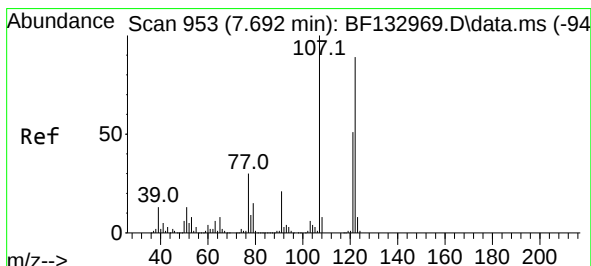
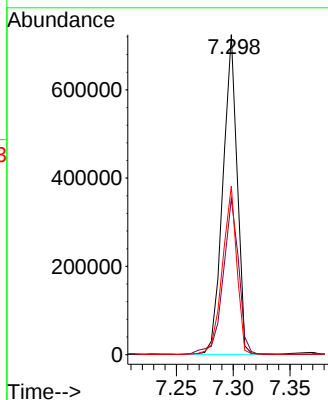
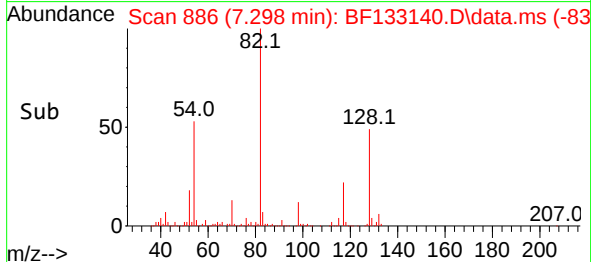
Instrument :
BNA_F
Client SampleId :
MW-2DL



Tgt Ion: 82 Resp: 630230
Ion Ratio Lower Upper
82 100
128 48.8 37.7 56.5
54 52.6 43.0 64.4

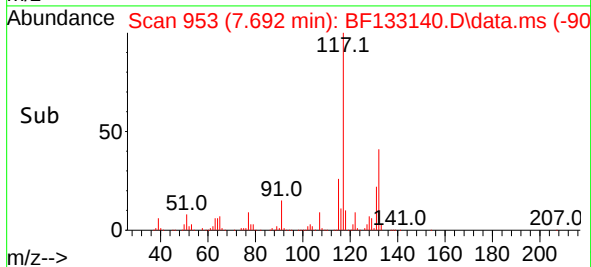
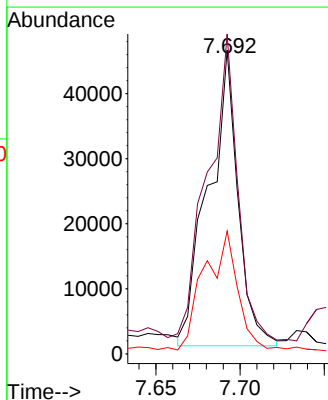
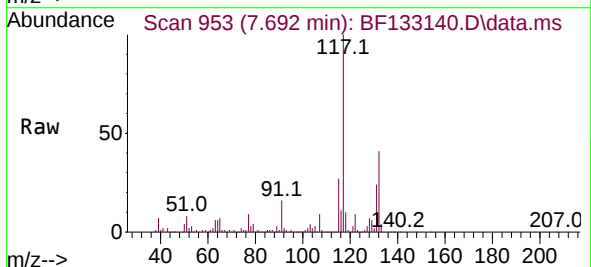
Manual Integrations
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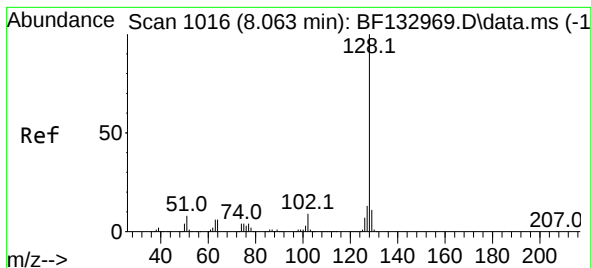
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
2,4-Dimethylphenol
Concen: 4.386 ng m
RT: 7.692 min Scan# 953
Delta R.T. 0.012 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

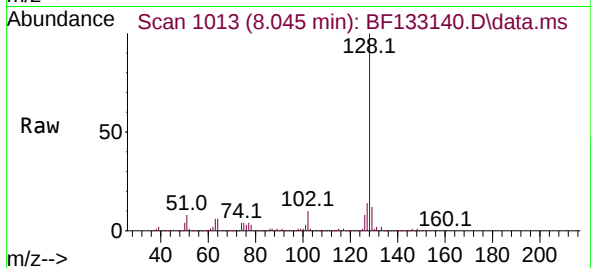
Tgt Ion:122 Resp: 55398
Ion Ratio Lower Upper
122 100
107 105.3 89.7 134.5
121 40.4 46.0 69.0#





#31
Naphthalene
Concen: 62.396 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

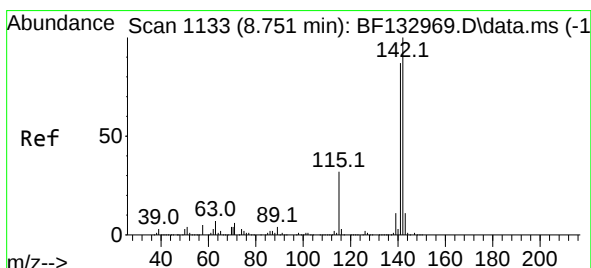
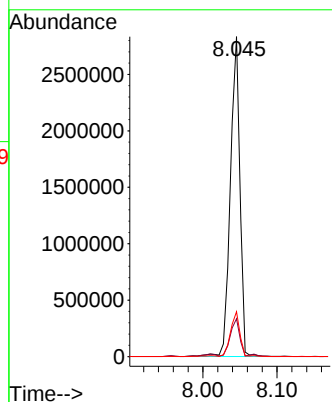
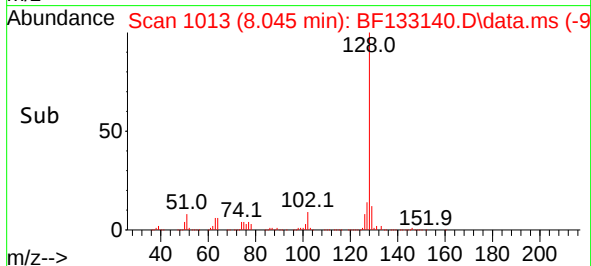
Instrument :
BNA_F
ClientSampleId :
MW-2DL



Tgt Ion:128 Resp: 2537676
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.0 10.7 16.1

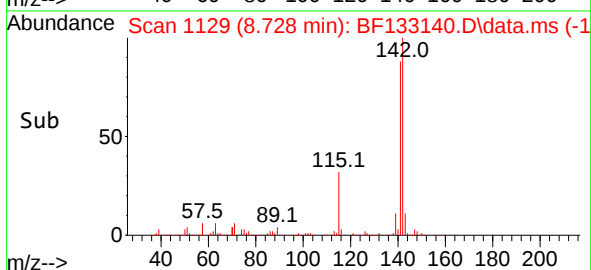
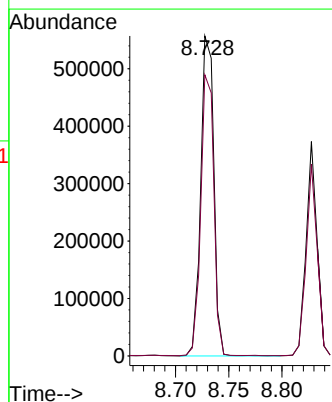
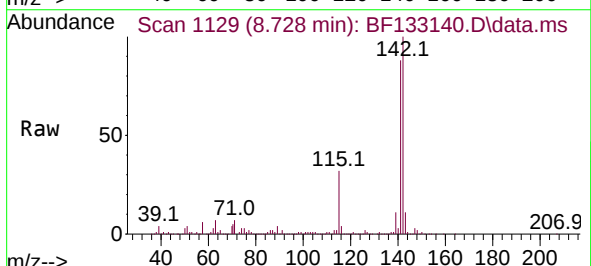
Manual Integrations
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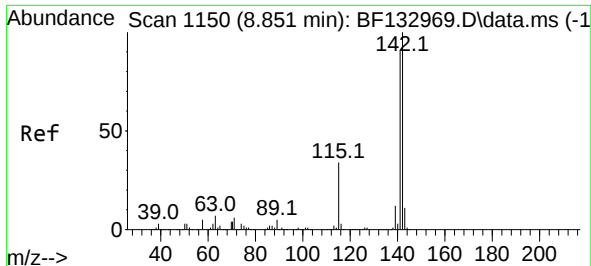
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#37
2-Methylnaphthalene
Concen: 17.059 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

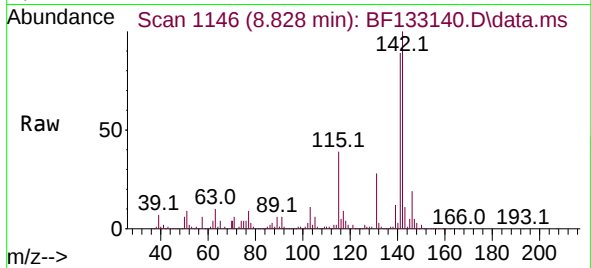
Tgt Ion:142 Resp: 474330
Ion Ratio Lower Upper
142 100
141 87.8 69.4 104.0





#38
1-Methylnaphthalene
Concen: 10.327 ng
RT: 8.828 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

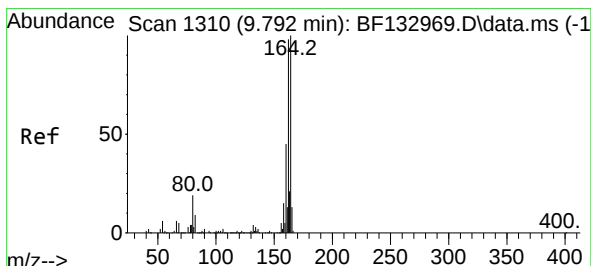
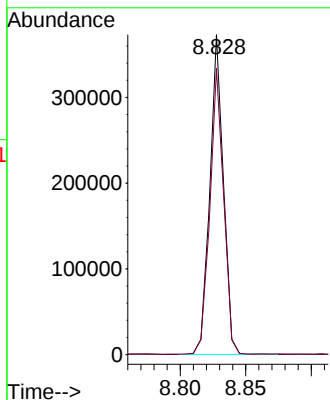
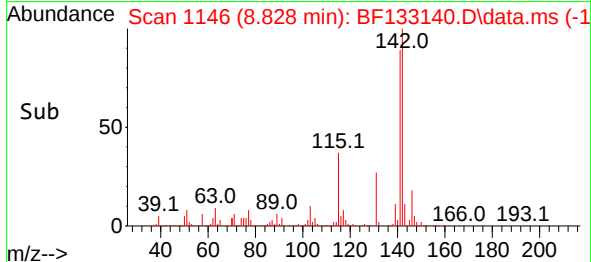
Instrument :
BNA_F
ClientSampleId :
MW-2DL



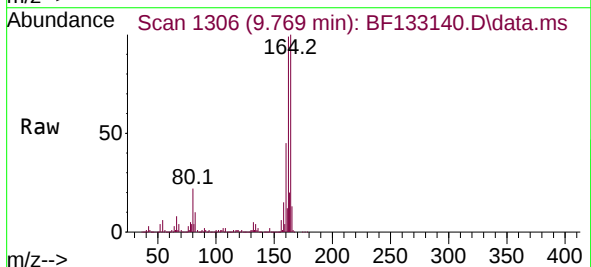
Tgt Ion:142 Resp: 268612
Ion Ratio Lower Upper
142 100
141 89.4 73.1 109.7

Manual Integrations
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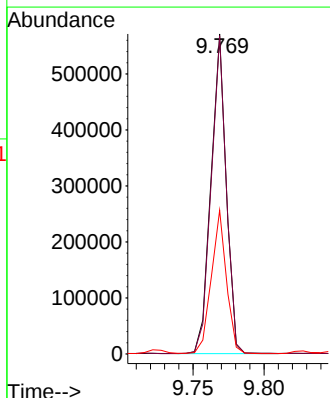
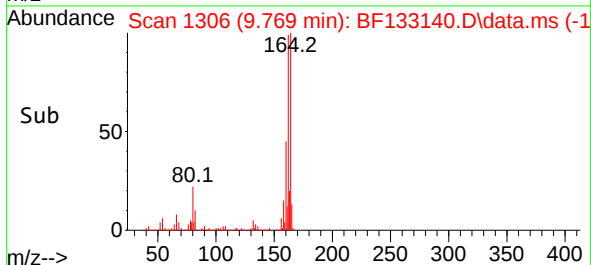
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

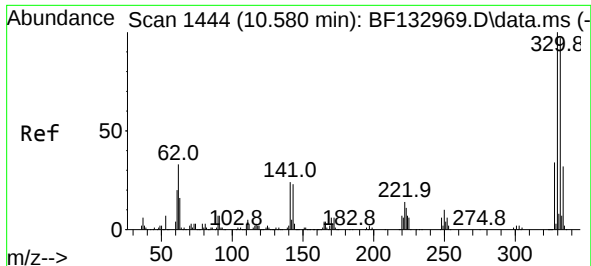


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05



Tgt Ion:164 Resp: 426361
Ion Ratio Lower Upper
164 100
162 99.5 78.7 118.1
160 44.9 35.8 53.6





#42
2,4,6-Tribromophenol
Concen: 64.038 ng
RT: 10.557 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

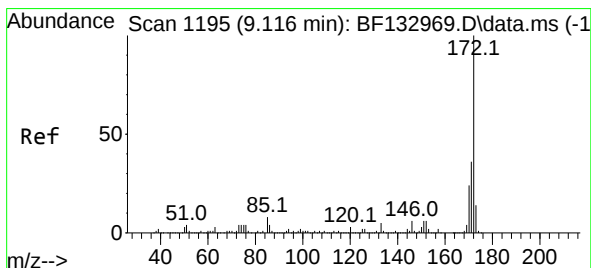
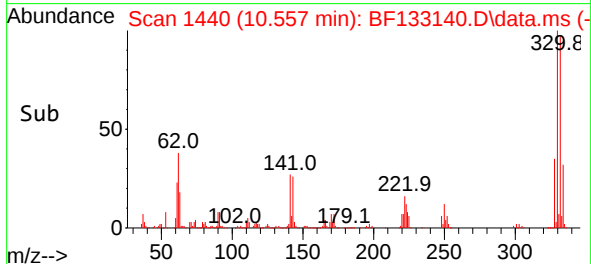
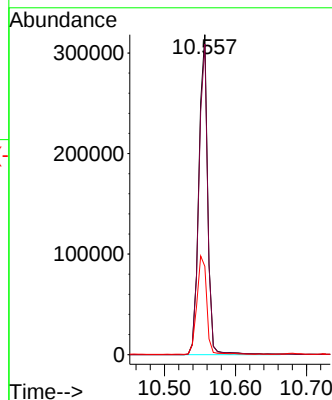
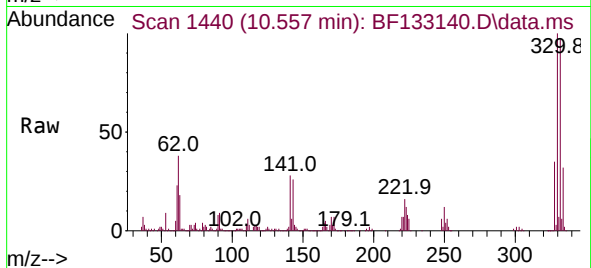
MW-2DL

Tgt Ion:330 Resp: 274588
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 34.2 25.8 38.8

Manual Integrations

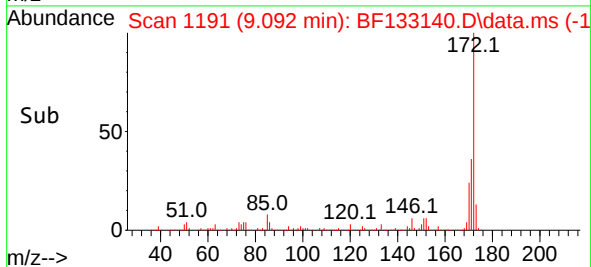
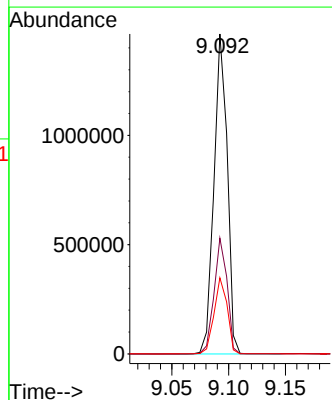
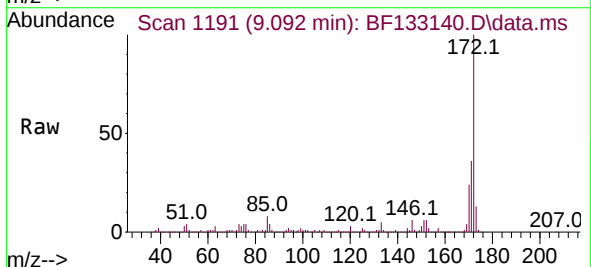
APPROVED

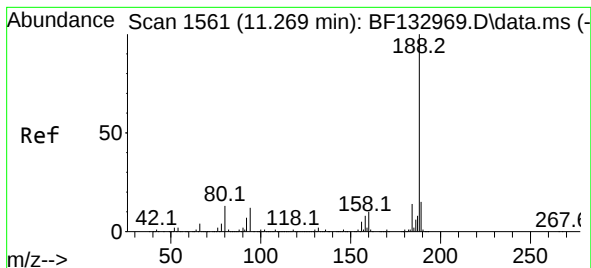
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#45
2-Fluorobiphenyl
Concen: 46.821 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:172 Resp: 1193235
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

Instrument :

BNA_F

ClientSampleId :

MW-2DL

Tgt Ion:188 Resp: 75305

Ion Ratio Lower Upper

188 100

94 10.1 9.7 14.5

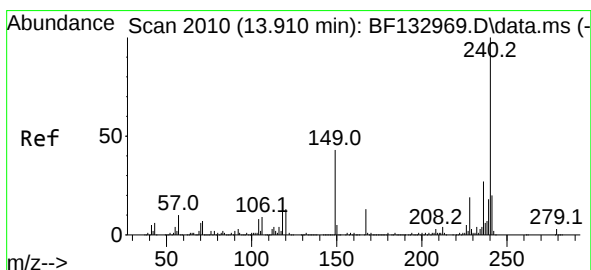
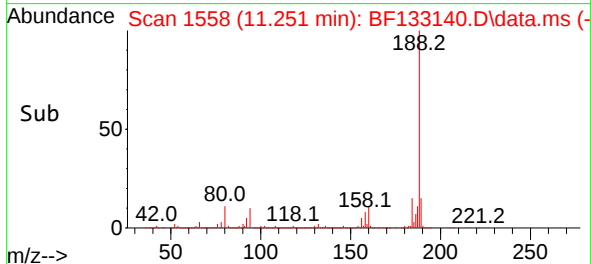
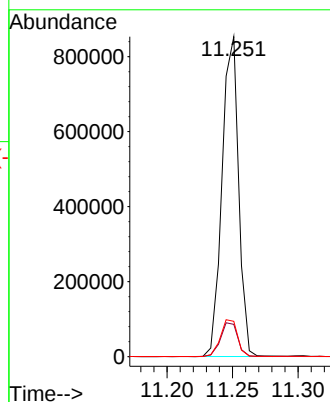
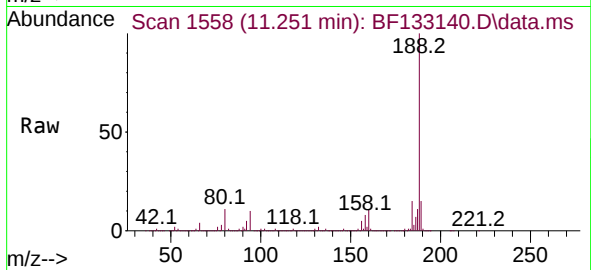
80 11.1 10.4 15.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133140.D

Acq: 29 Apr 2023 01:05

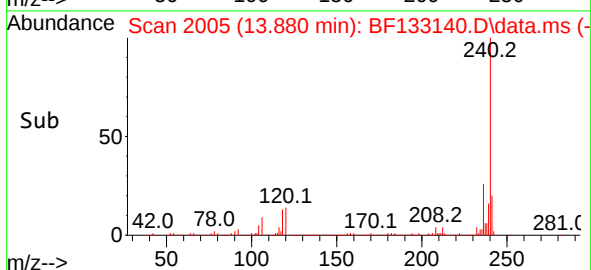
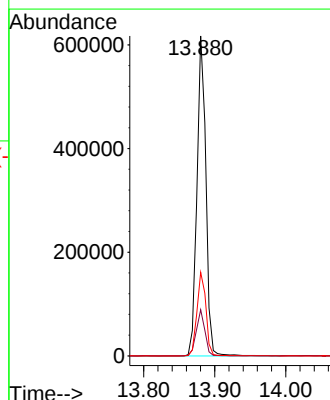
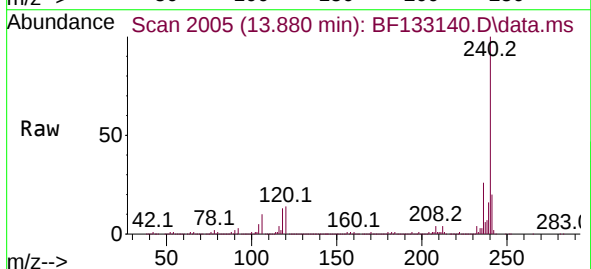
Tgt Ion:240 Resp: 540300

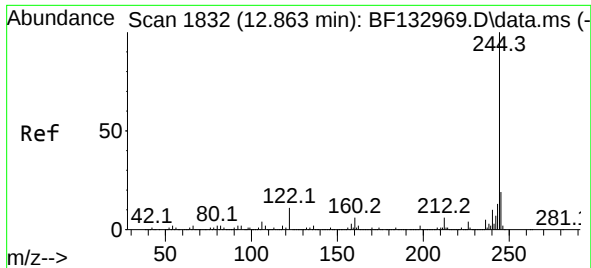
Ion Ratio Lower Upper

240 100

120 14.4 10.5 15.7

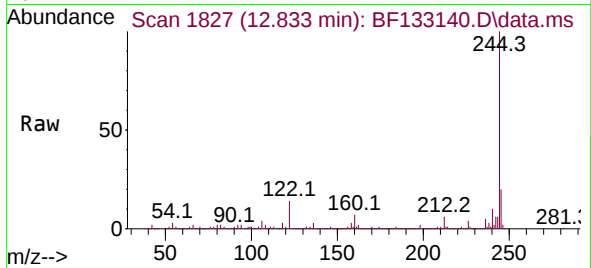
236 26.1 21.5 32.3





#79
Terphenyl-d14
Concen: 43.114 ng
RT: 12.833 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

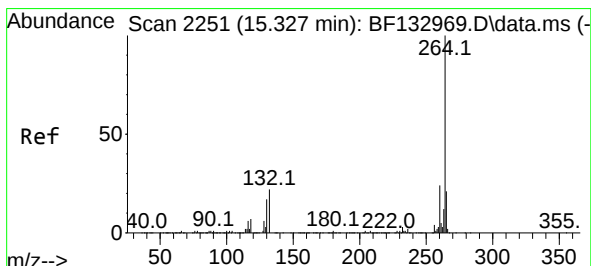
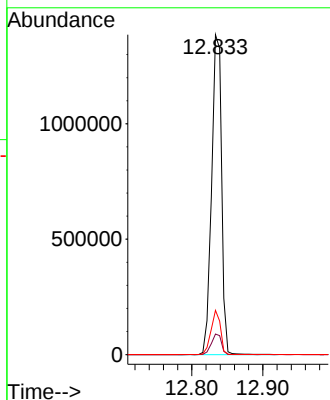
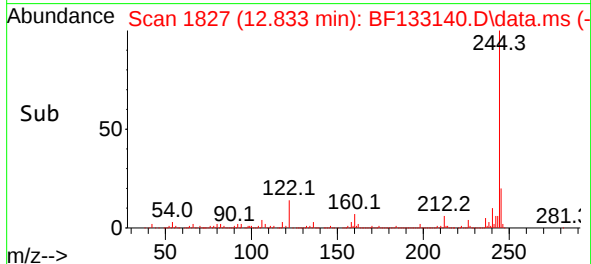
Instrument :
BNA_F
ClientSampleId :
MW-2DL



Tgt Ion:244 Resp: 1350668
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 13.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BF133140.D
Acq: 29 Apr 2023 01:05

Tgt Ion:264 Resp: 401697
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.7 17.0 25.4

