

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133120.D
 Acq On : 28 Apr 2023 13:24
 Operator : CG\JU
 Sample : 02522-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 13:52:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 12:18:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	163933	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	644173	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	348688	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	616577	20.000	ng	0.00
76) Chrysene-d12	13.881	240	355746	20.000	ng	-0.01
86) Perylene-d12	15.304	264	331057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	392972	36.212	ng	0.00
7) Phenol-d6	6.381	99	537795	39.926	ng	0.00
23) Nitrobenzene-d5	7.310	82	1013903	84.957	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	509964	145.425	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1893638	90.856	ng	0.00
79) Terphenyl-d14	12.839	244	2182689	105.817	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.699	122	107295m	10.727	ng	Qvalue
31) Naphthalene	8.051	128	3891655	120.834	ng	97
37) 2-Methylnaphthalene	8.734	142	792529	35.993	ng	97
38) 1-Methylnaphthalene	8.834	142	452542	21.970	ng	99
73) Carbazole	11.481	167	90746	3.005	ng	100

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

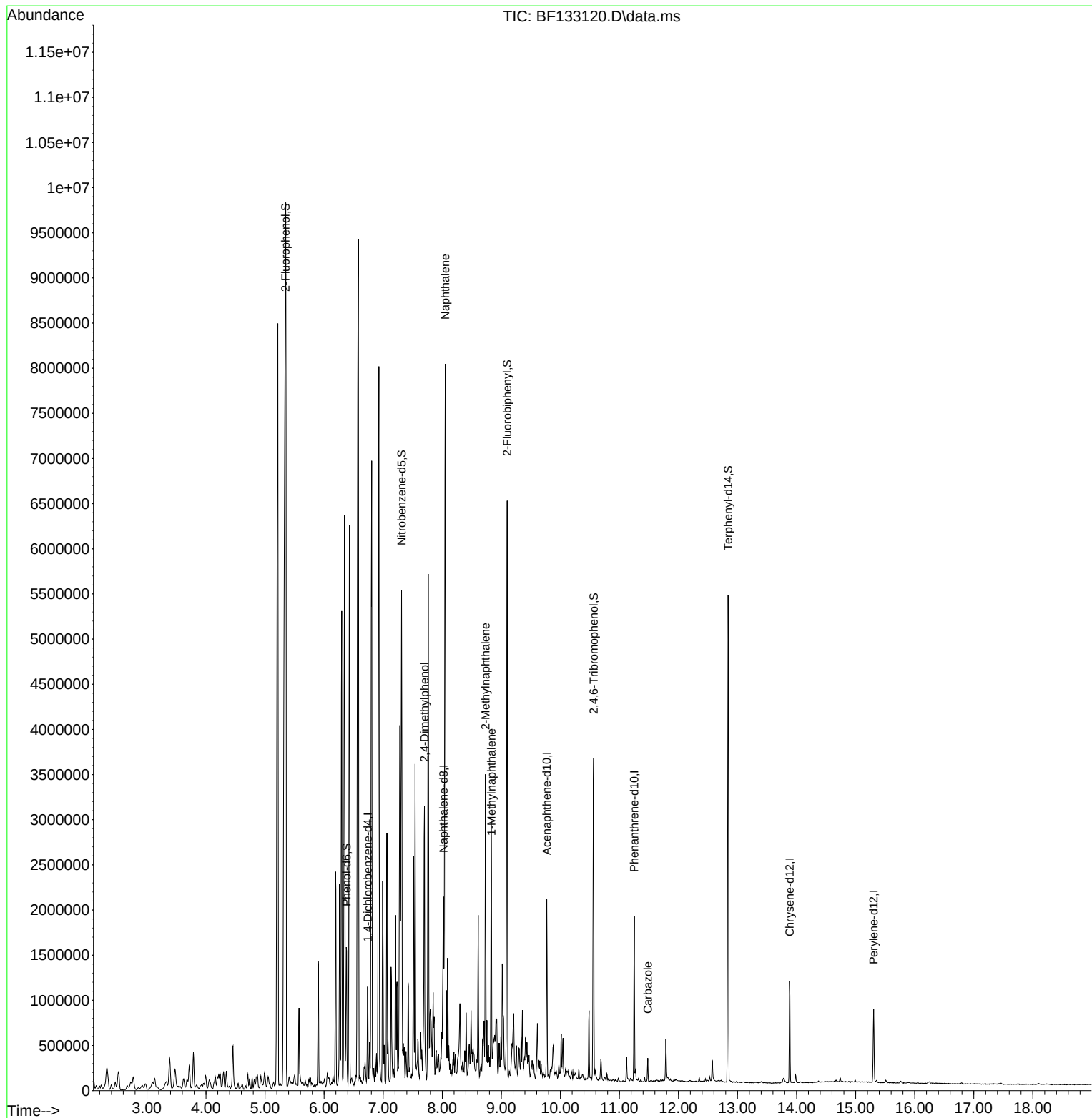
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
Data File : BF133120.D
Acq On : 28 Apr 2023 13:24
Operator : CG\JU
Sample : 02522-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

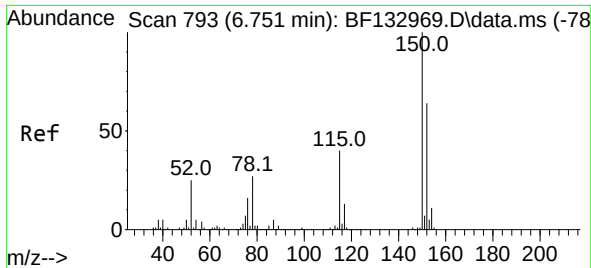
Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Apr 28 13:52:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 12:18:20 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

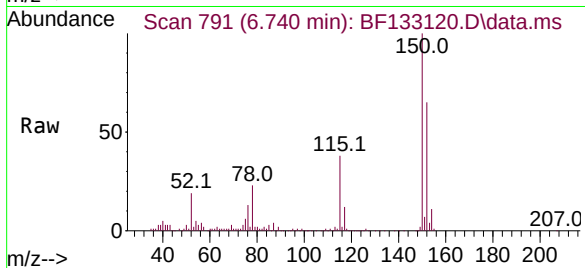
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. 0.001 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

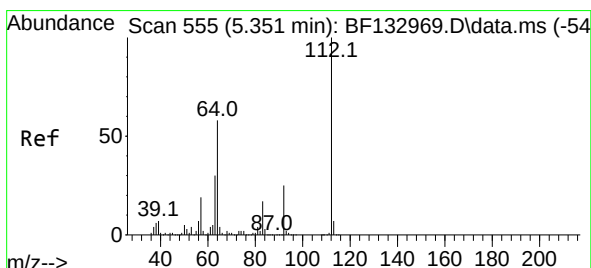
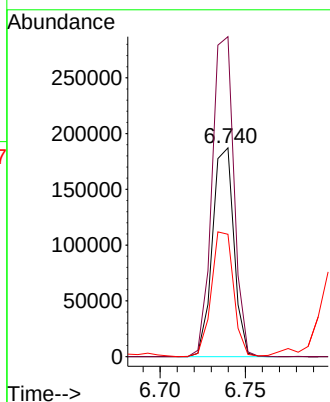
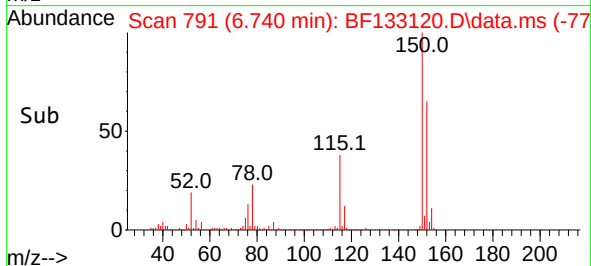
Instrument :
BNA_F
ClientSampleId :
MW-2



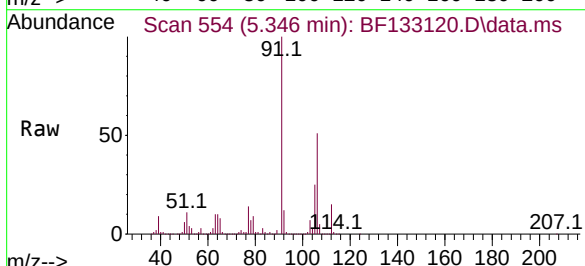
Tgt Ion:152 Resp: 163933
Ion Ratio Lower Upper
152 100
150 153.3 124.8 187.2
115 58.6 49.9 74.9

Manual Integrations
APPROVED

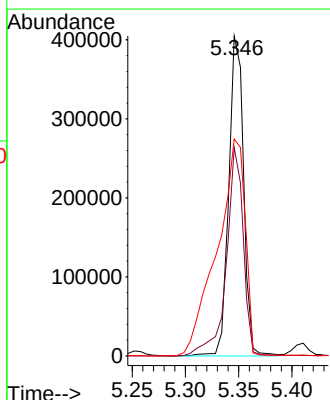
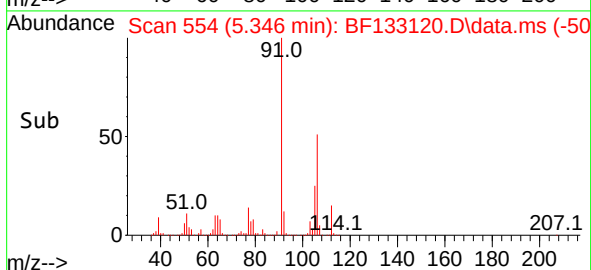
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

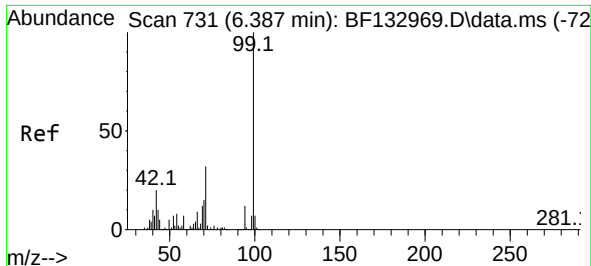


#5
2-Fluorophenol
Concen: 36.212 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24



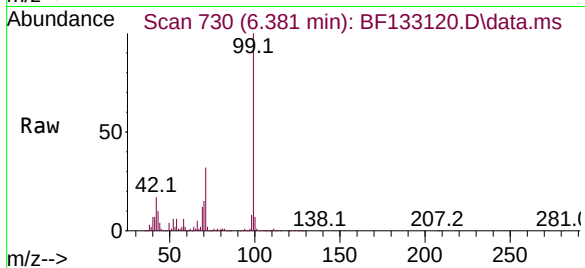
Tgt Ion:112 Resp: 392972
Ion Ratio Lower Upper
112 100
64 65.1 46.8 70.2
63 67.8 23.8 35.8#





#7
Phenol-d6
Concen: 39.926 ng
RT: 6.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

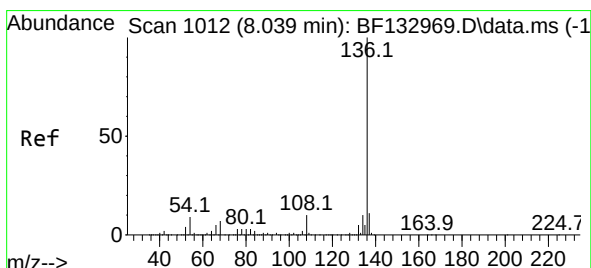
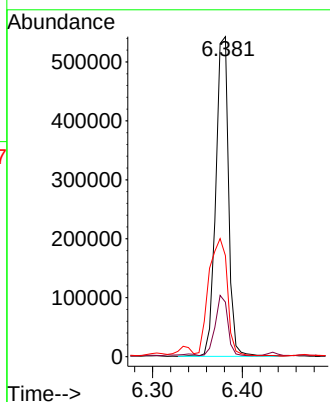
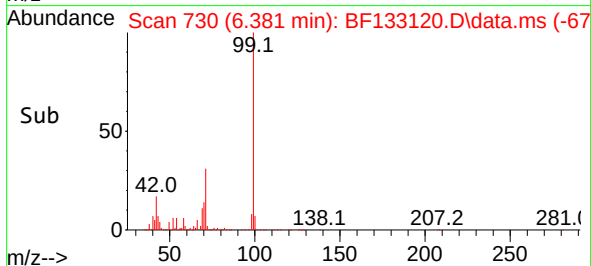
Instrument :
BNA_F
ClientSampleId :
MW-2



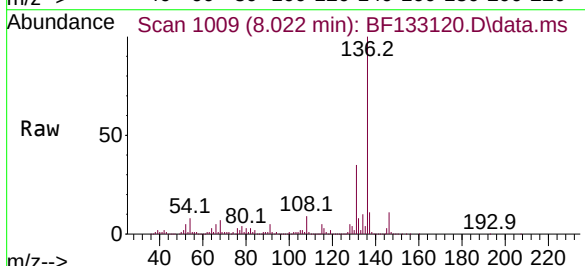
Tgt Ion: 99 Resp: 537795
Ion Ratio Lower Upper
99 100
42 17.0 16.3 24.5
71 31.6 25.6 38.4

Manual Integrations
APPROVED

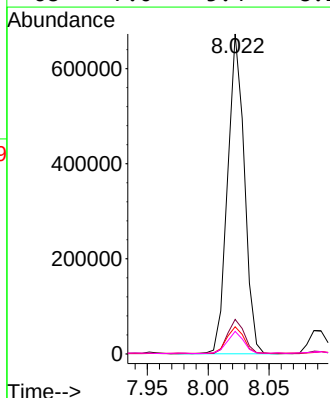
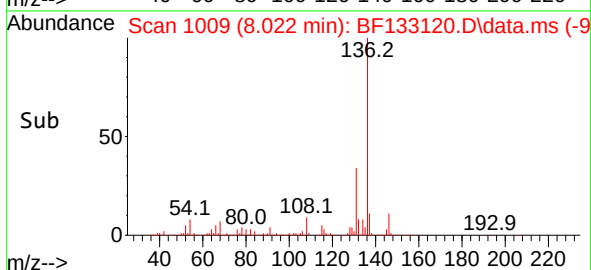
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

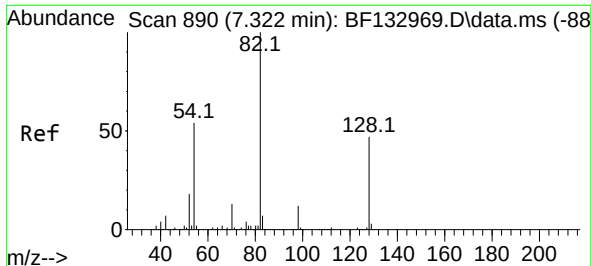


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24



Tgt Ion:136 Resp: 644173
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 7.0 10.4
68 7.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 84.957 ng

RT: 7.310 min Scan# 88

Delta R.T. 0.006 min

Lab File: BF133120.D

Acq: 28 Apr 2023 13:24

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion: 82 Resp: 1013903

Ion Ratio Lower Upper

82 100

128 53.1 37.7 56.5

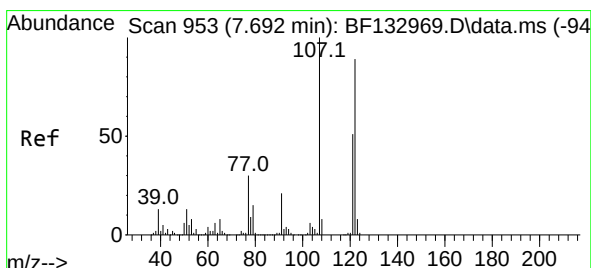
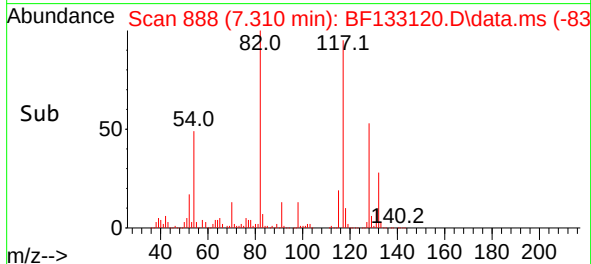
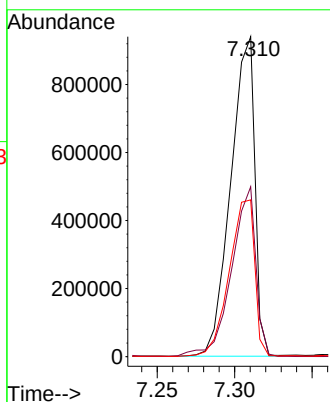
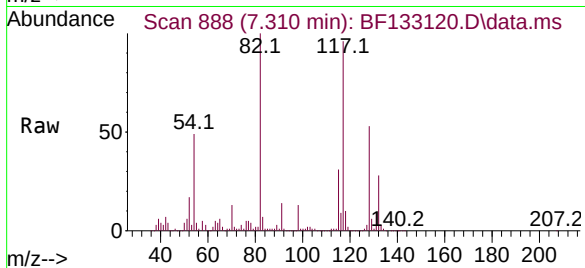
54 49.0 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/01/2023

Supervised By :Jagrut Upadhyay 05/01/2023



#27

2,4-Dimethylphenol

Concen: 10.727 ng m

RT: 7.699 min Scan# 954

Delta R.T. 0.012 min

Lab File: BF133120.D

Acq: 28 Apr 2023 13:24

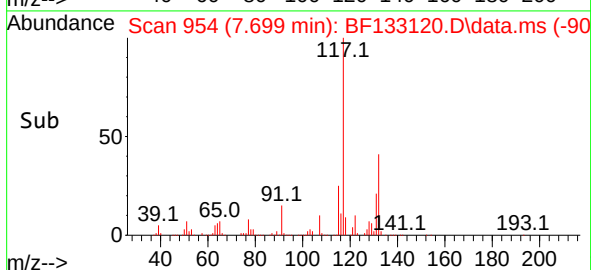
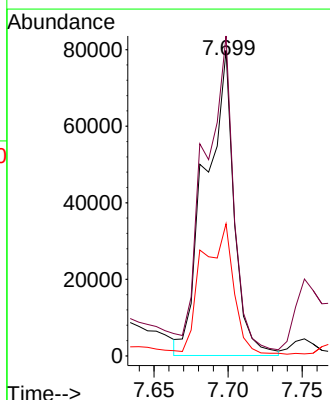
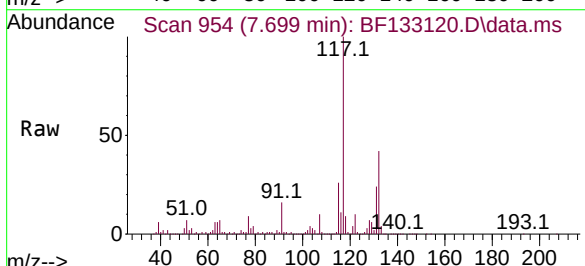
Tgt Ion:122 Resp: 107295

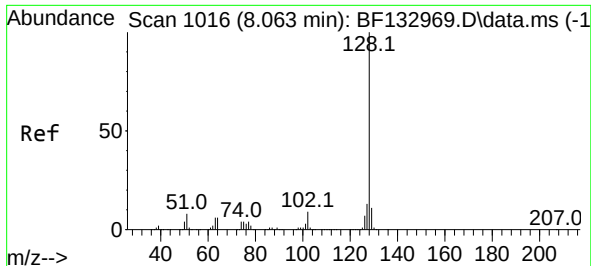
Ion Ratio Lower Upper

122 100

107 104.7 89.7 134.5

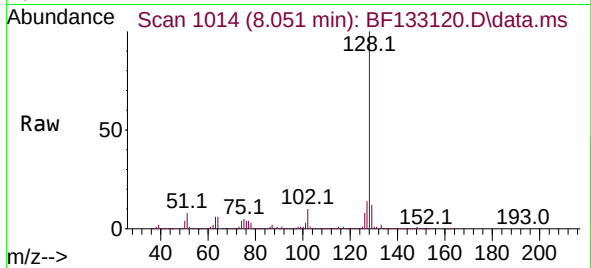
121 43.2 46.0 69.0#





#31
Naphthalene
Concen: 120.834 ng
RT: 8.051 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

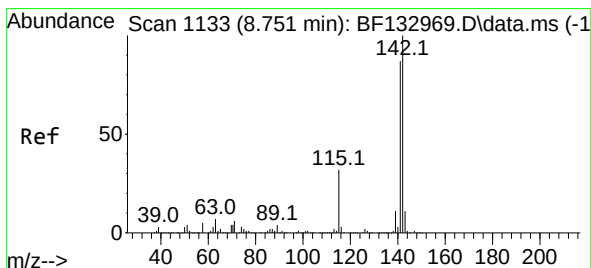
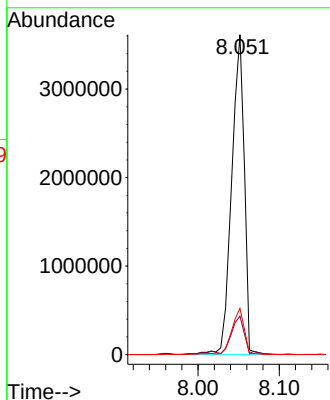
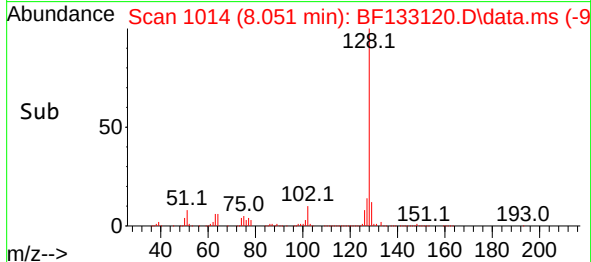
Instrument :
BNA_F
ClientSampleId :
MW-2



Tgt Ion:128 Resp: 3891655
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 10.7 16.1

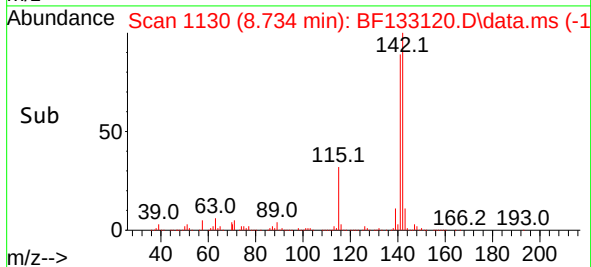
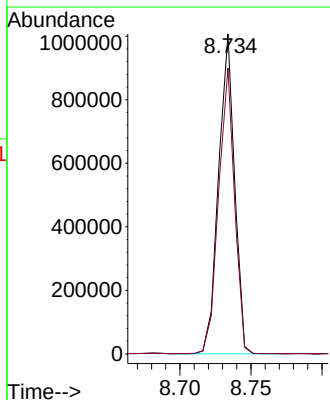
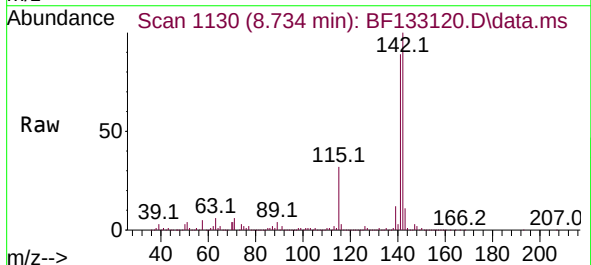
Manual Integrations
APPROVED

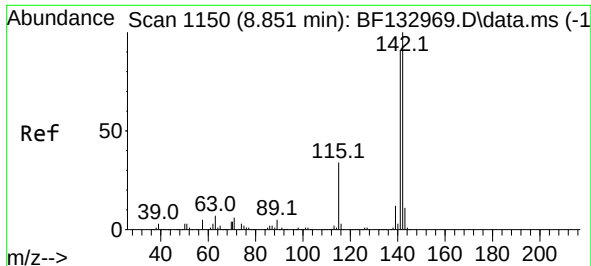
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#37
2-Methylnaphthalene
Concen: 35.993 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

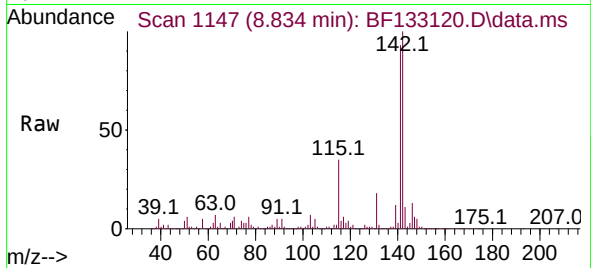
Tgt Ion:142 Resp: 792529
Ion Ratio Lower Upper
142 100
141 89.4 69.4 104.0





#38
1-Methylnaphthalene
Concen: 21.970 ng
RT: 8.834 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

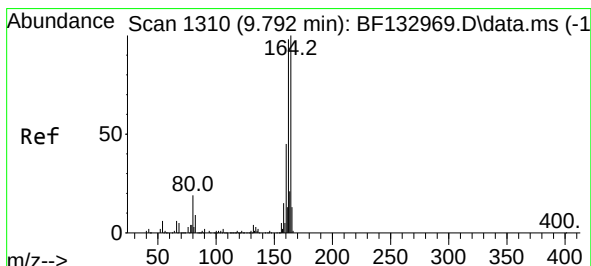
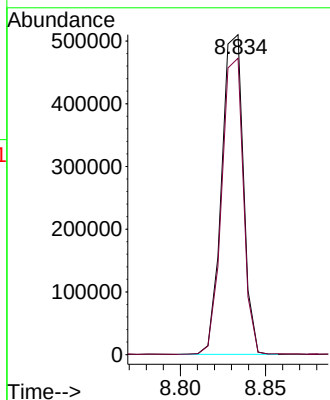
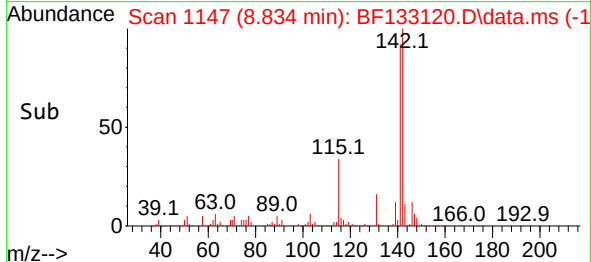
Instrument :
BNA_F
ClientSampleId :
MW-2



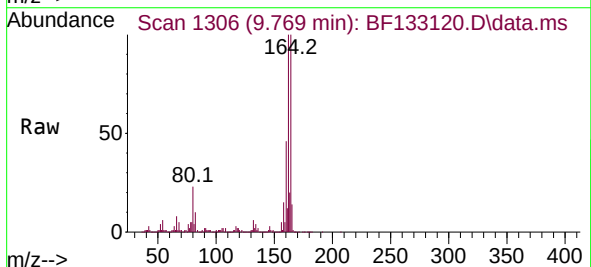
Tgt Ion:142 Resp: 452542
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7

Manual Integrations
APPROVED

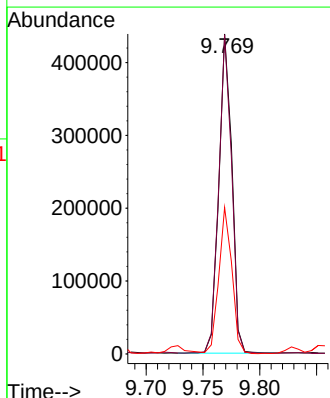
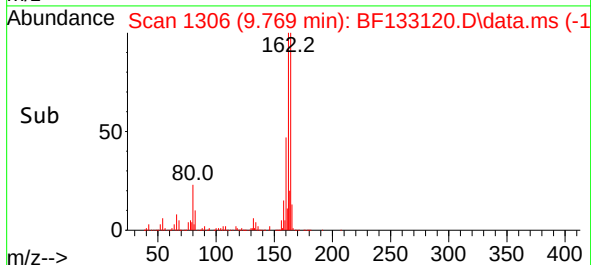
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

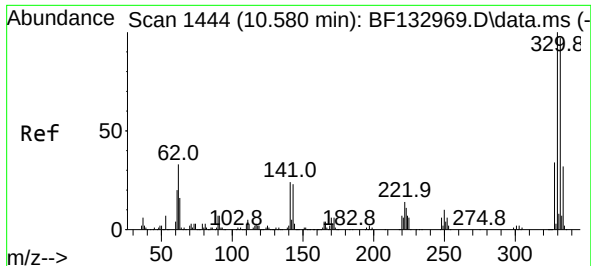


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.005 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24



Tgt Ion:164 Resp: 348688
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 45.8 35.8 53.6





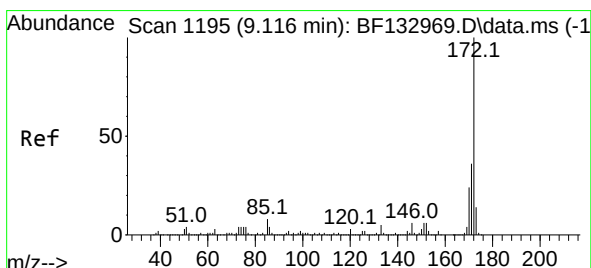
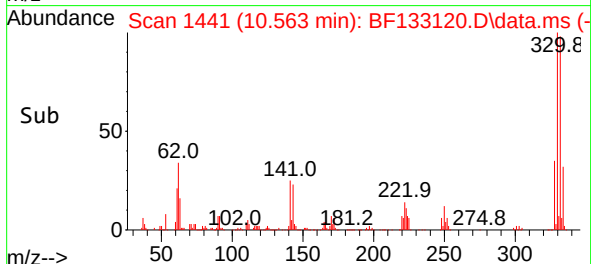
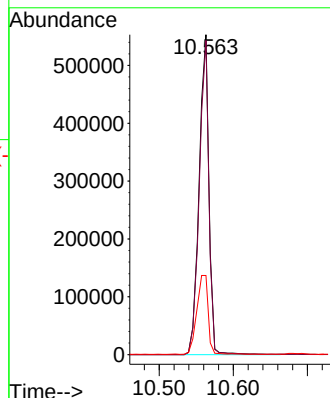
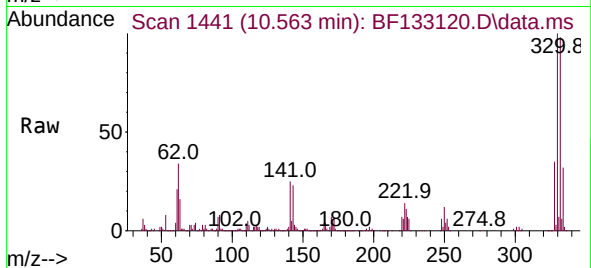
#42
2,4,6-Tribromophenol
Concen: 145.425 ng
RT: 10.563 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 509964
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 28.6 25.8 38.8

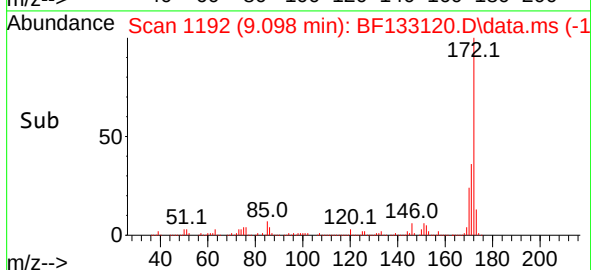
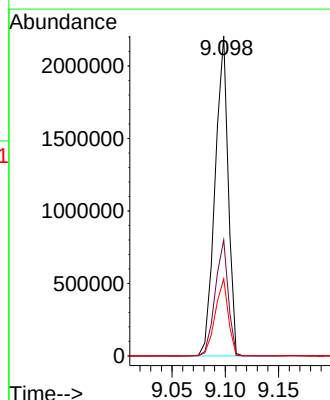
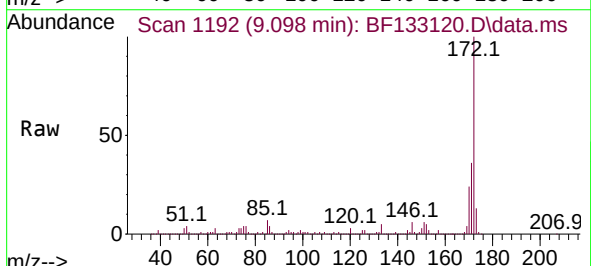
Manual Integrations
APPROVED

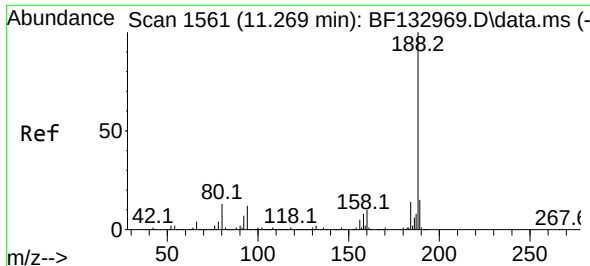
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#45
2-Fluorobiphenyl
Concen: 90.856 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

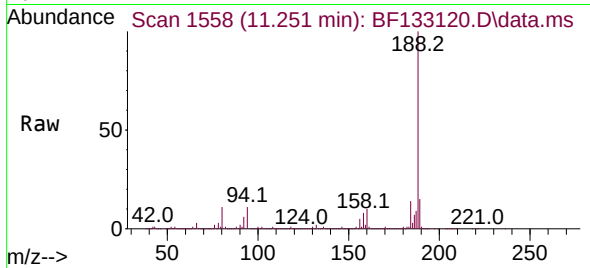
Tgt Ion:172 Resp: 1893638
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.1 19.4 29.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

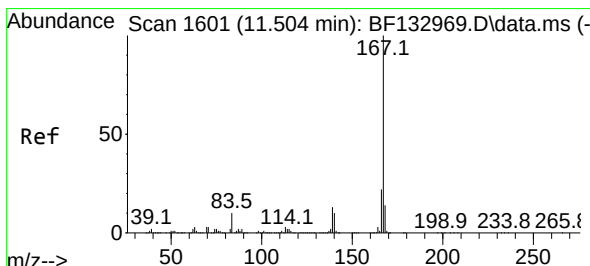
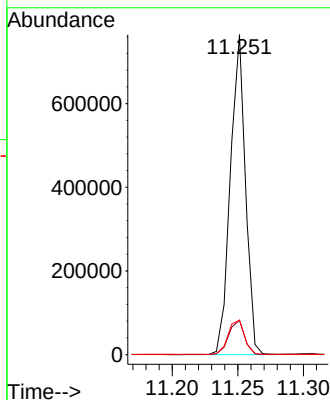
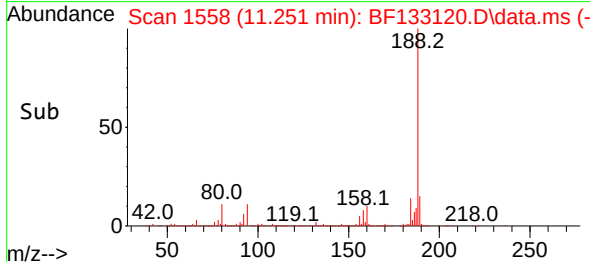
Instrument :
BNA_F
ClientSampleId :
MW-2



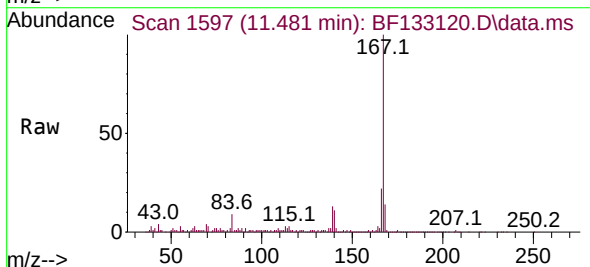
Tgt Ion:188 Resp: 616572
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 10.8 10.4 15.6

Manual Integrations
APPROVED

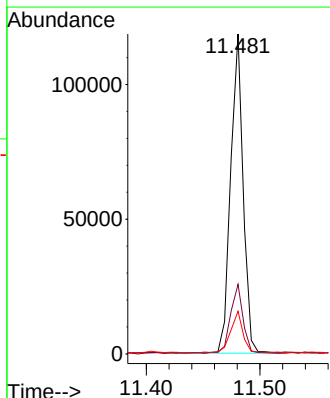
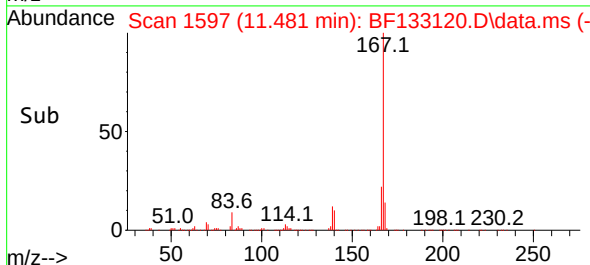
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

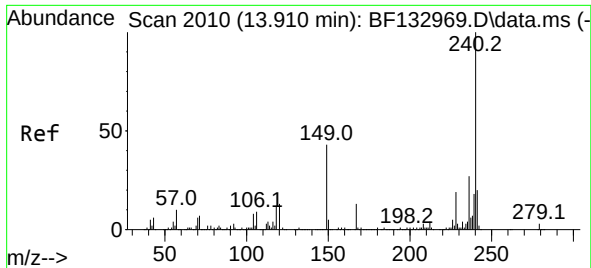


#73
Carbazole
Concen: 3.005 ng
RT: 11.481 min Scan# 1597
Delta R.T. -0.005 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24



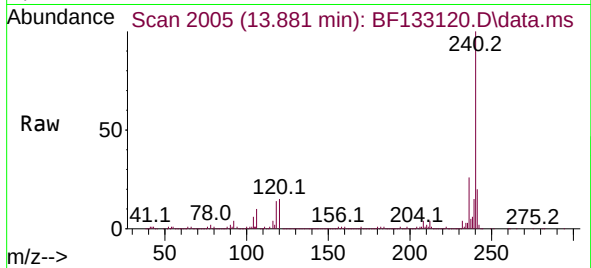
Tgt Ion:167 Resp: 90746
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 13.3 10.6 16.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.881 min Scan# 2010
Delta R.T. -0.011 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24

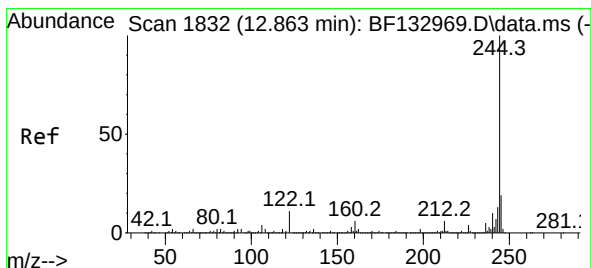
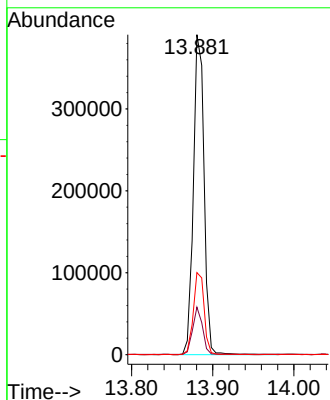
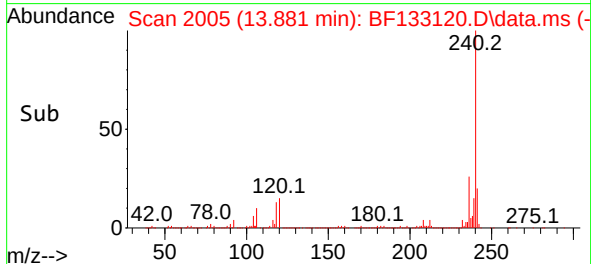
Instrument :
BNA_F
ClientSampleId :
MW-2



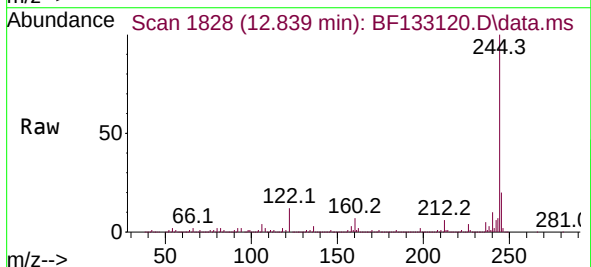
Tgt Ion:240 Resp: 355746
Ion Ratio Lower Upper
240 100
120 14.8 10.5 15.7
236 25.6 21.5 32.3

Manual Integrations
APPROVED

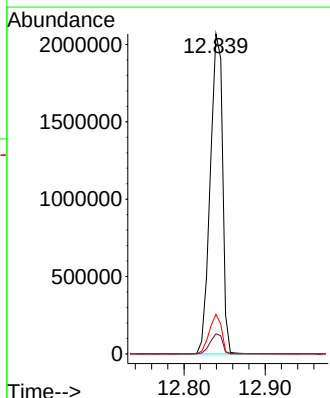
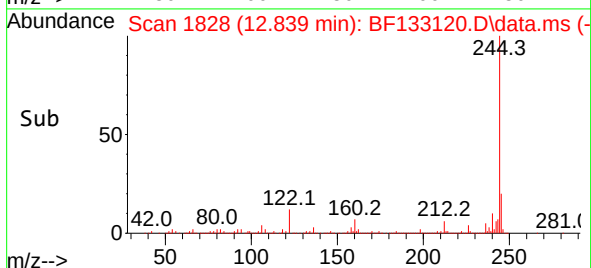
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

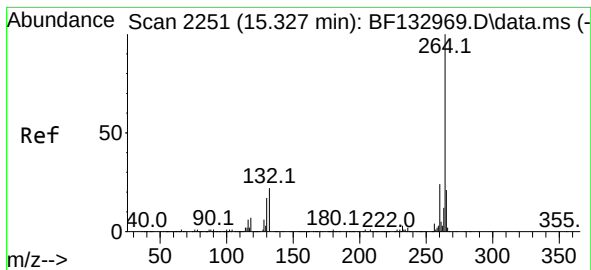


#79
Terphenyl-d14
Concen: 105.817 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BF133120.D
Acq: 28 Apr 2023 13:24



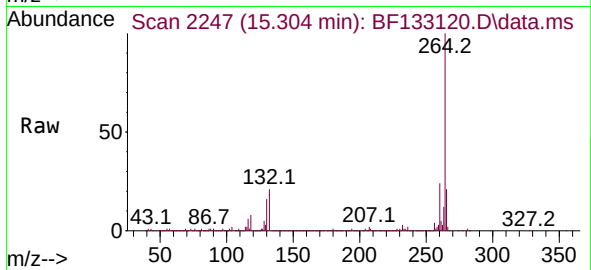
Tgt Ion:244 Resp: 2182689
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 12.3 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BF133120.D
 Acq: 28 Apr 2023 13:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-2



Tgt Ion:264 Resp: 33105
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.7 17.0 25.4

Manual Integrations
 APPROVED

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

