

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131418.D
 Acq On : 26 Nov 2022 03:12
 Operator : CG\JU
 Sample : N5741-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-39

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/28/2022
 Supervised By :Jagrut Upadhyay 11/29/2022

Quant Time: Nov 26 03:43:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	90318	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	313973	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	176147	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	290596	20.000	ng	0.00
76) Chrysene-d12	14.162	240	182426	20.000	ng	-0.01
86) Perylene-d12	15.703	264	198159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	201810	42.526	ng	0.02
7) Phenol-d6	6.575	99	257940	42.601	ng	0.00
23) Nitrobenzene-d5	7.528	82	521768	83.770	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	238654	161.042	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	960860	79.359	ng	0.00
79) Terphenyl-d14	13.104	244	800319	71.741	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.592	94	148514	22.123	ng	97
15) Benzyl Alcohol	7.092	79	13702	2.760	ng	99
27) 2,4-Dimethylphenol	7.910	122	304665m	70.722	ng	
31) Naphthalene	8.275	128	1676189	100.182	ng	100
37) 2-Methylnaphthalene	8.963	142	325832	28.742	ng	100
38) 1-Methylnaphthalene	9.063	142	441128	40.128	ng	99
58) Fluorene	10.563	166	33714	2.917	ng	93

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

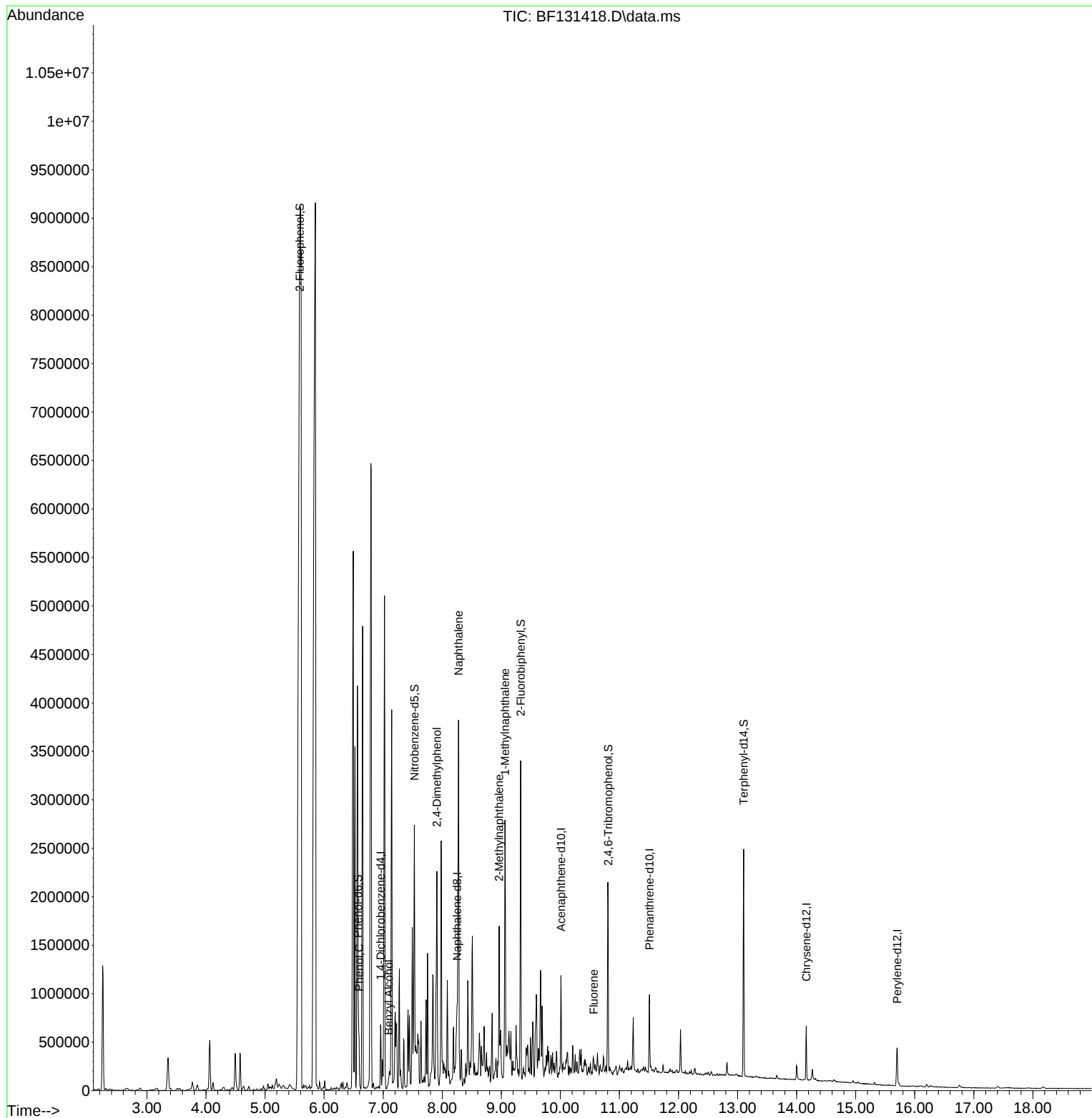
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
Data File : BF131418.D
Acq On : 26 Nov 2022 03:12
Operator : CG\JU
Sample : N5741-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

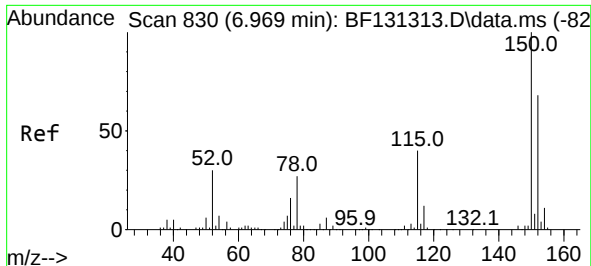
Instrument :
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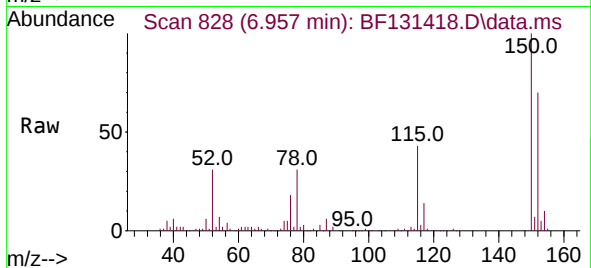
Quant Time: Nov 26 03:43:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

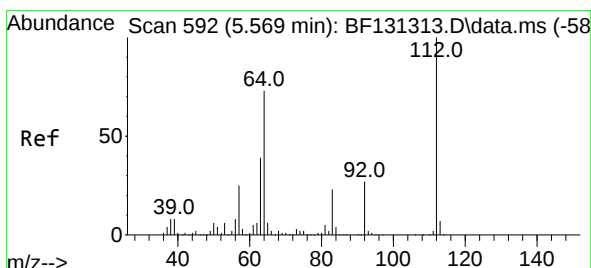
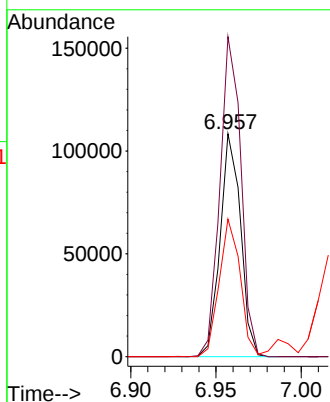
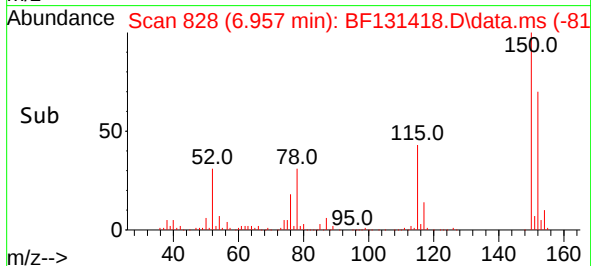
Instrument :
BNA_F
ClientSampleId :
MW-39



Tgt Ion:152 Resp: 90318
Ion Ratio Lower Upper
152 100
150 143.7 117.8 176.8
115 61.7 47.1 70.7

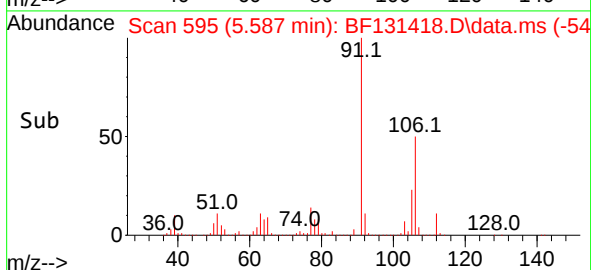
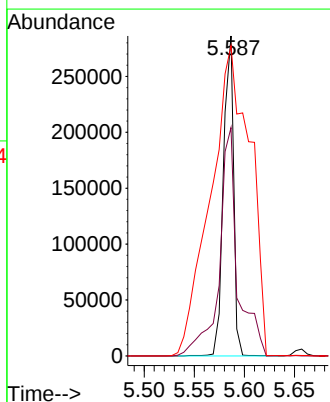
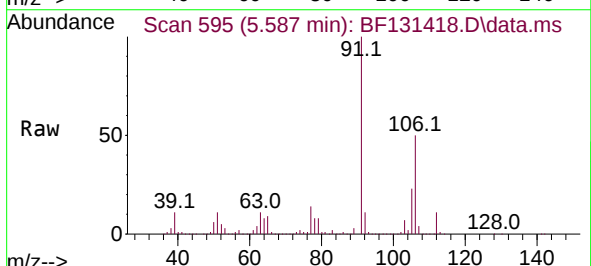
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#5
2-Fluorophenol
Concen: 42.526 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.024 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

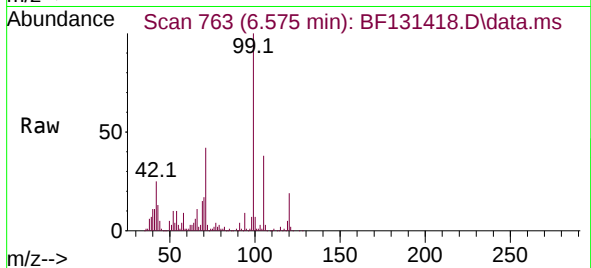
Tgt Ion:112 Resp: 201810
Ion Ratio Lower Upper
112 100
64 71.3 58.6 88.0
63 96.9 31.4 47.0#





#7
Phenol-d6
Concen: 42.601 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

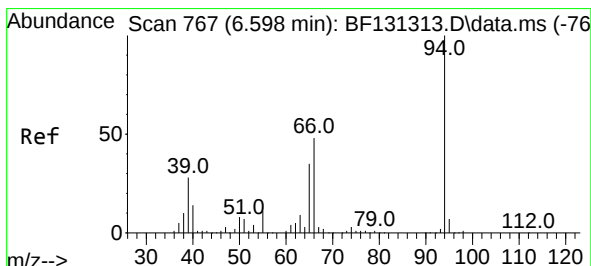
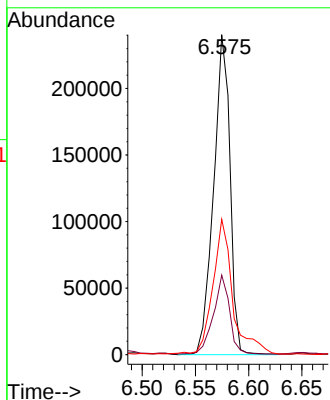
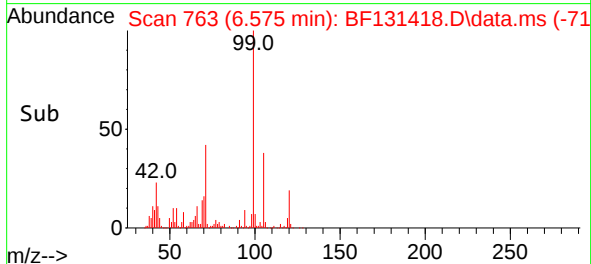
Instrument :
BNA_F
Client Sample Id :
MW-39



Tgt Ion: 99 Resp: 257940
Ion Ratio Lower Upper
99 100
42 24.8 19.4 29.2
71 42.3 32.3 48.5

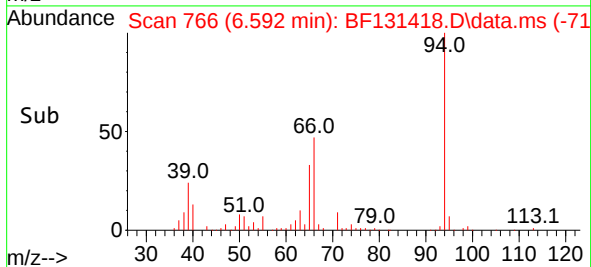
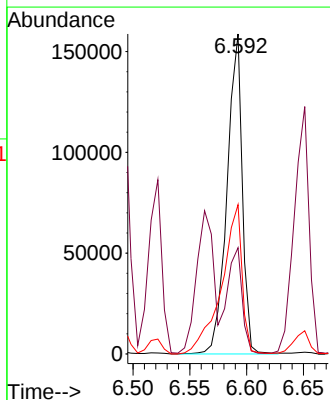
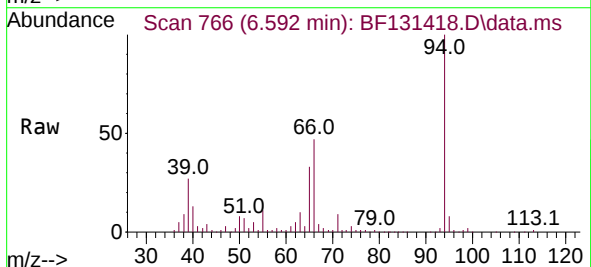
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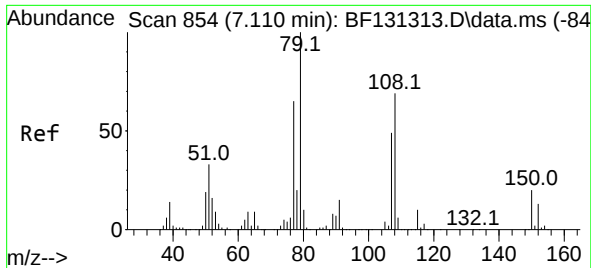
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#10
Phenol
Concen: 22.123 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

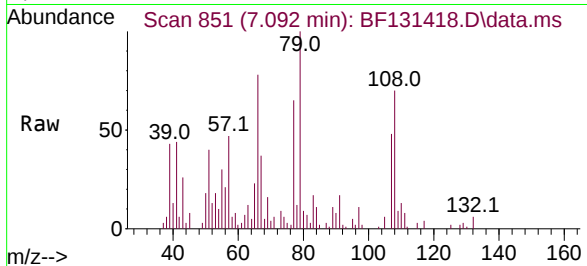
Tgt Ion: 94 Resp: 148514
Ion Ratio Lower Upper
94 100
65 33.2 15.0 55.0
66 46.6 28.6 68.6





#15
Benzyl Alcohol
Concen: 2.760 ng
RT: 7.092 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

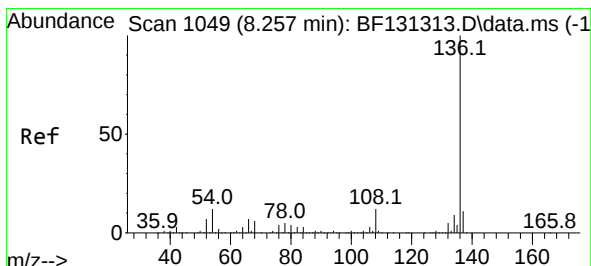
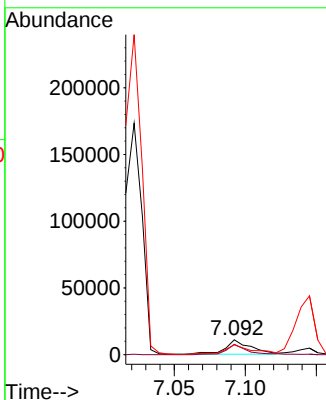
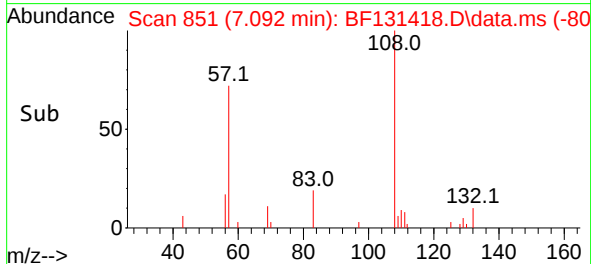
Instrument :
BNA_F
ClientSampleId :
MW-39



Tgt Ion: 79 Resp: 13702
Ion Ratio Lower Upper
79 100
108 69.8 55.1 82.7
77 65.3 51.8 77.8

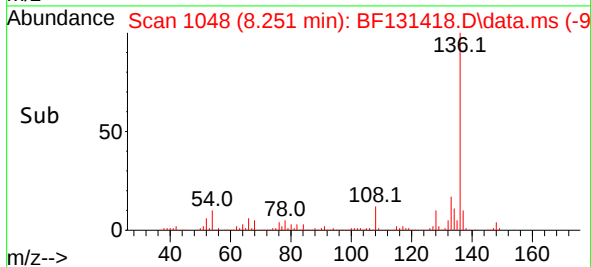
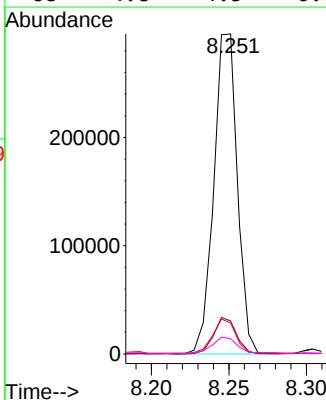
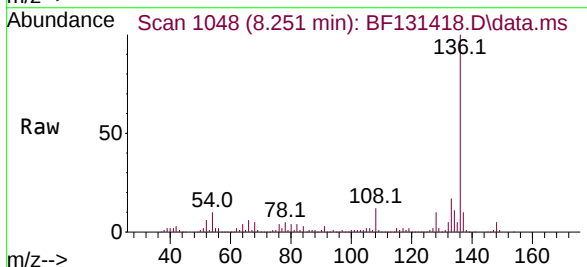
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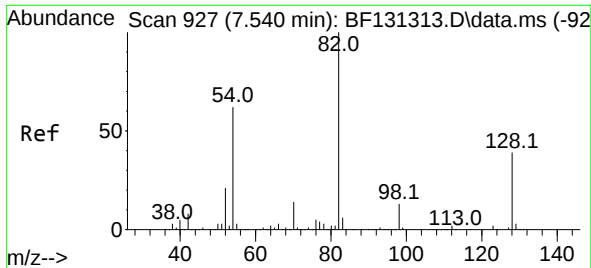
Reviewed By :Christian Giraldo 11/28/2022
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

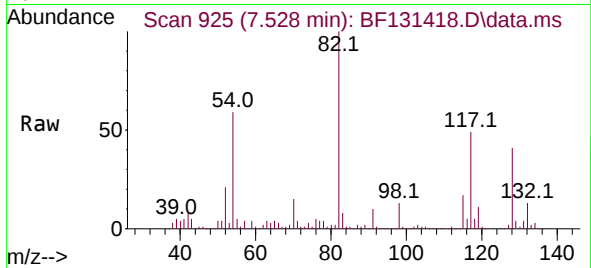
Tgt Ion:136 Resp: 313973
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 9.7 9.4 14.0
68 4.8 4.5 6.7





#23
Nitrobenzene-d5
Concen: 83.770 ng
RT: 7.528 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

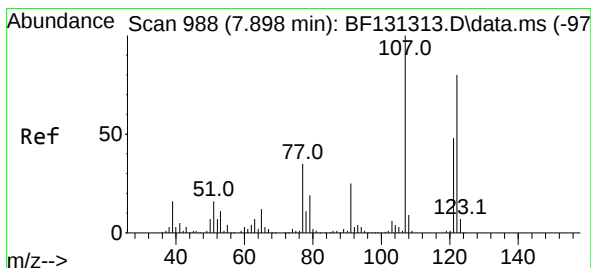
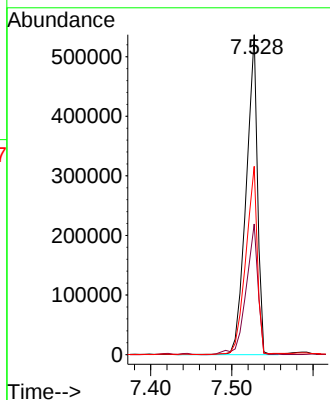
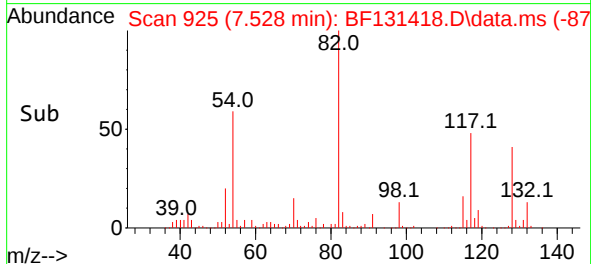
Instrument :
BNA_F
ClientSampleId :
MW-39



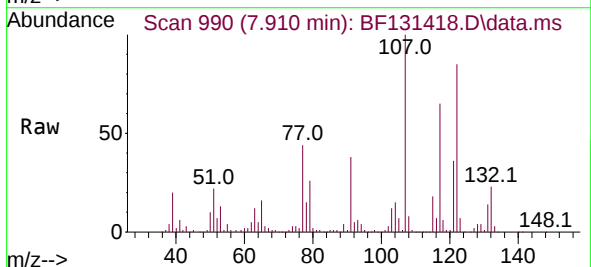
Tgt Ion: 82 Resp: 521768
Ion Ratio Lower Upper
82 100
128 40.8 31.4 47.0
54 58.8 49.8 74.6

Manual Integrations
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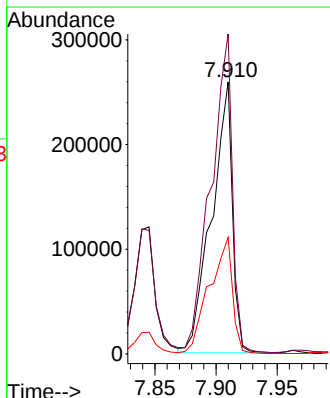
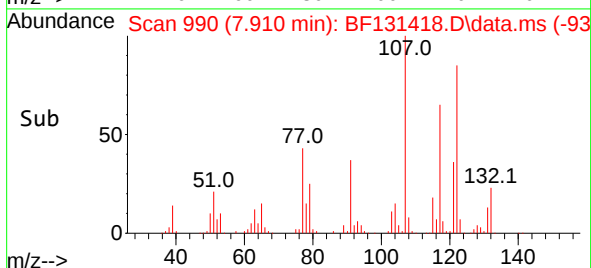
Reviewed By :Christian Giraldo 11/28/2022
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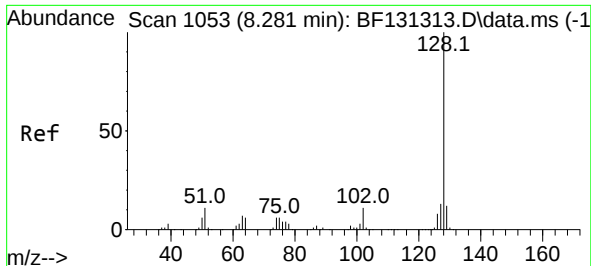


#27
2,4-Dimethylphenol
Concen: 70.722 ng m
RT: 7.910 min Scan# 990
Delta R.T. 0.018 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12



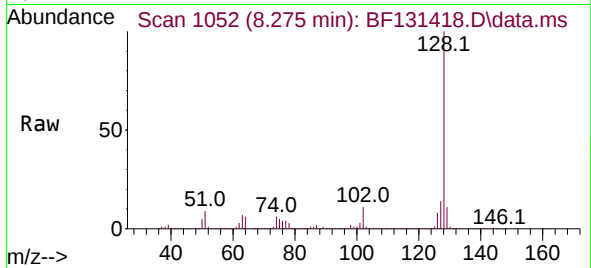
Tgt Ion:122 Resp: 304665
Ion Ratio Lower Upper
122 100
107 117.6 99.9 149.9
121 42.8 47.4 71.2#





#31
Naphthalene
Concen: 100.182 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

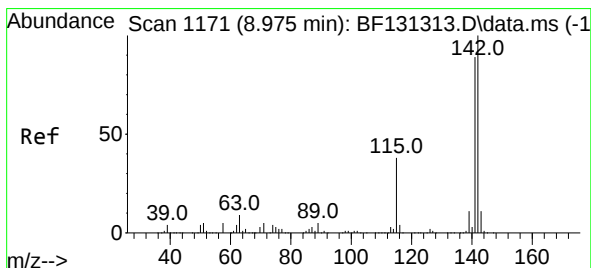
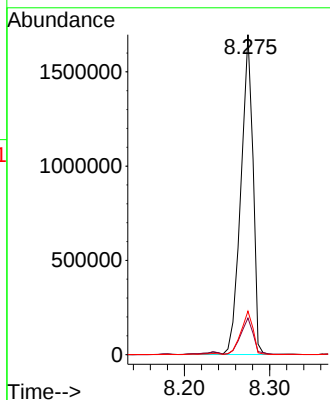
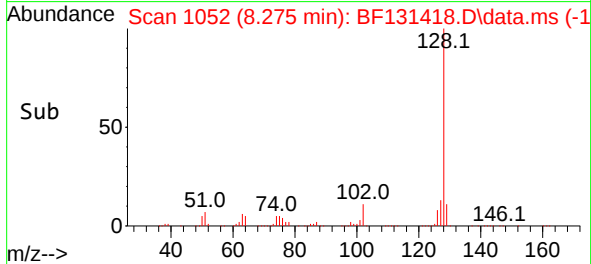
Instrument :
BNA_F
ClientSampleId :
MW-39



Tgt Ion:128 Resp: 1676189
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 10.6 16.0

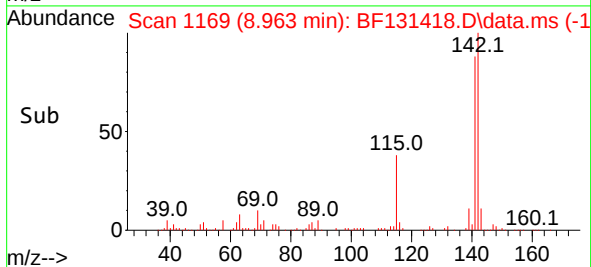
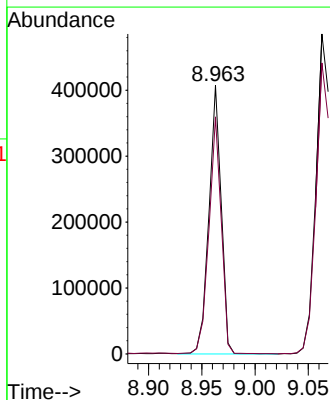
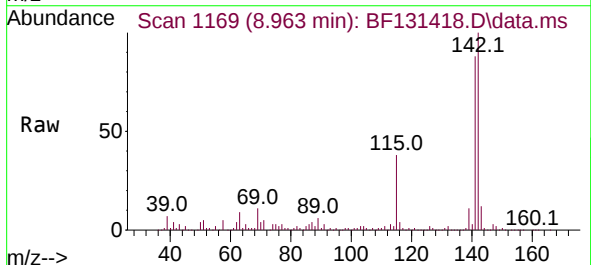
Manual Integrations
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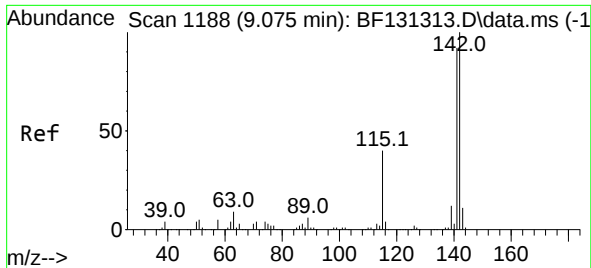
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#37
2-Methylnaphthalene
Concen: 28.742 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

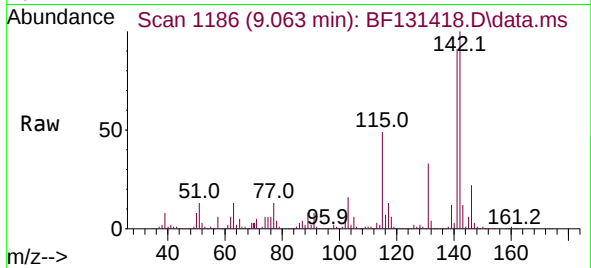
Tgt Ion:142 Resp: 325832
Ion Ratio Lower Upper
142 100
141 88.3 71.0 106.4





#38
1-Methylnaphthalene
Concen: 40.128 ng
RT: 9.063 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

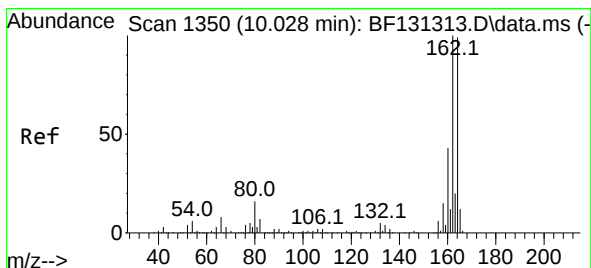
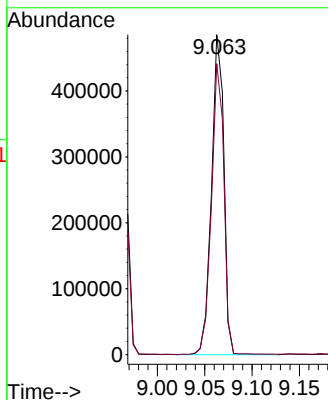
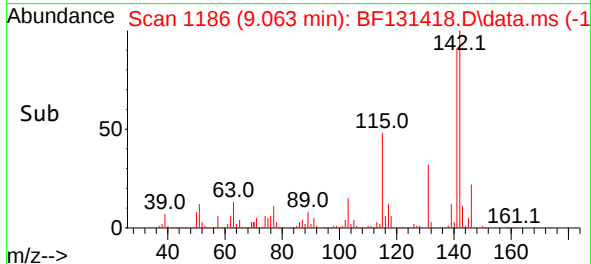
Instrument :
BNA_F
ClientSampleId :
MW-39



Tgt Ion:142 Resp: 441128
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0

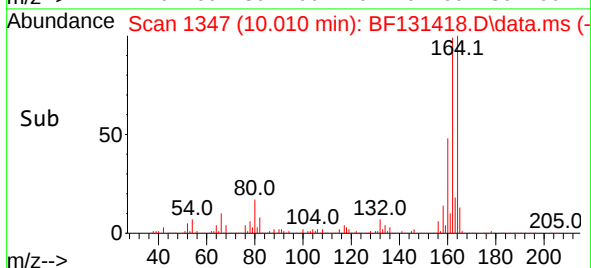
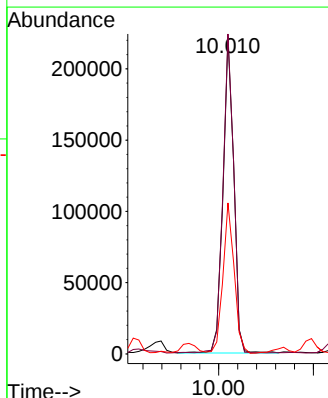
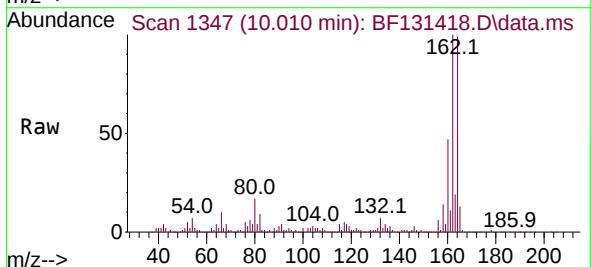
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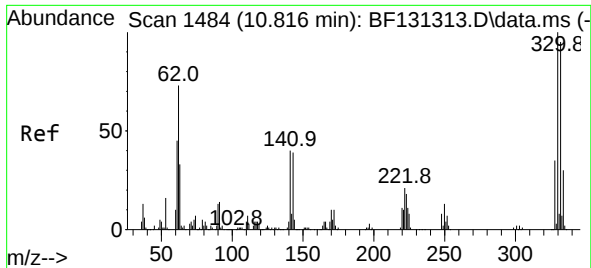
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

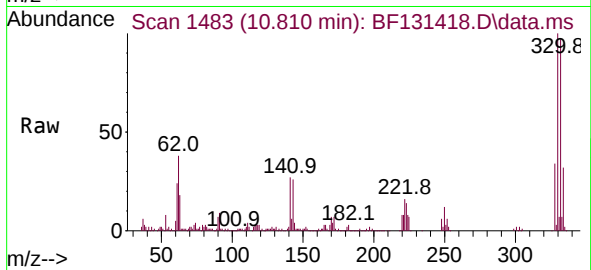
Tgt Ion:164 Resp: 176147
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 47.7 34.4 51.6





#42
2,4,6-Tribromophenol
Concen: 161.042 ng
RT: 10.810 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

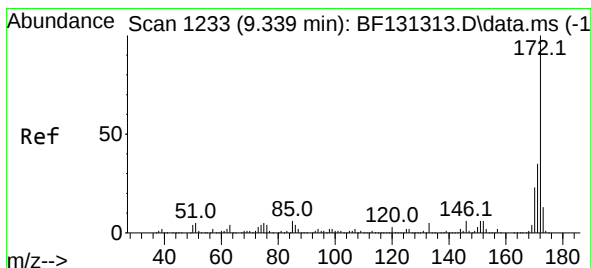
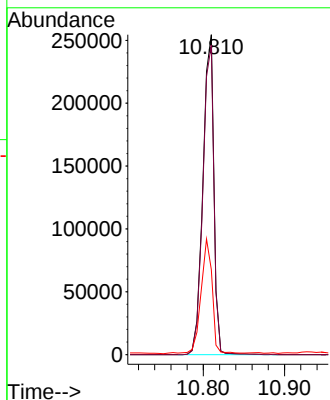
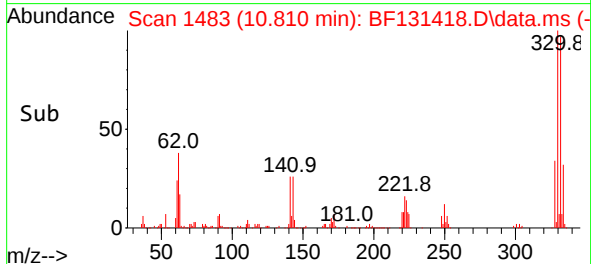
Instrument :
BNA_F
Client SampleId :
MW-39



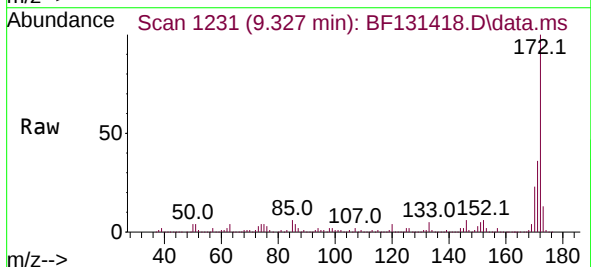
Tgt Ion: 330 Resp: 238654
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 35.4 29.3 43.9

Manual Integrations
APPROVED

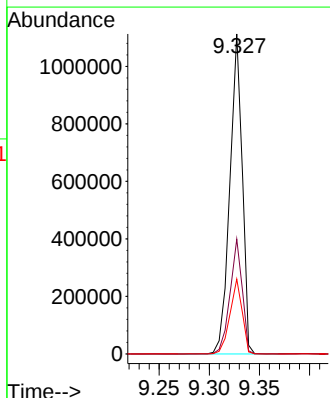
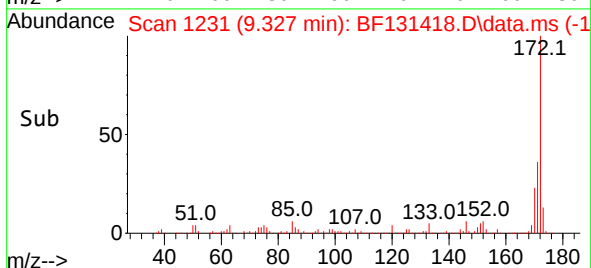
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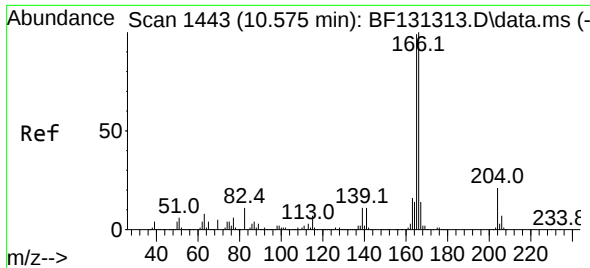


#45
2-Fluorobiphenyl
Concen: 79.359 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12



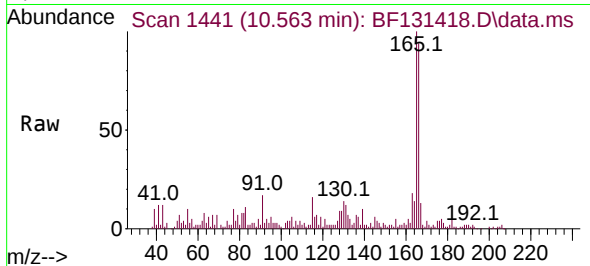
Tgt Ion: 172 Resp: 960860
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.4 18.7 28.1





#58
Fluorene
Concen: 2.917 ng
RT: 10.563 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

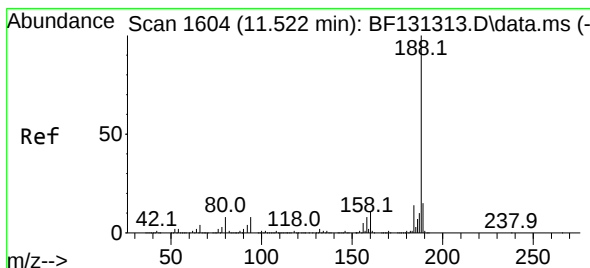
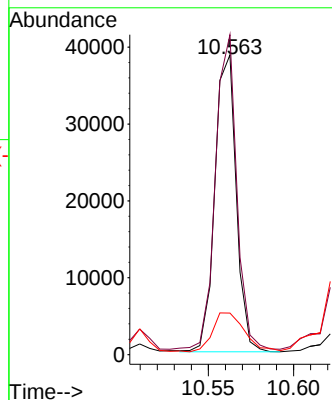
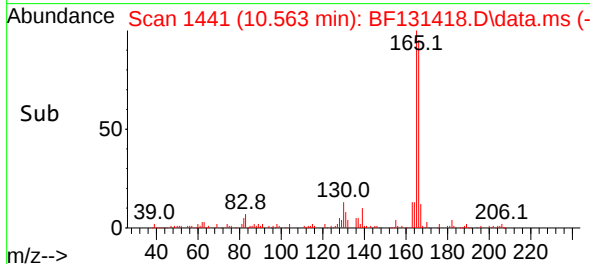
Instrument :
BNA_F
ClientSampleId :
MW-39



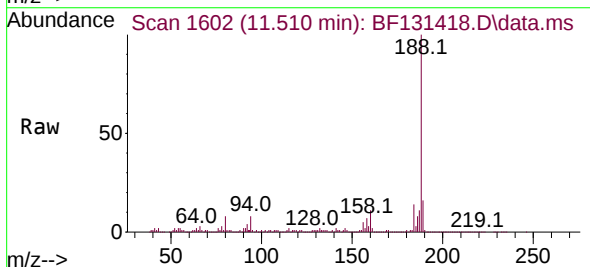
Tgt Ion:166 Resp: 33714
Ion Ratio Lower Upper
166 100
165 106.7 79.0 118.4
167 13.8 10.9 16.3

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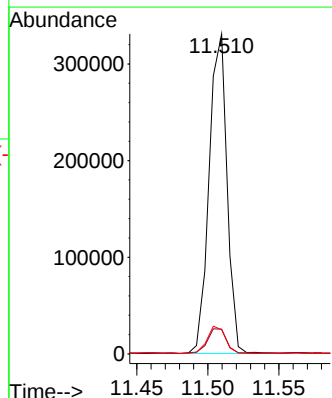
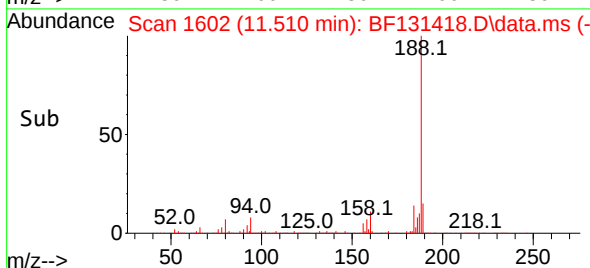
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

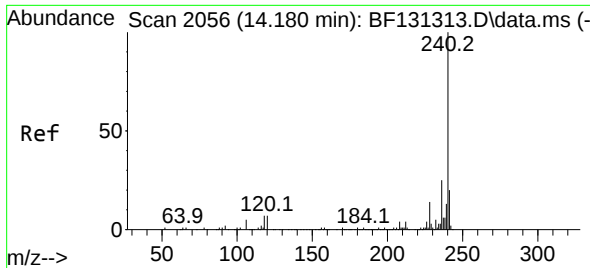


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12



Tgt Ion:188 Resp: 290596
Ion Ratio Lower Upper
188 100
94 7.8 6.3 9.5
80 7.6 6.8 10.2





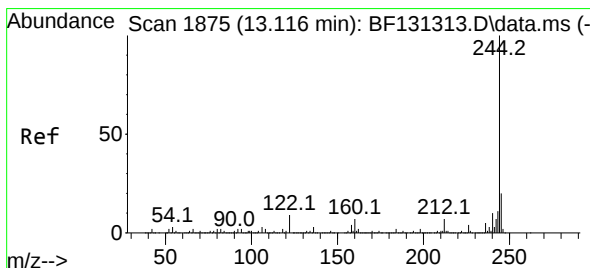
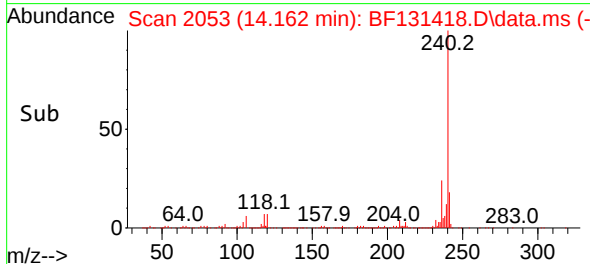
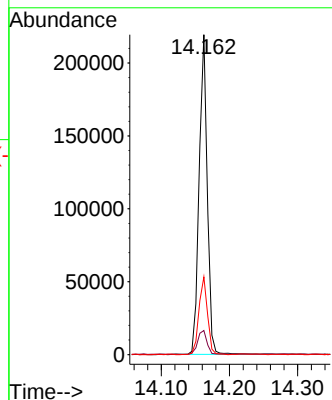
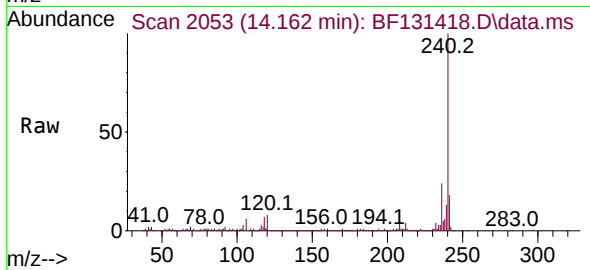
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :
MW-39

Tgt Ion:240 Resp: 182426
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 24.3 20.3 30.5

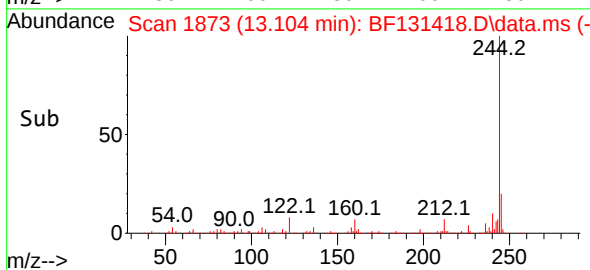
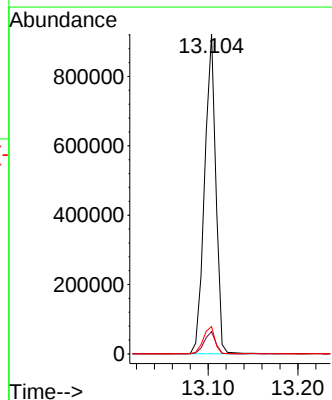
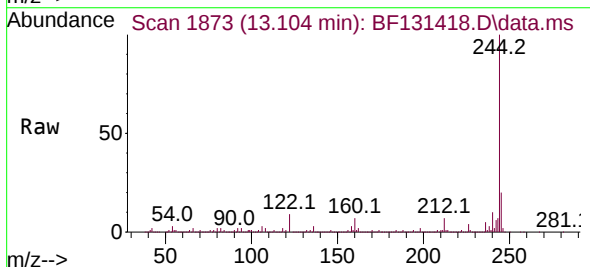
Manual Integrations
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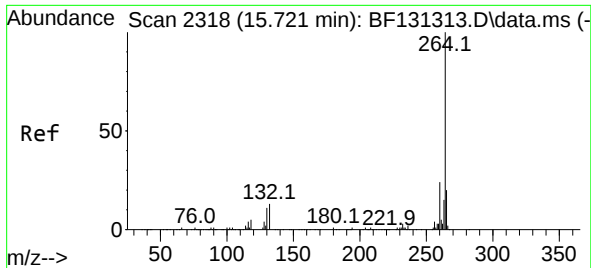
Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#79
Terphenyl-d14
Concen: 71.741 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

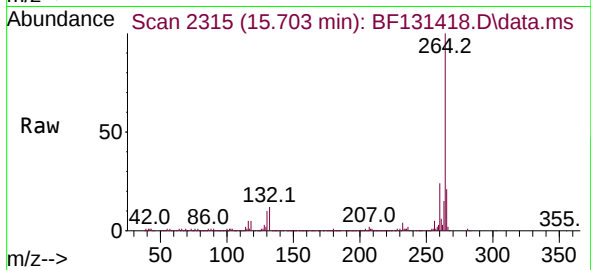
Tgt Ion:244 Resp: 800319
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.5 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.703 min Scan# 2315
Delta R.T. -0.006 min
Lab File: BF131418.D
Acq: 26 Nov 2022 03:12

Instrument :
BNA_F
ClientSampleId :
MW-39



Tgt Ion:264 Resp: 198159
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 20.6 16.4 24.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/28/2022
Supervised By :Jagrut Upadhyay 11/29/2022

