

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035421.D
 Acq On : 07 Jun 2022 20:56
 Operator : CG/JU
 Sample : N3202-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-27

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 08 04:09:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	103335	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	387774	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	253826	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	521580	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	564832	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	625591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	278164	56.565	ng	0.01
7) Phenol-d6	7.034	99	200560	29.857	ng	0.00
23) Nitrobenzene-d5	9.004	82	486129	79.601	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	485485	119.209	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1412370	79.919	ng	0.00
79) Terphenyl-d14	19.856	244	2252954	79.466	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.304	107	50847	10.386	ng	95
20) 3+4-Methylphenols	8.634	107	114633	16.729	ng	90
27) 2,4-Dimethylphenol	9.863	122	382872m	79.759	ng	
31) Naphthalene	10.692	128	2859226	152.177	ng	99
37) 2-Methylnaphthalene	12.304	142	513618	36.227	ng	96
38) 1-Methylnaphthalene	12.522	142	254908	18.347	ng	# 97
73) Carbazole	17.639	167	79983	3.229	ng	96

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

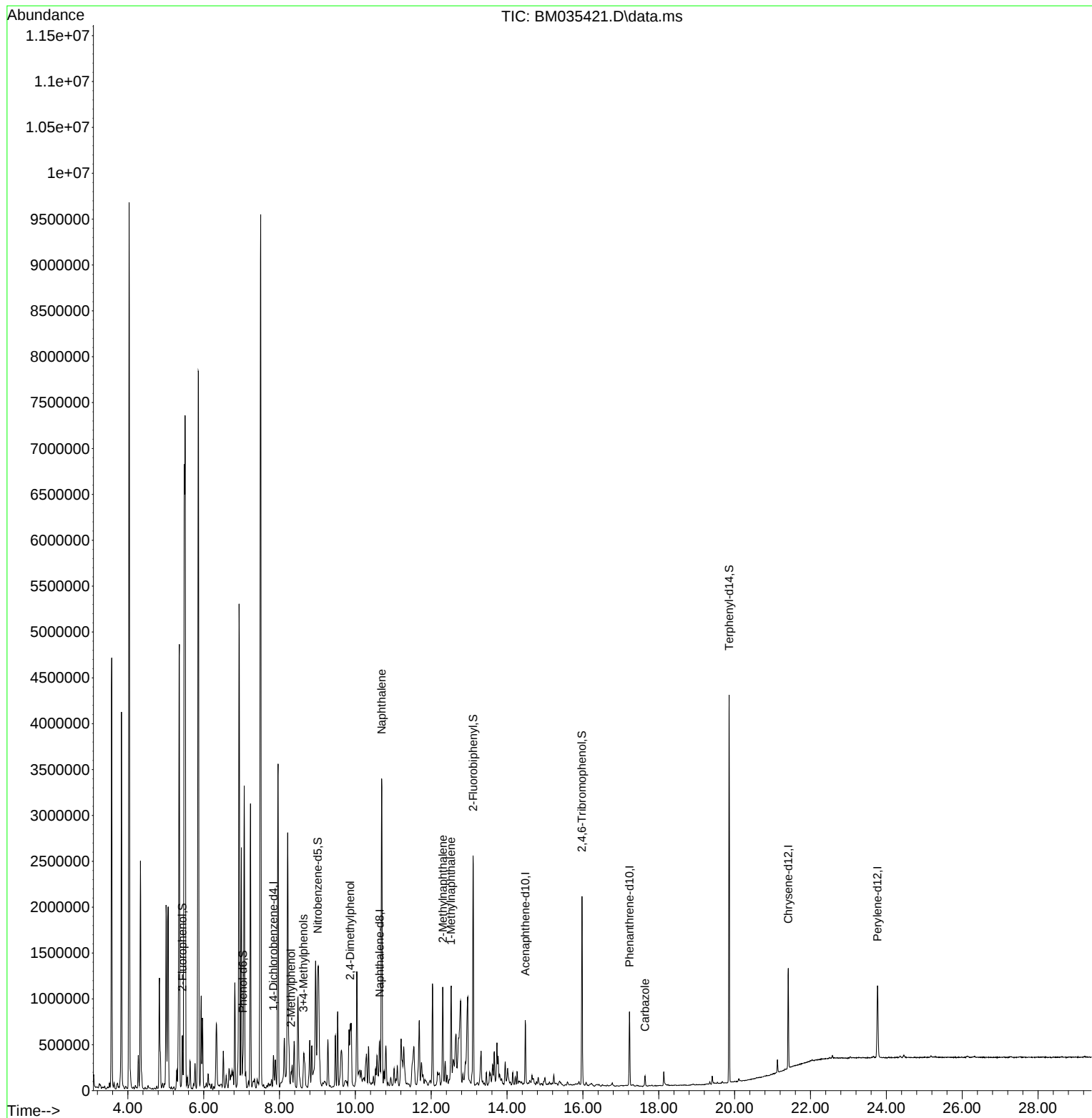
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035421.D
Acq On : 07 Jun 2022 20:56
Operator : CG/JU
Sample : N3202-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

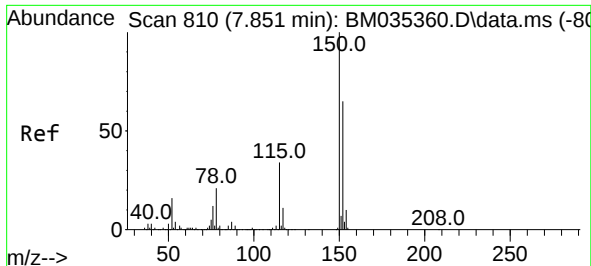
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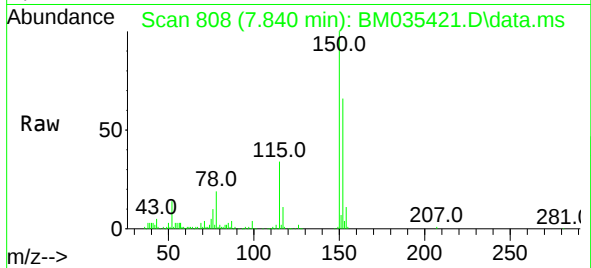
Quant Time: Jun 08 04:09:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

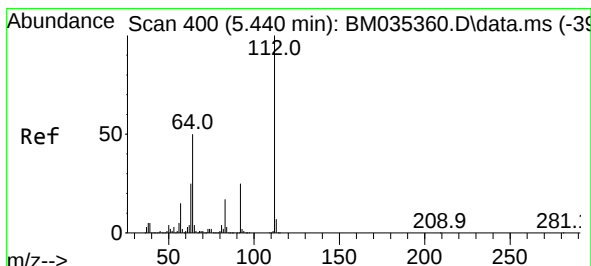
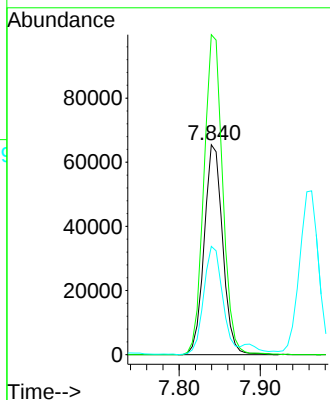
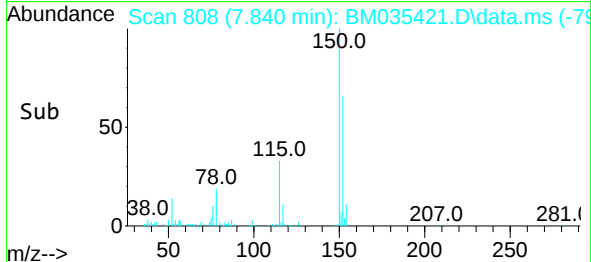
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion:152 Resp: 10333
Ion Ratio Lower Upper
152 100
150 152.4 124.9 187.3
115 51.6 47.9 71.9

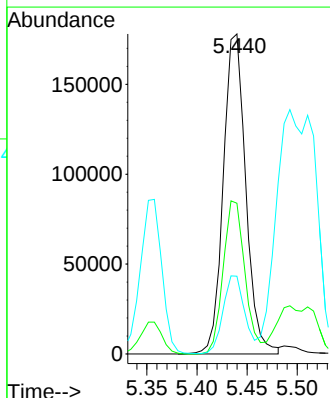
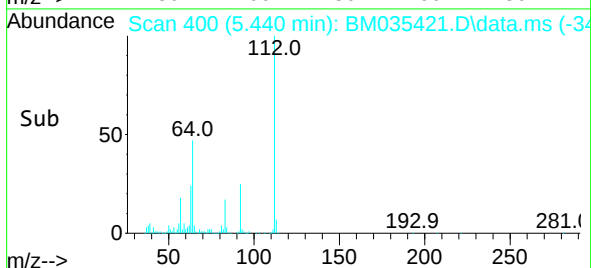
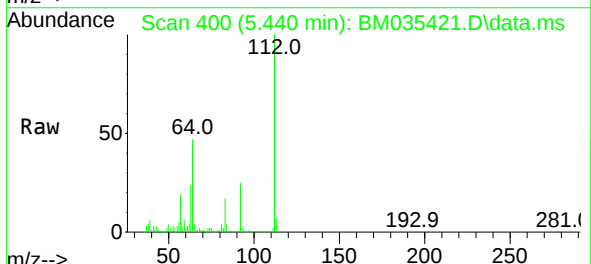
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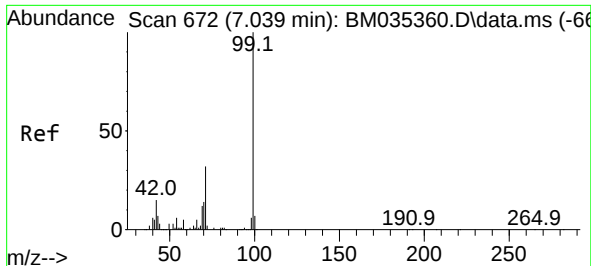
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#5
2-Fluorophenol
Concen: 56.565 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.012 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

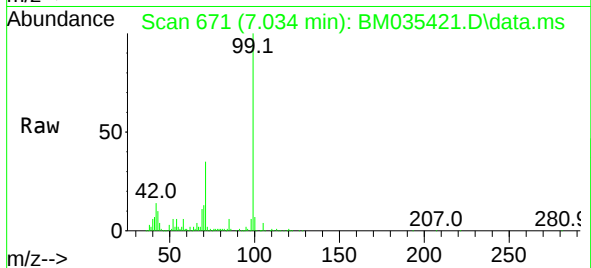
Tgt Ion:112 Resp: 278164
Ion Ratio Lower Upper
112 100
64 47.1 47.8 71.6#
63 24.3 26.6 40.0#





#7
Phenol-d6
Concen: 29.857 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

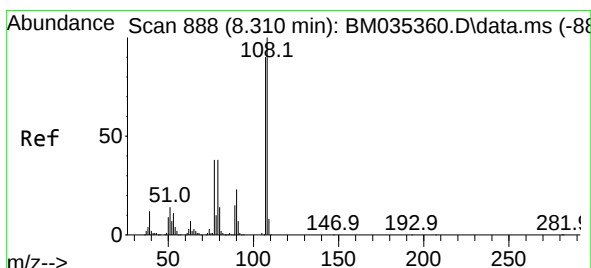
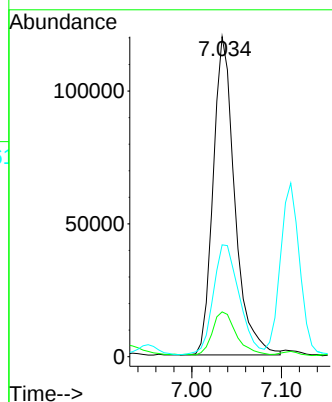
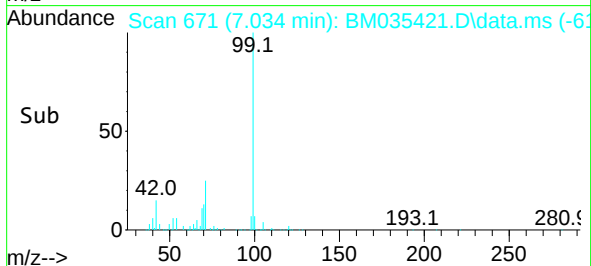
Instrument :
BNA_M
ClientSampleId :
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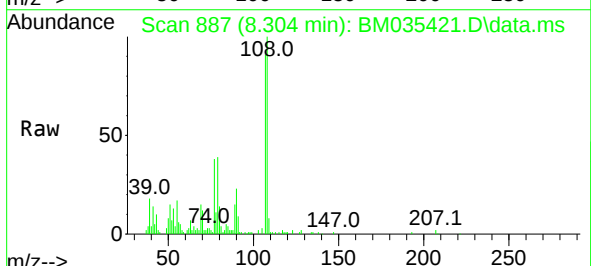
Tgt Ion: 99 Resp: 200560
Ion Ratio Lower Upper
99 100
42 14.0 18.8 28.2
71 35.0 30.2 45.2

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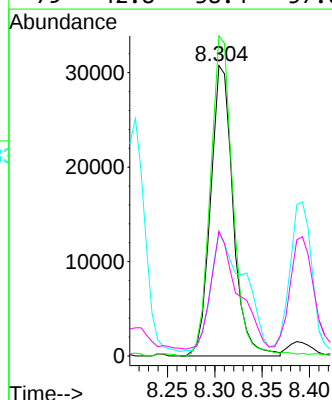
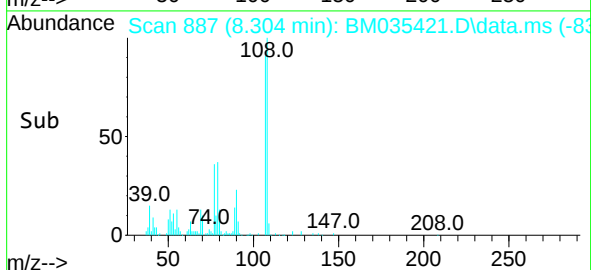
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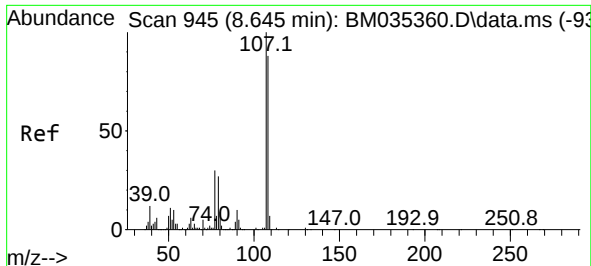


#17
2-Methylphenol
Concen: 10.386 ng
RT: 8.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56



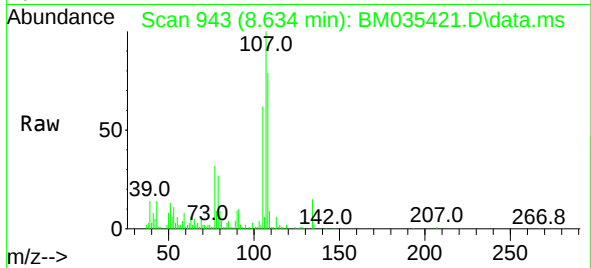
Tgt Ion:107 Resp: 50847
Ion Ratio Lower Upper
107 100
108 110.2 88.7 133.1
77 42.3 40.6 60.8
79 42.8 38.4 57.6





#20
3+4-Methylphenols
Concen: 16.729 ng
RT: 8.634 min Scan# 945
Delta R.T. 0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

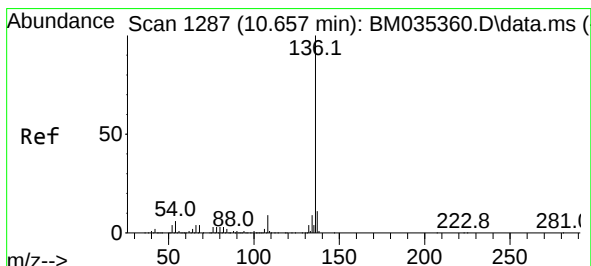
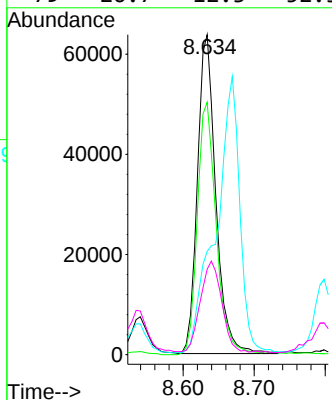
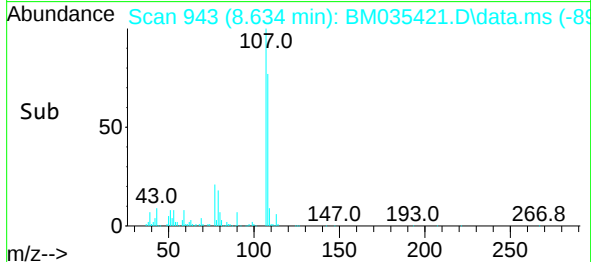
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion:107	Resp: 11463
Ion Ratio	Lower Upper
107	100
108	78.9 69.3 109.3
77	32.3 15.8 55.8
79	26.7 12.3 52.3

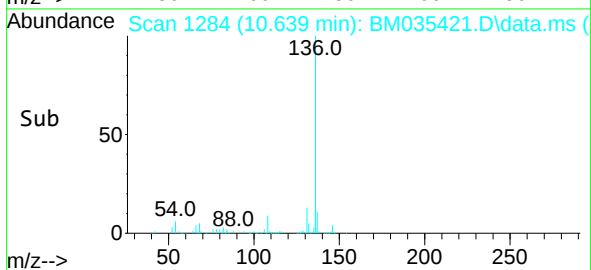
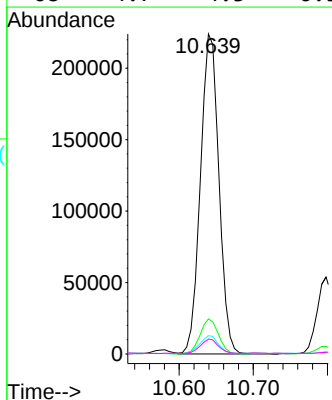
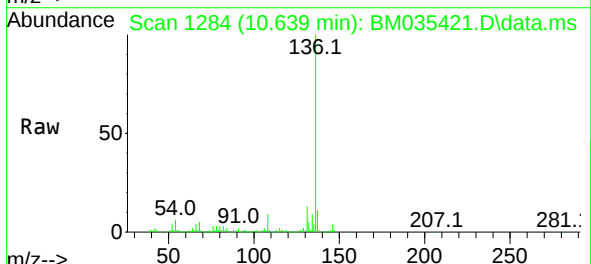
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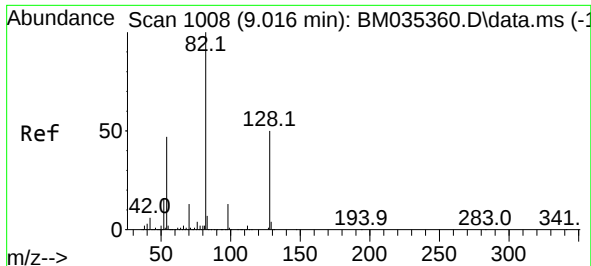
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

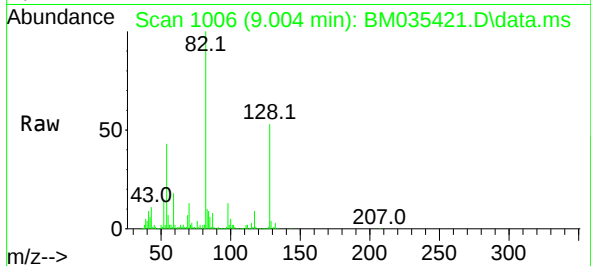
Tgt Ion:136	Resp: 387774
Ion Ratio	Lower Upper
136	100
137	11.0 8.9 13.3
54	5.7 7.0 10.4#
68	4.7 4.3 6.5





#23
Nitrobenzene-d5
Concen: 79.601 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

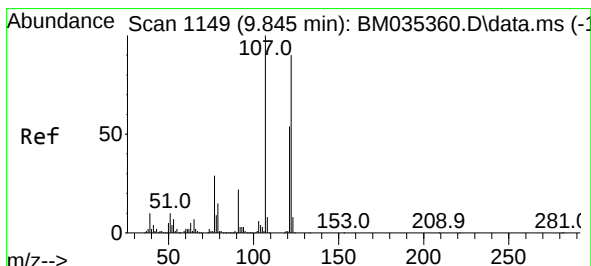
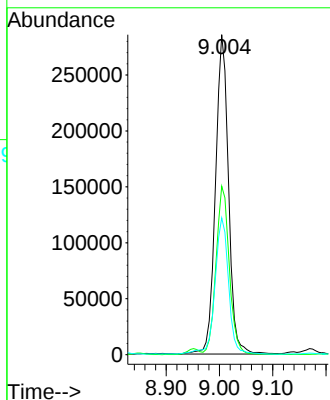
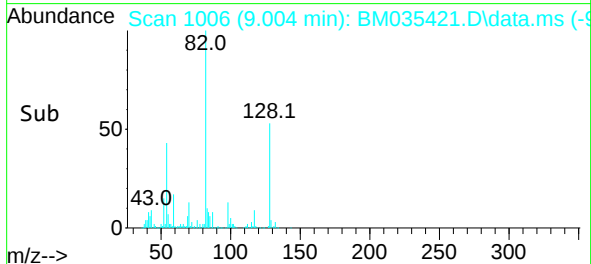
Instrument :
BNA_M
ClientSampleId :
MW-27



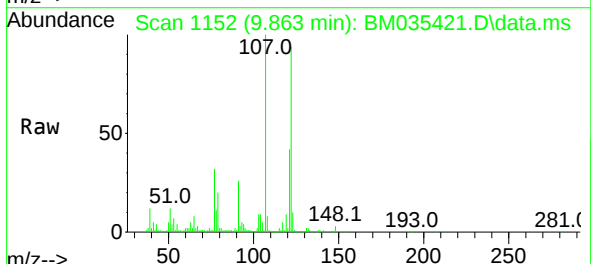
Tgt Ion: 82 Resp: 486129
Ion Ratio Lower Upper
82 100
128 52.6 33.7 50.5
54 42.8 43.2 64.8

Manual Integrations
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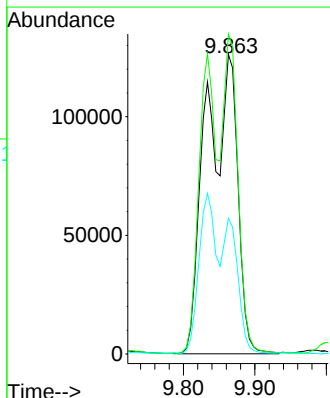
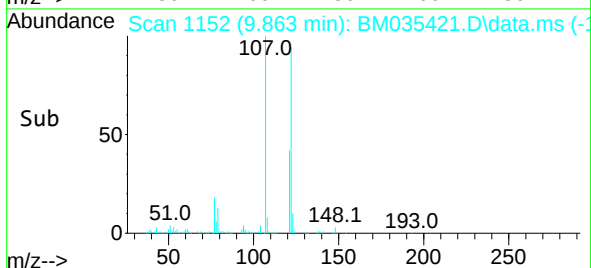
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

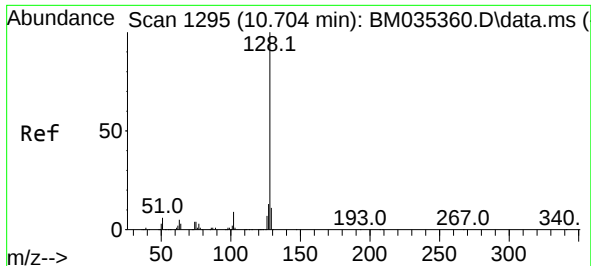


#27
2,4-Dimethylphenol
Concen: 79.759 ng m
RT: 9.863 min Scan# 1152
Delta R.T. 0.035 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56



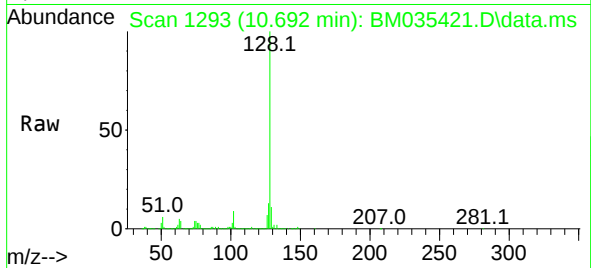
Tgt Ion:122 Resp: 382872
Ion Ratio Lower Upper
122 100
107 106.8 92.4 138.6
121 45.2 47.4 71.0#





#31
Naphthalene
Concen: 152.177 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

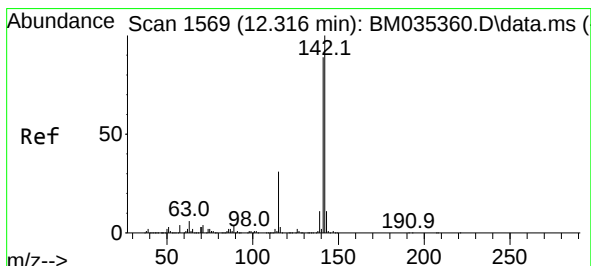
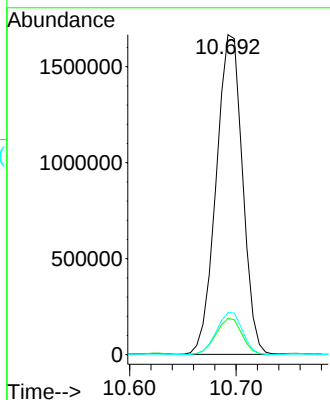
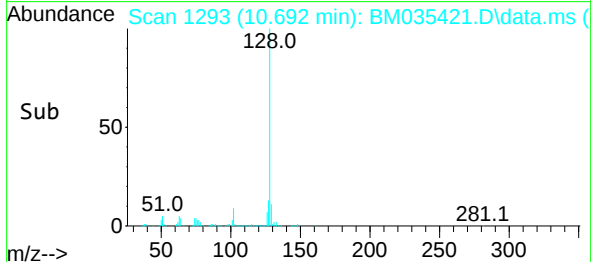
Instrument :
BNA_M
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MW-27



Tgt Ion:128 Resp: 2859220
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.1 10.6 16.0

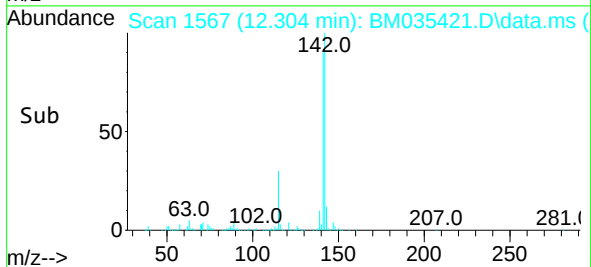
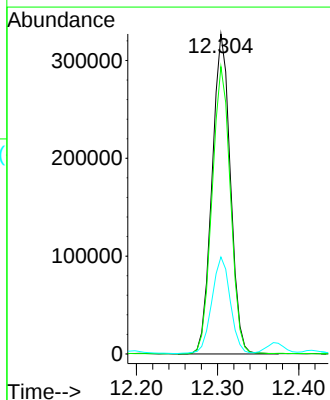
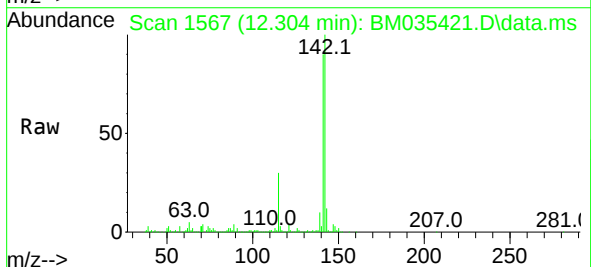
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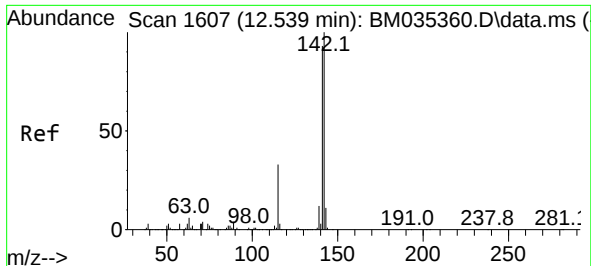
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#37
2-Methylnaphthalene
Concen: 36.227 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

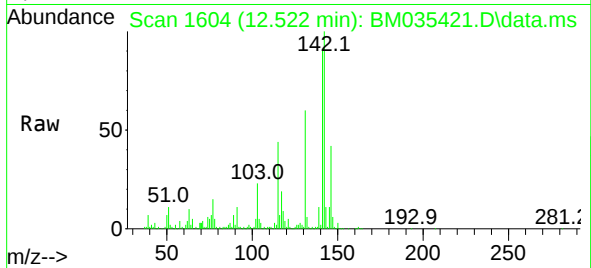
Tgt Ion:142 Resp: 513618
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 30.3 29.6 44.4





#38
1-Methylnaphthalene
Concen: 18.347 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

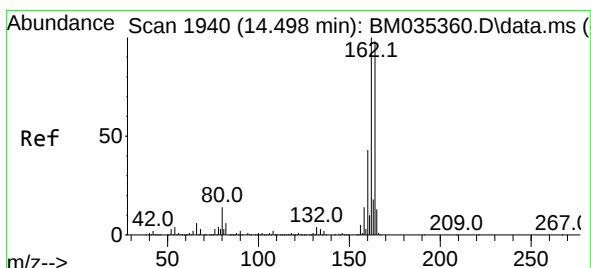
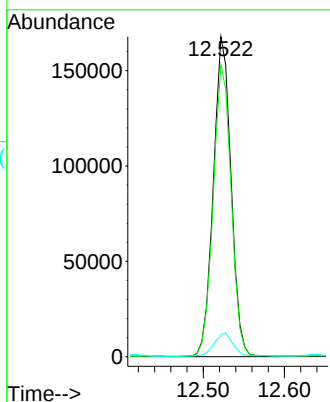
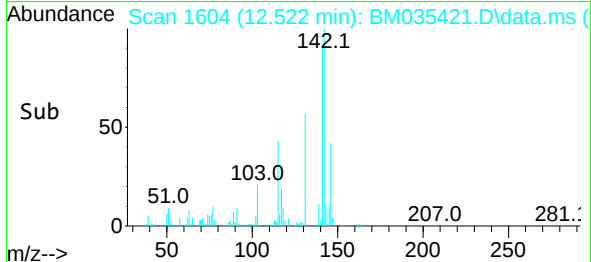
Instrument :
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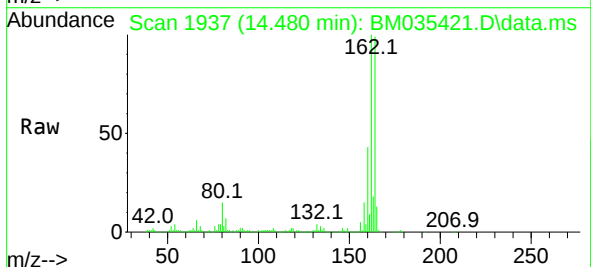
Tgt Ion:142 Resp: 254908
Ion Ratio Lower Upper
142 100
141 91.1 75.0 112.4
116 6.7 3.4 5.2

Manual Integrations
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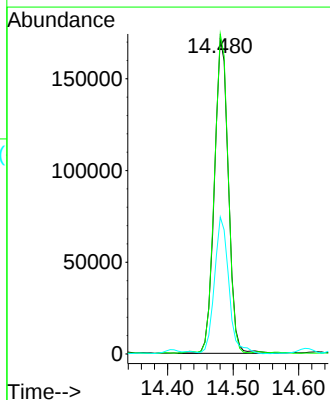
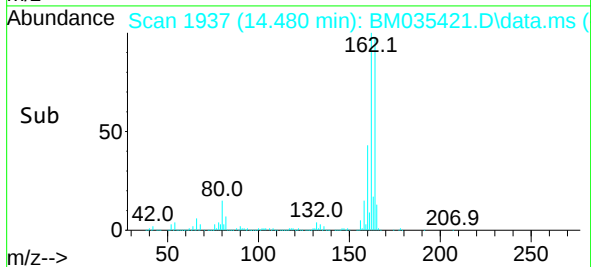
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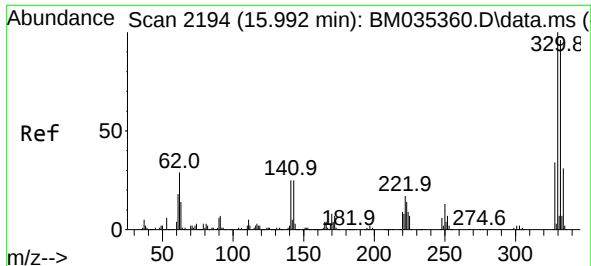


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56



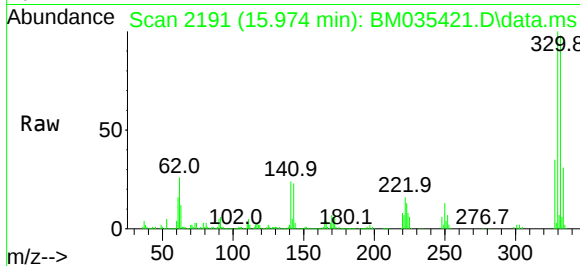
Tgt Ion:164 Resp: 253826
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 43.3 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 119.209 ng
RT: 15.974 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

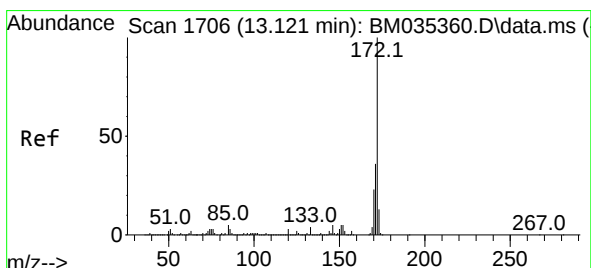
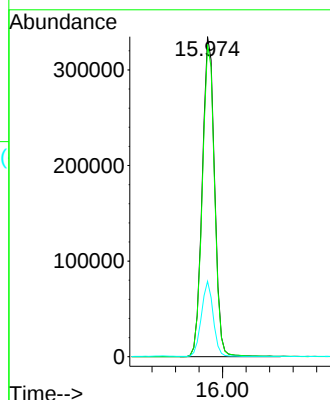
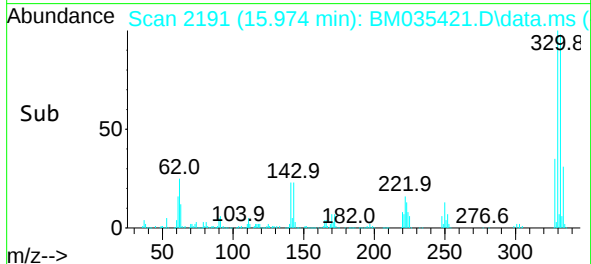
Instrument :
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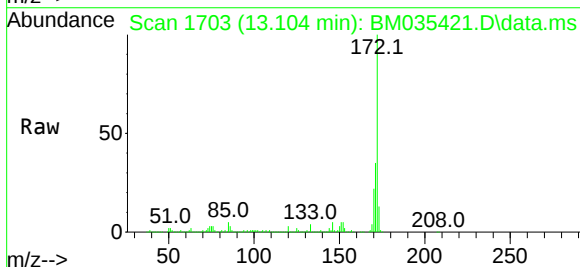
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Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 22.4 35.3 52.9

Manual Integrations
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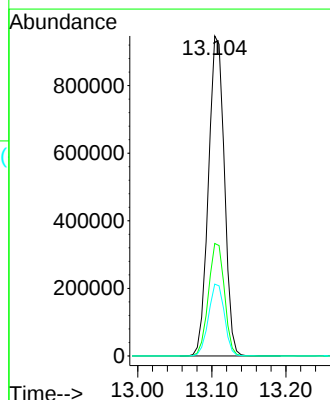
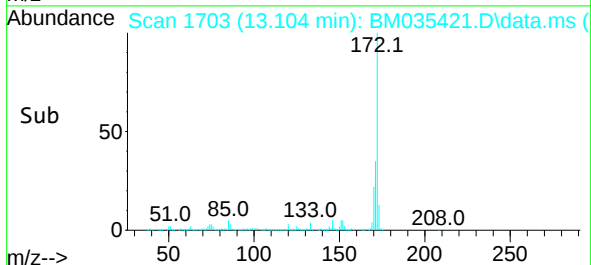
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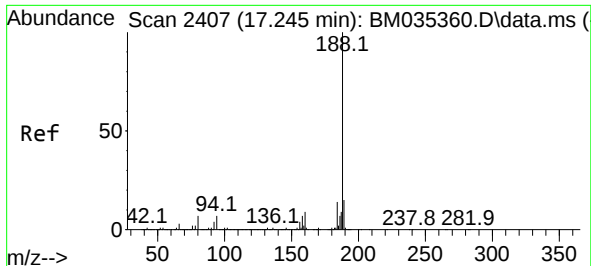


#45
2-Fluorobiphenyl
Concen: 79.919 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56



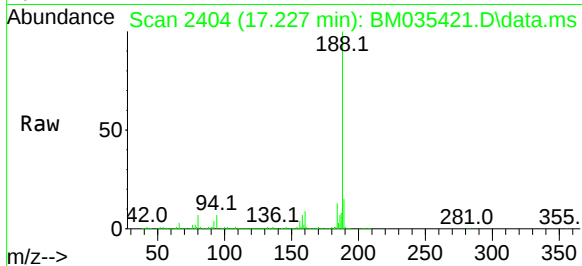
Tgt Ion:172 Resp: 1412370
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.5 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

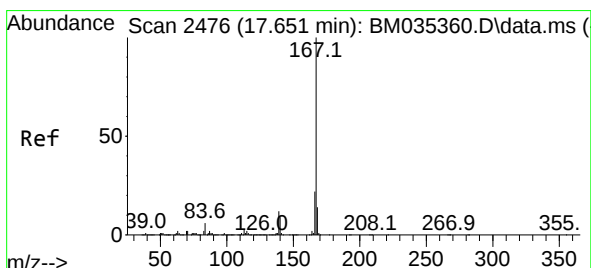
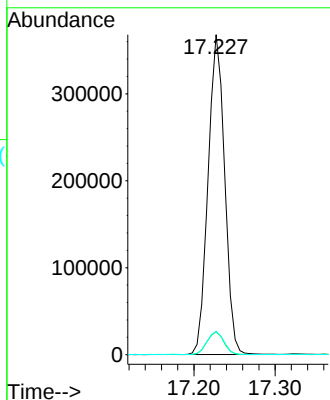
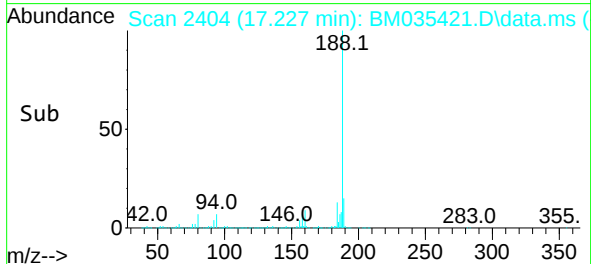
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion:188 Resp: 521580
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 7.3 7.6 11.4

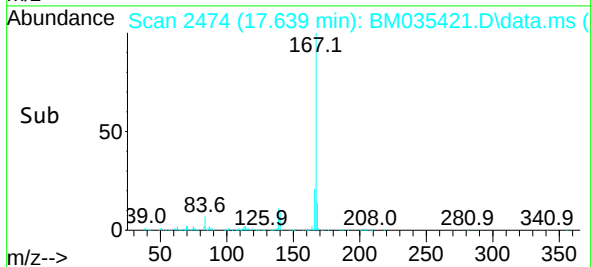
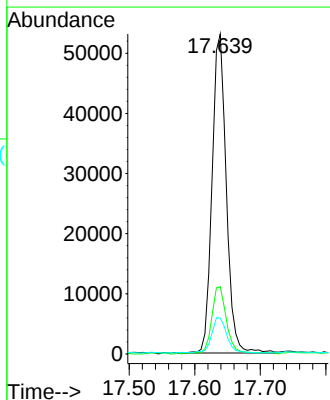
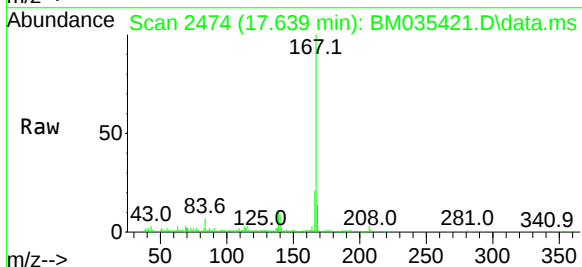
Manual Integrations
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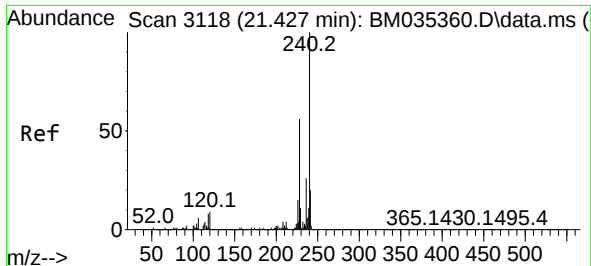
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#73
Carbazole
Concen: 3.229 ng
RT: 17.639 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion:167 Resp: 79983
Ion Ratio Lower Upper
167 100
166 21.0 17.8 26.8
139 11.2 10.9 16.3





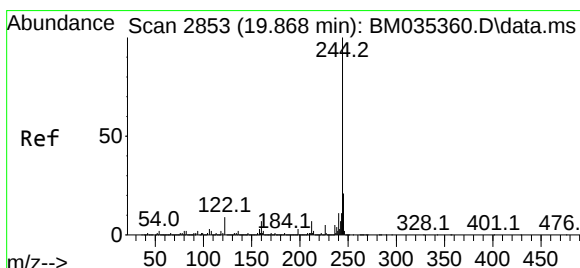
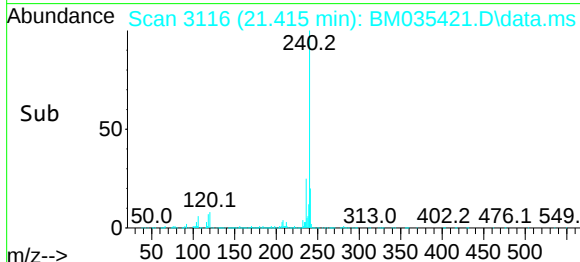
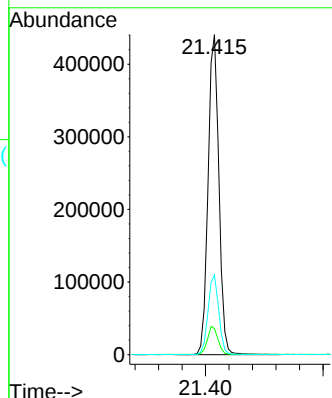
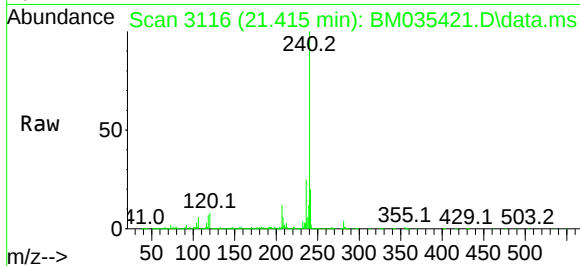
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Instrument :
BNA_M
ClientSampleId :
MW-27

Tgt Ion:240 Resp: 564832
Ion Ratio Lower Upper
240 100
120 8.2 9.4 14.0#
236 24.9 20.6 30.8#

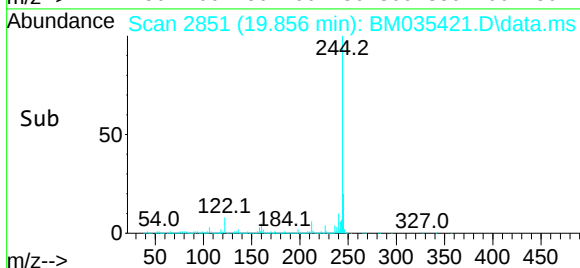
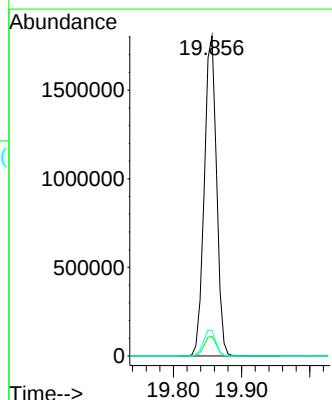
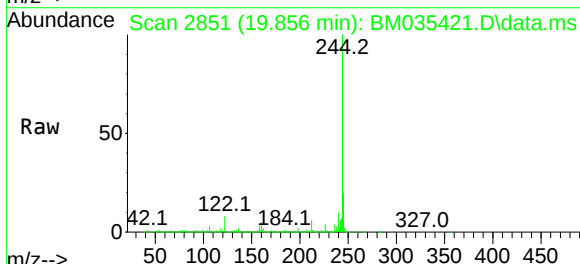
Manual Integrations
APPROVED

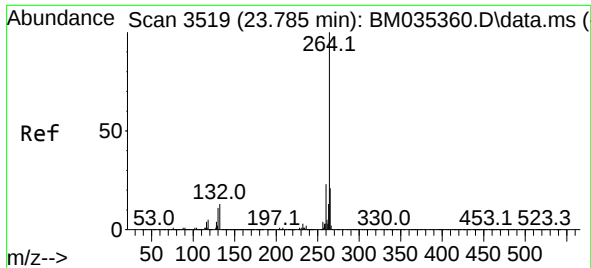
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022



#79
Terphenyl-d14
Concen: 79.466 ng
RT: 19.856 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

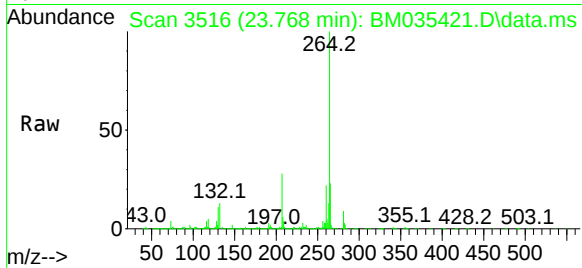
Tgt Ion:244 Resp: 2252954
Ion Ratio Lower Upper
244 100
212 6.1 6.2 9.4#
122 7.9 8.3 12.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM035421.D
 Acq: 07 Jun 2022 20:56

Instrument :
 BNA_M
 ClientSampleId :
 MW-27



Tgt Ion:264 Resp: 62559
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.9 28.3
 265 22.8 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/09/2022

