

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035422.D
 Acq On : 07 Jun 2022 21:33
 Operator : CG/JU
 Sample : N3202-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-29

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 04:09:15 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	7.839	152	92957	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	344983	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	229271	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	484787	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	540492	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	602772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	347393	78.529	ng	0.00
7) Phenol-d6	7.028	99	296200	49.018	ng	0.00
23) Nitrobenzene-d5	9.004	82	484117	89.105	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	516000	140.271	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1445691	90.565	ng	0.00
79) Terphenyl-d14	19.856	244	2327740	85.801	ng	0.00
Target Compounds						Qvalue
17) 2-Methylphenol	8.304	107	20570	4.671	ng	92
27) 2,4-Dimethylphenol	9.863	122	407480m	95.414	ng	
31) Naphthalene	10.698	128	3697158	221.182	ng	100
37) 2-Methylnaphthalene	12.304	142	304703	24.158	ng	95
38) 1-Methylnaphthalene	12.521	142	214705	17.370	ng	# 99
73) Carbazole	17.639	167	97643	4.241	ng	98

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

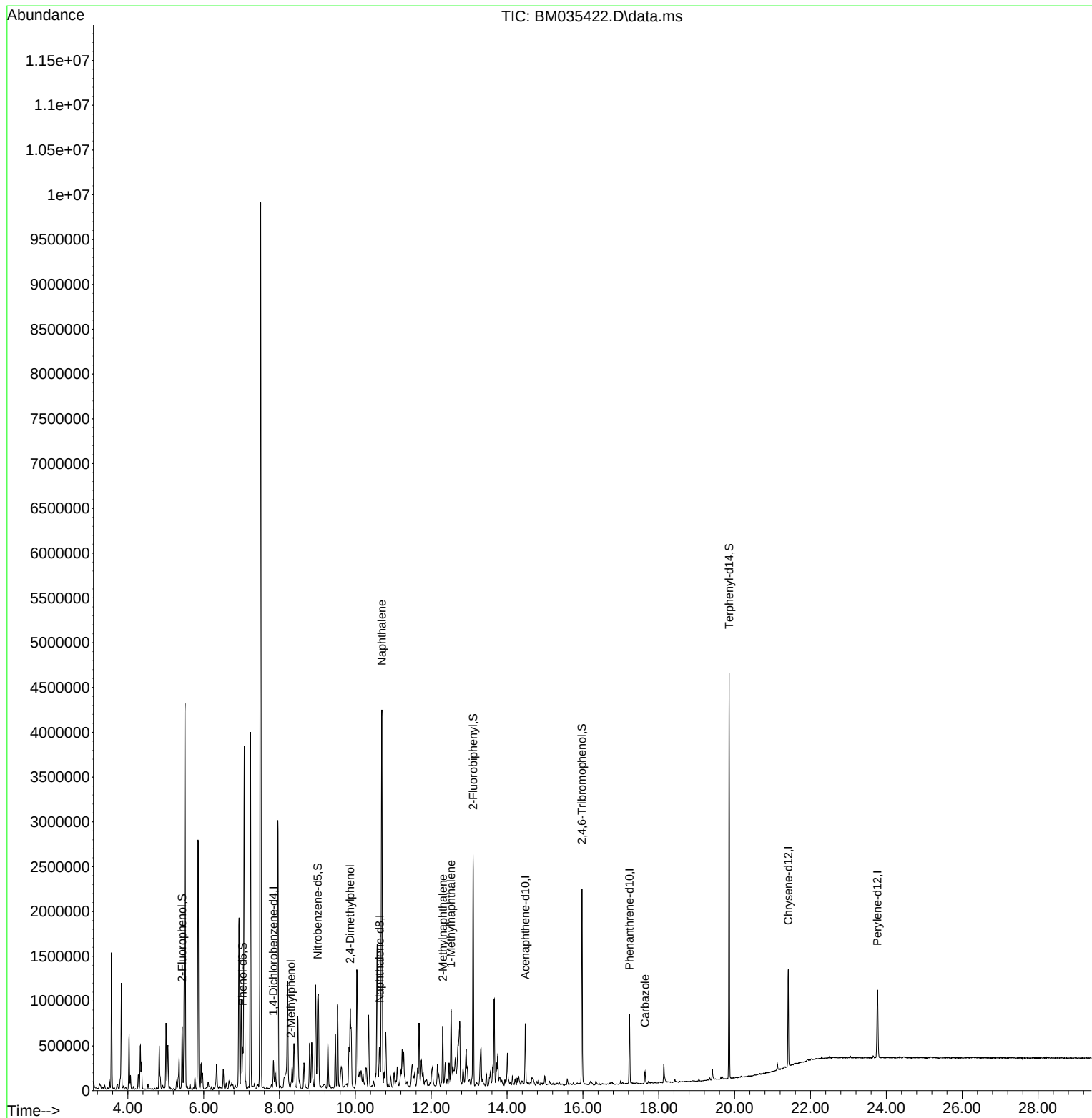
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035422.D
Acq On : 07 Jun 2022 21:33
Operator : CG/JU
Sample : N3202-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

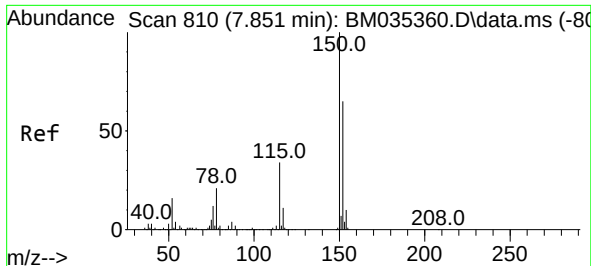
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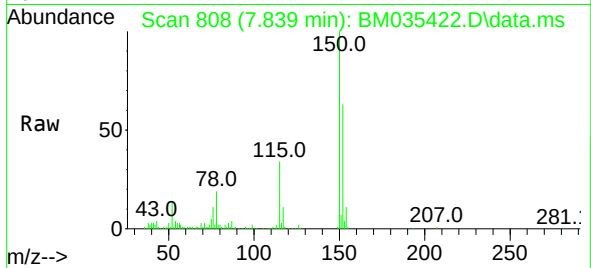
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

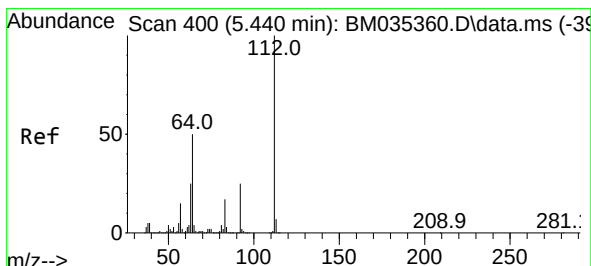
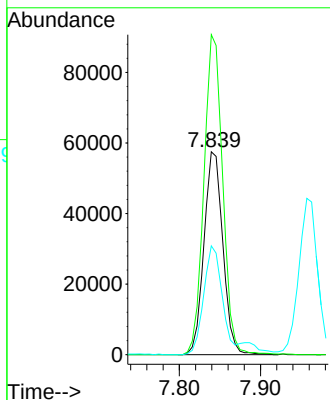
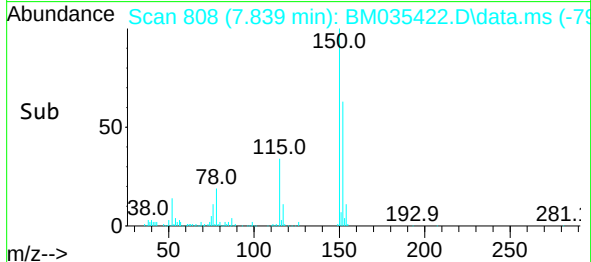
Instrument :
BNA_M
ClientSampleId :
MW-29



Tgt Ion:152 Resp: 9295
Ion Ratio Lower Upper
152 100
150 157.7 124.9 187.3
115 53.6 47.9 71.9

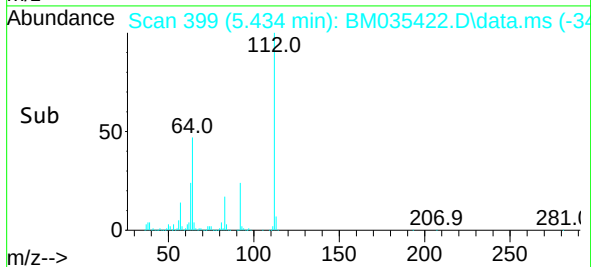
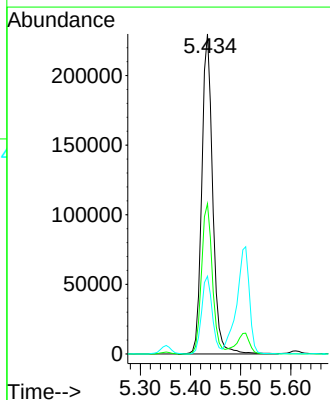
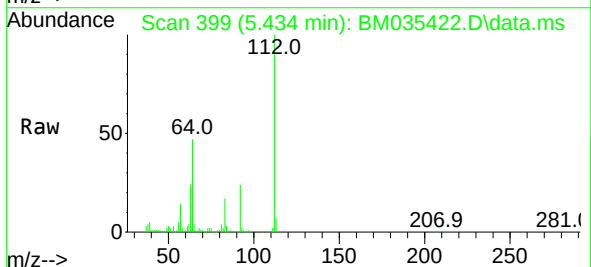
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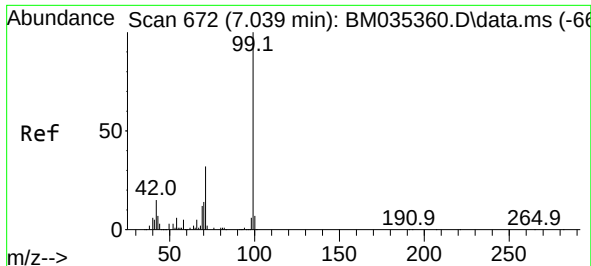
Reviewed By :Christian Giraldo 06/08/2022
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#5
2-Fluorophenol
Concen: 78.529 ng
RT: 5.434 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

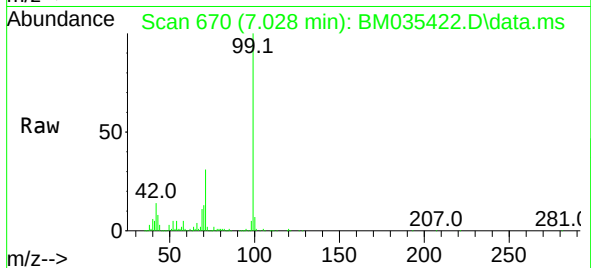
Tgt Ion:112 Resp: 347393
Ion Ratio Lower Upper
112 100
64 46.9 47.8 71.6#
63 24.3 26.6 40.0#





#7
Phenol-d6
Concen: 49.018 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

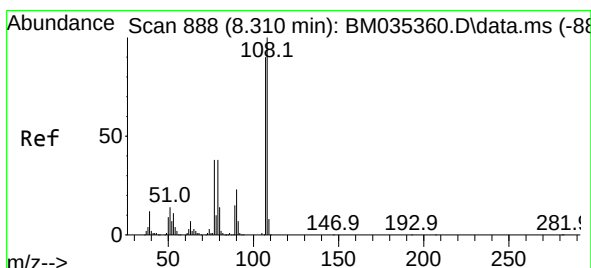
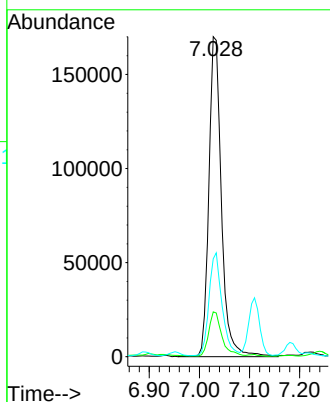
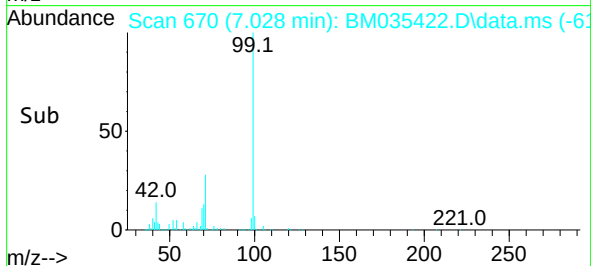
Instrument :
BNA_M
ClientSampleId :
MW-29



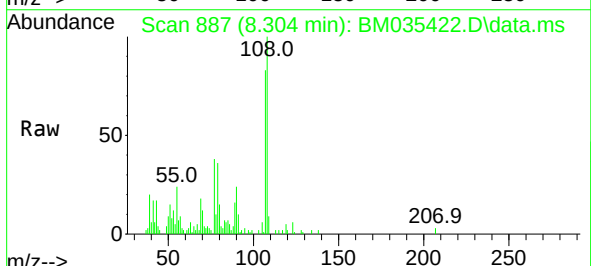
Tgt Ion: 99 Resp: 296200
Ion Ratio Lower Upper
99 100
42 14.0 18.8 28.2
71 30.6 30.2 45.2

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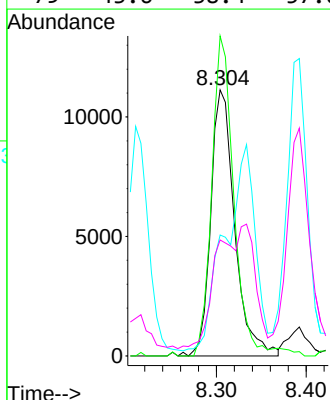
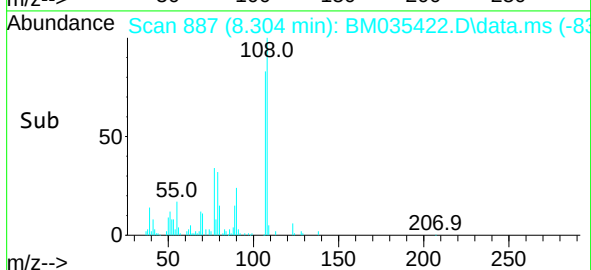
Reviewed By :Christian Giraldo 06/08/2022
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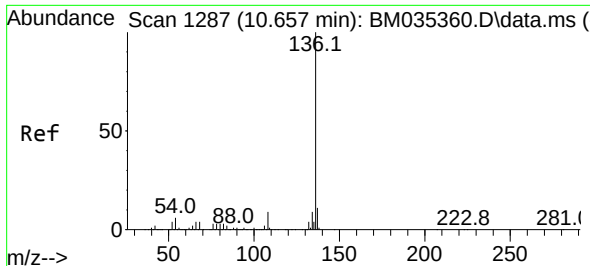


#17
2-Methylphenol
Concen: 4.671 ng
RT: 8.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33



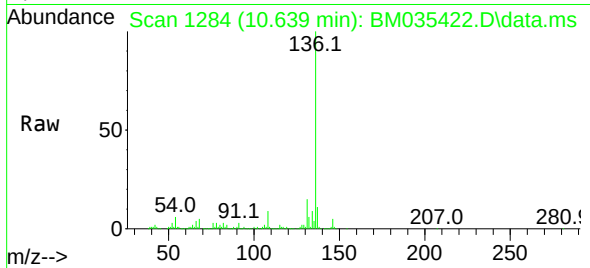
Tgt Ion:107 Resp: 20570
Ion Ratio Lower Upper
107 100
108 120.3 88.7 133.1
77 45.5 40.6 60.8
79 43.6 38.4 57.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 10639
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

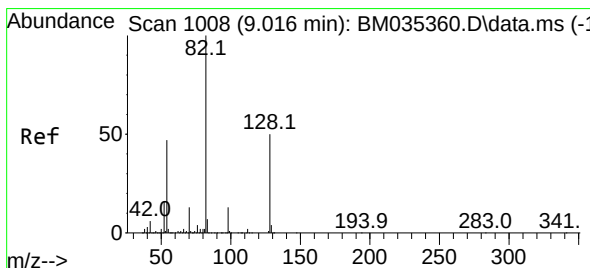
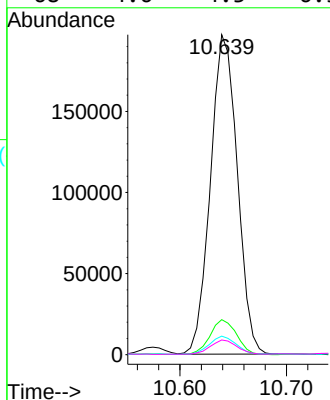
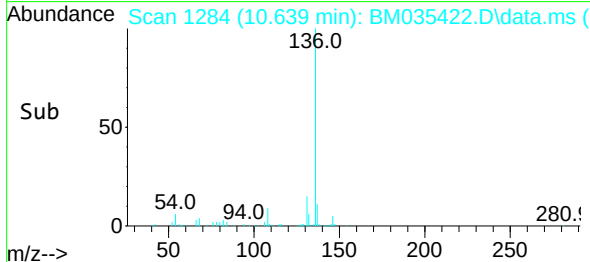
Instrument :
BNA_M
ClientSampleId :
MW-29



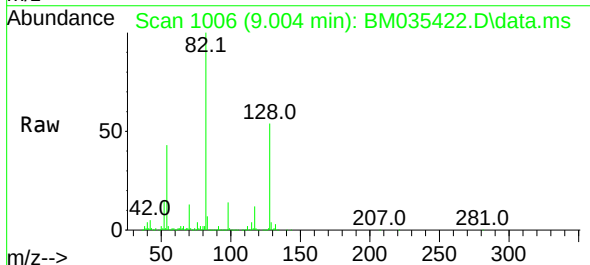
Tgt Ion:136 Resp: 344983
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.8 7.0 10.4
68 4.6 4.3 6.5

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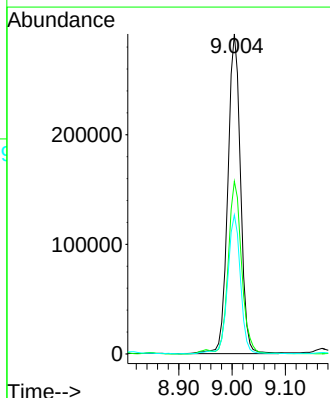
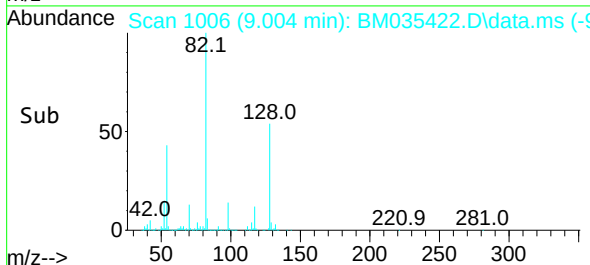
Reviewed By :Christian Giraldo 06/08/2022
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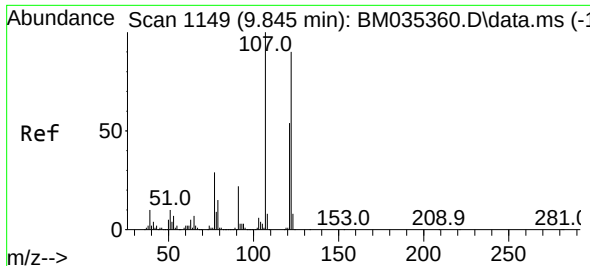


#23
Nitrobenzene-d5
Concen: 89.105 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33



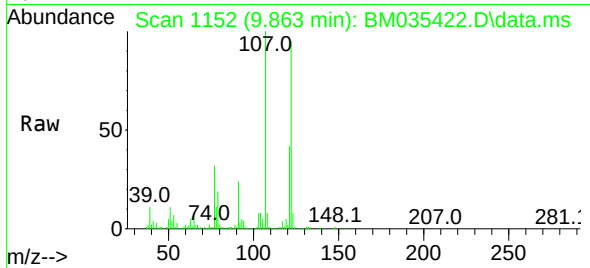
Tgt Ion: 82 Resp: 484117
Ion Ratio Lower Upper
82 100
128 54.0 33.7 50.5#
54 43.4 43.2 64.8





#27
2,4-Dimethylphenol
Concen: 95.414 ng m
RT: 9.863 min Scan# 1152
Delta R.T. 0.035 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

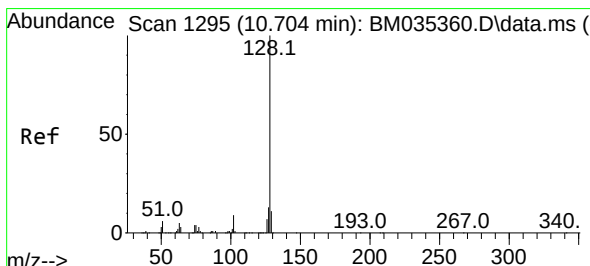
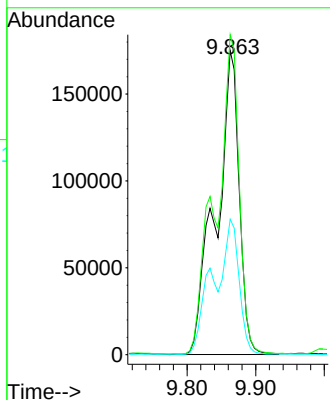
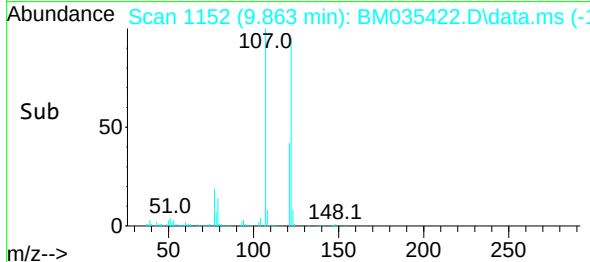
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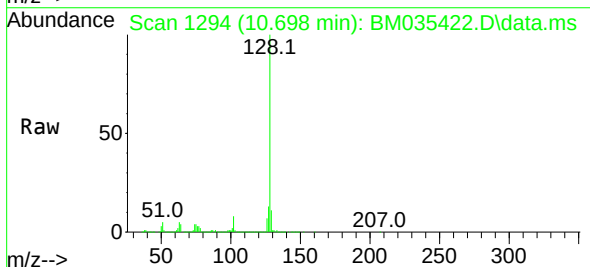
Tgt Ion:122 Resp: 407480
Ion Ratio Lower Upper
122 100
107 105.3 92.4 138.6
121 44.6 47.4 71.0

Manual Integrations
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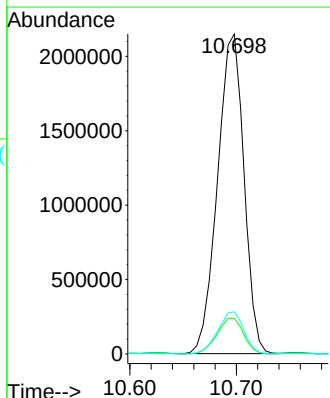
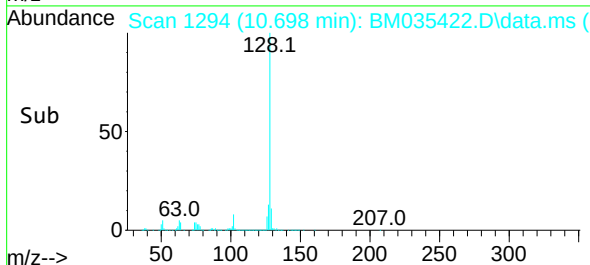
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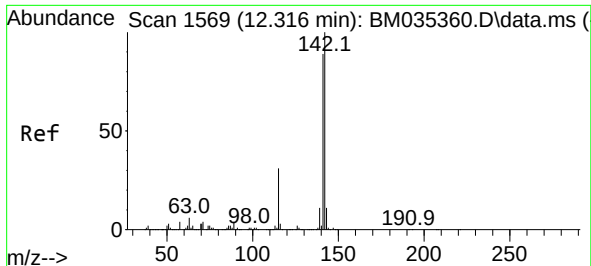


#31
Naphthalene
Concen: 221.182 ng
RT: 10.698 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33



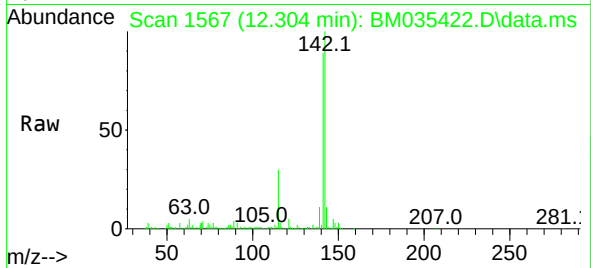
Tgt Ion:128 Resp: 3697158
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.6 16.0





#37
2-Methylnaphthalene
Concen: 24.158 ng
RT: 12.304 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

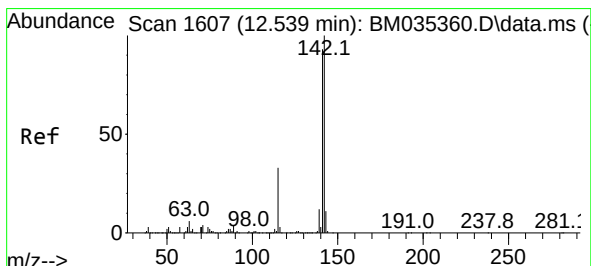
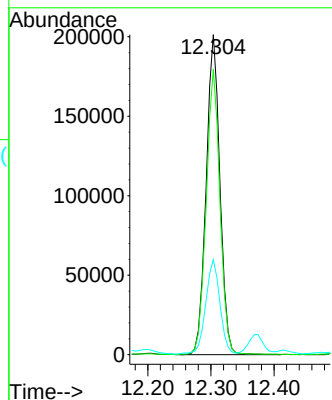
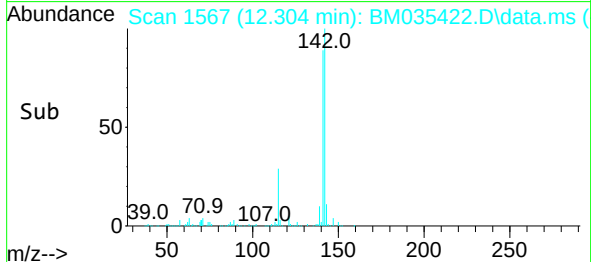
Instrument :
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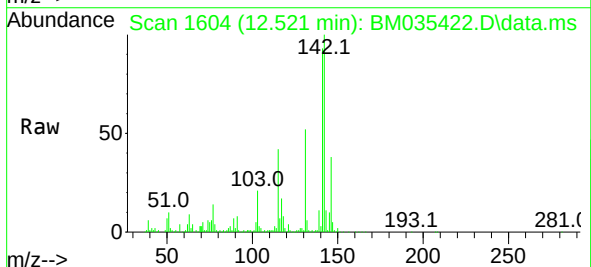
Tgt Ion:142 Resp: 30470
Ion Ratio Lower Upper
142 100
141 89.2 72.4 108.6
115 29.7 29.6 44.4

Manual Integrations
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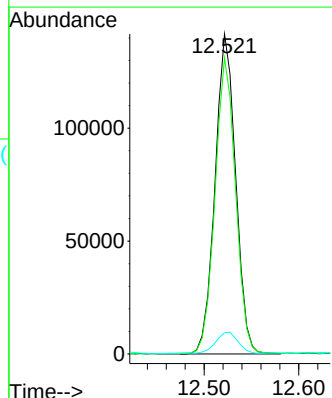
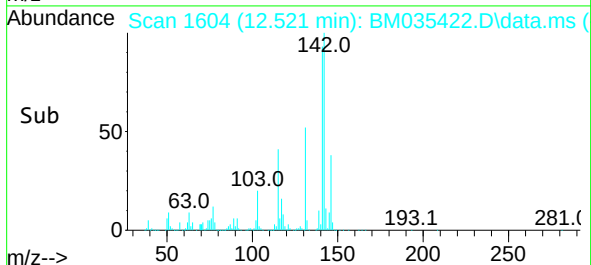
Reviewed By :Christian Giraldo 06/08/2022
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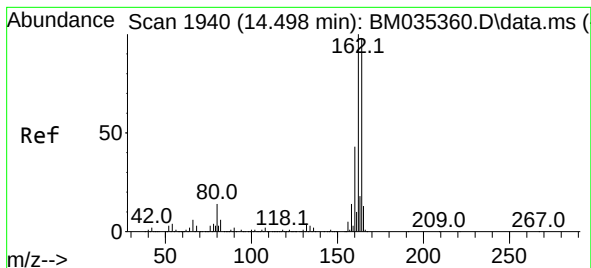


#38
1-Methylnaphthalene
Concen: 17.370 ng
RT: 12.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33



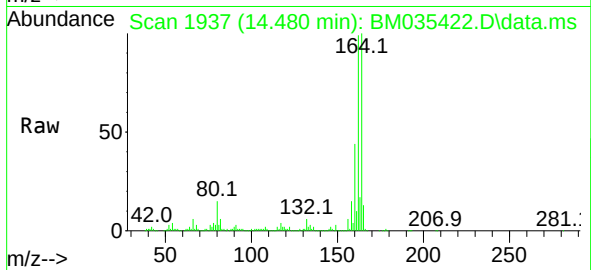
Tgt Ion:142 Resp: 214705
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4
116 6.6 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

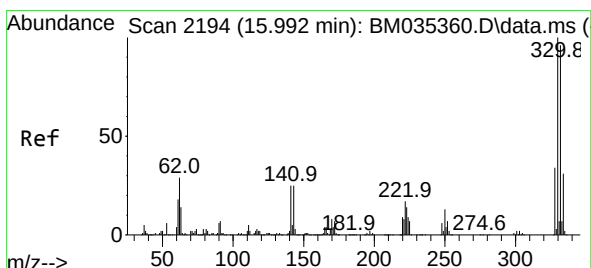
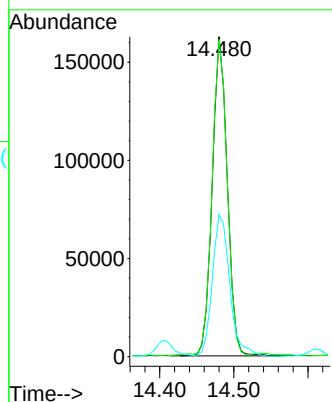
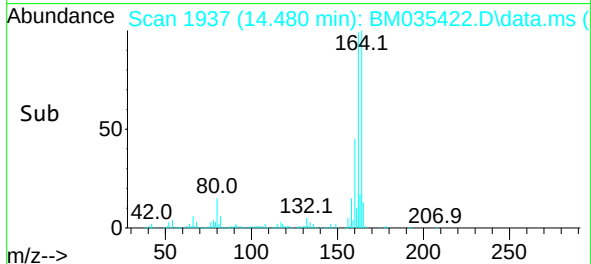
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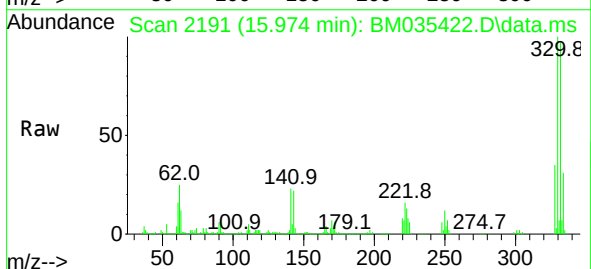
Tgt Ion:164 Resp: 22927
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 44.5 37.0 55.4

Manual Integrations
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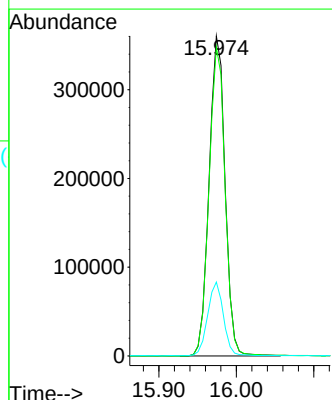
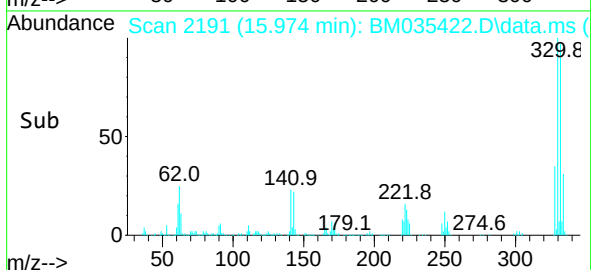
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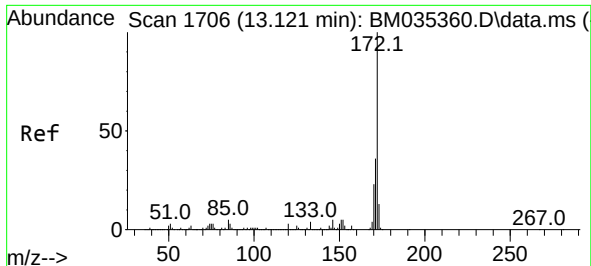


#42
2,4,6-Tribromophenol
Concen: 140.271 ng
RT: 15.974 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33



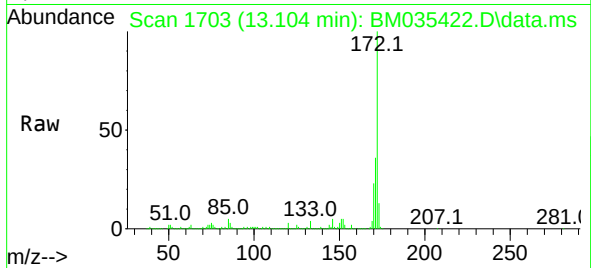
Tgt Ion:330 Resp: 516000
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 22.8 35.3 52.9#





#45
2-Fluorobiphenyl
Concen: 90.565 ng
RT: 13.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

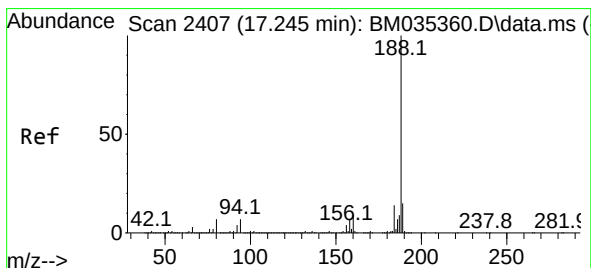
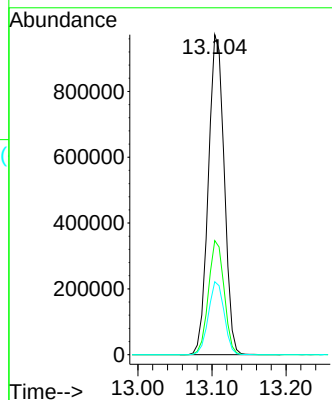
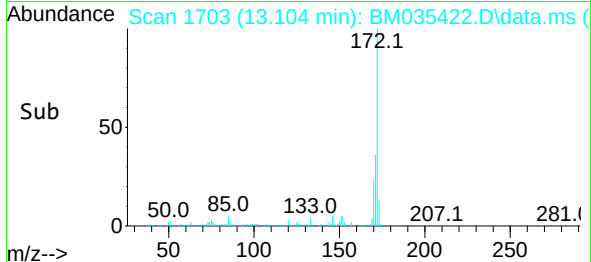
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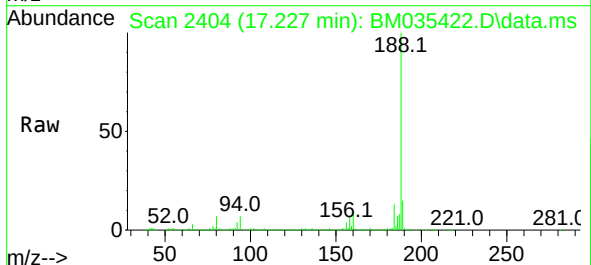
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Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.8 18.7 28.1

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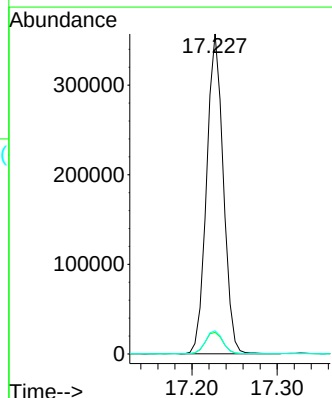
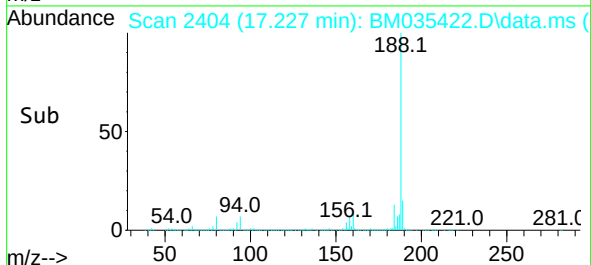
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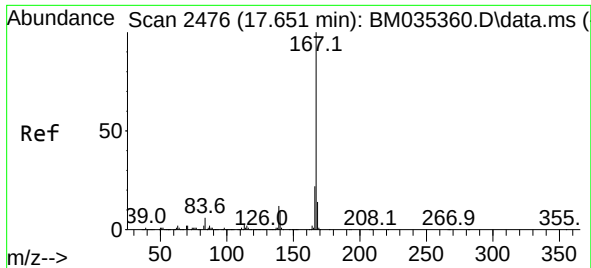


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33



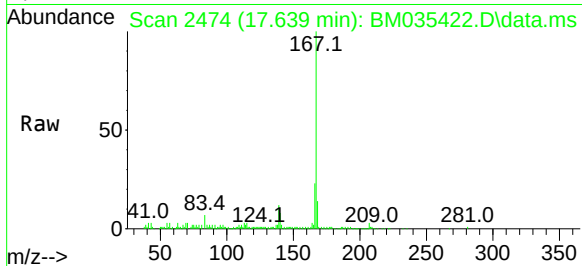
Tgt Ion:188 Resp: 484787
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.4#
80 7.2 7.6 11.4#





#73
 Carbazole
 Concen: 4.241 ng
 RT: 17.639 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM035422.D
 Acq: 07 Jun 2022 21:33

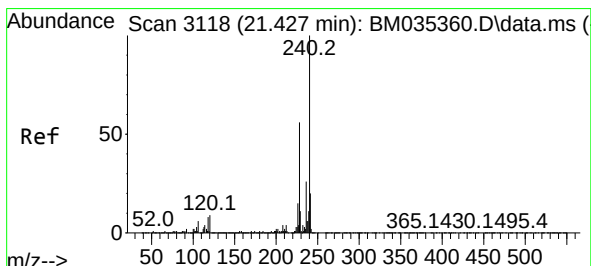
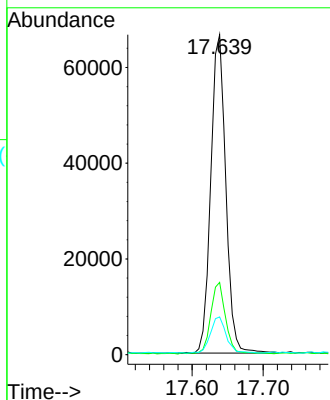
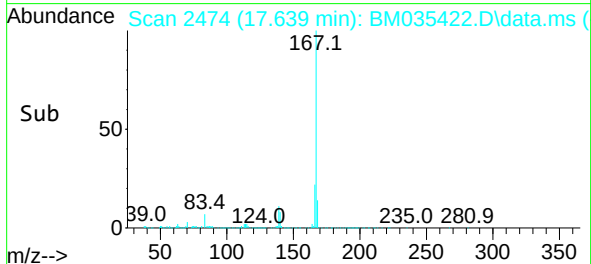
Instrument :
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 ClientSampleId :
 MW-29



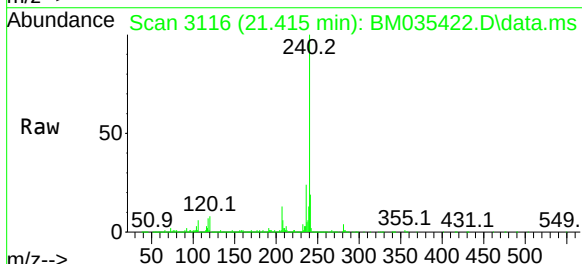
Tgt Ion:167 Resp: 9764
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 11.8 10.9 16.3

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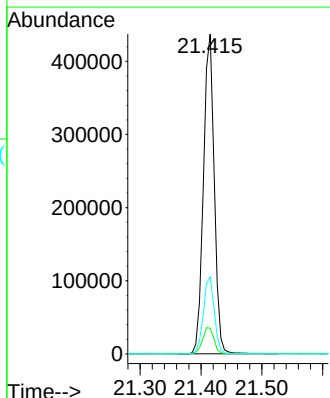
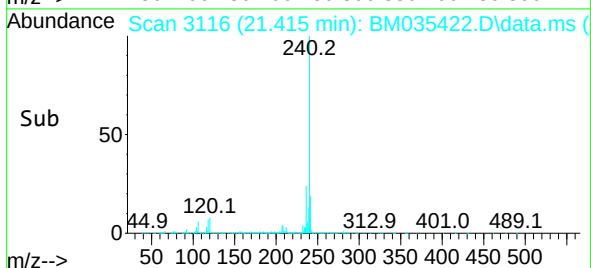
Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/09/2022

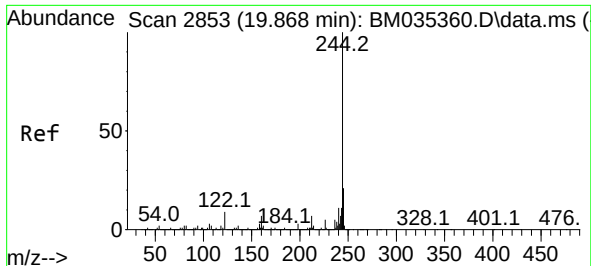


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.415 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM035422.D
 Acq: 07 Jun 2022 21:33



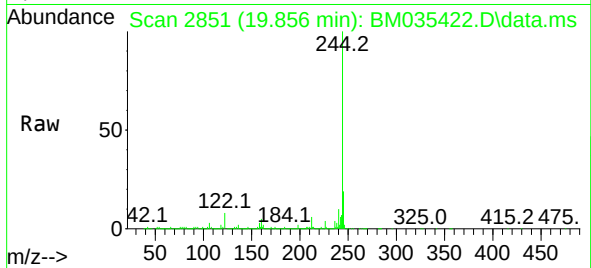
Tgt Ion:240 Resp: 540492
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.4 14.0#
 236 24.1 20.6 30.8





#79
 Terphenyl-d14
 Concen: 85.801 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035422.D
 Acq: 07 Jun 2022 21:33

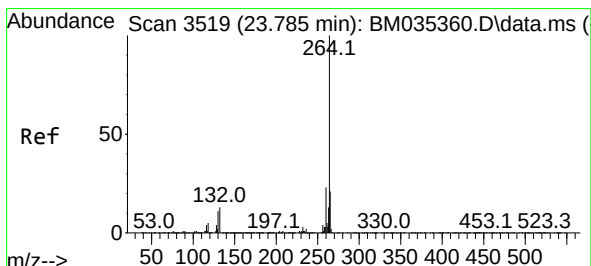
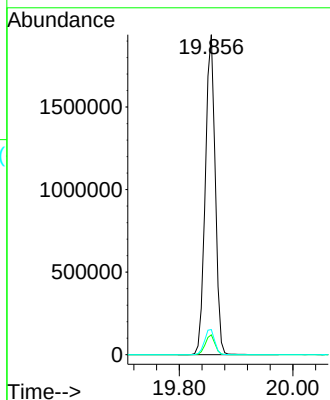
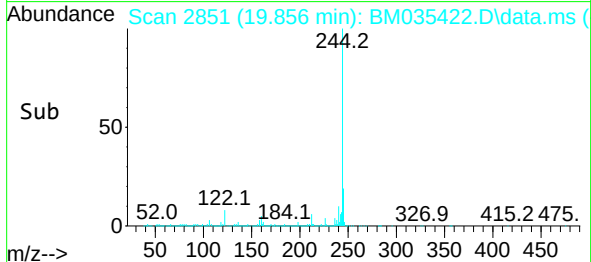
Instrument :
 BNA_M
 ClientSampleId :
 MW-29



Tgt Ion:244 Resp: 2327740
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.4
 122 7.8 8.3 12.5

Manual Integrations
 APPROVED

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM035422.D
 Acq: 07 Jun 2022 21:33

Tgt Ion:264 Resp: 602772
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.9 28.3
 265 21.9 17.5 26.3

