

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

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)

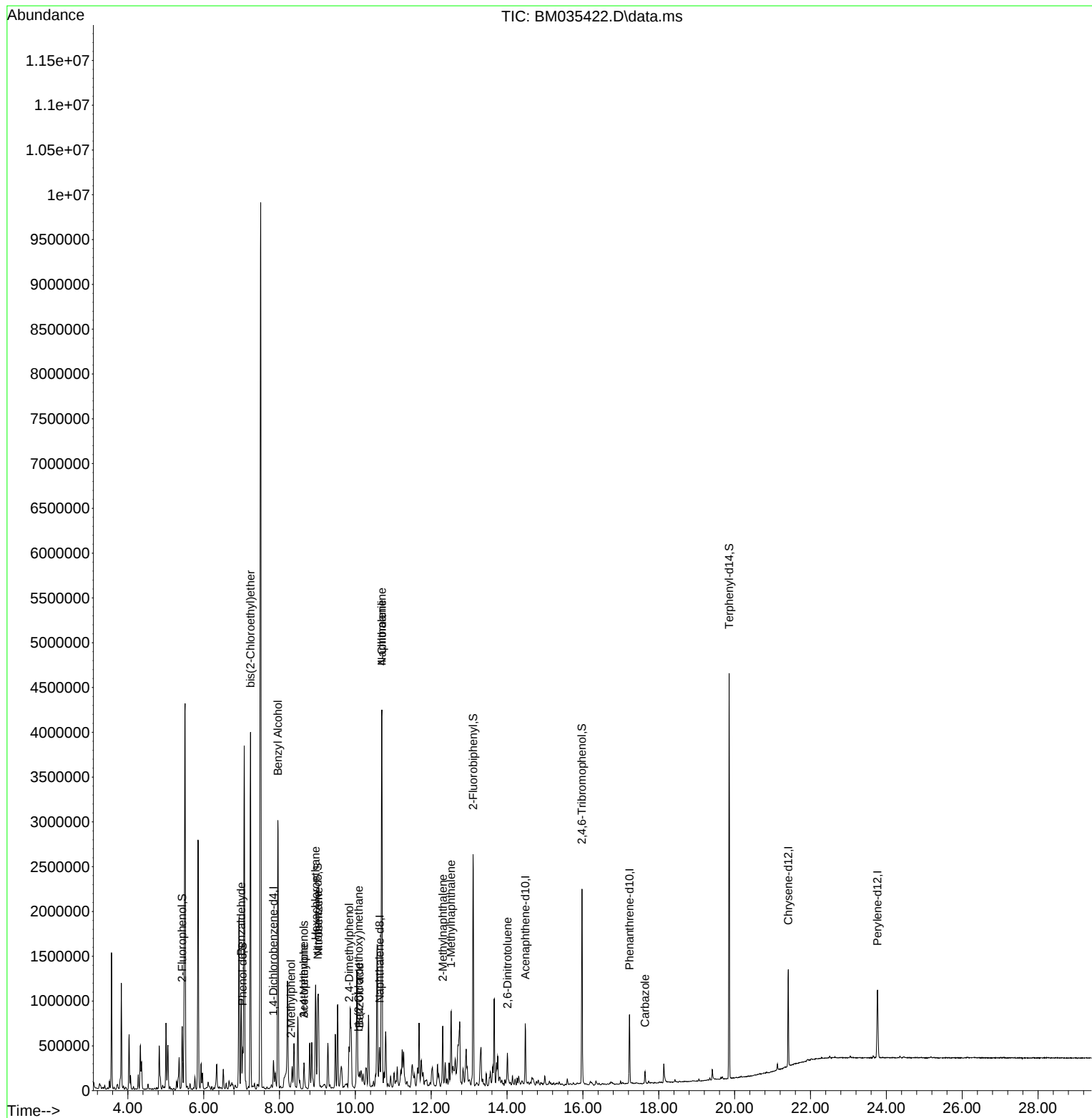
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	92957	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	344983	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	229271	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	484787	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	540492	20.000	ng	# 0.00
86) 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
9) Benzaldehyde	6.992	77	66362	22.907	ng	# 1
11) bis(2-Chloroethyl)ether	7.234	93	12473	2.632	ng	# 1
15) Benzyl Alcohol	7.957	79	143556	32.512	ng	# 12
17) 2-Methylphenol	8.304	107	20570	4.671	ng	92
18) Hexachloroethane	8.951	117	94774	43.655	ng	# 1
20) 3+4-Methylphenols	8.645	107	16194	2.627	ng	# 1
22) Acetophenone	8.645	105	164058	21.391	ng	# 57
24) Nitrobenzene	9.028	77	25750	5.232	ng	# 1
27) 2,4-Dimethylphenol	9.833	122	136370	31.932	ng	95
28) bis(2-Chloroethoxy)met...	10.086	93	21078	3.246	ng	# 71
31) Naphthalene	10.698	128	3697158	221.182	ng	100
32) Benzoic acid	10.104	122	38912	10.186	ng	# 40
33) 4-Chloroaniline	10.698	127	484524	69.217	ng	# 32
37) 2-Methylnaphthalene	12.304	142	304703	24.158	ng	95
38) 1-Methylnaphthalene	12.521	142	214705	17.370	ng	# 99
51) 2,6-Dinitrotoluene	14.010	165	8449	2.348	ng	# 84
73) Carbazole	17.639	167	97643	4.241	ng	98

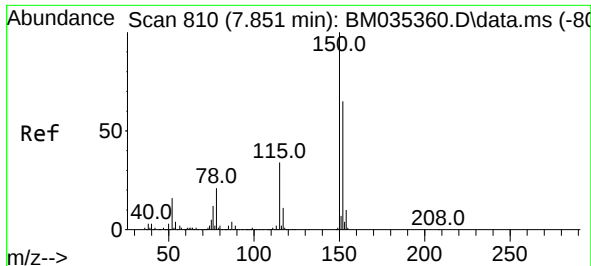
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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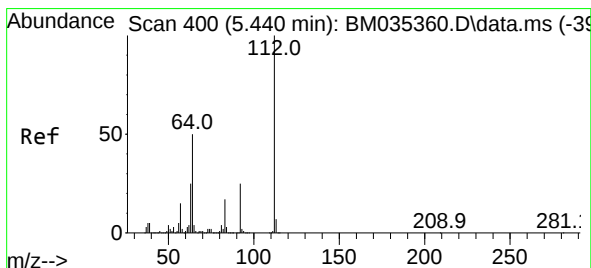
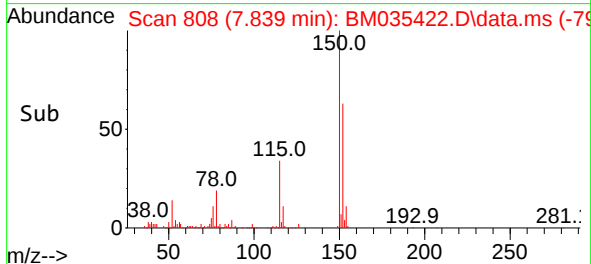
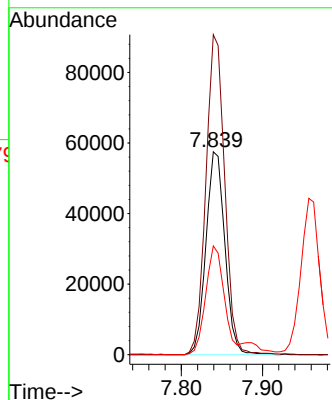
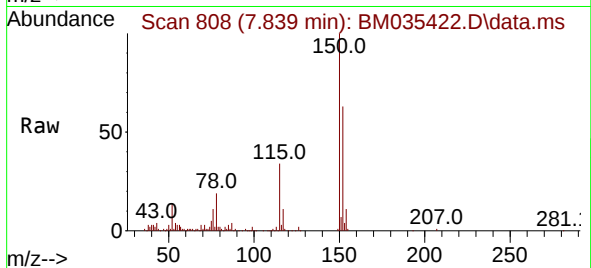




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

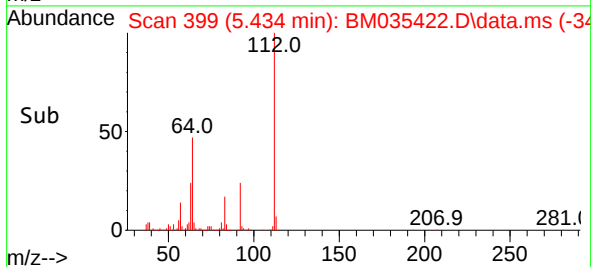
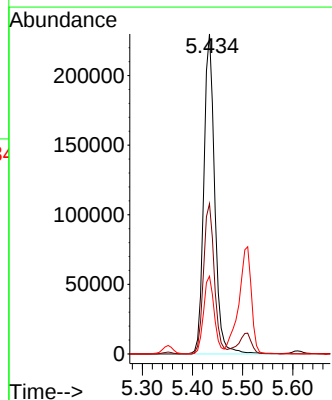
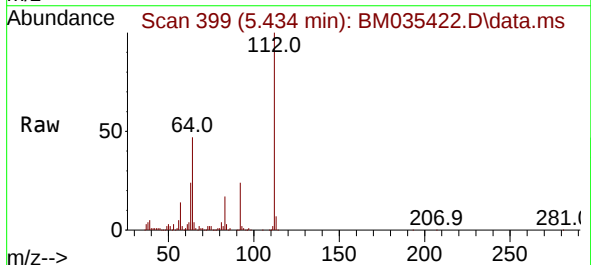
Instrument :
BNA_M
ClientSampleId :
MW-29

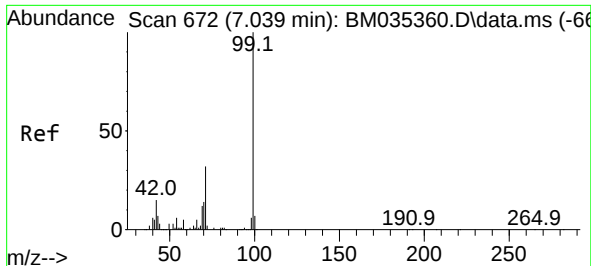
Tgt Ion:152 Resp: 92957
Ion Ratio Lower Upper
152 100
150 157.7 124.9 187.3
115 53.6 47.9 71.9



#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#

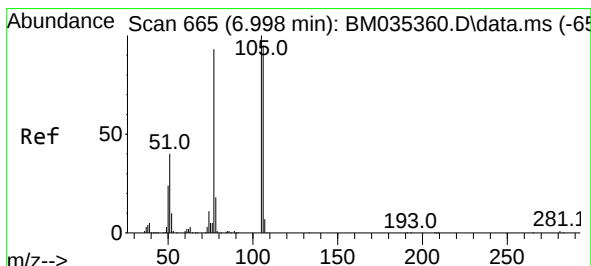
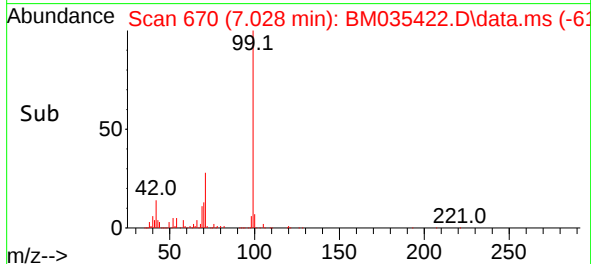
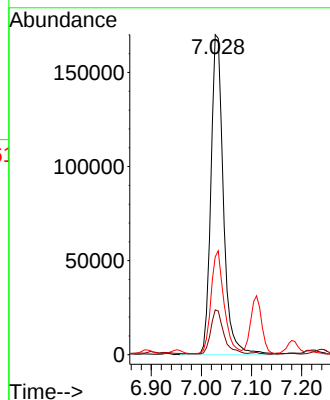
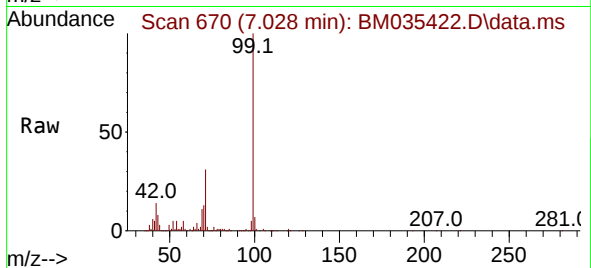




#7
Phenol-d6
Concen: 49.018 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

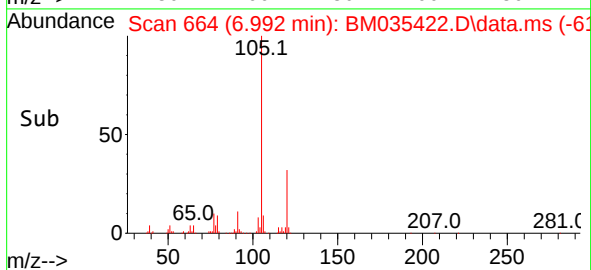
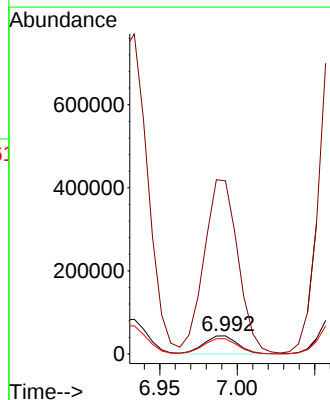
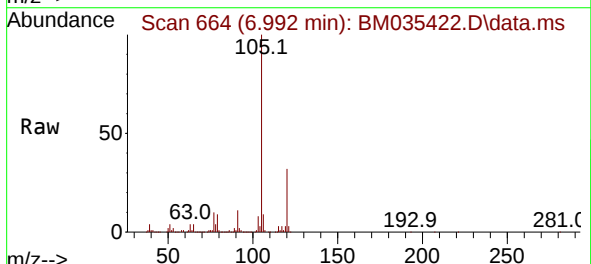
Instrument :
BNA_M
ClientSampleId :
MW-29

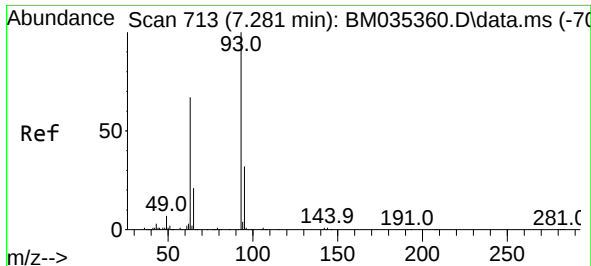
Tgt Ion: 99 Resp: 296200
Ion Ratio Lower Upper
99 100
42 14.0 18.8 28.2#
71 30.6 30.2 45.2



#9
Benzaldehyde
Concen: 22.907 ng
RT: 6.992 min Scan# 664
Delta R.T. 0.011 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

Tgt Ion: 77 Resp: 66362
Ion Ratio Lower Upper
77 100
105 959.8 76.3 116.3#
106 84.6 69.0 109.0

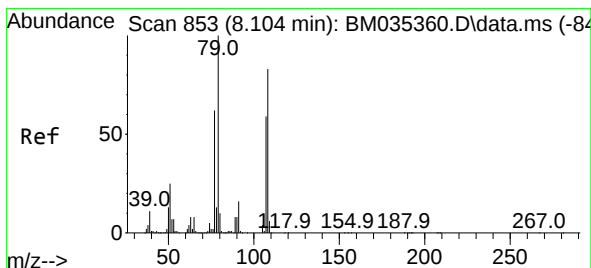
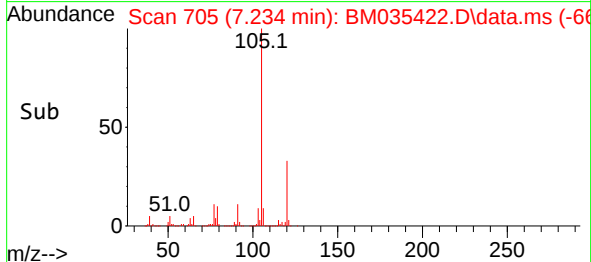
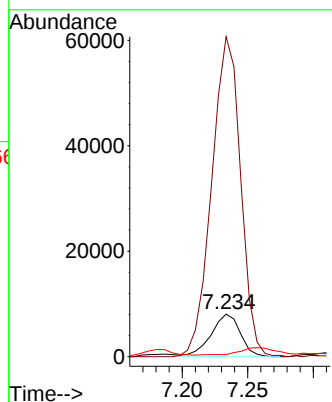
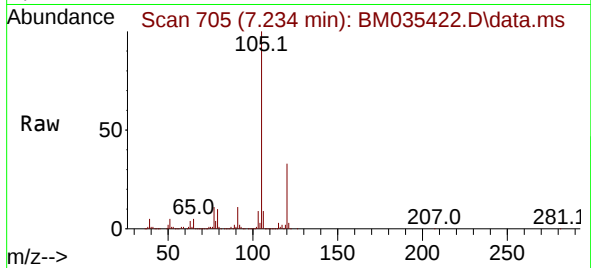




#11
bis(2-Chloroethyl)ether
Concen: 2.632 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.036 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

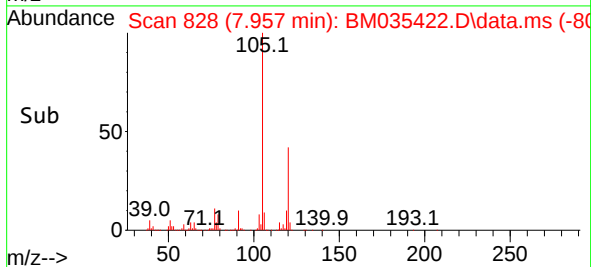
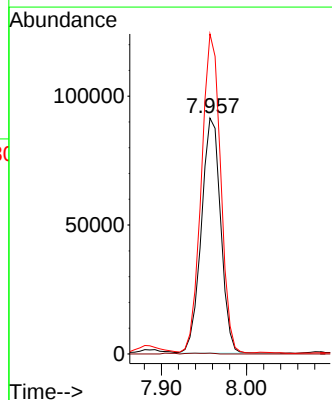
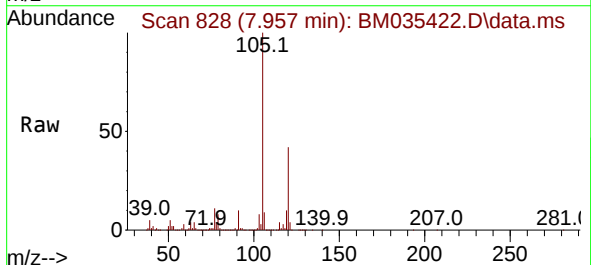
Instrument :
BNA_M
ClientSampleId :
MW-29

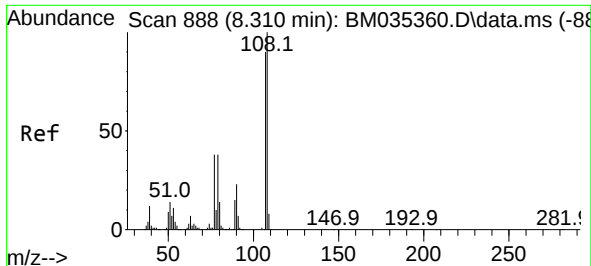
Tgt Ion: 93 Resp: 12473
Ion Ratio Lower Upper
93 100
63 750.7 60.6 100.6#
95 4.5 13.2 53.2#



#15
Benzyl Alcohol
Concen: 32.512 ng
RT: 7.957 min Scan# 828
Delta R.T. -0.136 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

Tgt Ion: 79 Resp: 143556
Ion Ratio Lower Upper
79 100
108 0.3 59.0 88.4#
77 135.7 52.2 78.4#

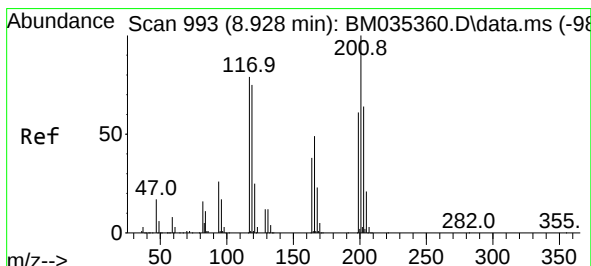
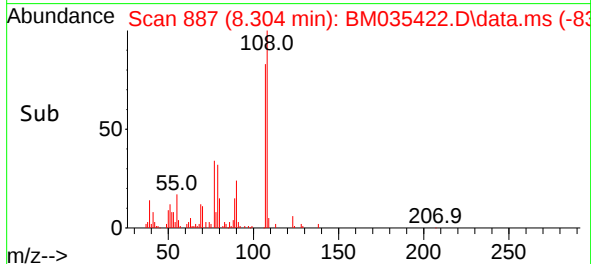
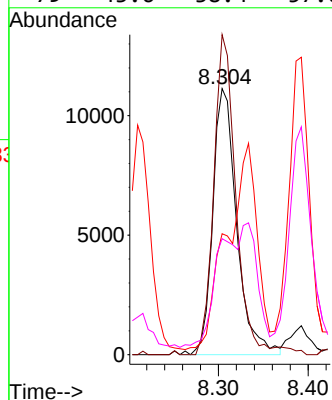
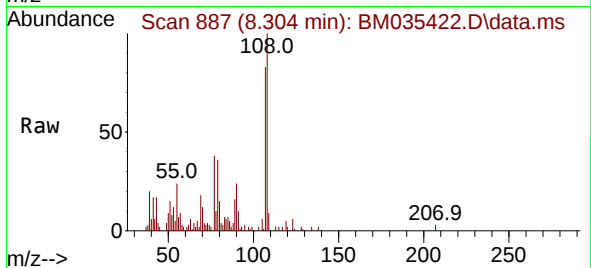




#17
2-Methylphenol
Concen: 4.671 ng
RT: 8.304 min Scan# 888
Delta R.T. 0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

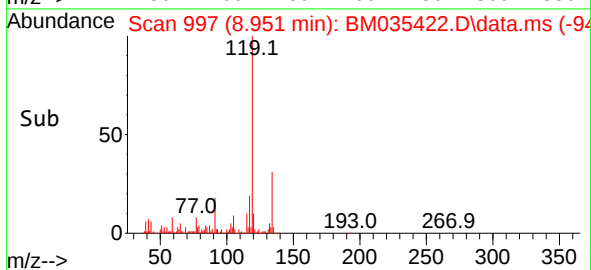
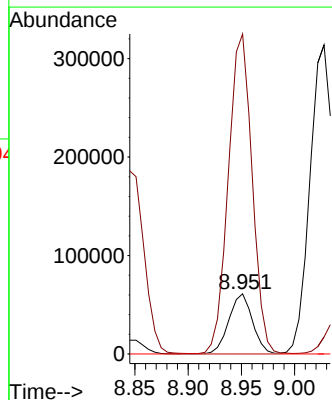
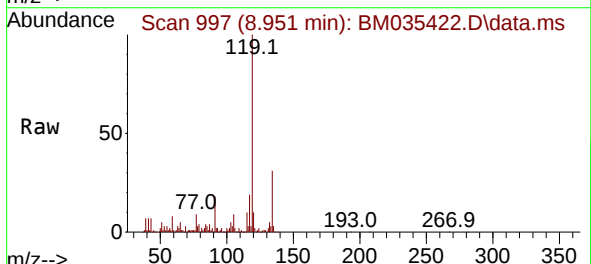
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ClientSampleId :
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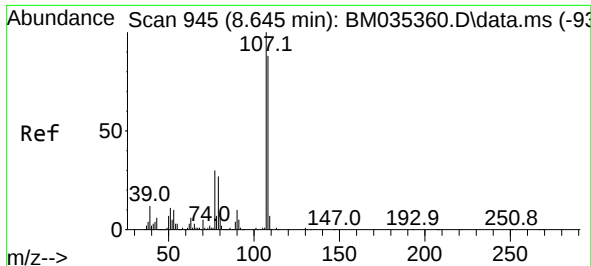
Tgt Ion:	107	Resp:	20570
Ion	Ratio	Lower	Upper
107	100		
108	120.3	88.7	133.1
77	45.5	40.6	60.8
79	43.6	38.4	57.6



#18
Hexachloroethane
Concen: 43.655 ng
RT: 8.951 min Scan# 997
Delta R.T. 0.035 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

Tgt Ion:	117	Resp:	94774
Ion	Ratio	Lower	Upper
117	100		
119	531.7	75.8	113.6#
201	0.0	81.0	121.4#

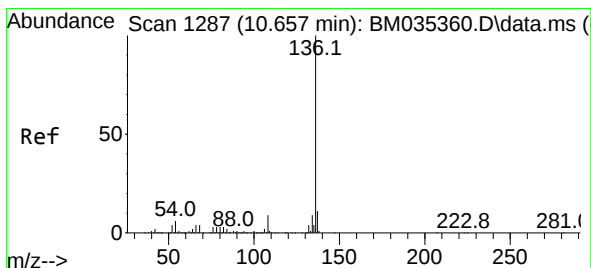
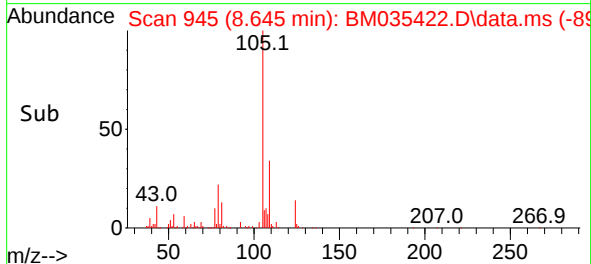
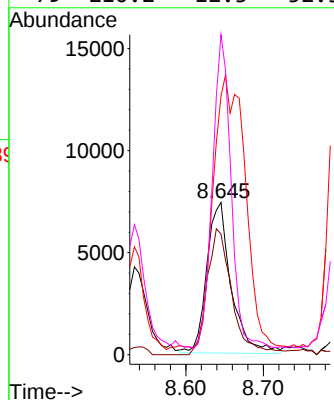
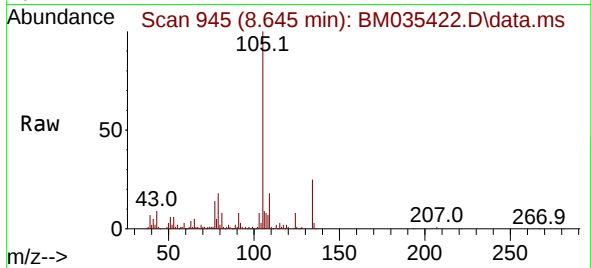




#20
3+4-Methylphenols
Concen: 2.627 ng
RT: 8.645 min Scan# 945
Delta R.T. 0.017 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

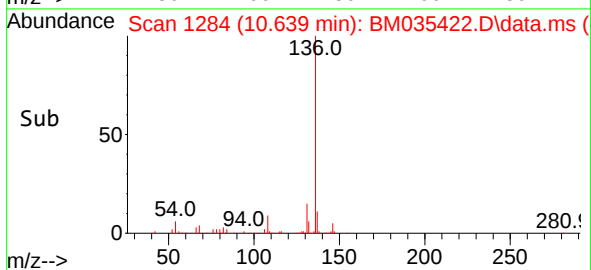
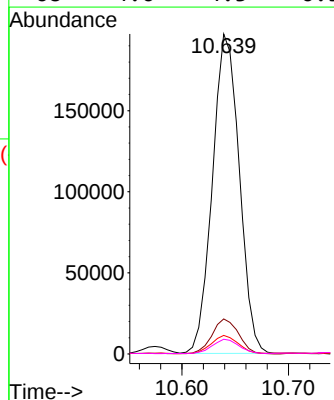
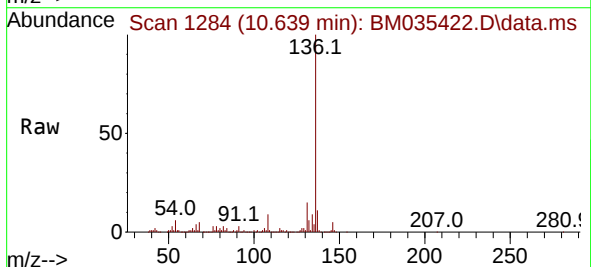
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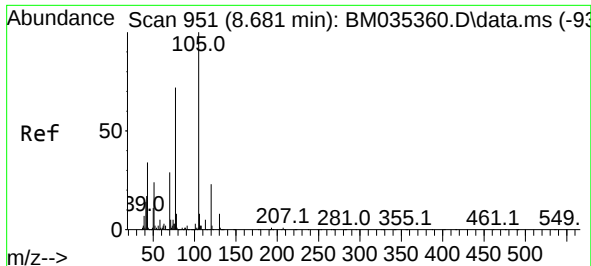
Tgt Ion:107 Resp: 16194
Ion Ratio Lower Upper
107 100
108 79.3 69.3 109.3
77 169.6 15.8 55.8#
79 210.2 12.3 52.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

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

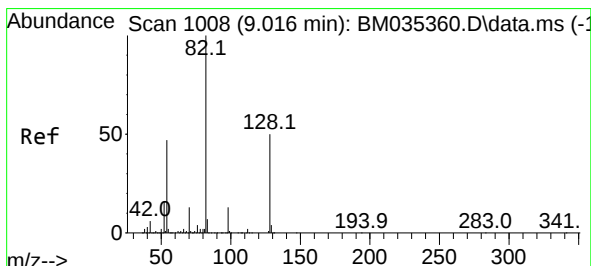
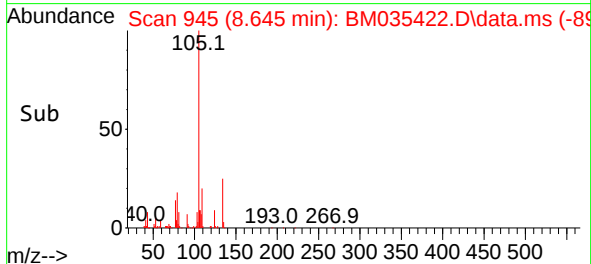
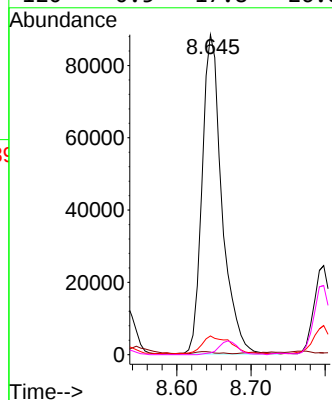
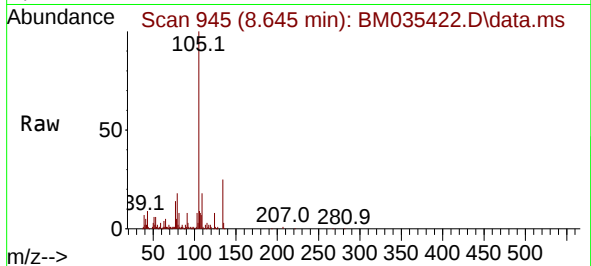




#22
Acetophenone
Concen: 21.391 ng
RT: 8.645 min Scan# 945
Delta R.T. -0.024 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

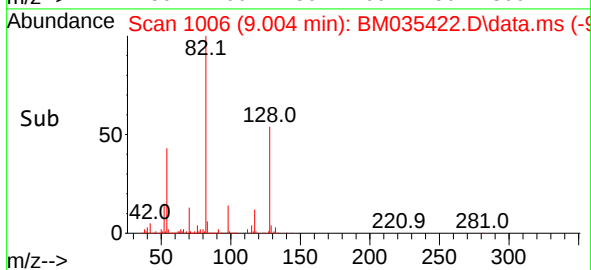
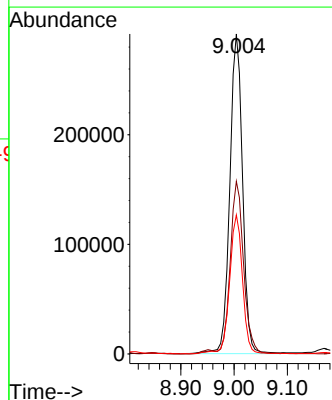
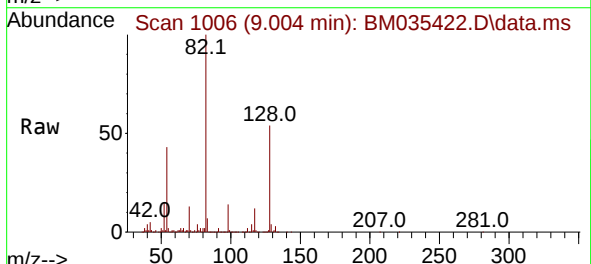
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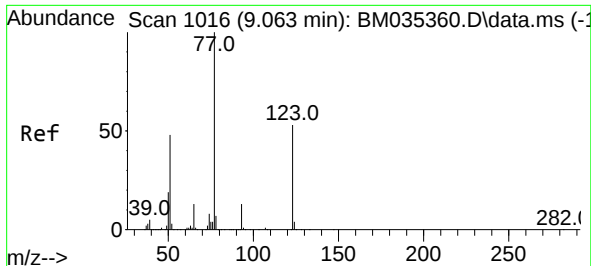
Tgt Ion:105 Resp: 164058
Ion Ratio Lower Upper
105 100
71 0.8 5.0 7.4#
51 5.9 25.6 38.4#
120 0.5 17.8 26.8#



#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

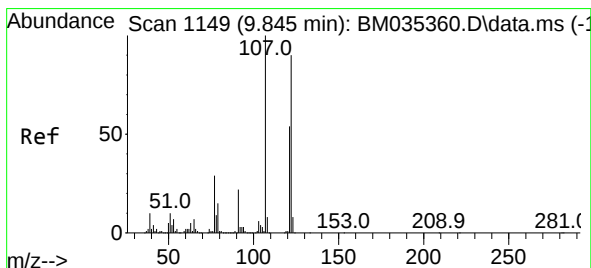
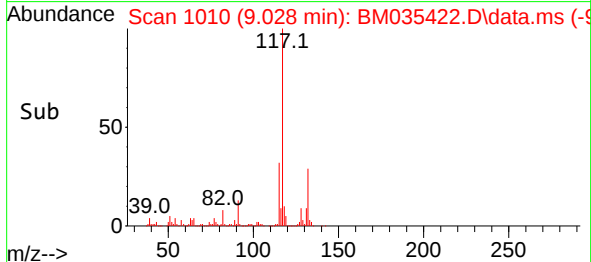
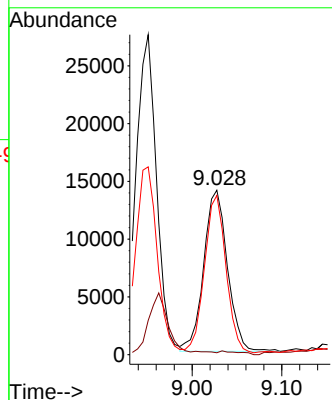
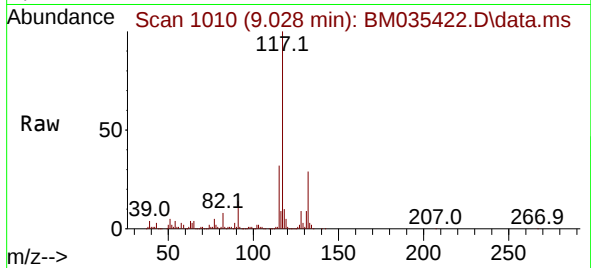




#24
Nitrobenzene
Concen: 5.232 ng
RT: 9.028 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

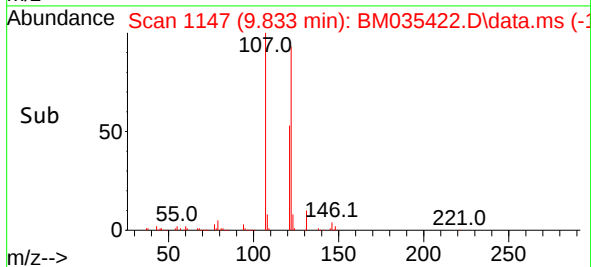
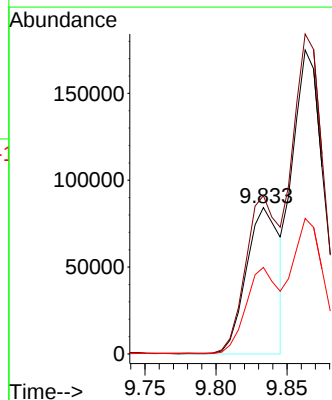
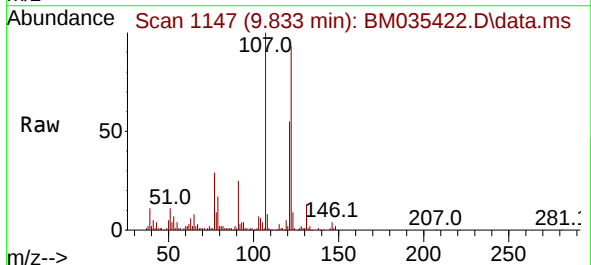
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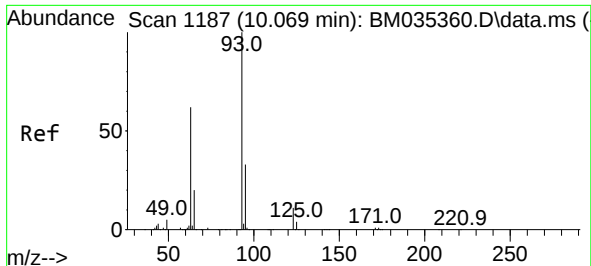
Tgt Ion: 77 Resp: 25750
Ion Ratio Lower Upper
77 100
123 1.1 36.2 54.4#
65 96.7 11.4 17.0#



#27
2,4-Dimethylphenol
Concen: 31.932 ng
RT: 9.833 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

Tgt Ion: 122 Resp: 136370
Ion Ratio Lower Upper
122 100
107 108.1 92.4 138.6
121 59.1 47.4 71.0

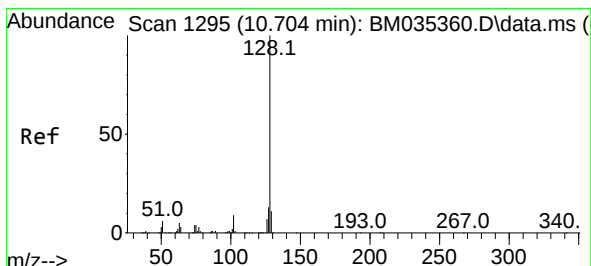
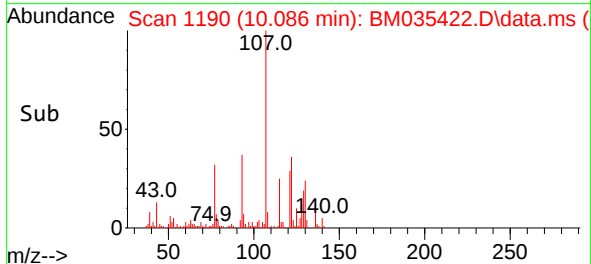
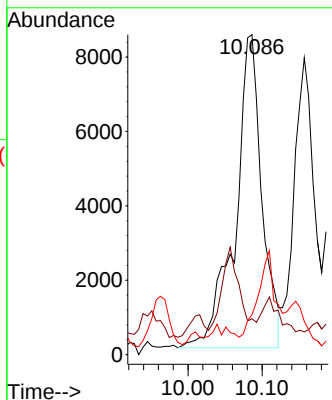
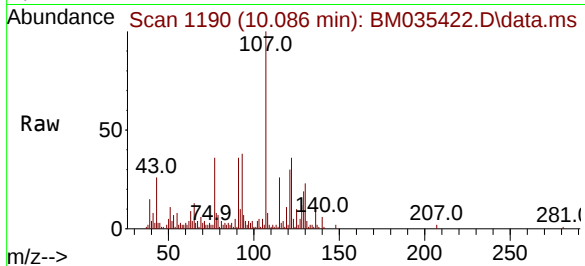




#28
bis(2-Chloroethoxy)methane
Concen: 3.246 ng
RT: 10.086 min Scan# 1187
Delta R.T. 0.029 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

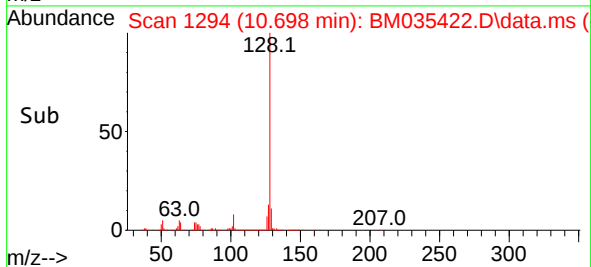
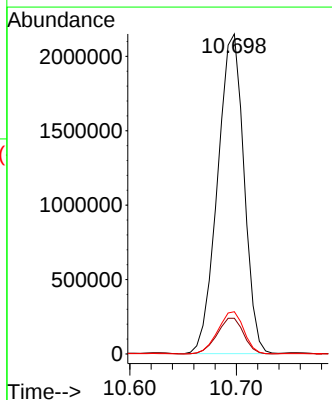
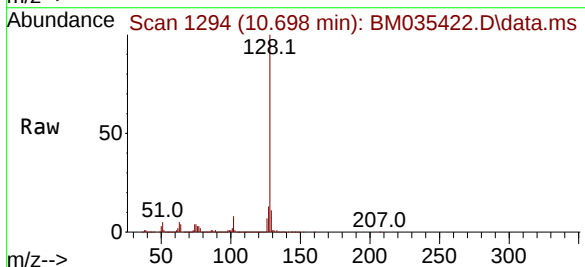
Instrument :
BNA_M
ClientSampleId :
MW-29

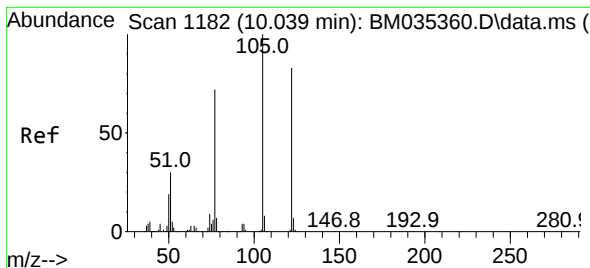
Tgt Ion: 93 Resp: 21078
Ion Ratio Lower Upper
93 100
95 11.3 26.1 39.1#
123 12.5 9.0 13.4



#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





#32

Benzoic acid

Concen: 10.186 ng

RT: 10.104 min Scan# 1182

Delta R.T. 0.088 min

Lab File: BM035422.D

Acq: 07 Jun 2022 21:33

Instrument :

BNA_M

ClientSampleId :

MW-29

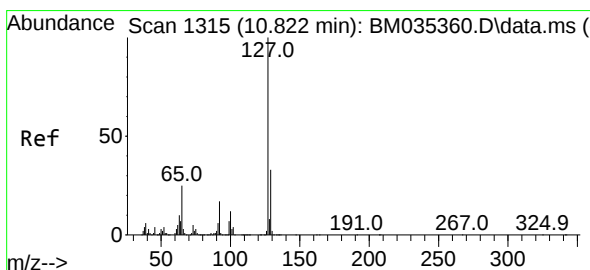
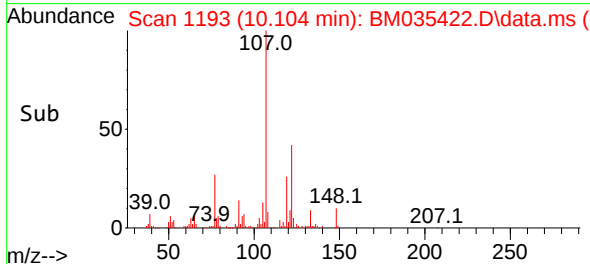
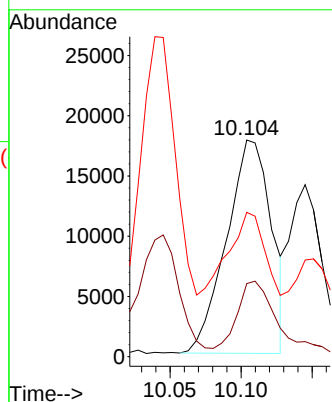
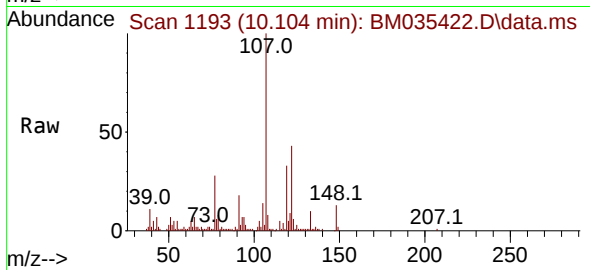
Tgt Ion:122 Resp: 38912

Ion Ratio Lower Upper

122 100

105 33.8 105.7 145.7#

77 66.6 80.0 120.0#



#33

4-Chloroaniline

Concen: 69.217 ng

RT: 10.698 min Scan# 1294

Delta R.T. -0.112 min

Lab File: BM035422.D

Acq: 07 Jun 2022 21:33

Tgt Ion:127 Resp: 484524

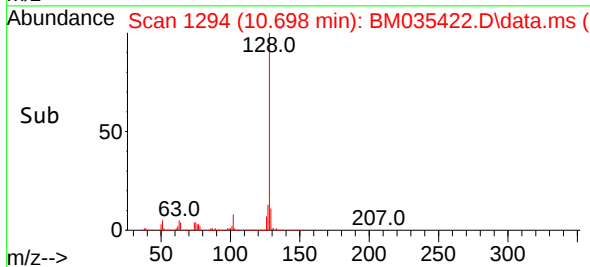
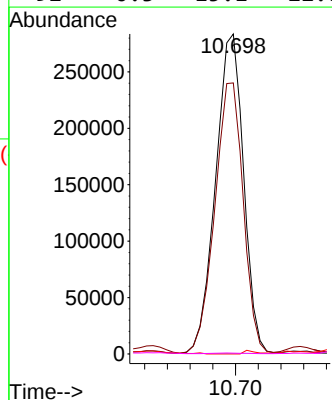
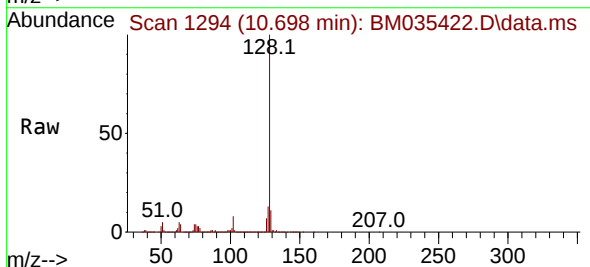
Ion Ratio Lower Upper

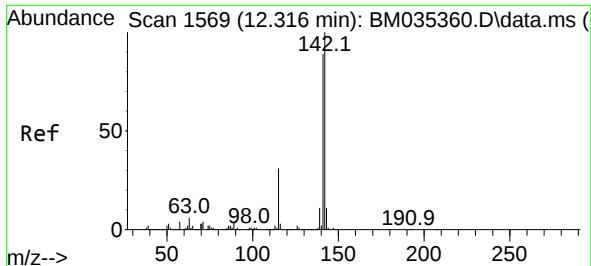
127 100

129 84.7 25.7 38.5#

65 0.0 26.6 40.0#

92 0.3 15.1 22.7#





#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 :

BNA_M

ClientSampleId :

MW-29

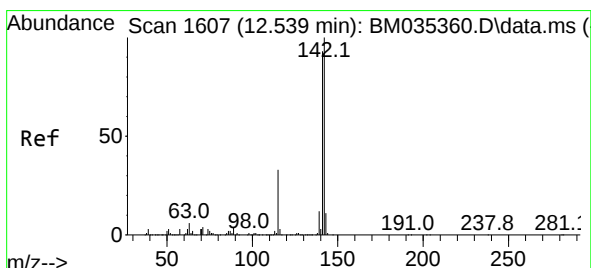
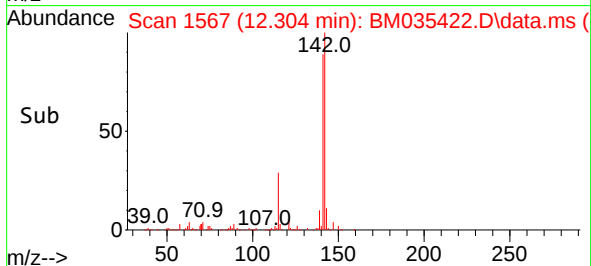
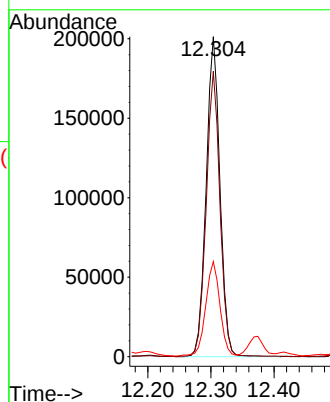
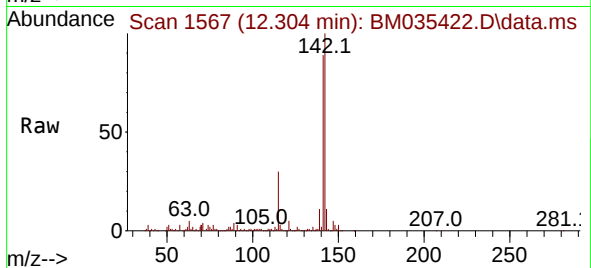
Tgt Ion:142 Resp: 304703

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6

115 29.7 29.6 44.4



#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

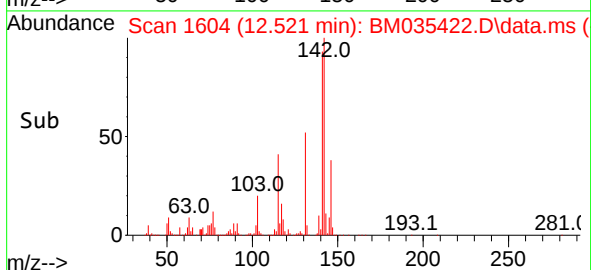
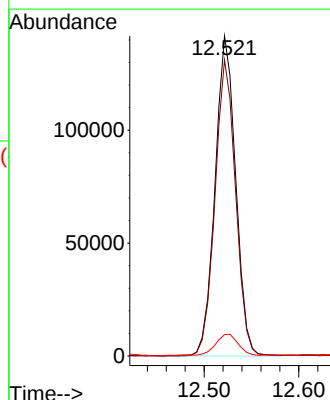
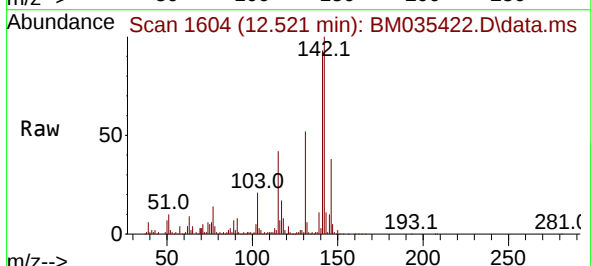
Tgt Ion:142 Resp: 214705

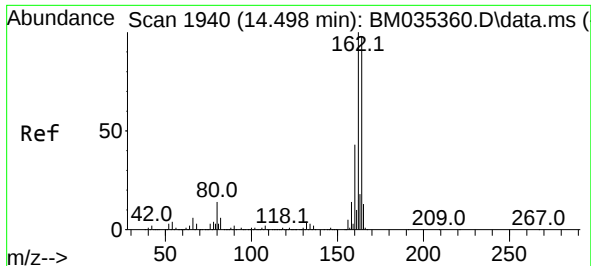
Ion Ratio Lower Upper

142 100

141 92.5 75.0 112.4

116 6.6 3.4 5.2#

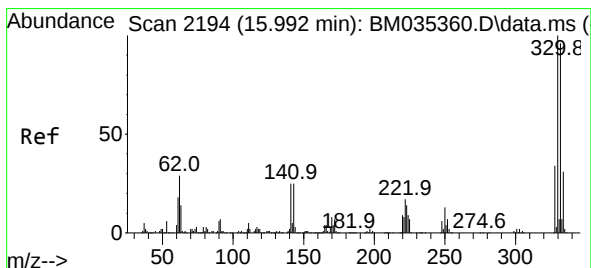
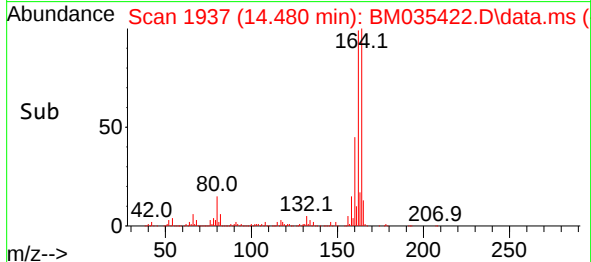
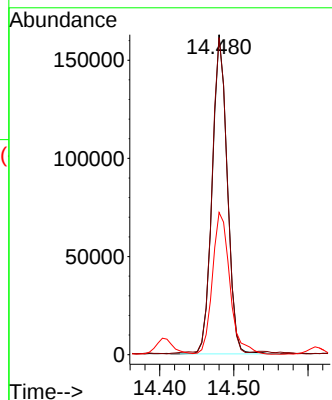
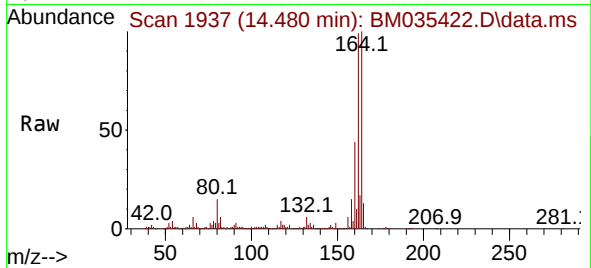




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

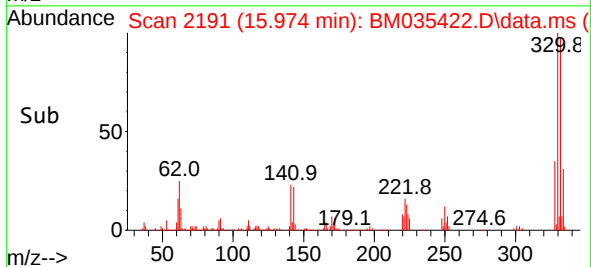
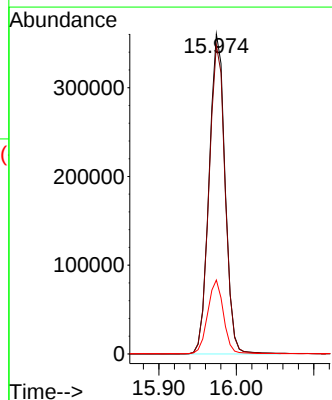
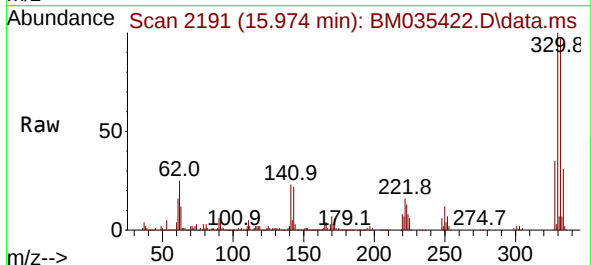
Instrument :
BNA_M
ClientSampleId :
MW-29

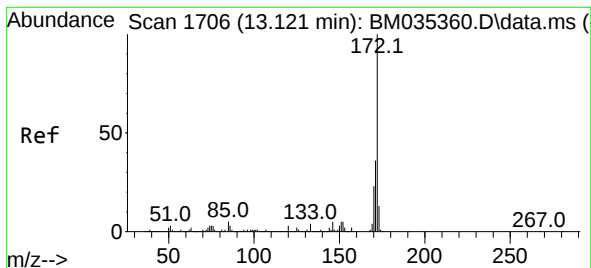
Tgt Ion:164 Resp: 229271
Ion Ratio Lower Upper
164 100
162 99.1 83.0 124.6
160 44.5 37.0 55.4



#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# 1

Delta R.T. -0.006 min

Lab File: BM035422.D

Acq: 07 Jun 2022 21:33

Instrument :

BNA_M

ClientSampleId :

MW-29

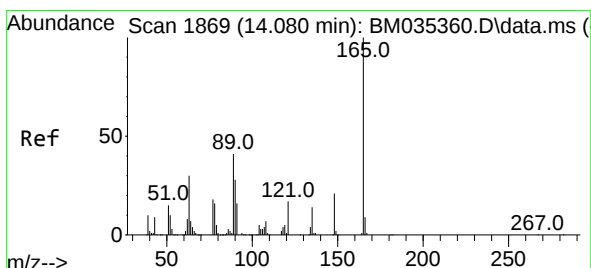
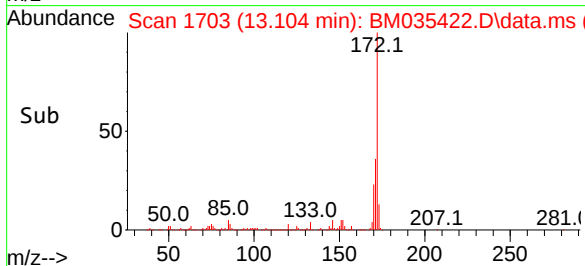
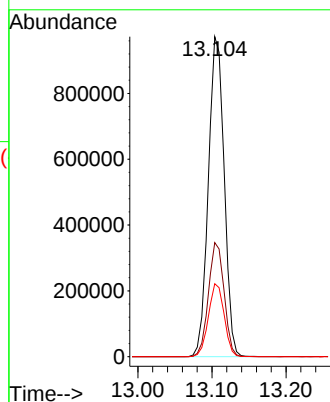
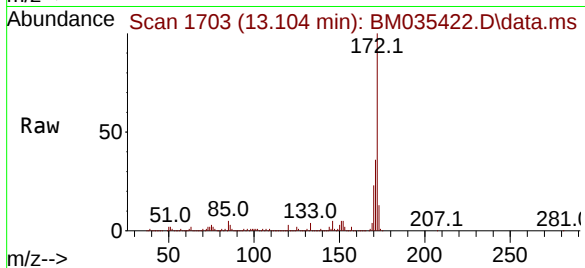
Tgt Ion:172 Resp: 1445691

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 22.8 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 2.348 ng

RT: 14.010 min Scan# 1857

Delta R.T. -0.059 min

Lab File: BM035422.D

Acq: 07 Jun 2022 21:33

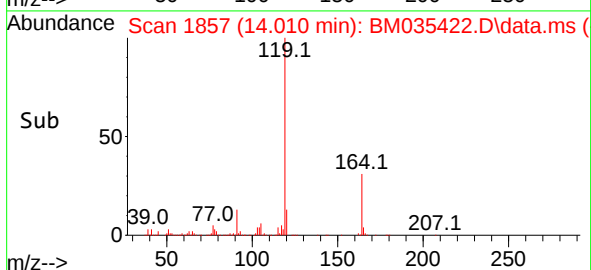
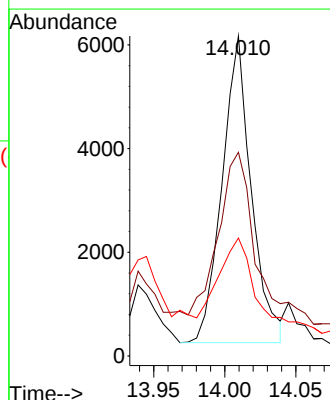
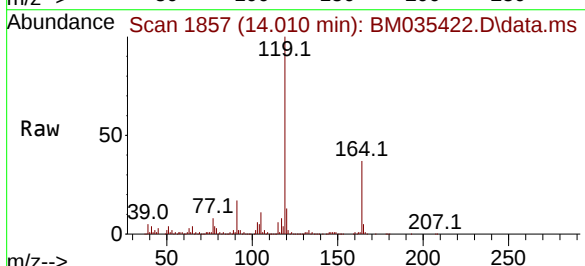
Tgt Ion:165 Resp: 8449

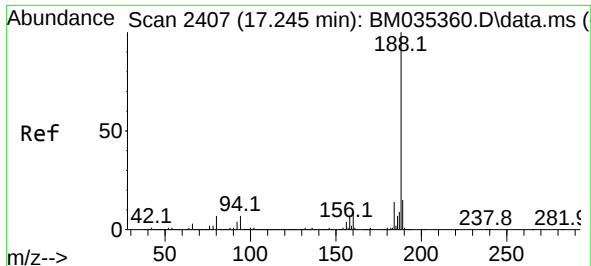
Ion Ratio Lower Upper

165 100

63 63.7 50.2 75.2

89 36.9 48.4 72.6#

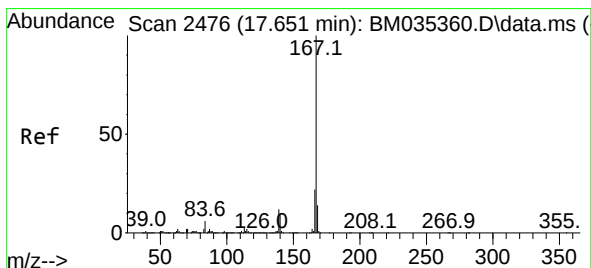
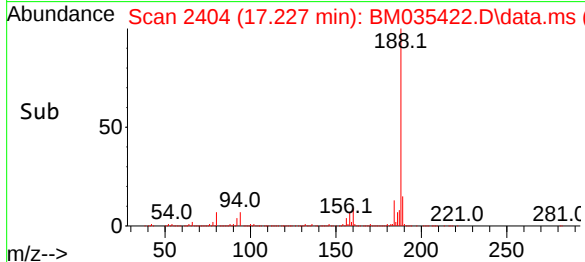
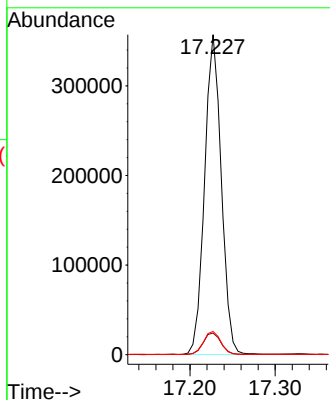
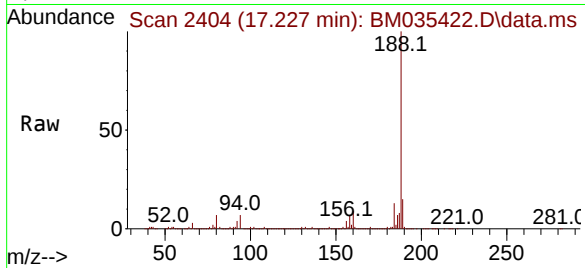




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

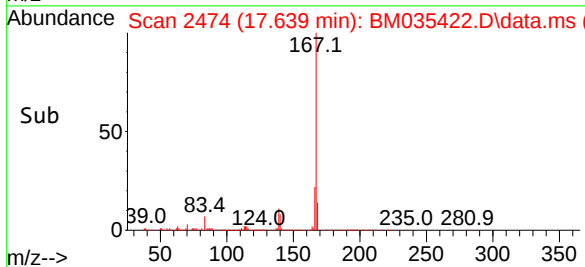
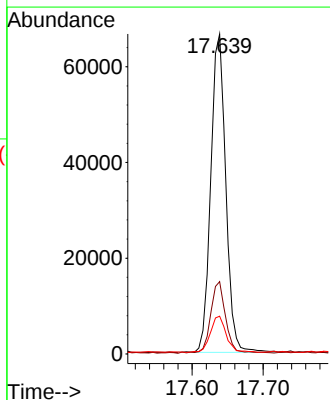
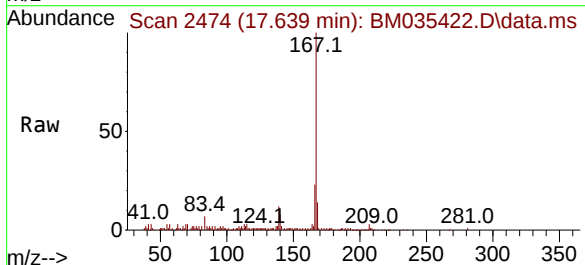
Instrument :
BNA_M
ClientSampleId :
MW-29

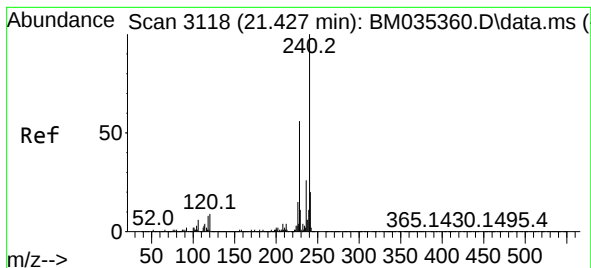
Tgt Ion:188 Resp: 484787
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.4#
80 7.2 7.6 11.4#



#73
Carbazole
Concen: 4.241 ng
RT: 17.639 min Scan# 2474
Delta R.T. -0.000 min
Lab File: BM035422.D
Acq: 07 Jun 2022 21:33

Tgt Ion:167 Resp: 97643
Ion Ratio Lower Upper
167 100
166 22.6 17.8 26.8
139 11.8 10.9 16.3





#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

Instrument :

BNA_M

ClientSampleId :

MW-29

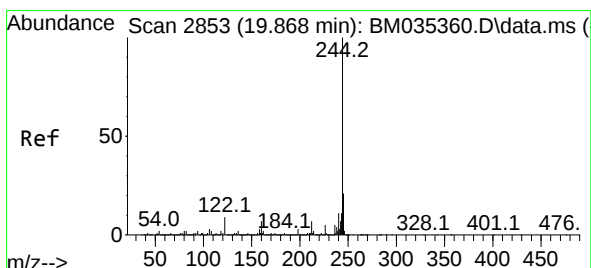
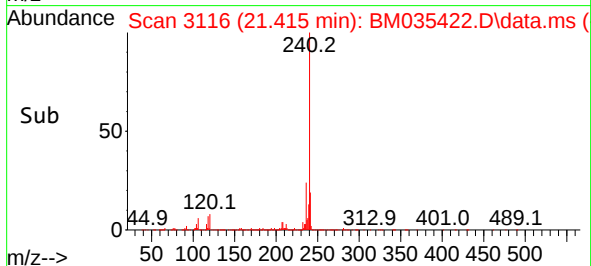
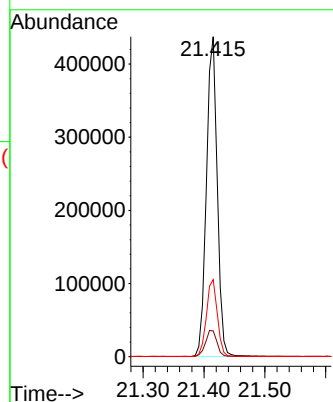
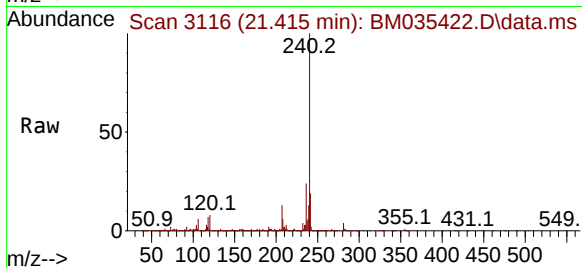
Tgt Ion:240 Resp: 540492

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# 2851

Delta R.T. -0.000 min

Lab File: BM035422.D

Acq: 07 Jun 2022 21:33

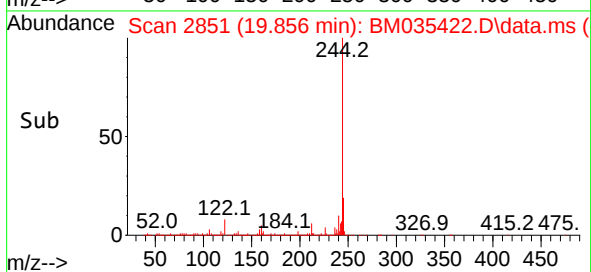
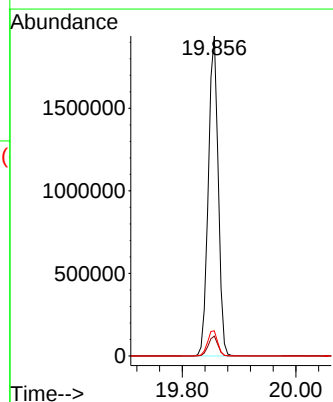
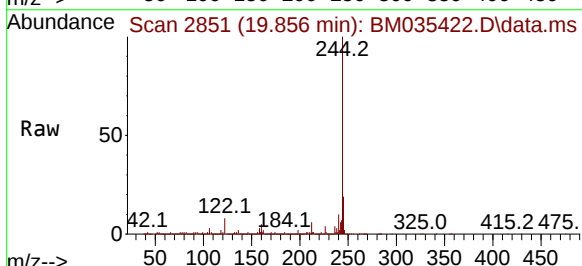
Tgt Ion:244 Resp: 2327740

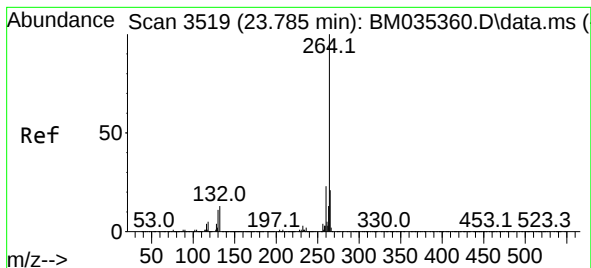
Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.4#

122 7.8 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035422.D

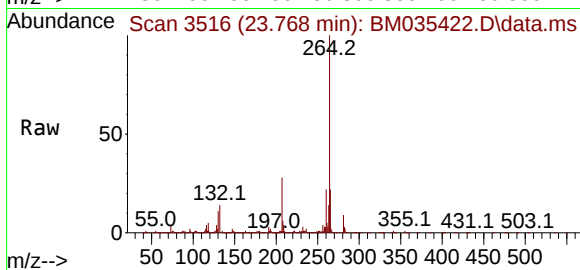
Acq: 07 Jun 2022 21:33

Instrument :

BNA_M

ClientSampleId :

MW-29



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

