

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035420.D
 Acq On : 07 Jun 2022 20:20
 Operator : CG/JU
 Sample : N3202-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

Quant Time: Jun 08 04:08:52 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)

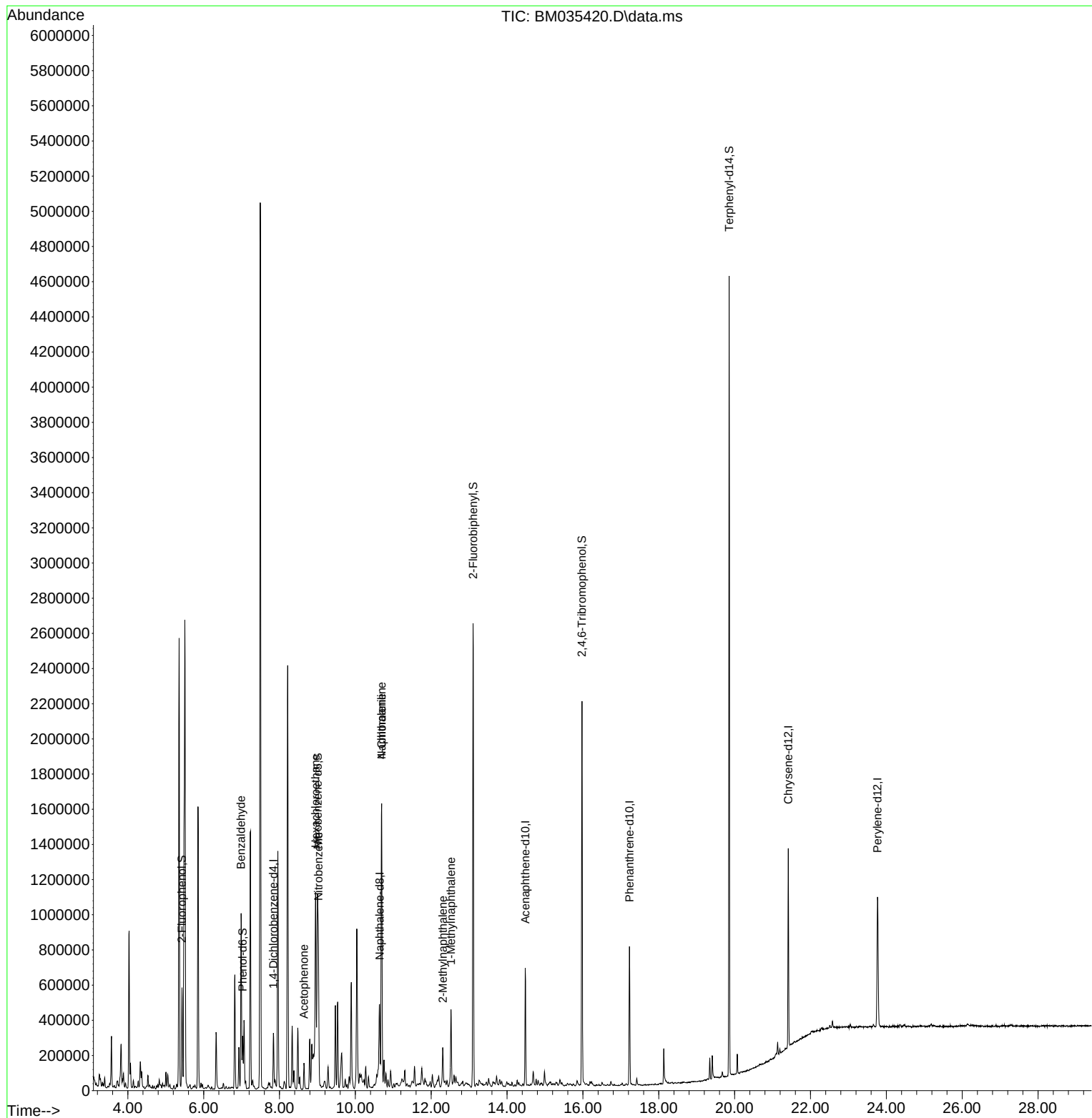
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	99648	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	368896	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	241063	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	509046	20.000	ng	# 0.00
76) Chrysene-d12	21.415	240	549811	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	607492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	282818	59.639	ng	0.00
7) Phenol-d6	7.028	99	203291	31.384	ng	0.00
23) Nitrobenzene-d5	9.004	82	477531	82.195	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	511259	132.184	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1475272	87.898	ng	0.00
79) Terphenyl-d14	19.856	244	2371058	85.917	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.987	77	65485	20.601	ng	# 1
18) Hexachloroethane	8.951	117	144708	62.180	ng	# 1
22) Acetophenone	8.645	105	103554	12.627	ng	# 54
24) Nitrobenzene	9.028	77	20824	3.957	ng	# 1
31) Naphthalene	10.692	128	1322465	73.988	ng	99
33) 4-Chloroaniline	10.692	127	172705	23.073	ng	# 33
37) 2-Methylnaphthalene	12.304	142	89856	6.662	ng	95
38) 1-Methylnaphthalene	12.521	142	187255	14.167	ng	99

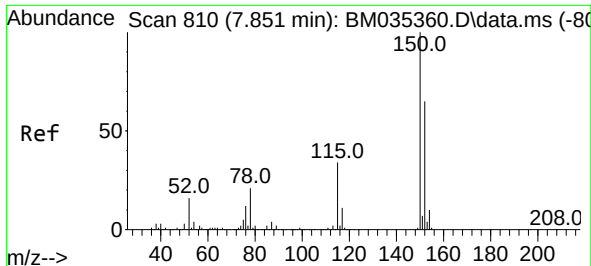
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
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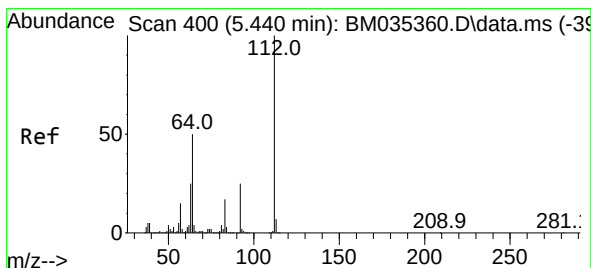
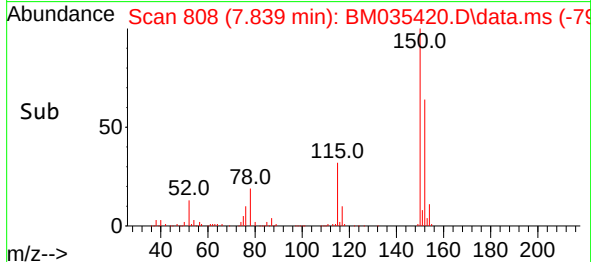
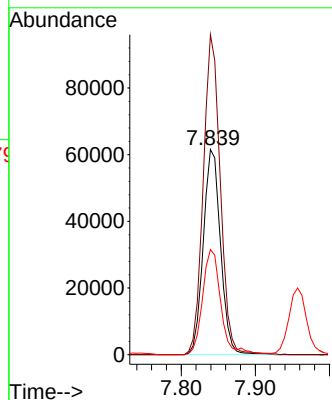
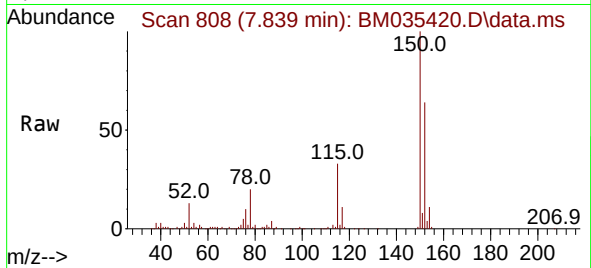




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

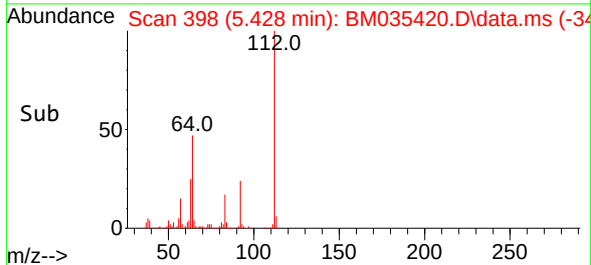
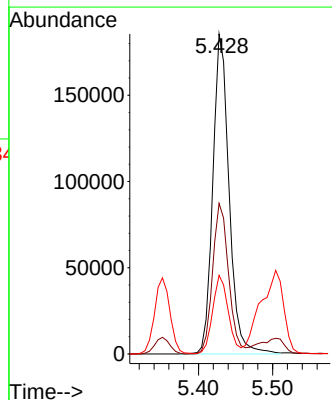
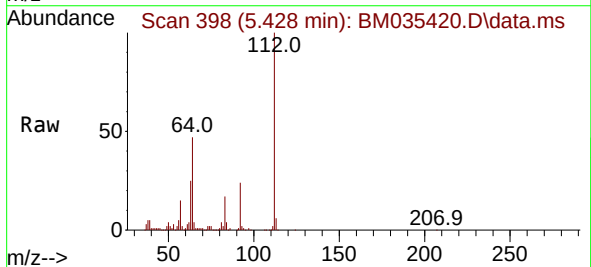
Instrument :
BNA_M
ClientSampleId :
MW-14

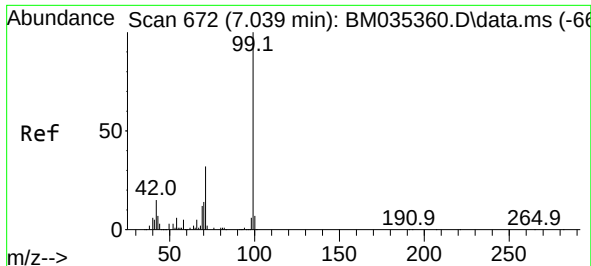
Tgt Ion:152 Resp: 99648
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 51.2 47.9 71.9



#5
2-Fluorophenol
Concen: 59.639 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion:112 Resp: 282818
Ion Ratio Lower Upper
112 100
64 47.1 47.8 71.6#
63 24.6 26.6 40.0#

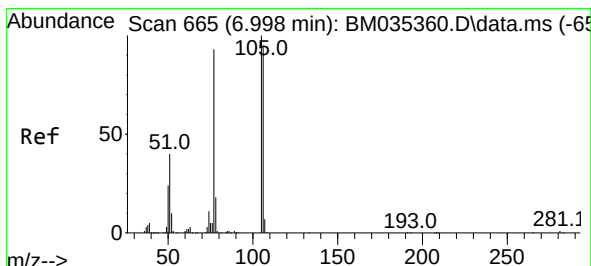
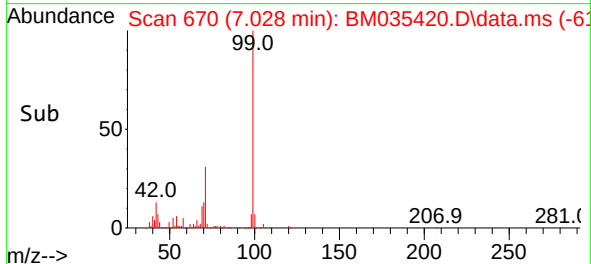
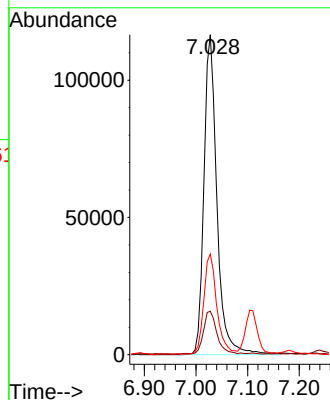
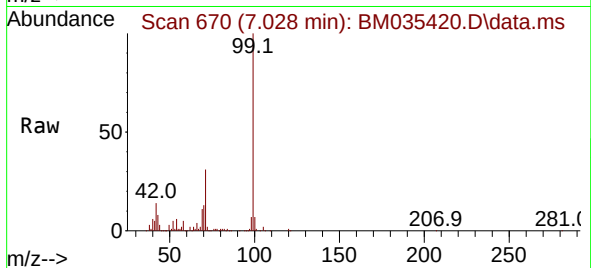




#7
Phenol-d6
Concen: 31.384 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

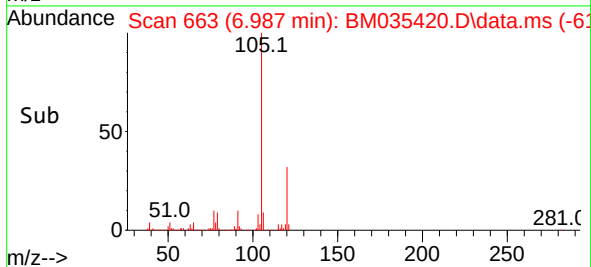
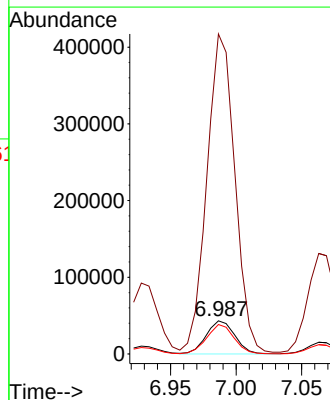
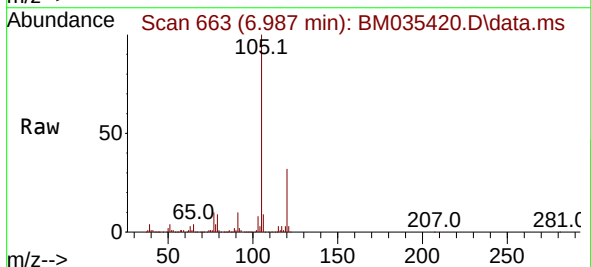
Instrument :
BNA_M
ClientSampleId :
MW-14

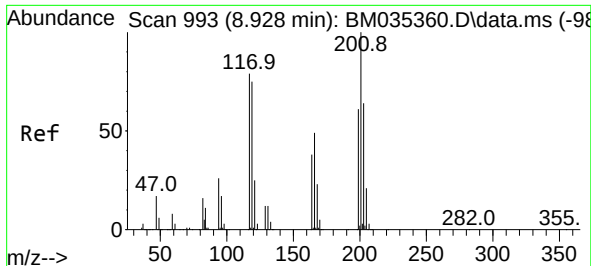
Tgt Ion: 99 Resp: 203291
Ion Ratio Lower Upper
99 100
42 13.6 18.8 28.2#
71 31.5 30.2 45.2



#9
Benzaldehyde
Concen: 20.601 ng
RT: 6.987 min Scan# 663
Delta R.T. 0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion: 77 Resp: 65485
Ion Ratio Lower Upper
77 100
105 967.7 76.3 116.3#
106 89.3 69.0 109.0

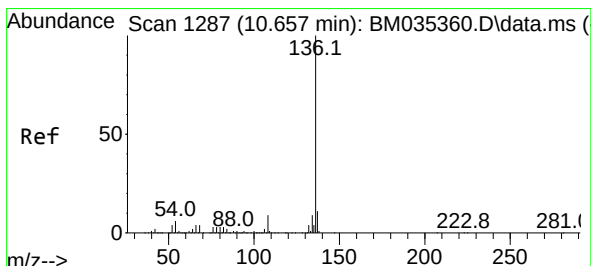
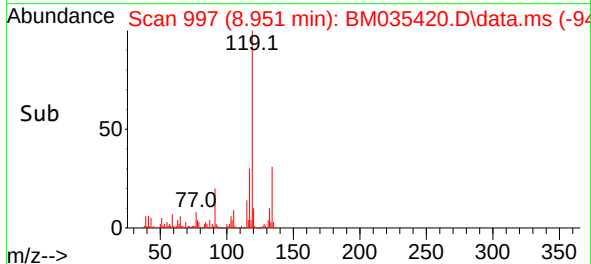
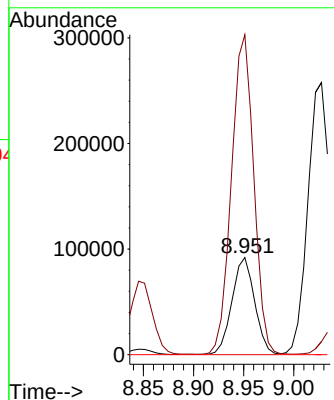
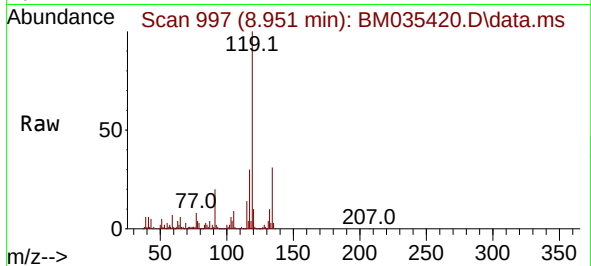




#18
Hexachloroethane
Concen: 62.180 ng
RT: 8.951 min Scan# 997
Delta R.T. 0.035 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

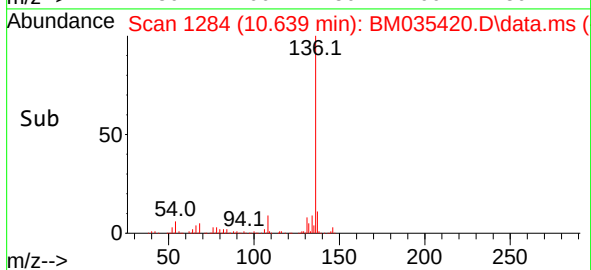
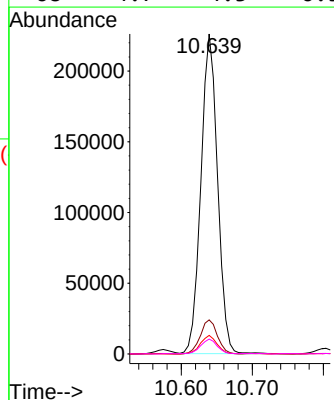
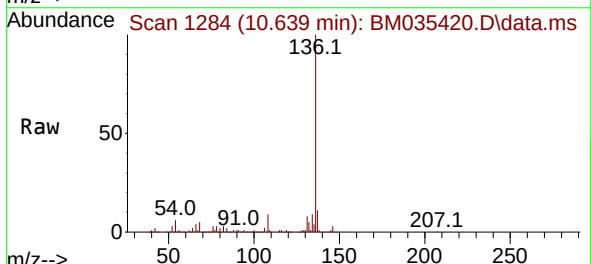
Instrument :
BNA_M
ClientSampleId :
MW-14

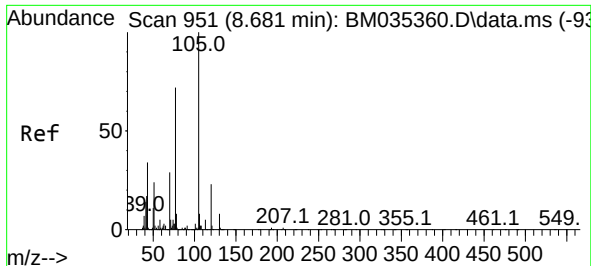
Tgt Ion:117 Resp: 144708
Ion Ratio Lower Upper
117 100
119 329.7 75.8 113.6#
201 0.0 81.0 121.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion:136 Resp: 368896
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 5.8 7.0 10.4#
68 4.7 4.3 6.5

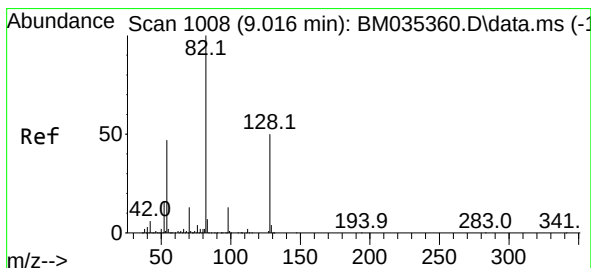
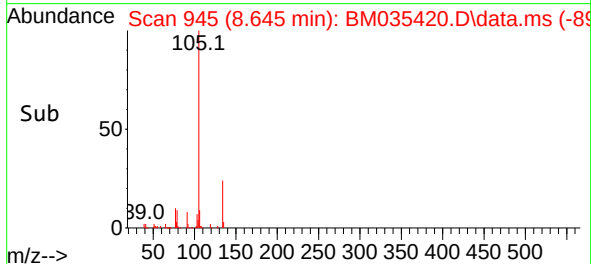
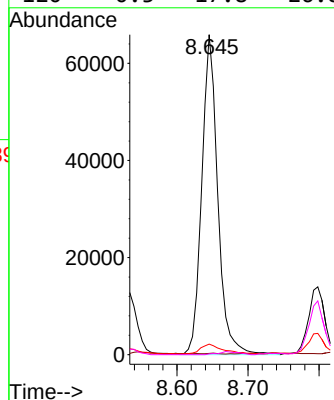
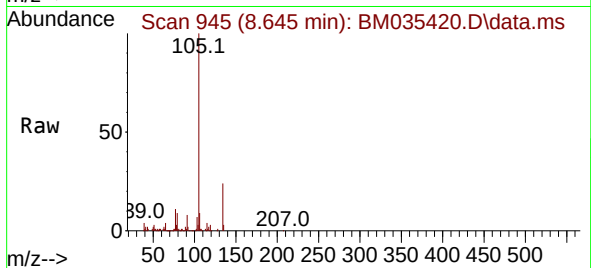




#22
Acetophenone
Concen: 12.627 ng
RT: 8.645 min Scan# 945
Delta R.T. -0.024 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

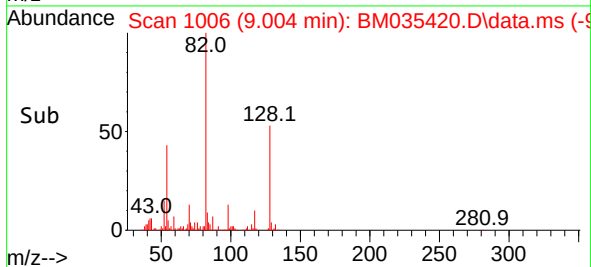
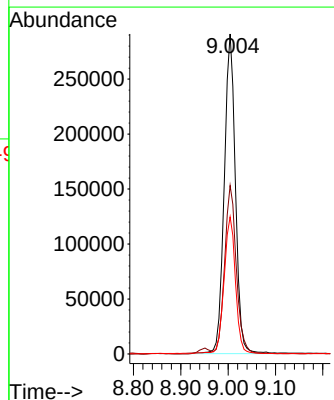
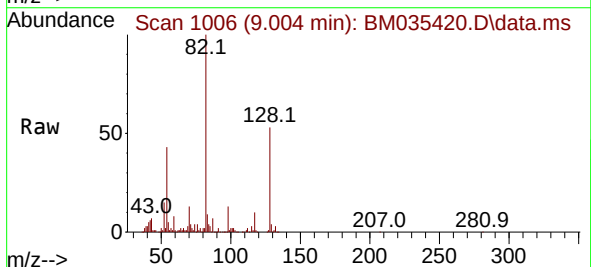
Instrument :
BNA_M
ClientSampleId :
MW-14

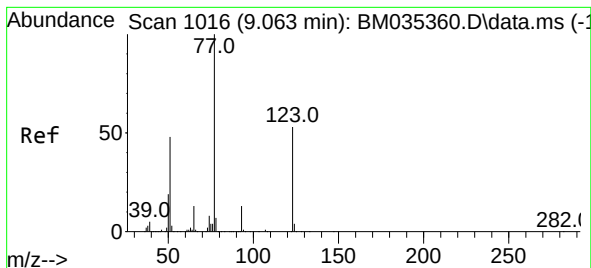
Tgt Ion:105 Resp: 103554
Ion Ratio Lower Upper
105 100
71 0.4 5.0 7.4#
51 3.3 25.6 38.4#
120 0.3 17.8 26.8#



#23
Nitrobenzene-d5
Concen: 82.195 ng
RT: 9.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion: 82 Resp: 477531
Ion Ratio Lower Upper
82 100
128 52.6 33.7 50.5#
54 42.8 43.2 64.8#





#24

Nitrobenzene

Concen: 3.957 ng

RT: 9.028 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM035420.D

Acq: 07 Jun 2022 20:20

Instrument :

BNA_M

ClientSampleId :

MW-14

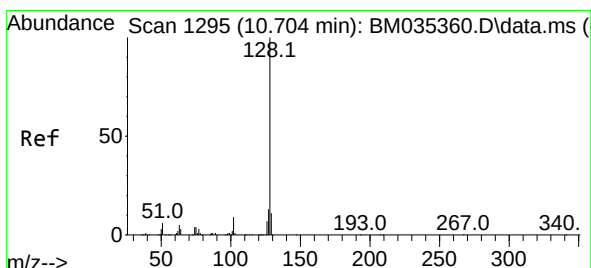
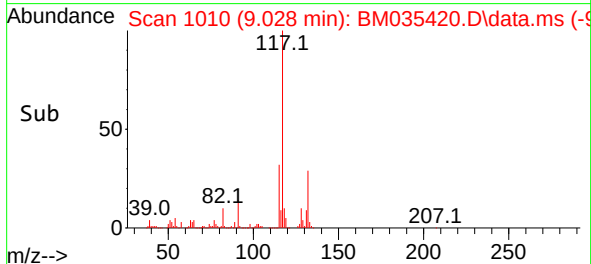
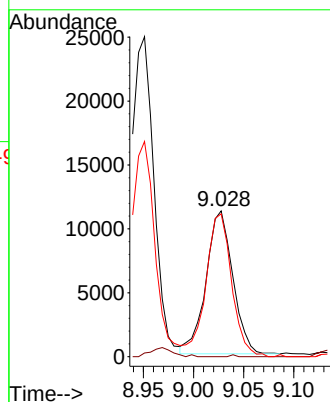
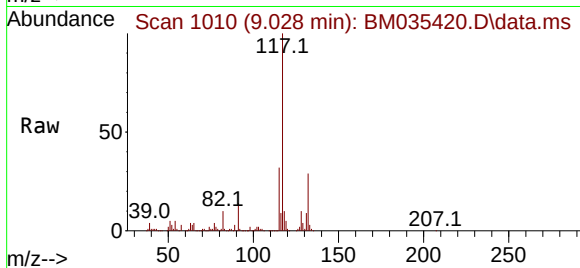
Tgt Ion: 77 Resp: 20824

Ion Ratio Lower Upper

77 100

123 0.0 36.2 54.4#

65 98.0 11.4 17.0#



#31

Naphthalene

Concen: 73.988 ng

RT: 10.692 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BM035420.D

Acq: 07 Jun 2022 20:20

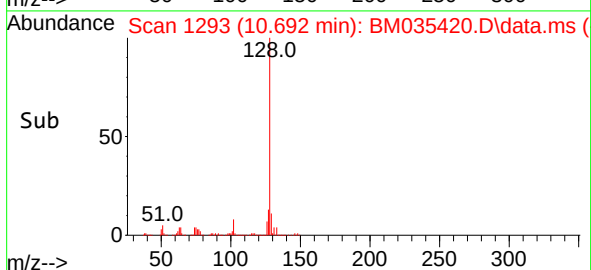
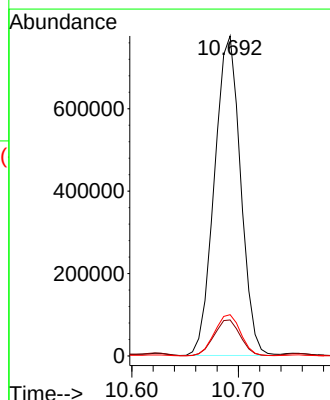
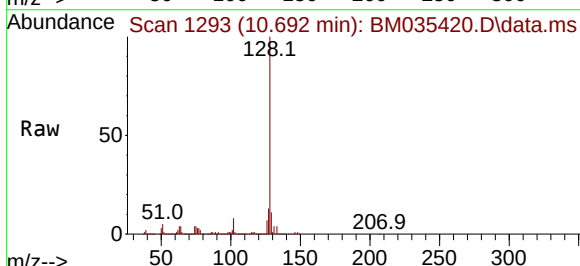
Tgt Ion:128 Resp: 1322465

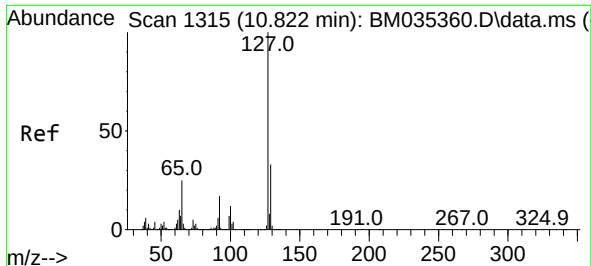
Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 12.9 10.6 16.0

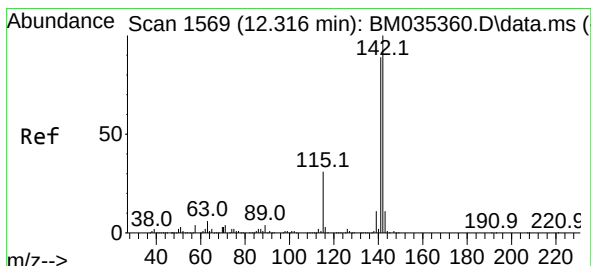
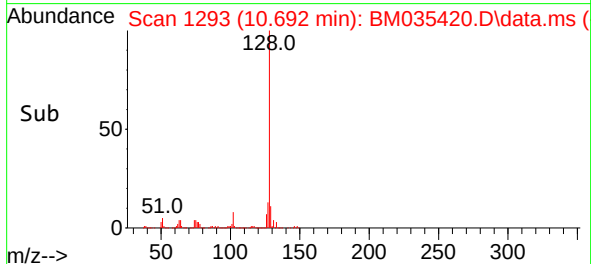
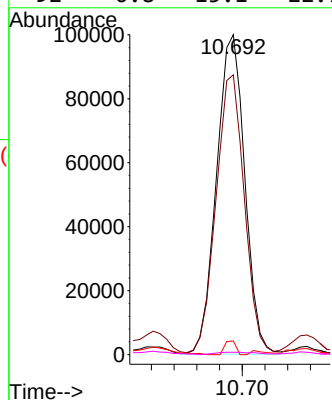
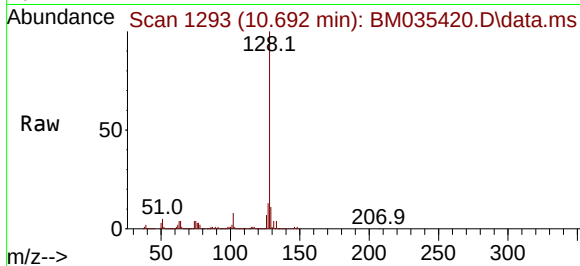




#33
4-Chloroaniline
Concen: 23.073 ng
RT: 10.692 min Scan# 1293
Delta R.T. -0.118 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

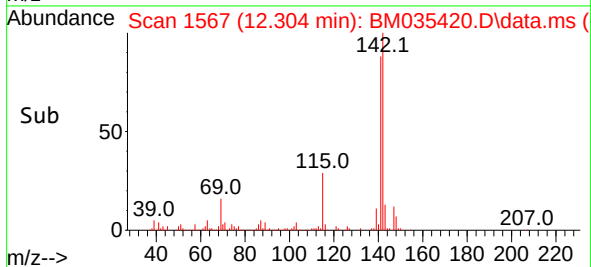
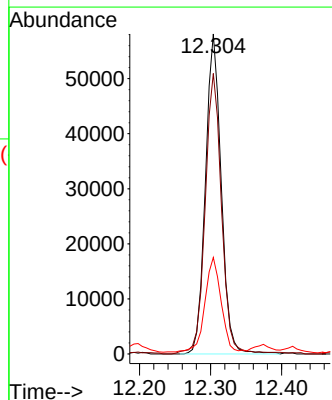
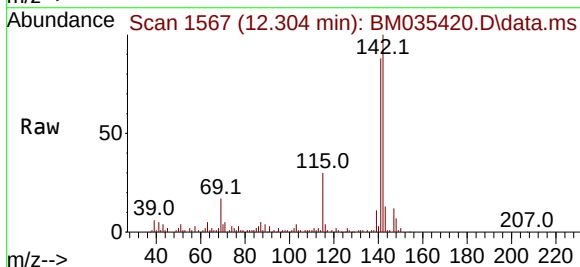
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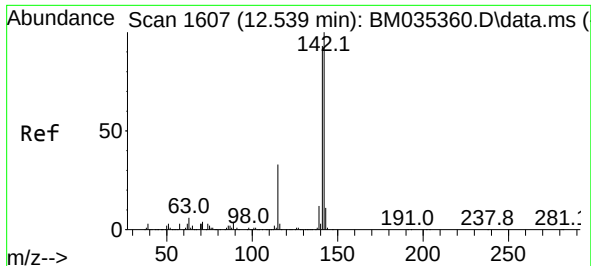
Tgt Ion:127 Resp: 172705
Ion Ratio Lower Upper
127 100
129 87.4 25.7 38.5#
65 4.3 26.6 40.0#
92 0.8 15.1 22.7#



#37
2-Methylnaphthalene
Concen: 6.662 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion:142 Resp: 89856
Ion Ratio Lower Upper
142 100
141 87.6 72.4 108.6
115 30.2 29.6 44.4

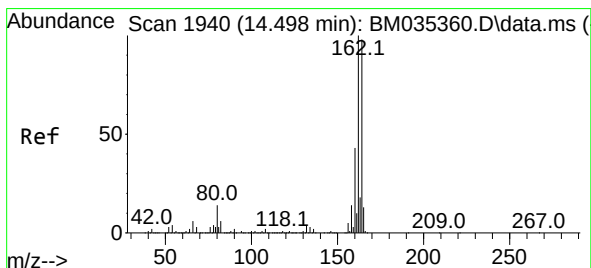
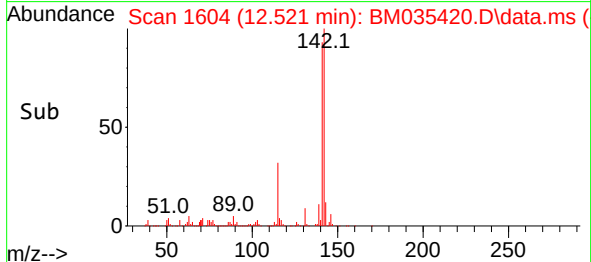
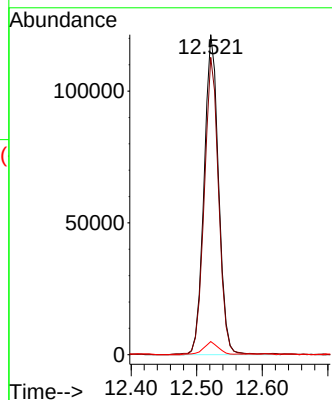
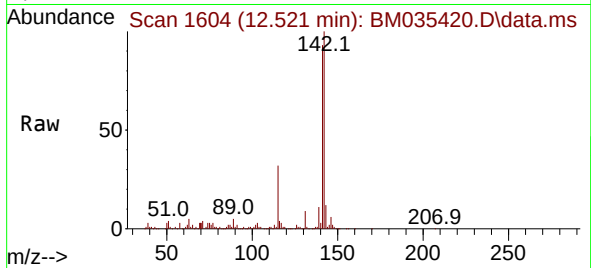




#38
1-Methylnaphthalene
Concen: 14.167 ng
RT: 12.521 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

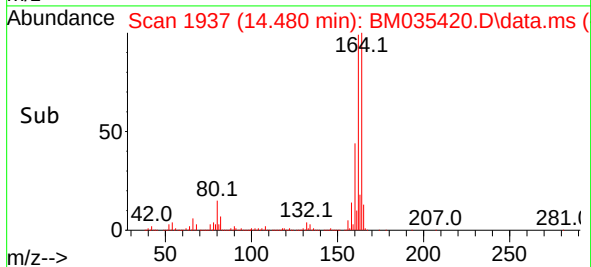
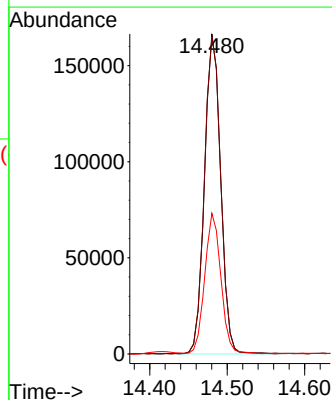
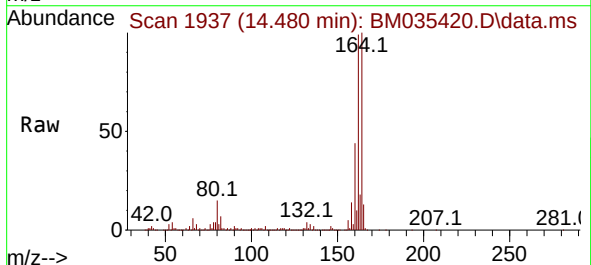
Instrument :
BNA_M
ClientSampleId :
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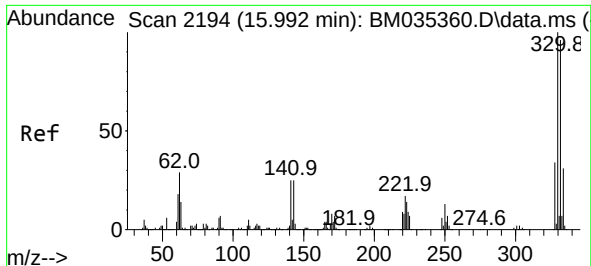
Tgt Ion:142 Resp: 187255
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4
116 4.1 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion:164 Resp: 241063
Ion Ratio Lower Upper
164 100
162 99.2 83.0 124.6
160 43.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 132.184 ng

RT: 15.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035420.D

Acq: 07 Jun 2022 20:20

Instrument :

BNA_M

ClientSampleId :

MW-14

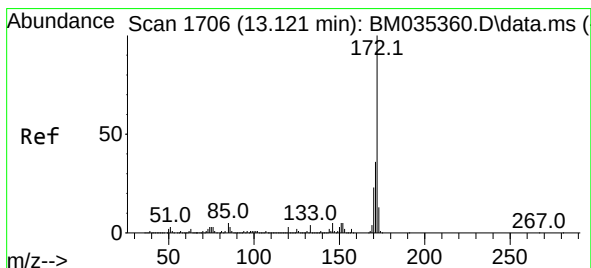
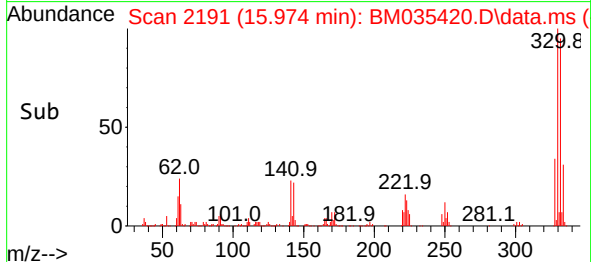
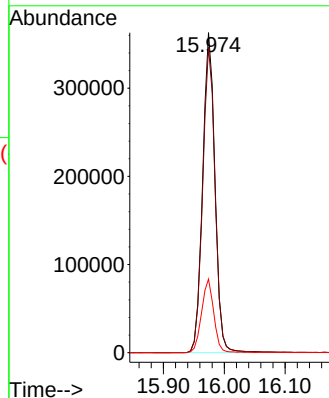
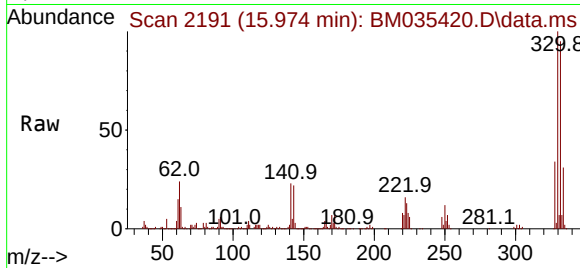
Tgt Ion:330 Resp: 511259

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 22.6 35.3 52.9#



#45

2-Fluorobiphenyl

Concen: 87.898 ng

RT: 13.104 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BM035420.D

Acq: 07 Jun 2022 20:20

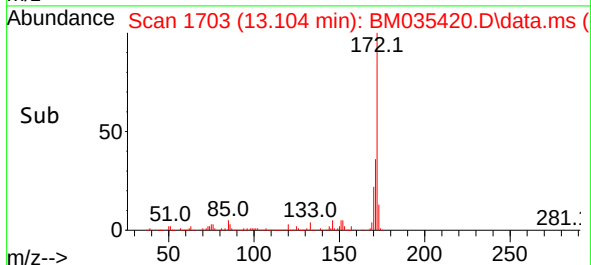
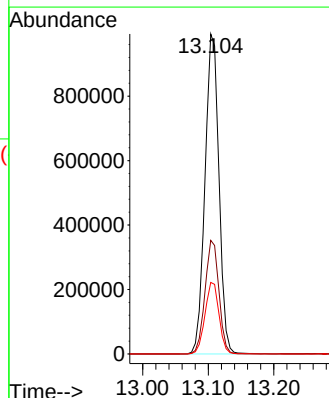
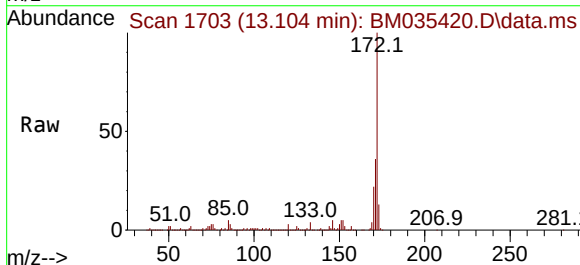
Tgt Ion:172 Resp: 1475272

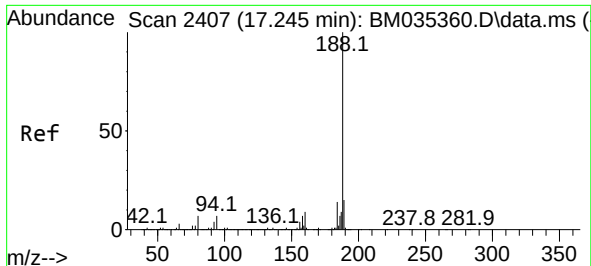
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 22.4 18.7 28.1

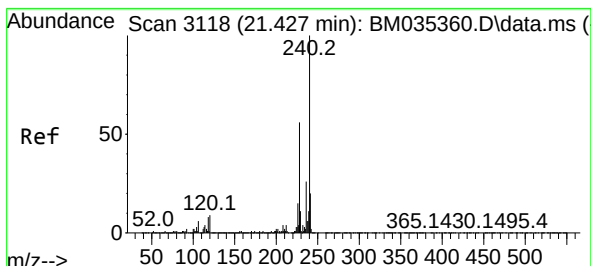
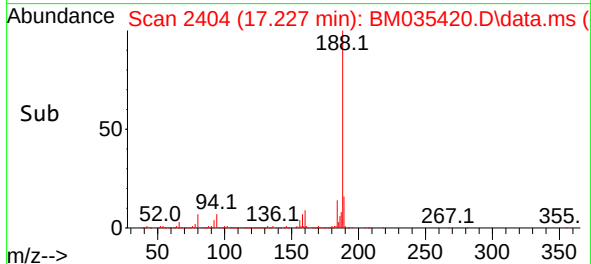
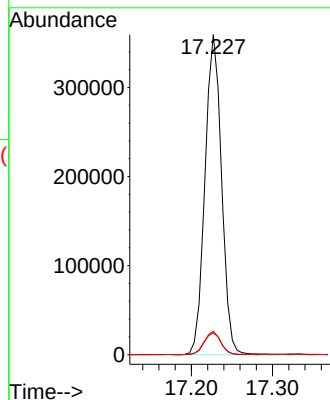
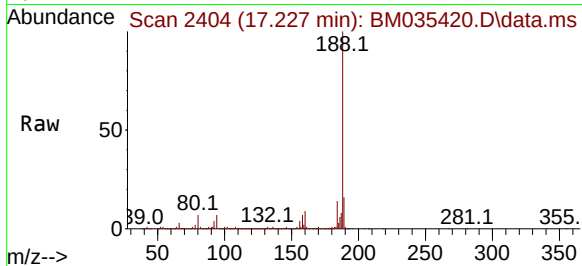




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

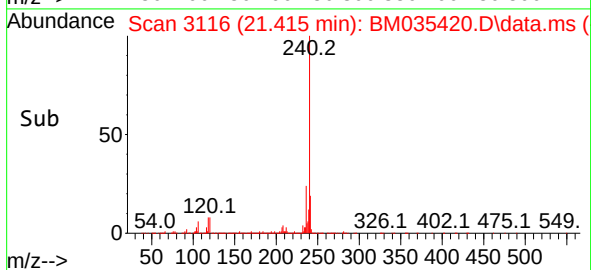
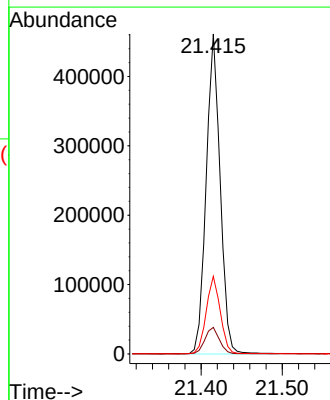
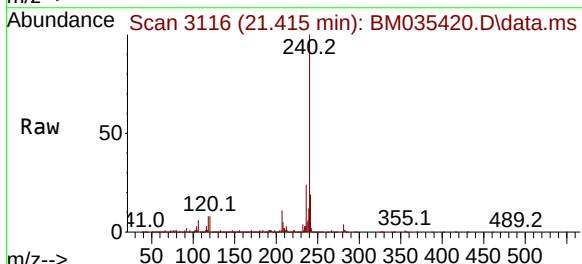
Instrument :
BNA_M
ClientSampleId :
MW-14

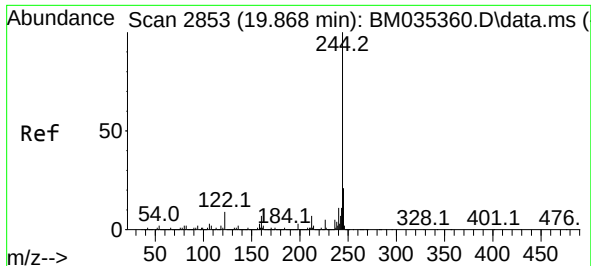
Tgt Ion:188 Resp: 509046
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.3 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM035420.D
Acq: 07 Jun 2022 20:20

Tgt Ion:240 Resp: 549811
Ion Ratio Lower Upper
240 100
120 8.3 9.4 14.0#
236 24.3 20.6 30.8

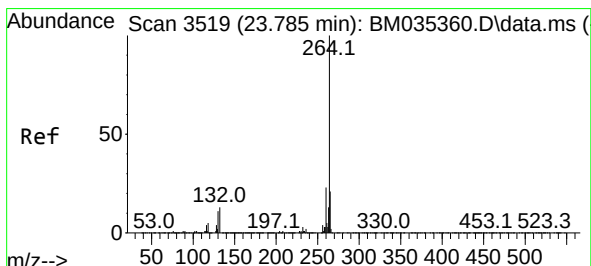
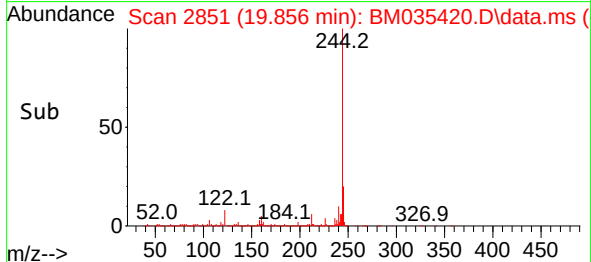
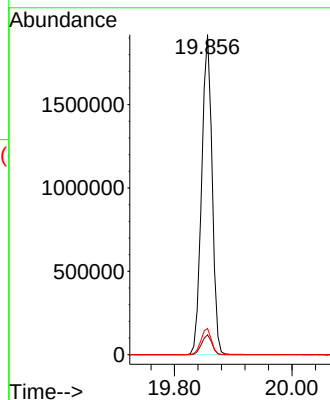
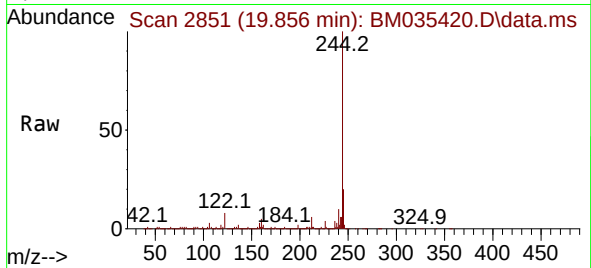




#79
 Terphenyl-d14
 Concen: 85.917 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035420.D
 Acq: 07 Jun 2022 20:20

Instrument :
 BNA_M
 ClientSampleId :
 MW-14

Tgt Ion:244 Resp: 2371058
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.4#
 122 8.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.768 min Scan# 3516
 Delta R.T. -0.006 min
 Lab File: BM035420.D
 Acq: 07 Jun 2022 20:20

Tgt Ion:264 Resp: 607492
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.9 28.3
 265 22.6 17.5 26.3

