

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

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

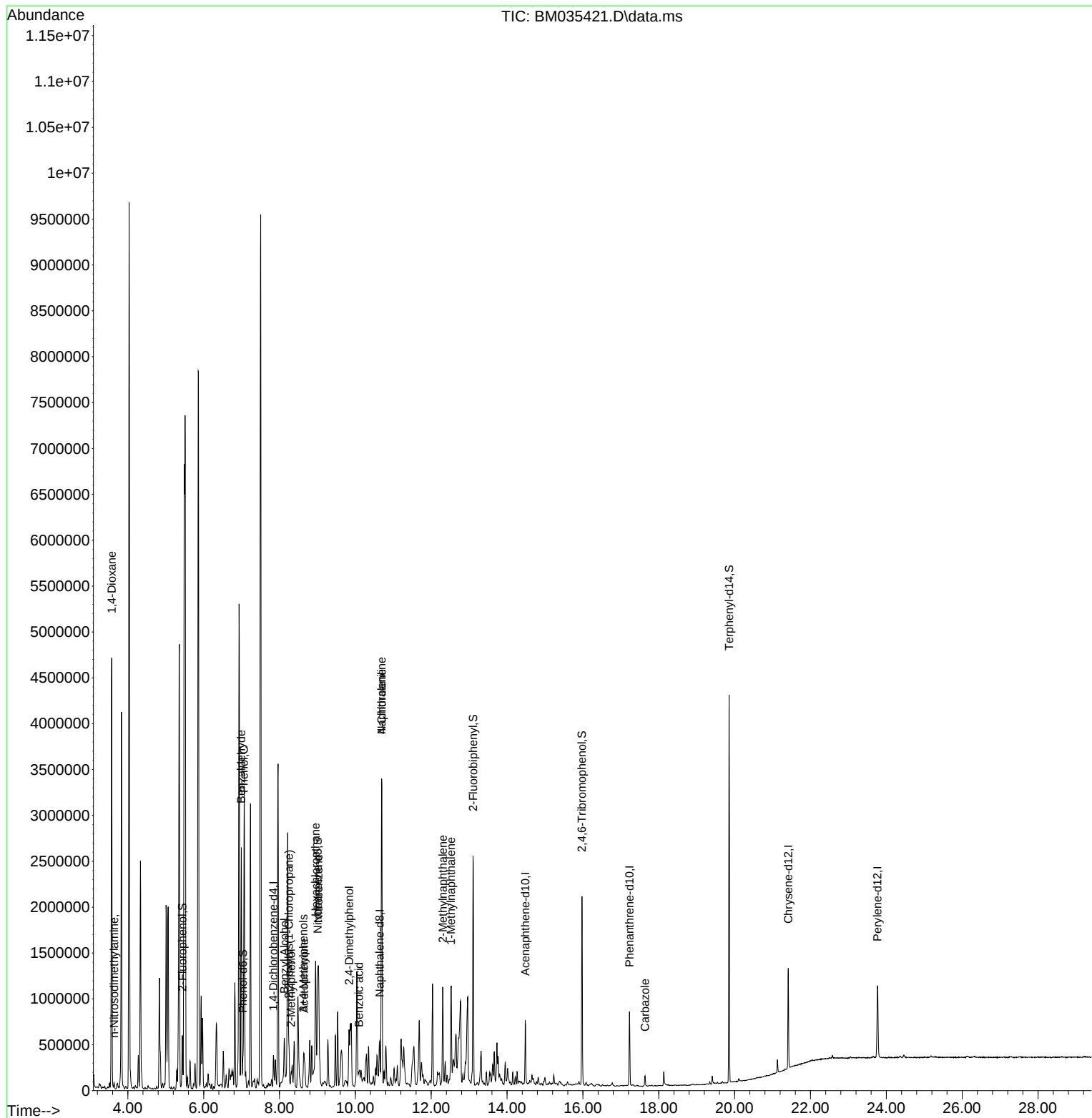
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	103335	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	387774	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	253826	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	521580	20.000	ng	# 0.00
76) Chrysene-d12	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
2) 1,4-Dioxane	3.575	88	40684	24.662	ng	# 1
4) n-Nitrosodimethylamine	3.640	42	3482	2.051	ng	# 1
9) Benzaldehyde	6.993	77	159956	65.870	ng	# 1
10) Phenol	7.063	94	24377	3.764	ng	# 1
15) Benzyl Alcohol	8.128	79	17565	3.579	ng	# 48
16) 2,2'-oxybis(1-Chloropr...	8.245	45	36992	5.760	ng	95
17) 2-Methylphenol	8.304	107	50847	10.386	ng	95
18) Hexachloroethane	8.951	117	135311	56.068	ng	# 1
20) 3+4-Methylphenols	8.634	107	114633	16.729	ng	90
22) Acetophenone	8.651	105	254723	29.548	ng	# 63
24) Nitrobenzene	9.028	77	21609	3.906	ng	# 1
27) 2,4-Dimethylphenol	9.834	122	203941	42.485	ng	97
31) Naphthalene	10.692	128	2859226	152.177	ng	99
32) Benzoic acid	10.098	122	44607	10.388	ng	# 39
33) 4-Chloroaniline	10.692	127	375251	47.691	ng	# 30
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

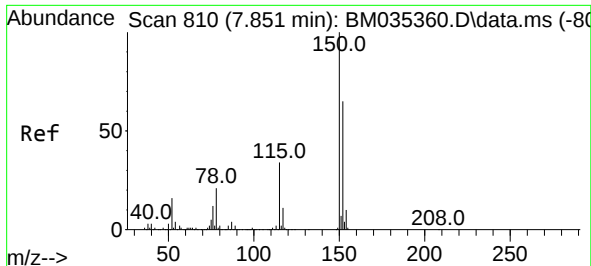
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_M
ClientSampleId :
MW-27

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

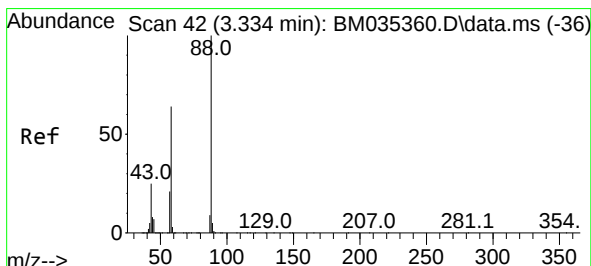
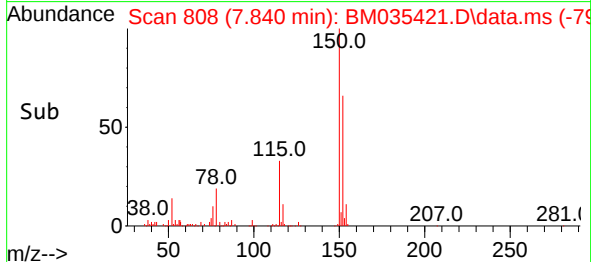
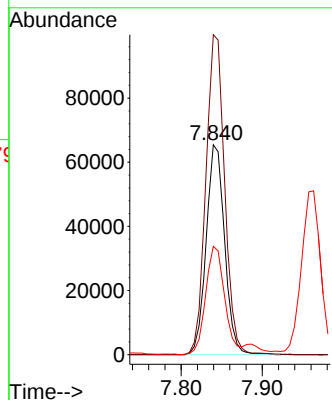
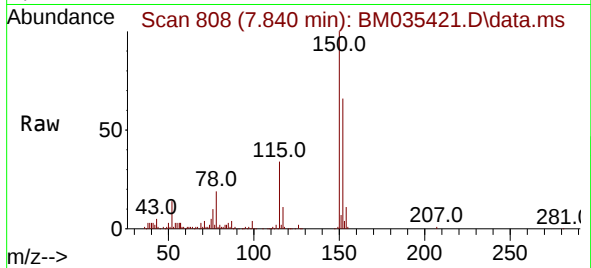




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

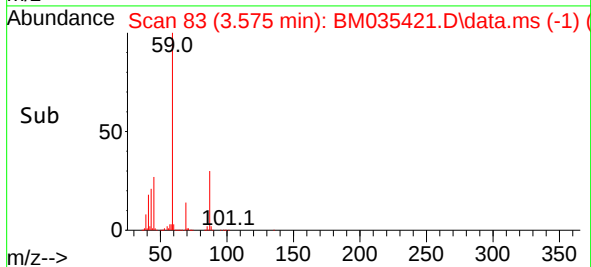
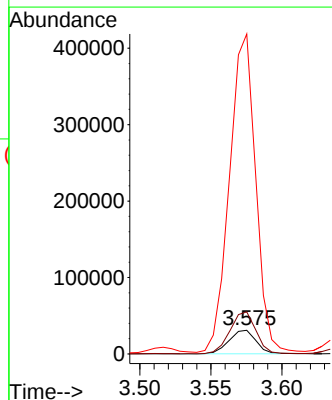
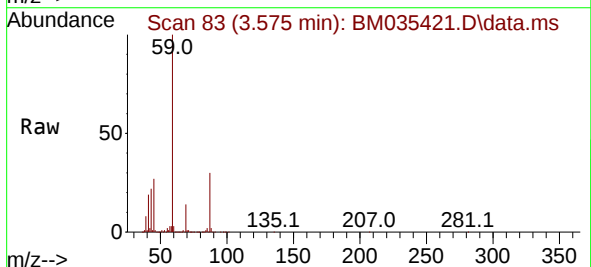
Instrument :
BNA_M
ClientSampleId :
MW-27

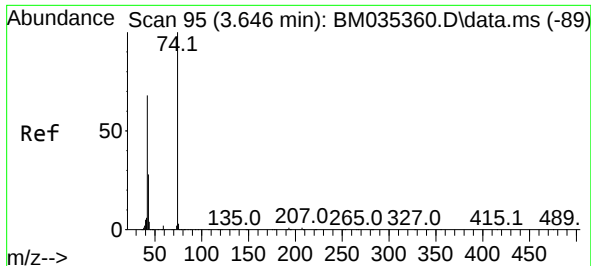
Tgt Ion:152 Resp: 103335
Ion Ratio Lower Upper
152 100
150 152.4 124.9 187.3
115 51.6 47.9 71.9



#2
1,4-Dioxane
Concen: 24.662 ng
RT: 3.575 min Scan# 83
Delta R.T. 0.253 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion: 88 Resp: 40684
Ion Ratio Lower Upper
88 100
58 171.4 62.3 93.5#
43 1308.6 28.7 43.1#

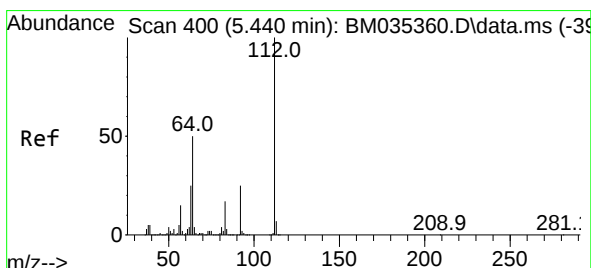
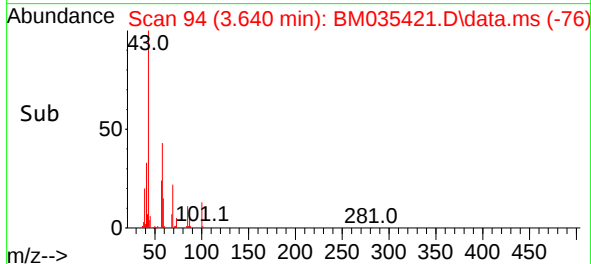
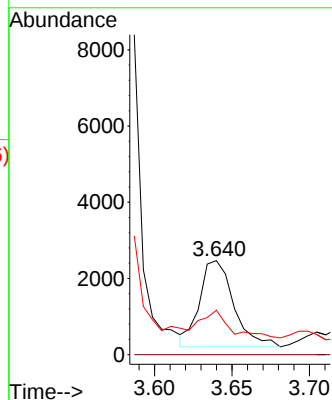
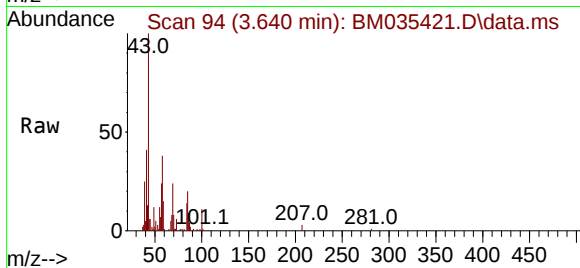




#4
 n-Nitrosodimethylamine
 Concen: 2.051 ng
 RT: 3.640 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: BM035421.D
 Acq: 07 Jun 2022 20:56

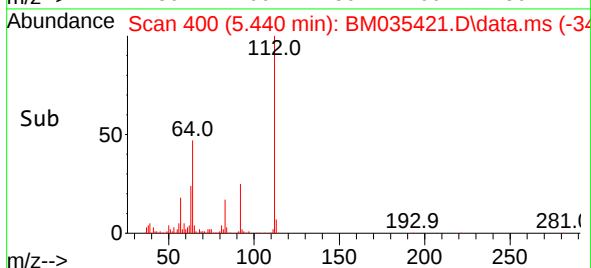
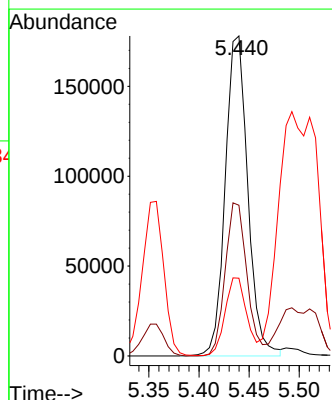
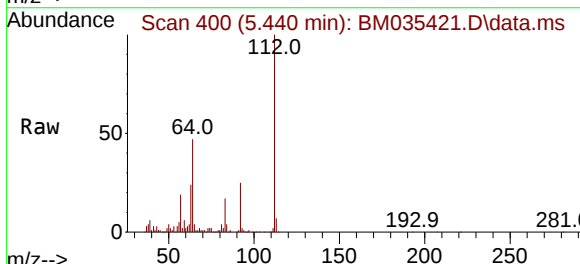
Instrument :
 BNA_M
 ClientSampleId :
 MW-27

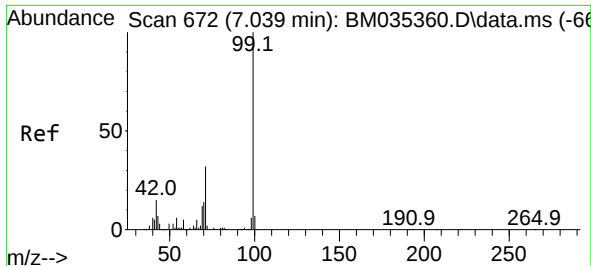
Tgt Ion: 42 Resp: 3482
 Ion Ratio Lower Upper
 42 100
 74 0.0 81.6 122.4#
 44 47.3 5.2 7.8#



#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#

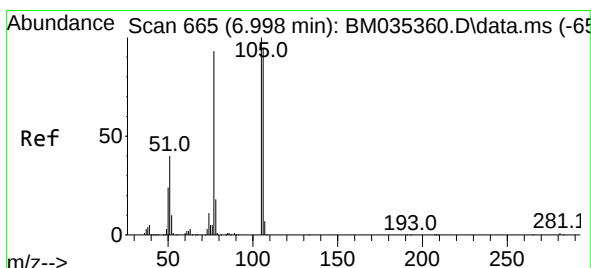
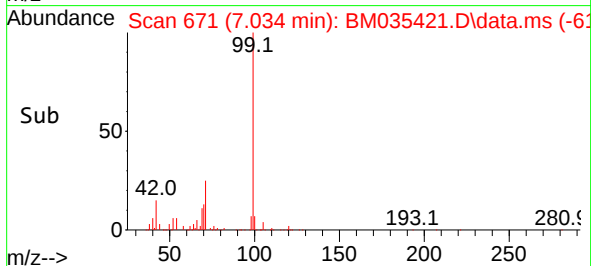
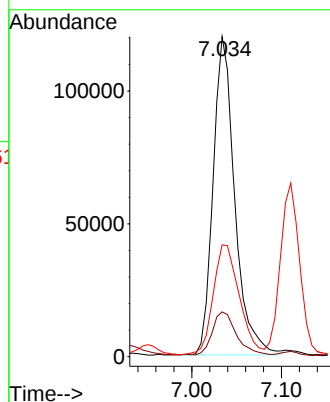
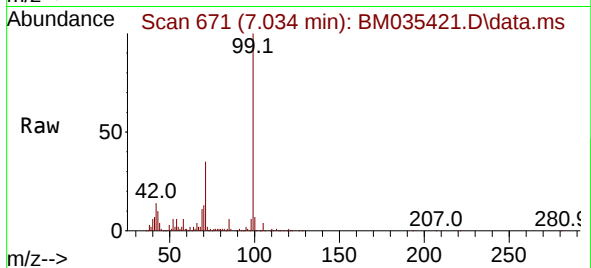




#7
Phenol-d6
Concen: 29.857 ng
RT: 7.034 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

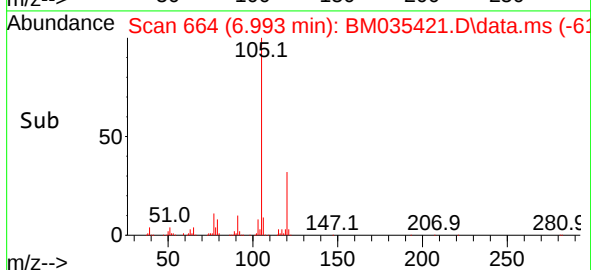
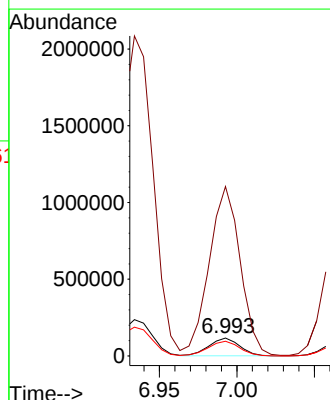
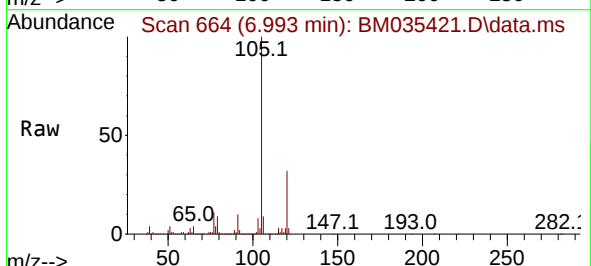
Instrument :
BNA_M
ClientSampleId :
MW-27

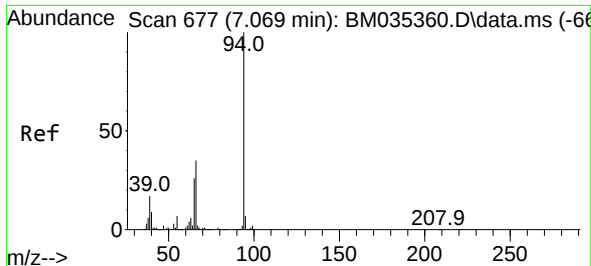
Tgt Ion: 99 Resp: 200560
Ion Ratio Lower Upper
99 100
42 14.0 18.8 28.2#
71 35.0 30.2 45.2



#9
Benzaldehyde
Concen: 65.870 ng
RT: 6.993 min Scan# 664
Delta R.T. 0.012 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion: 77 Resp: 159956
Ion Ratio Lower Upper
77 100
105 944.8 76.3 116.3#
106 82.2 69.0 109.0

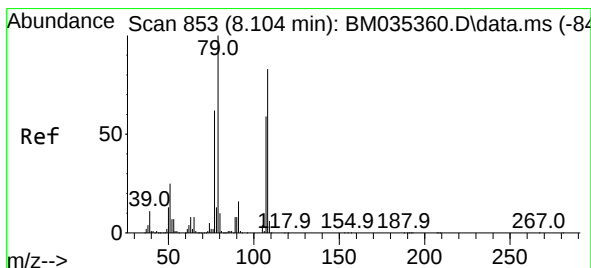
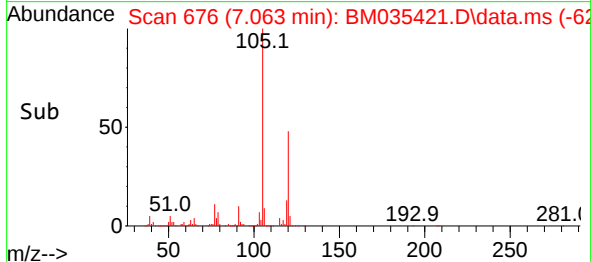
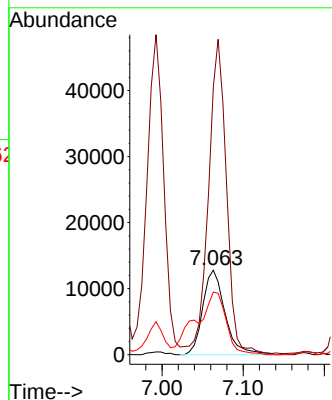
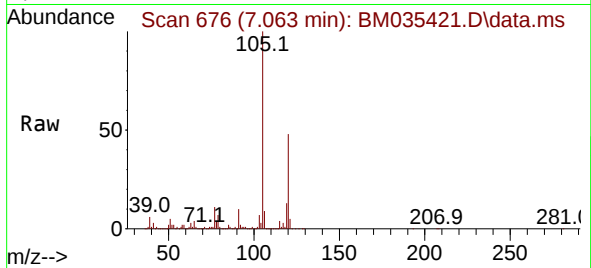




#10
Phenol
Concen: 3.764 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

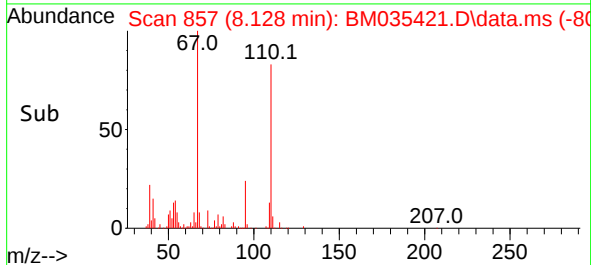
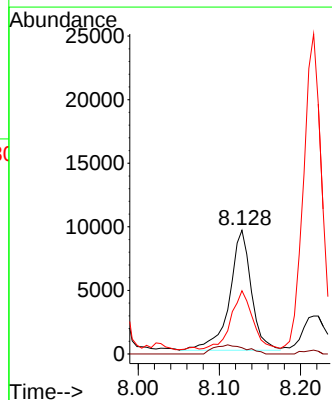
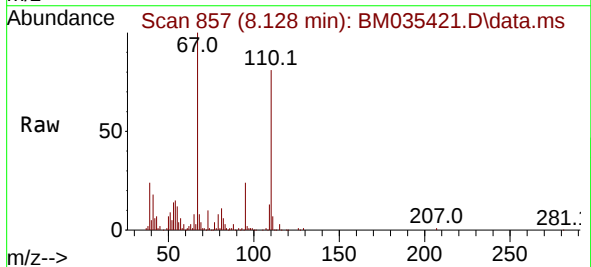
Instrument :
BNA_M
ClientSampleId :
MW-27

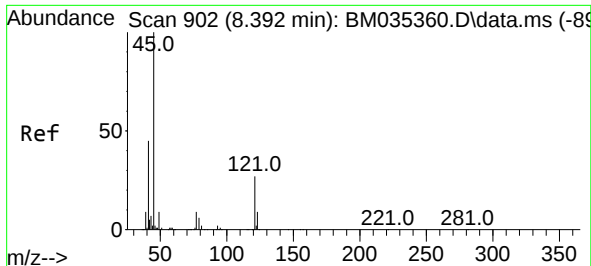
Tgt Ion: 94 Resp: 24377
Ion Ratio Lower Upper
94 100
65 316.7 11.4 51.4#
66 74.0 21.4 61.4#



#15
Benzyl Alcohol
Concen: 3.579 ng
RT: 8.128 min Scan# 857
Delta R.T. 0.035 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion: 79 Resp: 17565
Ion Ratio Lower Upper
79 100
108 5.0 59.0 88.4#
77 51.0 52.2 78.4#

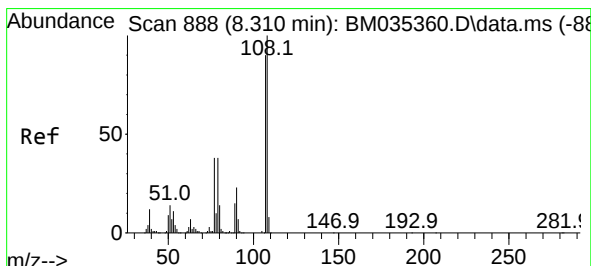
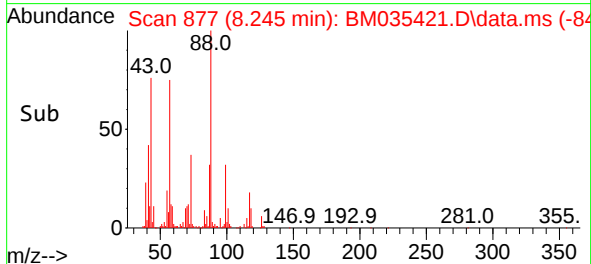
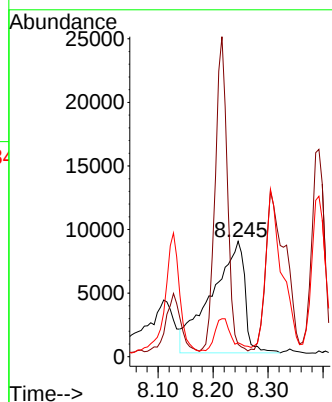
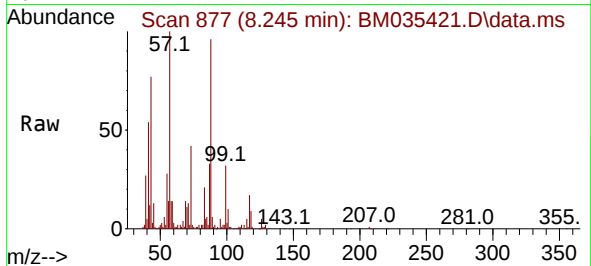




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.760 ng
RT: 8.245 min Scan# 81
Delta R.T. -0.130 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

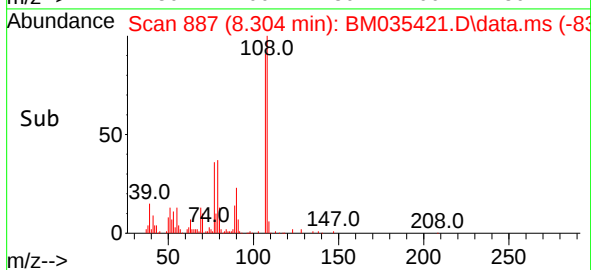
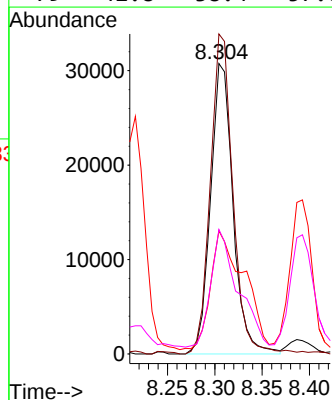
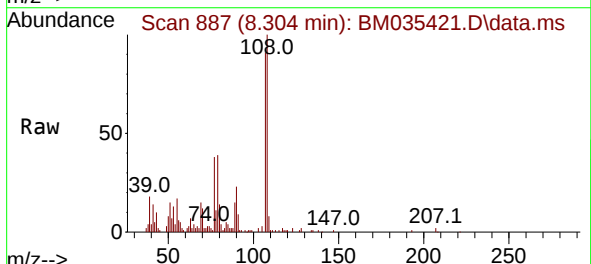
Instrument :
BNA_M
ClientSampleId :
MW-27

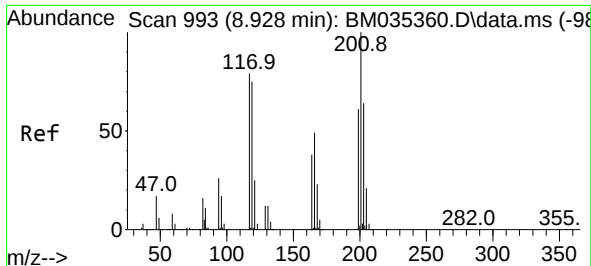
Tgt Ion: 45 Resp: 36992
Ion Ratio Lower Upper
45 100
77 10.7 0.0 33.1
79 12.1 0.0 30.5



#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

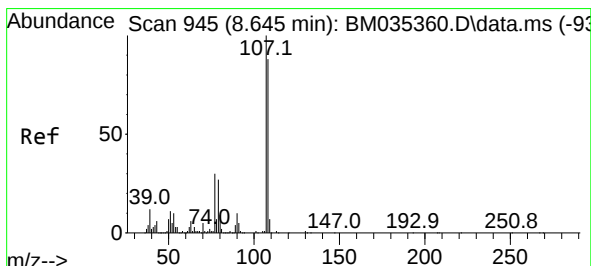
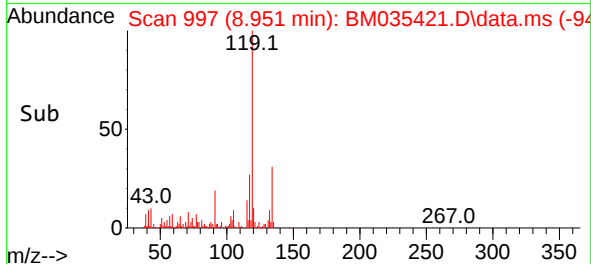
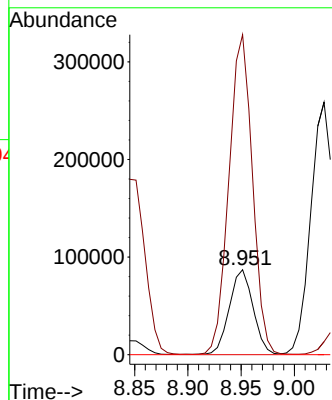
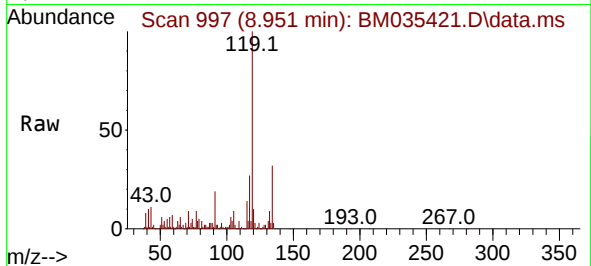




#18
Hexachloroethane
Concen: 56.068 ng
RT: 8.951 min Scan# 993
Delta R.T. 0.035 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

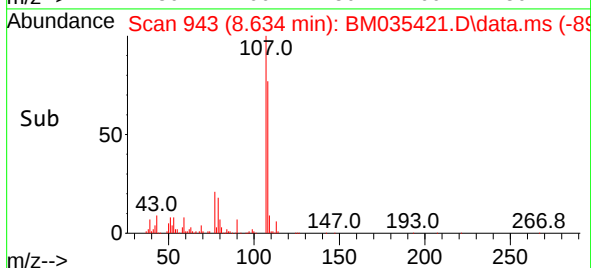
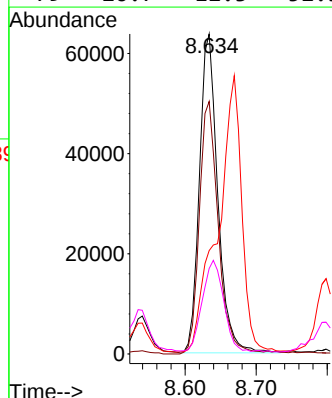
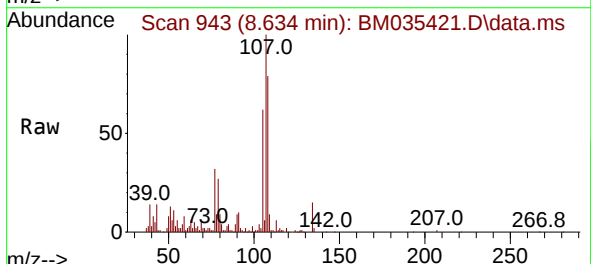
Instrument :
BNA_M
ClientSampleId :
MW-27

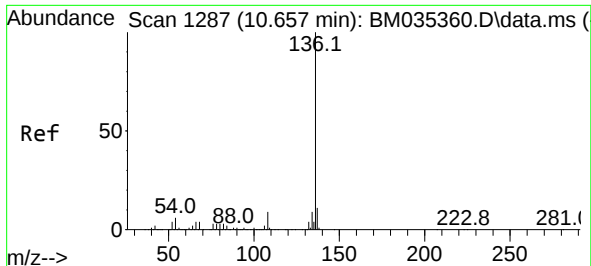
Tgt Ion:117 Resp: 135311
Ion Ratio Lower Upper
117 100
119 376.4 75.8 113.6#
201 0.0 81.0 121.4#



#20
3+4-Methylphenols
Concen: 16.729 ng
RT: 8.634 min Scan# 943
Delta R.T. 0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion:107 Resp: 114633
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

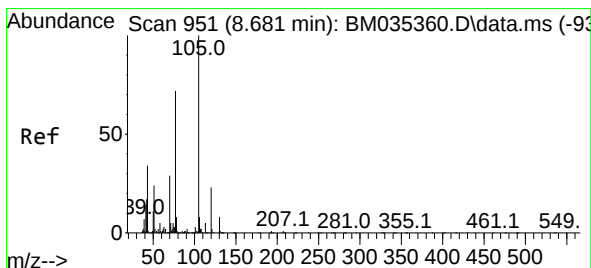
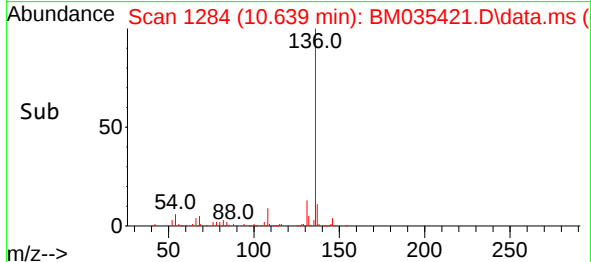
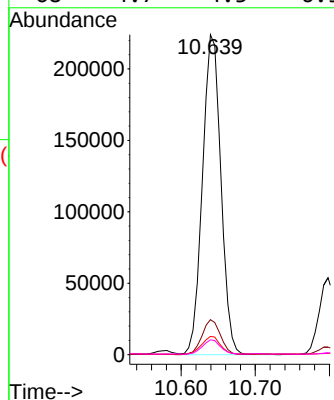
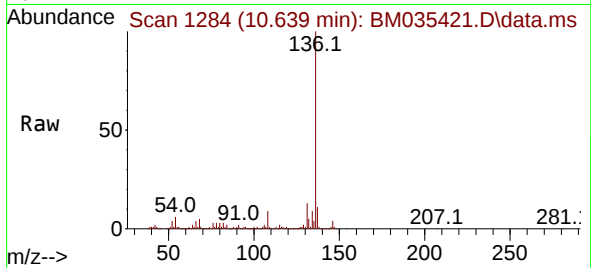




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

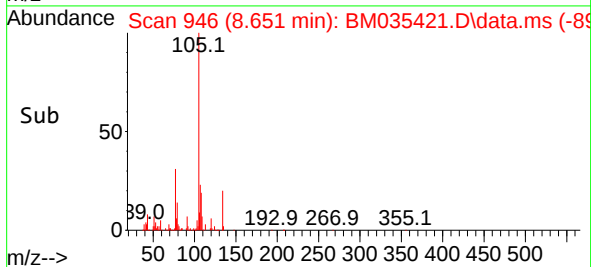
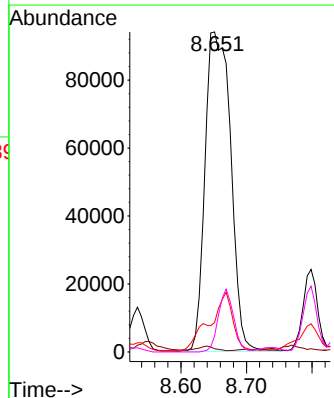
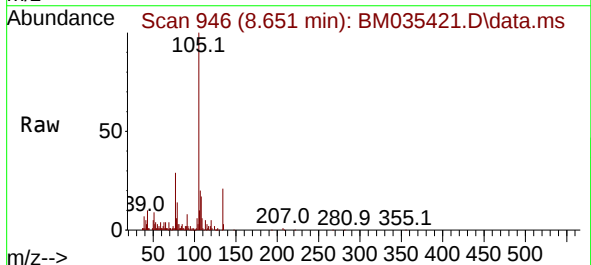
Instrument :
BNA_M
ClientSampleId :
MW-27

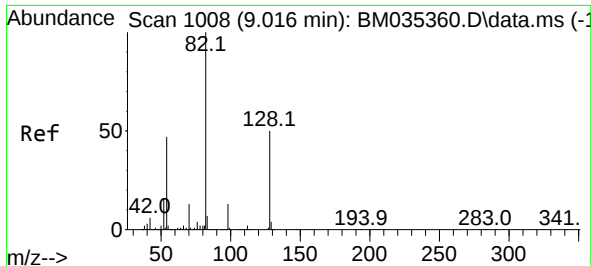
Tgt Ion:136 Resp: 387774
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.7 7.0 10.4#
68 4.7 4.3 6.5



#22
Acetophenone
Concen: 29.548 ng
RT: 8.651 min Scan# 946
Delta R.T. -0.018 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion:105 Resp: 254723
Ion Ratio Lower Upper
105 100
71 1.0 5.0 7.4#
51 9.2 25.6 38.4#
120 5.0 17.8 26.8#

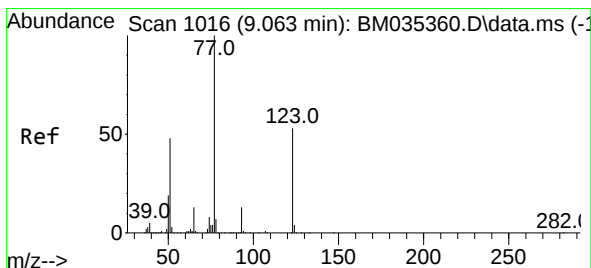
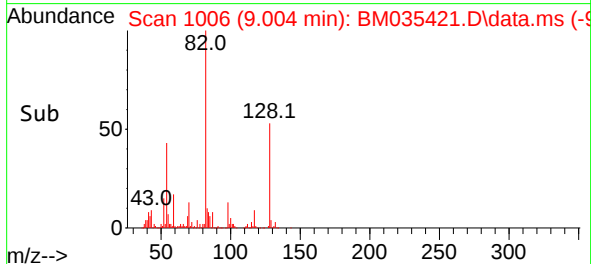
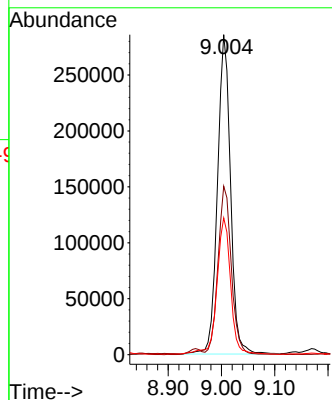
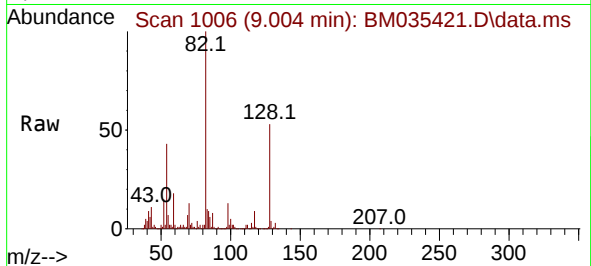




#23
Nitrobenzene-d5
Concen: 79.601 ng
RT: 9.004 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

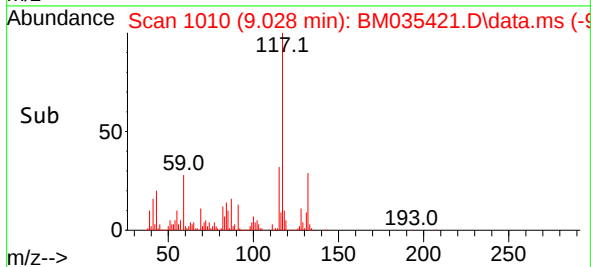
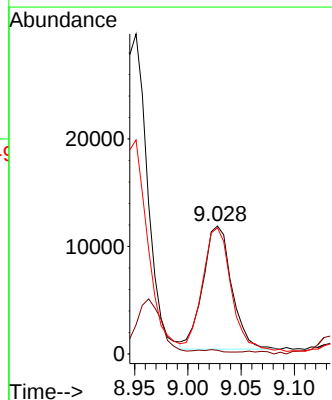
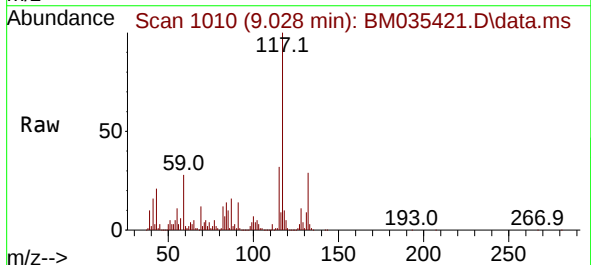
Instrument :
BNA_M
ClientSampleId :
MW-27

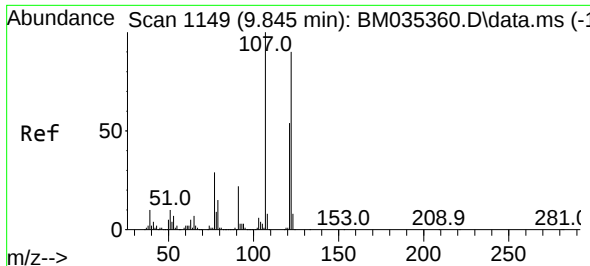
Tgt Ion: 82 Resp: 486129
Ion Ratio Lower Upper
82 100
128 52.6 33.7 50.5#
54 42.8 43.2 64.8#



#24
Nitrobenzene
Concen: 3.906 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion: 77 Resp: 21609
Ion Ratio Lower Upper
77 100
123 2.8 36.2 54.4#
65 98.7 11.4 17.0#

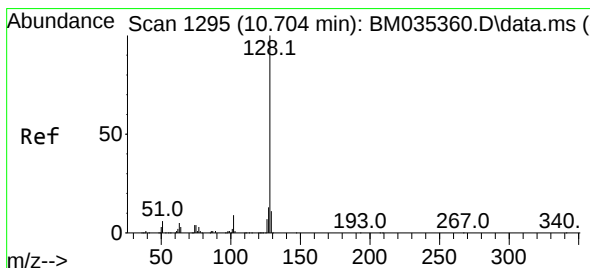
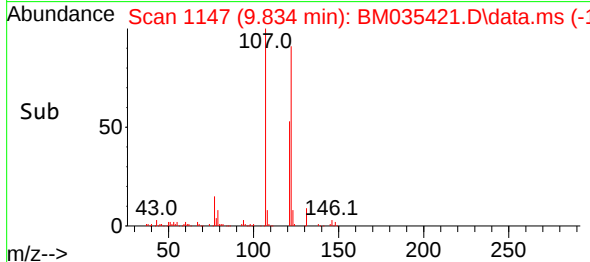
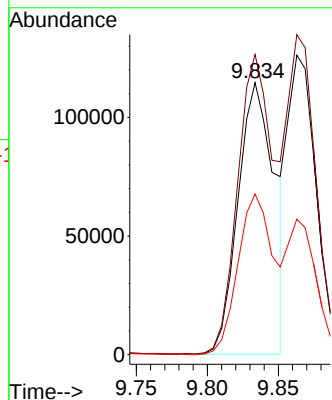
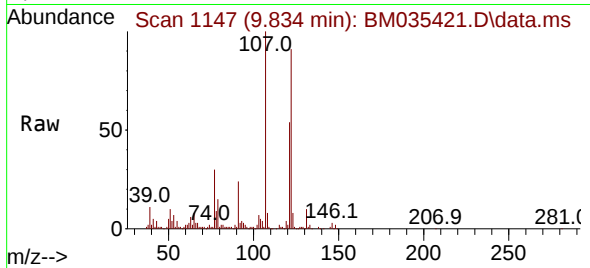




#27
2,4-Dimethylphenol
Concen: 42.485 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

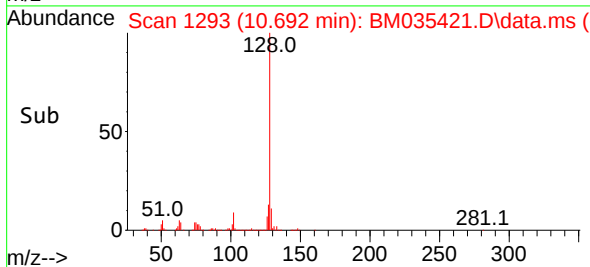
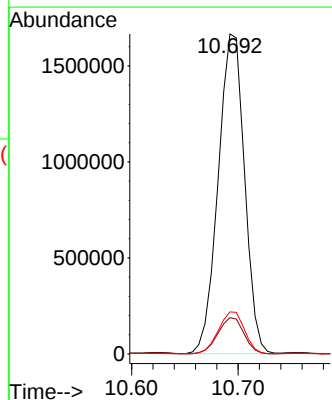
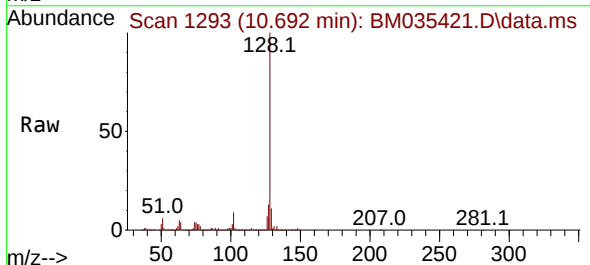
Instrument :
BNA_M
ClientSampleId :
MW-27

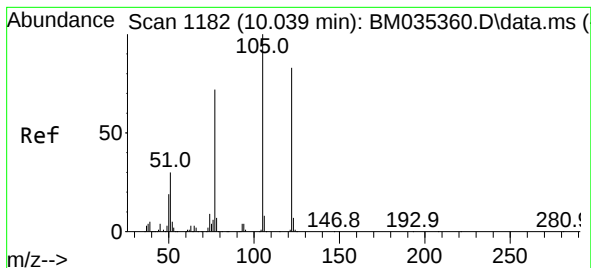
Tgt Ion:122 Resp: 203941
Ion Ratio Lower Upper
122 100
107 110.4 92.4 138.6
121 59.1 47.4 71.0



#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

Tgt Ion:128 Resp: 2859226
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.1 10.6 16.0





#32

Benzoic acid

Concen: 10.388 ng

RT: 10.098 min Scan# 1182

Delta R.T. 0.082 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

Instrument :

BNA_M

ClientSampleId :

MW-27

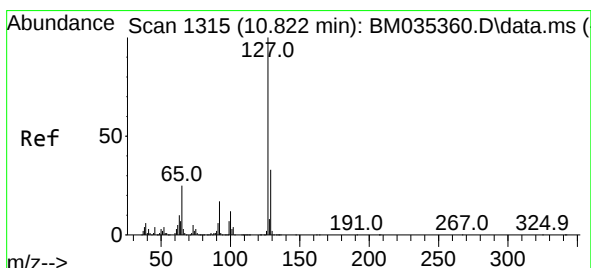
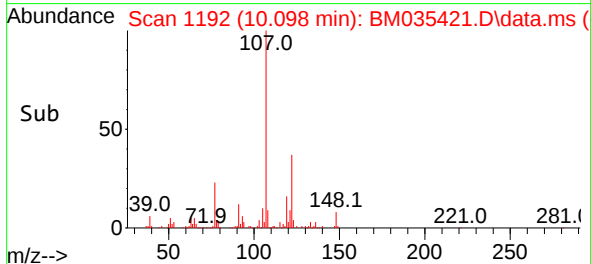
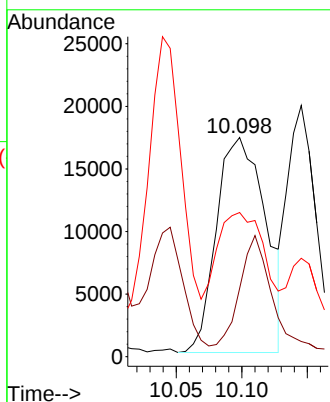
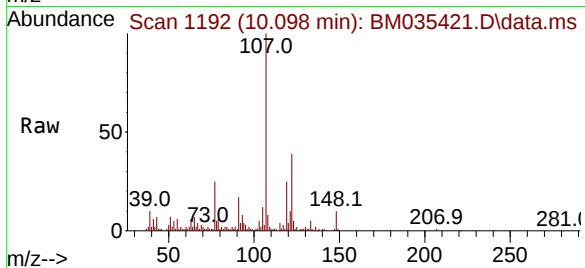
Tgt Ion:122 Resp: 44607

Ion Ratio Lower Upper

122 100

105 31.2 105.7 145.7#

77 65.8 80.0 120.0#



#33

4-Chloroaniline

Concen: 47.691 ng

RT: 10.692 min Scan# 1293

Delta R.T. -0.118 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

Tgt Ion:127 Resp: 375251

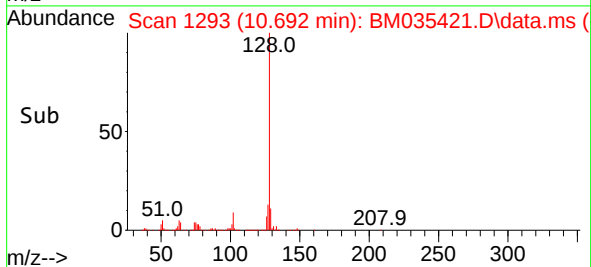
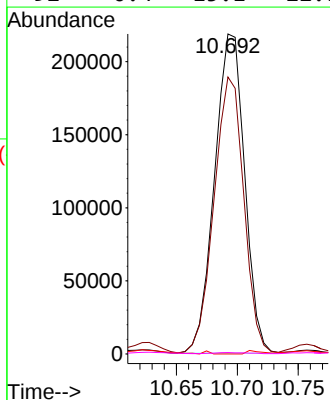
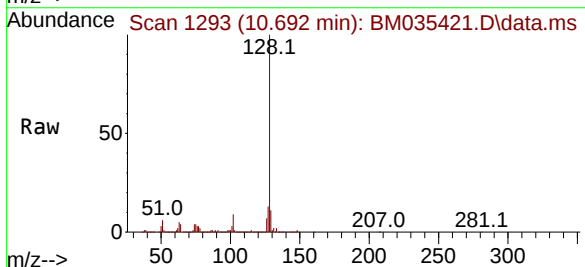
Ion Ratio Lower Upper

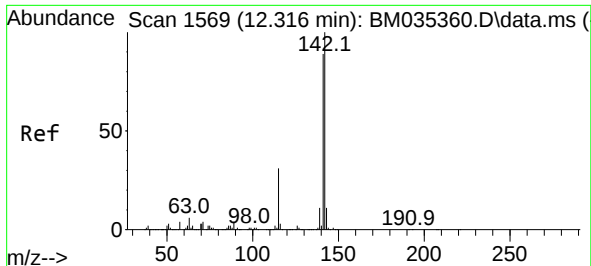
127 100

129 86.6 25.7 38.5#

65 0.0 26.6 40.0#

92 0.4 15.1 22.7#





#37

2-Methylnaphthalene

Concen: 36.227 ng

RT: 12.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

Instrument :

BNA_M

ClientSampleId :

MW-27

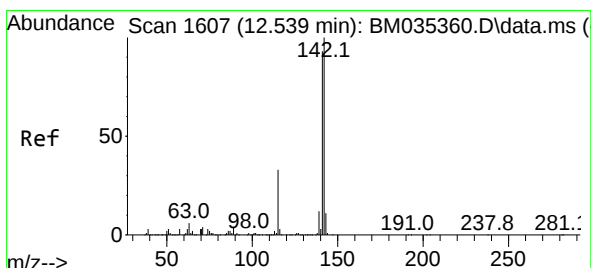
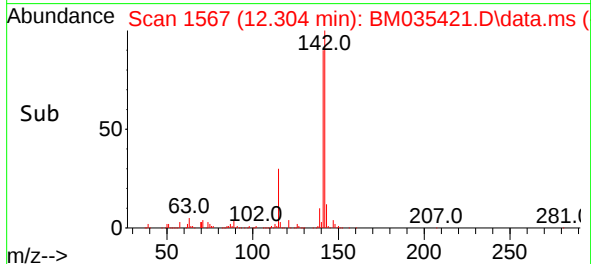
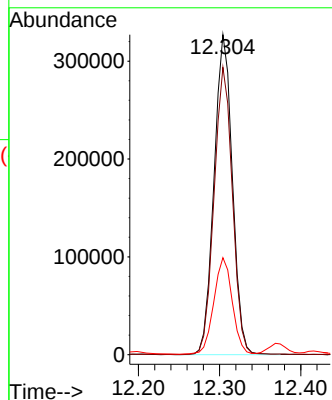
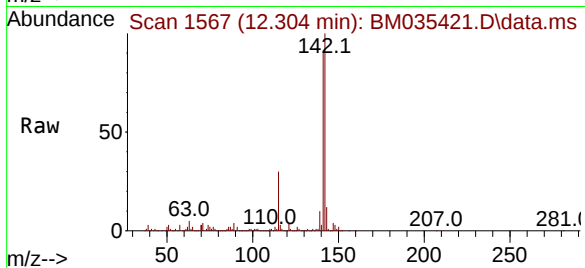
Tgt Ion:142 Resp: 513618

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# 1604

Delta R.T. -0.000 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

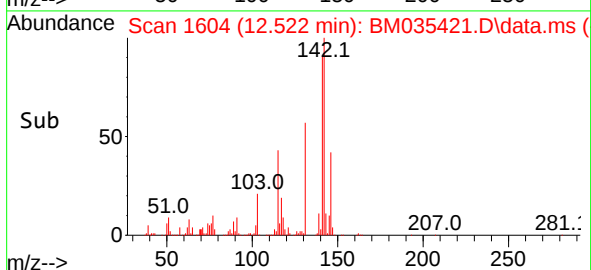
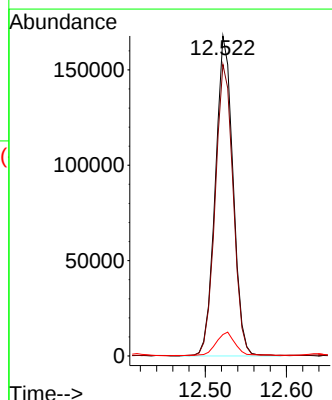
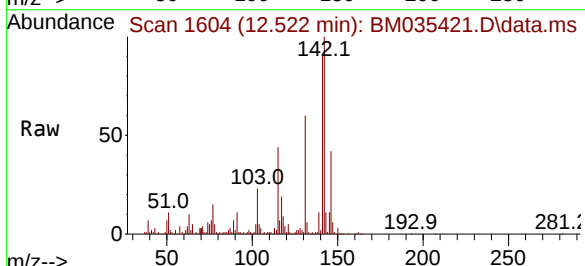
Tgt Ion:142 Resp: 254908

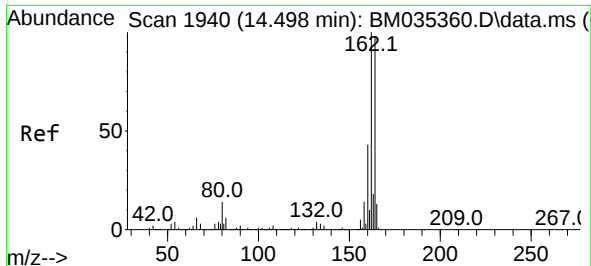
Ion Ratio Lower Upper

142 100

141 91.1 75.0 112.4

116 6.7 3.4 5.2#

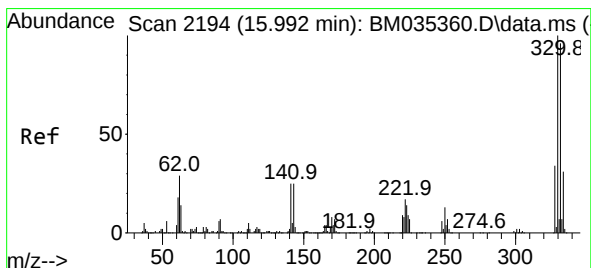
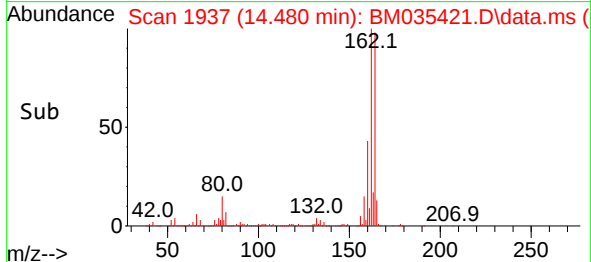
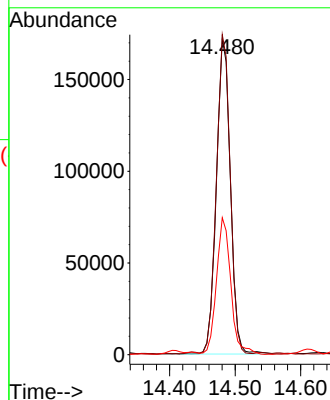
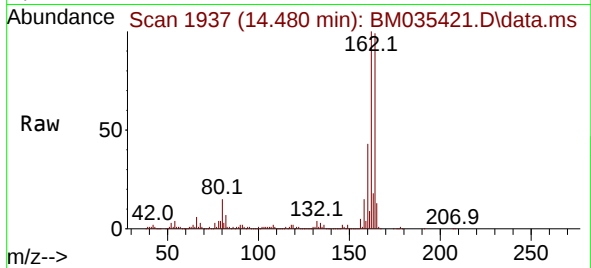




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

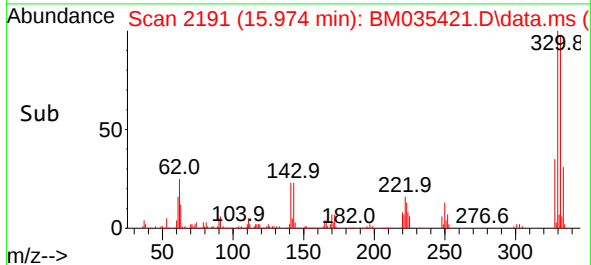
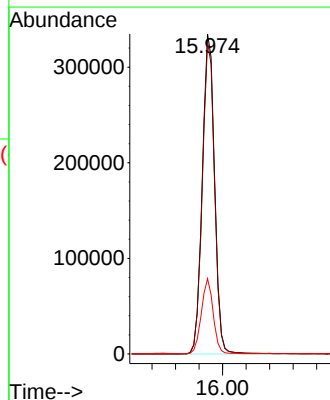
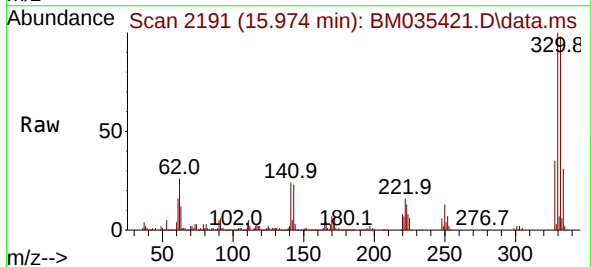
Instrument :
BNA_M
ClientSampleId :
MW-27

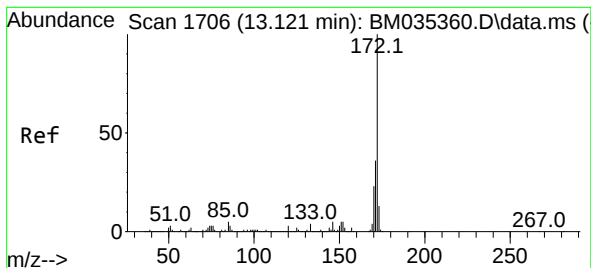
Tgt Ion:164 Resp: 253826
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.6
160 43.3 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 119.209 ng
RT: 15.974 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM035421.D
Acq: 07 Jun 2022 20:56

Tgt Ion:330 Resp: 485485
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 22.4 35.3 52.9#





#45

2-Fluorobiphenyl

Concen: 79.919 ng

RT: 13.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

Instrument :

BNA_M

ClientSampleId :

MW-27

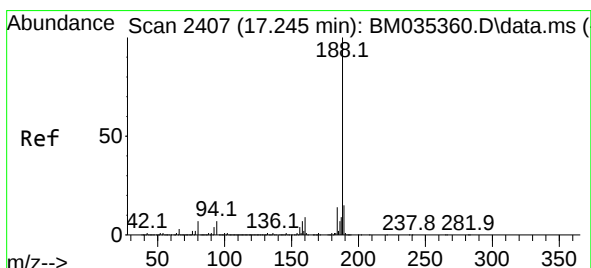
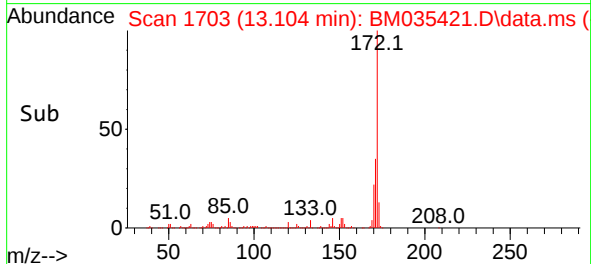
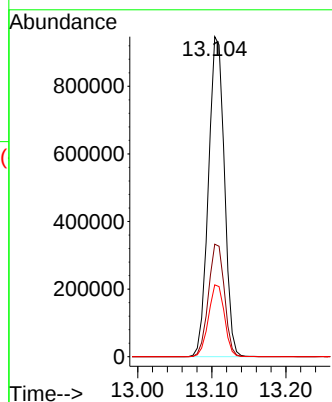
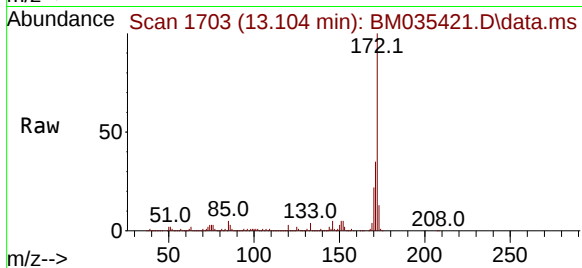
Tgt Ion:172 Resp: 1412370

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

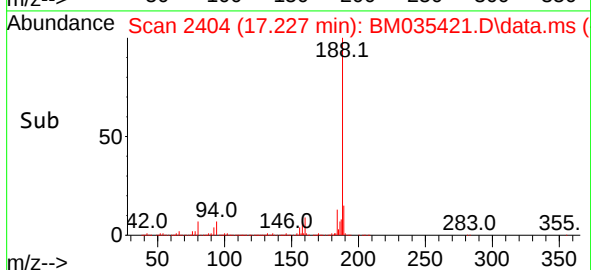
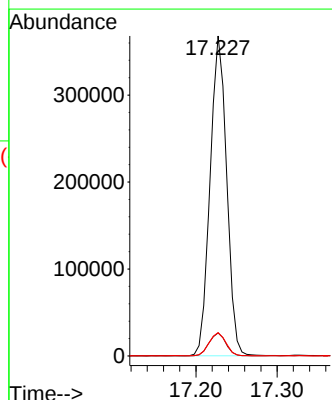
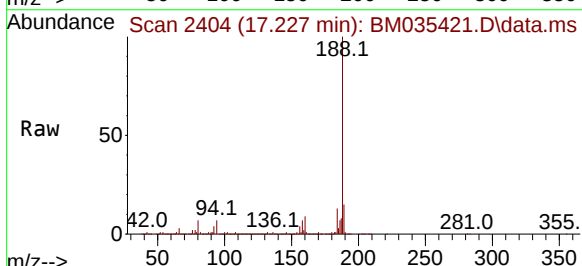
Tgt Ion:188 Resp: 521580

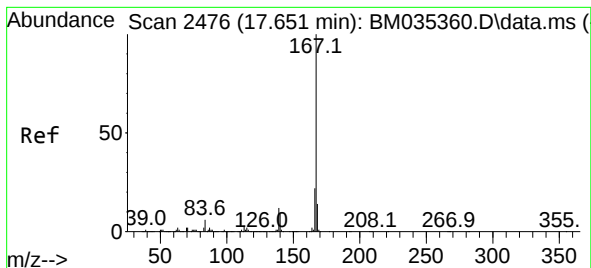
Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.4

80 7.3 7.6 11.4#





#73

Carbazole

Concen: 3.229 ng

RT: 17.639 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

Instrument :

BNA_M

ClientSampleId :

MW-27

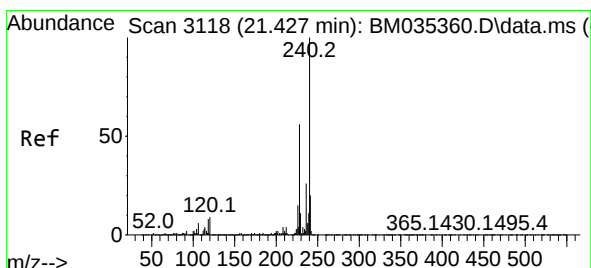
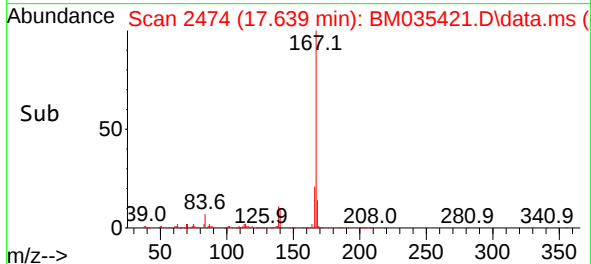
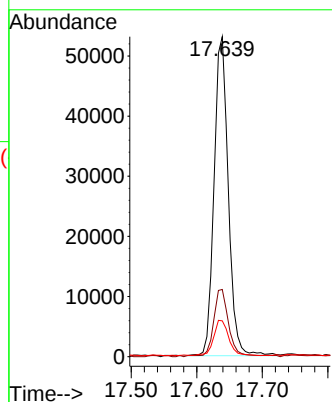
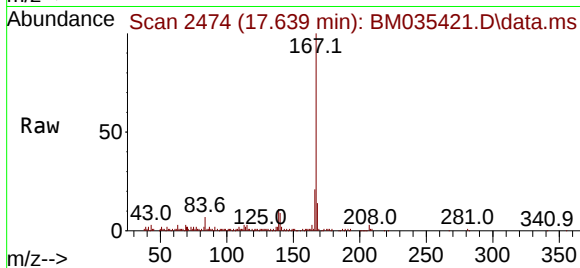
Tgt Ion:167 Resp: 79983

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# 3116

Delta R.T. -0.006 min

Lab File: BM035421.D

Acq: 07 Jun 2022 20:56

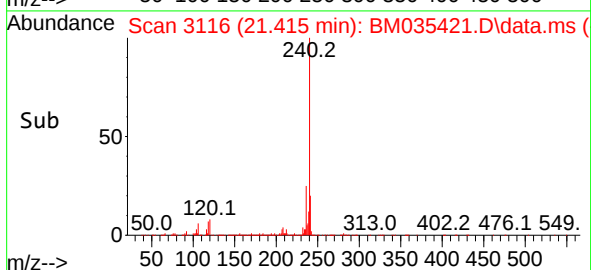
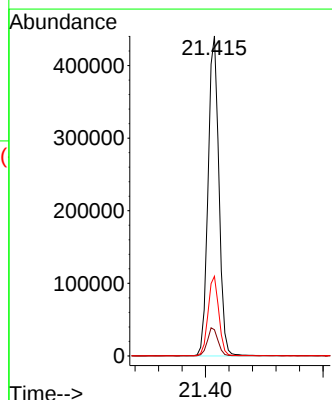
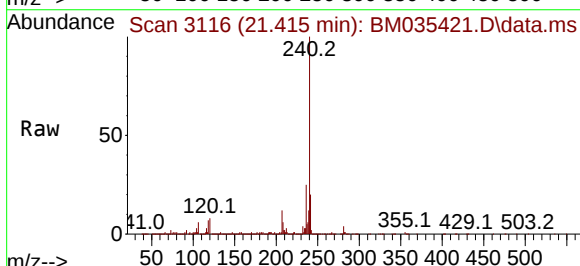
Tgt Ion:240 Resp: 564832

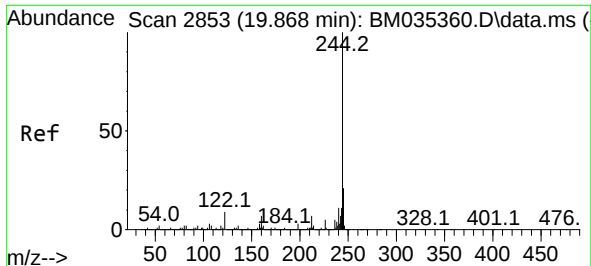
Ion Ratio Lower Upper

240 100

120 8.2 9.4 14.0#

236 24.9 20.6 30.8

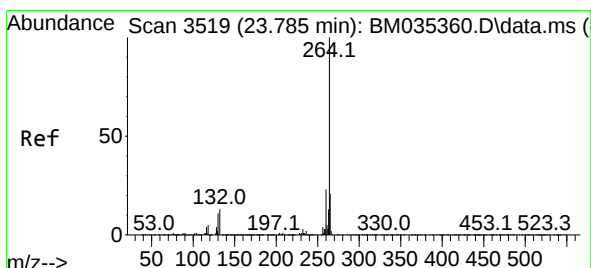
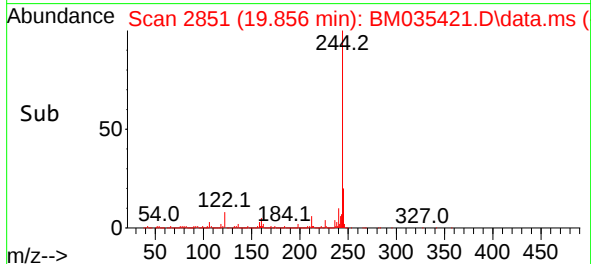
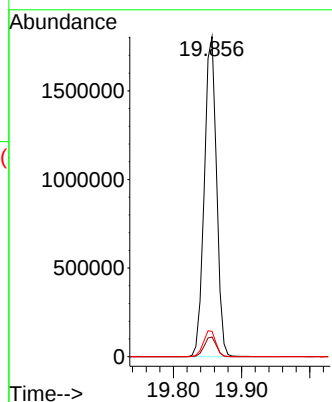
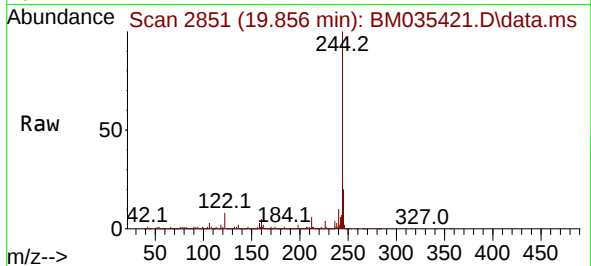




#79
 Terphenyl-d14
 Concen: 79.466 ng
 RT: 19.856 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BM035421.D
 Acq: 07 Jun 2022 20:56

Instrument :
 BNA_M
 ClientSampleId :
 MW-27

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# 3516
 Delta R.T. -0.006 min
 Lab File: BM035421.D
 Acq: 07 Jun 2022 20:56

Tgt Ion:264 Resp: 625591
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.9 28.3
 265 22.8 17.5 26.3

