

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037483.D
 Acq On : 12 Nov 2022 00:56
 Operator : CG/JU
 Sample : N5414-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW3

Quant Time: Nov 12 01:31:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

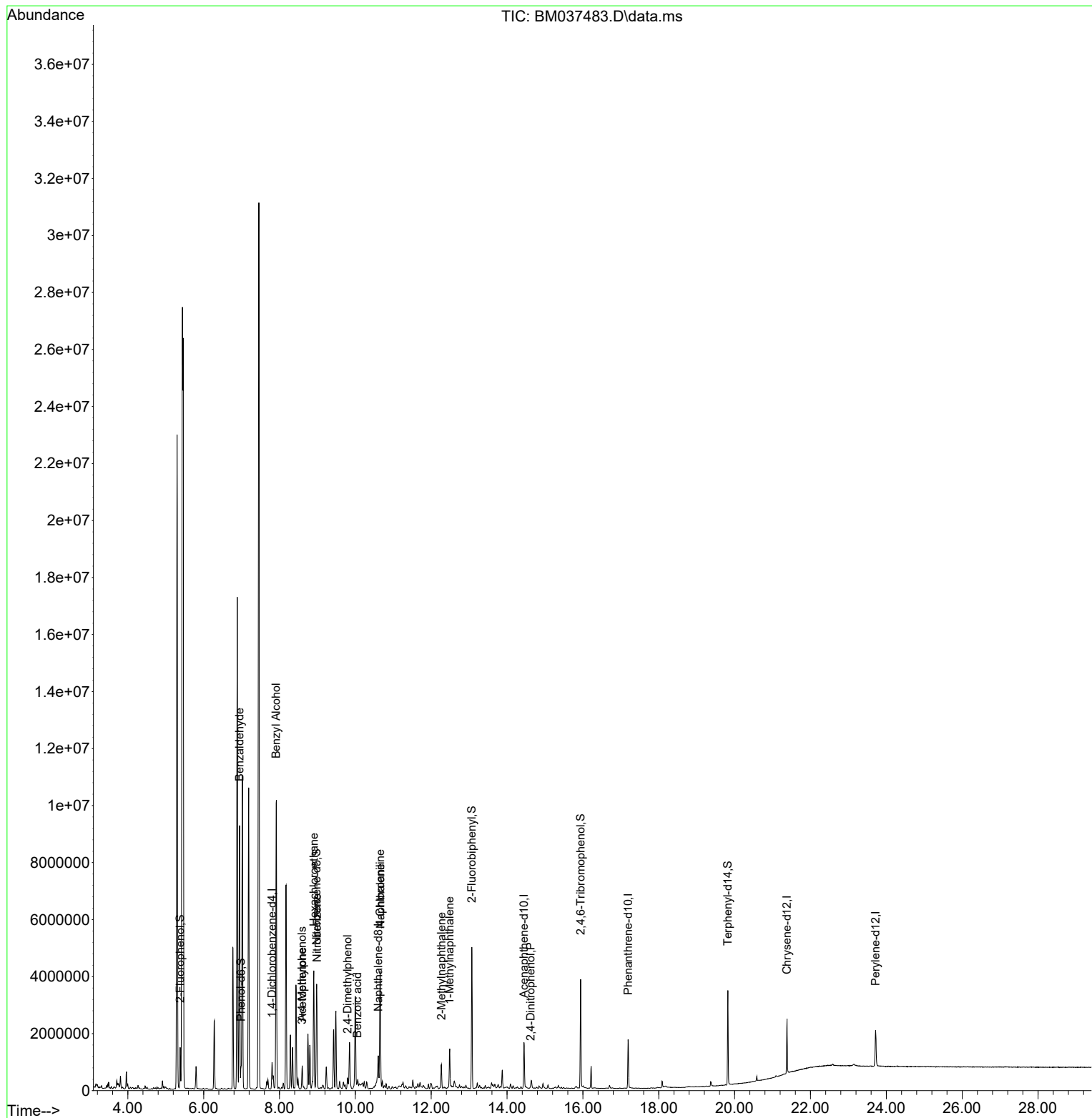
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	237927	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	924822	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	532624	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	998284	20.000	ng	0.00
76) Chrysene-d12	21.380	240	921804	20.000	ng	0.00
86) Perylene-d12	23.715	264	945573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	587752	42.678	ng	0.00
7) Phenol-d6	6.987	99	441389	23.615	ng	0.00
23) Nitrobenzene-d5	8.975	82	1269582	69.261	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	708400	112.860	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2499466	62.352	ng	0.00
79) Terphenyl-d14	19.821	244	1532528	29.814	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.945	77	622474	65.793	ng	# 1
15) Benzyl Alcohol	7.910	79	461584	34.542	ng	# 1
18) Hexachloroethane	8.904	117	403245	60.520	ng	# 1
20) 3+4-Methylphenols	8.592	107	54815	2.916	ng	# 19
22) Acetophenone	8.598	105	531698	22.119	ng	# 57
24) Nitrobenzene	8.986	77	57337	3.085	ng	# 2
27) 2,4-Dimethylphenol	9.792	122	60222	4.877	ng	94
31) Naphthalene	10.657	128	3080342	58.789	ng	99
32) Benzoic acid	10.051	122	25662	8.929	ng	# 78
33) 4-Chloroaniline	10.651	127	400228	19.176	ng	# 30
37) 2-Methylnaphthalene	12.269	142	383970	10.816	ng	99
38) 1-Methylnaphthalene	12.486	142	609775	17.579	ng	100
54) 2,4-Dinitrophenol	14.621	184	209	6.479	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037483.D
Acq On : 12 Nov 2022 00:56
Operator : CG/JU
Sample : N5414-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW3

Quant Time: Nov 12 01:31:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

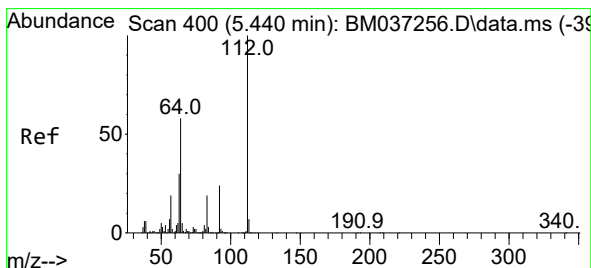
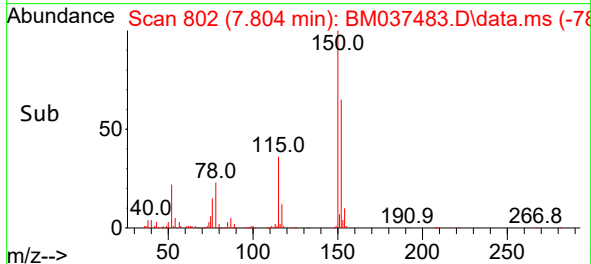
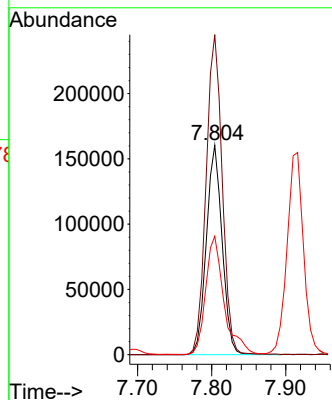
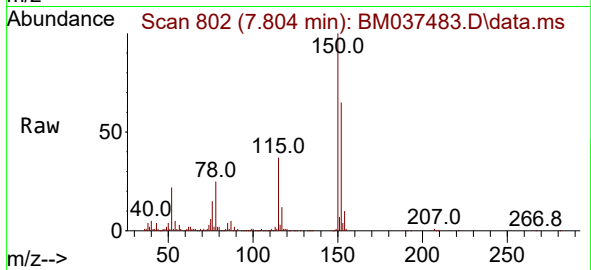




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

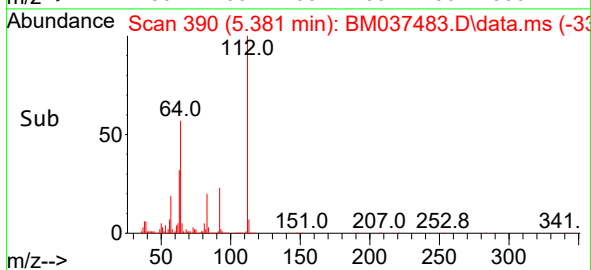
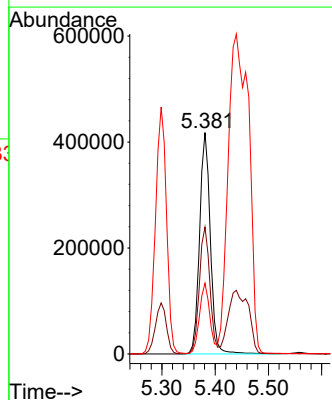
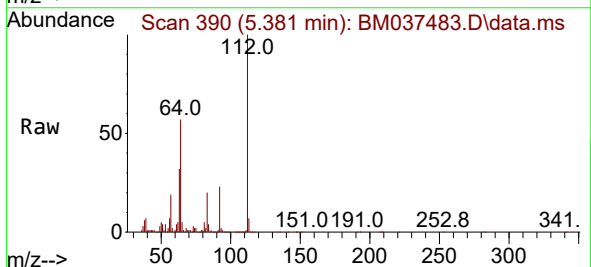
Instrument :
BNA_M
ClientSampleId :
MW3

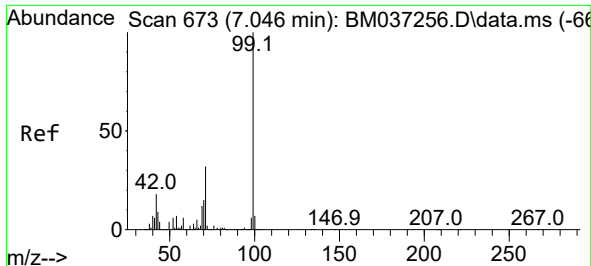
Tgt Ion:152 Resp: 237927
Ion Ratio Lower Upper
152 100
150 152.8 124.8 187.2
115 56.5 47.0 70.4



#5
2-Fluorophenol
Concen: 42.678 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:112 Resp: 587752
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 32.0 24.4 36.6

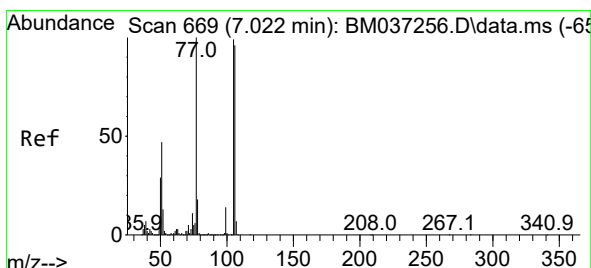
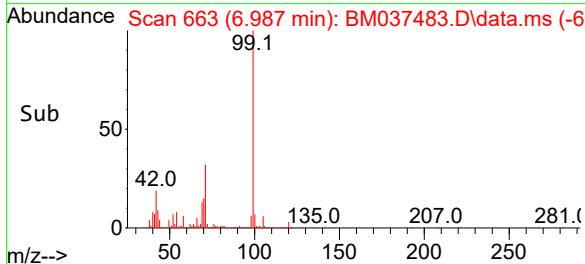
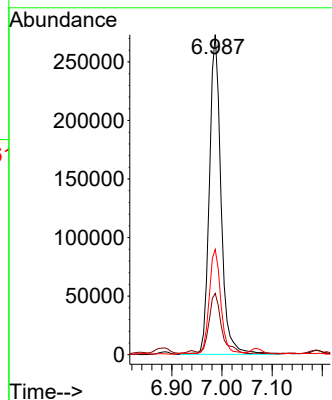
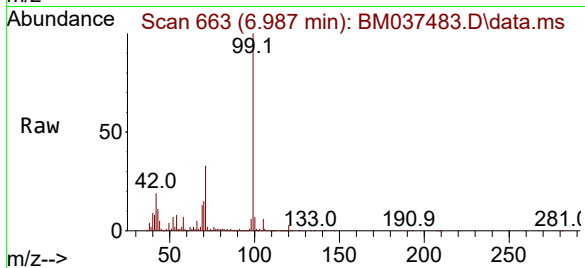




#7
Phenol-d6
Concen: 23.615 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

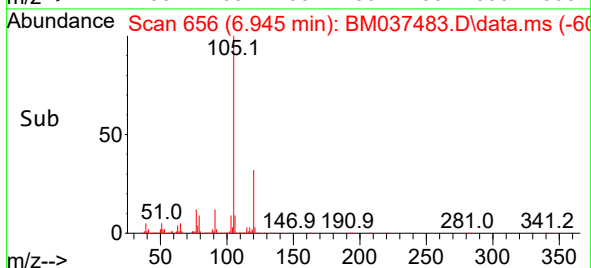
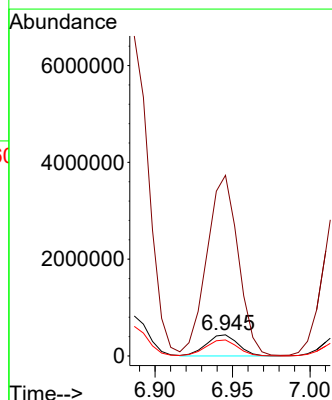
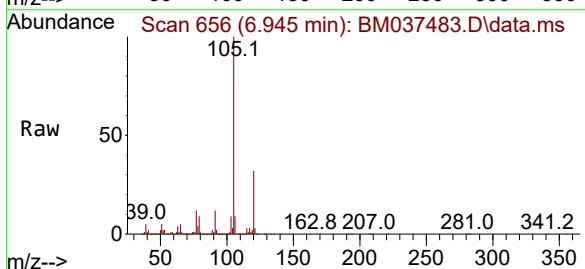
Instrument :
BNA_M
ClientSampleId :
MW3

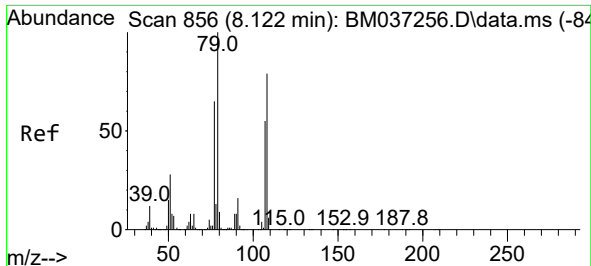
Tgt Ion: 99 Resp: 441389
Ion Ratio Lower Upper
99 100
42 19.1 14.8 22.2
71 32.9 25.6 38.4



#9
Benzaldehyde
Concen: 65.793 ng
RT: 6.945 min Scan# 656
Delta R.T. -0.012 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion: 77 Resp: 622474
Ion Ratio Lower Upper
77 100
105 852.6 78.6 118.6#
106 75.6 75.8 115.8#

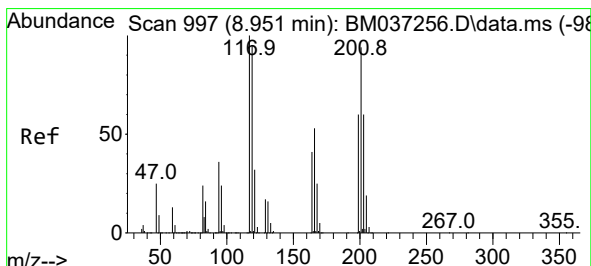
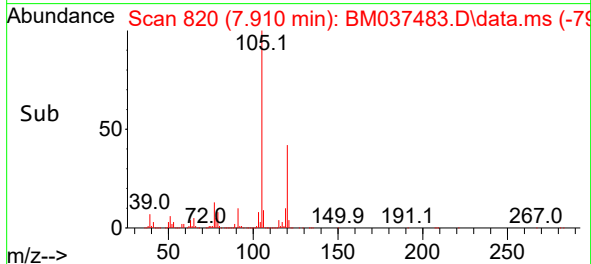
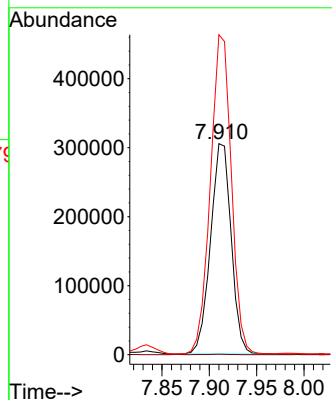
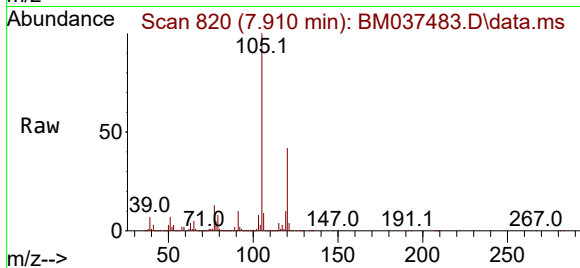




#15
Benzyl Alcohol
Concen: 34.542 ng
RT: 7.910 min Scan# 81
Delta R.T. -0.153 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

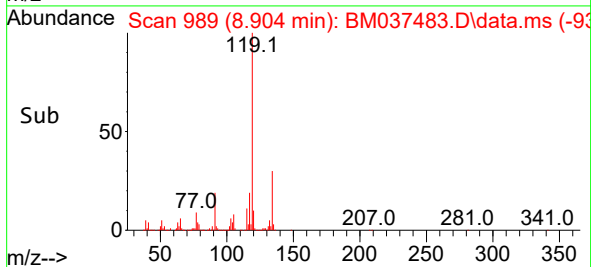
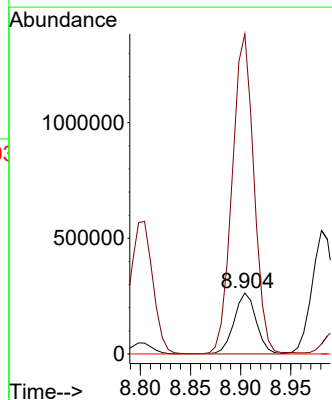
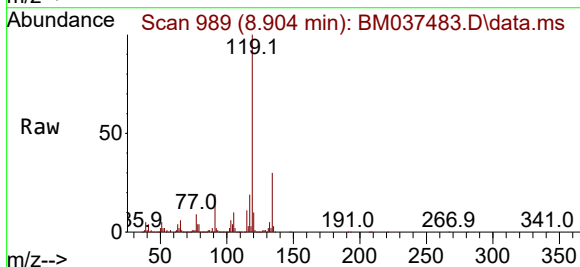
Instrument :
BNA_M
ClientSampleId :
MW3

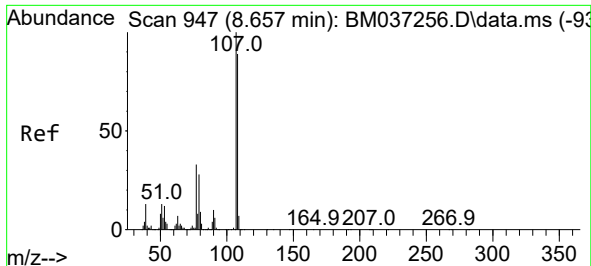
Tgt Ion: 79 Resp: 461584
Ion Ratio Lower Upper
79 100
108 0.2 63.1 94.7#
77 151.6 51.7 77.5#



#18
Hexachloroethane
Concen: 60.520 ng
RT: 8.904 min Scan# 989
Delta R.T. 0.029 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion: 117 Resp: 403245
Ion Ratio Lower Upper
117 100
119 525.0 75.9 113.9#
201 0.0 75.0 112.4#

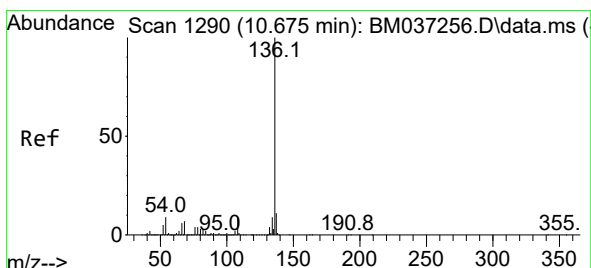
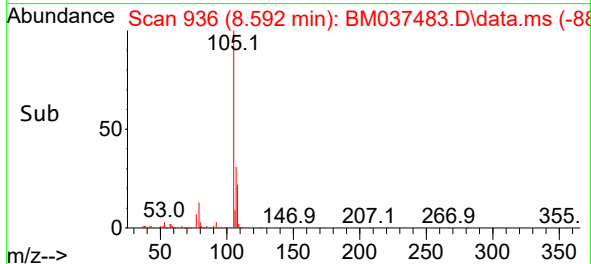
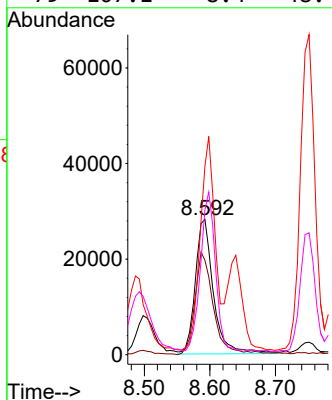
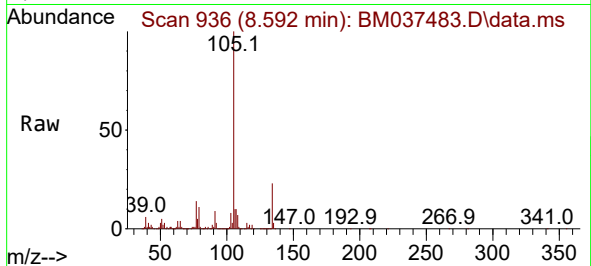




#20
3+4-Methylphenols
Concen: 2.916 ng
RT: 8.592 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

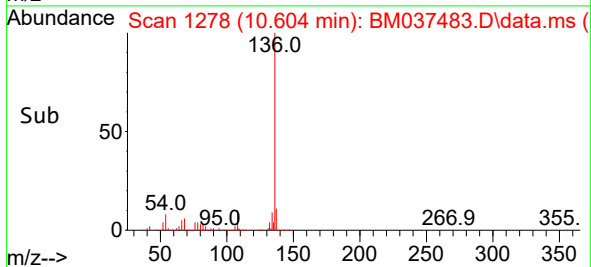
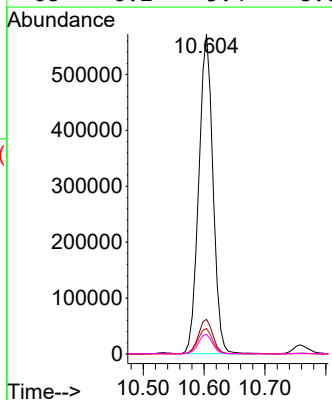
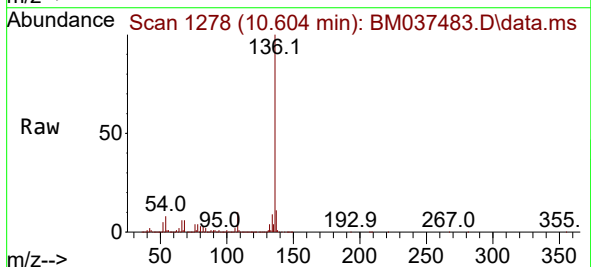
Instrument :
BNA_M
ClientSampleId :
MW3

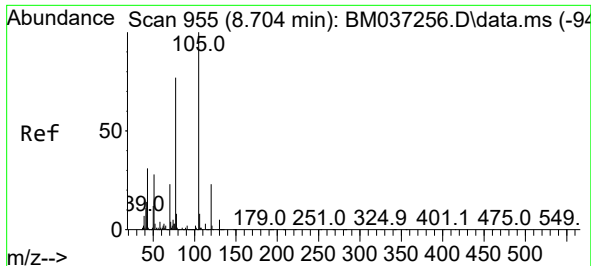
Tgt Ion:107 Resp: 54815
Ion Ratio Lower Upper
107 100
108 69.8 69.4 109.4
77 139.0 12.8 52.8#
79 107.1 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:136 Resp: 924822
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.0 7.0 10.4
68 6.2 5.4 8.0

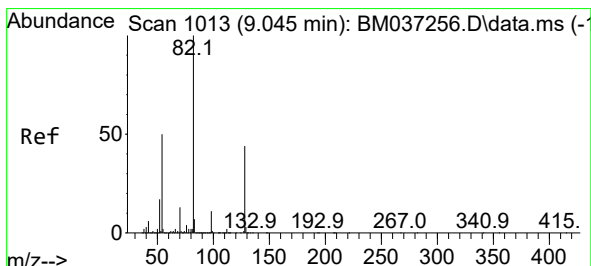
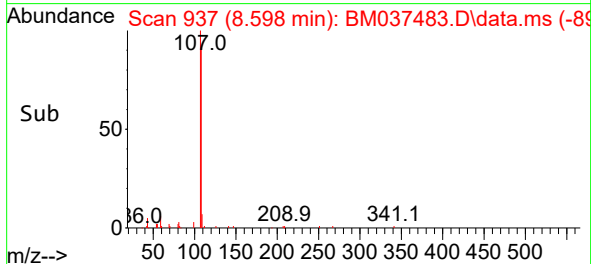
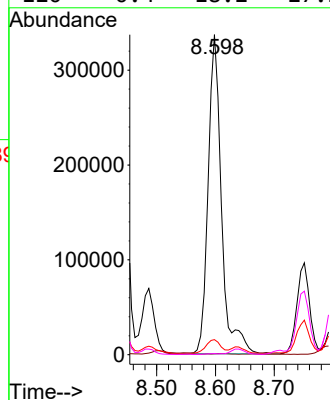
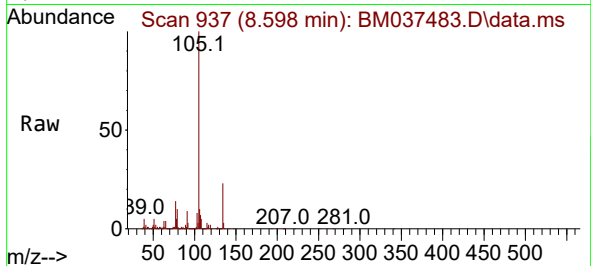




#22
Acetophenone
Concen: 22.119 ng
RT: 8.598 min Scan# 91
Delta R.T. -0.047 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

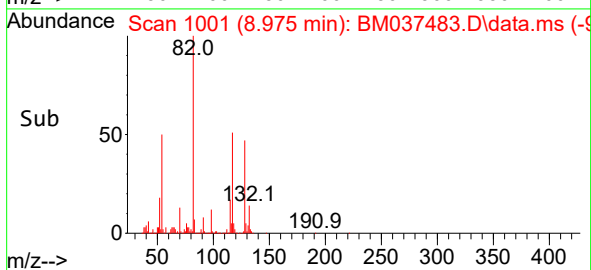
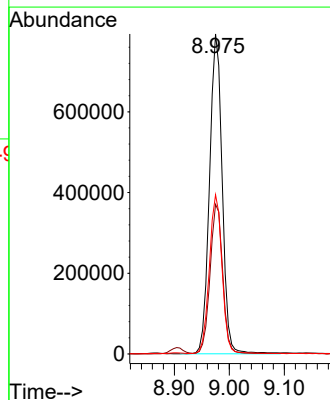
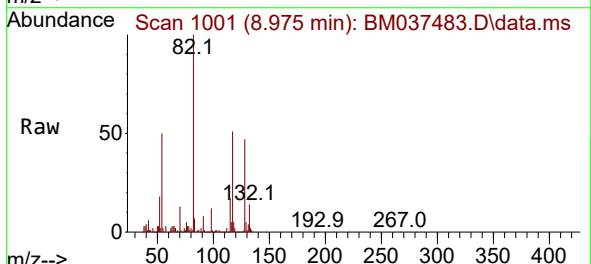
Instrument :
BNA_M
ClientSampleId :
MW3

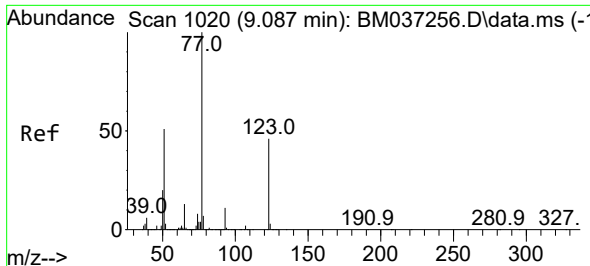
Tgt Ion:105 Resp: 531698
Ion Ratio Lower Upper
105 100
71 0.2 3.0 4.4#
51 4.7 22.1 33.1#
120 0.4 18.2 27.2#



#23
Nitrobenzene-d5
Concen: 69.261 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion: 82 Resp: 1269582
Ion Ratio Lower Upper
82 100
128 46.7 35.2 52.8
54 49.7 40.4 60.6

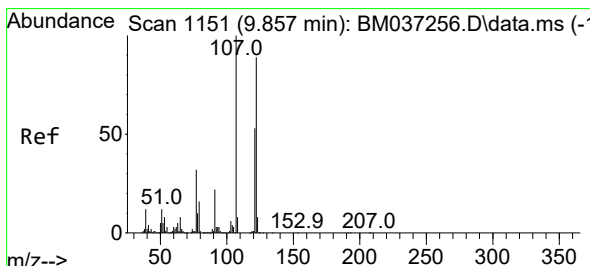
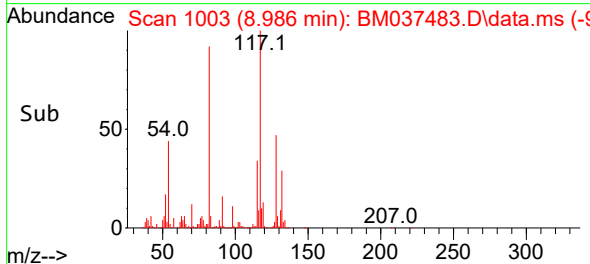
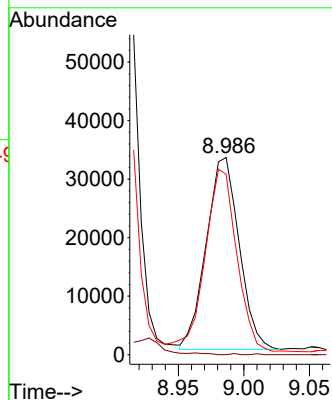
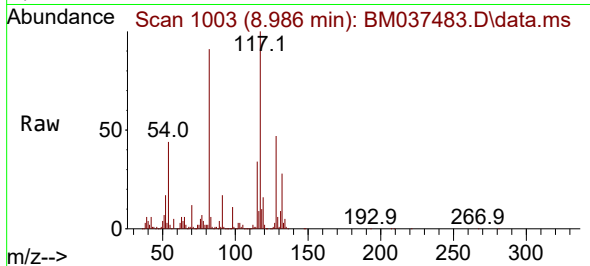




#24
Nitrobenzene
Concen: 3.085 ng
RT: 8.986 min Scan# 1140
Delta R.T. -0.035 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

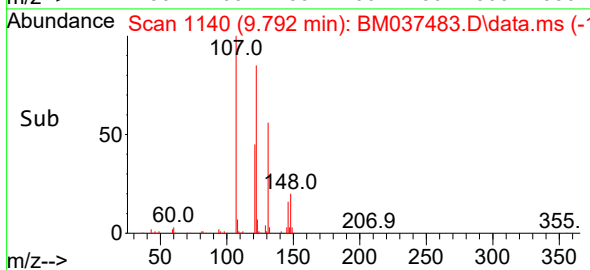
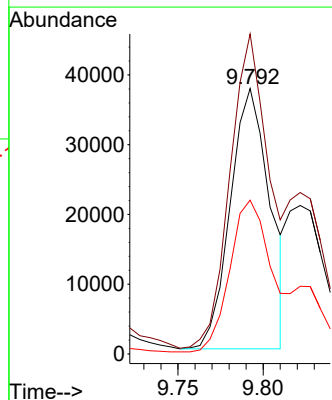
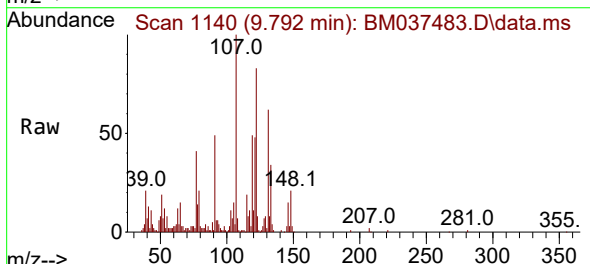
Instrument :
BNA_M
ClientSampleId :
MW3

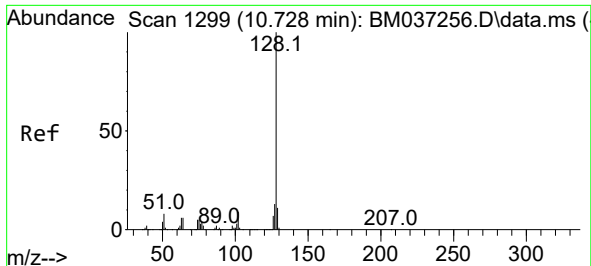
Tgt Ion: 77 Resp: 57337
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 91.5 10.6 16.0#



#27
2,4-Dimethylphenol
Concen: 4.877 ng
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion: 122 Resp: 60222
Ion Ratio Lower Upper
122 100
107 120.6 89.7 134.5
121 57.9 47.1 70.7

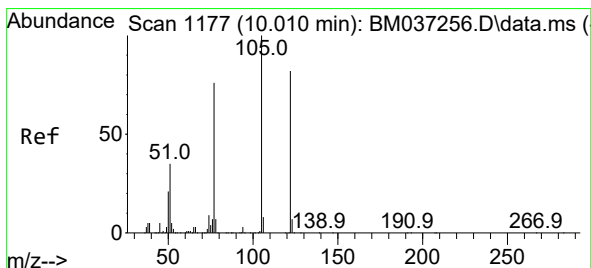
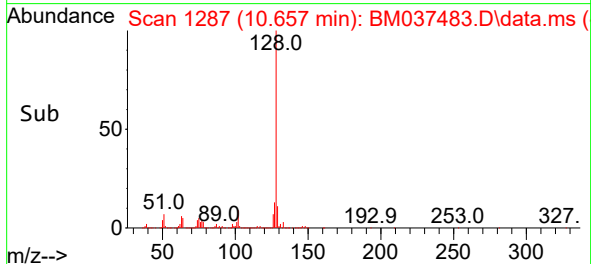
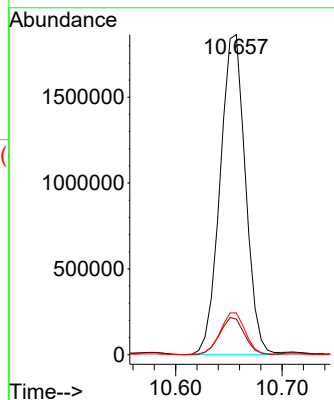
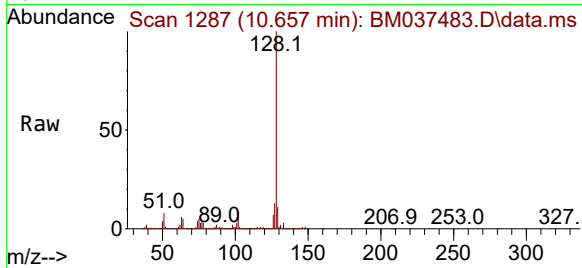




#31
Naphthalene
Concen: 58.789 ng
RT: 10.657 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

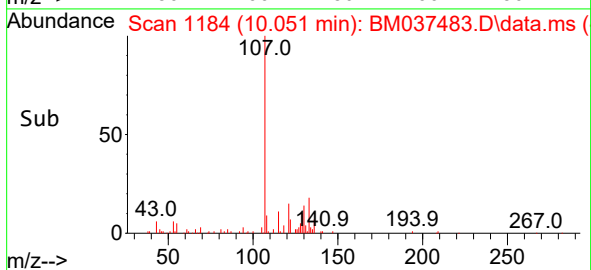
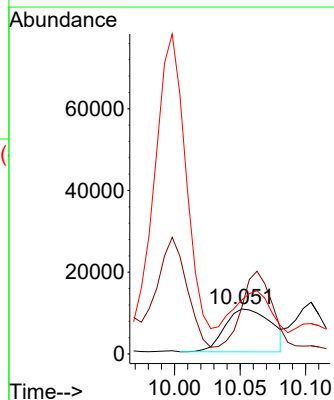
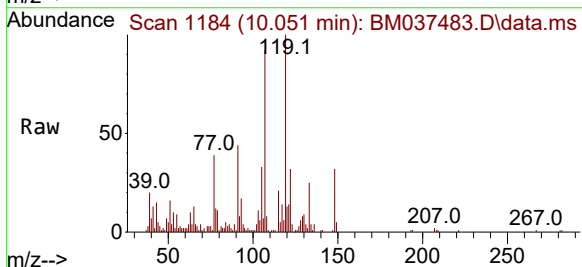
Instrument :
BNA_M
ClientSampleId :
MW3

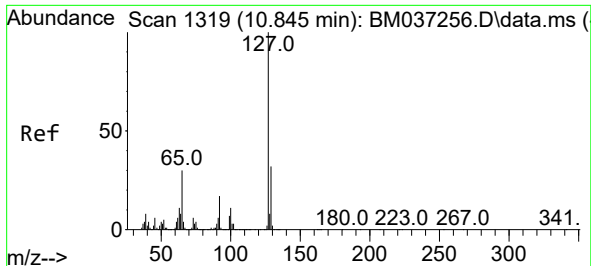
Tgt Ion:128 Resp: 3080342
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 8.929 ng
RT: 10.051 min Scan# 1184
Delta R.T. 0.071 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:122 Resp: 25662
Ion Ratio Lower Upper
122 100
105 102.2 100.1 140.1
77 120.2 71.7 111.7#

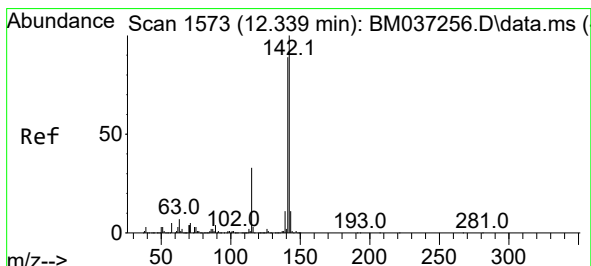
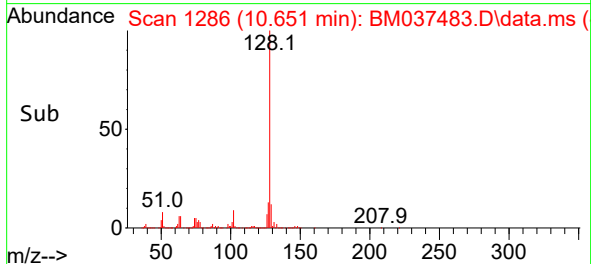
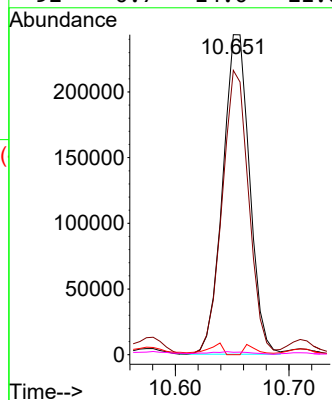
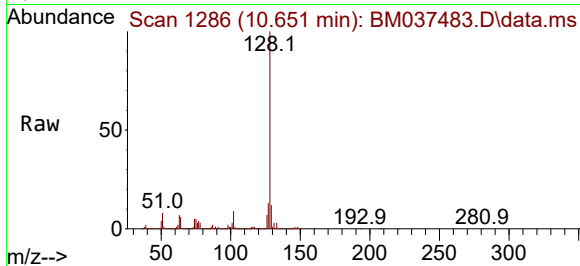




#33
4-Chloroaniline
Concen: 19.176 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.135 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

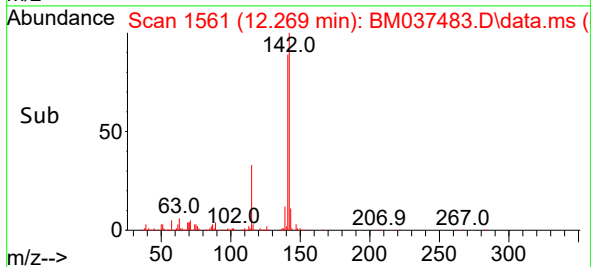
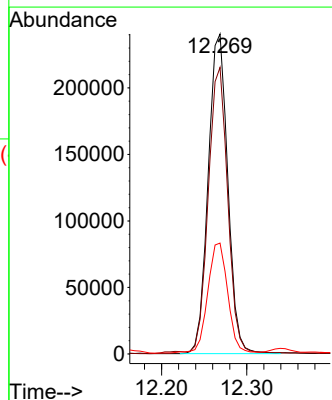
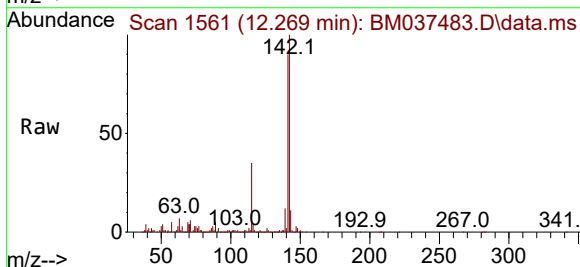
Instrument :
BNA_M
ClientSampleId :
MW3

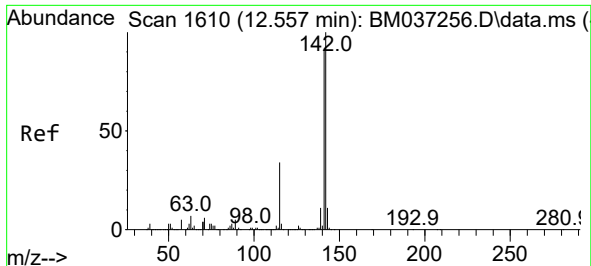
Tgt Ion:127 Resp: 400228
Ion Ratio Lower Upper
127 100
129 88.8 25.5 38.3#
65 0.0 24.0 36.0#
92 0.7 14.0 21.0#



#37
2-Methylnaphthalene
Concen: 10.816 ng
RT: 12.269 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:142 Resp: 383970
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 34.7 26.0 39.0





#38

1-Methylnaphthalene

Concen: 17.579 ng

RT: 12.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

Instrument :

BNA_M

ClientSampleId :

MW3

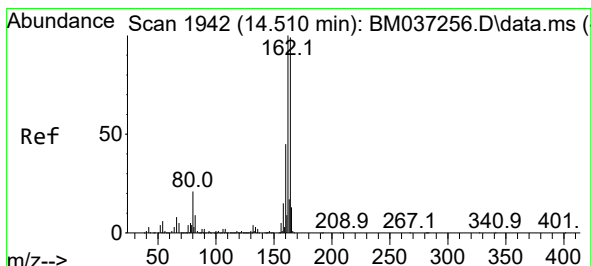
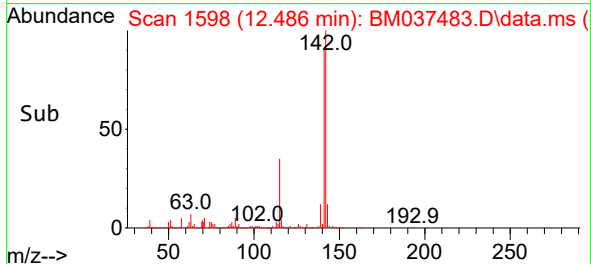
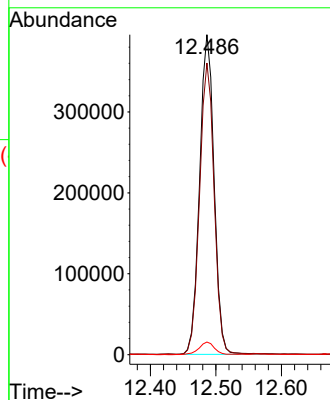
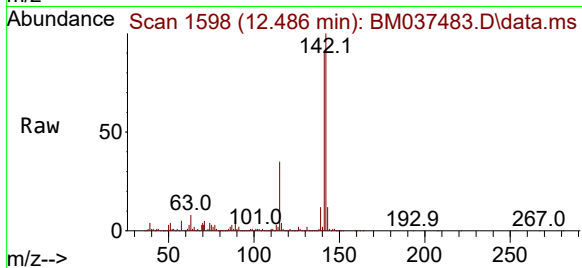
Tgt Ion:142 Resp: 609775

Ion Ratio Lower Upper

142 100

141 91.1 73.0 109.6

116 4.0 2.8 4.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1931

Delta R.T. -0.006 min

Lab File: BM037483.D

Acq: 12 Nov 2022 00:56

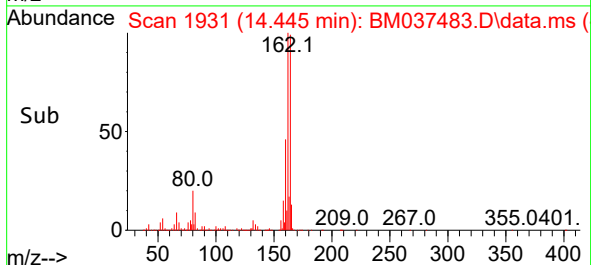
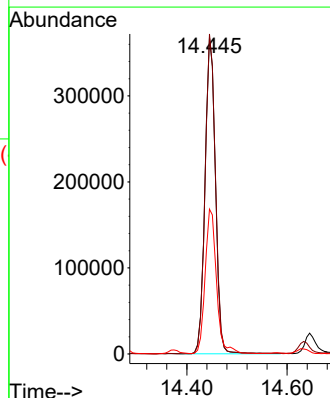
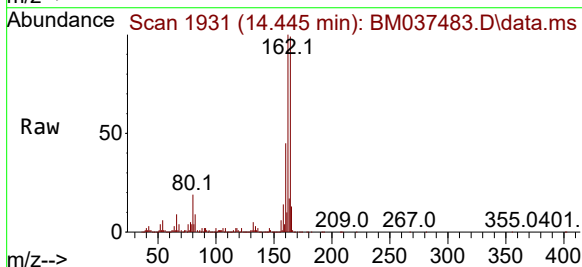
Tgt Ion:164 Resp: 532624

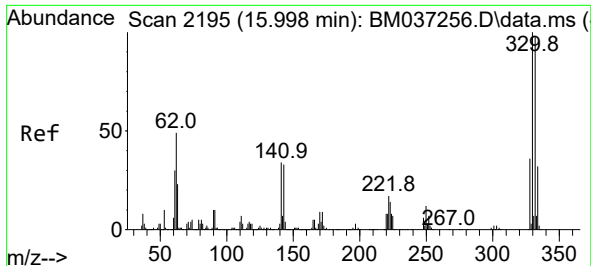
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 45.7 36.2 54.4

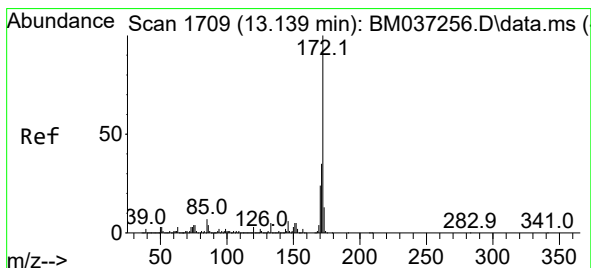
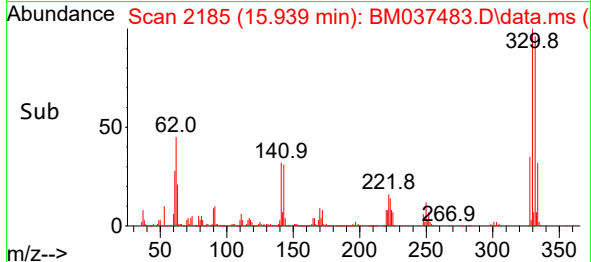
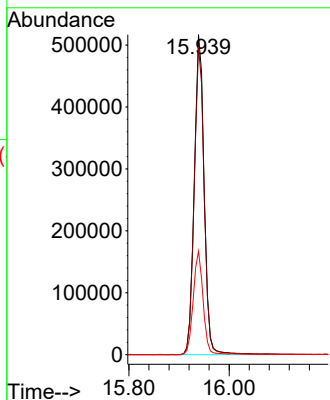
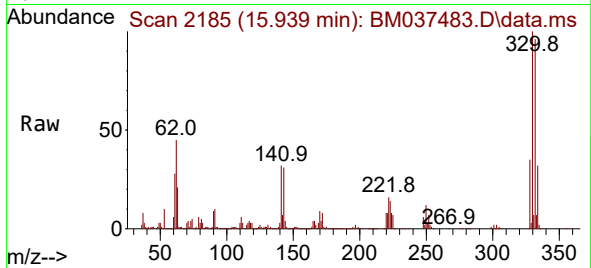




#42
2,4,6-Tribromophenol
Concen: 112.860 ng
RT: 15.939 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

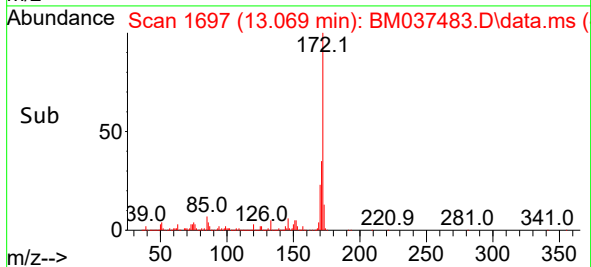
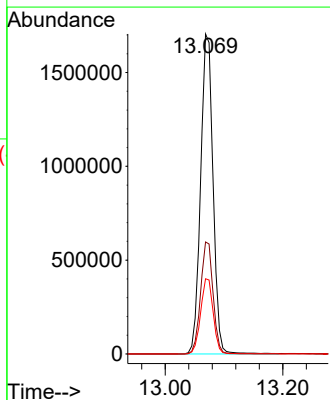
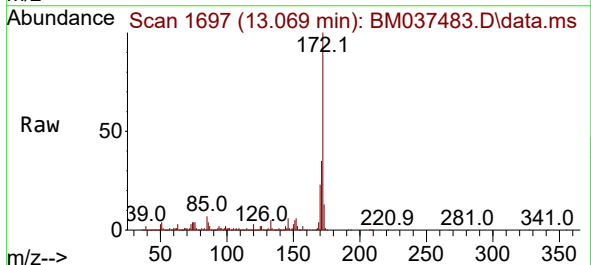
Instrument :
BNA_M
ClientSampleId :
MW3

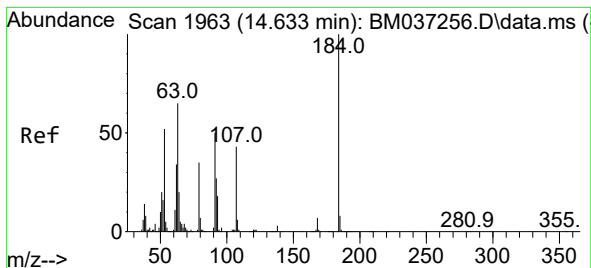
Tgt Ion:330 Resp: 708400
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 32.1 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 62.352 ng
RT: 13.069 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:172 Resp: 2499466
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 19.0 28.4

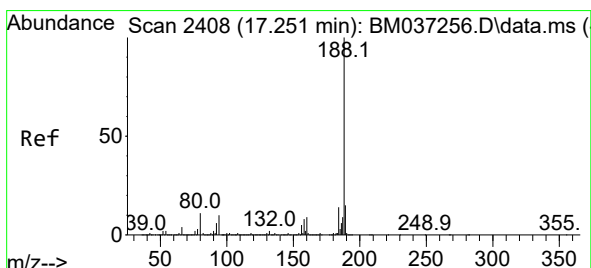
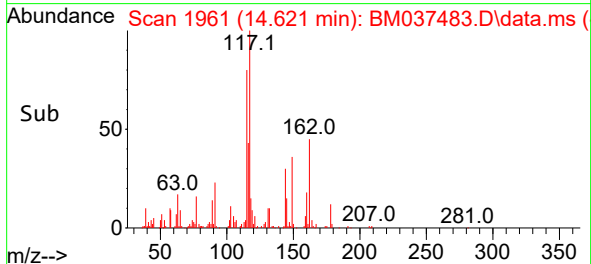
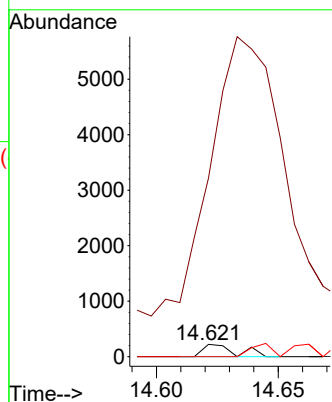
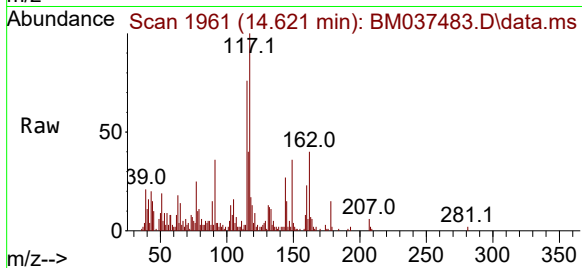




#54
2,4-Dinitrophenol
Concen: 6.479 ng
RT: 14.621 min Scan# 1963
Delta R.T. 0.029 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

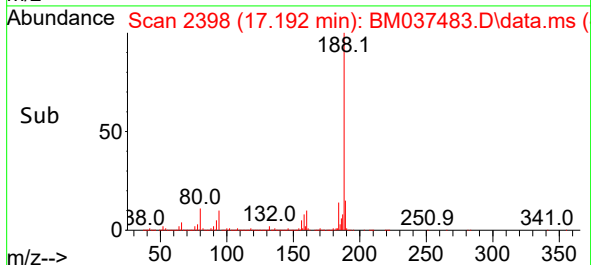
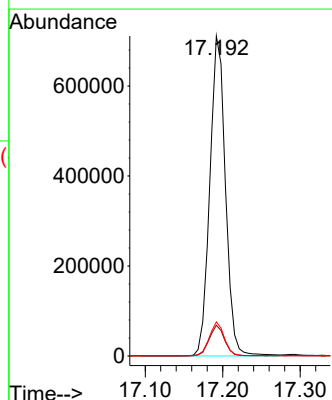
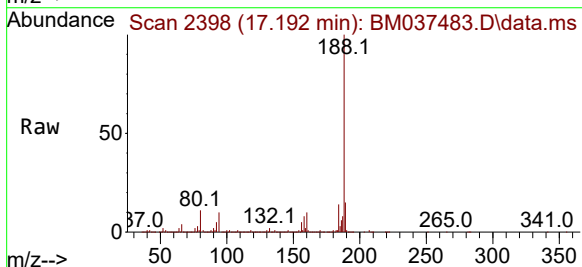
Instrument :
BNA_M
ClientSampleId :
MW3

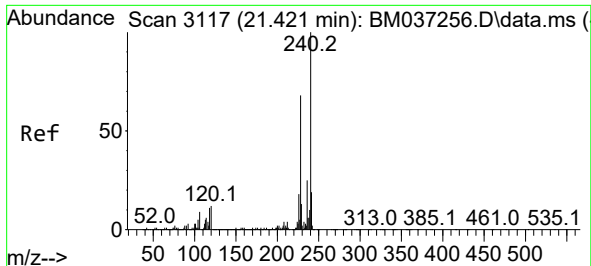
Tgt Ion:184 Resp: 209
Ion Ratio Lower Upper
184 100
63 1457.9 57.7 86.5#
154 0.0 48.3 72.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:188 Resp: 998284
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.7 8.5 12.7

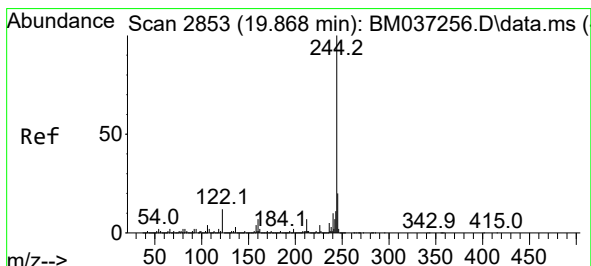
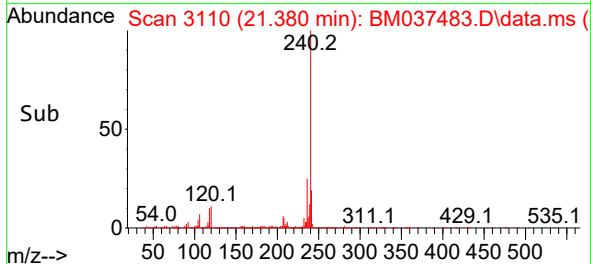
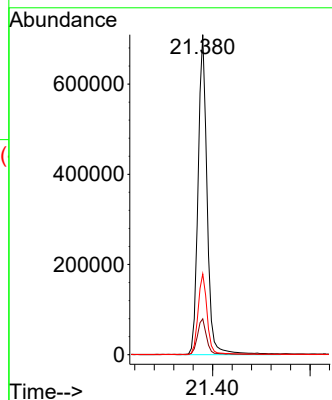
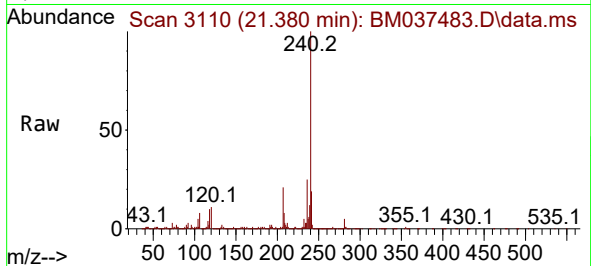




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

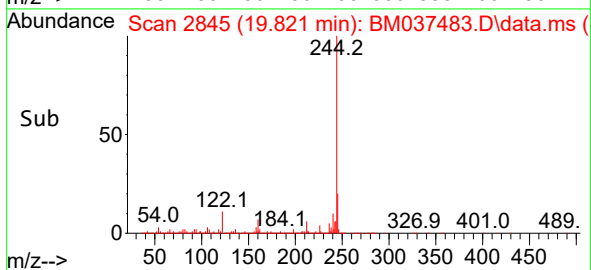
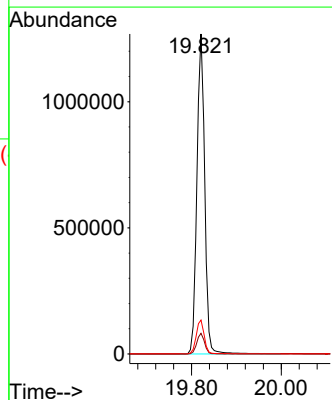
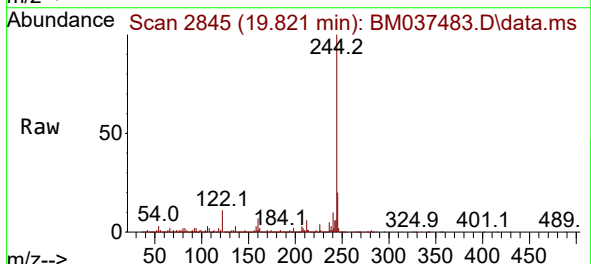
Instrument :
BNA_M
ClientSampleId :
MW3

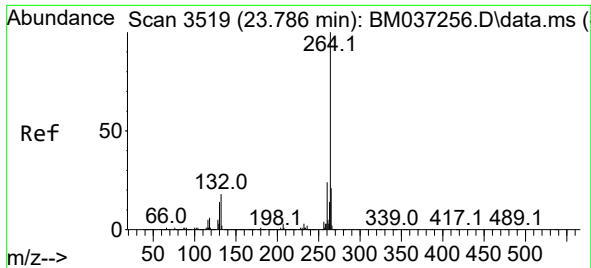
Tgt Ion:240 Resp: 921804
Ion Ratio Lower Upper
240 100
120 11.2 9.9 14.9
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 29.814 ng
RT: 19.821 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BM037483.D
Acq: 12 Nov 2022 00:56

Tgt Ion:244 Resp: 1532528
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.2
122 10.6 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BM037483.D
 Acq: 12 Nov 2022 00:56

Instrument :
 BNA_M
 ClientSampleId :
 MW3

Tgt Ion:264 Resp: 945573
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 22.4 17.7 26.5

