

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054902.D
 Acq On : 9 Sep 2022 18:25
 Operator : CG/JU
 Sample : N4537-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW14

Quant Time: Sep 10 02:00:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

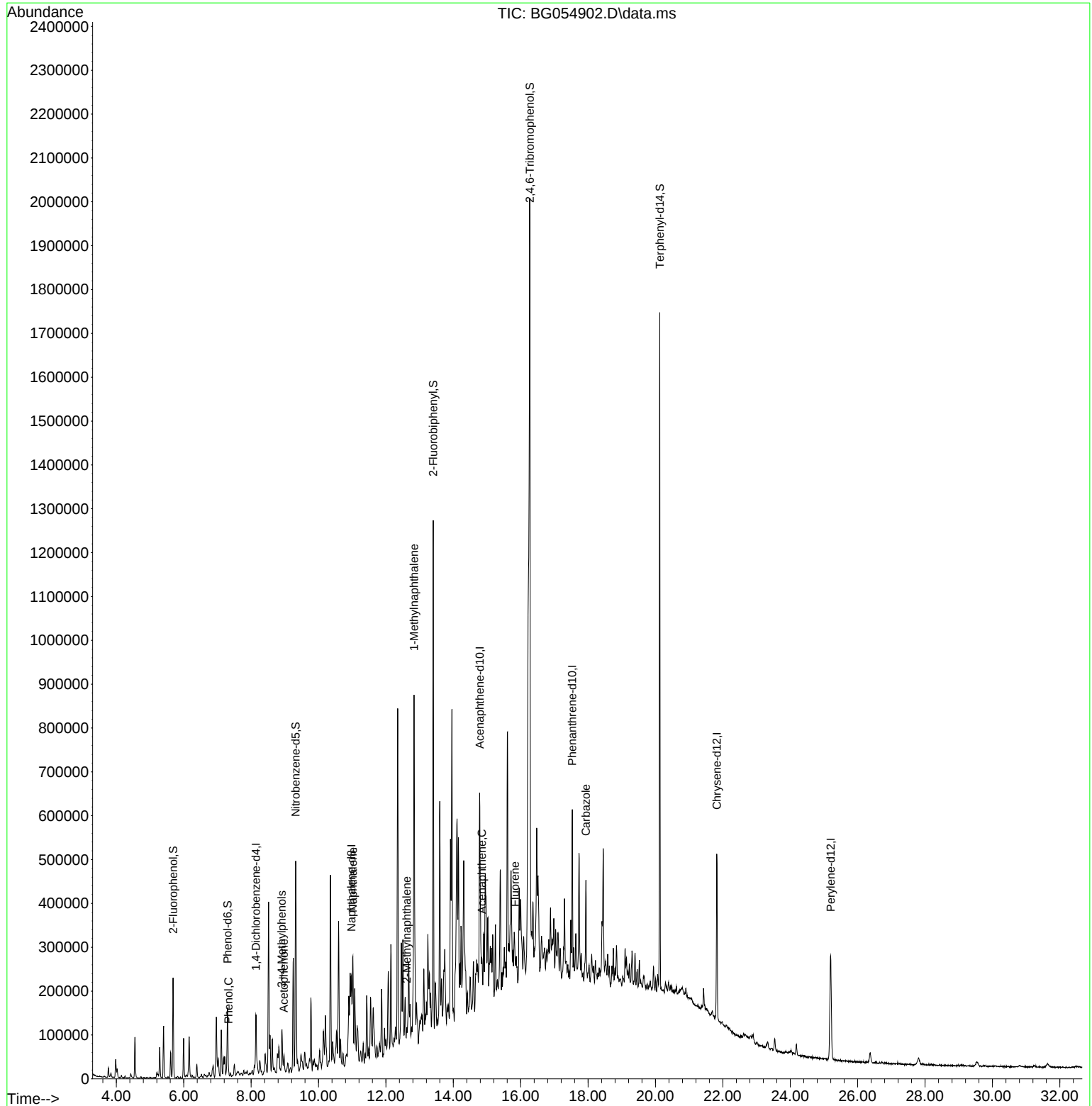
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	37829	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	165372	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	129805	20.000	ng	# 0.00
64) Phenanthrene-d10	17.529	188	248080	20.000	ng	0.00
76) Chrysene-d12	21.818	240	245489	20.000	ng	0.00
86) Perylene-d12	25.197	264	261985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	113450	52.224	ng	0.00
7) Phenol-d6	7.300	99	105441	35.491	ng	0.00
23) Nitrobenzene-d5	9.321	82	236875	75.195	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	183192	112.942	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	646861	74.900	ng	0.00
79) Terphenyl-d14	20.126	244	766261	61.846	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.330	94	6978	2.284	ng	95
20) 3+4-Methylphenols	8.910	107	44956	15.412	ng	86
22) Acetophenone	8.969	105	12776	3.088	ng	# 99
31) Naphthalene	11.019	128	128484	14.481	ng	# 95
37) 2-Methylnaphthalene	12.617	142	20238	3.254	ng	# 95
38) 1-Methylnaphthalene	12.835	142	251099	41.502	ng	# 96
52) Acenaphthene	14.844	154	19152	2.468	ng	# 89
58) Fluorene	15.825	166	32796	3.414	ng	# 93
73) Carbazole	17.935	167	154098	13.017	ng	100

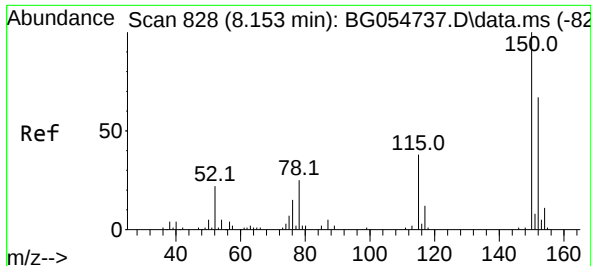
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
Data File : BG054902.D
Acq On : 9 Sep 2022 18:25
Operator : CG/JU
Sample : N4537-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW14

Quant Time: Sep 10 02:00:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 10 01:53:42 2022
Response via : Initial Calibration

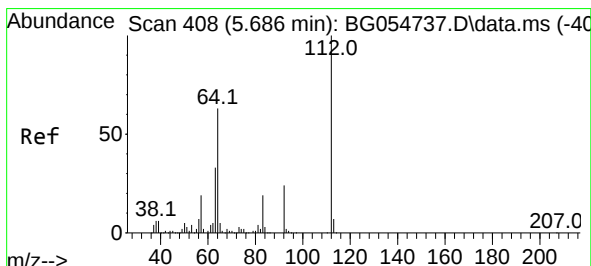
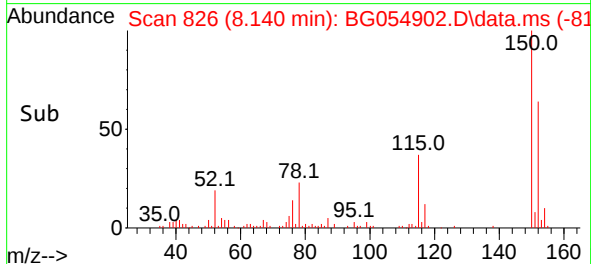
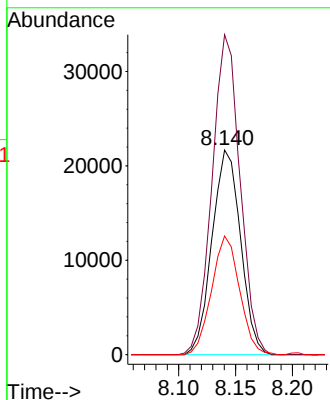
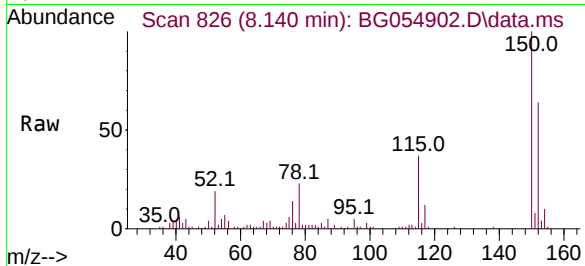




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

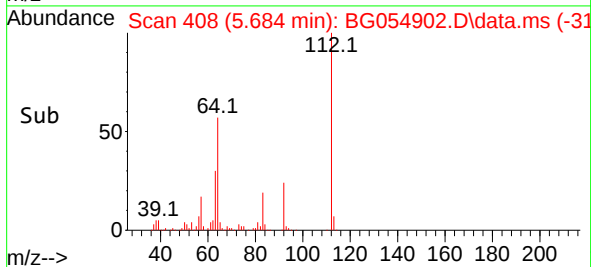
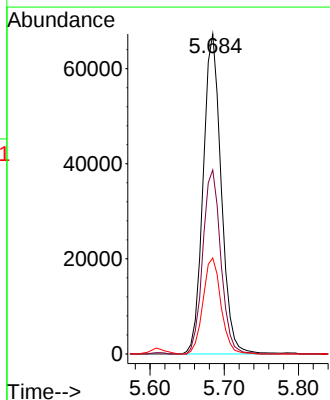
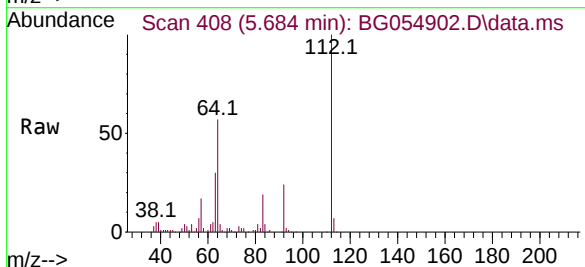
Instrument :
BNA_G
ClientSampleId :
MW14

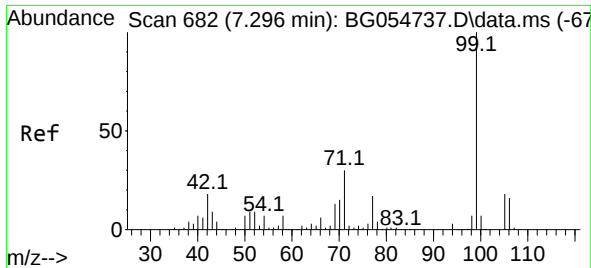
Tgt Ion:152 Resp: 37829
Ion Ratio Lower Upper
152 100
150 156.5 125.2 187.8
115 58.0 47.9 71.9



#5
2-Fluorophenol
Concen: 52.224 ng
RT: 5.684 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion:112 Resp: 113450
Ion Ratio Lower Upper
112 100
64 57.5 49.3 73.9
63 30.0 26.3 39.5

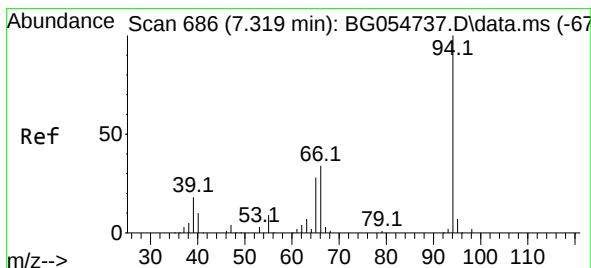
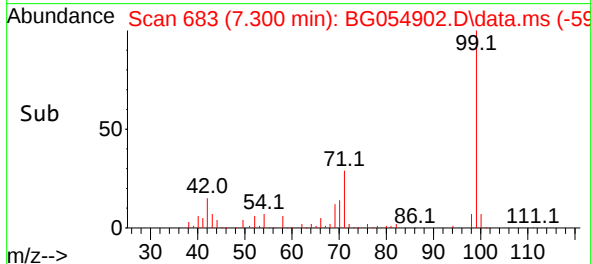
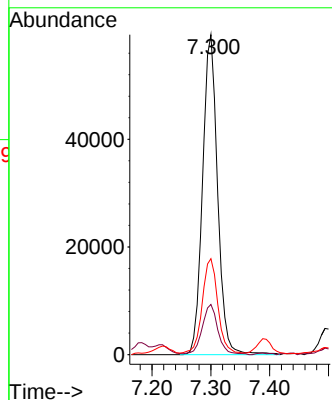
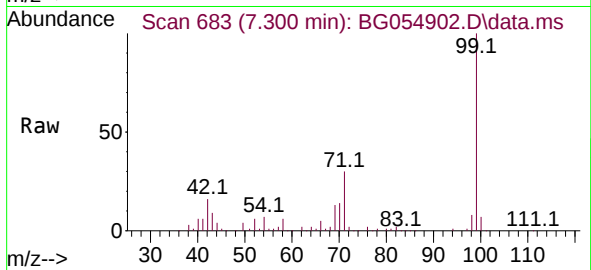




#7
Phenol-d6
Concen: 35.491 ng
RT: 7.300 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

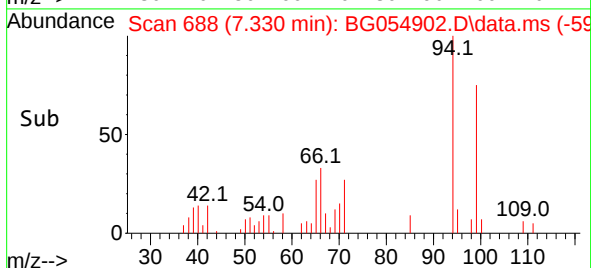
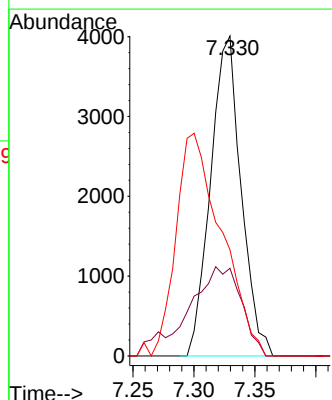
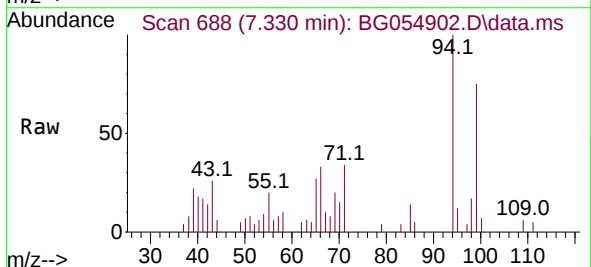
Instrument :
BNA_G
ClientSampleId :
MW14

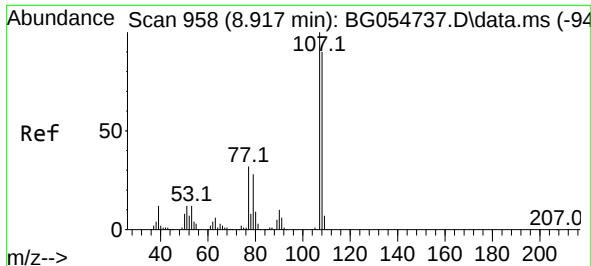
Tgt Ion: 99 Resp: 105441
Ion Ratio Lower Upper
99 100
42 15.7 14.6 22.0
71 30.0 24.6 37.0



#10
Phenol
Concen: 2.284 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion: 94 Resp: 6978
Ion Ratio Lower Upper
94 100
65 27.4 9.9 49.9
66 33.2 16.4 56.4

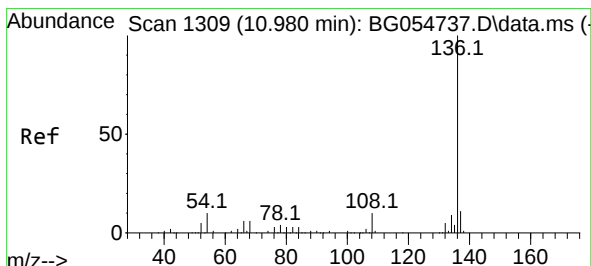
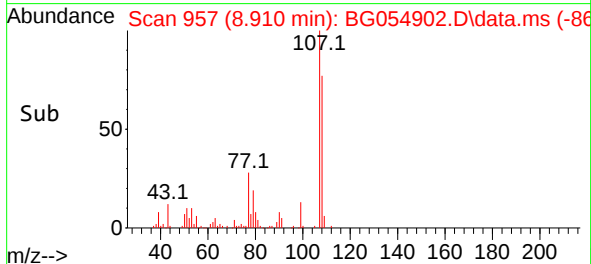
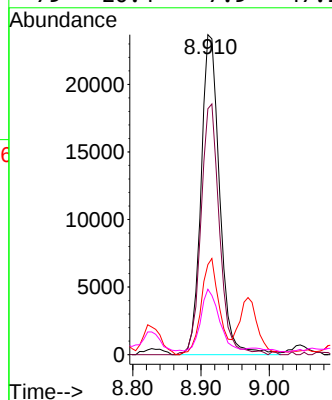
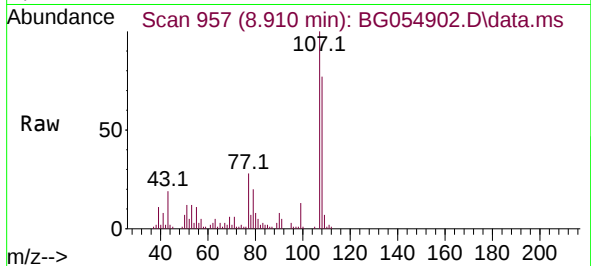




#20
3+4-Methylphenols
Concen: 15.412 ng
RT: 8.910 min Scan# 910
Delta R.T. -0.012 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

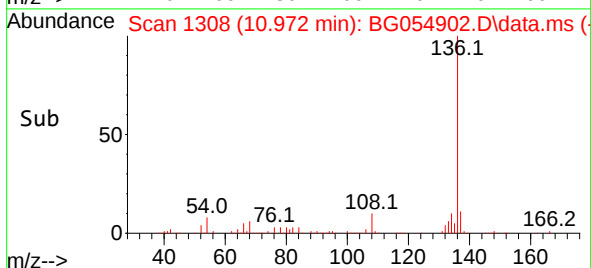
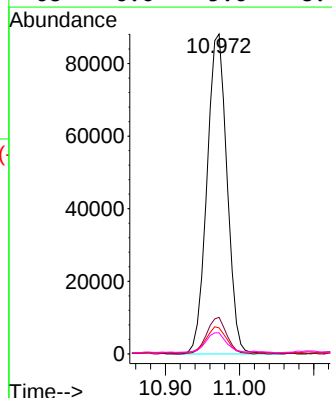
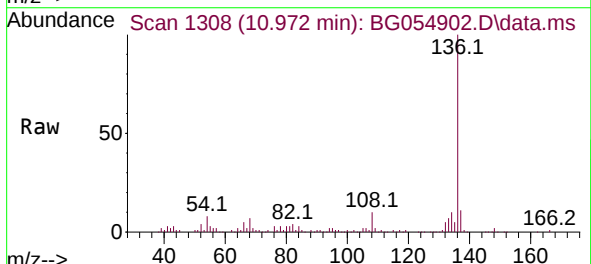
Instrument :
BNA_G
ClientSampleId :
MW14

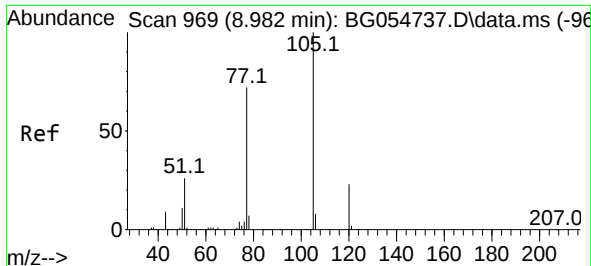
Tgt Ion:107	Resp:	44956
Ion Ratio	Lower	Upper
107	100	
108	76.8	71.6 111.6
77	28.1	13.1 53.1
79	20.4	7.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion:136	Resp:	165372
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	8.1	7.7 11.5
68	6.6	5.6 8.4

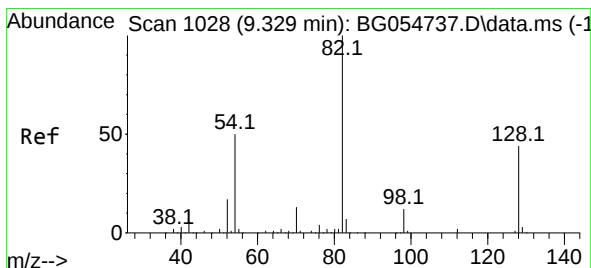
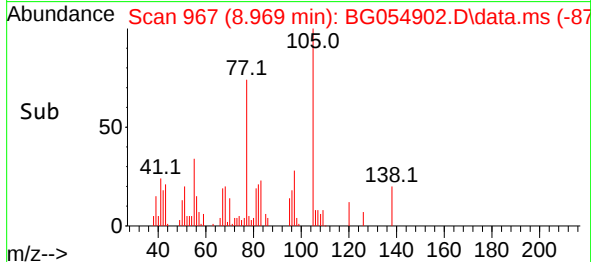
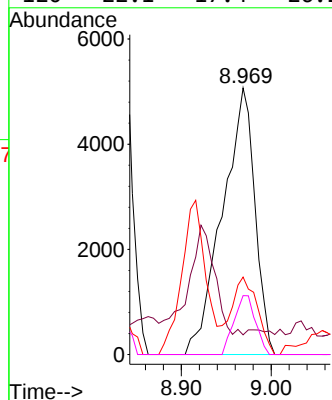
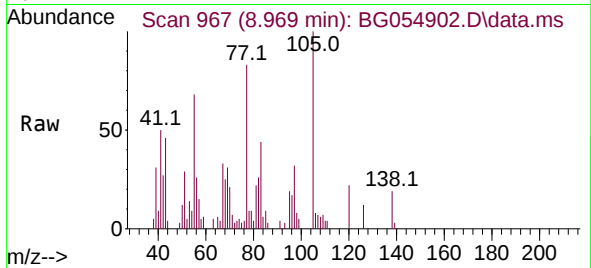




#22
Acetophenone
Concen: 3.088 ng
RT: 8.969 min Scan# 969
Delta R.T. -0.006 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

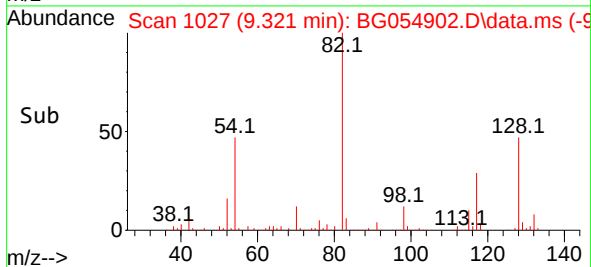
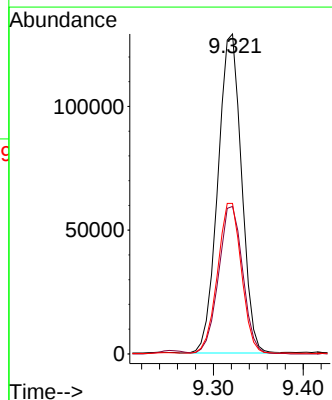
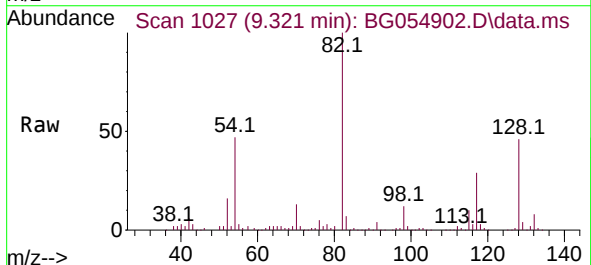
Instrument :
BNA_G
ClientSampleId :
MW14

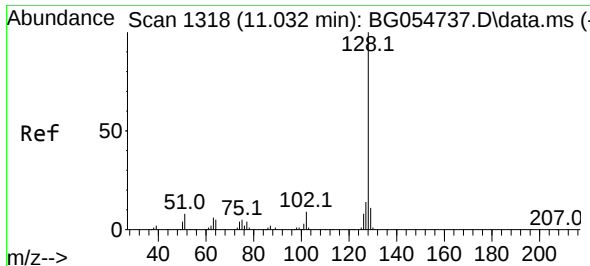
Tgt Ion:105 Resp: 12776
Ion Ratio Lower Upper
105 100
71 7.4 1.2 1.8#
51 29.1 22.9 34.3
120 22.1 17.4 26.2



#23
Nitrobenzene-d5
Concen: 75.195 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion: 82 Resp: 236875
Ion Ratio Lower Upper
82 100
128 46.1 32.2 48.2
54 47.0 41.4 62.0

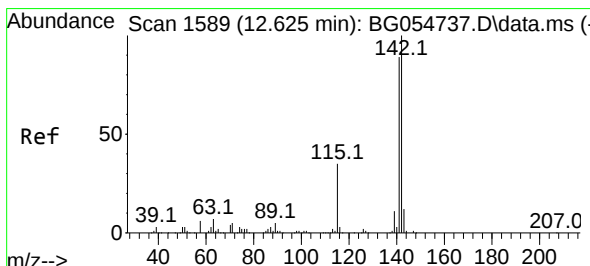
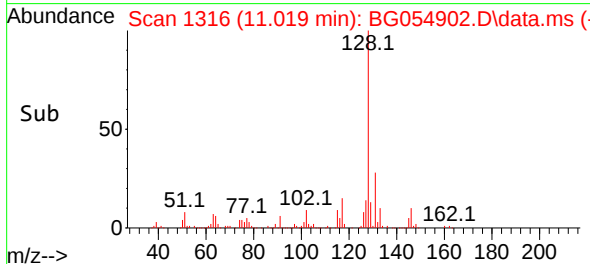
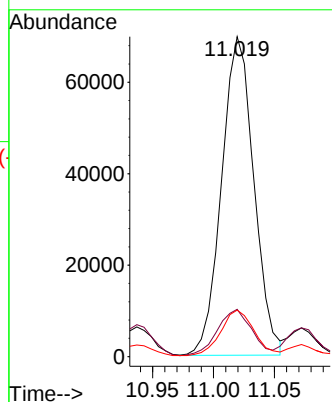
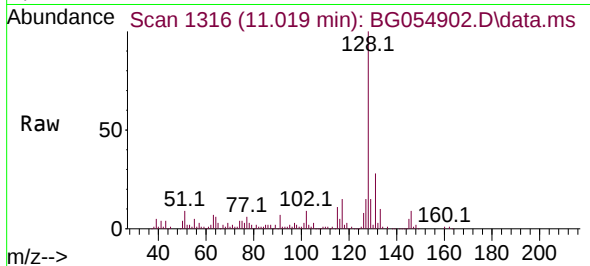




#31
Naphthalene
Concen: 14.481 ng
RT: 11.019 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

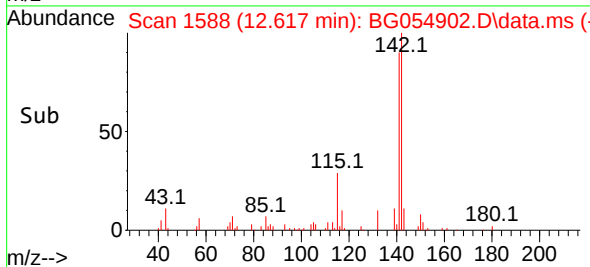
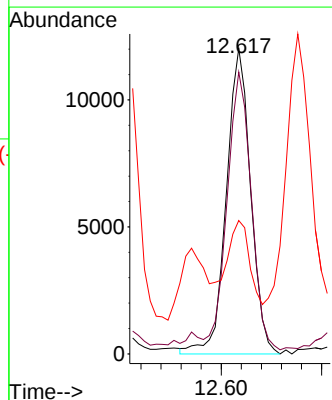
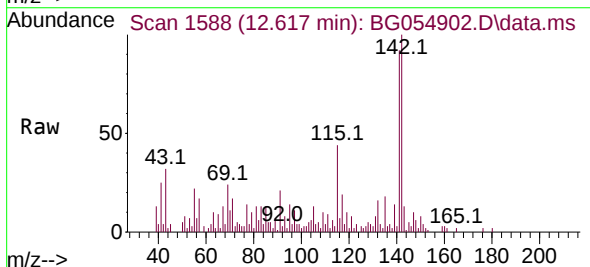
Instrument :
BNA_G
ClientSampleId :
MW14

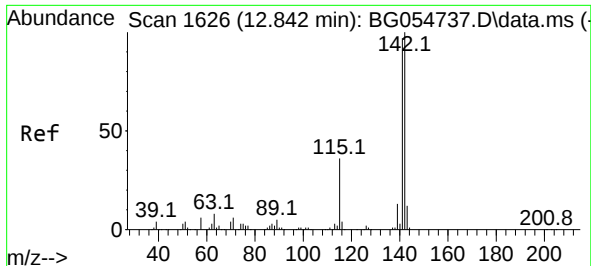
Tgt Ion:128 Resp: 128484
Ion Ratio Lower Upper
128 100
129 14.8 9.0 13.4#
127 14.5 11.1 16.7



#37
2-Methylnaphthalene
Concen: 3.254 ng
RT: 12.617 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion:142 Resp: 20238
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.4
115 43.7 27.3 40.9#

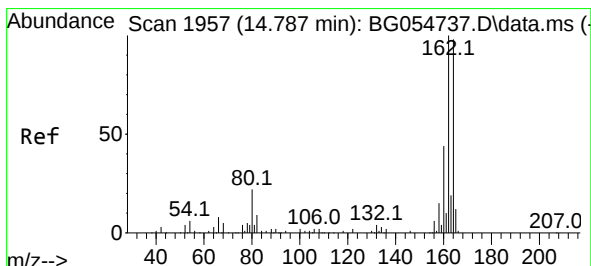
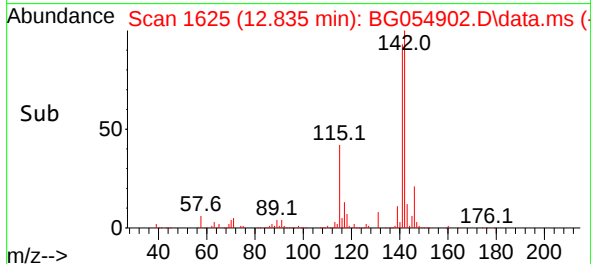
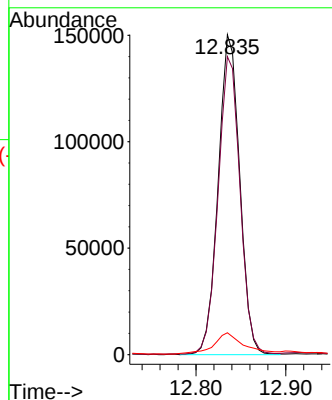
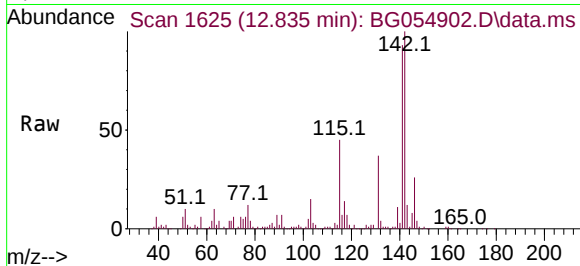




#38
1-Methylnaphthalene
Concen: 41.502 ng
RT: 12.835 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

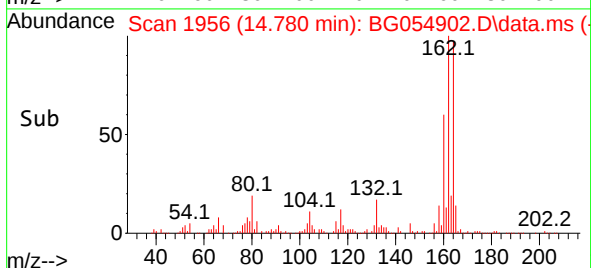
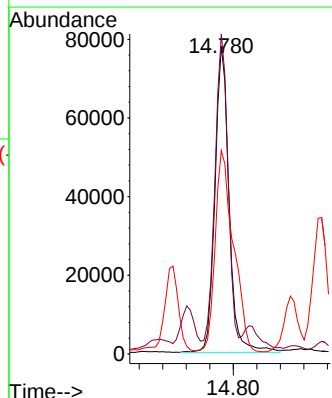
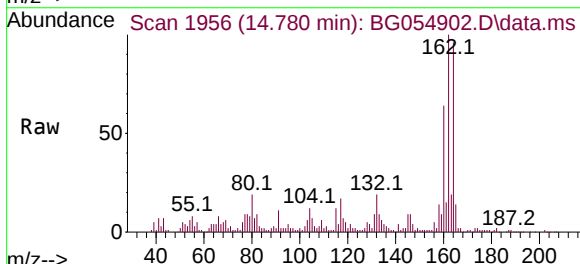
Instrument :
BNA_G
ClientSampleId :
MW14

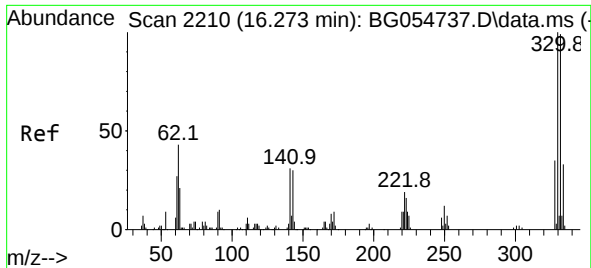
Tgt Ion:142 Resp: 251099
Ion Ratio Lower Upper
142 100
141 93.1 77.4 116.0
116 6.8 3.0 4.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion:164 Resp: 129805
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.4
160 66.0 38.0 57.0#

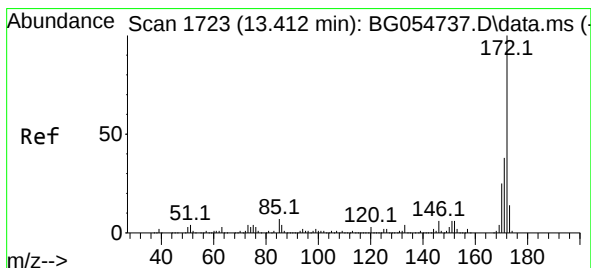
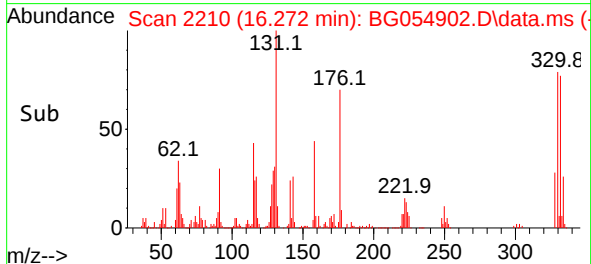
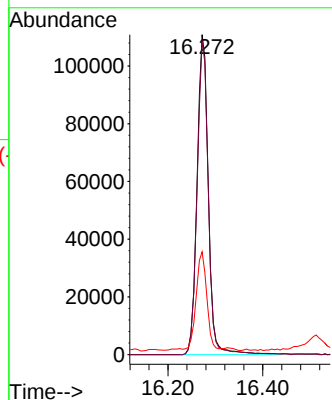
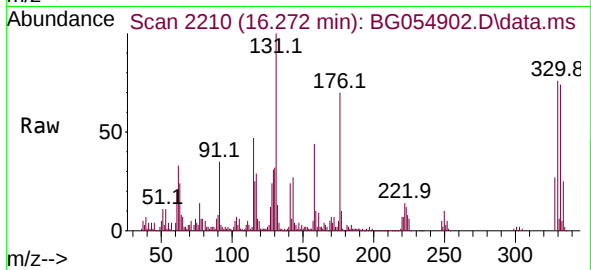




#42
 2,4,6-Tribromophenol
 Concen: 112.942 ng
 RT: 16.272 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054902.D
 Acq: 9 Sep 2022 18:25

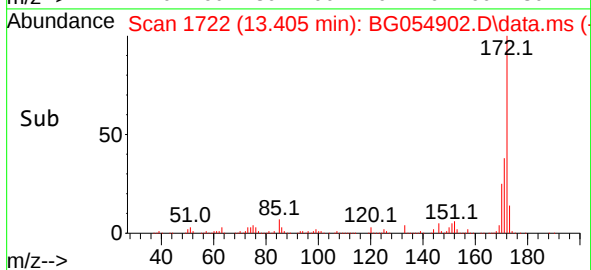
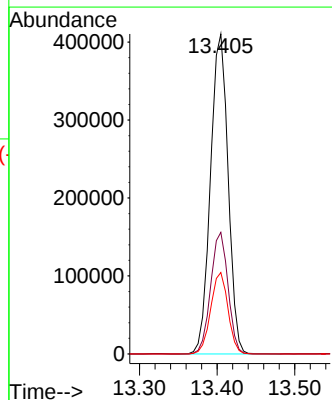
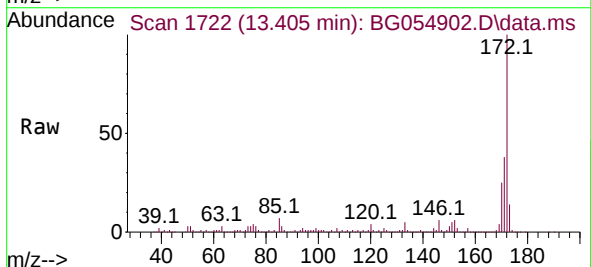
Instrument :
 BNA_G
 ClientSampleId :
 MW14

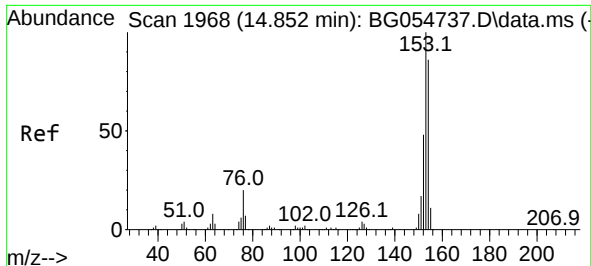
Tgt Ion:330 Resp: 183192
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.8 119.6
 141 30.3 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 74.900 ng
 RT: 13.405 min Scan# 1722
 Delta R.T. 0.000 min
 Lab File: BG054902.D
 Acq: 9 Sep 2022 18:25

Tgt Ion:172 Resp: 646861
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.2 46.8
 170 25.4 20.6 30.8

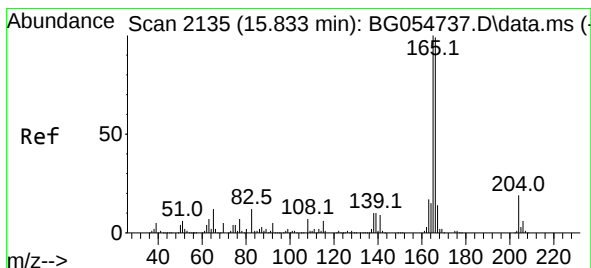
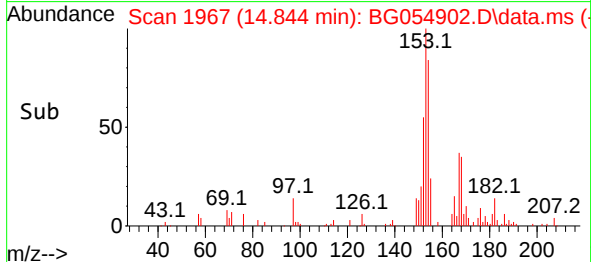
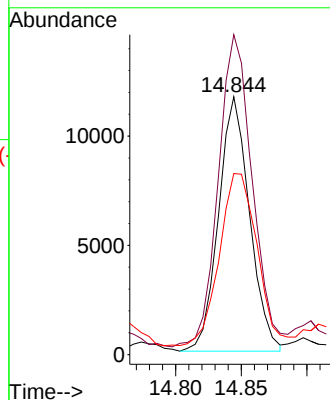
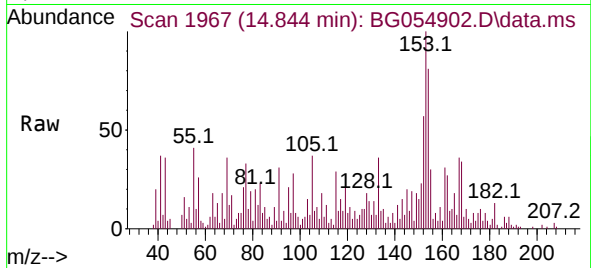




#52
Acenaphthene
Concen: 2.468 ng
RT: 14.844 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

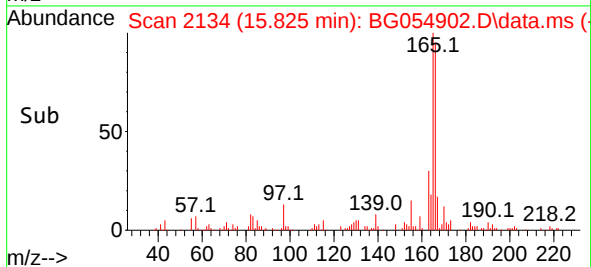
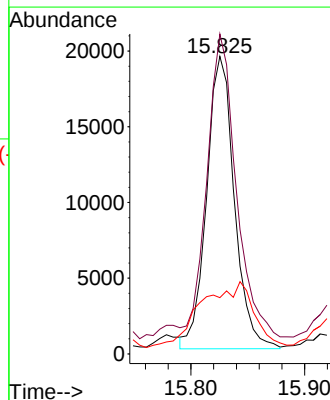
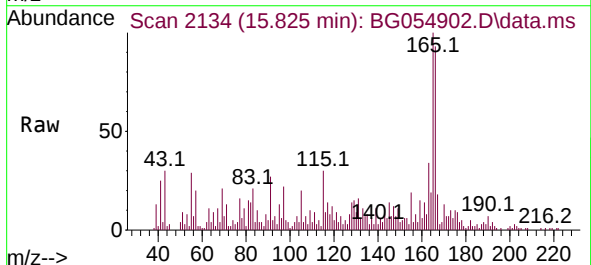
Instrument :
BNA_G
ClientSampleId :
MW14

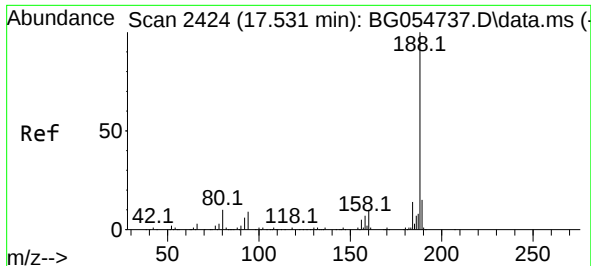
Tgt Ion:154 Resp: 19152
Ion Ratio Lower Upper
154 100
153 124.1 92.8 139.2
152 70.2 45.4 68.2#



#58
Fluorene
Concen: 3.414 ng
RT: 15.825 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion:166 Resp: 32796
Ion Ratio Lower Upper
166 100
165 107.5 80.8 121.2
167 18.9 11.4 17.0#

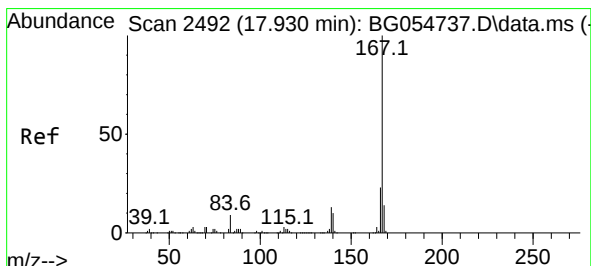
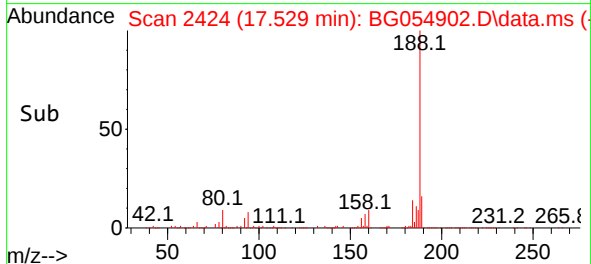
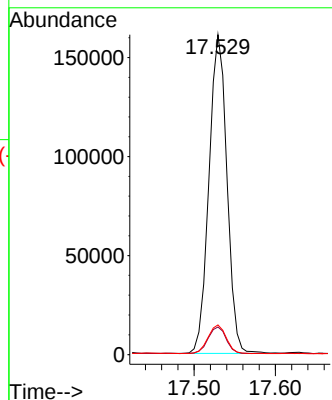
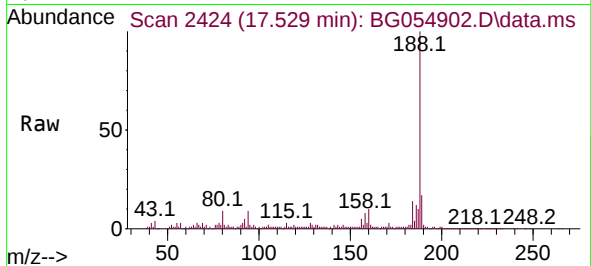




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

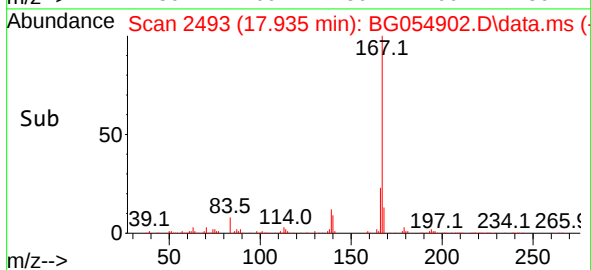
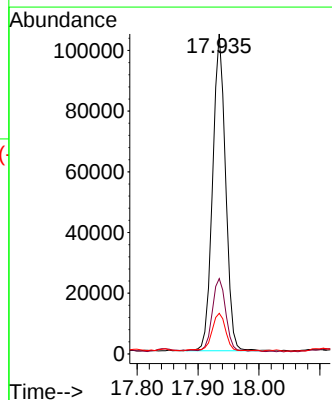
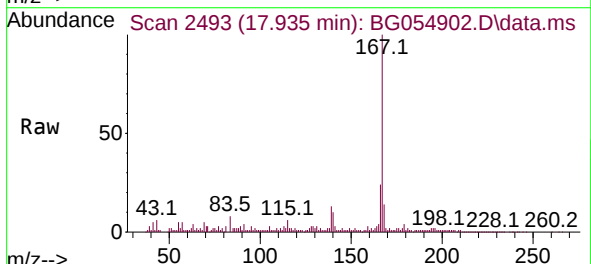
Instrument :
BNA_G
ClientSampleId :
MW14

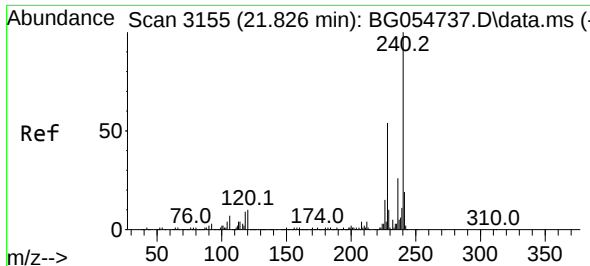
Tgt Ion:188 Resp: 248080
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.3 7.9 11.9



#73
Carbazole
Concen: 13.017 ng
RT: 17.935 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Tgt Ion:167 Resp: 154098
Ion Ratio Lower Upper
167 100
166 23.5 18.8 28.2
139 12.7 10.2 15.4

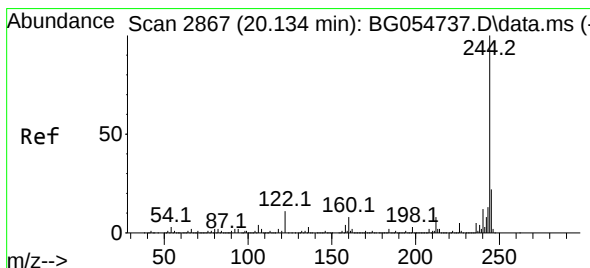
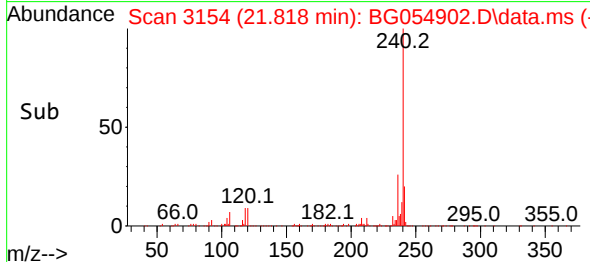
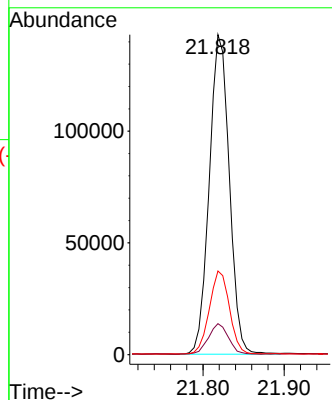
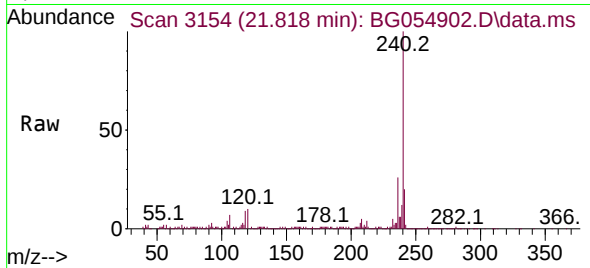




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

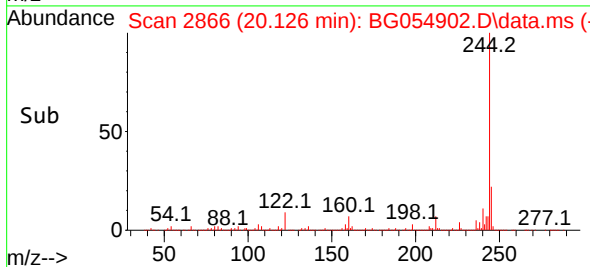
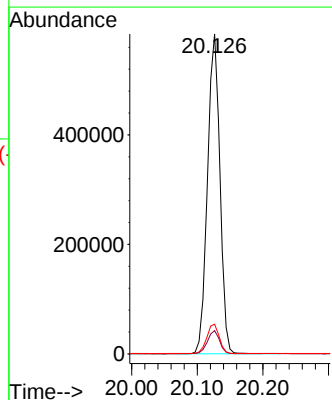
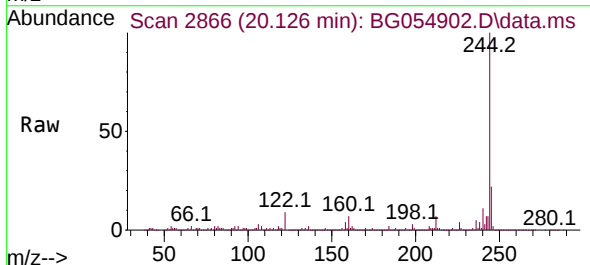
Instrument :
BNA_G
ClientSampleId :
MW14

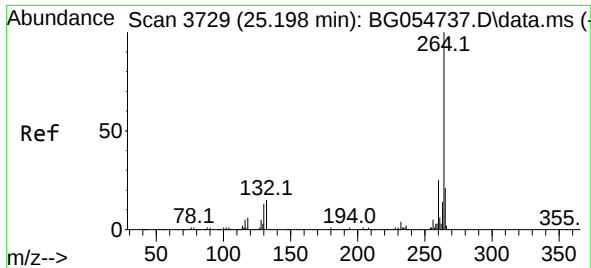
Tgt Ion:	240	Resp:	245489
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.2	12.4
236	26.1	21.2	31.8



#79
Terphenyl-d14
Concen: 61.846 ng
RT: 20.126 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

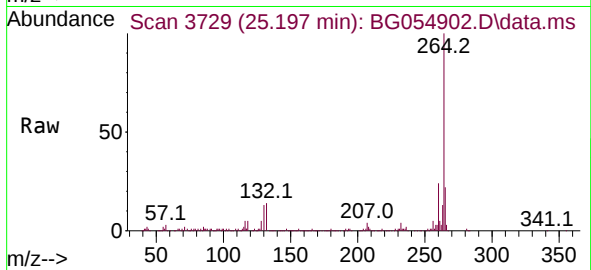
Tgt Ion:	244	Resp:	766261
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	9.3	9.0	13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054902.D
Acq: 9 Sep 2022 18:25

Instrument :
BNA_G
ClientSampleId :
MW14



Tgt Ion:264 Resp: 261985

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	22.0	16.9	25.3

