

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049158.D
 Acq On : 1 Jul 2021 18:02
 Operator : CG/JU
 Sample : M2875-19RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12RE

Quant Time: Jul 02 01:52:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

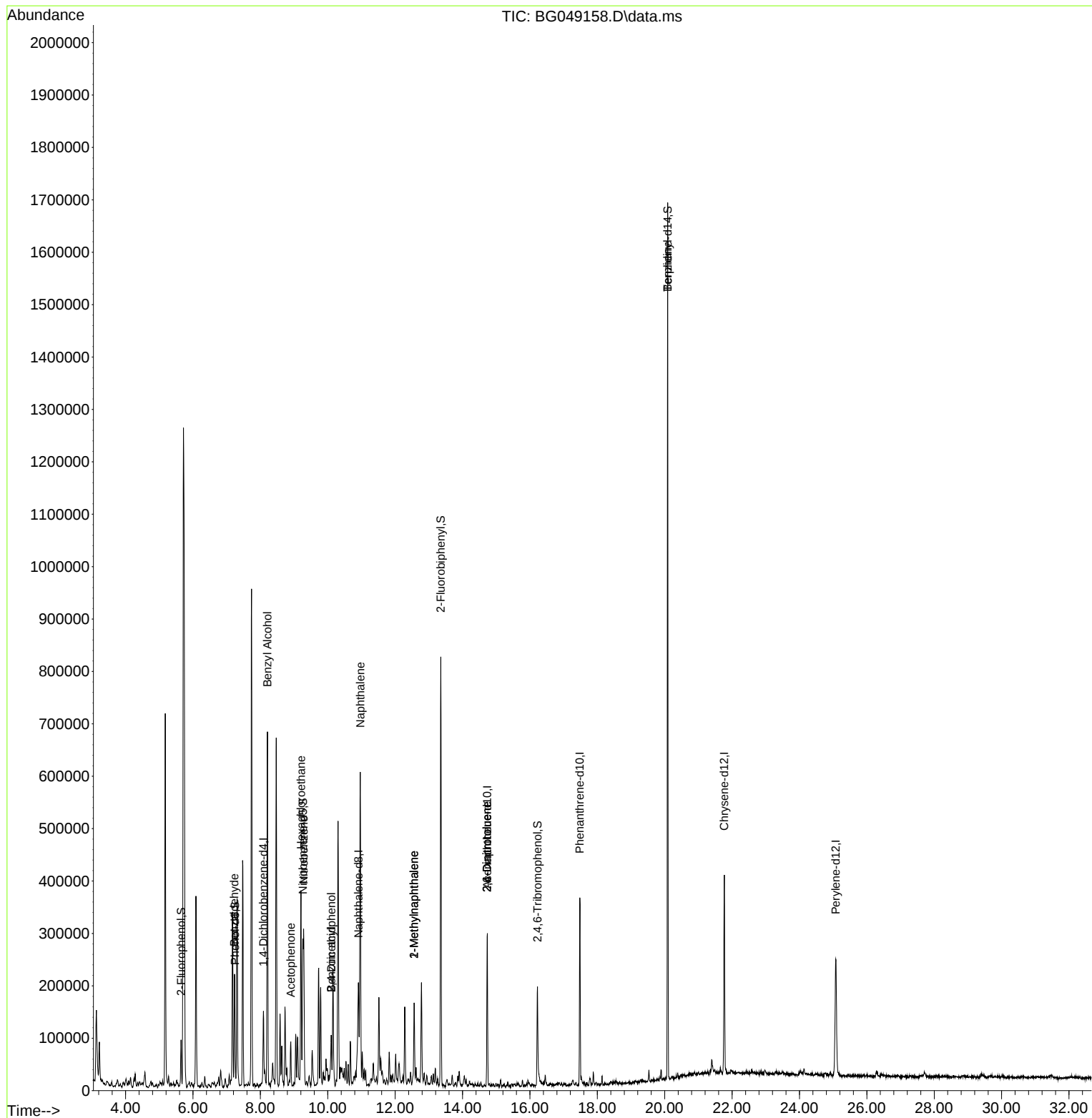
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	37812	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	144807	20.00	ng	# 0.00
39) Acenaphthene-d10	14.736	164	103631	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	231507	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	237976	20.00	ng	0.00
86) Perylene-d12	25.076	264	259637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	32664	13.53	ng	0.00
7) Phenol-d6	7.244	99	24498	7.12	ng	0.00
23) Nitrobenzene-d5	9.260	82	157357	46.07	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	47546	26.47	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	429255	55.88	ng	0.00
79) Terphenyl-d14	20.088	244	768516	54.72	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.227	77	15601	8.62	ng	# 1
15) Benzyl Alcohol	8.208	79	40303	13.30	ng	# 8
18) Hexachloroethane	9.207	117	40771	34.27	ng	# 1
22) Acetophenone	8.901	105	58905	13.64	ng	# 55
24) Nitrobenzene	9.283	77	12461	3.37	ng	# 5
27) 2,4-Dimethylphenol	10.106	122	24479	11.07	ng	# 86
31) Naphthalene	10.964	128	418813	49.68	ng	98
32) Benzoic acid	10.106	122	24479	18.19	ng	# 37
37) 2-Methylnaphthalene	12.562	142	70266	11.07	ng	97
38) 1-Methylnaphthalene	12.562	142	70266	11.69	ng	98
51) 2,6-Dinitrotoluene	14.730	165	13869	7.27	ng	# 13
57) 2,4-Dinitrotoluene	14.730	165	13869	5.12	ng	# 19
77) Benzidine	20.088	184	14496	2.84	ng	# 88

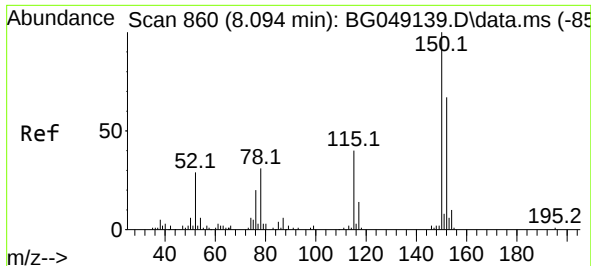
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049158.D
Acq On : 1 Jul 2021 18:02
Operator : CG/JU
Sample : M2875-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-12RE

Quant Time: Jul 02 01:52:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

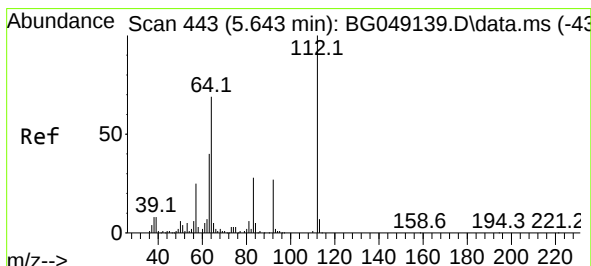
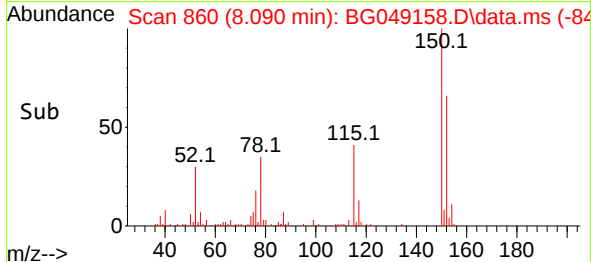
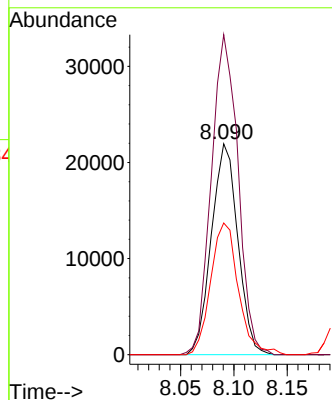
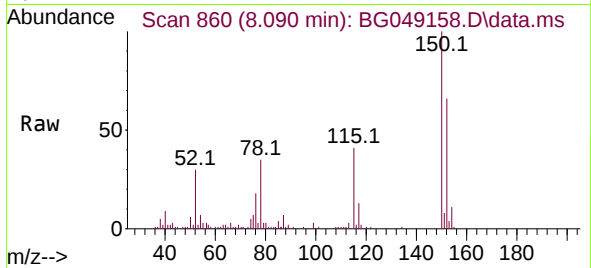




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.004 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

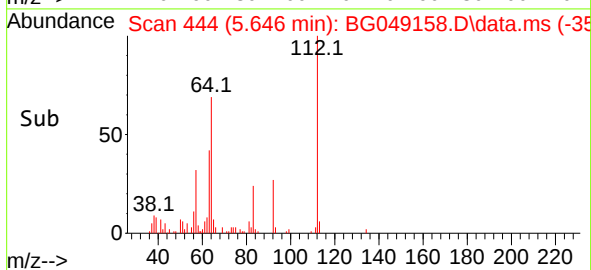
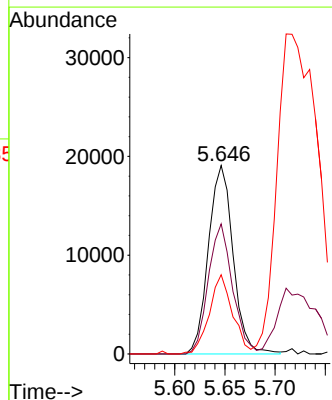
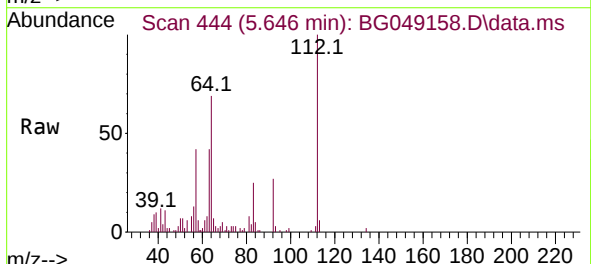
Instrument :
BNA_G
ClientSampleId :
MW-12RE

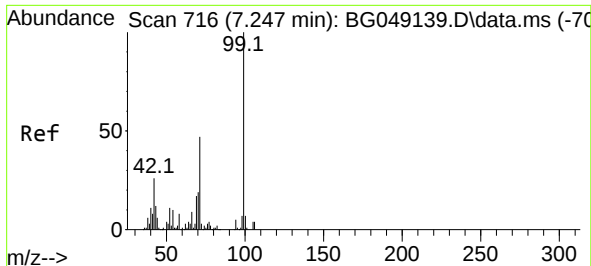
Tgt Ion:152 Resp: 37812
Ion Ratio Lower Upper
152 100
150 151.8 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 13.53 ng
RT: 5.646 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:112 Resp: 32664
Ion Ratio Lower Upper
112 100
64 69.0 46.7 70.1
63 42.0 35.3 52.9

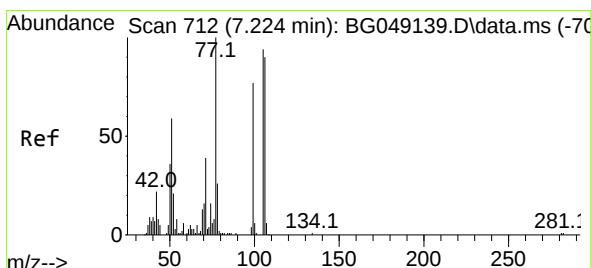
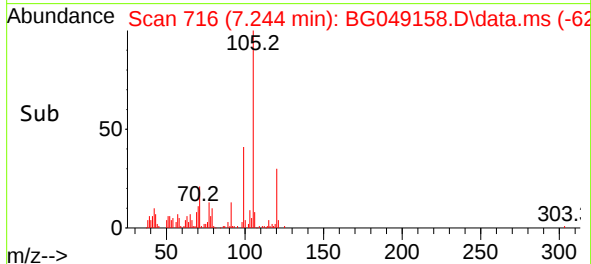
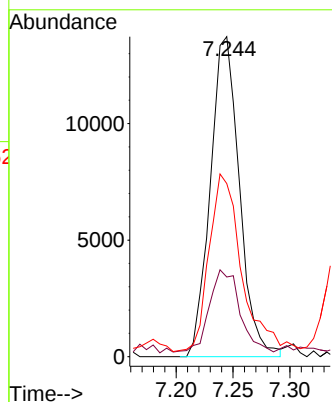
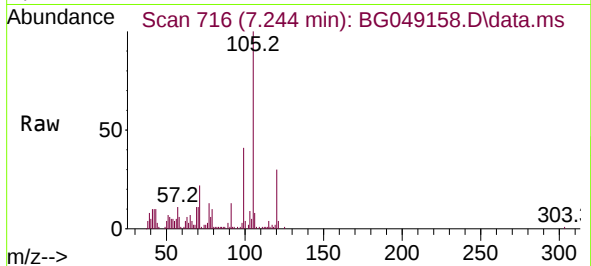




#7
Phenol-d6
Concen: 7.12 ng
RT: 7.244 min Scan# 716
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

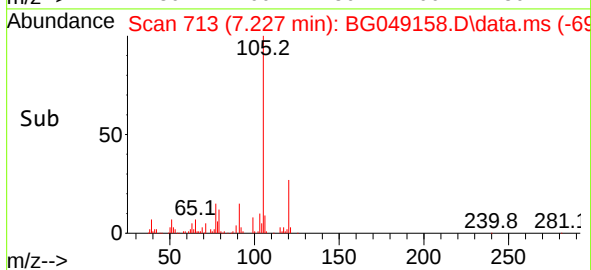
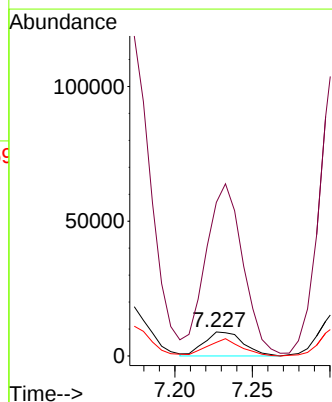
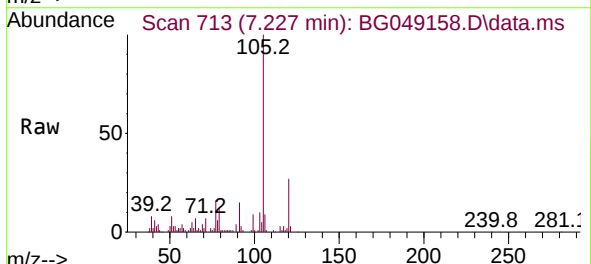
Instrument :
BNA_G
ClientSampleId :
MW-12RE

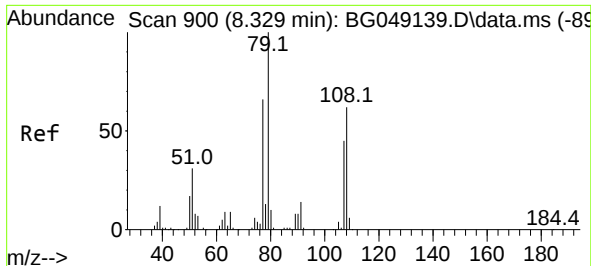
Tgt Ion: 99 Resp: 24498
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 54.1 41.5 62.3



#9
Benzaldehyde
Concen: 8.62 ng
RT: 7.227 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion: 77 Resp: 15601
Ion Ratio Lower Upper
77 100
105 639.4 68.8 108.8#
106 56.3 47.9 87.9

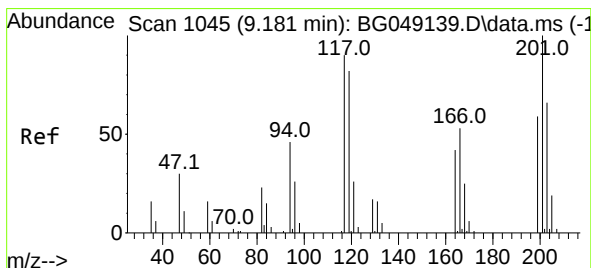
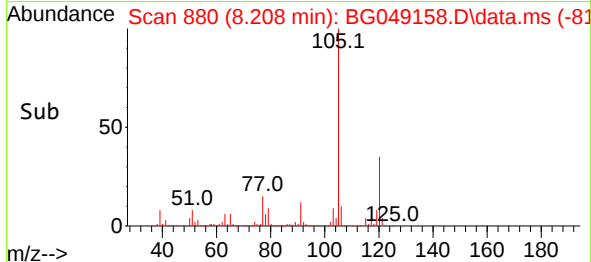
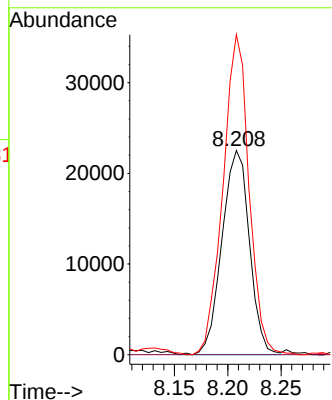
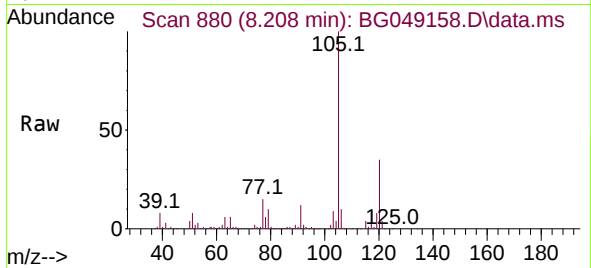




#15
Benzyl Alcohol
Concen: 13.30 ng
RT: 8.208 min Scan# 880
Delta R.T. -0.121 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

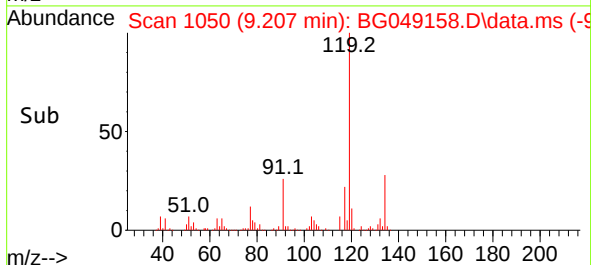
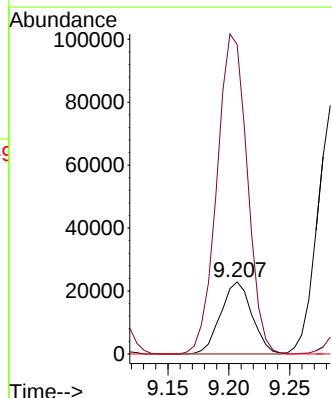
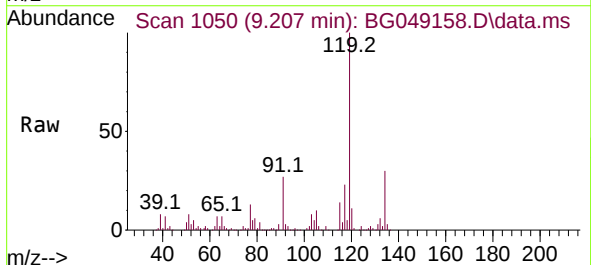
Instrument :
BNA_G
ClientSampleId :
MW-12RE

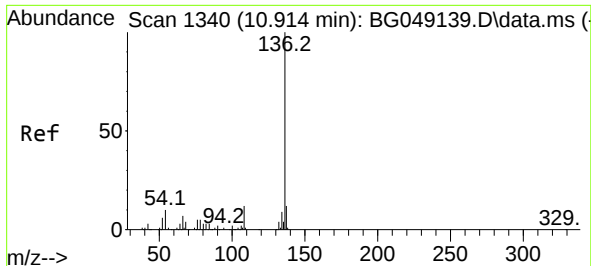
Tgt Ion: 79 Resp: 40303
Ion Ratio Lower Upper
79 100
108 0.0 48.2 72.4#
77 156.8 57.3 85.9#



#18
Hexachloroethane
Concen: 34.27 ng
RT: 9.207 min Scan# 1050
Delta R.T. 0.026 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion: 117 Resp: 40771
Ion Ratio Lower Upper
117 100
119 429.2 74.4 111.6#
201 0.0 88.6 133.0#

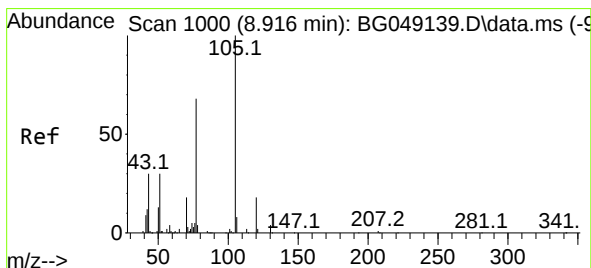
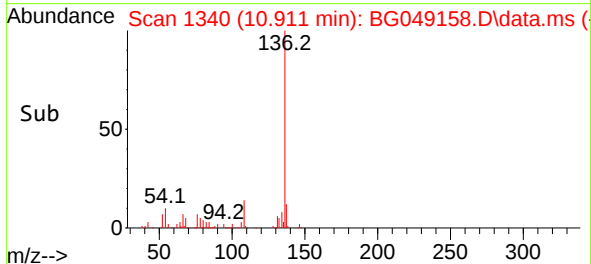
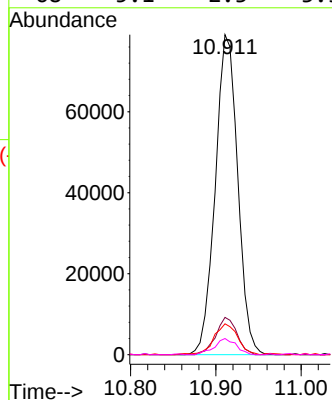
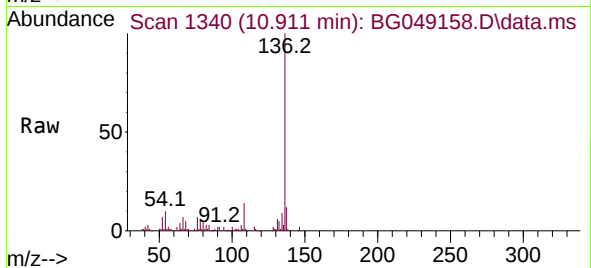




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

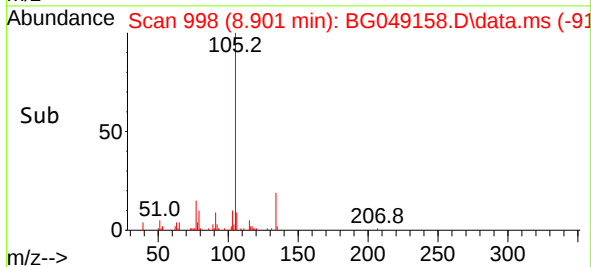
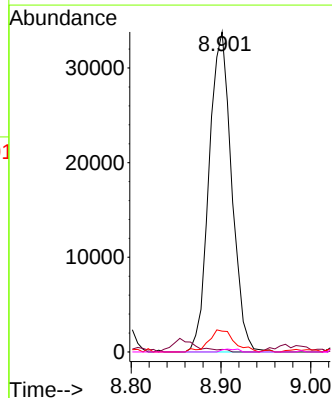
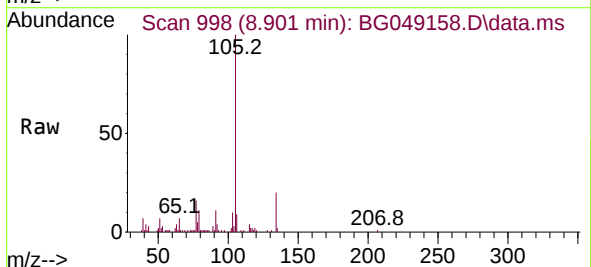
Instrument :
BNA_G
ClientSampleId :
MW-12RE

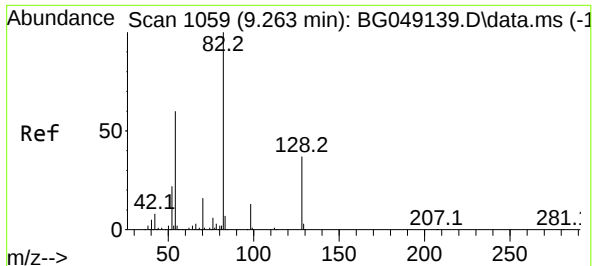
Tgt Ion:136	Resp: 144807
Ion Ratio	Lower Upper
136	100
137	11.7 8.2 12.2
54	9.6 5.5 8.3#
68	5.1 2.3 3.5#



#22
Acetophenone
Concen: 13.64 ng
RT: 8.901 min Scan# 998
Delta R.T. -0.015 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:105	Resp: 58905
Ion Ratio	Lower Upper
105	100
71	0.8 0.6 0.8
51	6.5 26.6 40.0#
120	0.7 16.2 24.4#

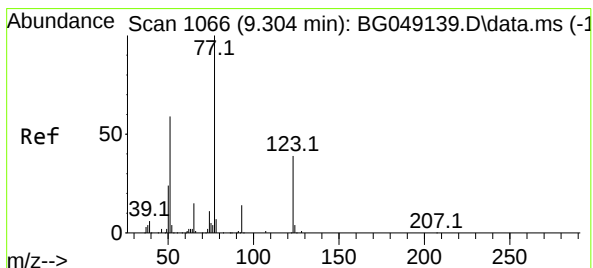
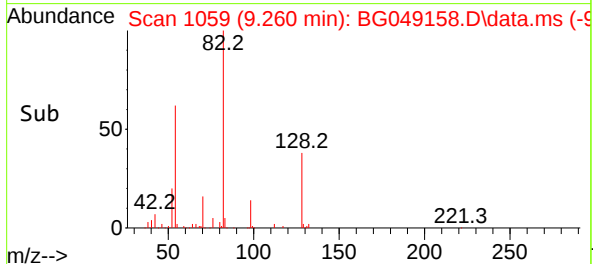
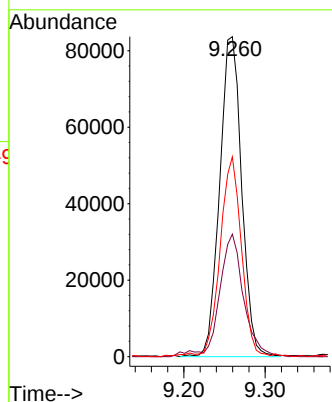
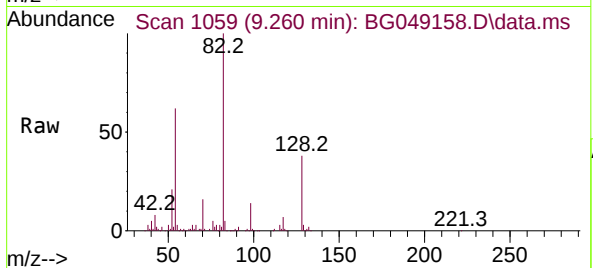




#23
Nitrobenzene-d5
Concen: 46.07 ng
RT: 9.260 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

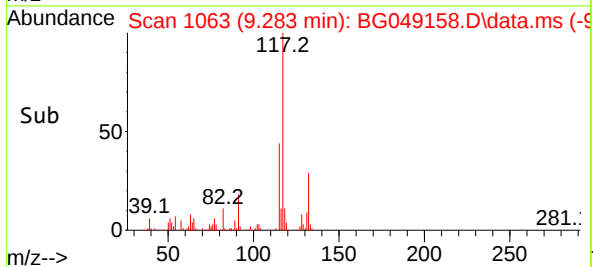
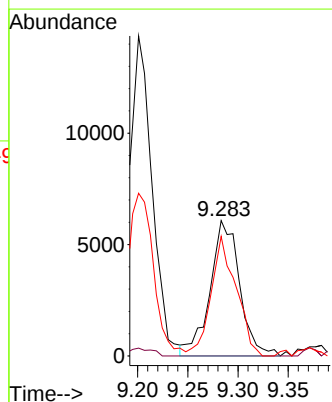
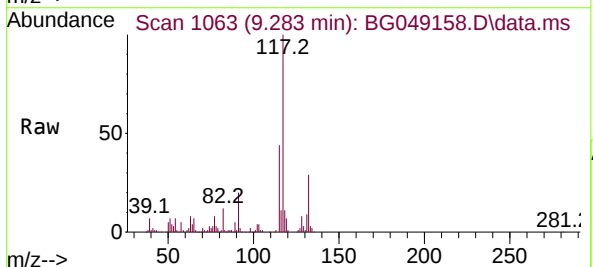
Instrument :
BNA_G
ClientSampleId :
MW-12RE

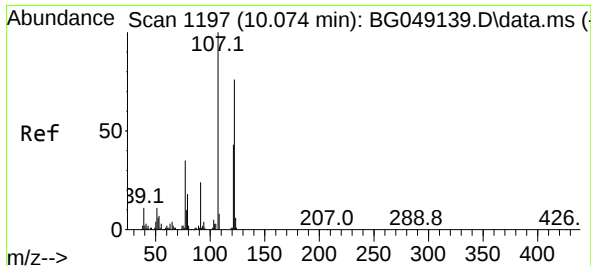
Tgt Ion: 82 Resp: 157357
Ion Ratio Lower Upper
82 100
128 38.3 29.8 44.6
54 62.5 45.8 68.8



#24
Nitrobenzene
Concen: 3.37 ng
RT: 9.283 min Scan# 1063
Delta R.T. -0.021 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion: 77 Resp: 12461
Ion Ratio Lower Upper
77 100
123 0.0 27.5 41.3#
65 88.3 12.6 18.8#

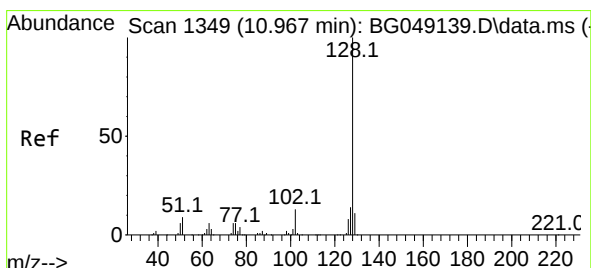
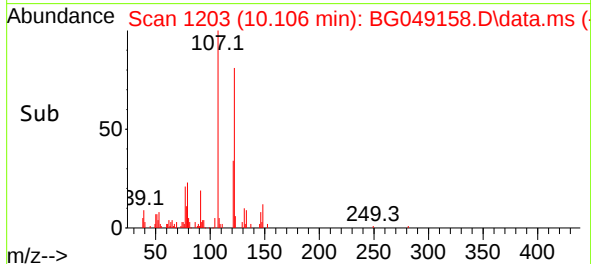
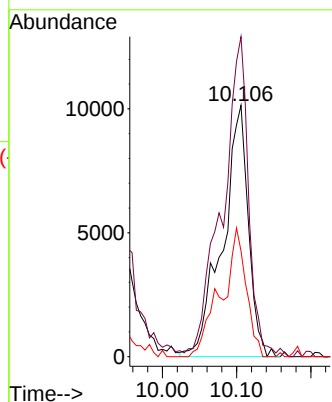
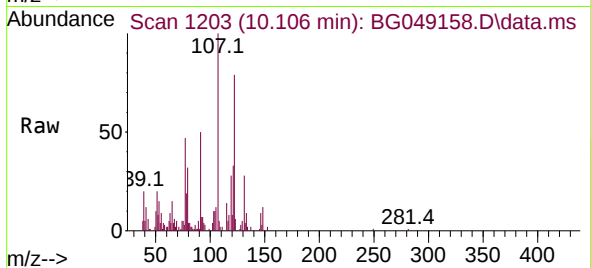




#27
2,4-Dimethylphenol
Concen: 11.07 ng
RT: 10.106 min Scan# 1203
Delta R.T. 0.032 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

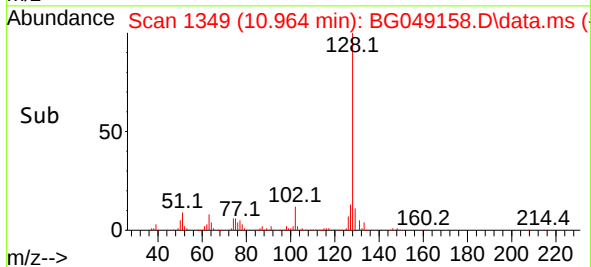
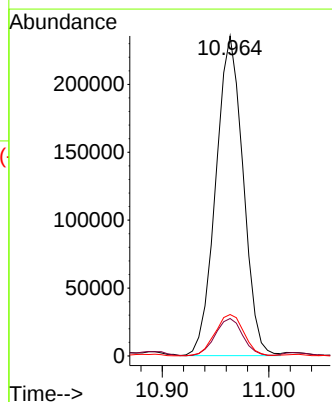
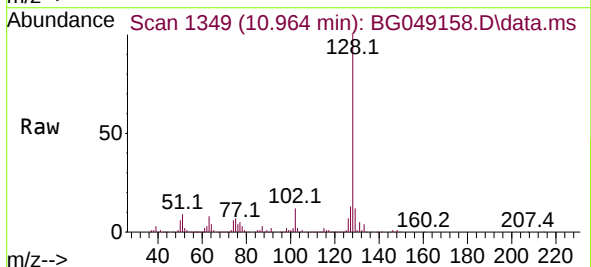
Instrument :
BNA_G
ClientSampleId :
MW-12RE

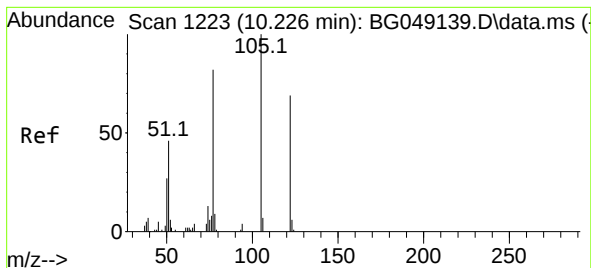
Tgt Ion:122 Resp: 24479
Ion Ratio Lower Upper
122 100
107 127.3 110.1 165.1
121 42.1 49.0 73.6#



#31
Naphthalene
Concen: 49.68 ng
RT: 10.964 min Scan# 1349
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:128 Resp: 418813
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.0 10.2 15.4

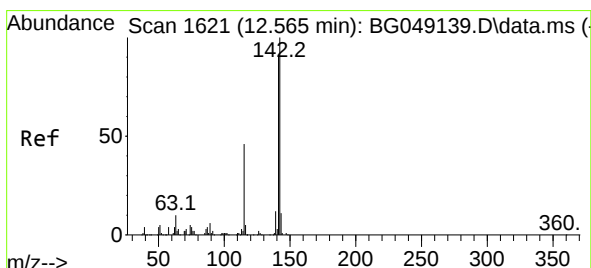
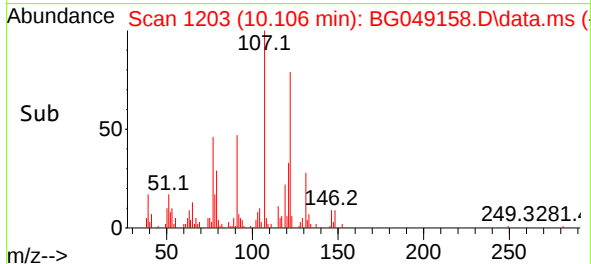
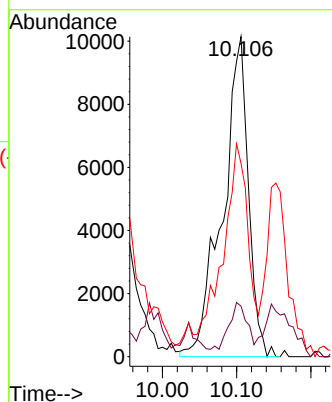
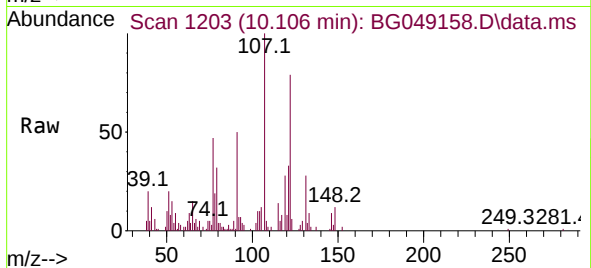




#32
Benzoic acid
Concen: 18.19 ng
RT: 10.106 min Scan# 1203
Delta R.T. -0.120 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

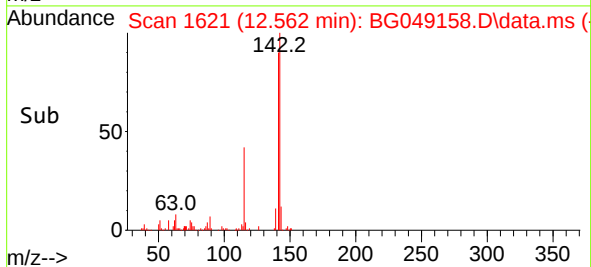
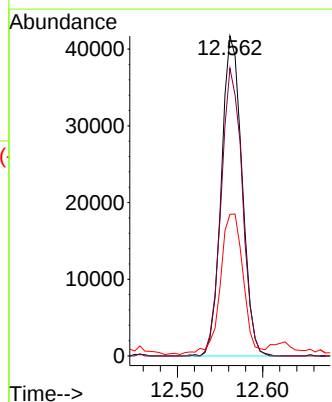
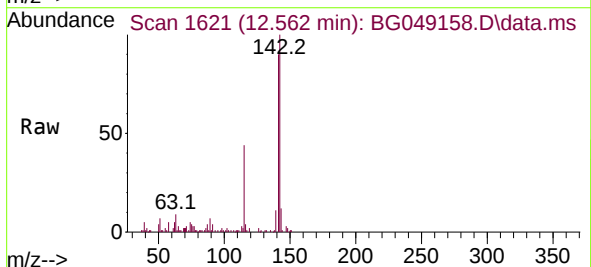
Instrument :
BNA_G
ClientSampleId :
MW-12RE

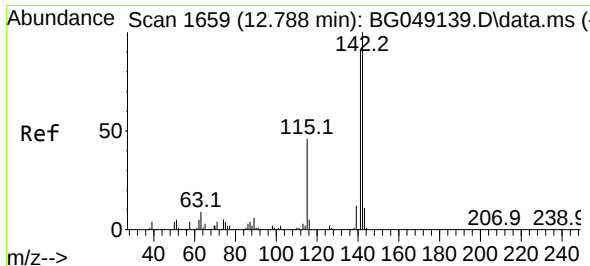
Tgt Ion:122 Resp: 24479
Ion Ratio Lower Upper
122 100
105 15.8 92.3 132.3#
77 60.4 66.5 106.5#



#37
2-Methylnaphthalene
Concen: 11.07 ng
RT: 12.562 min Scan# 1621
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:142 Resp: 70266
Ion Ratio Lower Upper
142 100
141 89.9 68.8 103.2
115 44.3 36.4 54.6

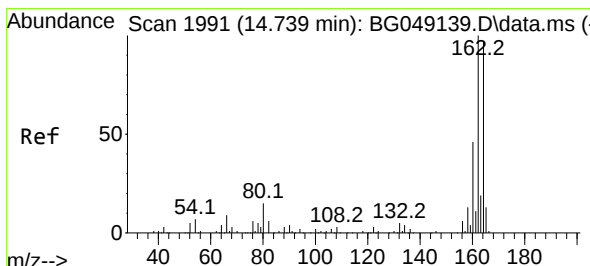
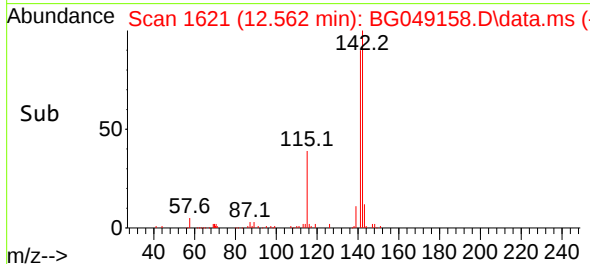
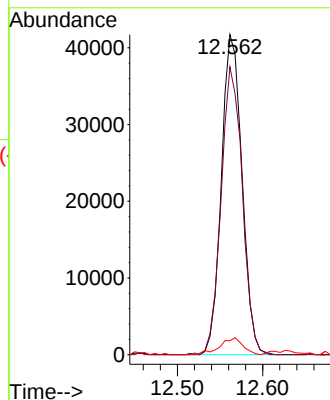
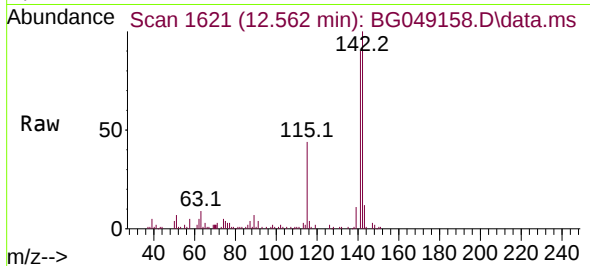




#38
1-Methylnaphthalene
Concen: 11.69 ng
RT: 12.562 min Scan# 1621
Delta R.T. -0.226 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

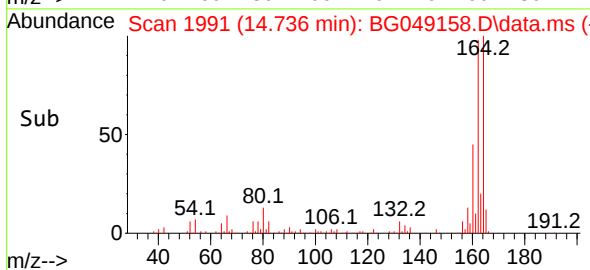
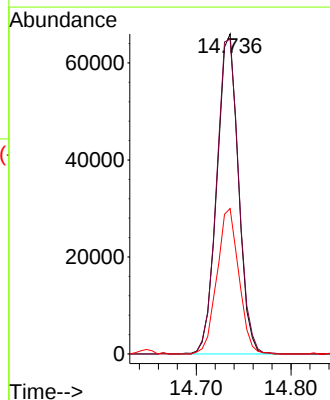
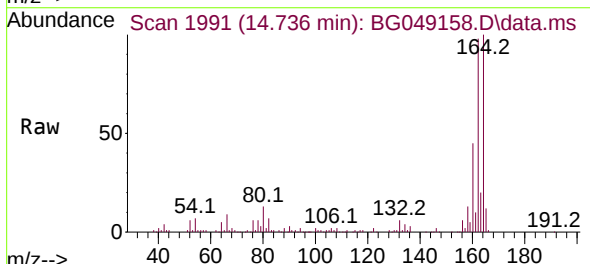
Instrument :
BNA_G
ClientSampleId :
MW-12RE

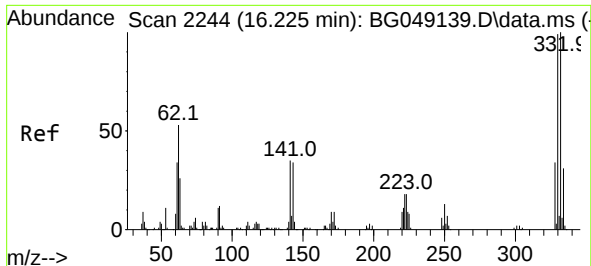
Tgt Ion:142 Resp: 70266
Ion Ratio Lower Upper
142 100
141 89.9 70.6 106.0
116 4.4 4.0 6.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.736 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:164 Resp: 103631
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 45.4 34.9 52.3

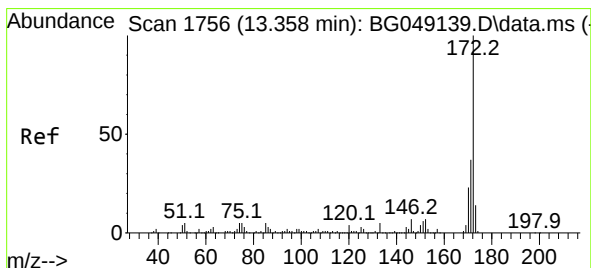
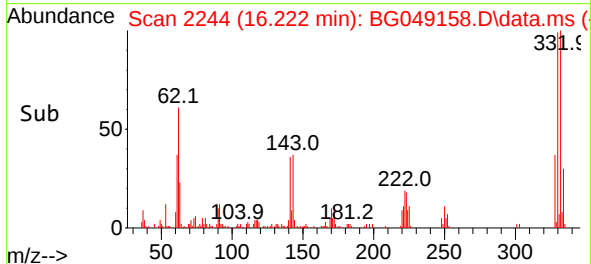
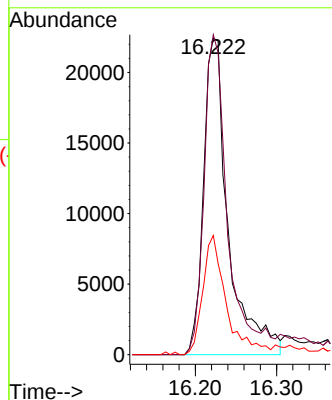
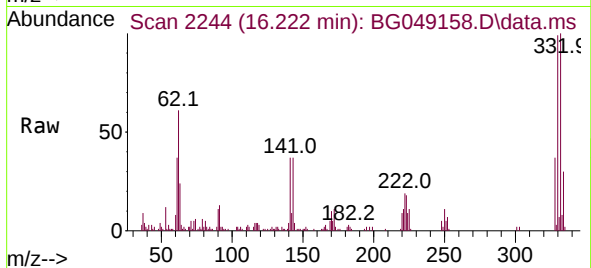




#42
2,4,6-Tribromophenol
Concen: 26.47 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

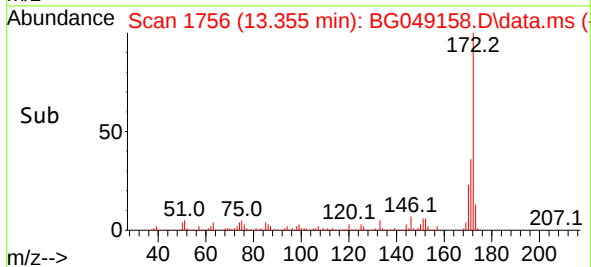
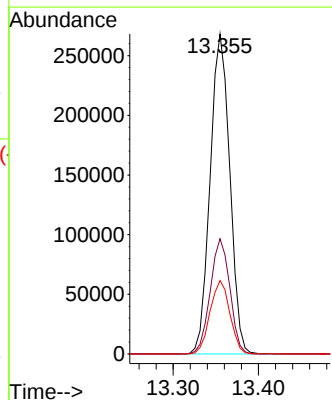
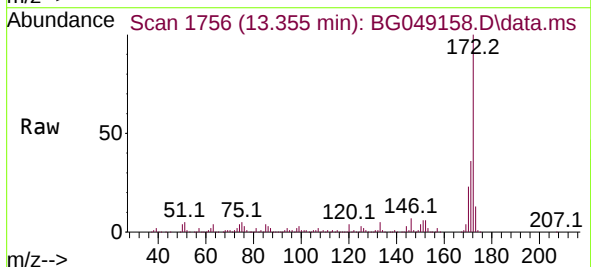
Instrument :
BNA_G
ClientSampleId :
MW-12RE

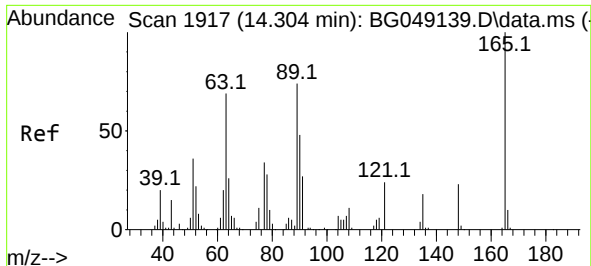
Tgt Ion:330 Resp: 47546
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 35.7 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 55.88 ng
RT: 13.355 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:172 Resp: 429255
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.0 18.6 27.8

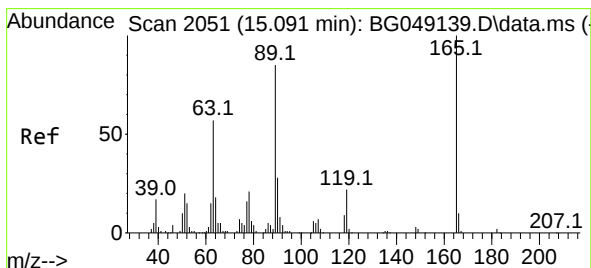
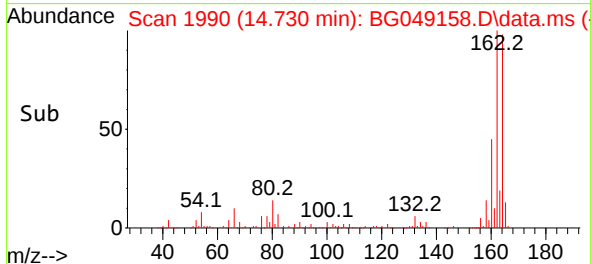
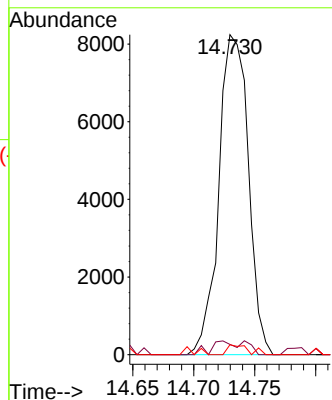
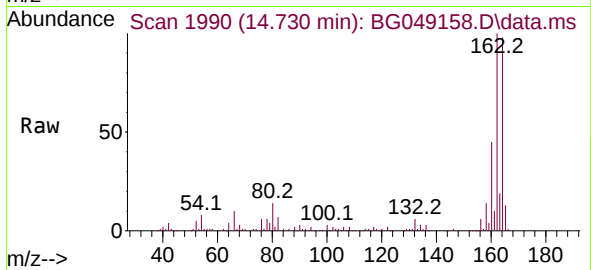




#51
2,6-Dinitrotoluene
Concen: 7.27 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.426 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

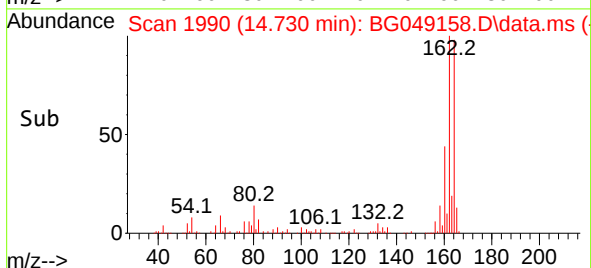
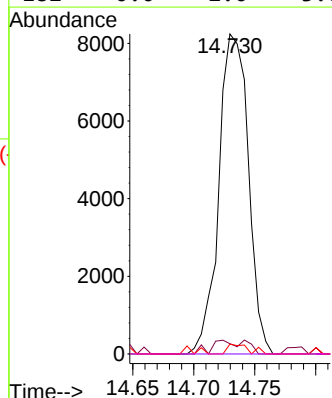
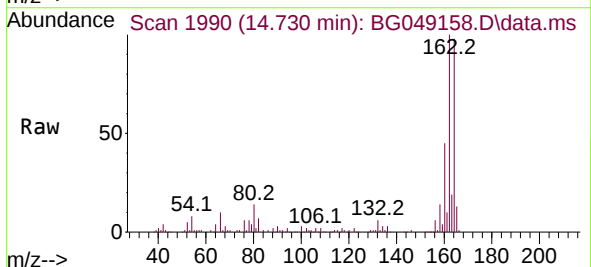
Instrument :
BNA_G
ClientSampleId :
MW-12RE

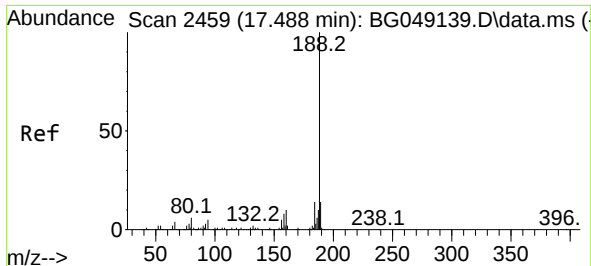
Tgt Ion:165 Resp: 13869
Ion Ratio Lower Upper
165 100
63 3.2 63.3 94.9#
89 3.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.12 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.361 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:165 Resp: 13869
Ion Ratio Lower Upper
165 100
63 3.2 48.0 72.0#
89 3.1 65.4 98.0#
182 0.0 2.0 3.0#

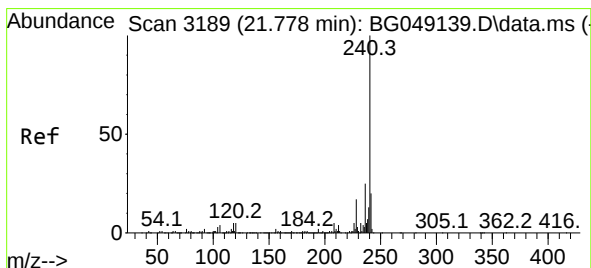
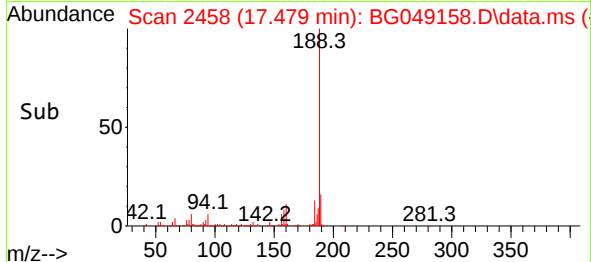
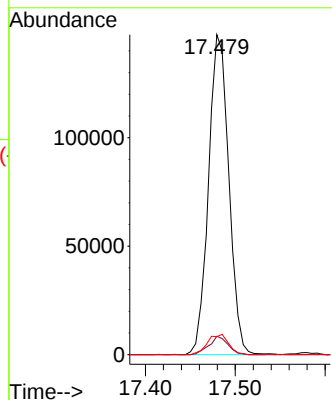
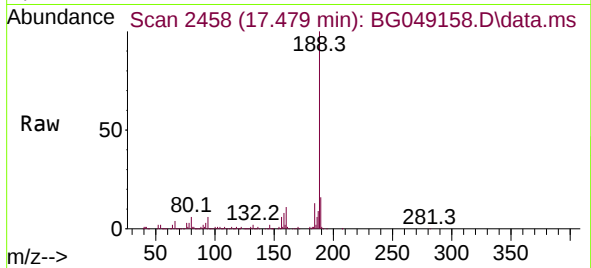




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

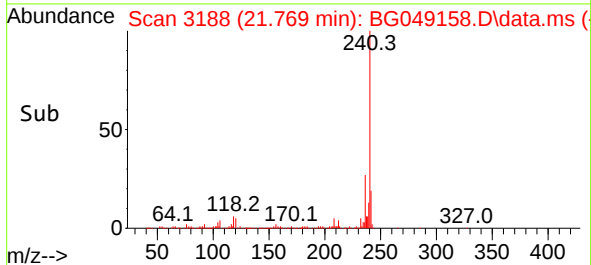
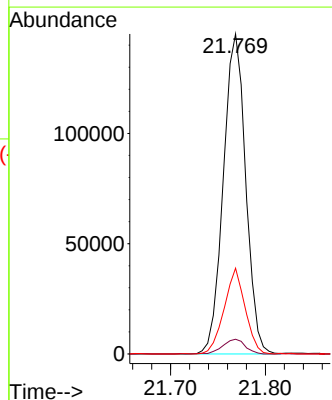
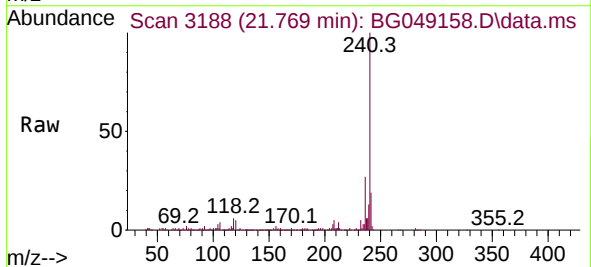
Instrument :
BNA_G
ClientSampleId :
MW-12RE

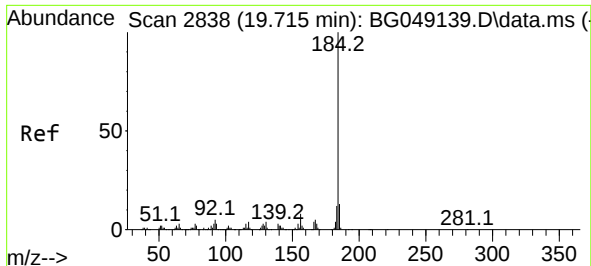
Tgt Ion:188 Resp: 231507
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 5.7 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Tgt Ion:240 Resp: 237976
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 26.8 21.8 32.6

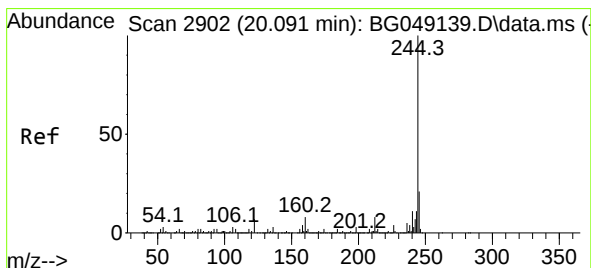
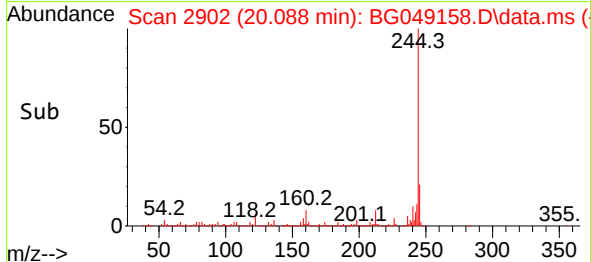
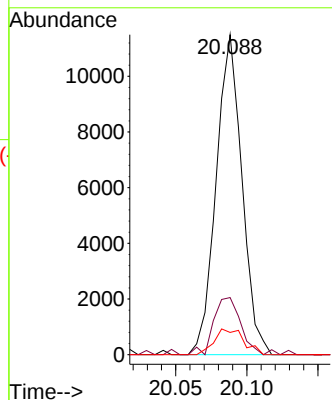
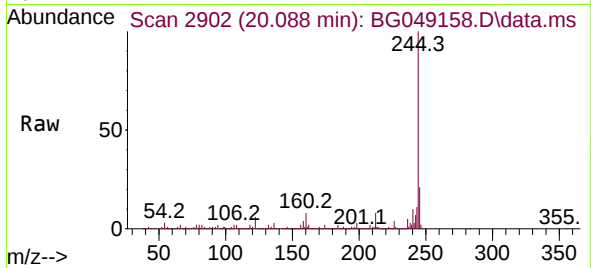




#77
Benzidine
Concen: 2.84 ng
RT: 20.088 min Scan# 2902
Delta R.T. 0.373 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

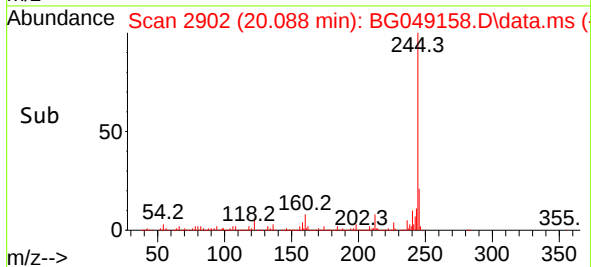
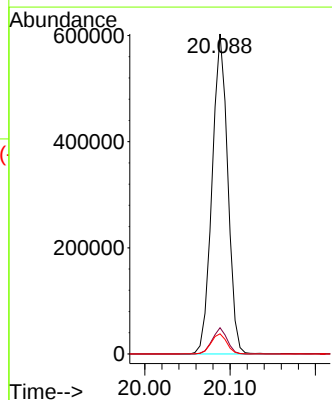
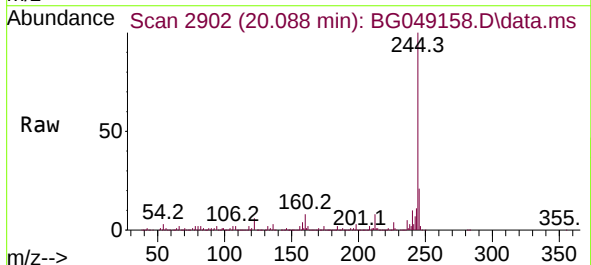
Instrument :
BNA_G
ClientSampleId :
MW-12RE

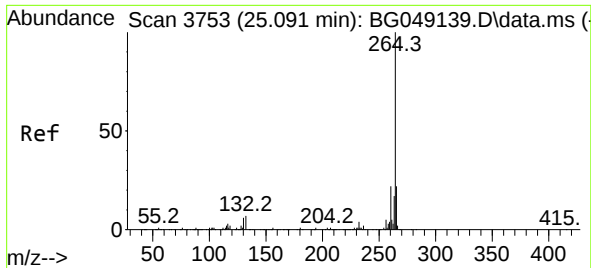
Tgt Ion:184 Resp: 14496
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 6.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 54.72 ng
RT: 20.088 min Scan# 2902
Delta R.T. -0.003 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

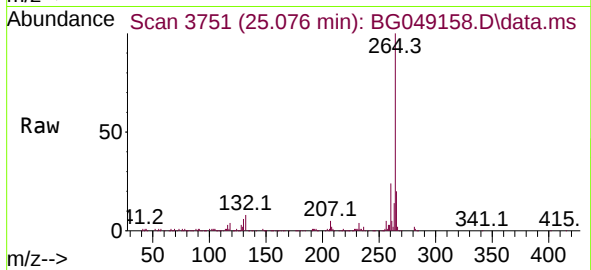
Tgt Ion:244 Resp: 768516
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 6.3 5.0 7.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.076 min Scan# 3751
Delta R.T. -0.015 min
Lab File: BG049158.D
Acq: 1 Jul 2021 18:02

Instrument :
BNA_G
ClientSampleId :
MW-12RE



Tgt Ion:264 Resp: 259637

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	19.8	16.9	25.3

