

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055198.D
 Acq On : 17 Oct 2022 18:46
 Operator : CG/JU
 Sample : N5145-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-9-101322

Quant Time: Oct 18 04:42:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

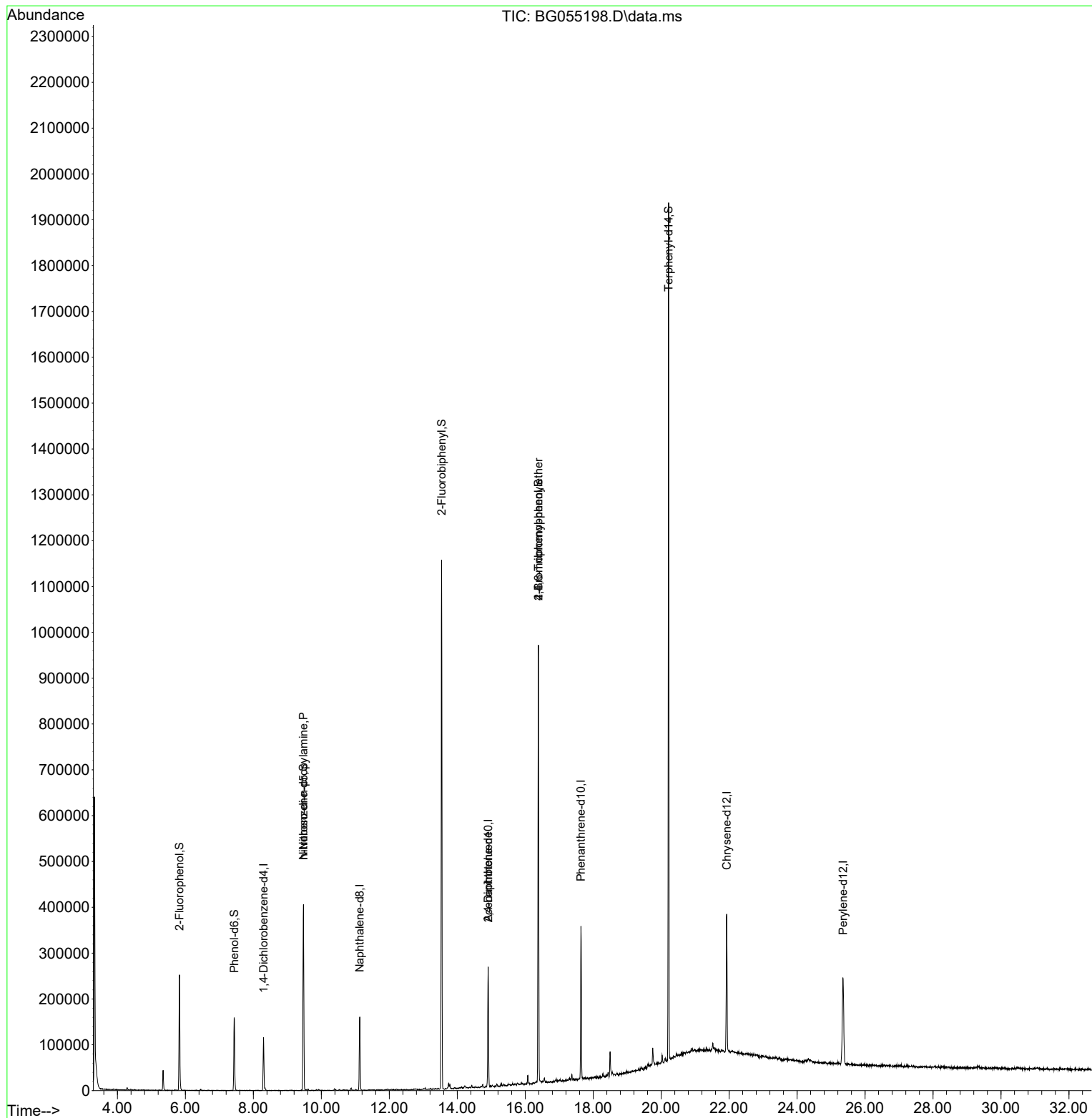
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	33516	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	138342	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	94940	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	208865	20.000	ng	0.00
76) Chrysene-d12	21.930	240	198533	20.000	ng	0.00
86) Perylene-d12	25.356	264	213129	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	116969	68.280	ng	0.00
7) Phenol-d6	7.436	99	94464	37.277	ng	0.00
23) Nitrobenzene-d5	9.474	82	248511	96.328	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	208658	152.955	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	607448	104.519	ng	0.00
79) Terphenyl-d14	20.221	244	937201	95.074	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.474	70	34286	16.765	ng	# 76
57) 2,4-Dinitrotoluene	14.909	165	12227	5.316	ng	# 24
67) 4-Bromophenyl-phenylether	16.390	248	13314	5.847	ng	# 1

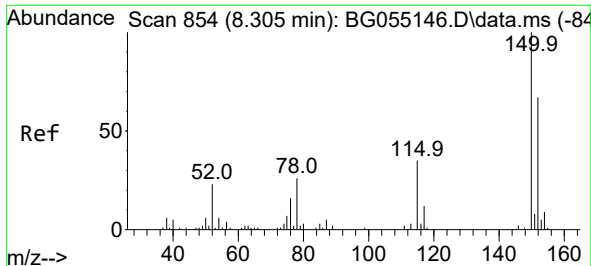
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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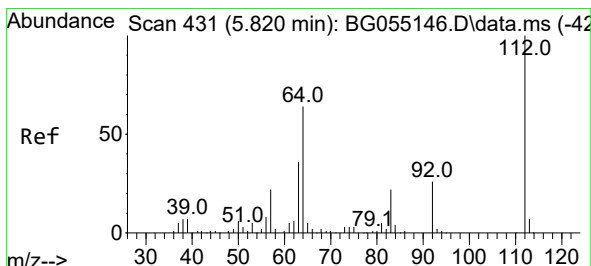
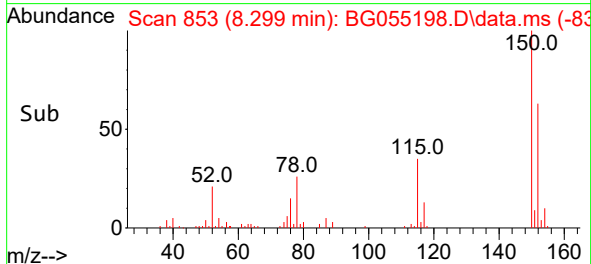
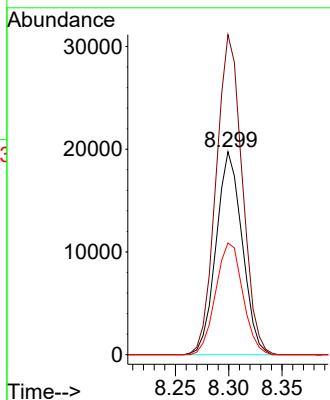
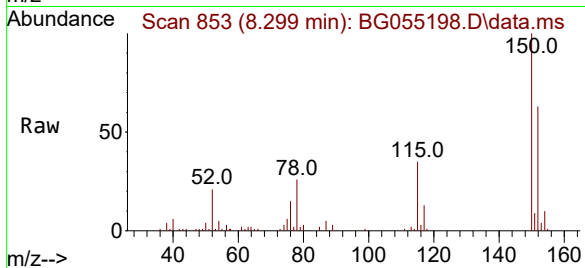




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.299 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

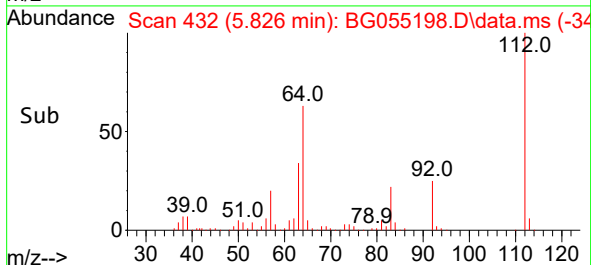
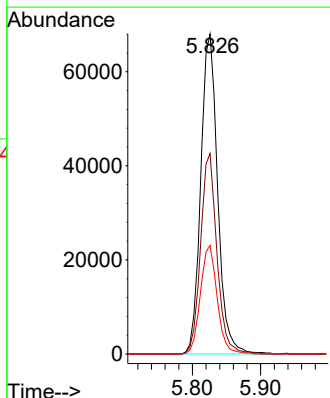
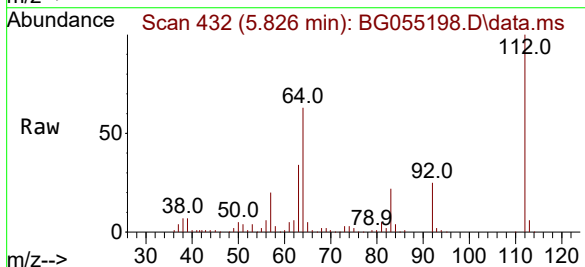
Instrument :
BNA_G
ClientSampleId :
MW-9-101322

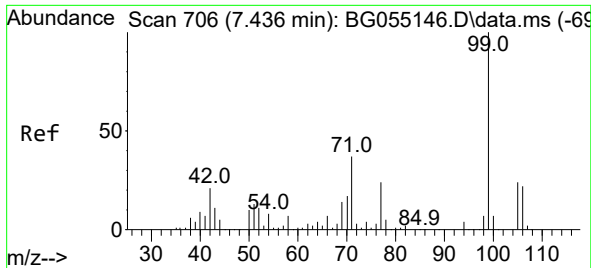
Tgt Ion:152 Resp: 33516
Ion Ratio Lower Upper
152 100
150 157.7 119.7 179.5
115 55.1 42.4 63.6



#5
2-Fluorophenol
Concen: 68.280 ng
RT: 5.826 min Scan# 432
Delta R.T. 0.006 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

Tgt Ion:112 Resp: 116969
Ion Ratio Lower Upper
112 100
64 62.6 50.9 76.3
63 33.9 29.0 43.6

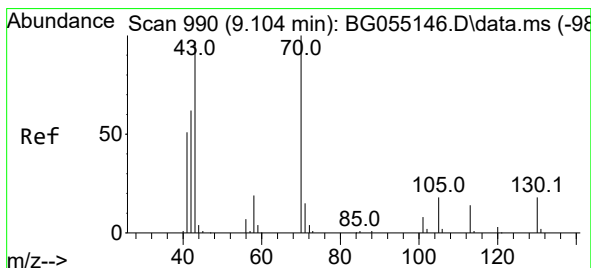
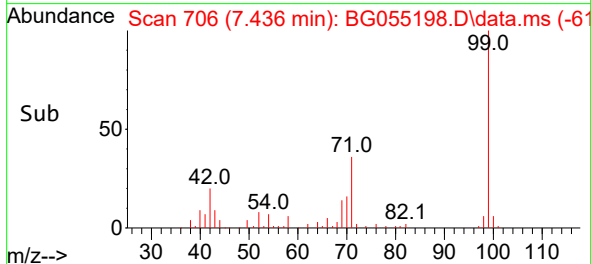
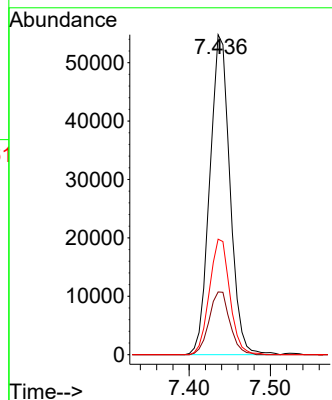
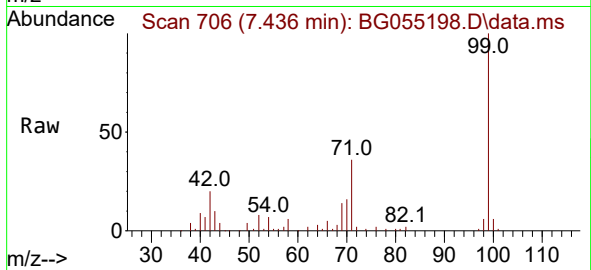




#7
Phenol-d6
Concen: 37.277 ng
RT: 7.436 min Scan# 706
Delta R.T. -0.000 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

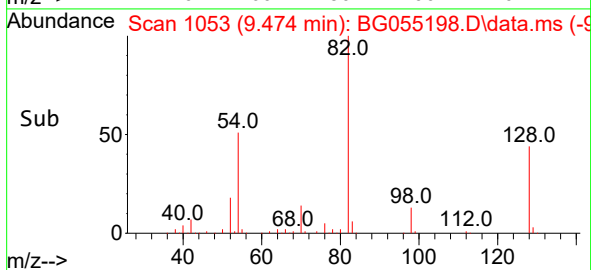
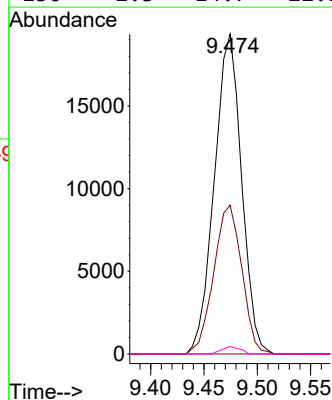
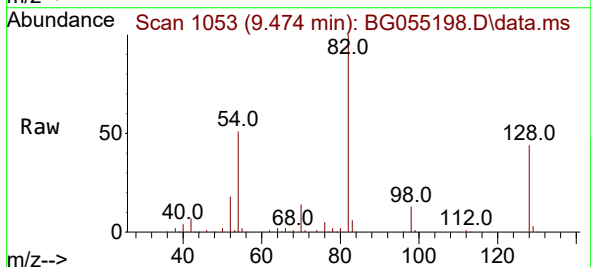
Instrument :
BNA_G
ClientSampleId :
MW-9-101322

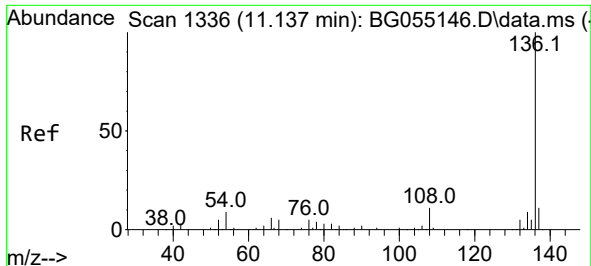
Tgt Ion: 99 Resp: 94464
Ion Ratio Lower Upper
99 100
42 19.6 16.6 25.0
71 36.1 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.765 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.370 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

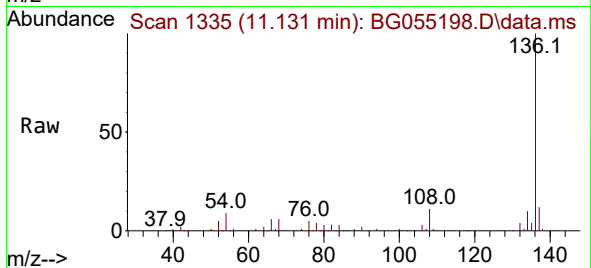
Tgt Ion: 70 Resp: 34286
Ion Ratio Lower Upper
70 100
42 46.5 50.1 75.1#
101 0.0 6.6 10.0#
130 2.3 14.7 22.1#



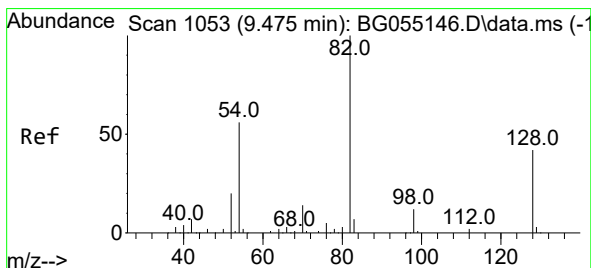
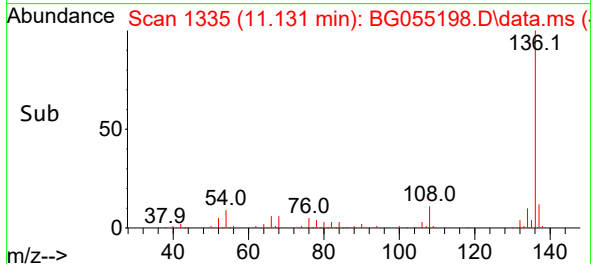
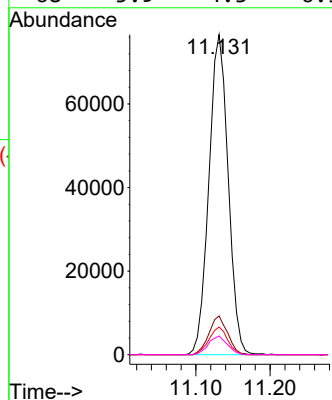


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

Instrument :
BNA_G
ClientSampleId :
MW-9-101322

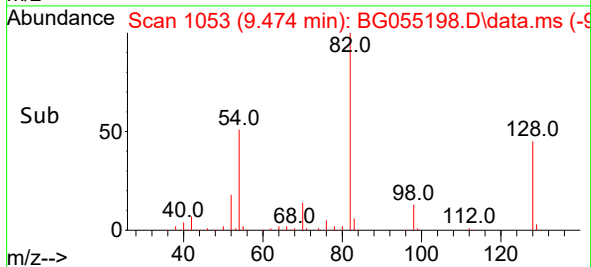
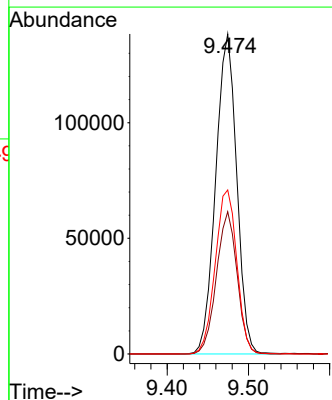
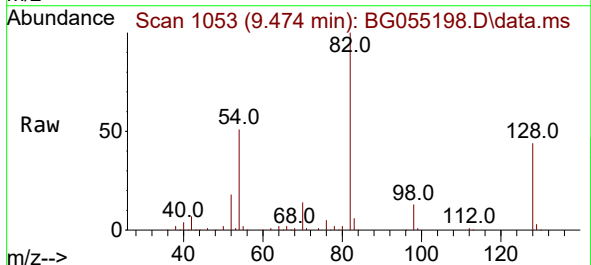


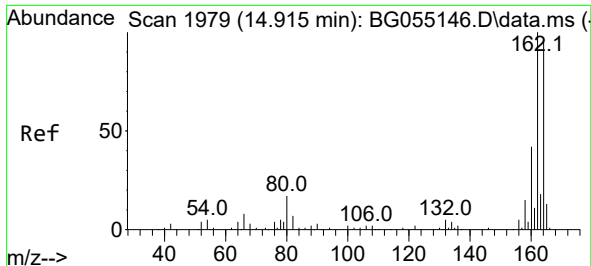
Tgt Ion:136 Resp: 138342
Ion Ratio Lower Upper
136 100
137 12.1 9.1 13.7
54 8.6 7.0 10.6
68 5.9 4.3 6.5



#23
Nitrobenzene-d5
Concen: 96.328 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

Tgt Ion: 82 Resp: 248511
Ion Ratio Lower Upper
82 100
128 44.4 33.5 50.3
54 51.2 44.7 67.1

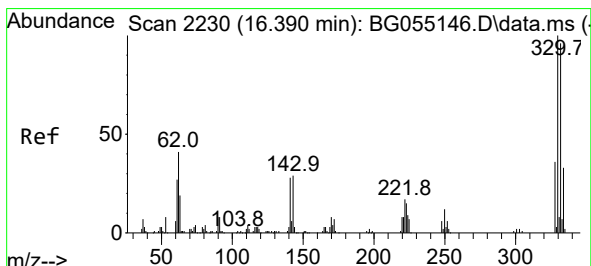
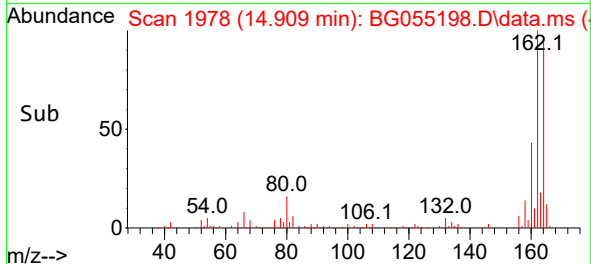
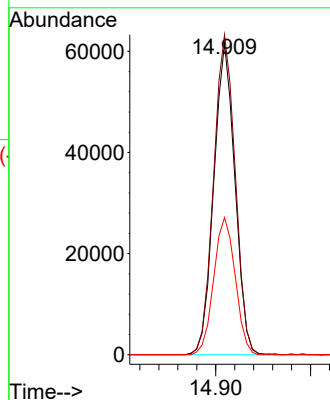
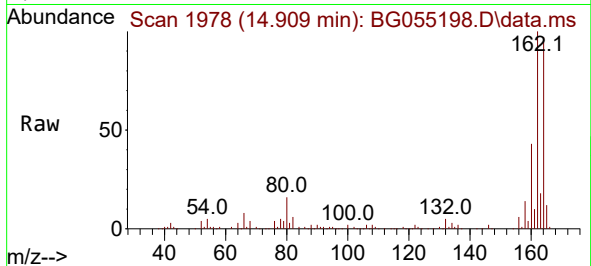




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.909 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: BG055198.D
 Acq: 17 Oct 2022 18:46

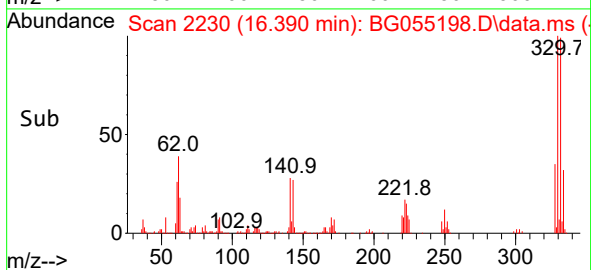
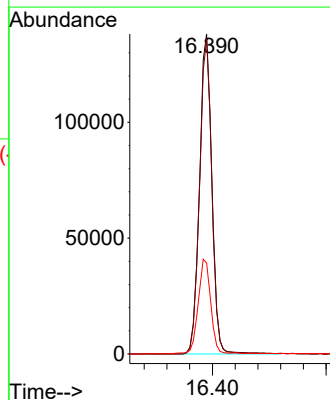
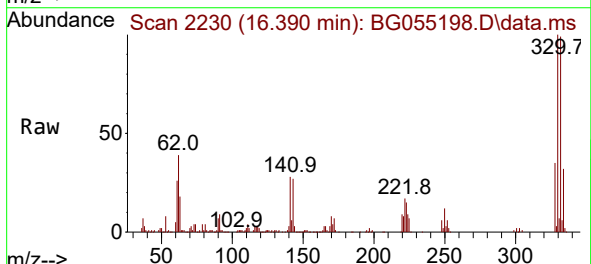
Instrument :
 BNA_G
 ClientSampleId :
 MW-9-101322

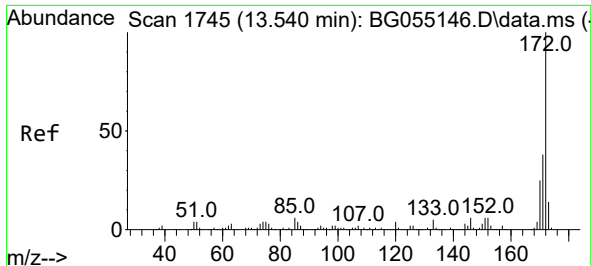
Tgt Ion:164 Resp: 94940
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.3 124.9
 160 44.1 35.3 52.9



#42
 2,4,6-Tribromophenol
 Concen: 152.955 ng
 RT: 16.390 min Scan# 2230
 Delta R.T. -0.000 min
 Lab File: BG055198.D
 Acq: 17 Oct 2022 18:46

Tgt Ion:330 Resp: 208658
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.4
 141 30.4 24.6 36.8

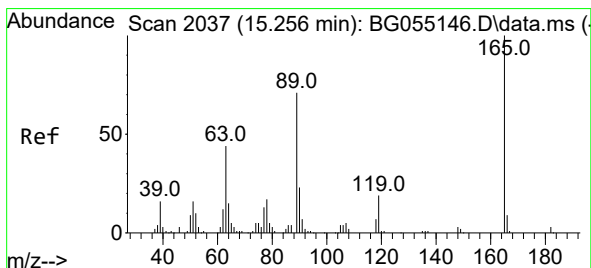
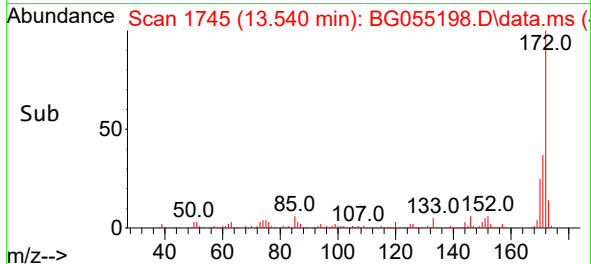
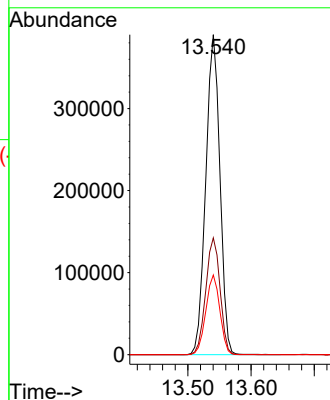
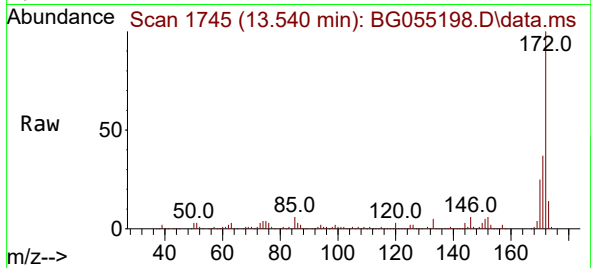




#45
2-Fluorobiphenyl
Concen: 104.519 ng
RT: 13.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

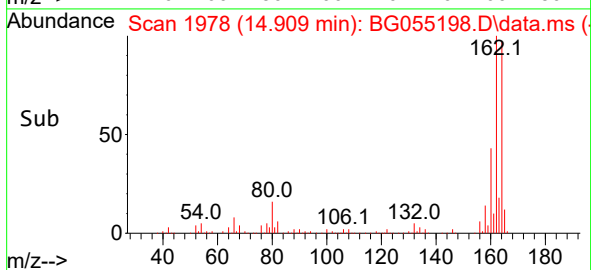
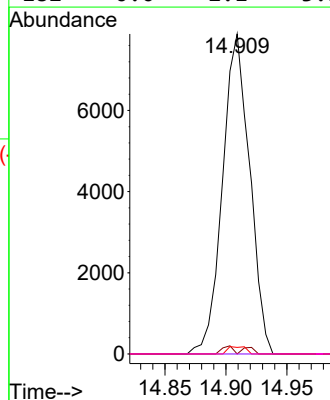
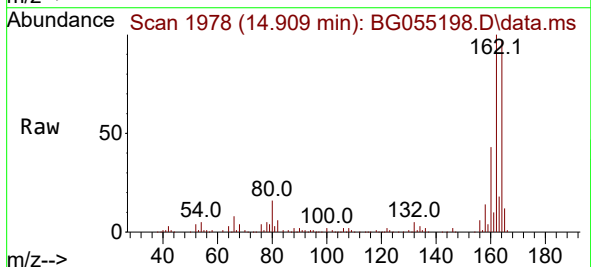
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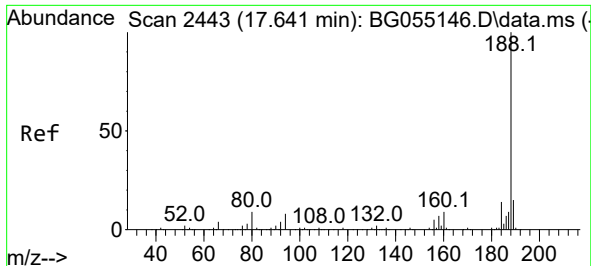
Tgt Ion:172 Resp: 607448
Ion Ratio Lower Upper
172 100
171 36.5 30.1 45.1
170 24.9 19.8 29.6



#57
2,4-Dinitrotoluene
Concen: 5.316 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.347 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

Tgt Ion:165 Resp: 12227
Ion Ratio Lower Upper
165 100
63 0.0 35.6 53.4#
89 2.0 56.4 84.6#
182 0.0 2.1 3.1#

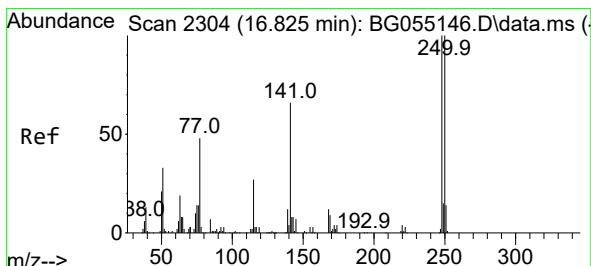
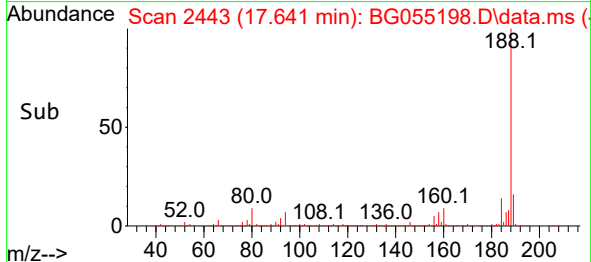
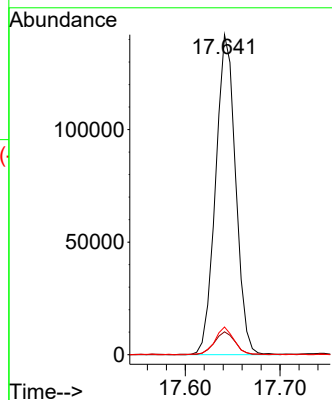
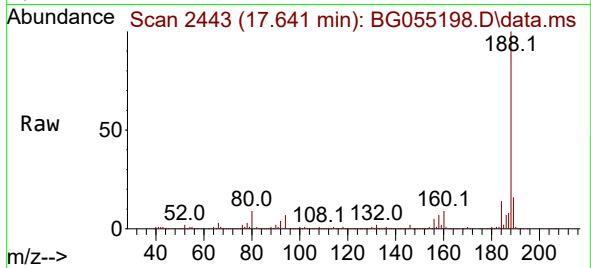




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.641 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

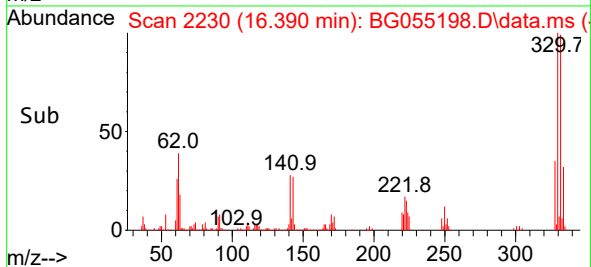
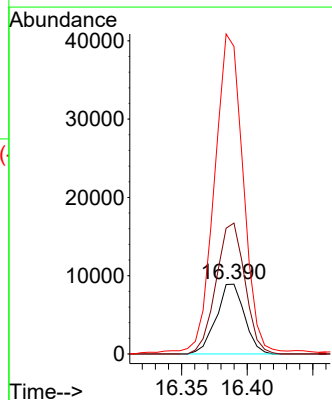
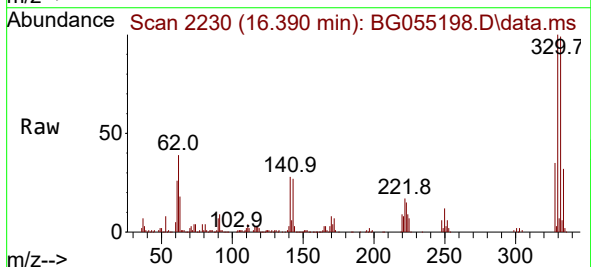
Instrument :
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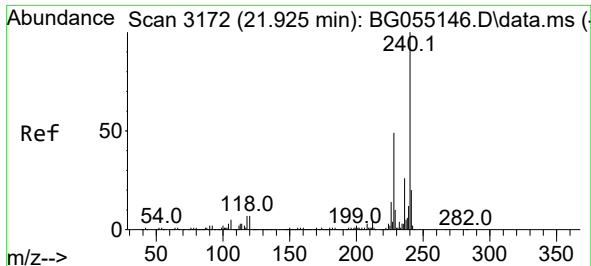
Tgt Ion:188 Resp: 208865
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.6 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 5.847 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.435 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

Tgt Ion:248 Resp: 13314
Ion Ratio Lower Upper
248 100
250 187.4 80.1 120.1#
141 440.7 53.1 79.7#

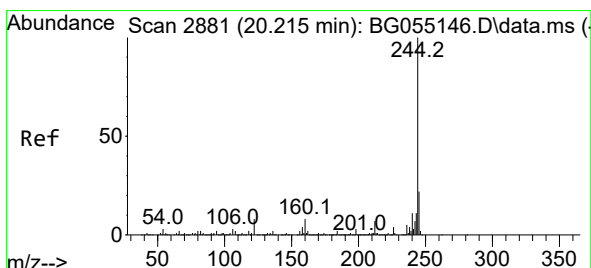
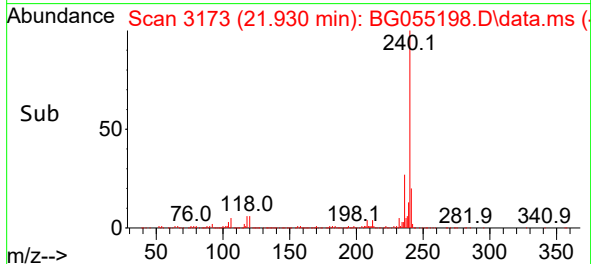
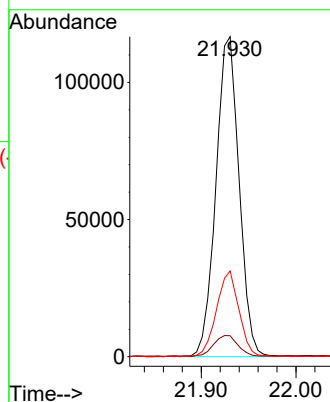
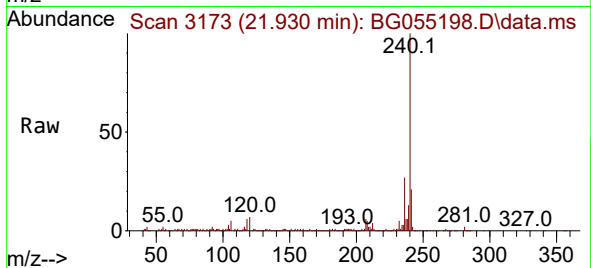




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3172
Delta R.T. 0.006 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

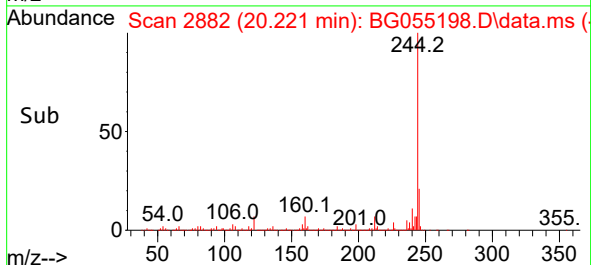
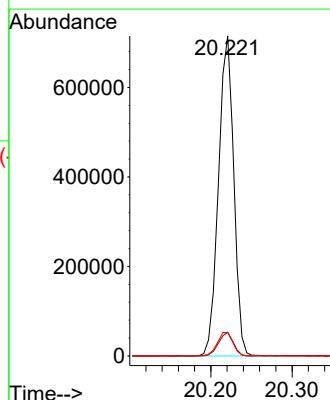
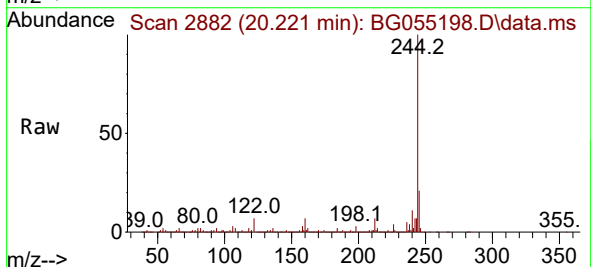
Instrument :
BNA_G
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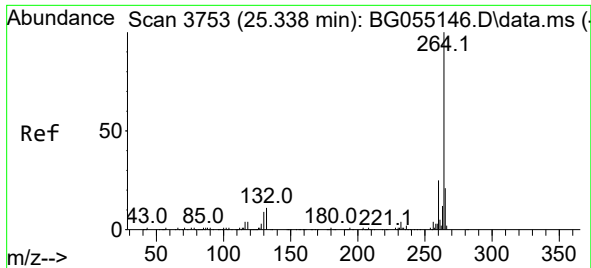
Tgt Ion:240 Resp: 198533
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.8 20.6 31.0



#79
Terphenyl-d14
Concen: 95.074 ng
RT: 20.221 min Scan# 2882
Delta R.T. 0.006 min
Lab File: BG055198.D
Acq: 17 Oct 2022 18:46

Tgt Ion:244 Resp: 937201
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 7.3 6.6 10.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.356 min Scan# 31

Delta R.T. 0.018 min

Lab File: BG055198.D

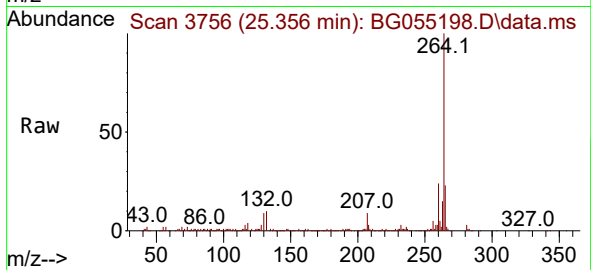
Acq: 17 Oct 2022 18:46

Instrument :

BNA_G

ClientSampleId :

MW-9-101322



Tgt Ion:264 Resp: 213129

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 23.1 16.8 25.2

