

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053749.D
 Acq On : 28 May 2022 13:51
 Operator : CG/JU
 Sample : N3080-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: May 29 02:19:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 29 02:17:06 2022
 Response via : Initial Calibration

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

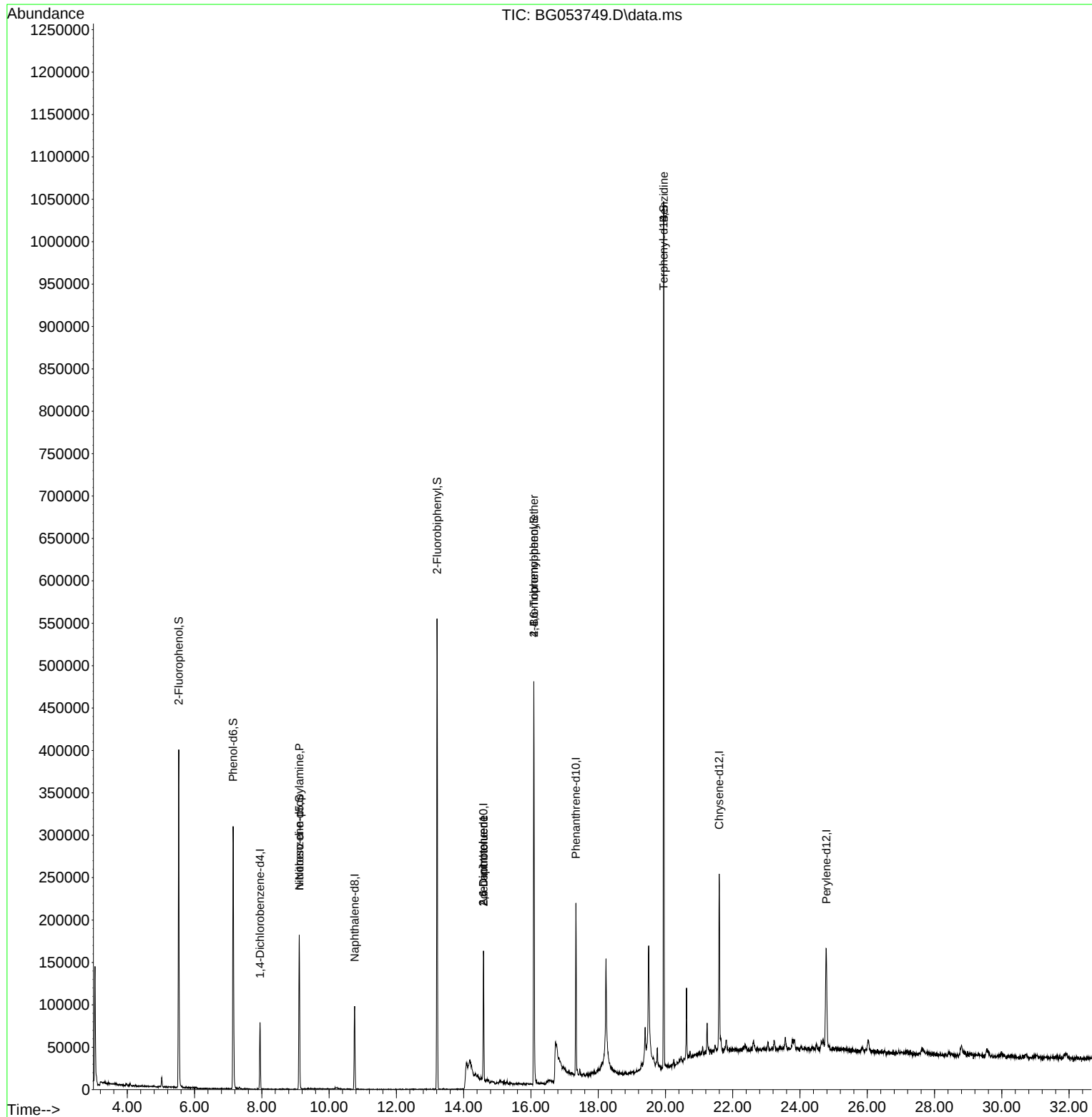
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	20106	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	79976	20.000	ng	0.00
39) Acenaphthene-d10	14.590	164	55675	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	124191	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	126276	20.000	ng	-0.01
86) Perylene-d12	24.782	264	129395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	161196	136.065	ng	0.00
7) Phenol-d6	7.147	99	181431	100.909	ng	0.00
23) Nitrobenzene-d5	9.115	82	111627	59.415	ng	0.00
42) 2,4,6-Tribromophenol	16.088	330	97290	118.481	ng	0.00
45) 2-Fluorobiphenyl	13.209	172	283359	74.372	ng	0.00
79) Terphenyl-d14	19.947	244	510776	75.335	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.115	70	16249	12.596	ng	# 77
51) 2,6-Dinitrotoluene	14.590	165	7272	8.437	ng	# 16
57) 2,4-Dinitrotoluene	14.590	165	7272	5.820	ng	# 21
67) 4-Bromophenyl-phenylether	16.088	248	6448	4.446	ng	# 1
77) Benzidine	19.953	184	8859	3.255	ng	# 94

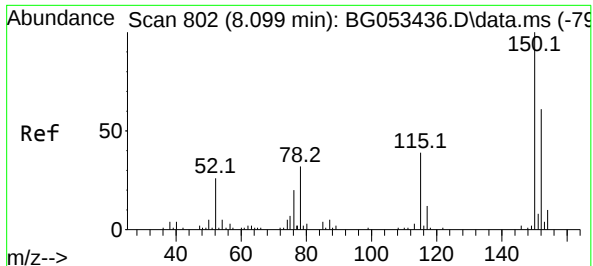
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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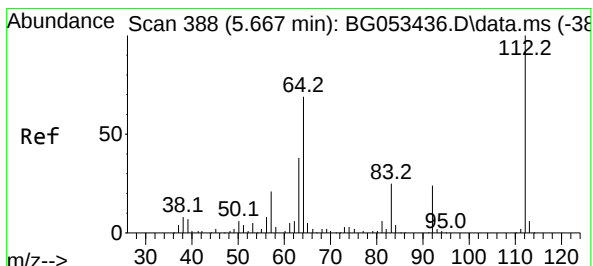
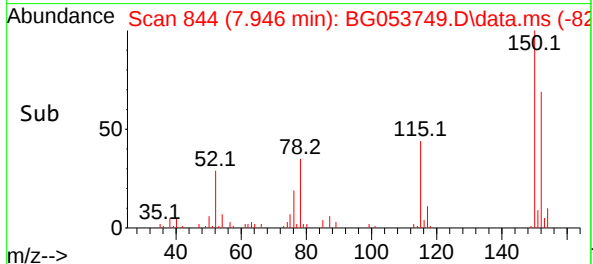
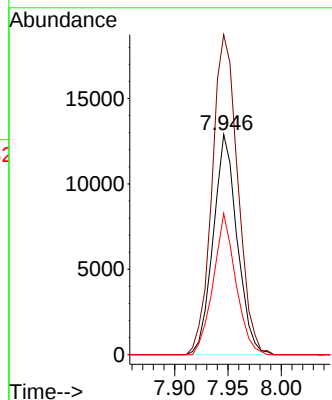
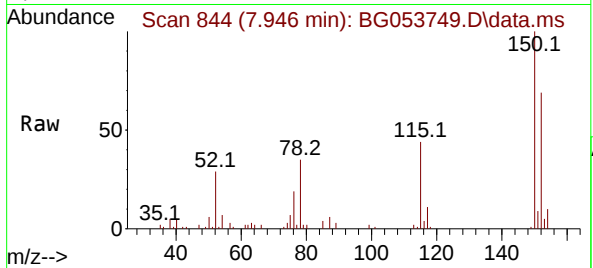




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.946 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

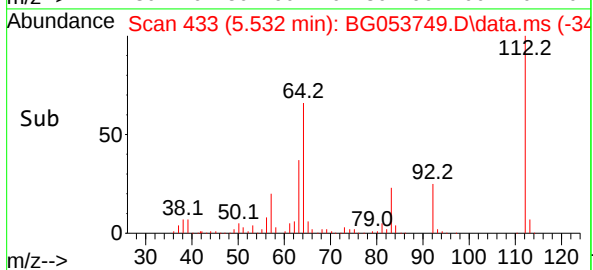
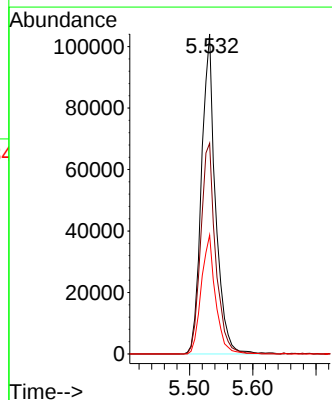
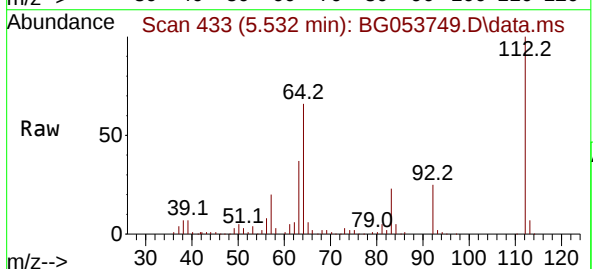
Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:152 Resp: 20106
Ion Ratio Lower Upper
152 100
150 145.3 131.6 197.4
115 64.1 50.9 76.3



#5
2-Fluorophenol
Concen: 136.065 ng
RT: 5.532 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:112 Resp: 161196
Ion Ratio Lower Upper
112 100
64 65.9 55.1 82.7
63 37.2 30.4 45.6

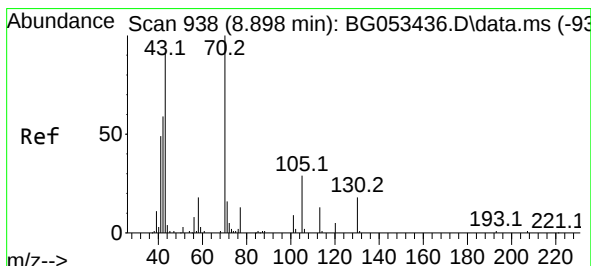
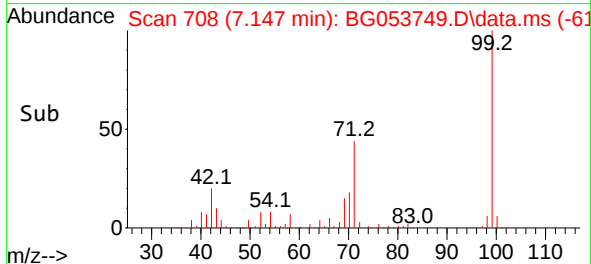
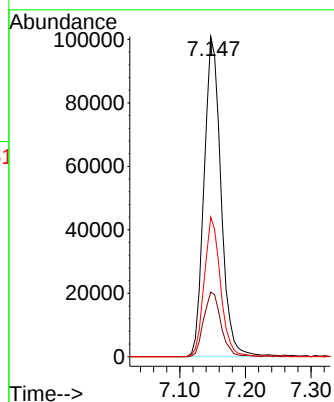
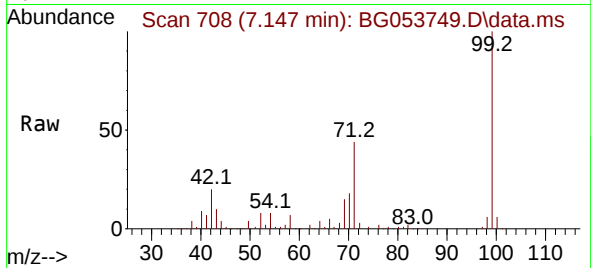




#7
Phenol-d6
Concen: 100.909 ng
RT: 7.147 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

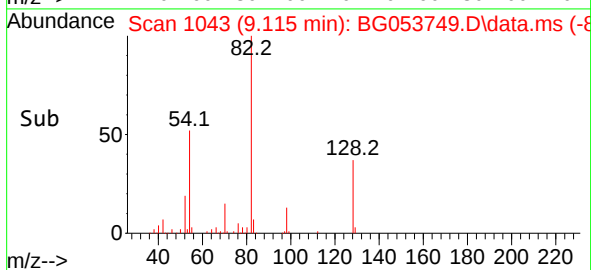
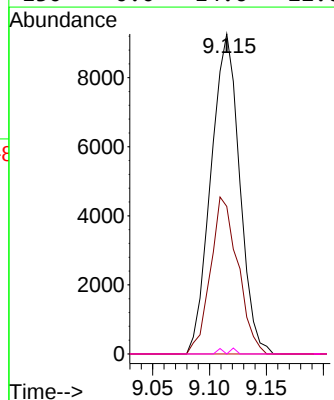
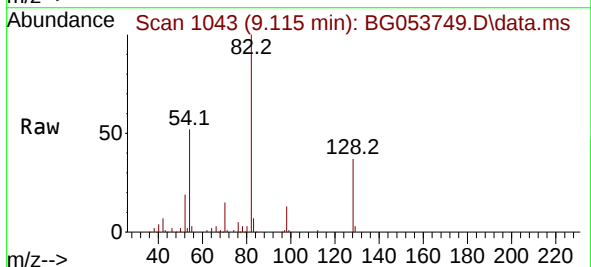
Instrument :
BNA_G
ClientSampleId :
WC-5

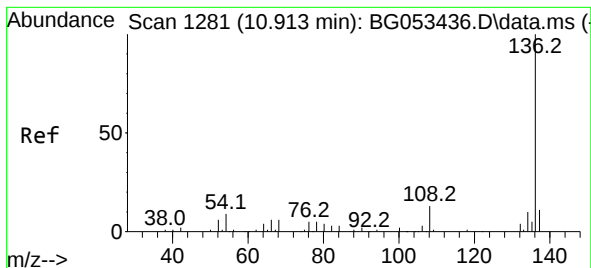
Tgt Ion: 99 Resp: 181431
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 43.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.596 ng
RT: 9.115 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion: 70 Resp: 16249
Ion Ratio Lower Upper
70 100
42 46.1 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

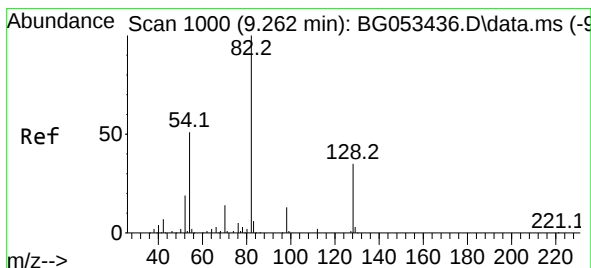
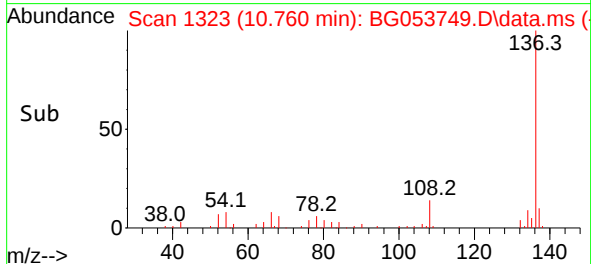
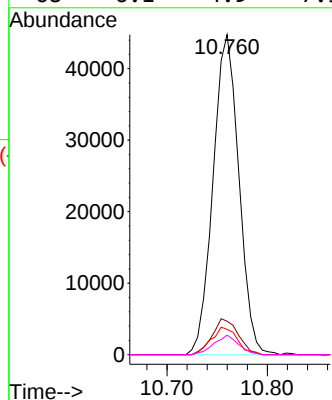
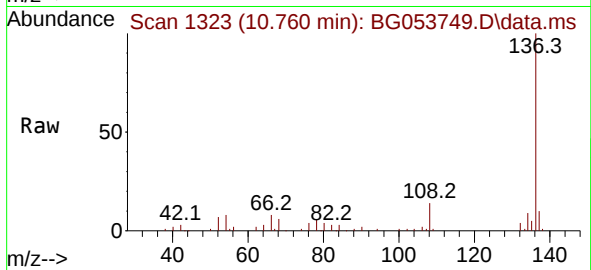




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

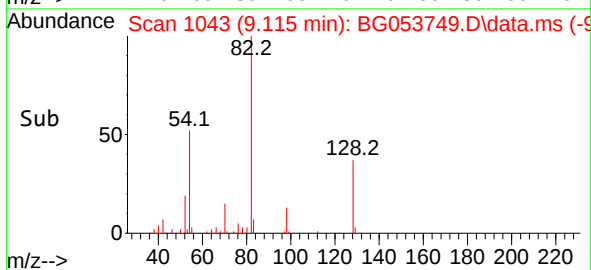
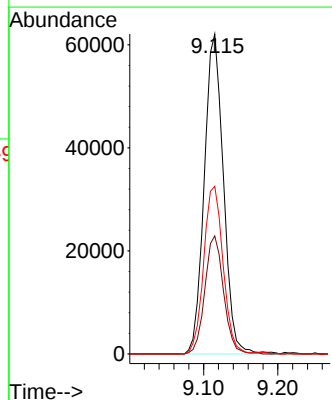
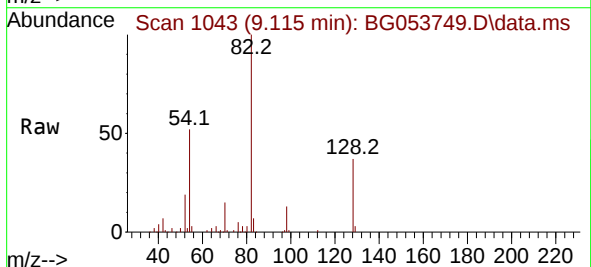
Instrument :
BNA_G
ClientSampleId :
WC-5

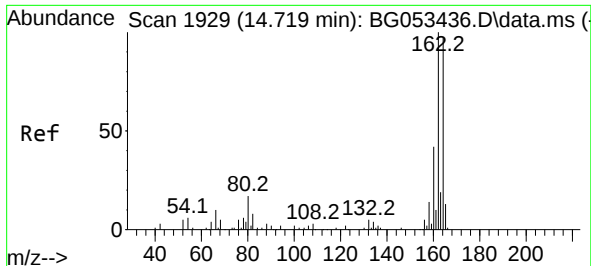
Tgt Ion:	136	Resp:	79976
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	7.9	7.4	11.2
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 59.415 ng
RT: 9.115 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:	82	Resp:	111627
Ion Ratio	Lower	Upper	
82	100		
128	36.9	27.9	41.9
54	52.4	41.2	61.8

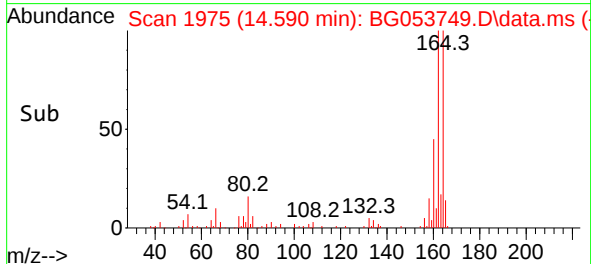
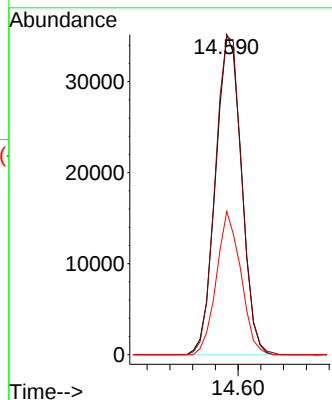
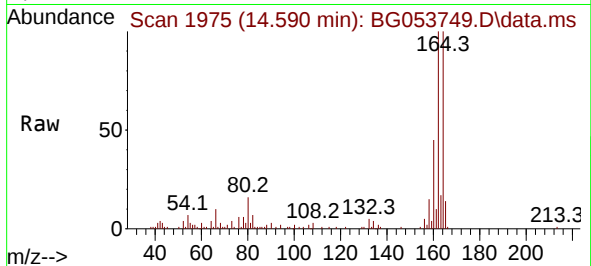




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.590 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

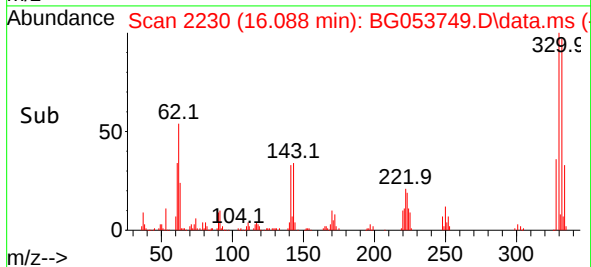
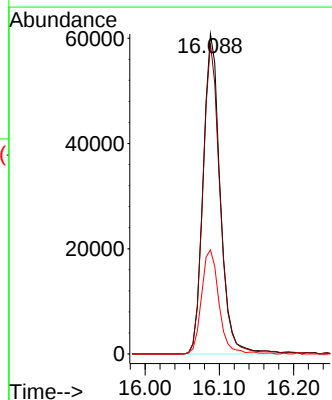
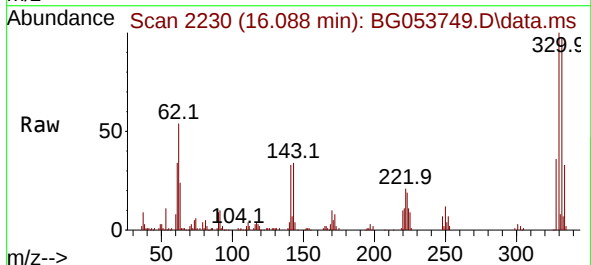
Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion:164 Resp: 55675
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 44.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 118.481 ng
RT: 16.088 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:330 Resp: 97290
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 33.1 27.1 40.7

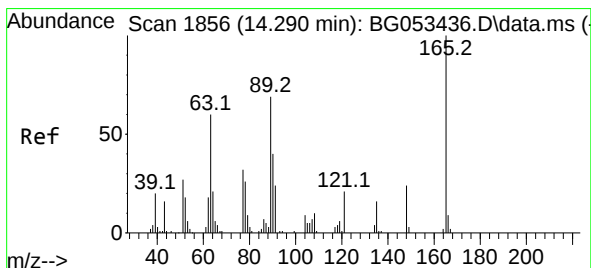
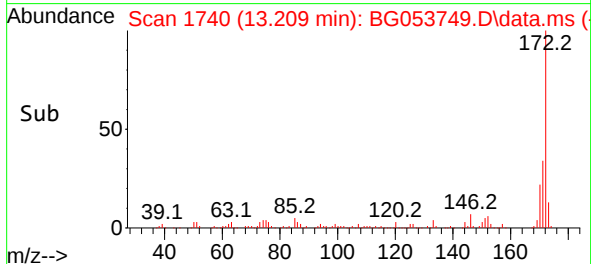
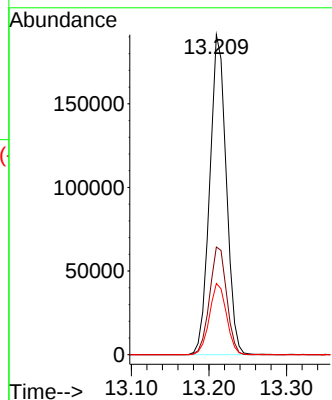
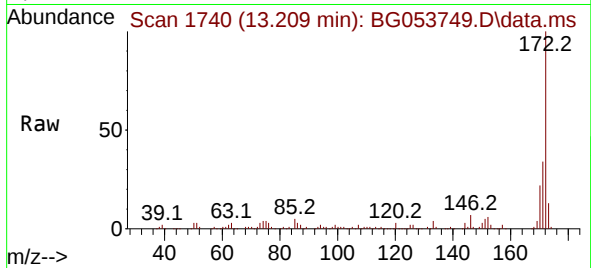




#45
2-Fluorobiphenyl
Concen: 74.372 ng
RT: 13.209 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

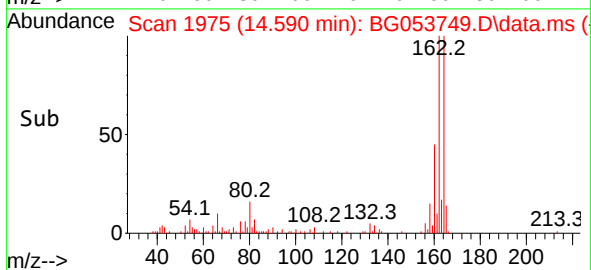
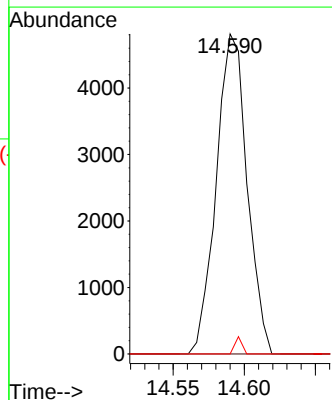
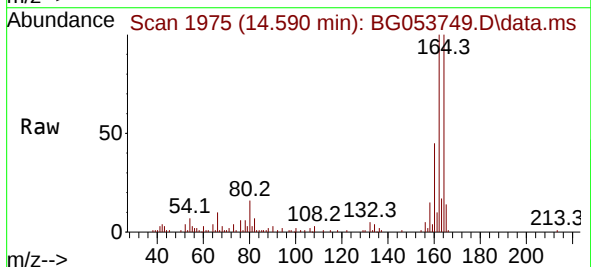
Instrument :
BNA_G
ClientSampleId :
WC-5

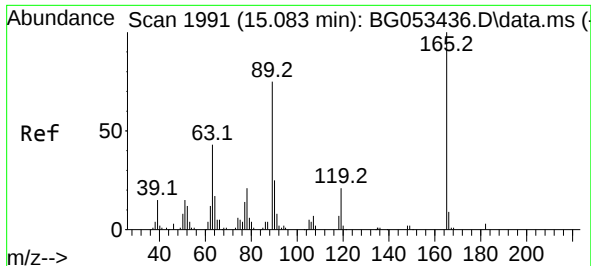
Tgt Ion:172 Resp: 283359
Ion Ratio Lower Upper
172 100
171 33.6 28.5 42.7
170 22.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.437 ng
RT: 14.590 min Scan# 1975
Delta R.T. 0.418 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:165 Resp: 7272
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

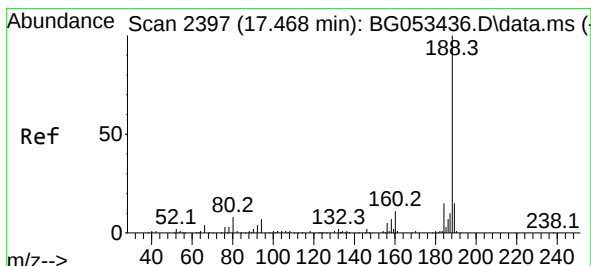
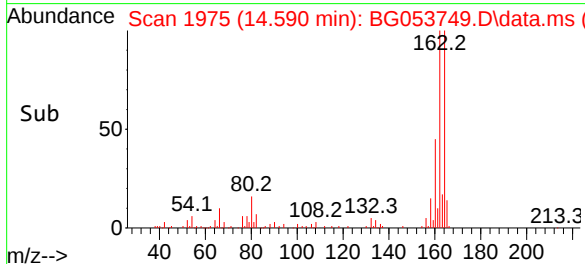
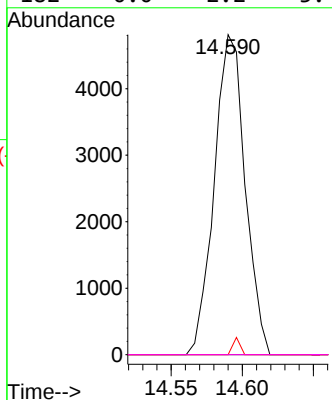
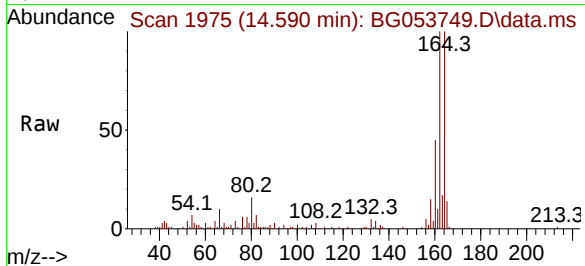




#57
2,4-Dinitrotoluene
Concen: 5.820 ng
RT: 14.590 min Scan# 14
Delta R.T. -0.375 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

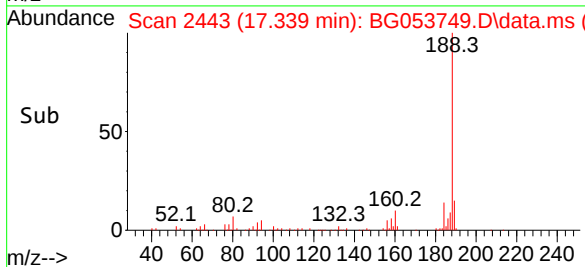
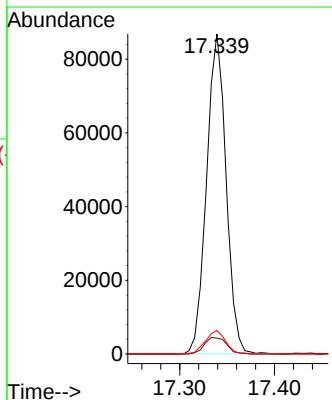
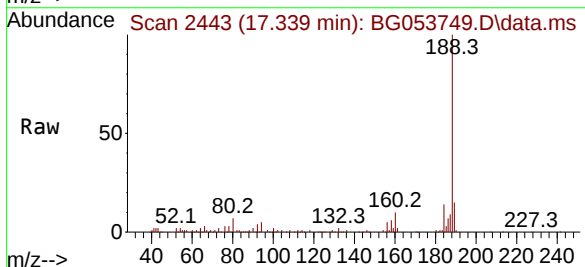
Instrument :
BNA_G
ClientSampleId :
WC-5

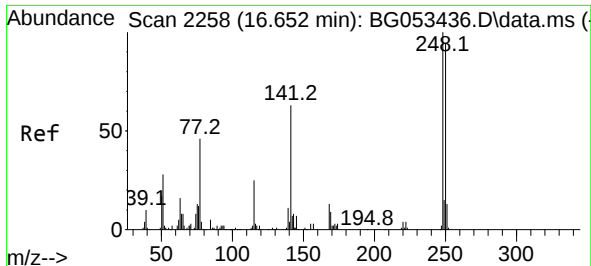
Tgt Ion:165 Resp: 7272
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:188 Resp: 124191
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 7.4 6.8 10.2

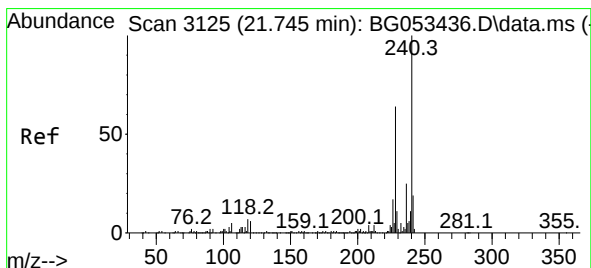
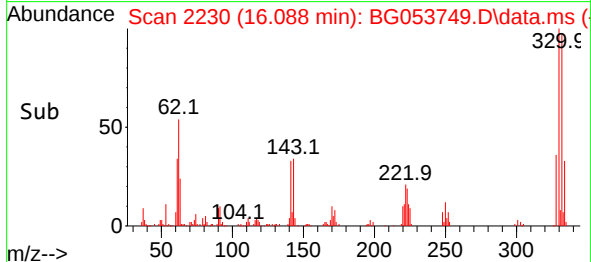
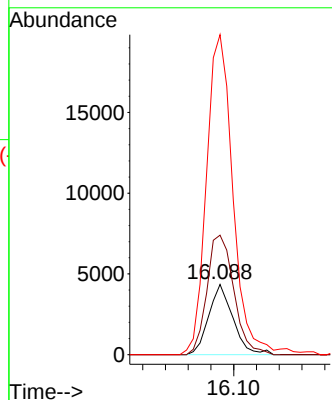
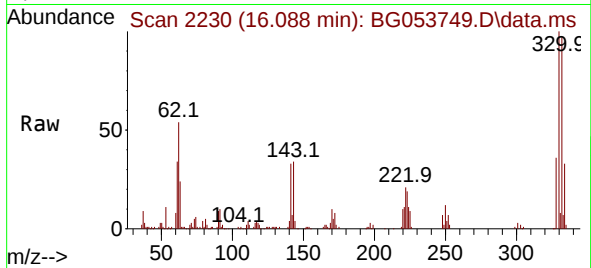




#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 16.088 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

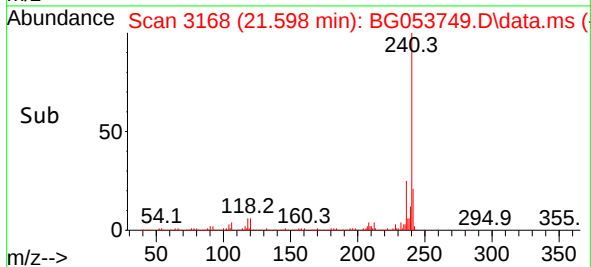
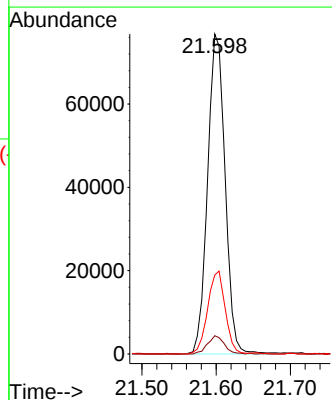
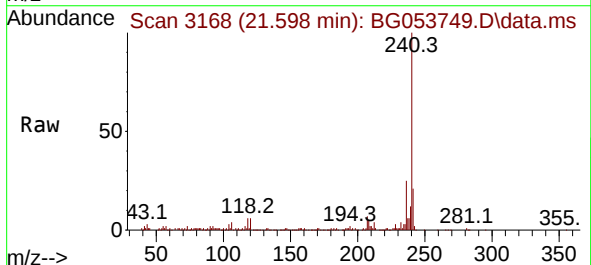
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BNA_G
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WC-5

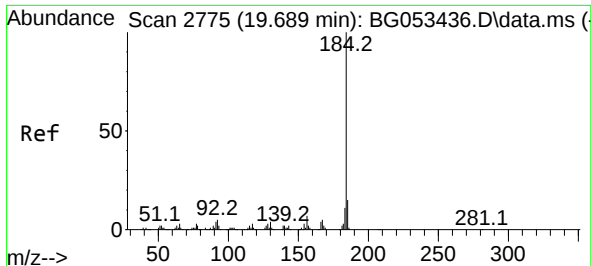
Tgt Ion:248 Resp: 6448
Ion Ratio Lower Upper
248 100
250 170.0 75.2 112.8#
141 455.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Tgt Ion:240 Resp: 126276
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.6 20.2 30.4

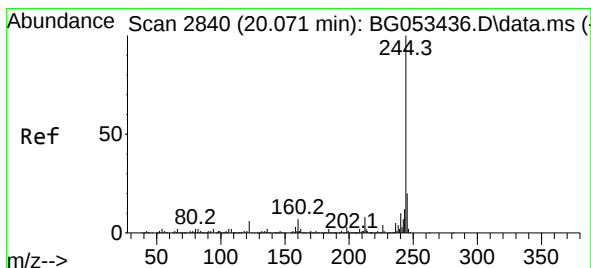
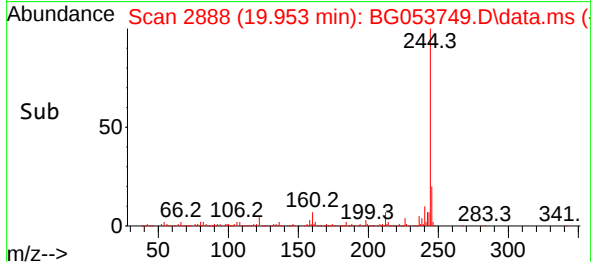
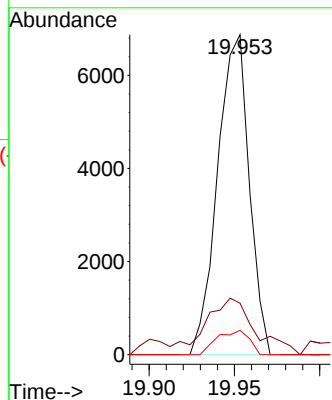
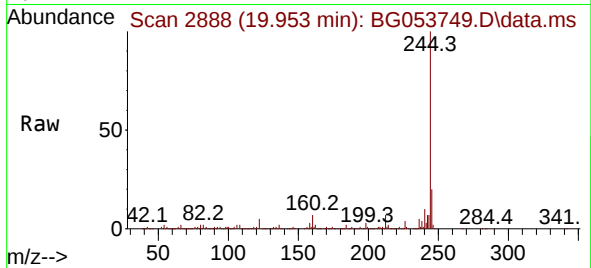




#77
Benzidine
Concen: 3.255 ng
RT: 19.953 min Scan# 21
Delta R.T. 0.377 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

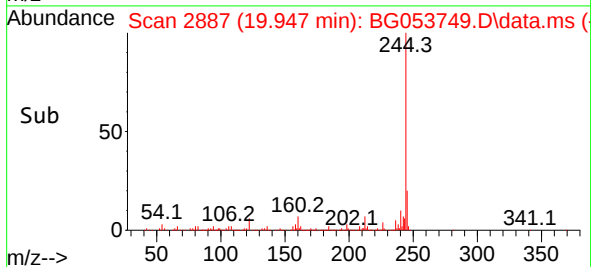
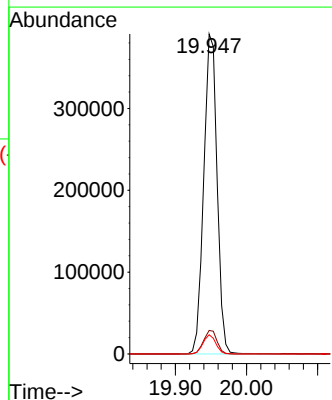
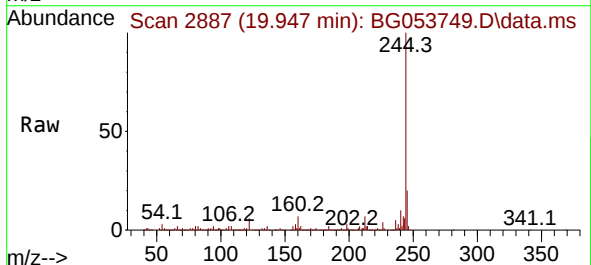
Instrument :
BNA_G
ClientSampleId :
WC-5

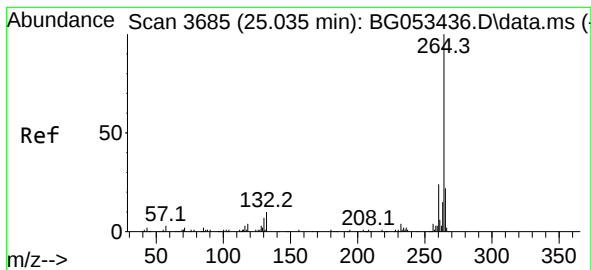
Tgt Ion:184 Resp: 8859
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.6
183 7.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 75.335 ng
RT: 19.947 min Scan# 2887
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

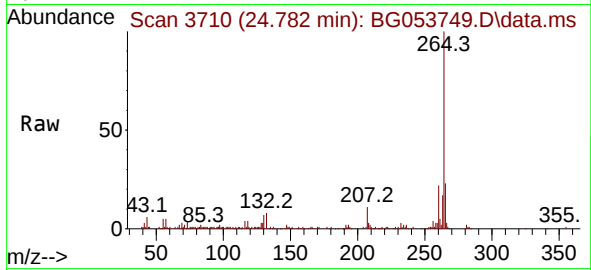
Tgt Ion:244 Resp: 510776
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.782 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG053749.D
Acq: 28 May 2022 13:51

Instrument :
BNA_G
ClientSampleId :
WC-5



Tgt Ion:264 Resp: 129395
Ion Ratio Lower Upper
264 100
260 22.1 19.0 28.6
265 23.1 17.4 26.2

