

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
 Data File : BG053754.D
 Acq On : 28 May 2022 17:11
 Operator : CG/JU
 Sample : N3076-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-671

Quant Time: May 29 02:19:54 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)

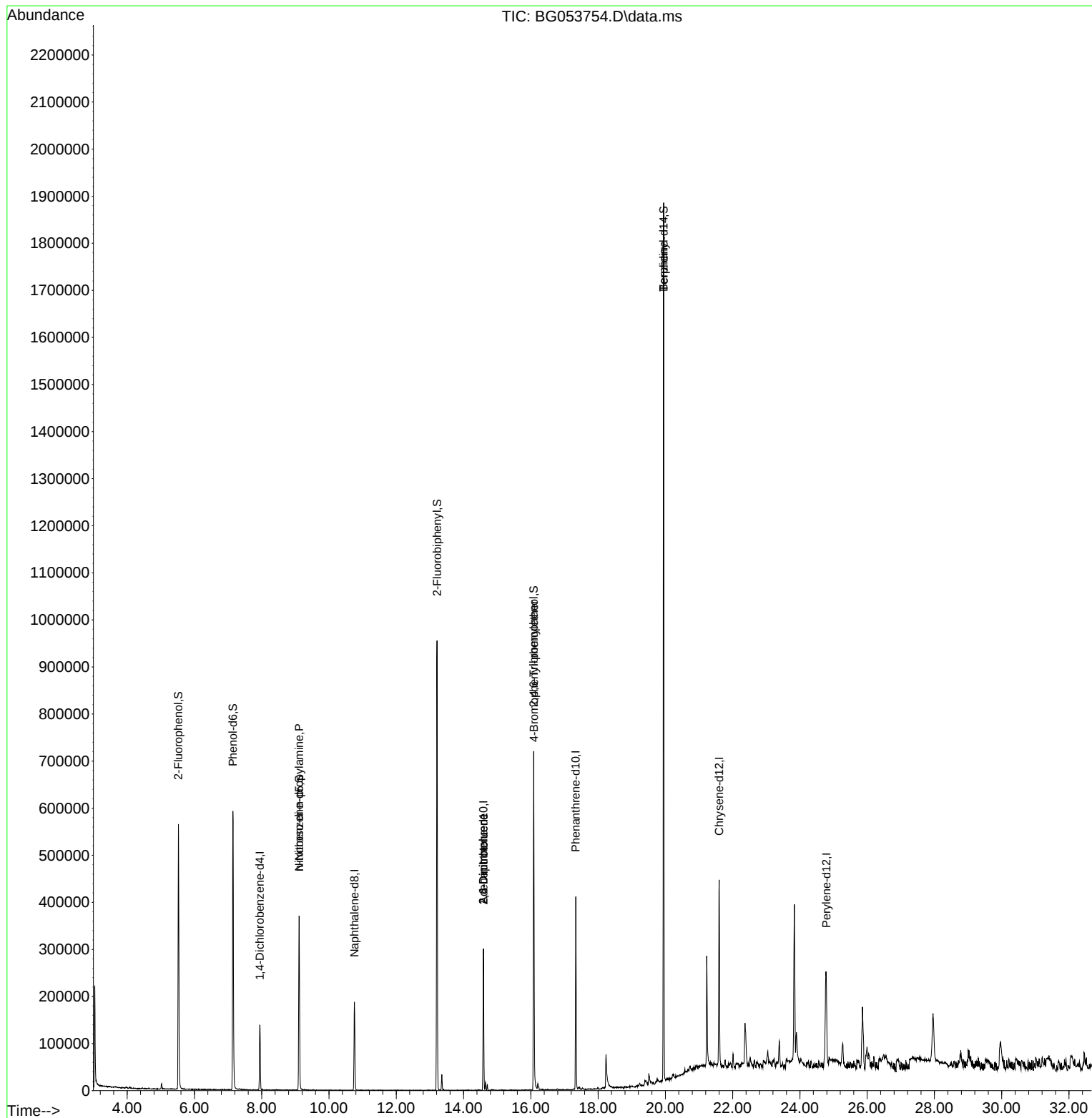
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	38761	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	155069	20.000	ng	0.00
39) Acenaphthene-d10	14.593	164	108840	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	239863	20.000	ng	# 0.00
76) Chrysene-d12	21.601	240	239129	20.000	ng	# 0.00
86) Perylene-d12	24.785	264	225614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.523	112	252555	110.580	ng	0.00
7) Phenol-d6	7.144	99	371873	107.286	ng	0.00
23) Nitrobenzene-d5	9.112	82	244991	67.253	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	150966	94.044	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	516404	69.332	ng	0.00
79) Terphenyl-d14	19.950	244	943503	73.485	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.112	70	32720	13.157	ng	# 74
51) 2,6-Dinitrotoluene	14.593	165	14379	8.533	ng	# 17
57) 2,4-Dinitrotoluene	14.593	165	14379	5.887	ng	# 22
67) 4-Bromophenyl-phenylether	16.091	248	9893	3.532	ng	# 1
77) Benzidine	19.950	184	13946	2.706	ng	# 95

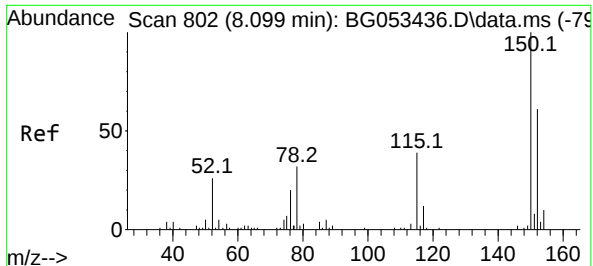
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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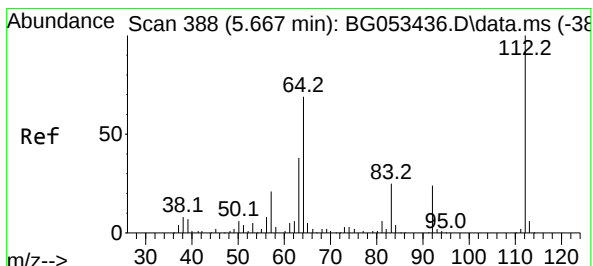
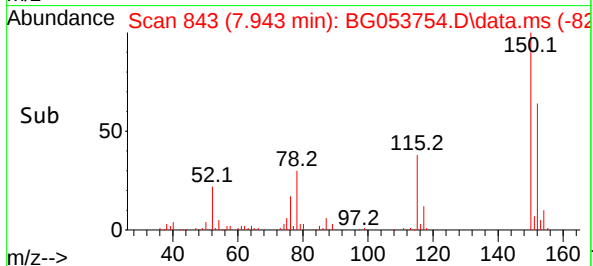
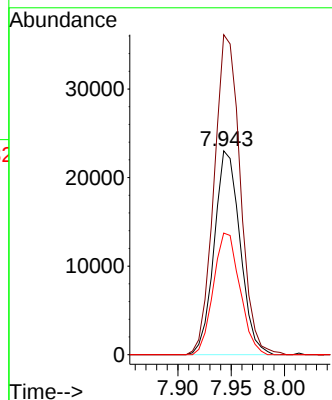
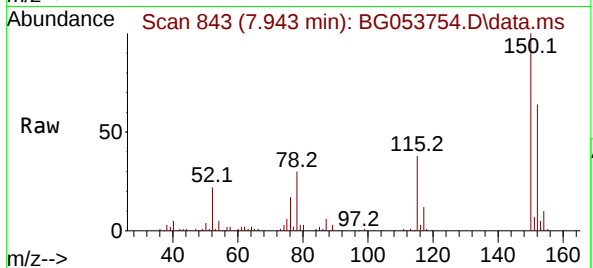




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

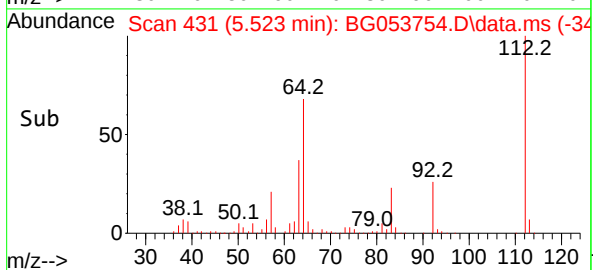
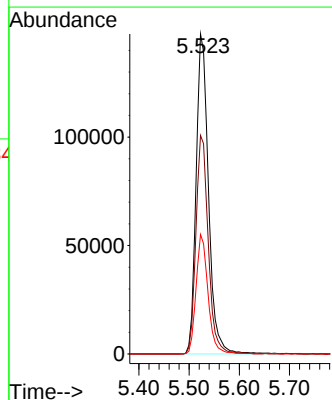
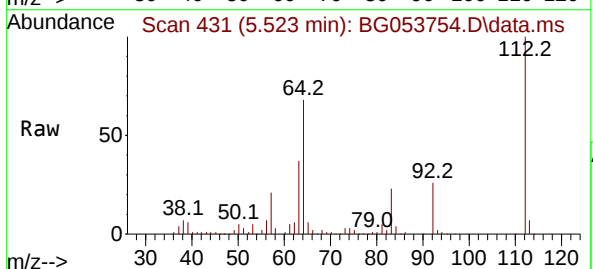
Instrument :
BNA_G
ClientSampleId :
RBR-671

Tgt Ion:152 Resp: 38761
Ion Ratio Lower Upper
152 100
150 157.0 131.6 197.4
115 59.6 50.9 76.3



#5
2-Fluorophenol
Concen: 110.580 ng
RT: 5.523 min Scan# 431
Delta R.T. -0.002 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion:112 Resp: 252555
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 37.3 30.4 45.6

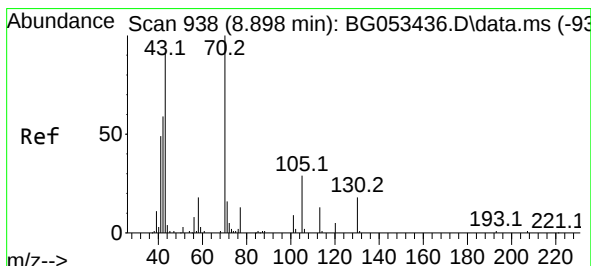
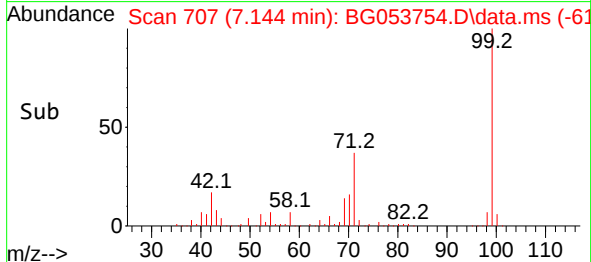
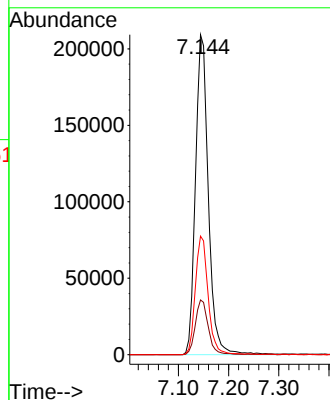
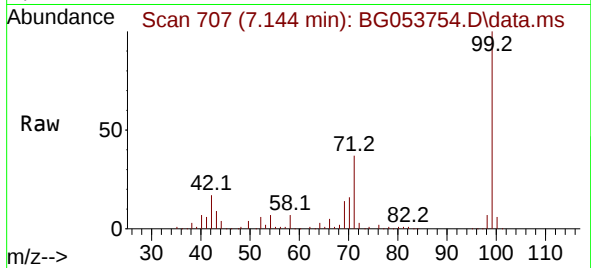




#7
Phenol-d6
Concen: 107.286 ng
RT: 7.144 min Scan# 70
Delta R.T. -0.008 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

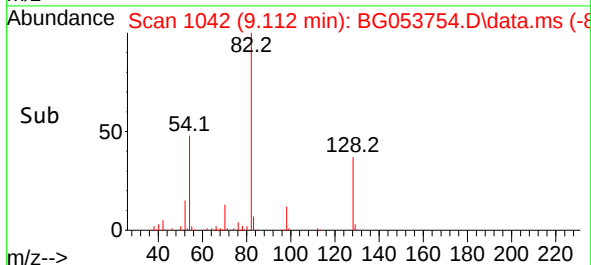
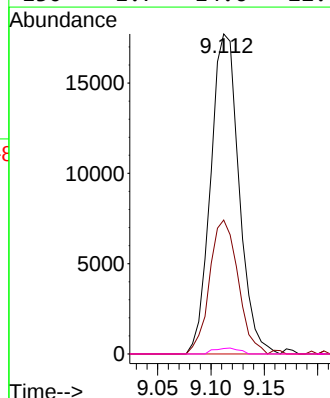
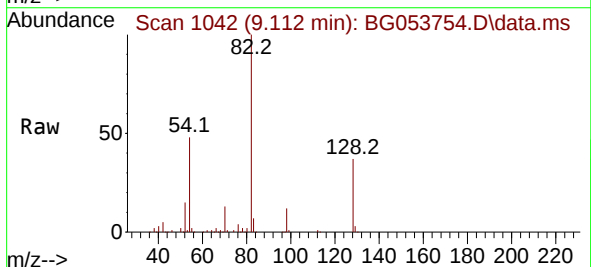
Instrument :
BNA_G
ClientSampleId :
RBR-671

Tgt Ion: 99 Resp: 371873
Ion Ratio Lower Upper
99 100
42 17.1 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.157 ng
RT: 9.112 min Scan# 1042
Delta R.T. 0.356 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion: 70 Resp: 32720
Ion Ratio Lower Upper
70 100
42 41.9 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.757 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053754.D

Acq: 28 May 2022 17:11

Instrument :

BNA_G

ClientSampleId :

RBR-671

Tgt Ion:136 Resp: 155069

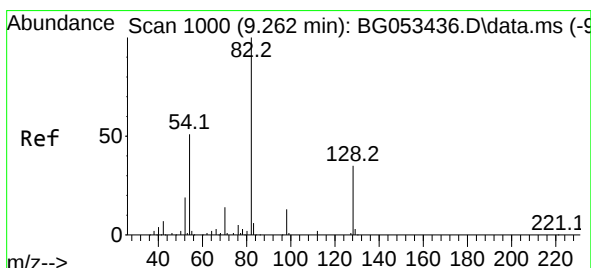
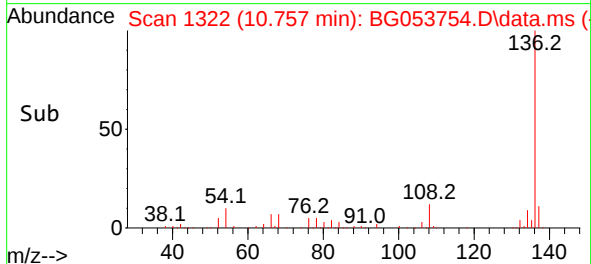
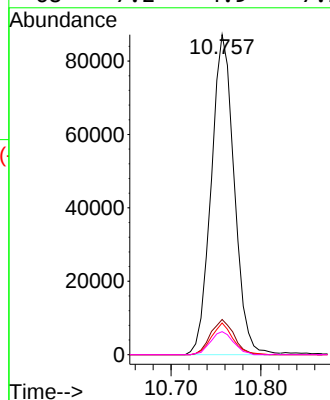
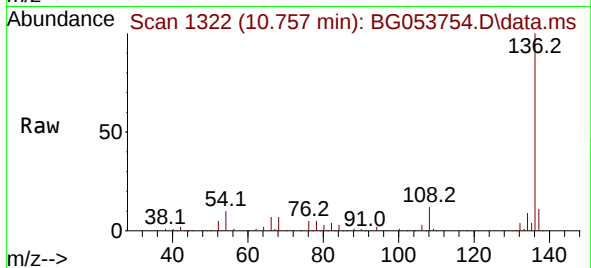
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.9 7.4 11.2

68 7.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 67.253 ng

RT: 9.112 min Scan# 1042

Delta R.T. -0.008 min

Lab File: BG053754.D

Acq: 28 May 2022 17:11

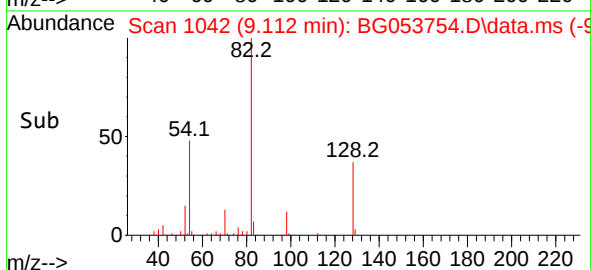
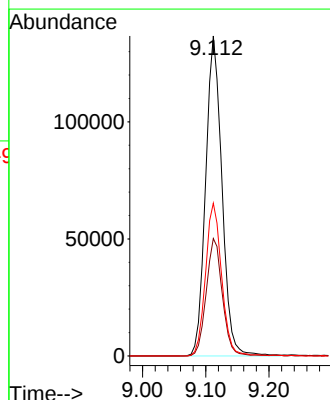
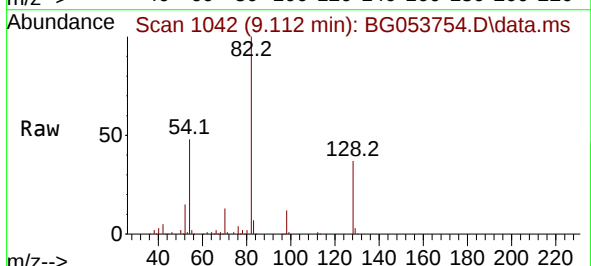
Tgt Ion: 82 Resp: 244991

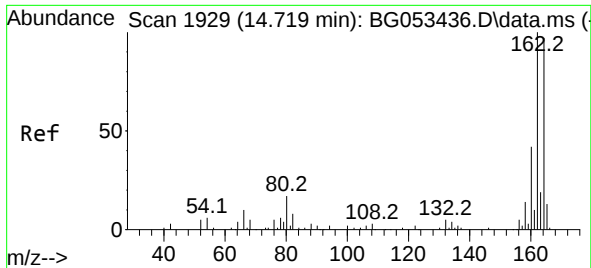
Ion Ratio Lower Upper

82 100

128 36.7 27.9 41.9

54 47.8 41.2 61.8

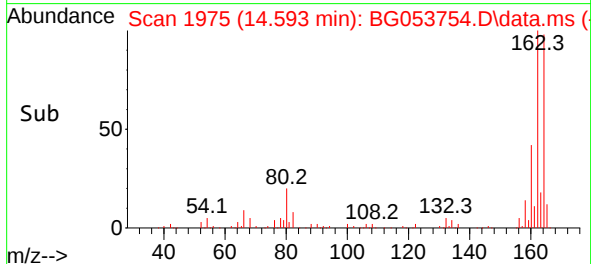
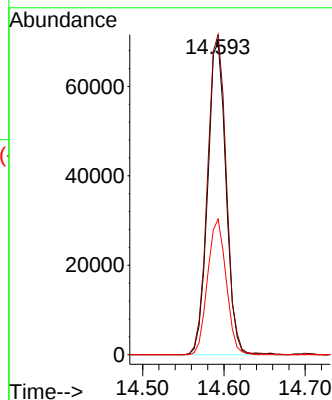
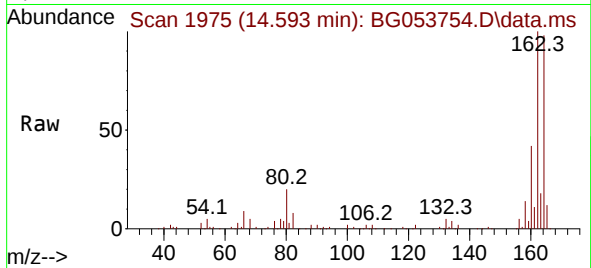




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

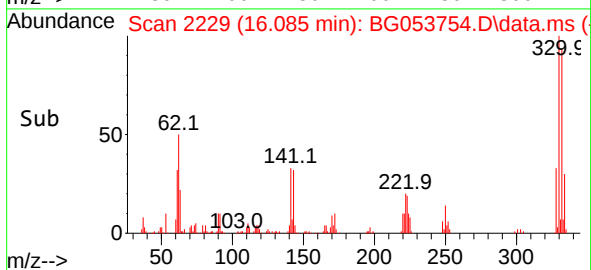
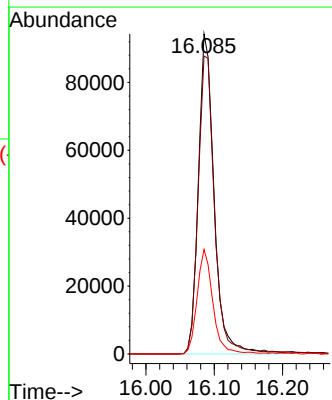
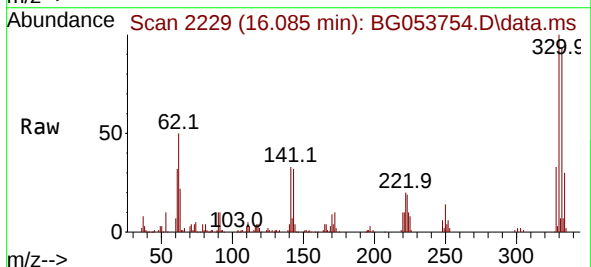
Instrument :
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RBR-671

Tgt Ion:164 Resp: 108840
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 43.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 94.044 ng
RT: 16.085 min Scan# 2229
Delta R.T. -0.008 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion:330 Resp: 150966
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 32.7 27.1 40.7

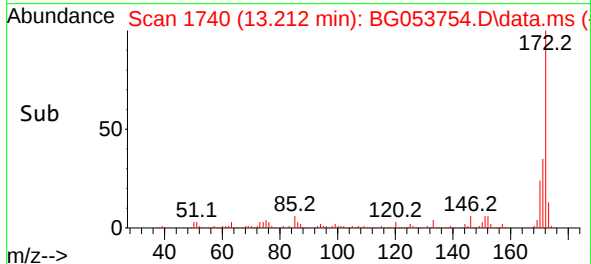
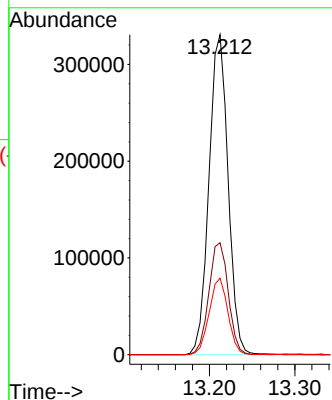
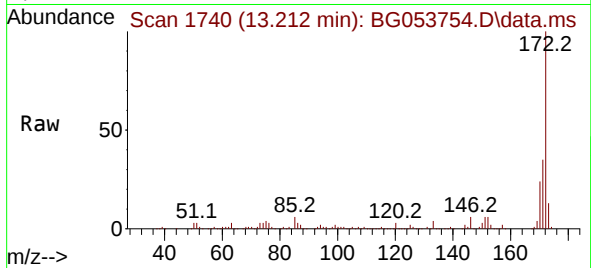




#45
2-Fluorobiphenyl
Concen: 69.332 ng
RT: 13.212 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

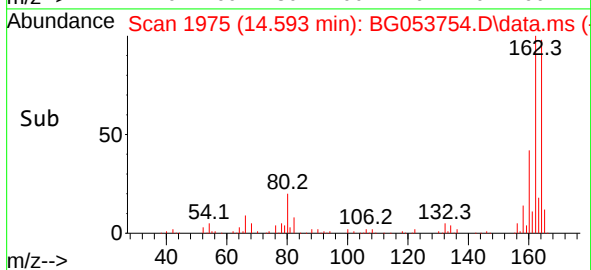
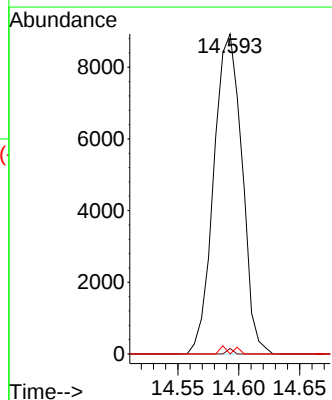
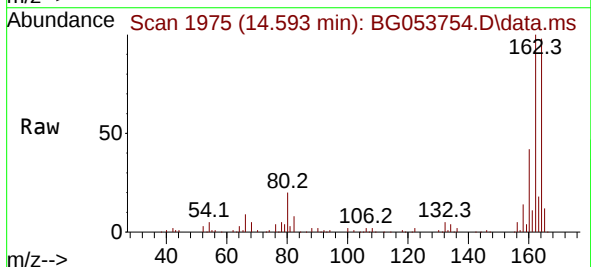
Instrument :
BNA_G
ClientSampleId :
RBR-671

Tgt Ion:172 Resp: 516404
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.533 ng
RT: 14.593 min Scan# 1975
Delta R.T. 0.420 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion:165 Resp: 14379
Ion Ratio Lower Upper
165 100
63 1.7 54.1 81.1#
89 0.0 54.8 82.2#

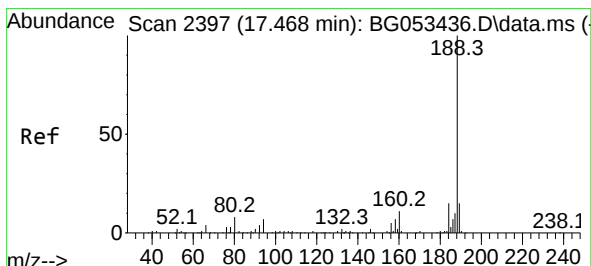
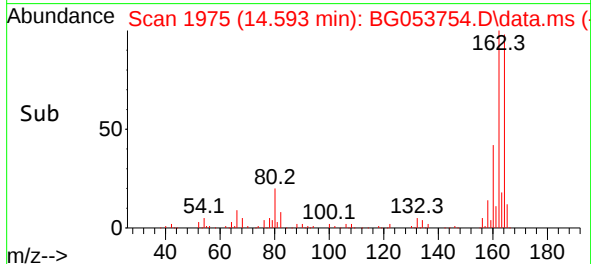
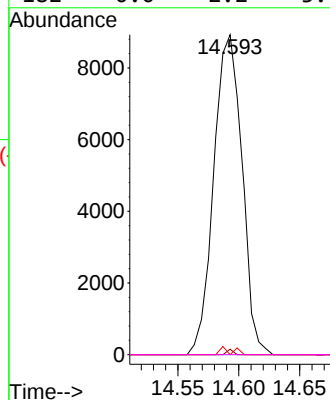
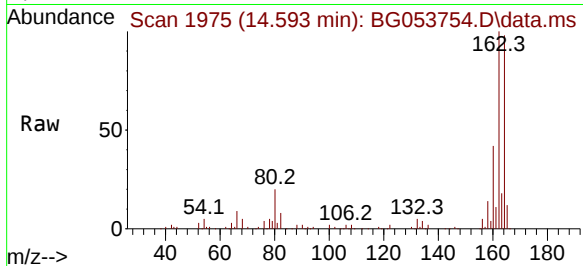




#57
2,4-Dinitrotoluene
Concen: 5.887 ng
RT: 14.593 min Scan# 14
Delta R.T. -0.373 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

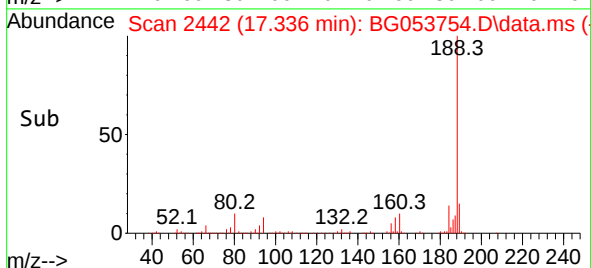
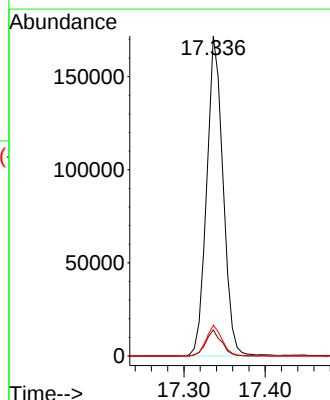
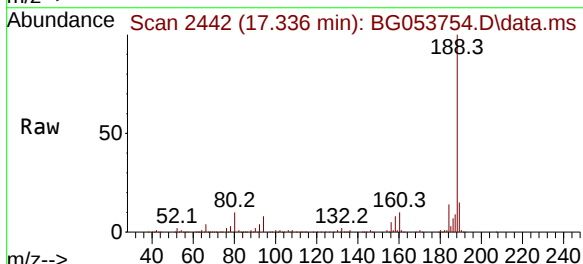
Instrument :
BNA_G
ClientSampleId :
RBR-671

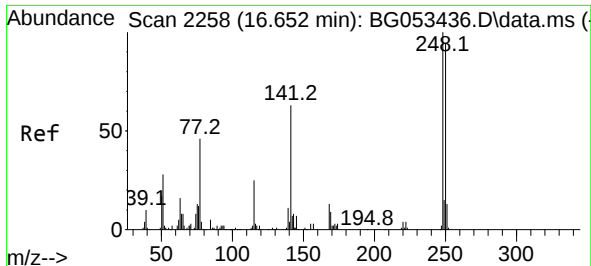
Tgt Ion:165	Resp:	14379
Ion Ratio	Lower	Upper
165	100	
63	1.7	34.6 52.0#
89	0.0	60.3 90.5#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.008 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion:188	Resp:	239863
Ion Ratio	Lower	Upper
188	100	
94	8.2	5.4 8.0#
80	9.6	6.8 10.2

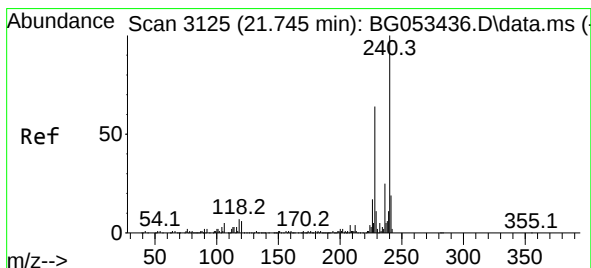
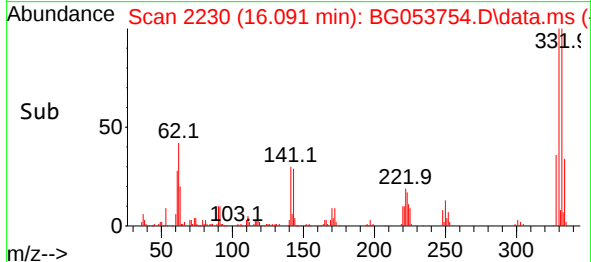
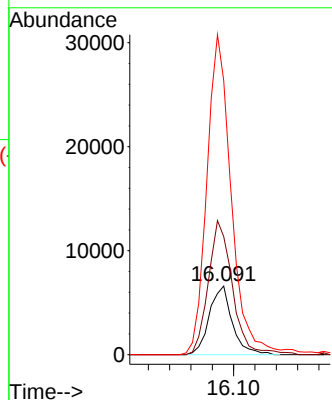
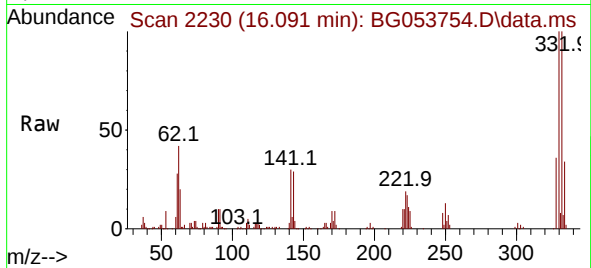




#67
4-Bromophenyl-phenylether
Concen: 3.532 ng
RT: 16.091 min Scan# 21
Delta R.T. -0.437 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

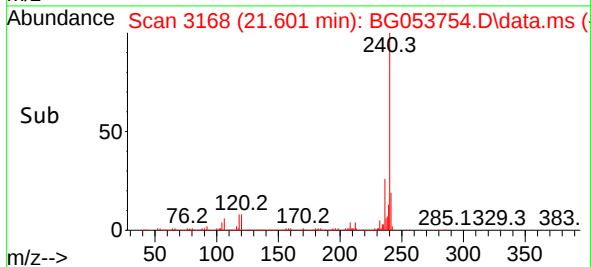
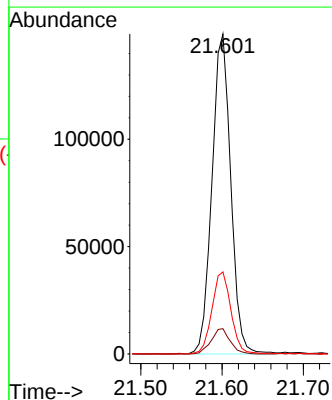
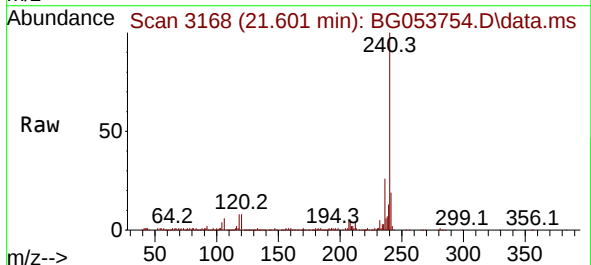
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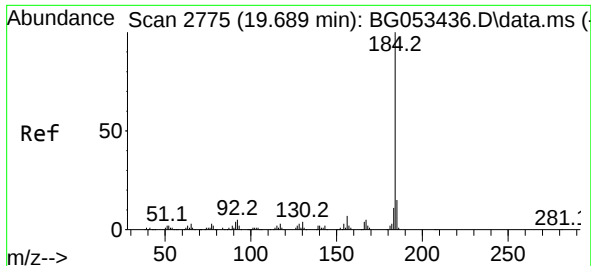
Tgt Ion:248 Resp: 9893
Ion Ratio Lower Upper
248 100
250 171.9 75.2 112.8#
141 399.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion:240 Resp: 239129
Ion Ratio Lower Upper
240 100
120 7.9 4.6 7.0#
236 25.6 20.2 30.4

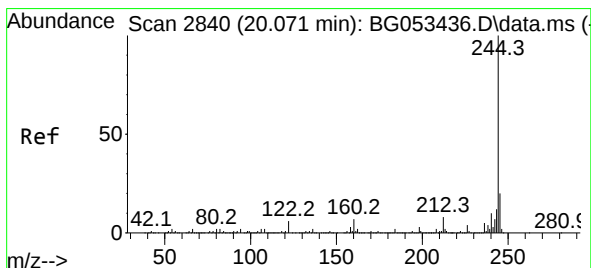
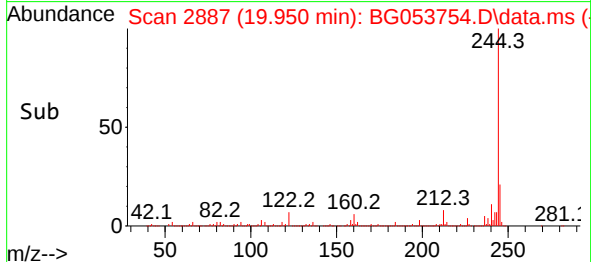
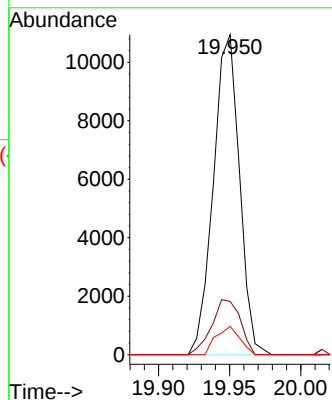
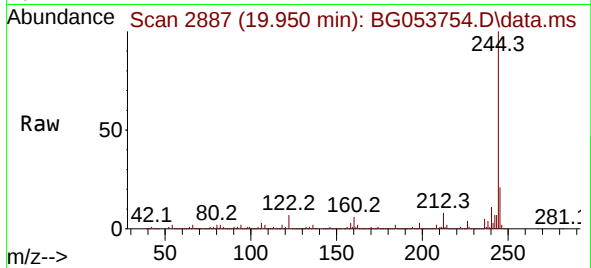




#77
Benzidine
Concen: 2.706 ng
RT: 19.950 min Scan# 21
Delta R.T. 0.373 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

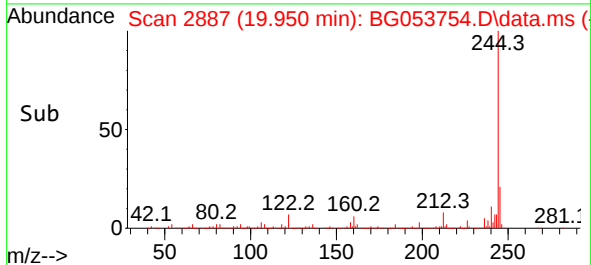
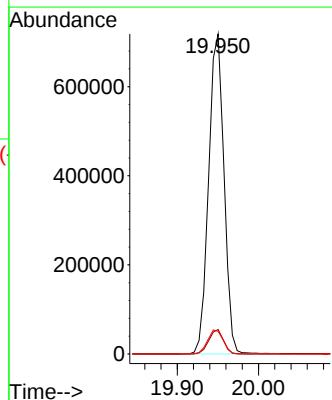
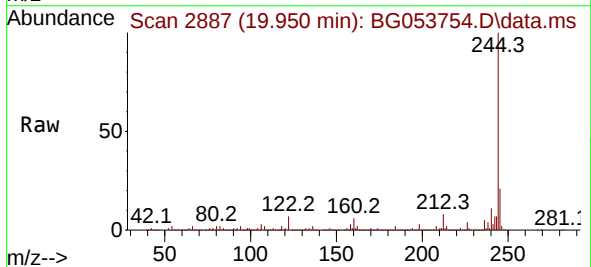
Instrument :
BNA_G
ClientSampleId :
RBR-671

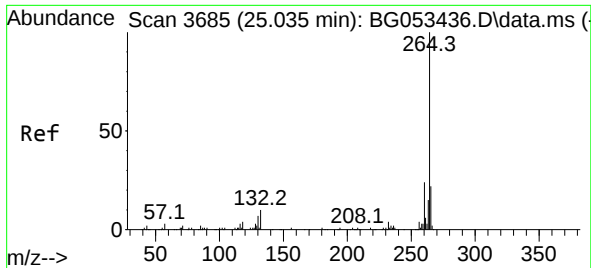
Tgt Ion:184 Resp: 13946
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.6
183 8.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 73.485 ng
RT: 19.950 min Scan# 2887
Delta R.T. -0.002 min
Lab File: BG053754.D
Acq: 28 May 2022 17:11

Tgt Ion:244 Resp: 943503
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.785 min Scan# 31
 Delta R.T. -0.002 min
 Lab File: BG053754.D
 Acq: 28 May 2022 17:11

Instrument :
 BNA_G
 ClientSampleId :
 RBR-671

Tgt Ion:264 Resp: 225614
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.2 17.4 26.2

