

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053055.D
 Acq On : 6 Apr 2022 15:11
 Operator : CG/JU
 Sample : N2269-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Apr 06 16:03:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

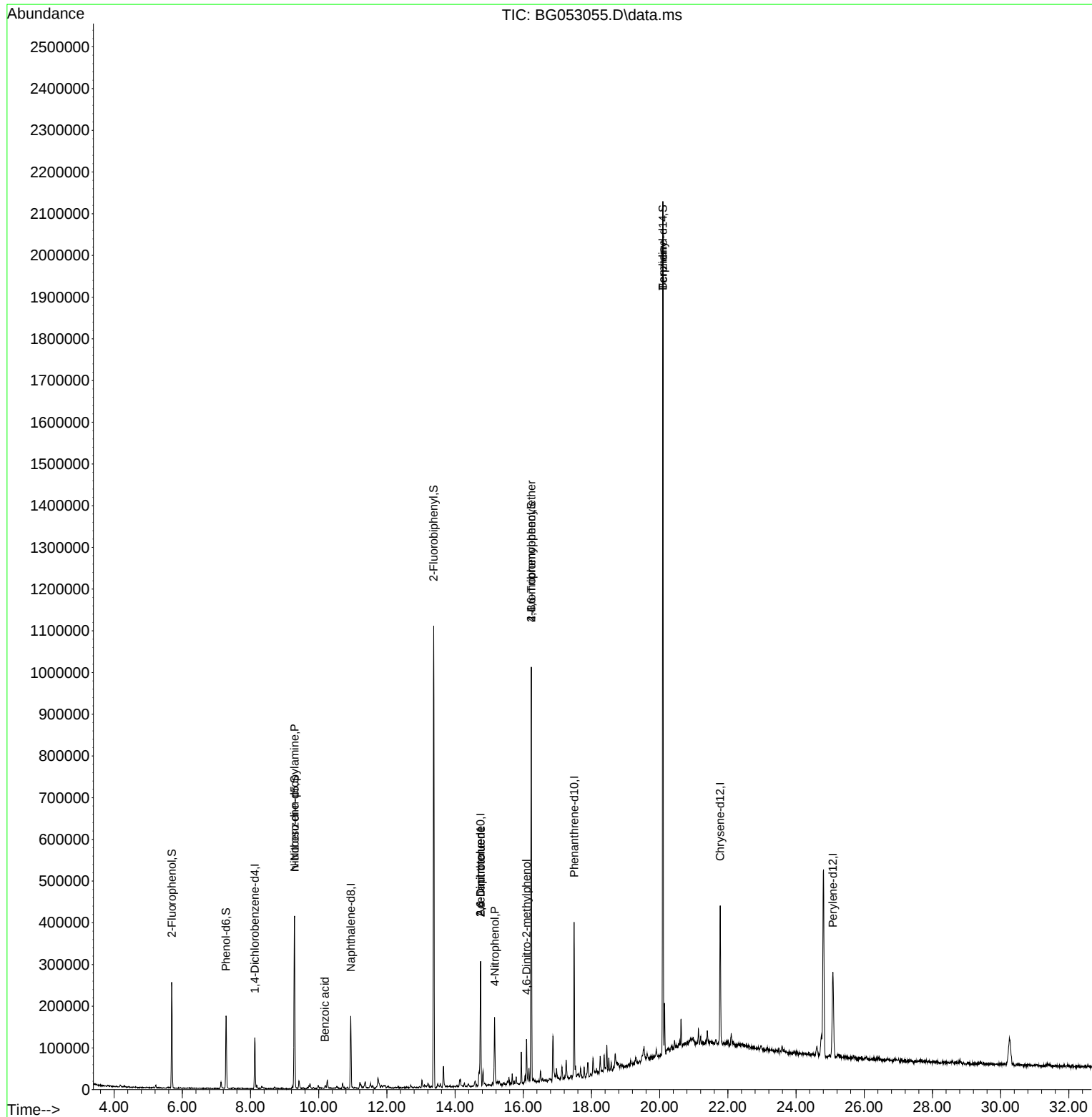
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	31662	20.000	ng	0.00
21) Naphthalene-d8	10.942	136	136093	20.000	ng	0.00
39) Acenaphthene-d10	14.748	164	98861	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	230301	20.000	ng	0.00
76) Chrysene-d12	21.774	240	216240	20.000	ng	0.00
86) Perylene-d12	25.081	264	227681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	100635	55.352	ng	0.00
7) Phenol-d6	7.282	99	96264	35.121	ng	0.00
23) Nitrobenzene-d5	9.291	82	263862	97.311	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	184992	139.256	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	575326	85.829	ng	0.00
79) Terphenyl-d14	20.094	244	1006077	82.763	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.258	77	740	Below Cal		97
19) n-Nitroso-di-n-propyla...	9.291	70	38872	20.024 ng	#	76
32) Benzoic acid	10.184	122	785	6.157 ng	#	77
51) 2,6-Dinitrotoluene	14.748	165	12634	10.184 ng	#	26
56) 4-Nitrophenol	15.165	139	6727	5.681 ng	#	50
57) 2,4-Dinitrotoluene	14.748	165	12634	7.340 ng	#	24
65) 4,6-Dinitro-2-methylph...	16.093	198	22175	21.598 ng	#	49
67) 4-Bromophenyl-phenylether	16.234	248	12150	4.376 ng	#	1
77) Benzidine	20.094	184	19224	3.447 ng	#	84

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration

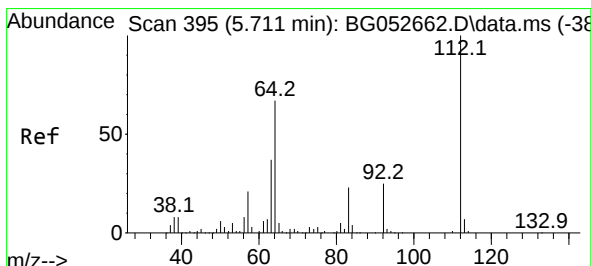
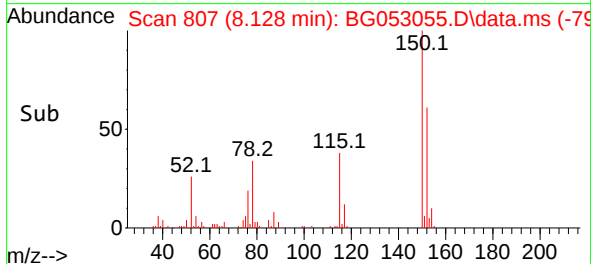
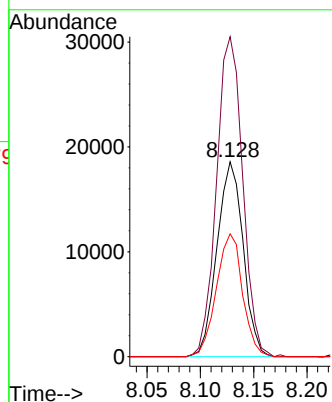
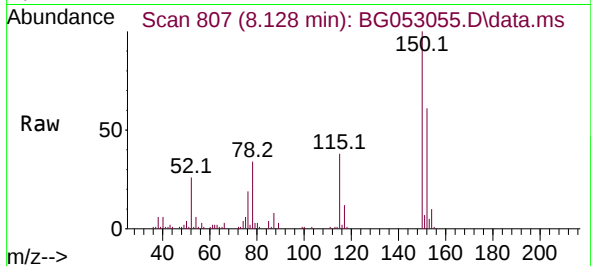




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 807
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

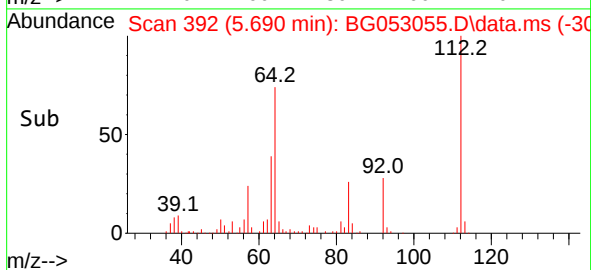
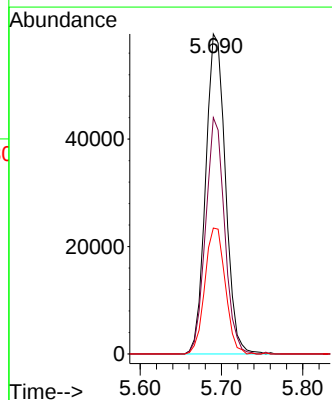
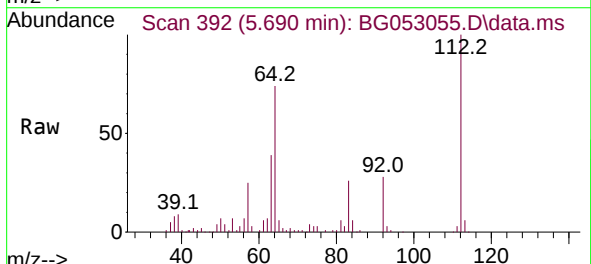
Instrument :
BNA_G
ClientSampleId :
TP-5

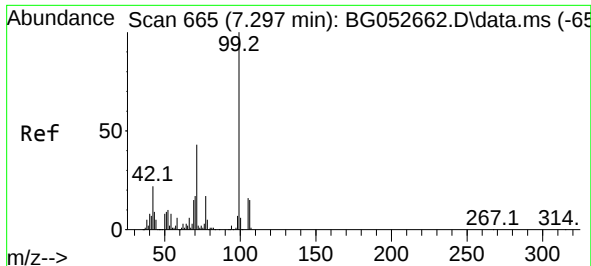
Tgt Ion:152 Resp: 31662
Ion Ratio Lower Upper
152 100
150 164.2 114.6 172.0
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 55.352 ng
RT: 5.690 min Scan# 392
Delta R.T. 0.006 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:112 Resp: 100635
Ion Ratio Lower Upper
112 100
64 73.8 48.0 72.0#
63 39.4 26.5 39.7

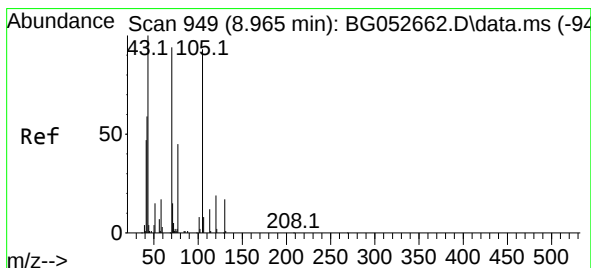
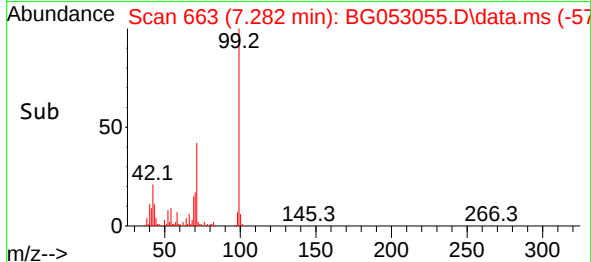
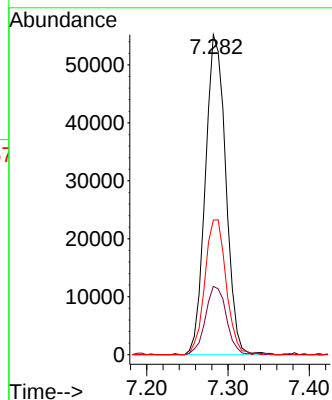
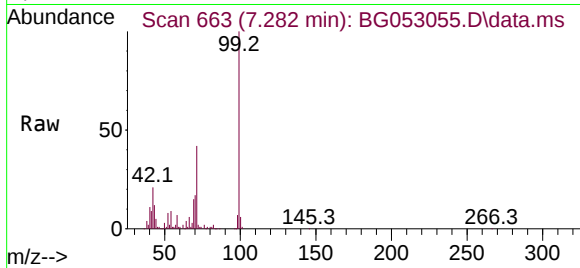




#7
Phenol-d6
Concen: 35.121 ng
RT: 7.282 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

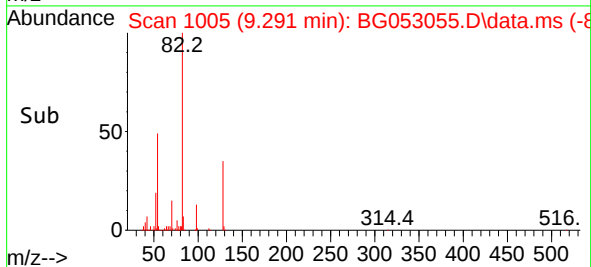
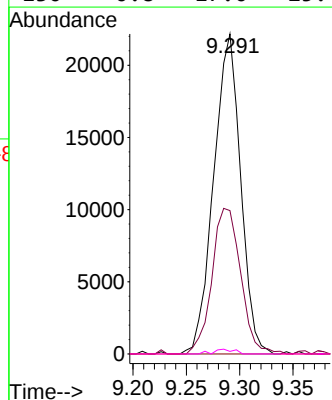
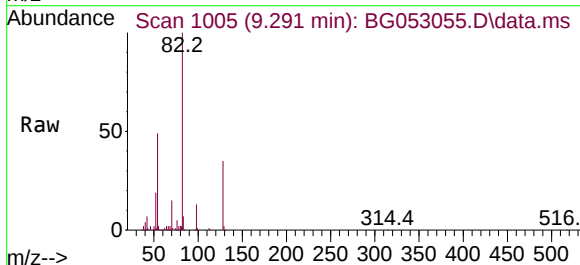
Instrument :
BNA_G
ClientSampleId :
TP-5

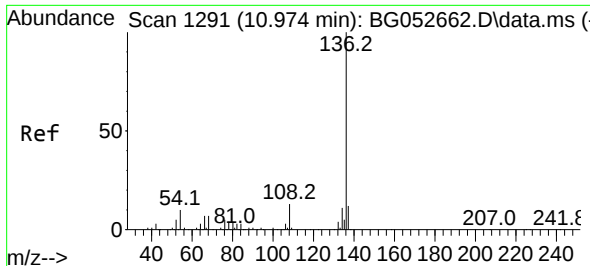
Tgt Ion: 99 Resp: 96264
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 42.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.024 ng
RT: 9.291 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion: 70 Resp: 38872
Ion Ratio Lower Upper
70 100
42 44.8 46.0 69.0#
101 0.0 6.2 9.4#
130 0.8 17.0 25.4#

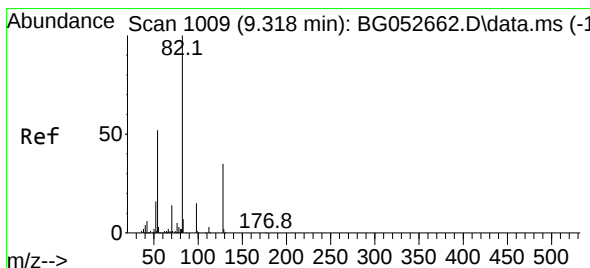
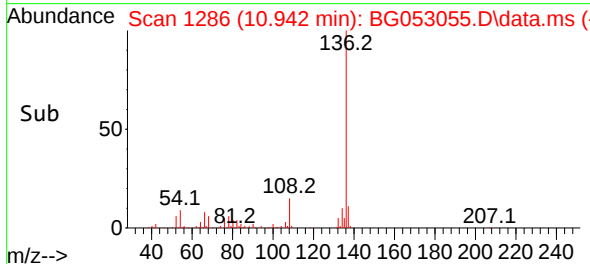
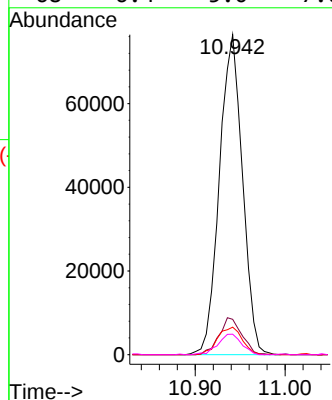
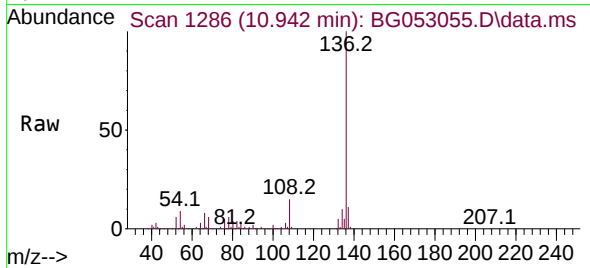




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

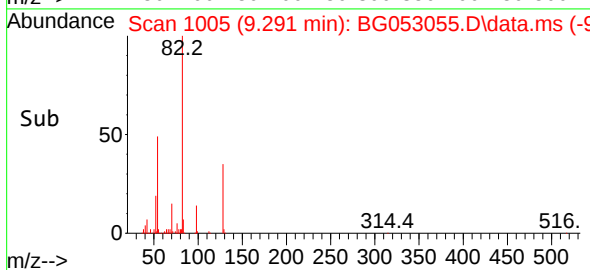
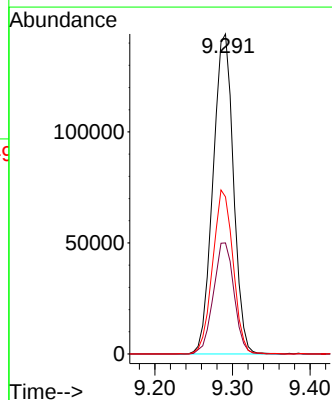
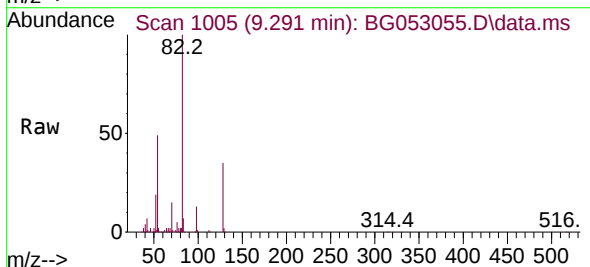
Instrument :
BNA_G
ClientSampleId :
TP-5

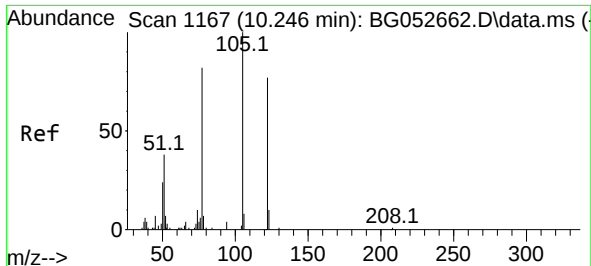
Tgt Ion:136 Resp: 136093
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 8.6 6.4 9.6
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 97.311 ng
RT: 9.291 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion: 82 Resp: 263862
Ion Ratio Lower Upper
82 100
128 34.7 31.3 46.9
54 49.1 37.8 56.8

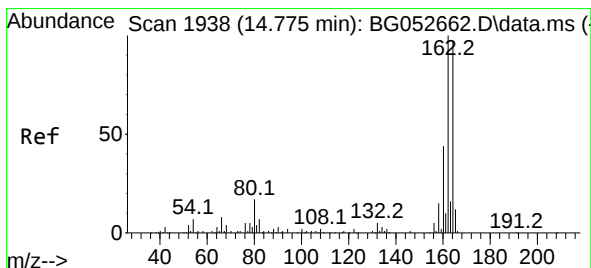
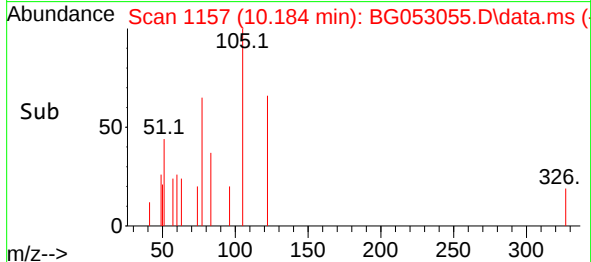
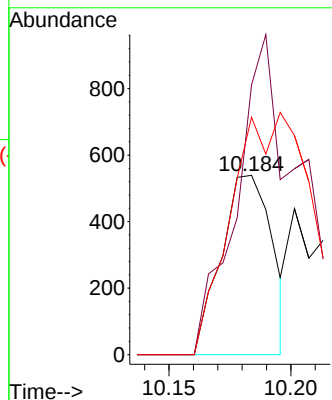
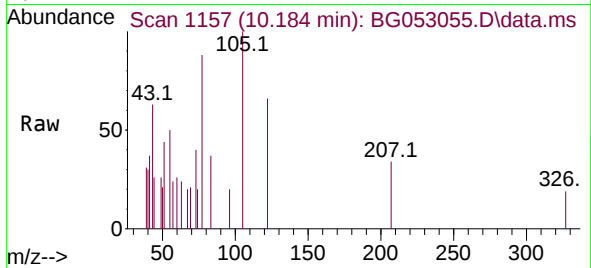




#32
Benzoic acid
Concen: 6.157 ng
RT: 10.184 min Scan# 1167
Delta R.T. -0.053 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

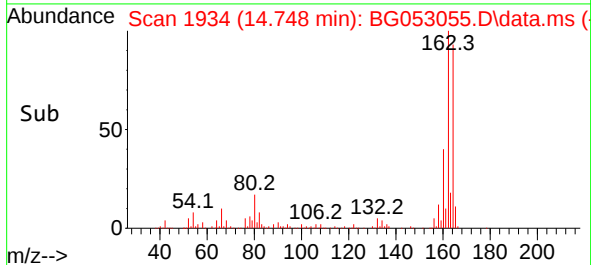
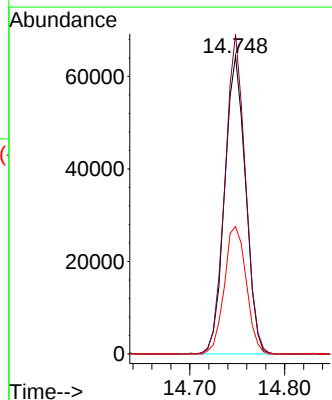
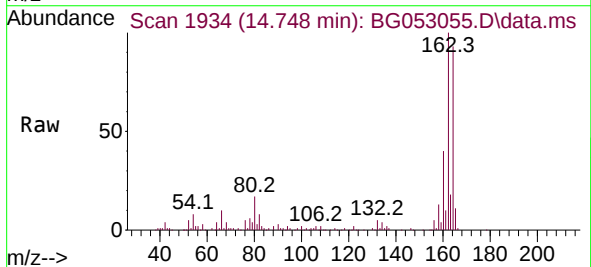
Instrument :
BNA_G
ClientSampleId :
TP-5

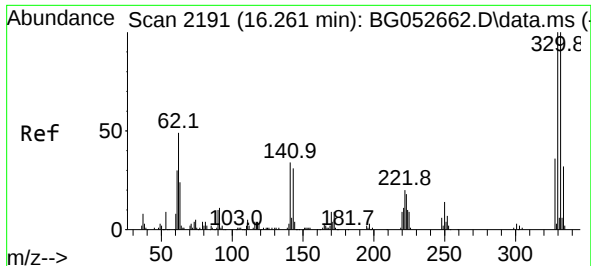
Tgt Ion:122 Resp: 785
Ion Ratio Lower Upper
122 100
105 150.5 112.8 152.8
77 132.5 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:164 Resp: 98861
Ion Ratio Lower Upper
164 100
162 107.3 80.0 120.0
160 42.7 38.8 58.2

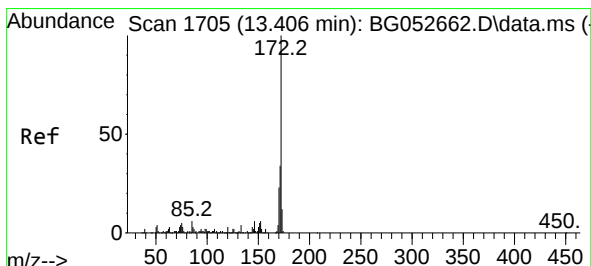
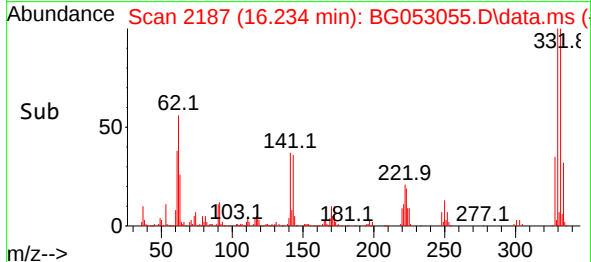
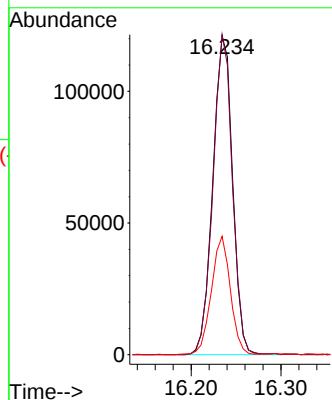
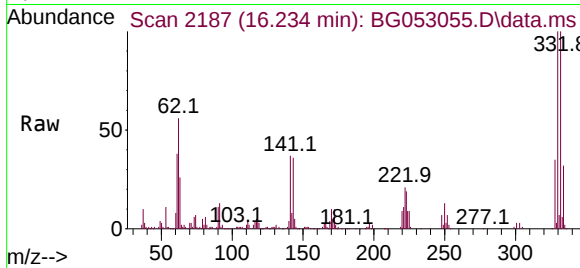




#42
2,4,6-Tribromophenol
Concen: 139.256 ng
RT: 16.234 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

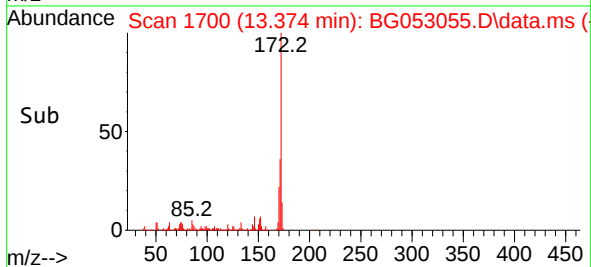
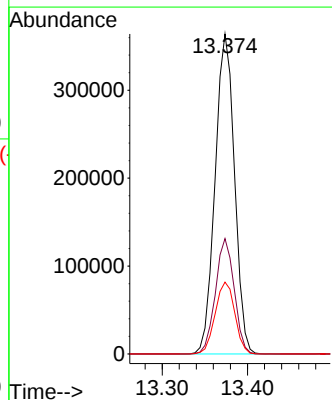
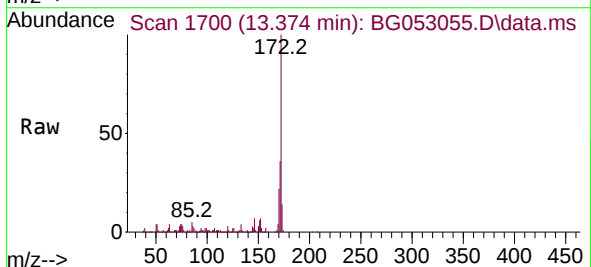
Instrument :
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ClientSampleId :
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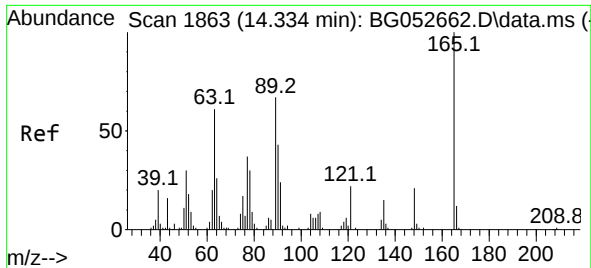
Tgt Ion:330 Resp: 184992
Ion Ratio Lower Upper
330 100
332 98.5 75.8 113.6
141 35.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 85.829 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:172 Resp: 575326
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 22.5 18.0 27.0

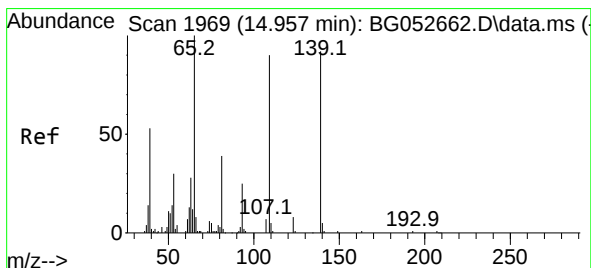
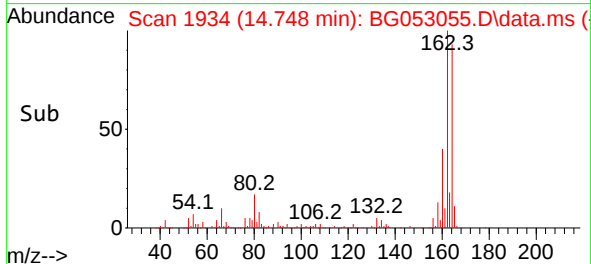
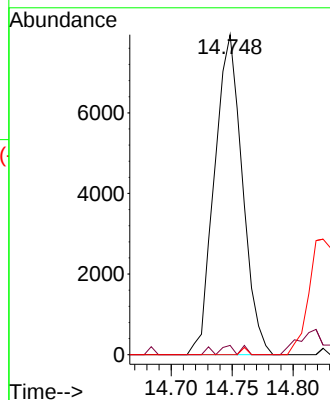
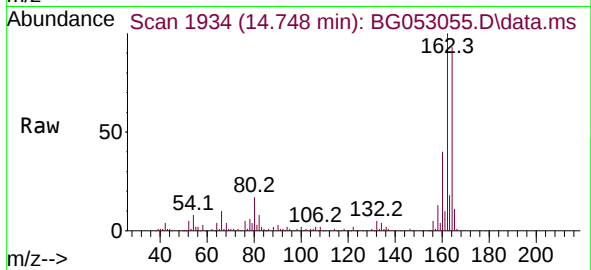




#51
2,6-Dinitrotoluene
Concen: 10.184 ng
RT: 14.748 min Scan# 11
Delta R.T. 0.435 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

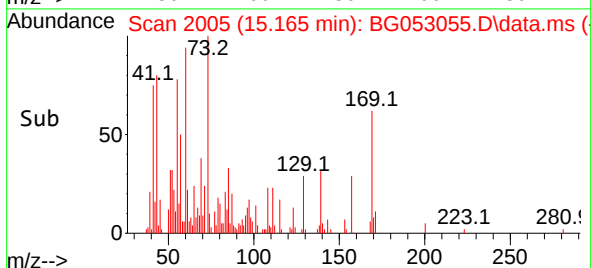
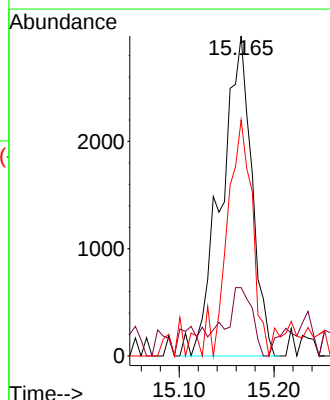
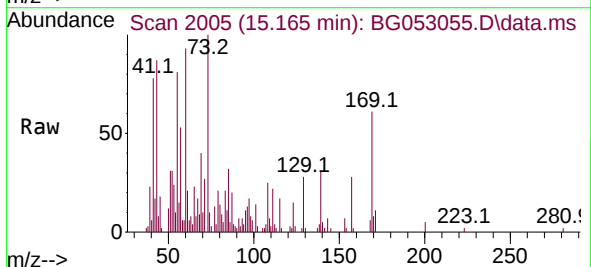
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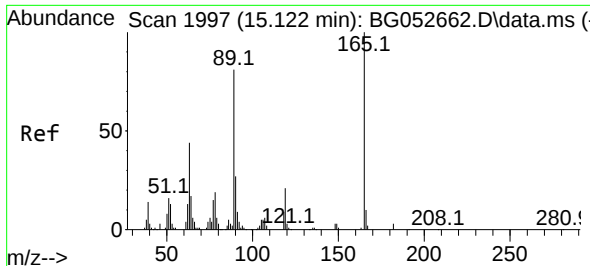
Tgt Ion:165 Resp: 12634
Ion Ratio Lower Upper
165 100
63 2.9 43.7 65.5#
89 0.0 45.0 67.4#



#56
4-Nitrophenol
Concen: 5.681 ng
RT: 15.165 min Scan# 2005
Delta R.T. 0.223 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:139 Resp: 6727
Ion Ratio Lower Upper
139 100
109 21.4 67.1 107.1#
65 73.8 88.2 128.2#

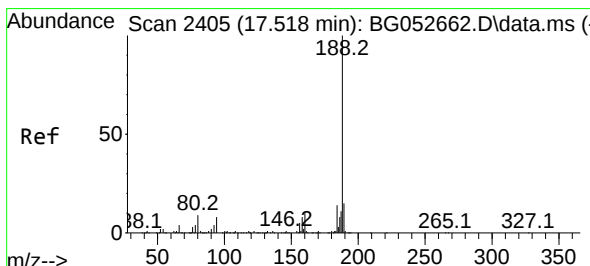
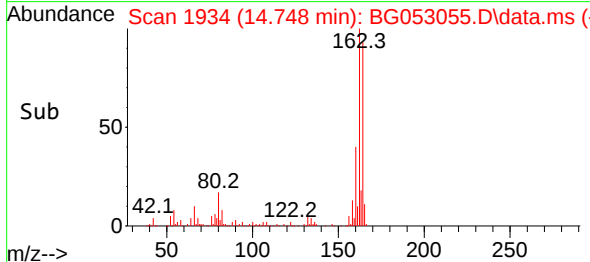
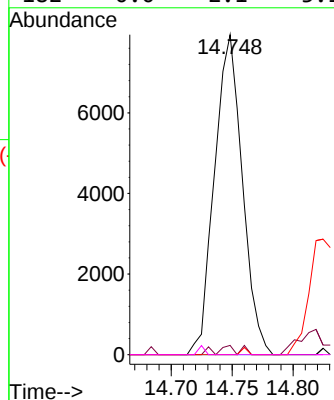
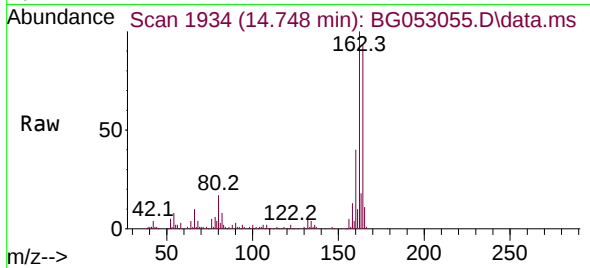




#57
2,4-Dinitrotoluene
Concen: 7.340 ng
RT: 14.748 min Scan# 1997
Delta R.T. -0.353 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

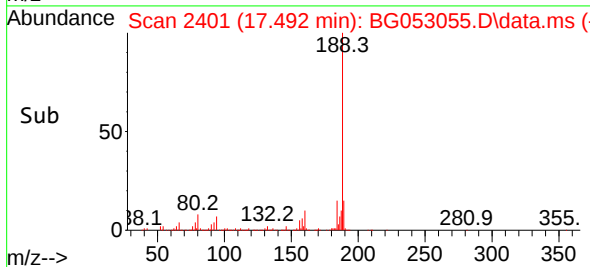
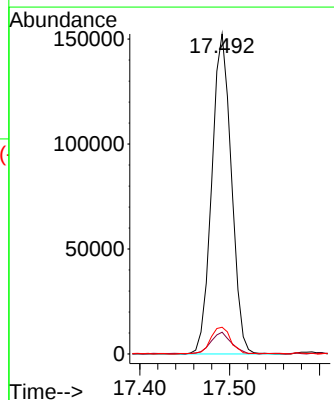
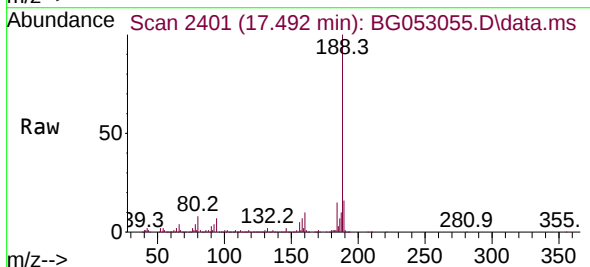
Instrument :
BNA_G
ClientSampleId :
TP-5

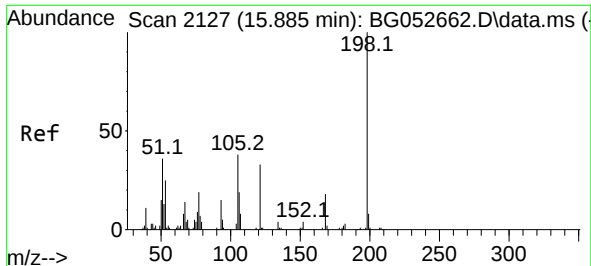
Tgt Ion:165 Resp: 12634
Ion Ratio Lower Upper
165 100
63 2.9 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:188 Resp: 230301
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 8.4 7.2 10.8

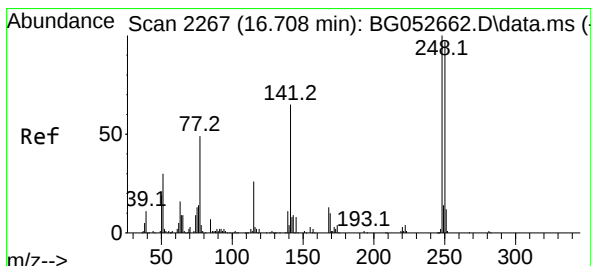
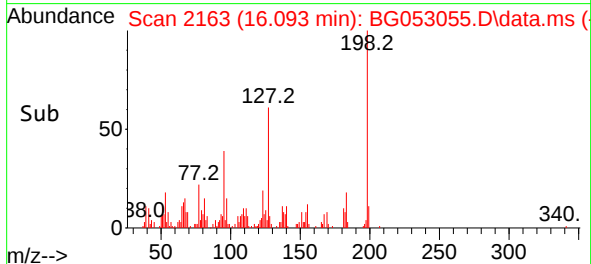
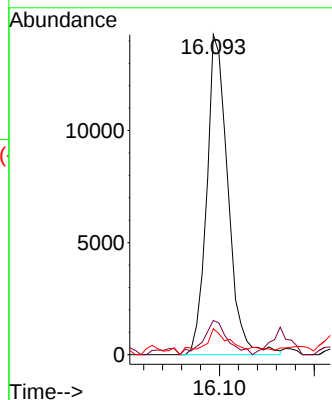
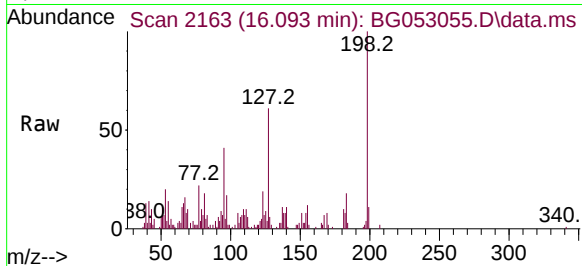




#65
4,6-Dinitro-2-methylphenol
Concen: 21.598 ng
RT: 16.093 min Scan# 2118
Delta R.T. 0.229 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

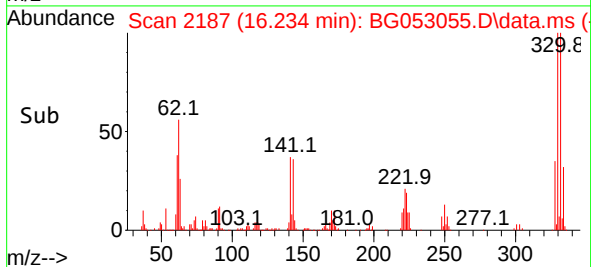
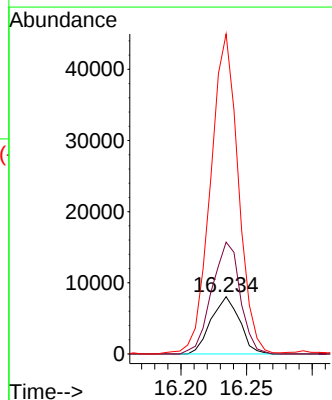
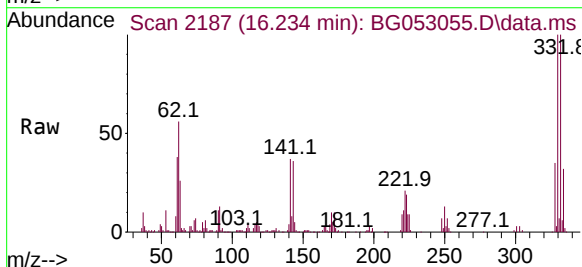
Instrument :
BNA_G
ClientSampleId :
TP-5

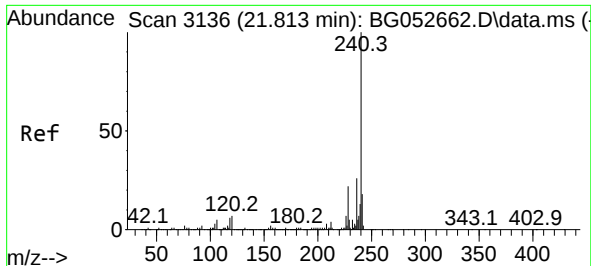
Tgt Ion:198 Resp: 22175
Ion Ratio Lower Upper
198 100
51 10.7 21.7 61.7#
105 8.2 20.8 60.8#



#67
4-Bromophenyl-phenylether
Concen: 4.376 ng
RT: 16.234 min Scan# 2187
Delta R.T. -0.441 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:248 Resp: 12150
Ion Ratio Lower Upper
248 100
250 194.9 77.9 116.9#
141 557.8 49.2 73.8#

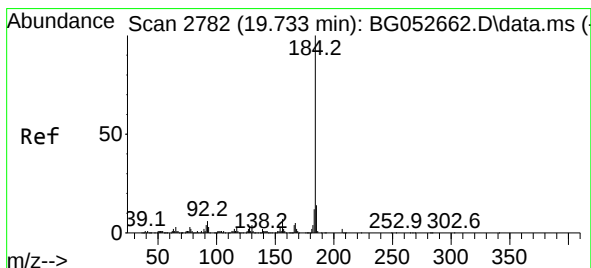
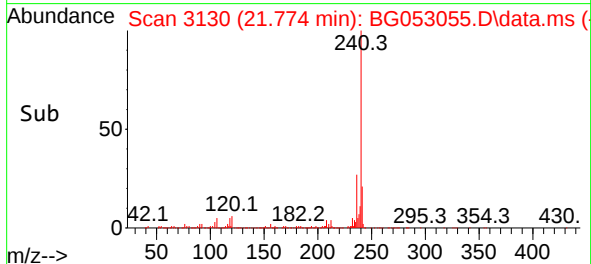
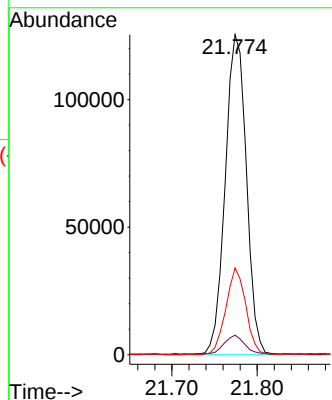
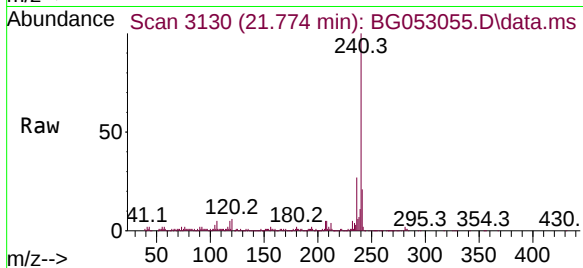




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.774 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

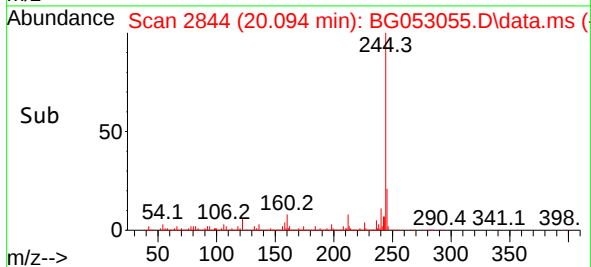
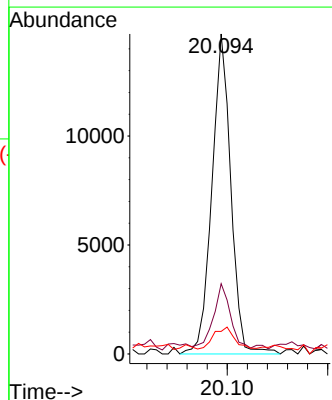
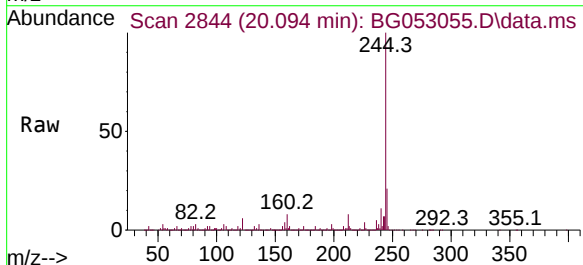
Instrument :
BNA_G
ClientSampleId :
TP-5

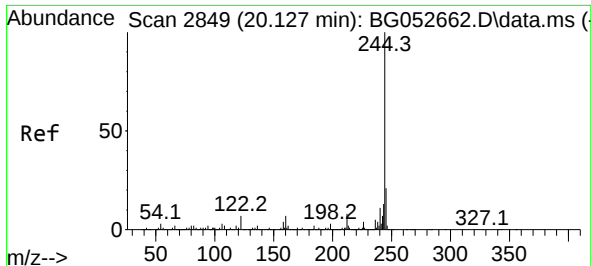
Tgt Ion:240 Resp: 216240
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 27.1 19.8 29.6



#77
Benzidine
Concen: 3.447 ng
RT: 20.094 min Scan# 2844
Delta R.T. 0.382 min
Lab File: BG053055.D
Acq: 6 Apr 2022 15:11

Tgt Ion:184 Resp: 19224
Ion Ratio Lower Upper
184 100
185 22.0 11.5 17.3#
183 7.1 9.4 14.2#

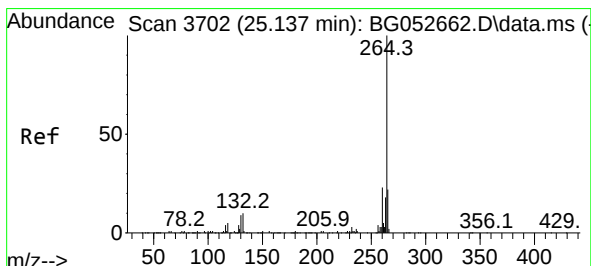
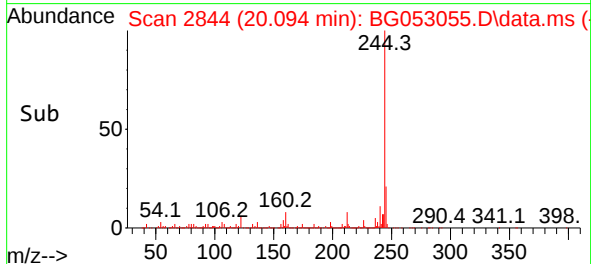
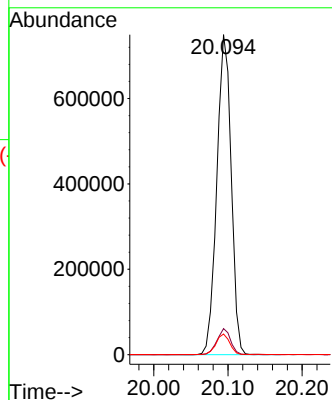
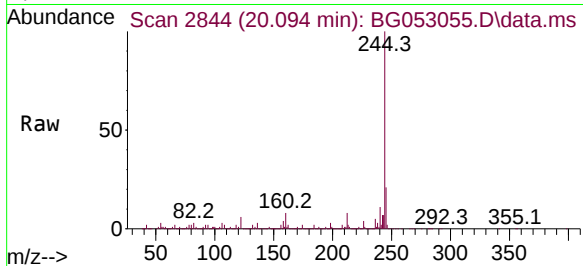




#79
 Terphenyl-d14
 Concen: 82.763 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG053055.D
 Acq: 6 Apr 2022 15:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1006077
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.081 min Scan# 3693
 Delta R.T. -0.000 min
 Lab File: BG053055.D
 Acq: 6 Apr 2022 15:11

Tgt Ion:264 Resp: 227681
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.8 15.1 22.7

