

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
 Data File : BG055793.D
 Acq On : 25 Nov 2022 23:29
 Operator : CG/JU
 Sample : N5692-01DL 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 26 00:30:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

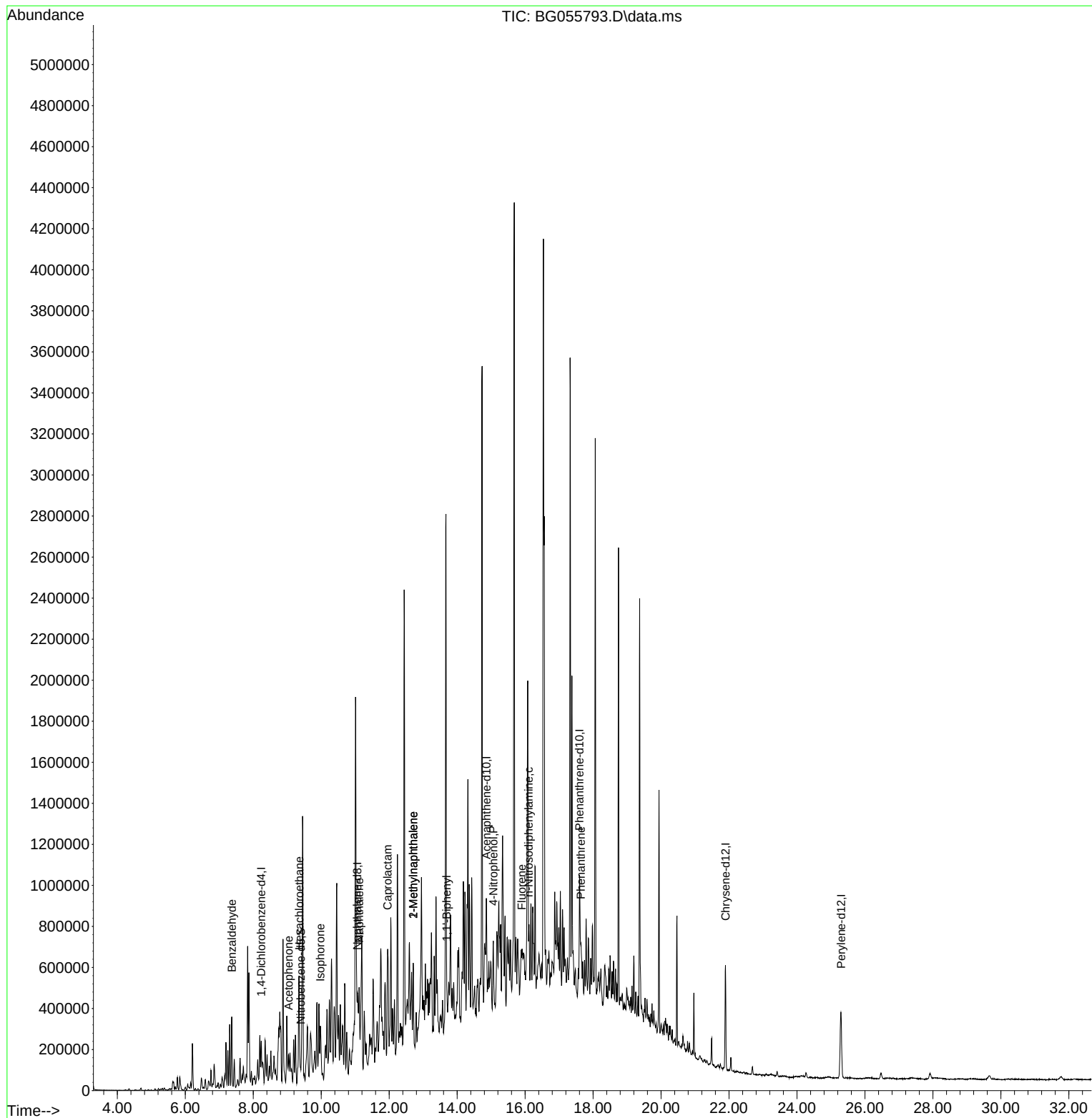
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	61986	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	236115	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	153924	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	319313	20.000	ng	0.00
76) Chrysene-d12	21.896	240	332791	20.000	ng	0.00
86) Perylene-d12	25.298	264	360358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	5334	1.555	ng	0.00
7) Phenol-d6	7.384	99	7734	1.694	ng	0.00
23) Nitrobenzene-d5	9.393	82	13326	2.983	ng	-0.02
42) 2,4,6-Tribromophenol	16.344	330	2888	1.332	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	12847	1.250	ng	0.00
79) Terphenyl-d14	20.186	244	21396	1.286	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.366	77	9430	3.042	ng	# 1
18) Hexachloroethane	9.352	117	54056	33.720	ng	# 1
22) Acetophenone	9.040	105	85276	13.899	ng	# 55
25) Isophorone	9.975	82	25804	3.049	ng	# 1
31) Naphthalene	11.115	128	80431	6.301	ng	# 81
35) Caprolactam	11.949	113	6387	4.704	ng	# 1
37) 2-Methylnaphthalene	12.707	142	194557	20.358	ng	99
38) 1-Methylnaphthalene	12.707	142	194557	20.970	ng	97
46) 1,1'-Biphenyl	13.694	154	36046	3.214	ng	95
56) 4-Nitrophenol	15.069	139	9565	4.425	ng	# 55
58) Fluorene	15.903	166	25038	2.166	ng	# 80
66) n-Nitrosodiphenylamine	16.103	169	29903	3.398	ng	# 46
71) Phenanthrene	17.642	178	56355	3.270	ng	# 94

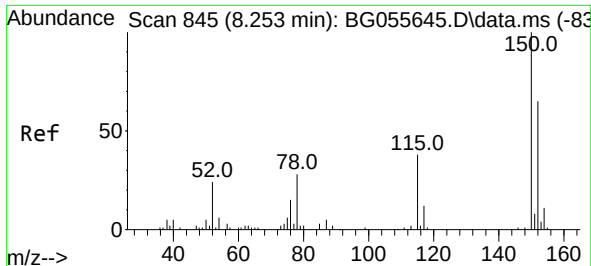
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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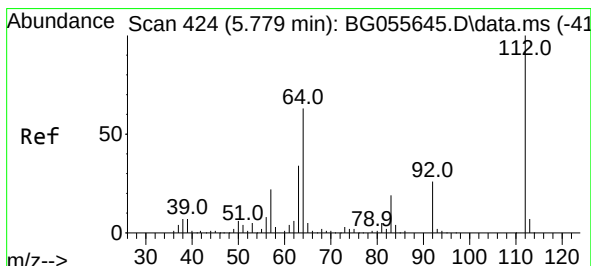
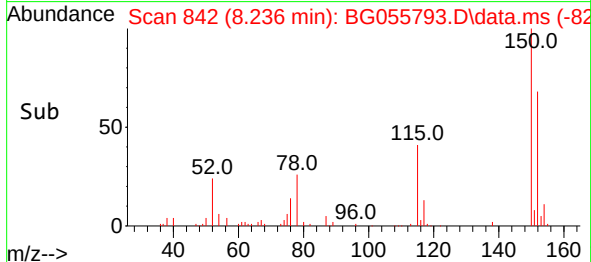
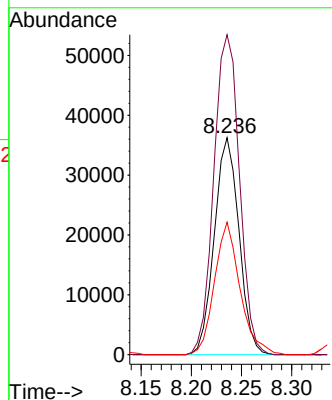
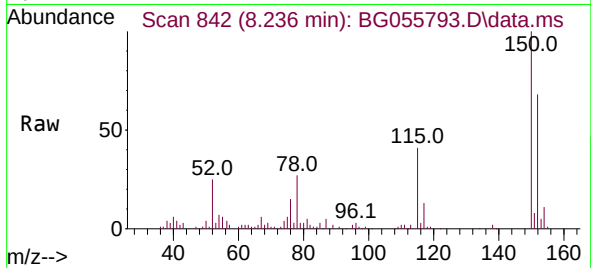




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.236 min Scan# 845
 Delta R.T. -0.000 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

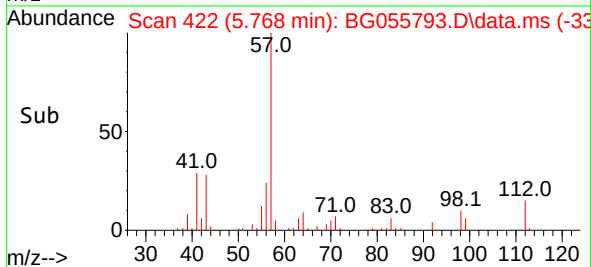
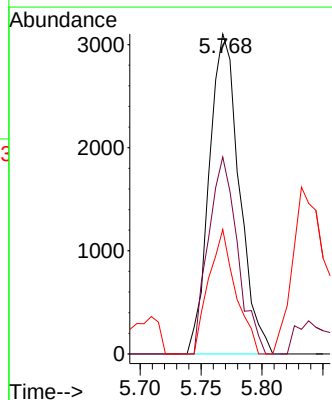
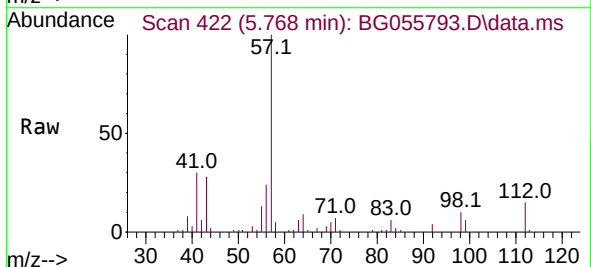
Instrument :
 BNA_G
 ClientSampleId :

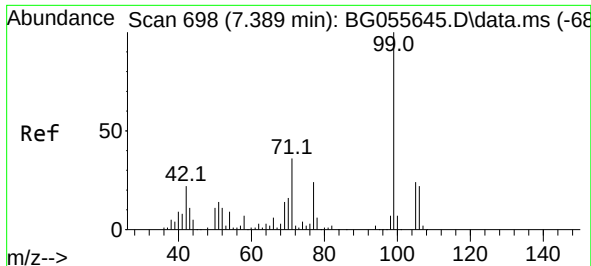
Tgt Ion:152 Resp: 61986
 Ion Ratio Lower Upper
 152 100
 150 147.5 123.0 184.6
 115 61.0 47.0 70.4



#5
 2-Fluorophenol
 Concen: 1.555 ng
 RT: 5.768 min Scan# 422
 Delta R.T. 0.000 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

Tgt Ion:112 Resp: 5334
 Ion Ratio Lower Upper
 112 100
 64 61.5 50.6 76.0
 63 38.9 27.5 41.3

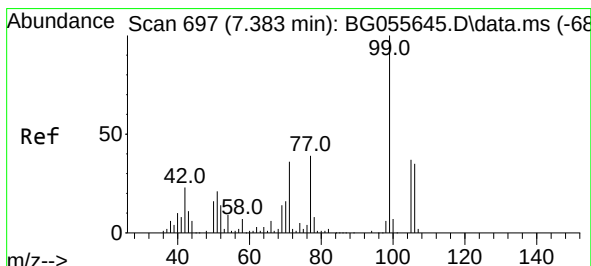
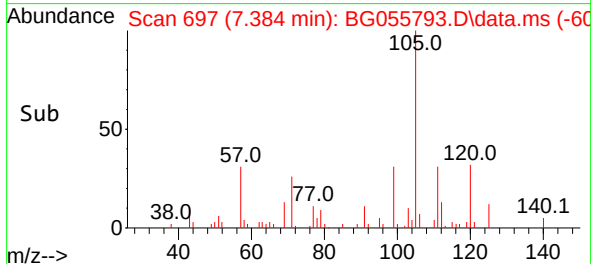
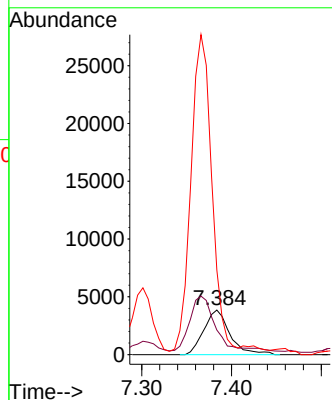
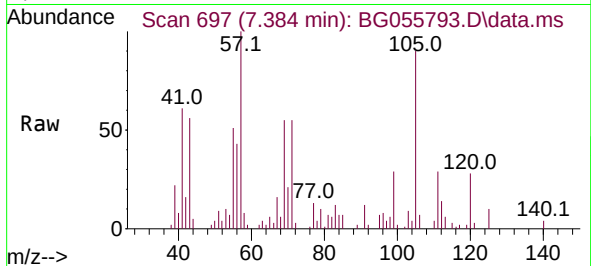




#7
Phenol-d6
Concen: 1.694 ng
RT: 7.384 min Scan# 691
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

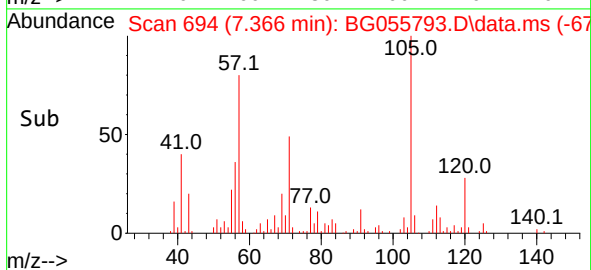
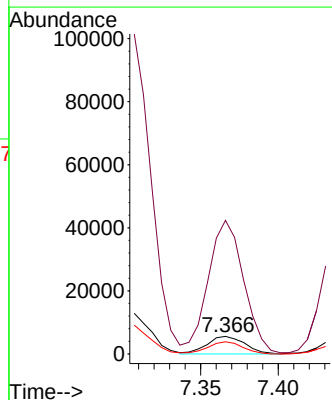
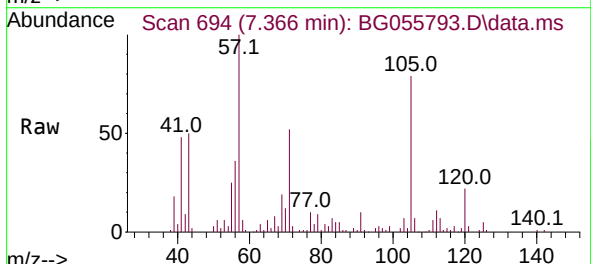
Instrument :
BNA_G
ClientSampleId :

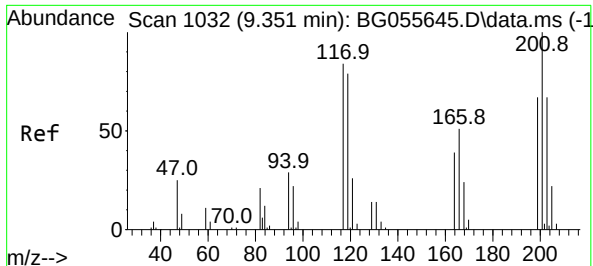
Tgt Ion: 99 Resp: 7734
Ion Ratio Lower Upper
99 100
42 55.1 18.0 27.0#
71 190.0 29.0 43.6#



#9
Benzaldehyde
Concen: 3.042 ng
RT: 7.366 min Scan# 694
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion: 77 Resp: 9430
Ion Ratio Lower Upper
77 100
105 760.1 76.3 116.3#
106 68.5 69.8 109.8#





#18

Hexachloroethane

Concen: 33.720 ng

RT: 9.352 min Scan# 1032

Delta R.T. 0.018 min

Lab File: BG055793.D

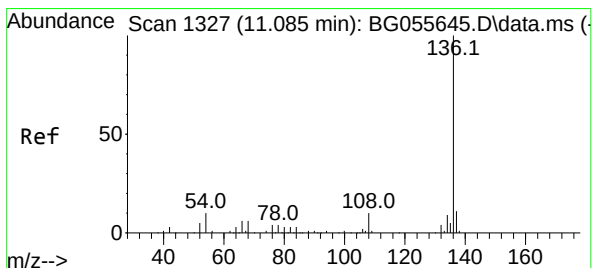
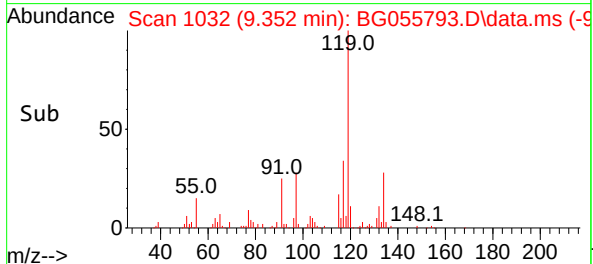
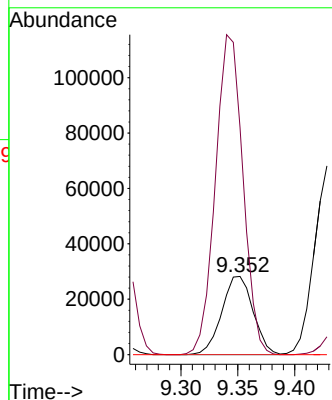
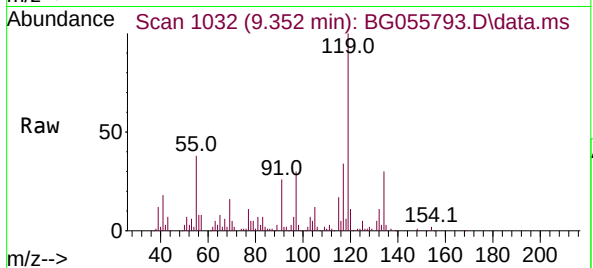
Acq: 25 Nov 2022 23:29

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:117 Resp: 54056
 Ion Ratio Lower Upper
 117 100
 119 290.1 76.0 114.0#
 201 0.0 98.6 148.0#



#21

Naphthalene-d8

Concen: 20.000 ng

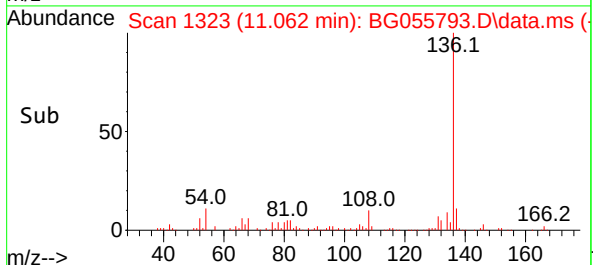
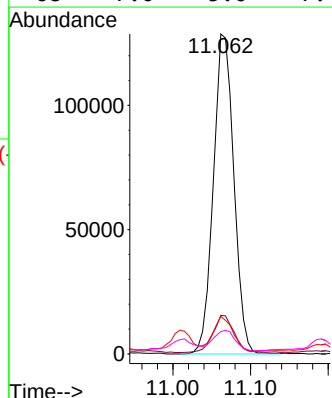
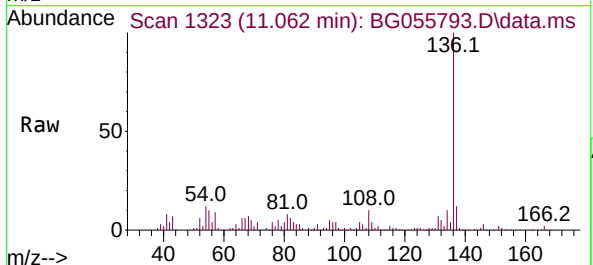
RT: 11.062 min Scan# 1323

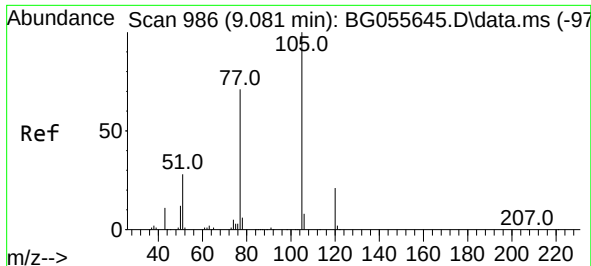
Delta R.T. -0.006 min

Lab File: BG055793.D

Acq: 25 Nov 2022 23:29

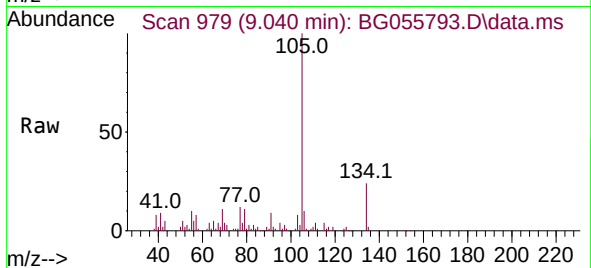
Tgt Ion:136 Resp: 236115
 Ion Ratio Lower Upper
 136 100
 137 12.0 9.0 13.6
 54 11.7 7.8 11.6#
 68 7.0 5.0 7.4



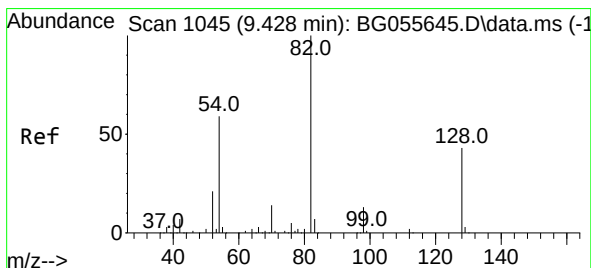
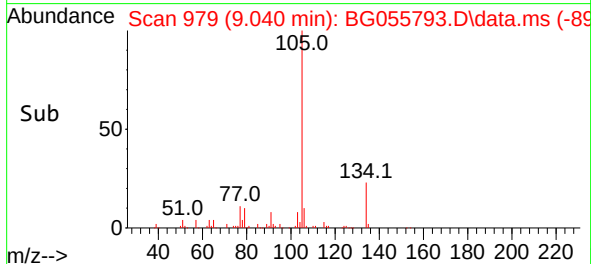
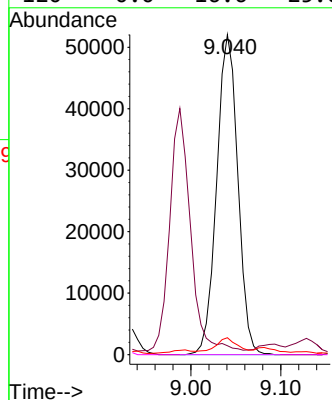


#22
Acetophenone
Concen: 13.899 ng
RT: 9.040 min Scan# 91
Delta R.T. -0.024 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Instrument :
BNA_G
ClientSampleId :

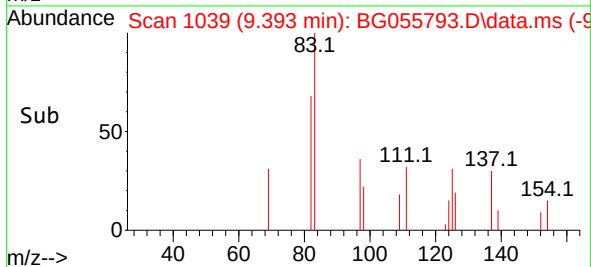
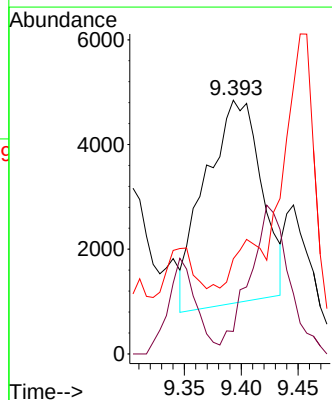
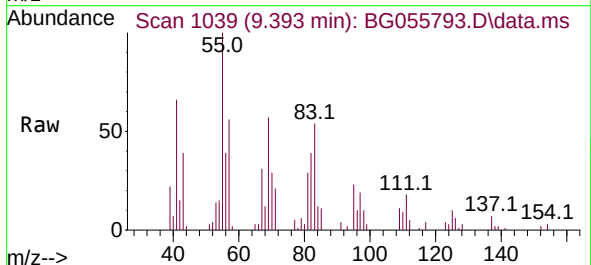


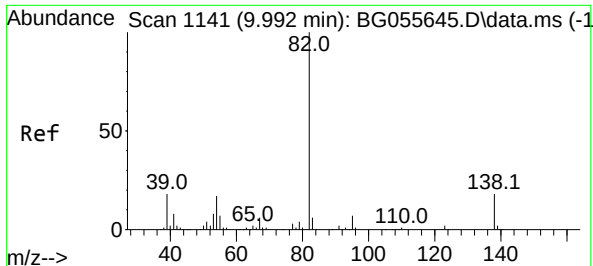
Tgt Ion:105 Resp: 85276
Ion Ratio Lower Upper
105 100
71 2.8 0.6 1.0#
51 5.3 24.5 36.7#
120 0.0 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 2.983 ng
RT: 9.393 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion: 82 Resp: 13326
Ion Ratio Lower Upper
82 100
128 8.9 34.1 51.1#
54 37.5 47.3 70.9#

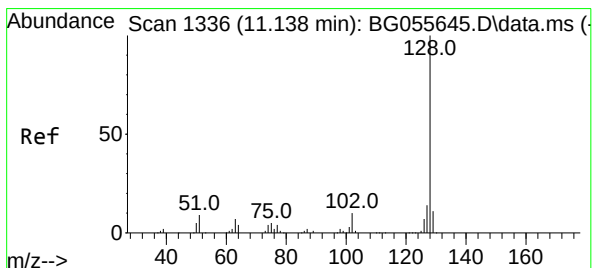
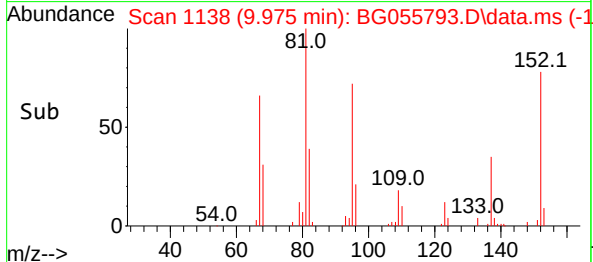
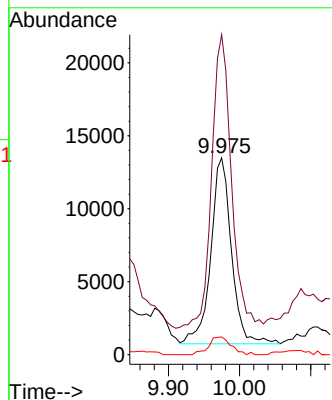
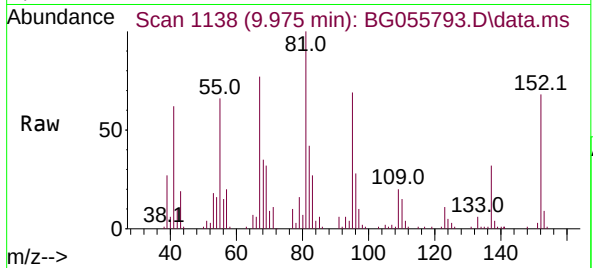




#25
Isophorone
Concen: 3.049 ng
RT: 9.975 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

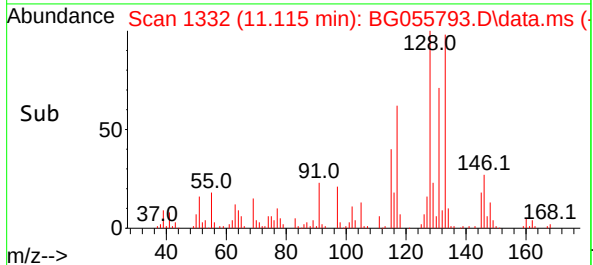
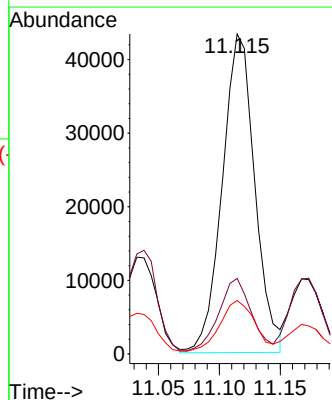
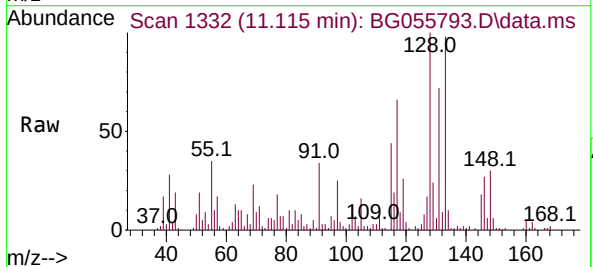
Instrument :
BNA_G
ClientSampleId :

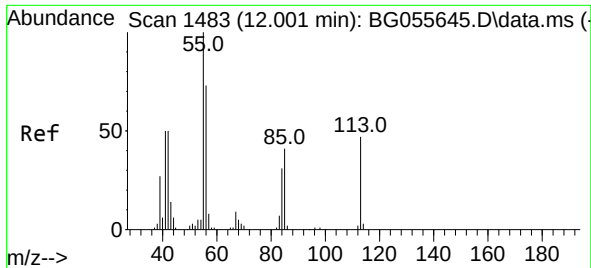
Tgt Ion: 82 Resp: 25804
Ion Ratio Lower Upper
82 100
95 162.6 5.5 8.3#
138 9.0 14.2 21.4#



#31
Naphthalene
Concen: 6.301 ng
RT: 11.115 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion:128 Resp: 80431
Ion Ratio Lower Upper
128 100
129 23.6 8.7 13.1#
127 16.7 10.9 16.3#

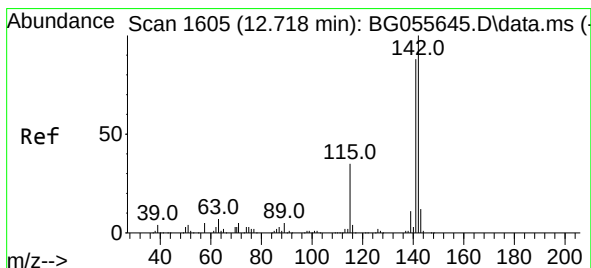
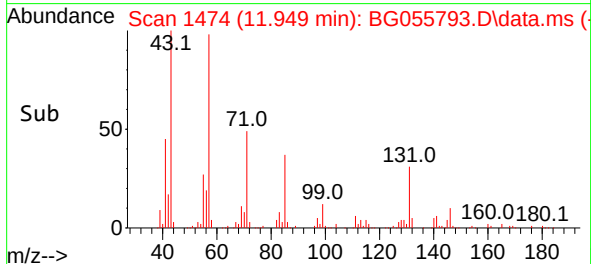
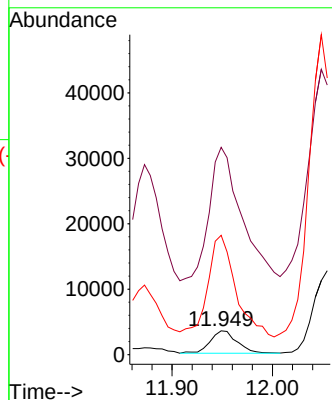
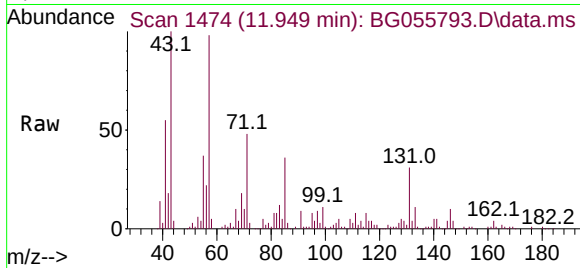




#35
Caprolactam
Concen: 4.704 ng
RT: 11.949 min Scan# 14
Delta R.T. -0.047 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

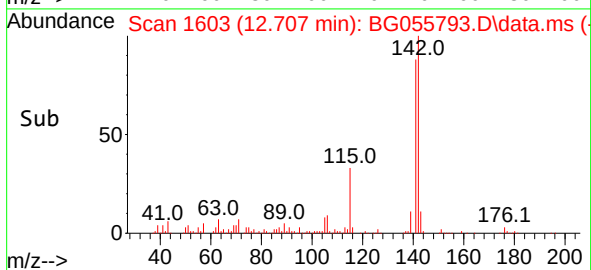
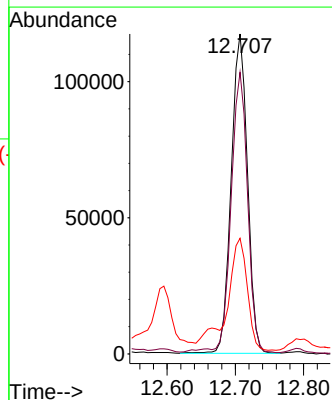
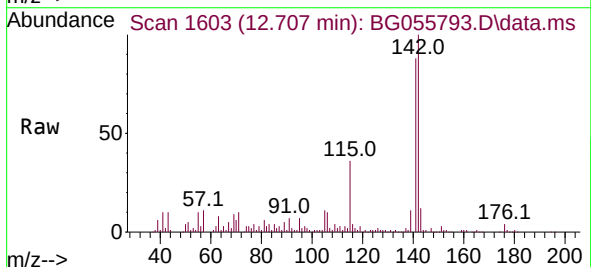
Instrument :
BNA_G
ClientSampleId :

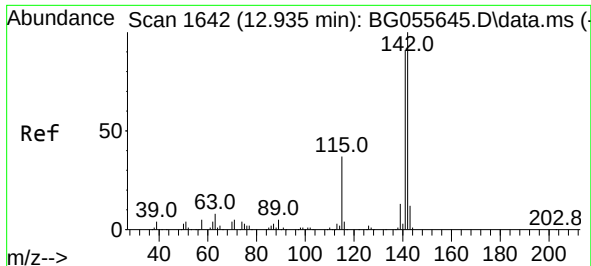
Tgt Ion:113 Resp: 6387
Ion Ratio Lower Upper
113 100
55 873.2 193.5 233.5#
56 502.9 135.2 175.2#



#37
2-Methylnaphthalene
Concen: 20.358 ng
RT: 12.707 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion:142 Resp: 194557
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5
115 36.1 27.9 41.9

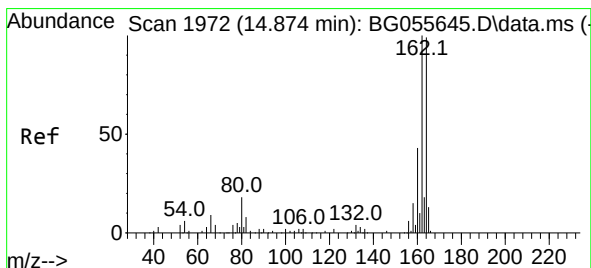
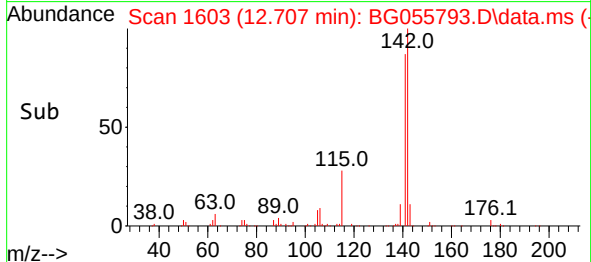
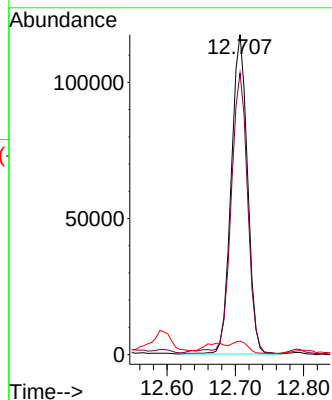
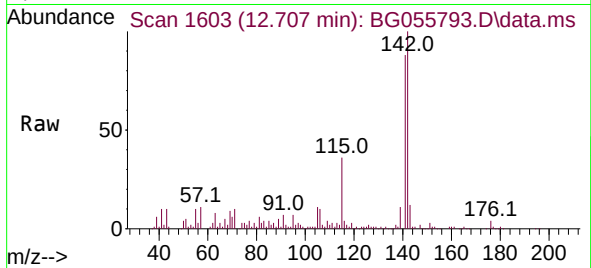




#38
1-Methylnaphthalene
Concen: 20.970 ng
RT: 12.707 min Scan# 10
Delta R.T. -0.217 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

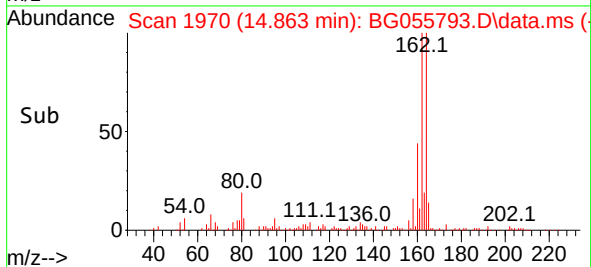
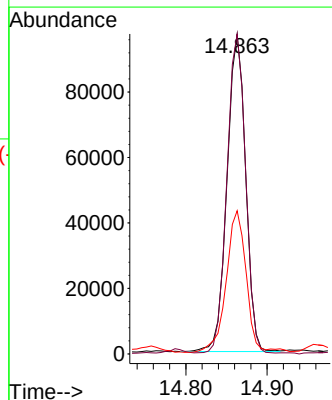
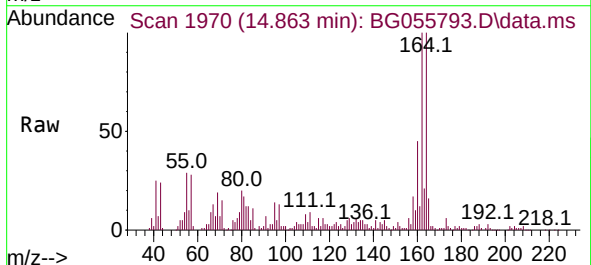
Instrument :
BNA_G
ClientSampleId :

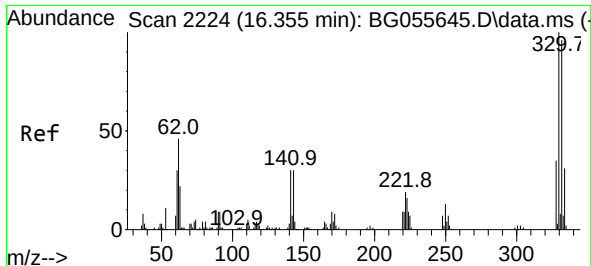
Tgt Ion:142 Resp: 194557
Ion Ratio Lower Upper
142 100
141 88.0 73.0 109.4
116 4.2 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.863 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

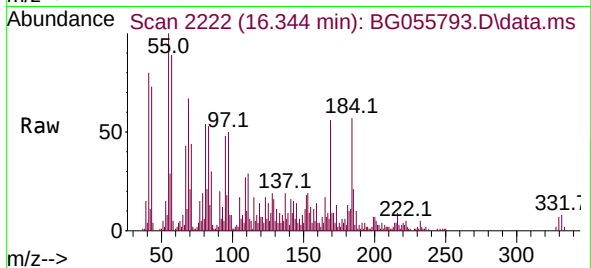
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Ion Ratio Lower Upper
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162 100.2 81.1 121.7
160 44.8 34.8 52.2



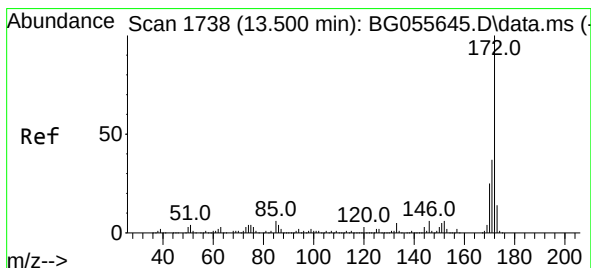
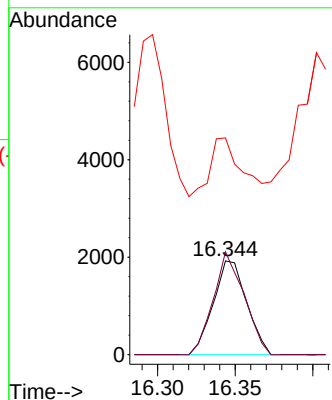
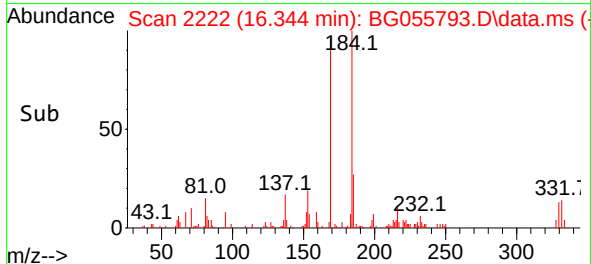


#42
 2,4,6-Tribromophenol
 Concen: 1.332 ng
 RT: 16.344 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

Instrument :
 BNA_G
 ClientSampleId :

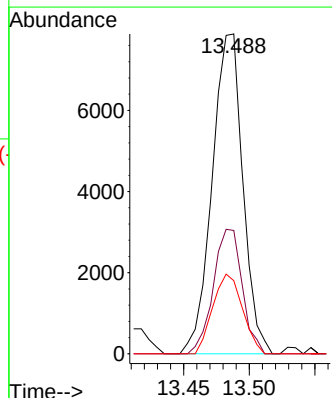
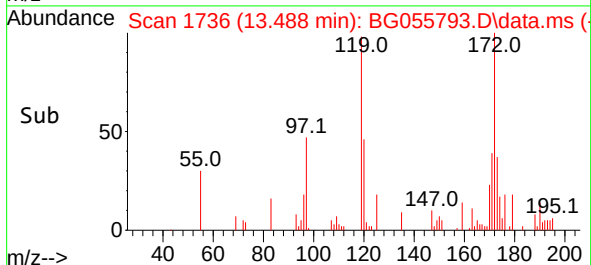
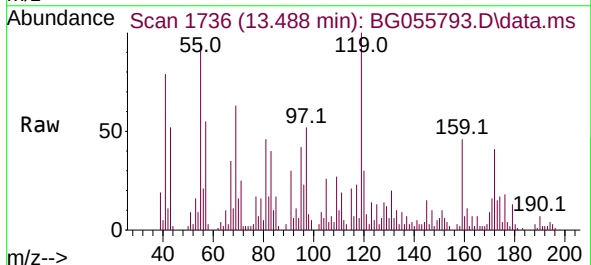


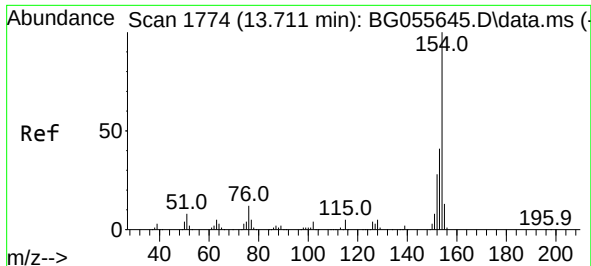
Tgt Ion:330 Resp: 2888
 Ion Ratio Lower Upper
 330 100
 332 101.2 77.8 116.8
 141 57.3 23.9 35.9#



#45
 2-Fluorobiphenyl
 Concen: 1.250 ng
 RT: 13.488 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

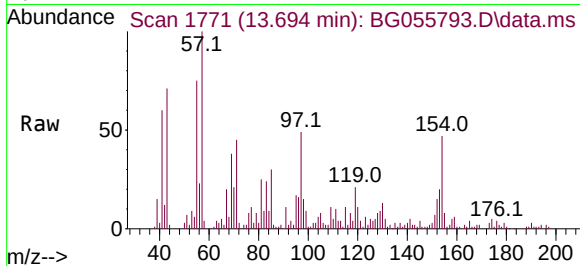
Tgt Ion:172 Resp: 12847
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.8 44.6
 170 22.9 20.2 30.4



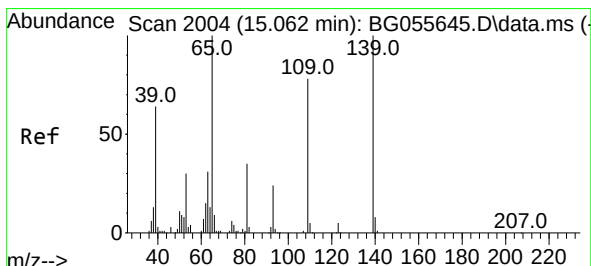
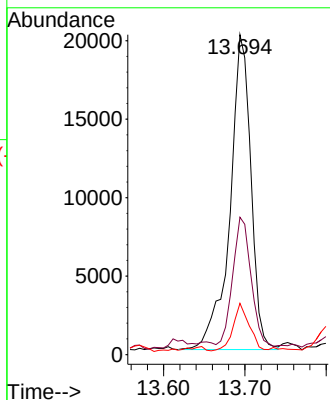
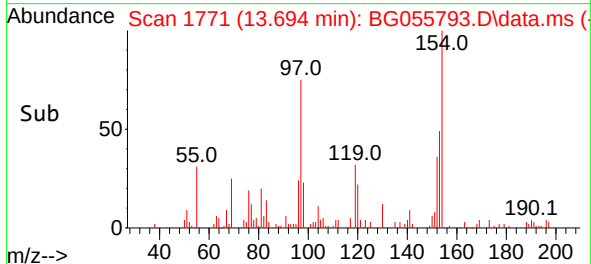


#46
1,1'-Biphenyl
Concen: 3.214 ng
RT: 13.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Instrument :
BNA_G
ClientSampleId :

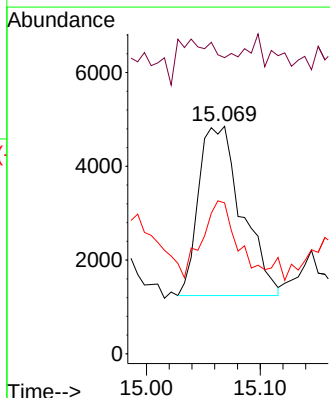
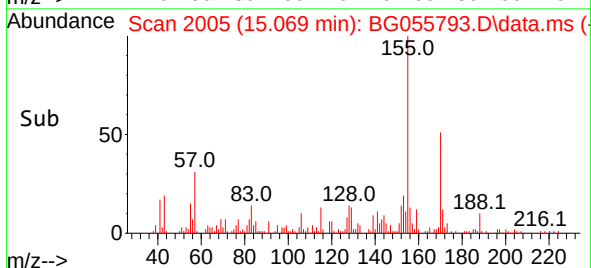
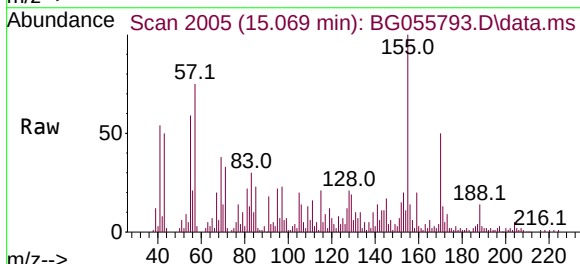


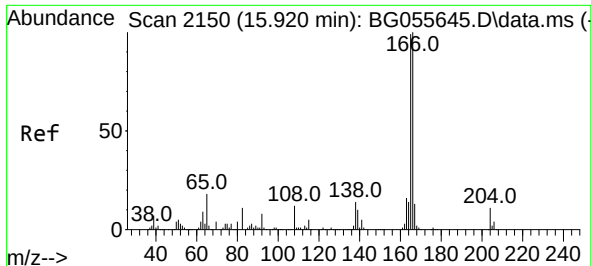
Tgt Ion:154 Resp: 36046
Ion Ratio Lower Upper
154 100
153 42.9 20.6 60.6
76 16.1 0.0 32.4



#56
4-Nitrophenol
Concen: 4.425 ng
RT: 15.069 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion:139 Resp: 9565
Ion Ratio Lower Upper
139 100
109 130.1 58.6 98.6#
65 66.3 80.5 120.5#

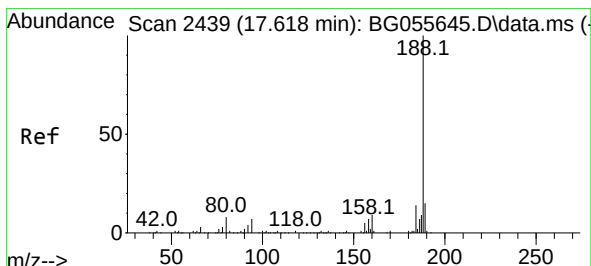
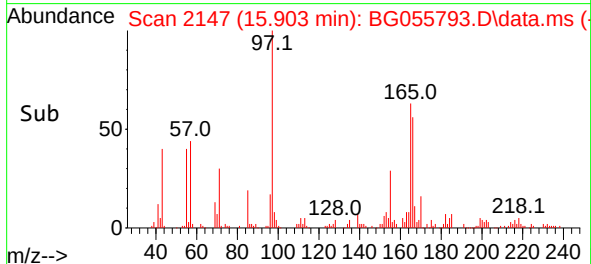
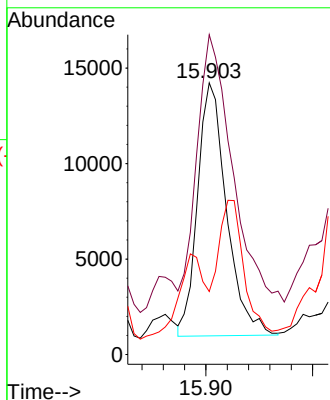
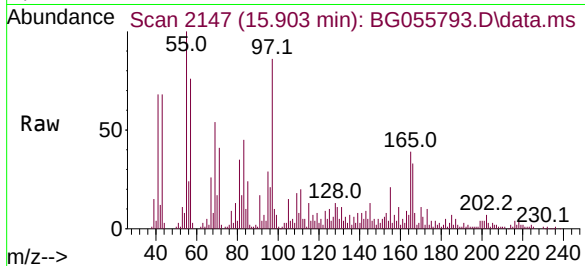




#58
Fluorene
Concen: 2.166 ng
RT: 15.903 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

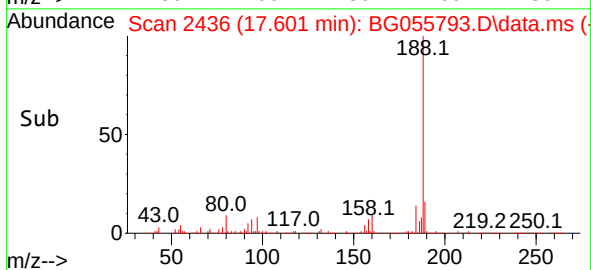
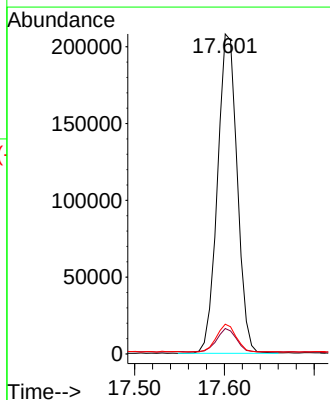
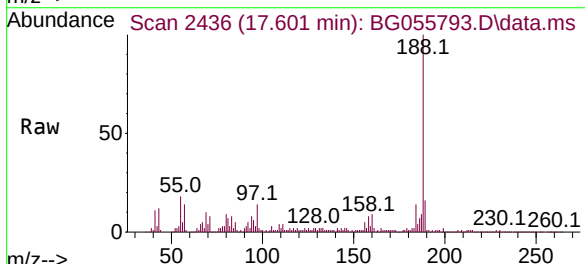
Instrument :
BNA_G
ClientSampleId :

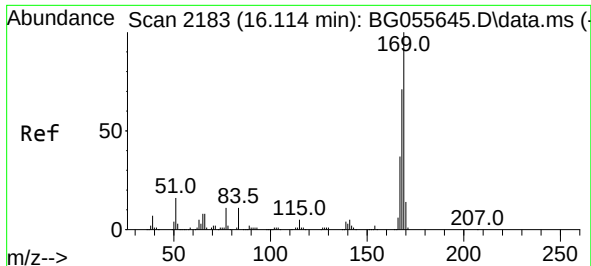
Tgt Ion:166 Resp: 25038
Ion Ratio Lower Upper
166 100
165 117.8 79.3 118.9
167 23.2 10.6 15.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion:188 Resp: 319313
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.2
80 9.3 6.6 10.0

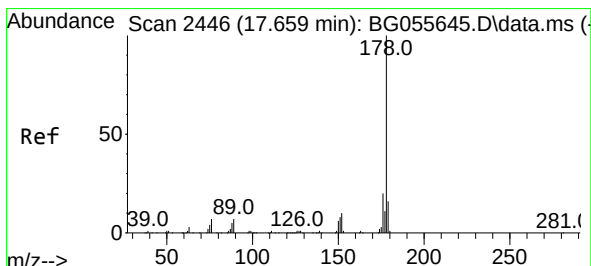
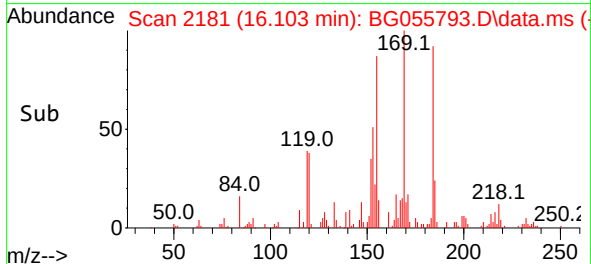
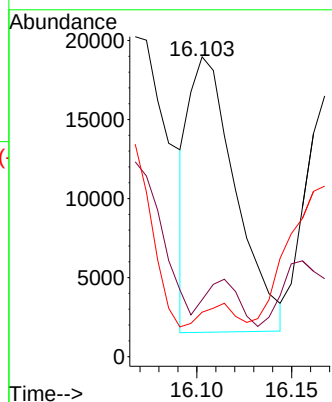
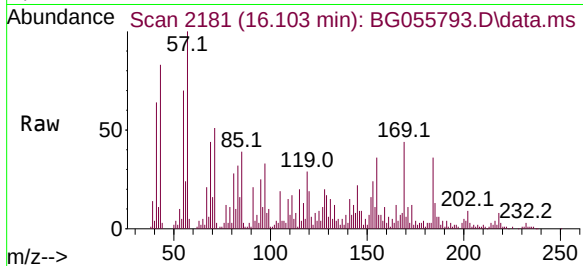




#66
n-Nitrosodiphenylamine
Concen: 3.398 ng
RT: 16.103 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

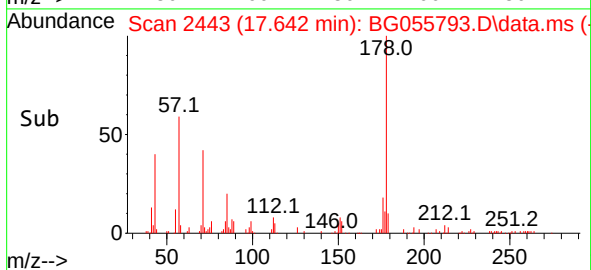
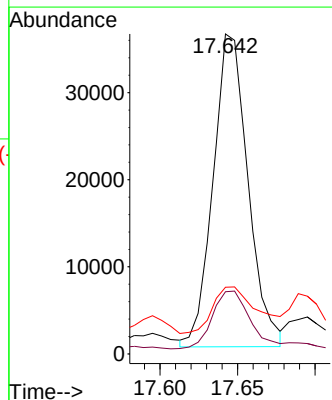
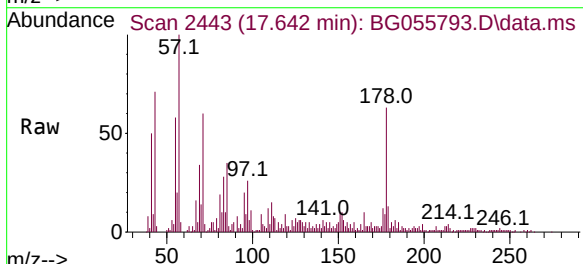
Instrument :
BNA_G
ClientSampleId :

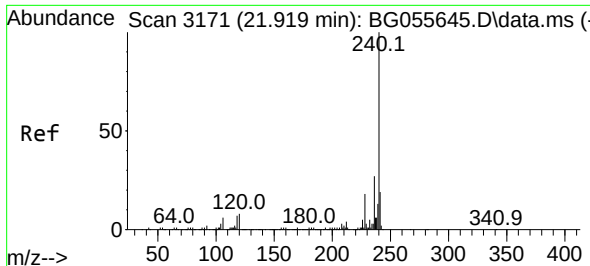
Tgt Ion:169 Resp: 29903
Ion Ratio Lower Upper
169 100
168 19.0 56.6 85.0#
167 14.8 29.9 44.9#



#71
Phenanthrene
Concen: 3.270 ng
RT: 17.642 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

Tgt Ion:178 Resp: 56355
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 20.8 12.7 19.1#

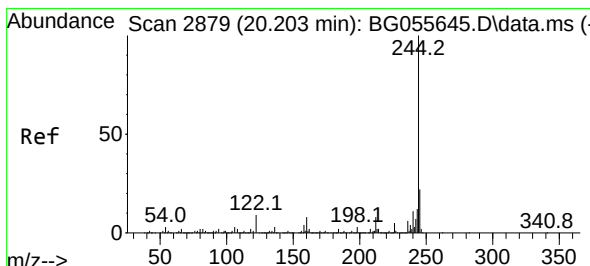
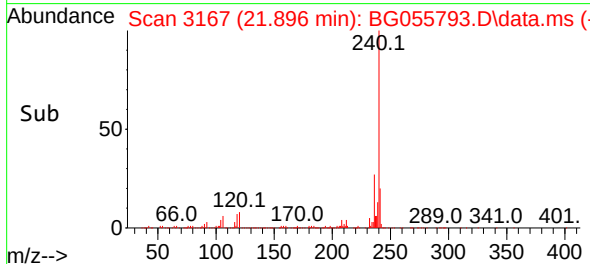
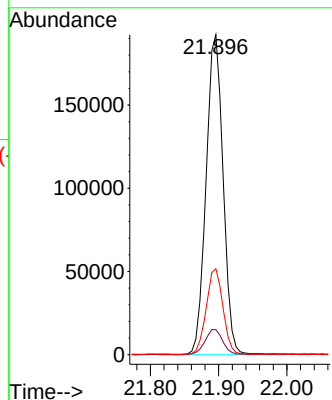
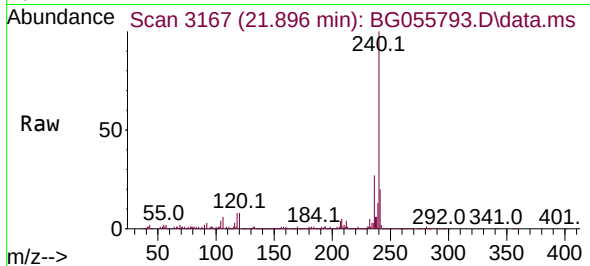




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3171
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

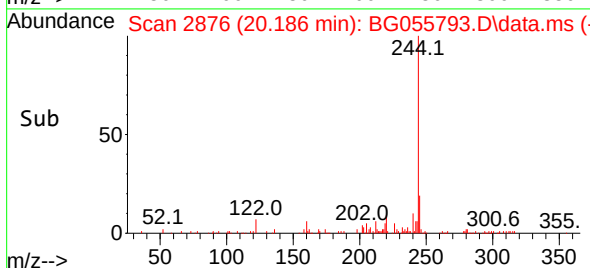
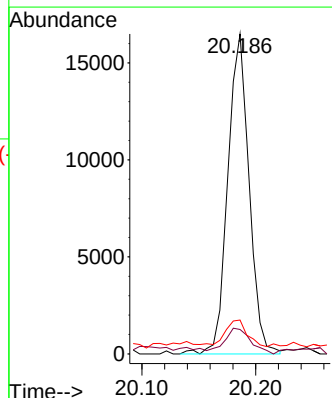
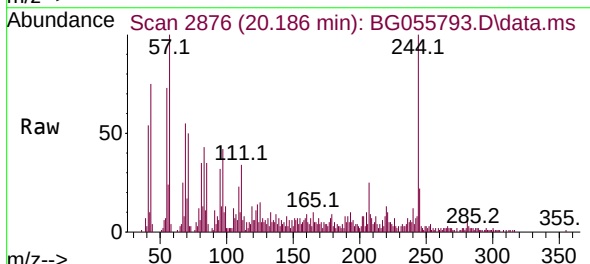
Instrument :
BNA_G
ClientSampleId :

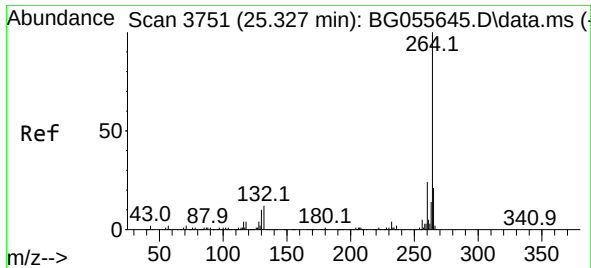
Tgt Ion:240 Resp: 332791
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.8 21.9 32.9



#79
Terphenyl-d14
Concen: 1.286 ng
RT: 20.186 min Scan# 2876
Delta R.T. -0.006 min
Lab File: BG055793.D
Acq: 25 Nov 2022 23:29

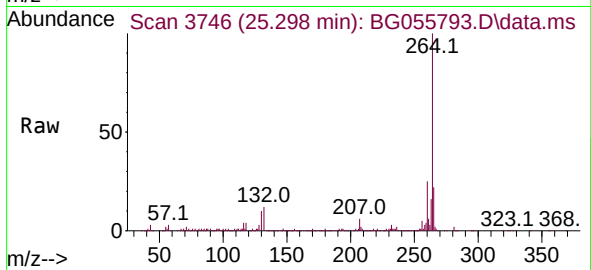
Tgt Ion:244 Resp: 21396
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 10.6 6.9 10.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.298 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055793.D
 Acq: 25 Nov 2022 23:29

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 360358

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.1	25.7

