

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053882.D
 Acq On : 10 Jun 2022 19:36
 Operator : CG/JU
 Sample : N3299-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-18

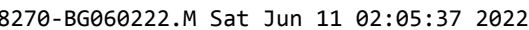
Quant Time: Jun 11 02:05:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

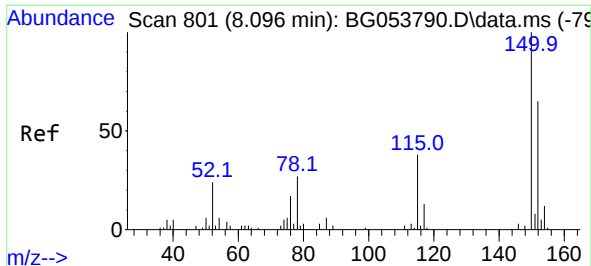
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	17630	20.00	ng	0.00
21) Naphthalene-d8	10.896	136	67272	20.00	ng	# 0.00
39) Acenaphthene-d10	14.710	164	50195	20.00	ng	0.00
64) Phenanthrene-d10	17.453	188	145086	20.00	ng	# 0.00
76) Chrysene-d12	21.731	240	183798	20.00	ng	0.00
86) Perylene-d12	24.998	264	184401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	7.236	99	4249	3.27	ng	0.00
23) Nitrobenzene-d5	9.245	82	94749	92.49	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.335	172	270462	80.61	ng	0.00
79) Terphenyl-d14	20.062	244	735701	79.63	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.245	70	12659	13.74	ng	# 80
24) Nitrobenzene	9.240	77	66	3.03	ng	# 48
25) Isophorone	9.809	82	9801	4.27	ng	# 95
48) 2-Nitroaniline	13.335	65	174	5.26	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	6848	13.55	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	6848	11.32	ng	# 21
77) Benzidine	20.062	184	9279	2.06	ng	# 93

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

Quant Time: Jun 11 02:05:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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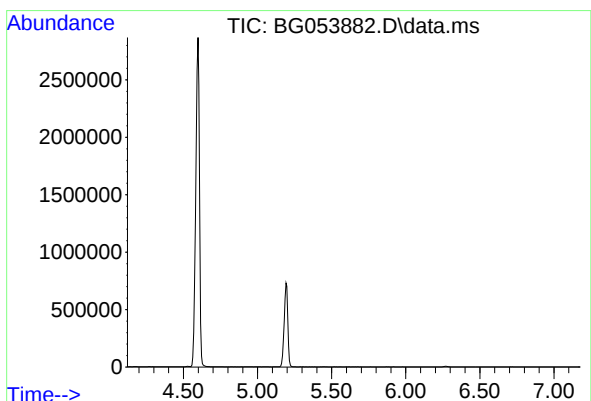
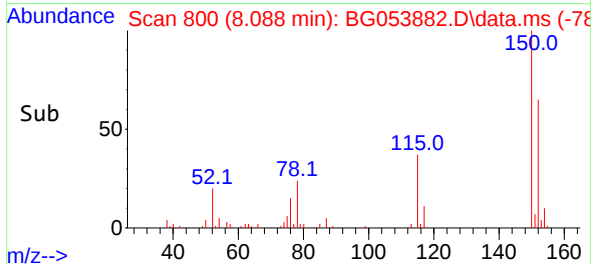
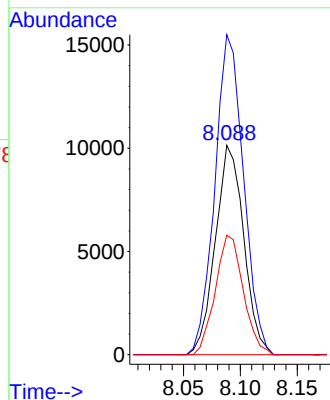
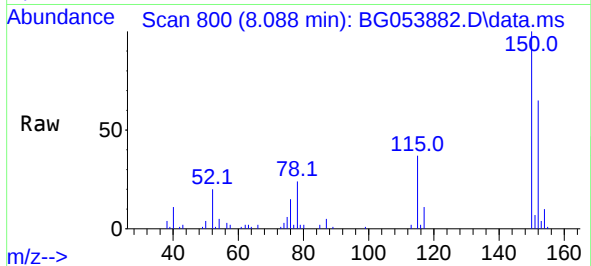




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053882.D
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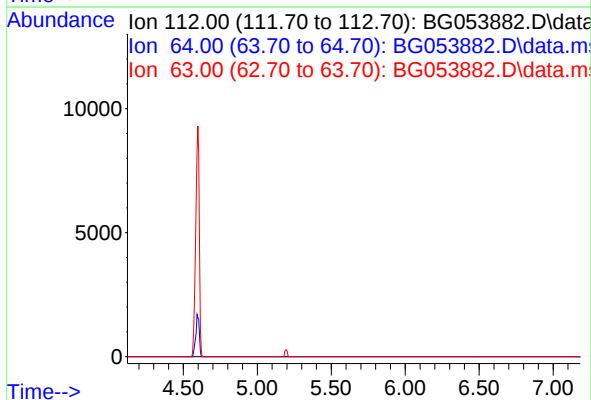
Tgt Ion:152 Resp: 17630
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 57.1 50.9 76.3

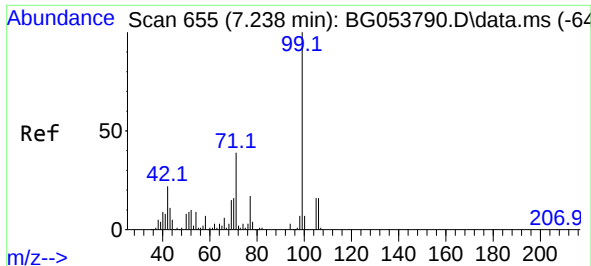


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.65 min

Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Tgt Ion: 112
Sig Exp Ratio
112 100
64 68.9
63 38.0

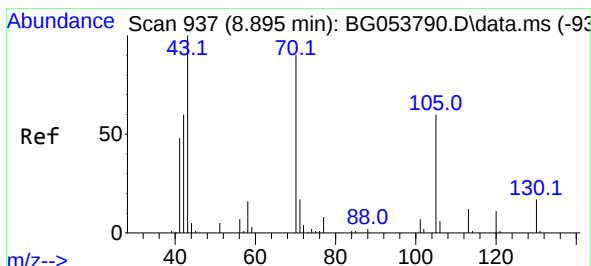
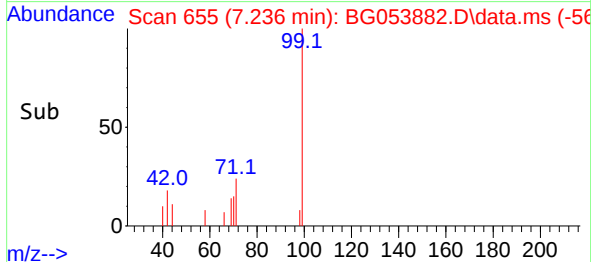
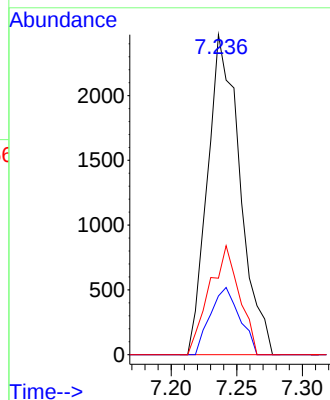
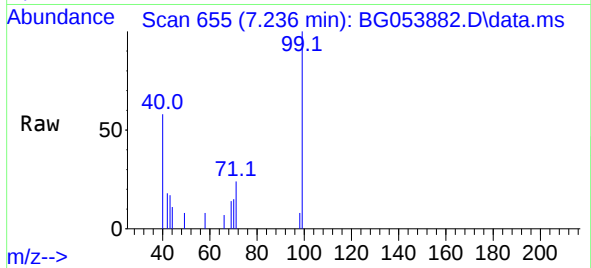




#7
Phenol-d6
Concen: 3.27 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

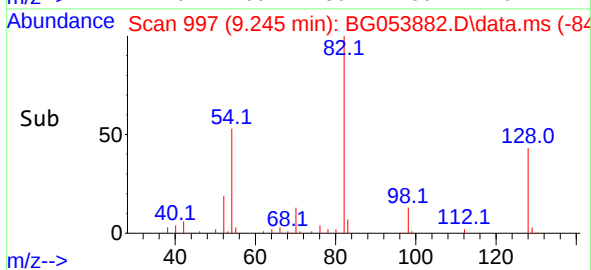
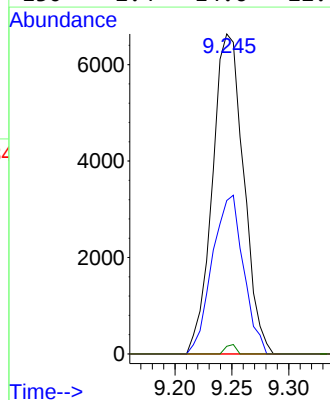
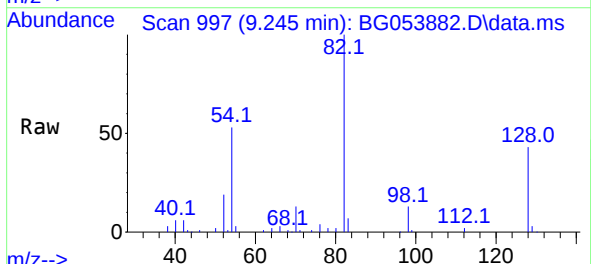
Instrument :
BNA_G
ClientSampleId :
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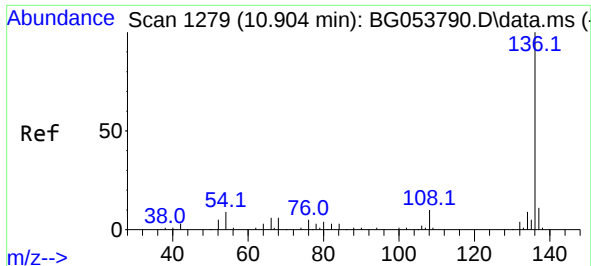
Tgt Ion: 99 Resp: 4249
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 23.9 33.8 50.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.74 ng
RT: 9.245 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Tgt Ion: 70 Resp: 12659
Ion Ratio Lower Upper
70 100
42 48.0 47.3 70.9
101 0.0 7.0 10.4#
130 2.4 14.6 22.0#

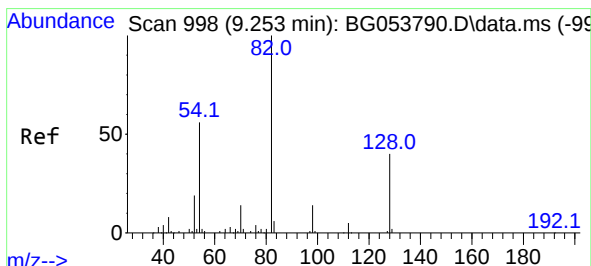
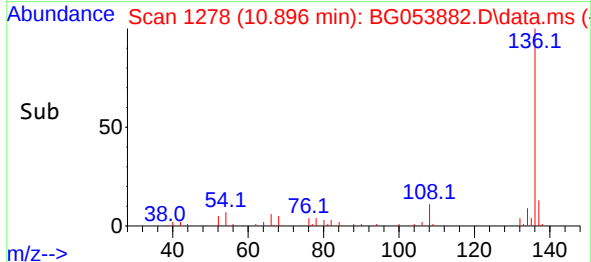
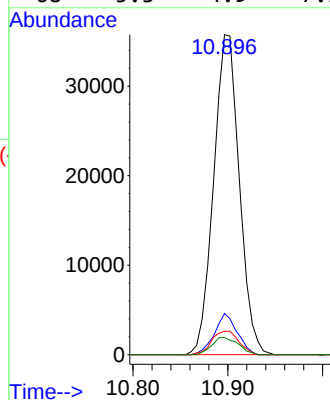
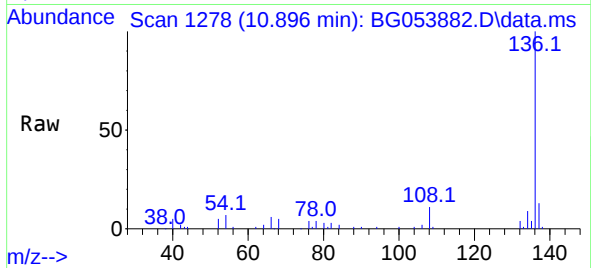




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.896 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

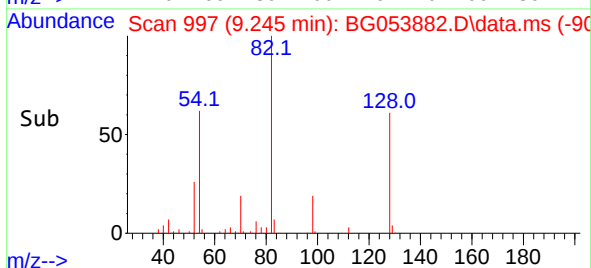
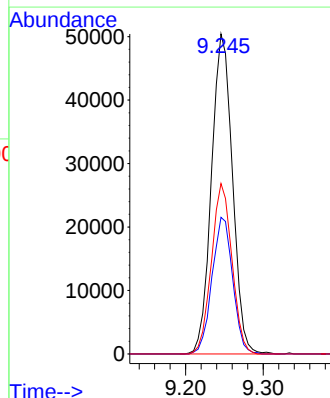
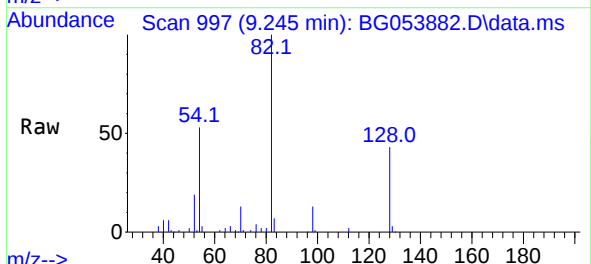
Instrument :
BNA_G
ClientSampleId :
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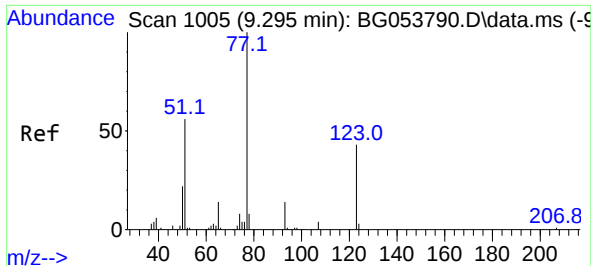
Tgt Ion:	136	Resp:	67272
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.5	12.7#
54	7.3	7.4	11.2#
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 92.49 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Tgt Ion:	82	Resp:	94749
Ion Ratio	Lower	Upper	
82	100		
128	42.7	27.9	41.9#
54	53.2	41.2	61.8

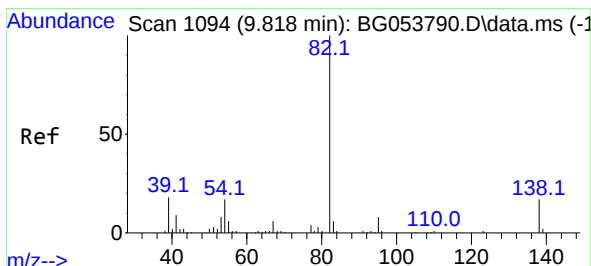
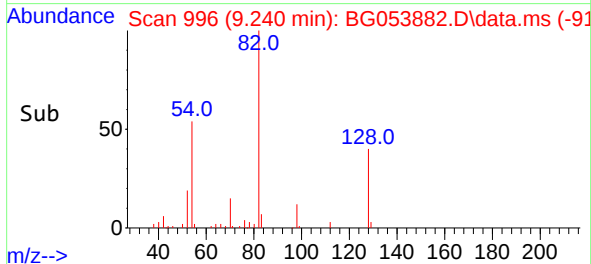
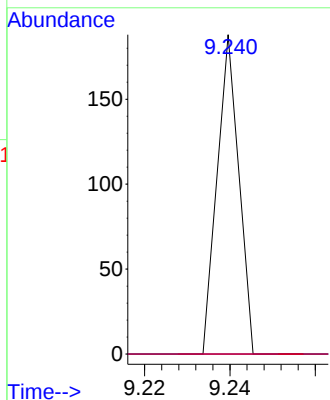
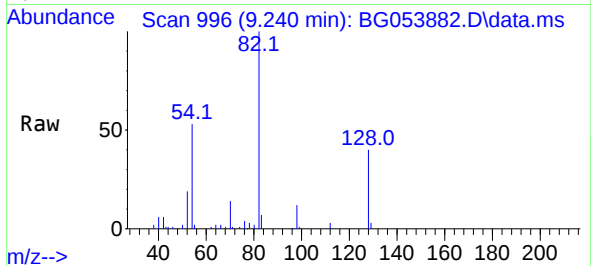




#24
Nitrobenzene
Concen: 3.03 ng
RT: 9.240 min Scan# 91
Delta R.T. -0.055 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

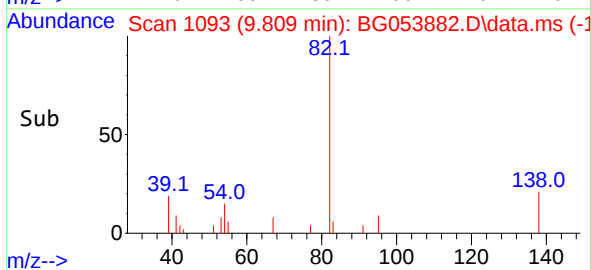
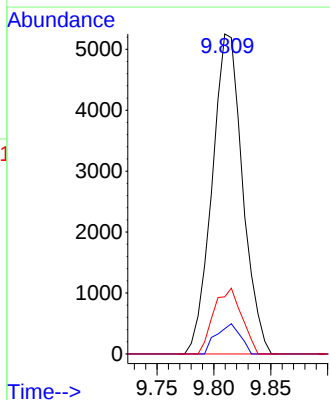
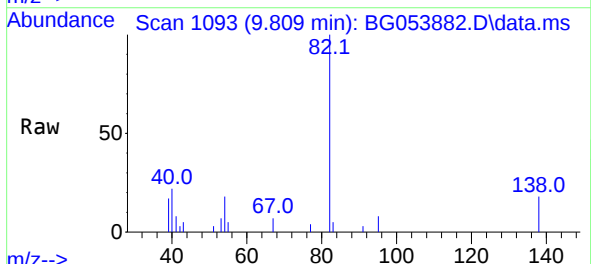
Instrument :
BNA_G
ClientSampleId :
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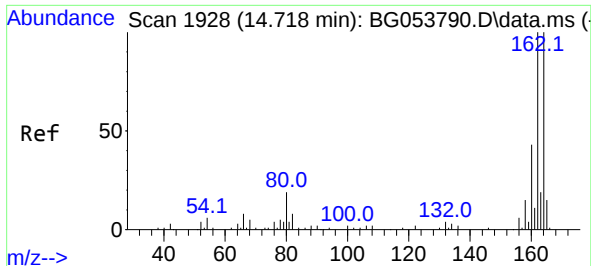
Tgt Ion: 77 Resp: 66
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#25
Isophorone
Concen: 4.27 ng
RT: 9.809 min Scan# 1093
Delta R.T. -0.008 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

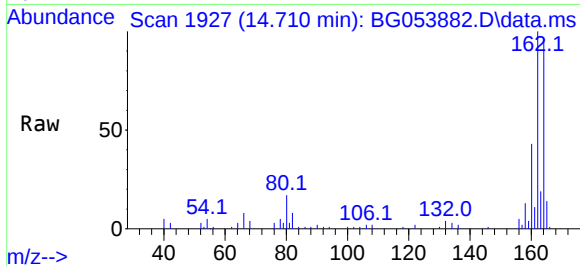
Tgt Ion: 82 Resp: 9801
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 17.8 11.6 17.4#



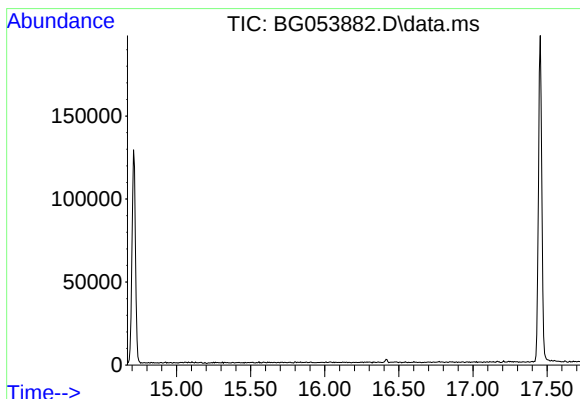
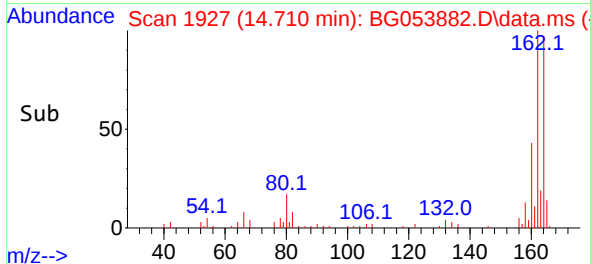
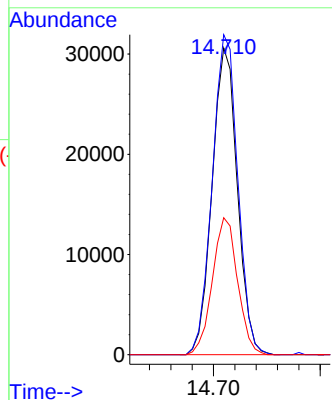


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.710 min Scan# 14
 Delta R.T. -0.008 min
 Lab File: BG053882.D
 Acq: 10 Jun 2022 19:36

Instrument :
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 ClientSampleId :
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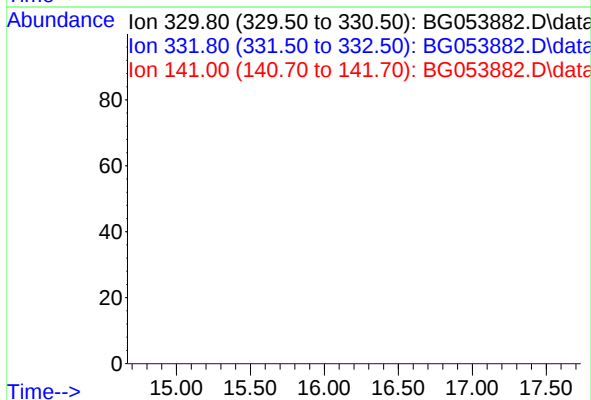
Tgt Ion:164 Resp: 50195
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.3 123.5
 160 44.6 34.2 51.2

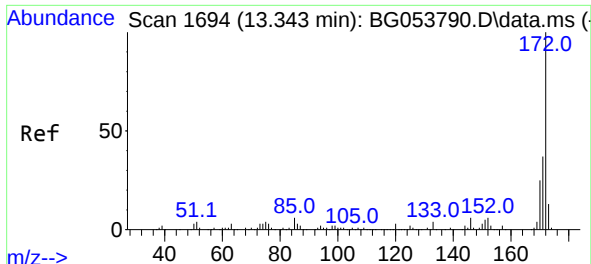


#42
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.20 min

Lab File: BG053882.D
 Acq: 10 Jun 2022 19:36

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 95.0
 141 33.9

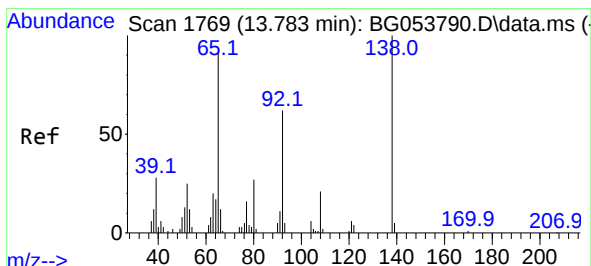
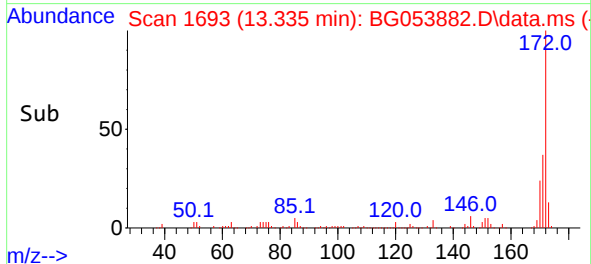
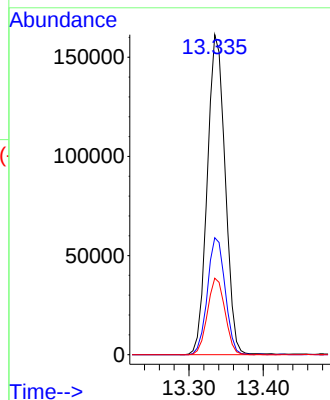
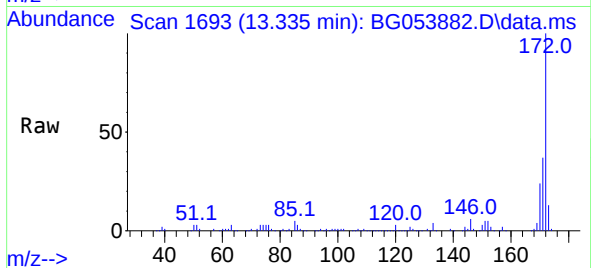




#45
2-Fluorobiphenyl
Concen: 80.61 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.008 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

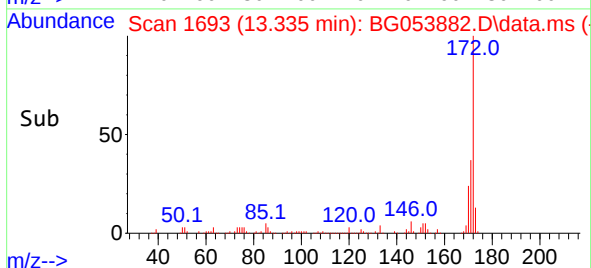
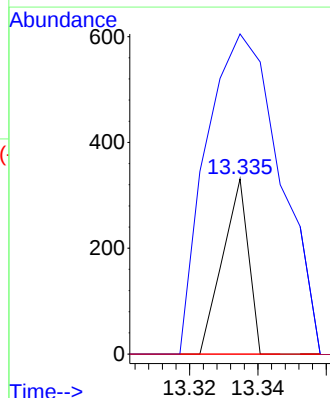
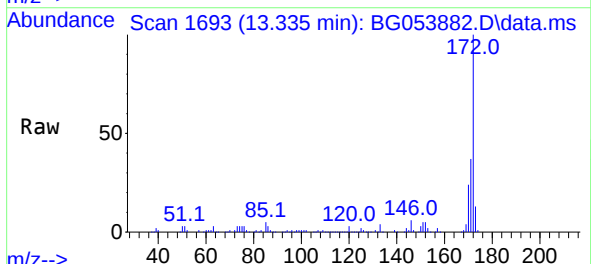
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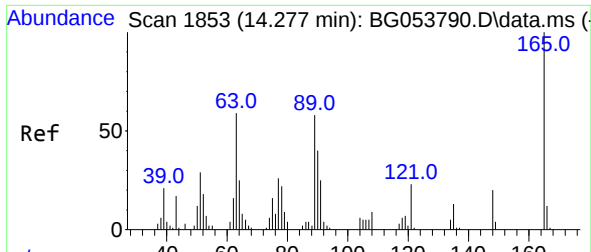
Tgt Ion:172 Resp: 270462
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.9 18.9 28.3



#48
2-Nitroaniline
Concen: 5.26 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.448 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Tgt Ion: 65 Resp: 174
Ion Ratio Lower Upper
65 100
92 182.8 51.5 77.3#
138 0.0 71.3 106.9#





#51

2,6-Dinitrotoluene

Concen: 13.55 ng

RT: 14.710 min Scan# 1927

Delta R.T. 0.433 min

Lab File: BG053882.D

Acq: 10 Jun 2022 19:36

Instrument :

BNA_G

ClientSampleId :

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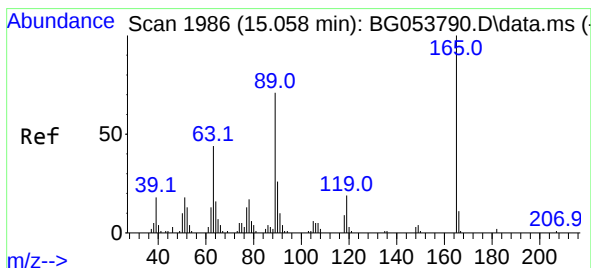
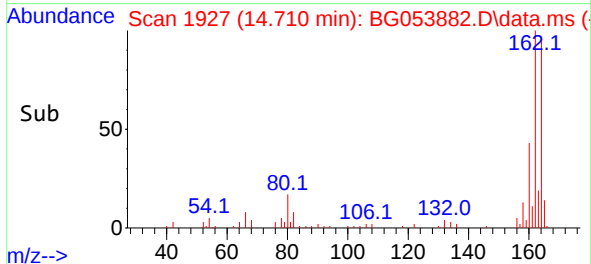
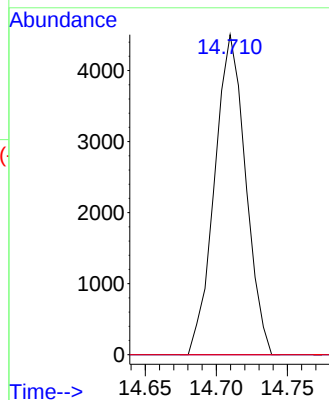
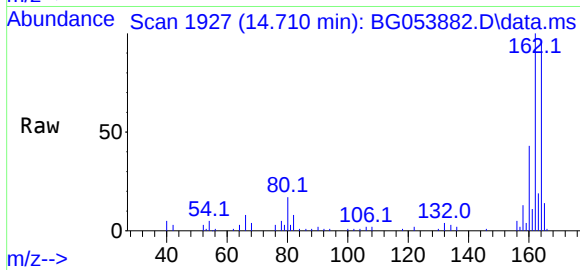
Tgt Ion:165 Resp: 6848

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: 11.32 ng

RT: 14.710 min Scan# 1927

Delta R.T. -0.348 min

Lab File: BG053882.D

Acq: 10 Jun 2022 19:36

Tgt Ion:165 Resp: 6848

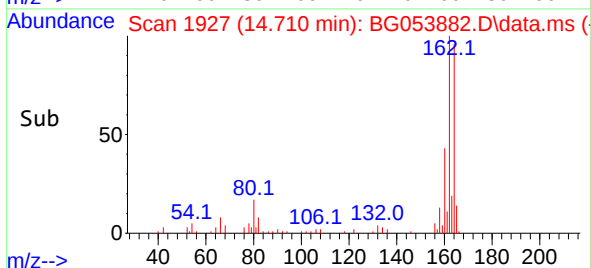
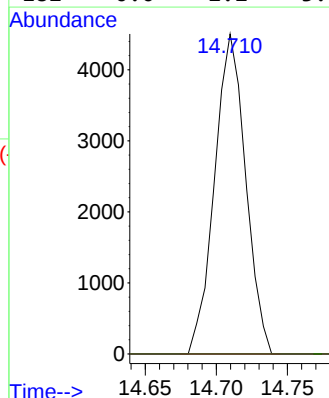
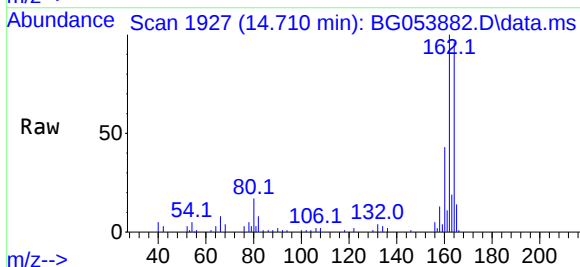
Ion Ratio Lower Upper

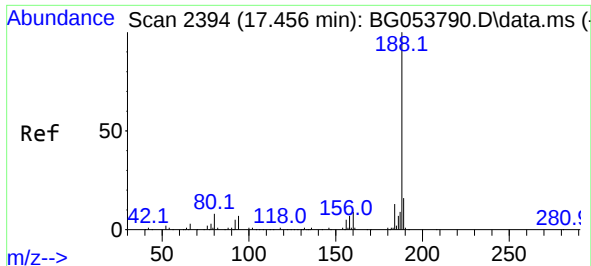
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

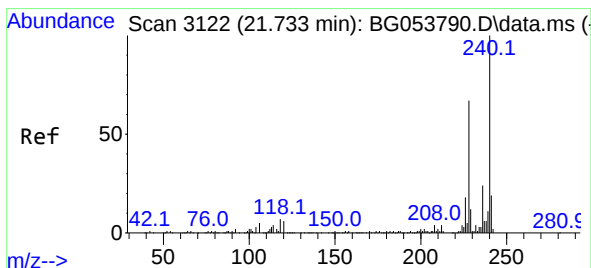
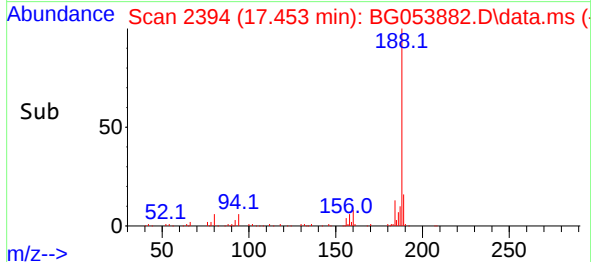
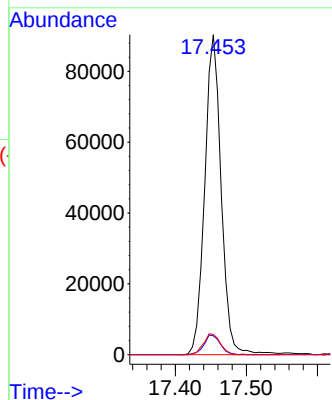
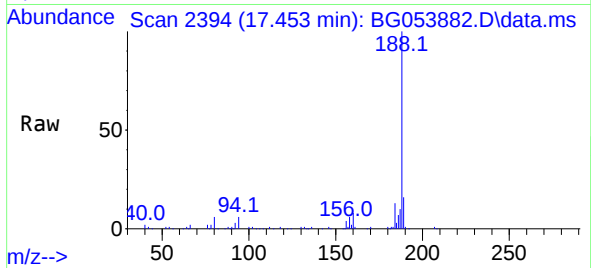




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

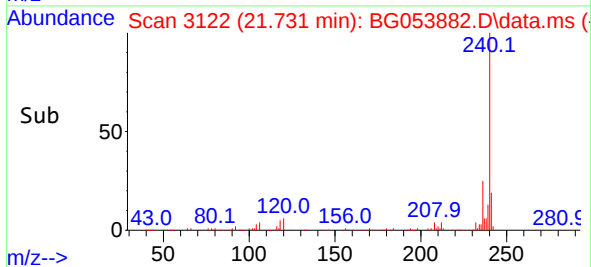
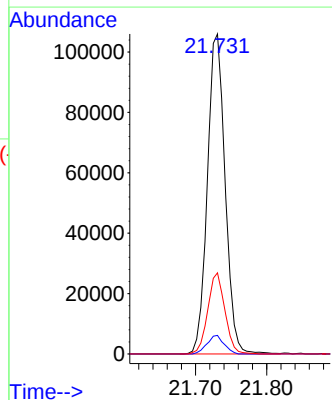
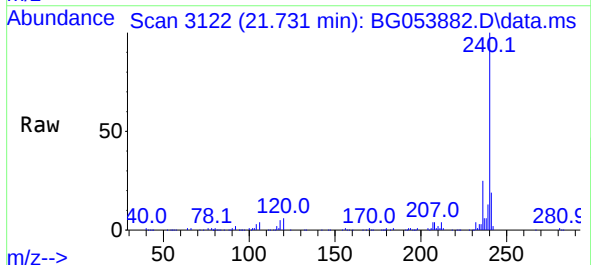
Instrument :
BNA_G
ClientSampleId :
SC-18

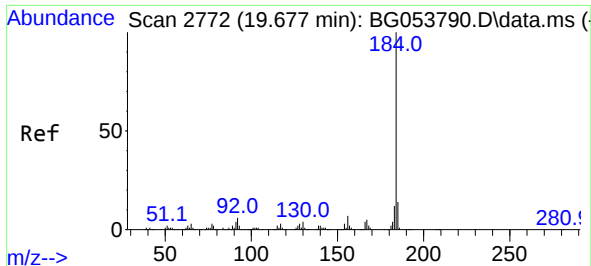
Tgt Ion:188 Resp: 145086
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 6.3 6.8 10.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Tgt Ion:240 Resp: 183798
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.4 20.2 30.4

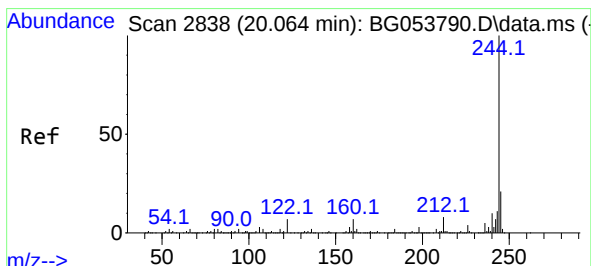
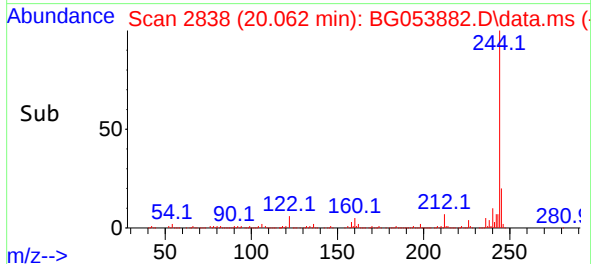
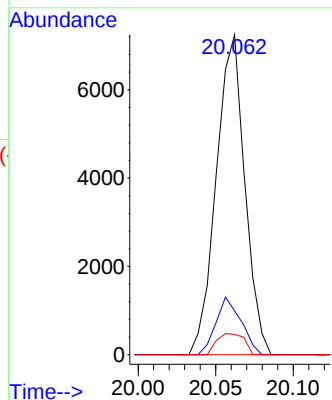
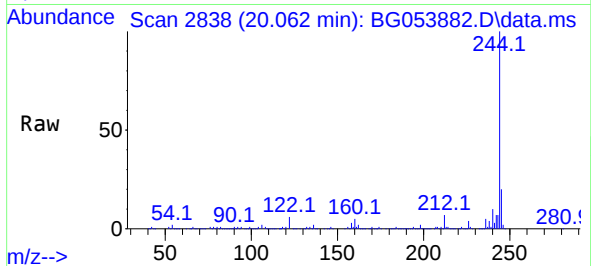




#77
Benzidine
Concen: 2.06 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.386 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

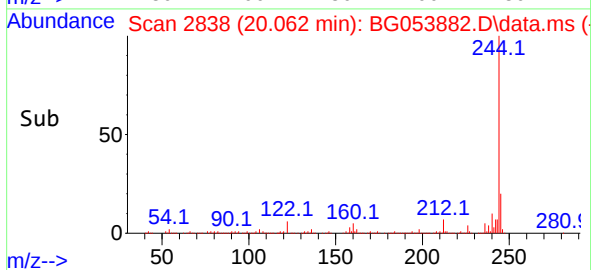
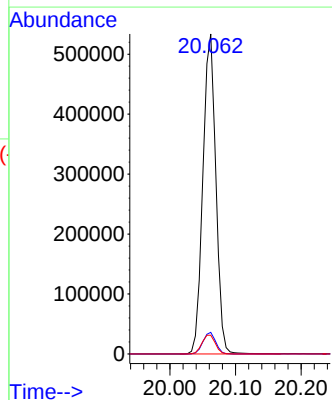
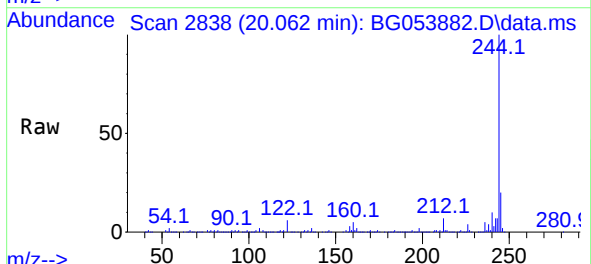
Instrument :
BNA_G
ClientSampleId :
SC-18

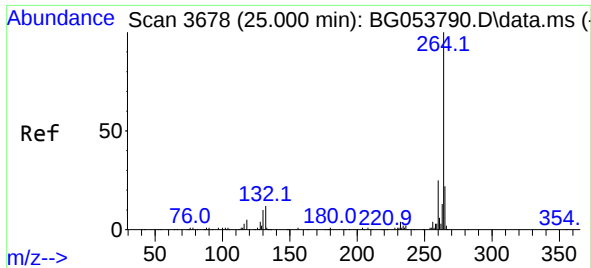
Tgt Ion:184 Resp: 9279
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 6.3 8.9 13.3#



#79
Terphenyl-d14
Concen: 79.63 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Tgt Ion:244 Resp: 735701
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.998 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG053882.D
Acq: 10 Jun 2022 19:36

Instrument :
BNA_G
ClientSampleId :
SC-18

Tgt Ion:264 Resp: 184401
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.6
265 22.1 17.4 26.2

