

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053880.D
 Acq On : 10 Jun 2022 18:17
 Operator : CG/JU
 Sample : N3299-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-17

Quant Time: Jun 11 02:04:46 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)

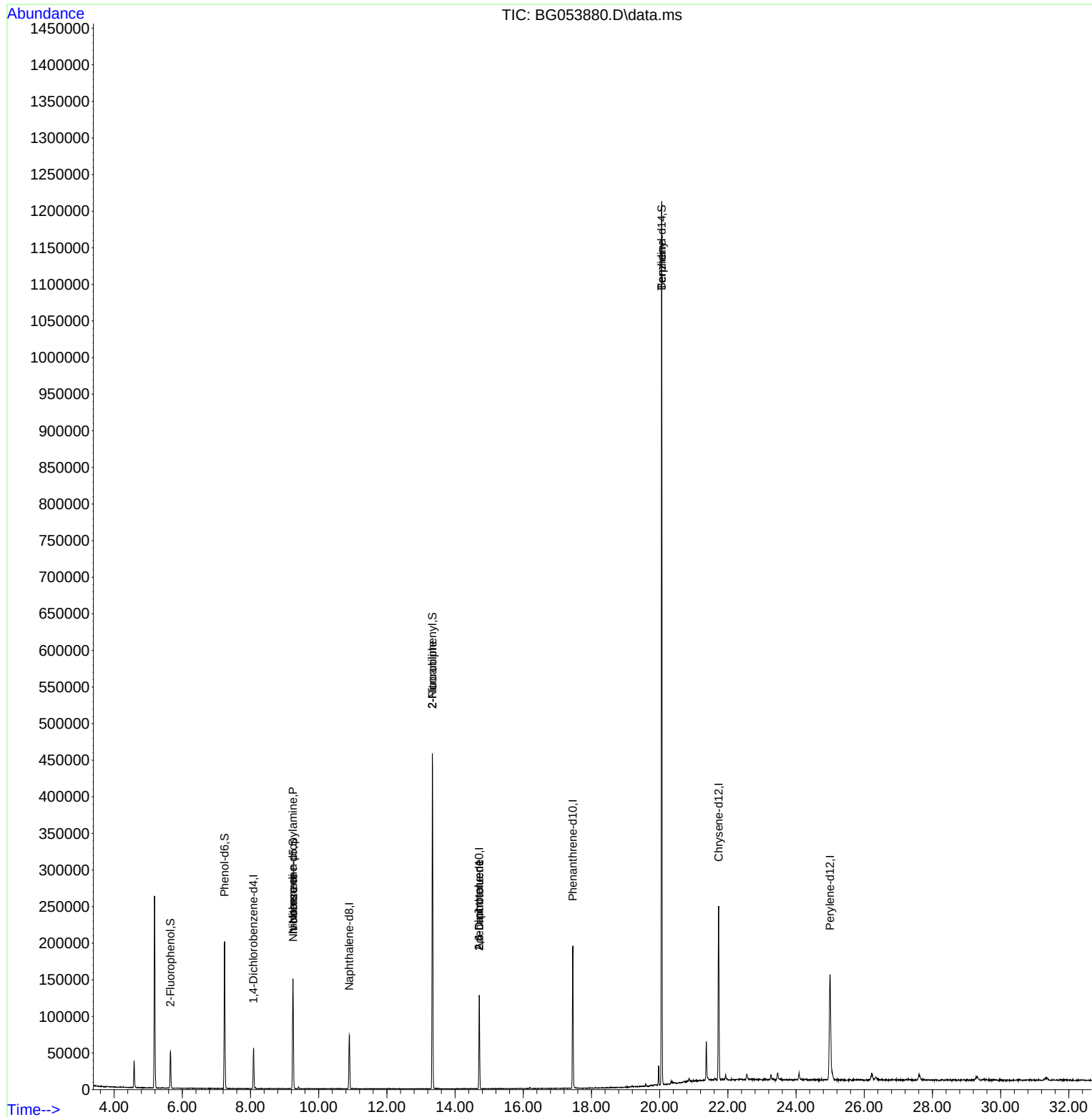
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	17886	20.00	ng	0.00
21) Naphthalene-d8	10.897	136	71144	20.00	ng	0.00
39) Acenaphthene-d10	14.710	164	52217	20.00	ng	0.00
64) Phenanthrene-d10	17.454	188	143525	20.00	ng	# 0.00
76) Chrysene-d12	21.731	240	175714	20.00	ng	0.00
86) Perylene-d12	24.998	264	178988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	24868	25.53	ng	0.00
7) Phenol-d6	7.242	99	123612	93.69	ng	0.00
23) Nitrobenzene-d5	9.246	82	96490	89.06	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	878	1.39	ng	-0.01
45) 2-Fluorobiphenyl	13.335	172	274108	78.53	ng	0.00
79) Terphenyl-d14	20.062	244	708802	80.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	12633	13.52	ng	# 79
24) Nitrobenzene	9.251	77	252	3.17	ng	# 48
48) 2-Nitroaniline	13.335	65	400	5.53	ng	# 1
51) 2,6-Dinitrotoluene	14.710	165	6794	13.11	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	6794	11.00	ng	# 21
77) Benzidine	20.062	184	8935	2.08	ng	# 91

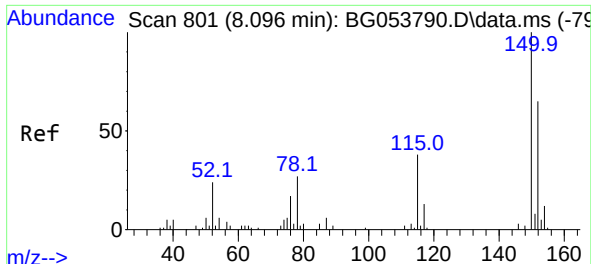
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 23:22:27 2022
Response via : Initial Calibration

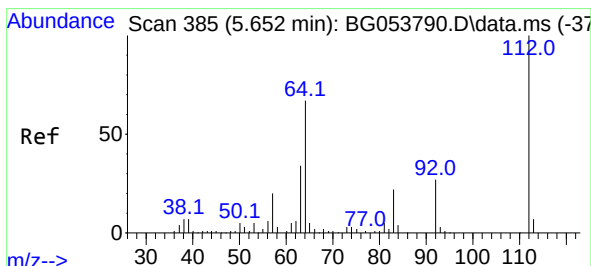
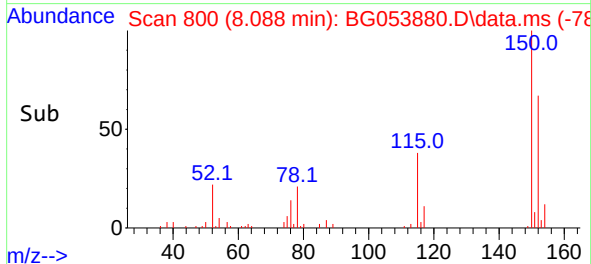
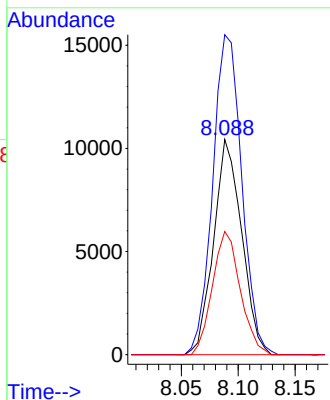
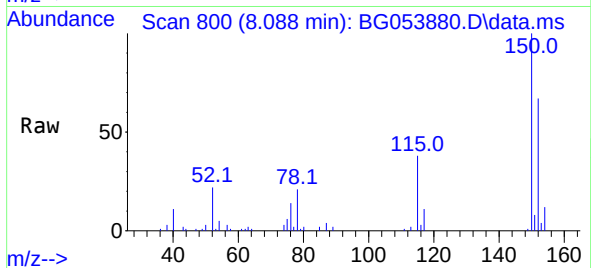




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

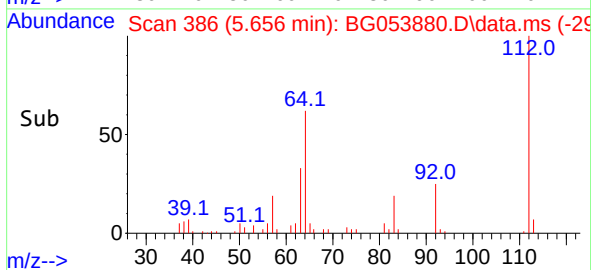
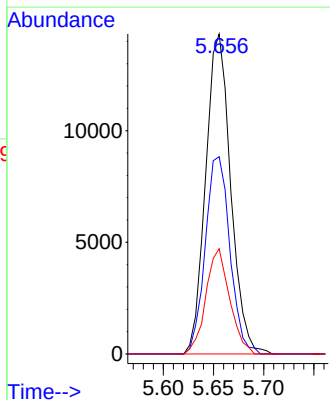
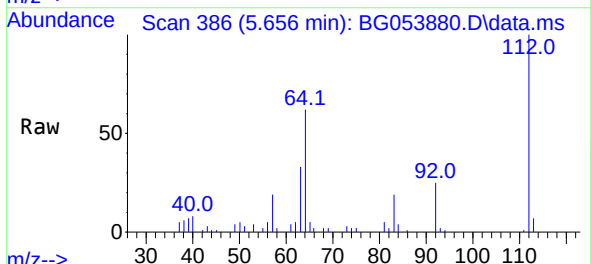
Instrument :
BNA_G
ClientSampleId :
SC-17

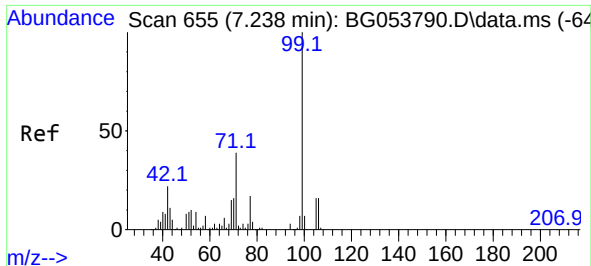
Tgt Ion:152 Resp: 17886
Ion Ratio Lower Upper
152 100
150 148.7 131.6 197.4
115 57.2 50.9 76.3



#5
2-Fluorophenol
Concen: 25.53 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

Tgt Ion:112 Resp: 24868
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 32.9 30.4 45.6

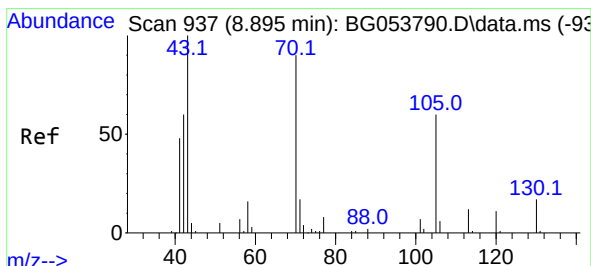
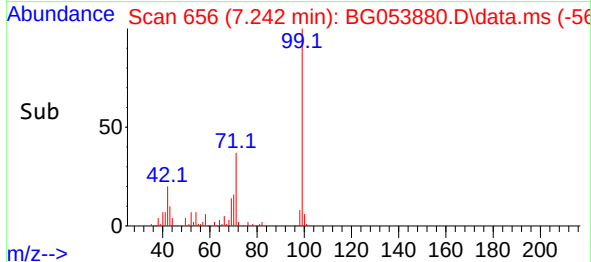
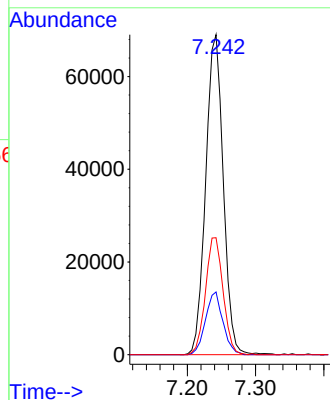
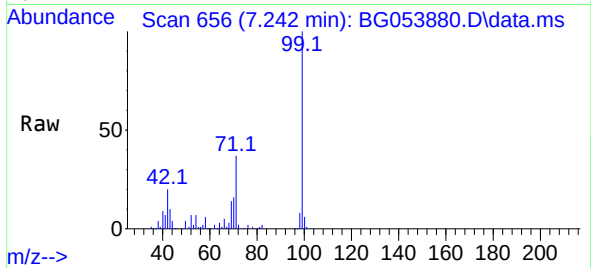




#7
Phenol-d6
Concen: 93.69 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

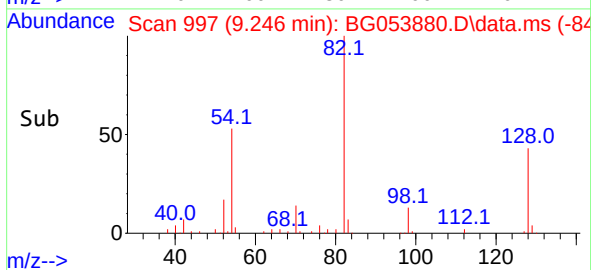
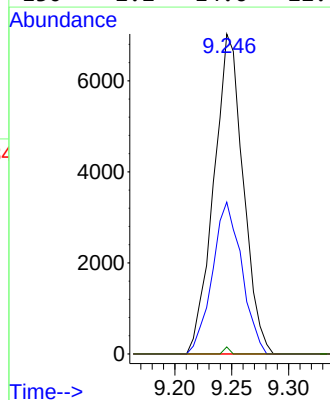
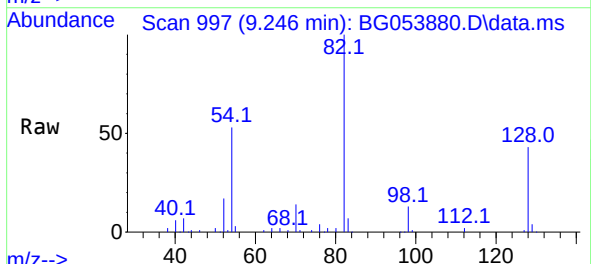
Instrument :
BNA_G
ClientSampleId :
SC-17

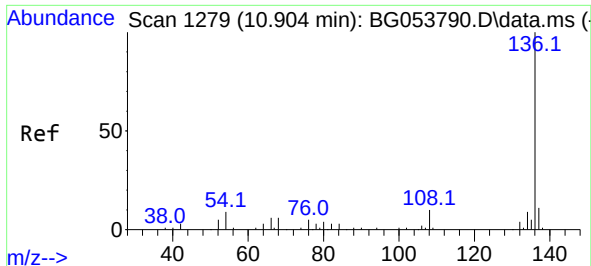
Tgt Ion: 99 Resp: 123612
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.52 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

Tgt Ion: 70 Resp: 12633
Ion Ratio Lower Upper
70 100
42 47.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

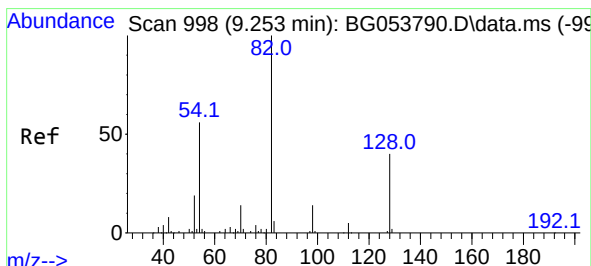
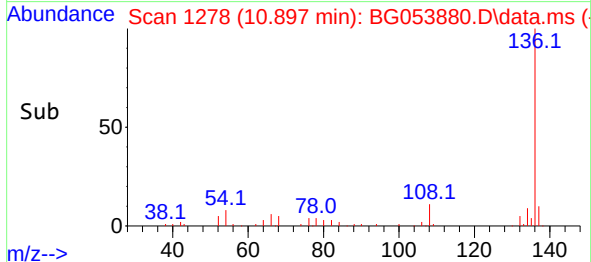
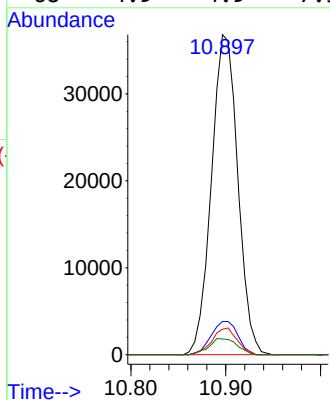
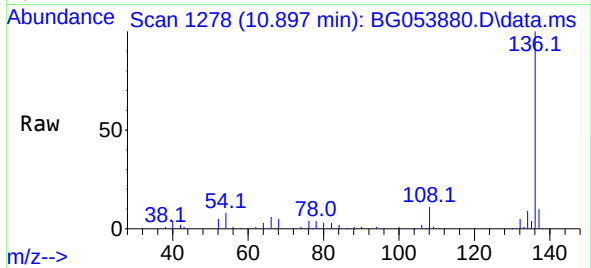




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

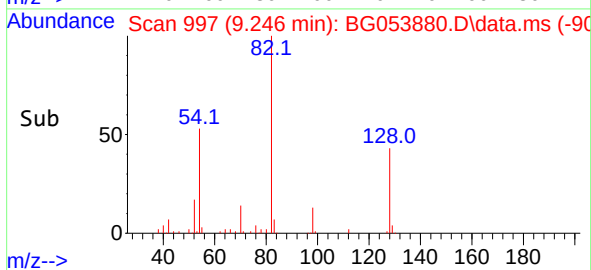
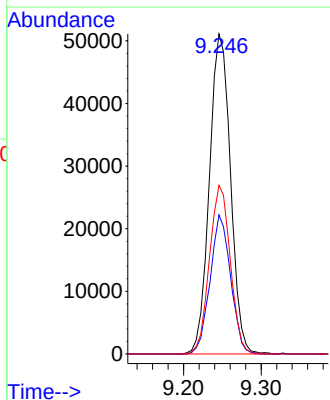
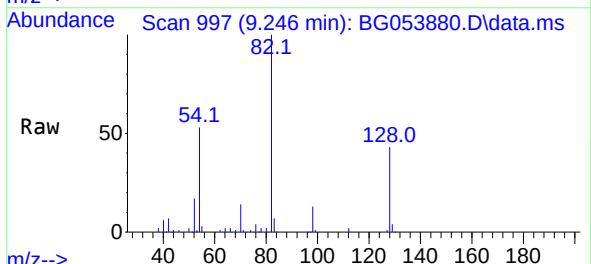
Instrument :
BNA_G
ClientSampleId :
SC-17

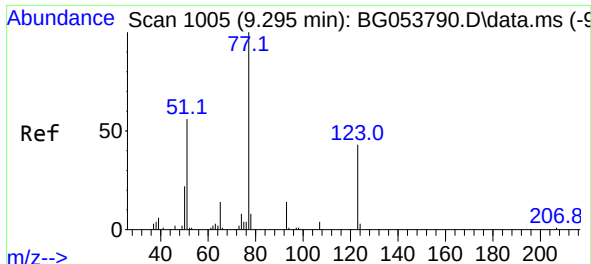
Tgt Ion:	136	Resp:	71144
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	7.9	7.4	11.2
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 89.06 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

Tgt Ion:	82	Resp:	96490
Ion Ratio	Lower	Upper	
82	100		
128	43.4	27.9	41.9#
54	52.7	41.2	61.8

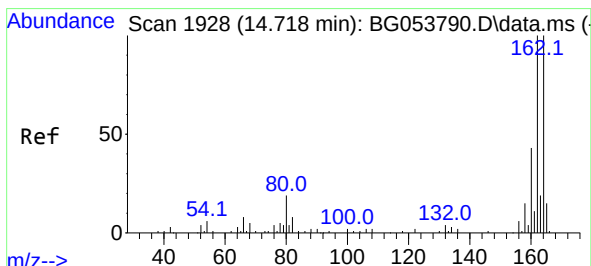
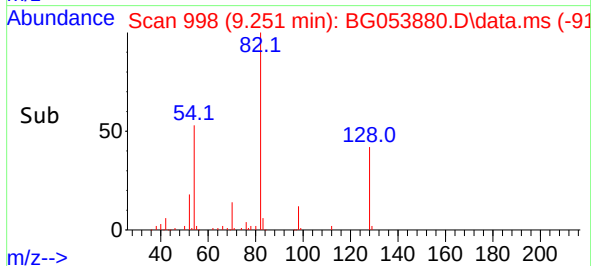
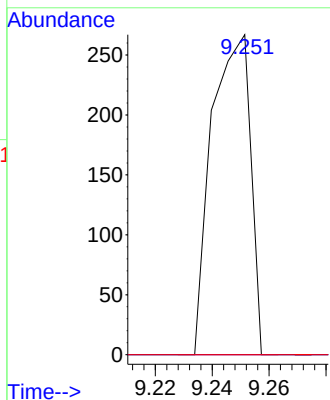
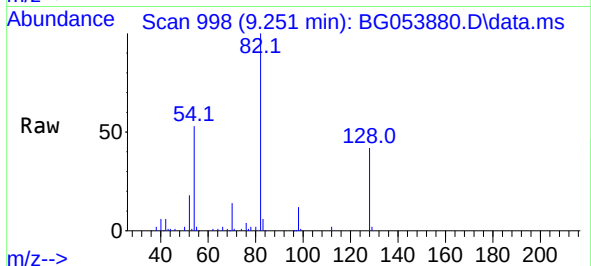




#24
Nitrobenzene
Concen: 3.17 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.044 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

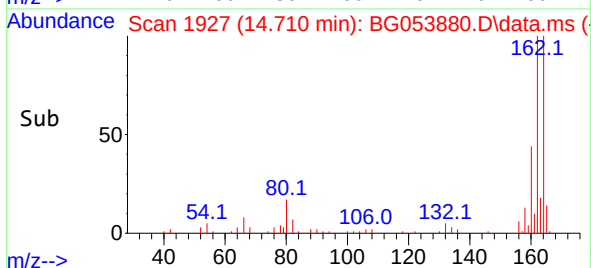
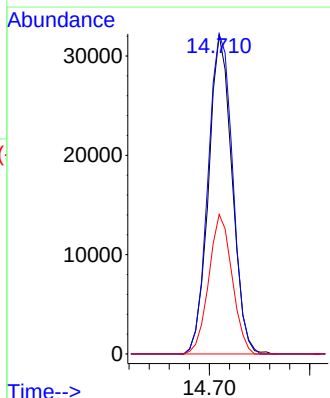
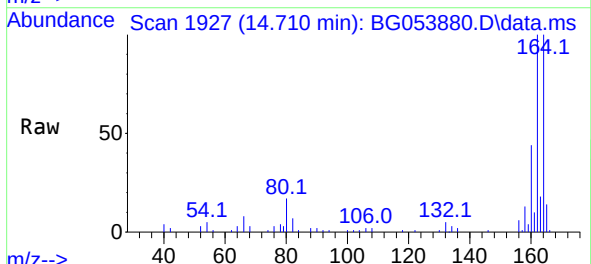
Instrument :
BNA_G
ClientSampleId :
SC-17

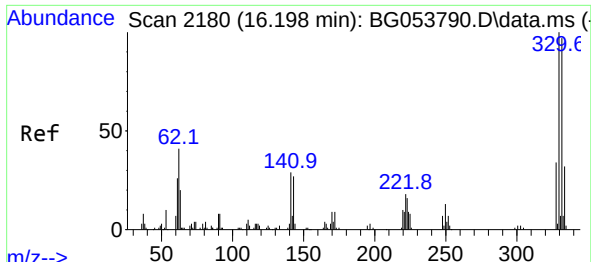
Tgt Ion: 77 Resp: 252
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

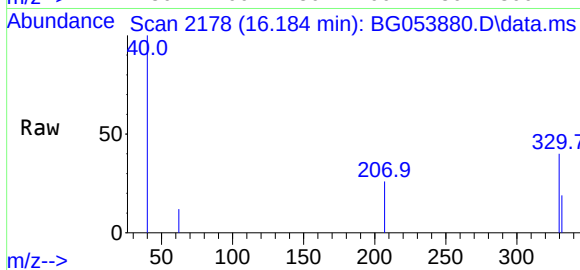
Tgt Ion:164 Resp: 52217
Ion Ratio Lower Upper
164 100
162 100.4 82.3 123.5
160 43.8 34.2 51.2



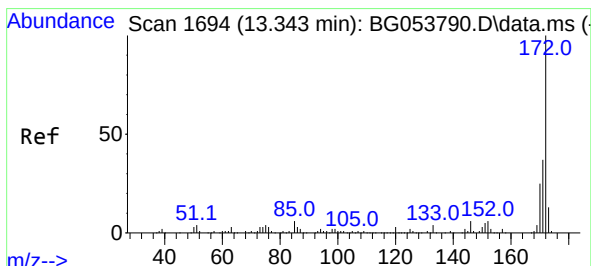
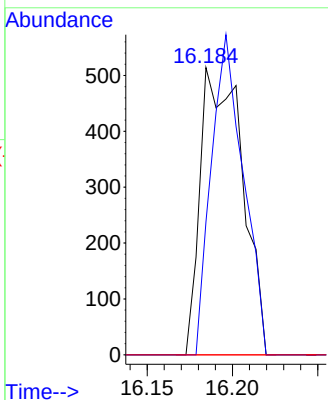
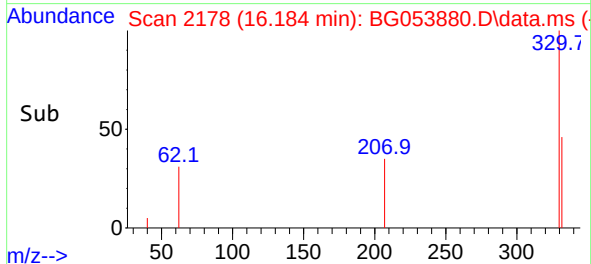


#42
2,4,6-Tribromophenol
Concen: 1.39 ng
RT: 16.184 min Scan# 2180
Delta R.T. -0.014 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

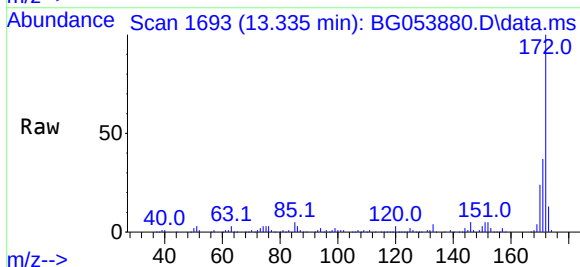
Instrument :
BNA_G
ClientSampleId :
SC-17



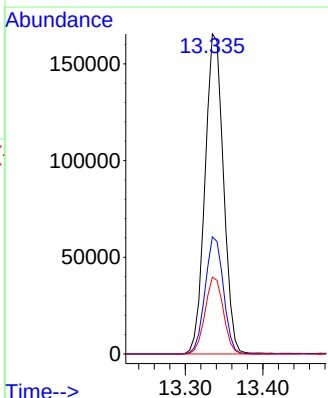
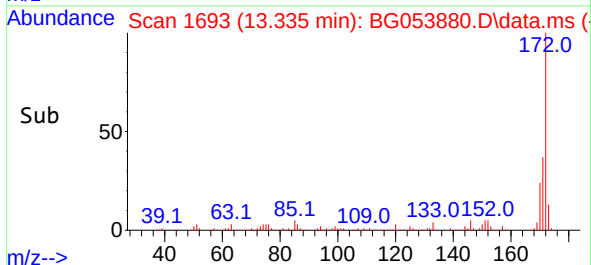
Tgt Ion:330 Resp: 878
Ion Ratio Lower Upper
330 100
332 85.3 76.0 114.0
141 0.0 27.1 40.7#

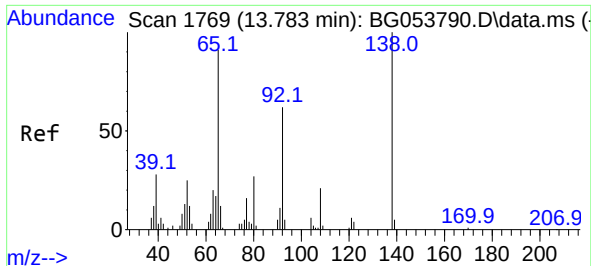


#45
2-Fluorobiphenyl
Concen: 78.53 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.008 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17



Tgt Ion:172 Resp: 274108
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.0 18.9 28.3

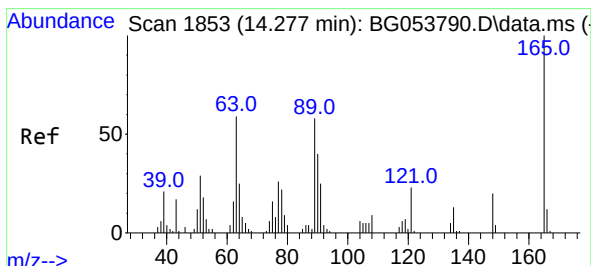
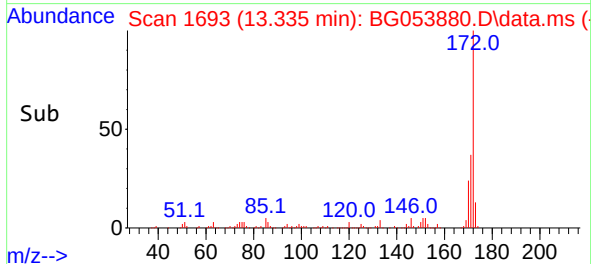
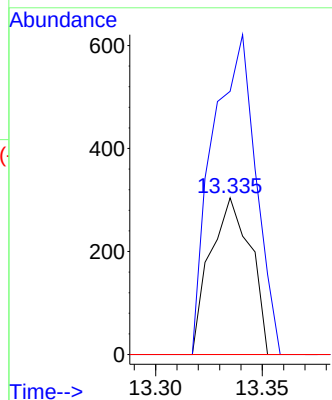
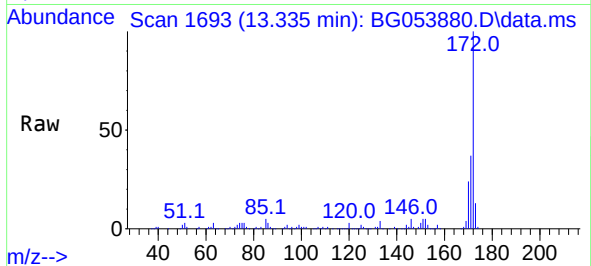




#48
2-Nitroaniline
Concen: 5.53 ng
RT: 13.335 min Scan# 1
Delta R.T. -0.448 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

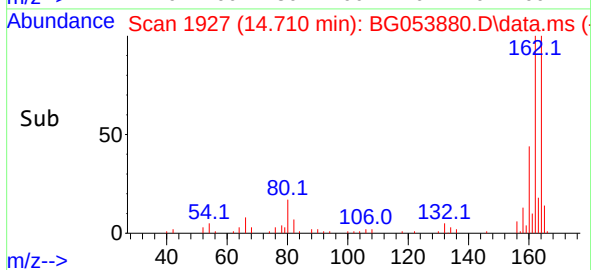
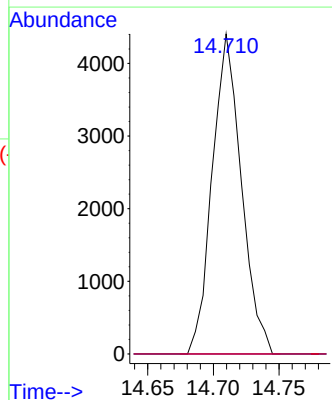
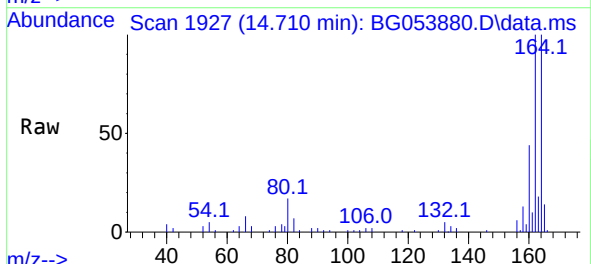
Instrument :
BNA_G
ClientSampleId :
SC-17

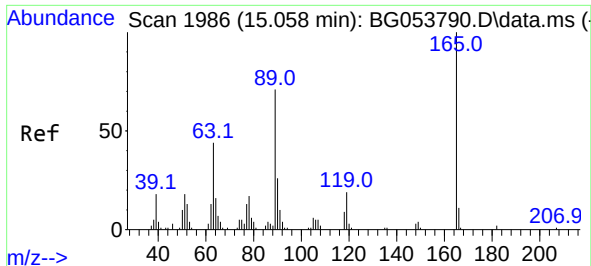
Tgt Ion: 65 Resp: 400
Ion Ratio Lower Upper
65 100
92 168.1 51.5 77.3#
138 0.0 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.11 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

Tgt Ion:165 Resp: 6794
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: 11.00 ng

RT: 14.710 min Scan# 1986

Delta R.T. -0.348 min

Lab File: BG053880.D

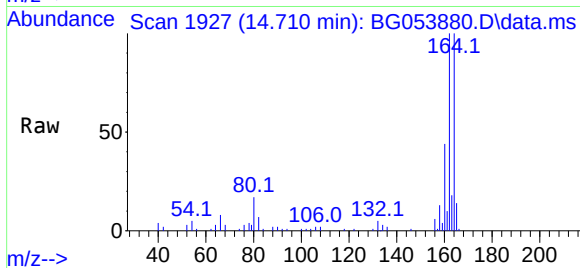
Acq: 10 Jun 2022 18:17

Instrument :

BNA_G

ClientSampleId :

SC-17



Tgt Ion:165 Resp: 6794

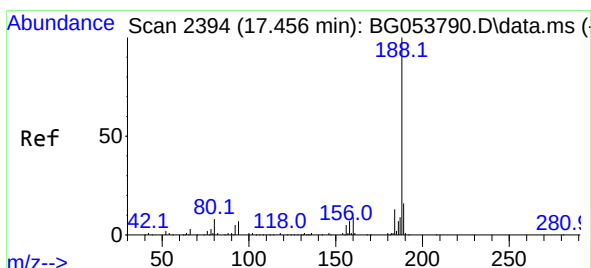
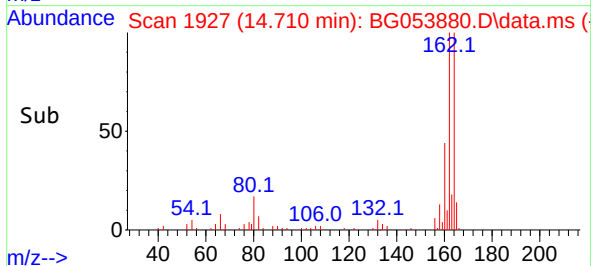
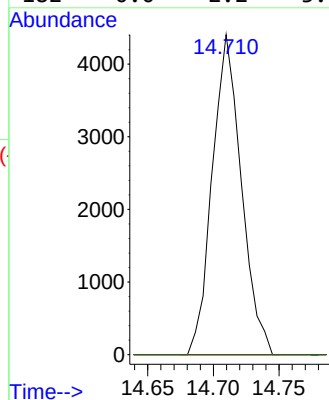
Ion Ratio Lower Upper

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: 17.454 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG053880.D

Acq: 10 Jun 2022 18:17

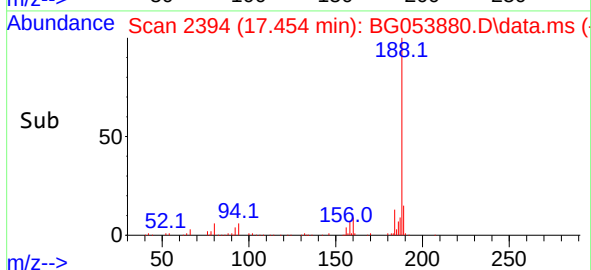
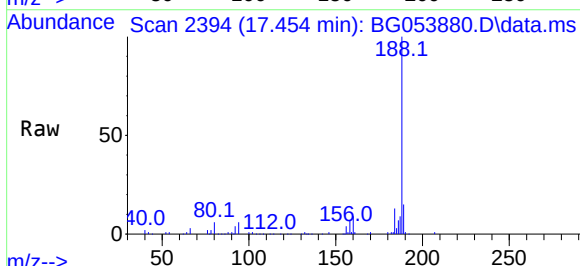
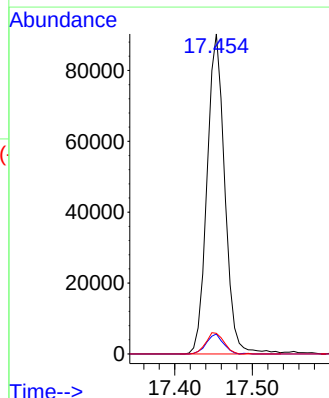
Tgt Ion:188 Resp: 143525

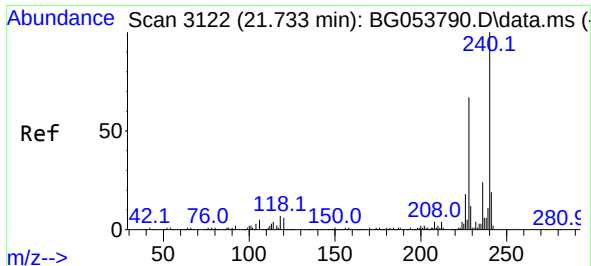
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 6.4 6.8 10.2#

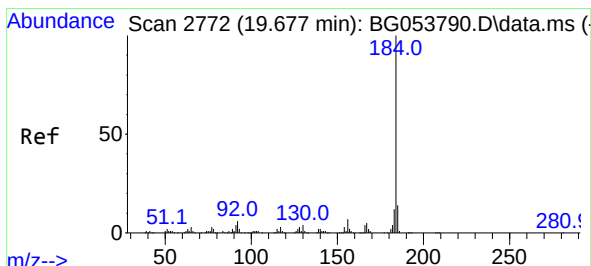
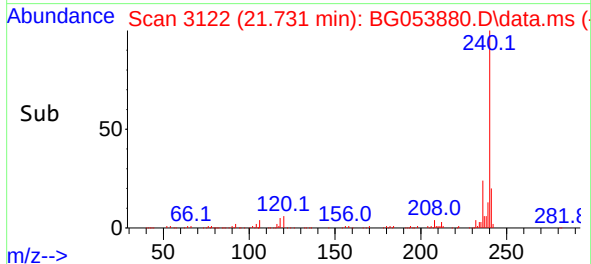
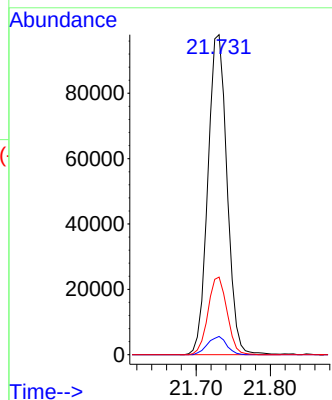
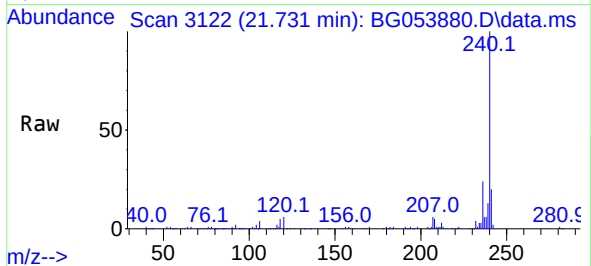




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.731 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

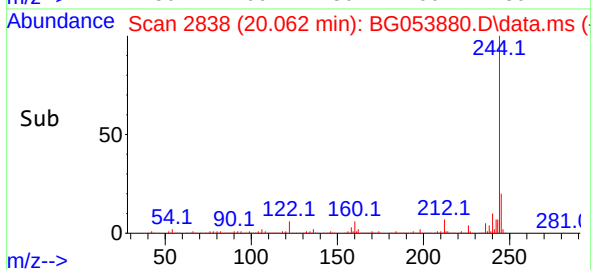
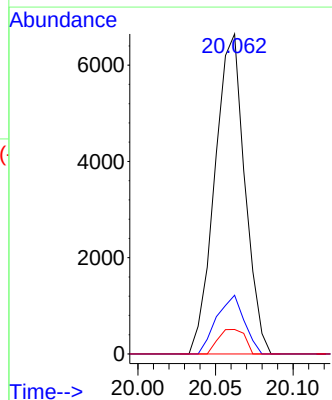
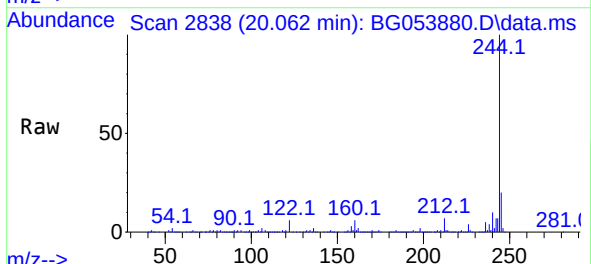
Instrument :
BNA_G
ClientSampleId :
SC-17

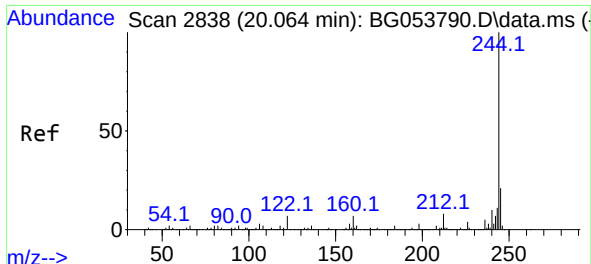
Tgt Ion:240 Resp: 175714
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.2 20.2 30.4



#77
Benzidine
Concen: 2.08 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.386 min
Lab File: BG053880.D
Acq: 10 Jun 2022 18:17

Tgt Ion:184 Resp: 8935
Ion Ratio Lower Upper
184 100
185 18.4 11.8 17.6#
183 7.7 8.9 13.3#

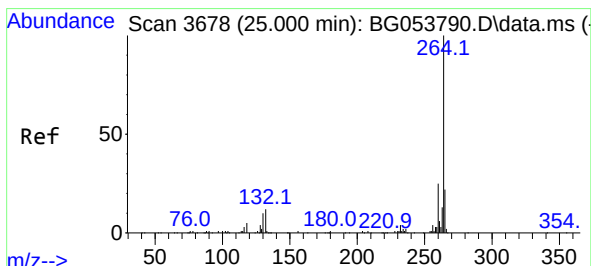
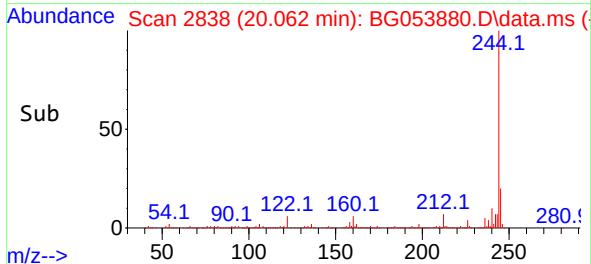
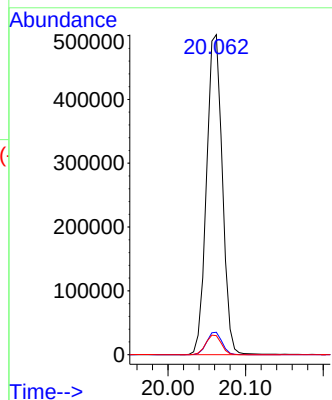
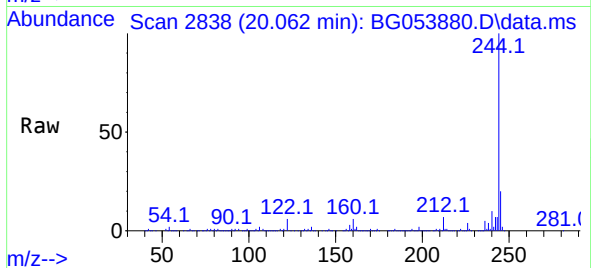




#79
 Terphenyl-d14
 Concen: 80.25 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053880.D
 Acq: 10 Jun 2022 18:17

Instrument :
 BNA_G
 ClientSampleId :
 SC-17

Tgt Ion:244 Resp: 708802
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.998 min Scan# 3678
 Delta R.T. -0.002 min
 Lab File: BG053880.D
 Acq: 10 Jun 2022 18:17

Tgt Ion:264 Resp: 178988
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.3 17.4 26.2

