

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053658.D
 Acq On : 21 May 2022 00:20
 Operator : CG/JU
 Sample : N2872-05 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS006-0006-01

Quant Time: May 23 01:36:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

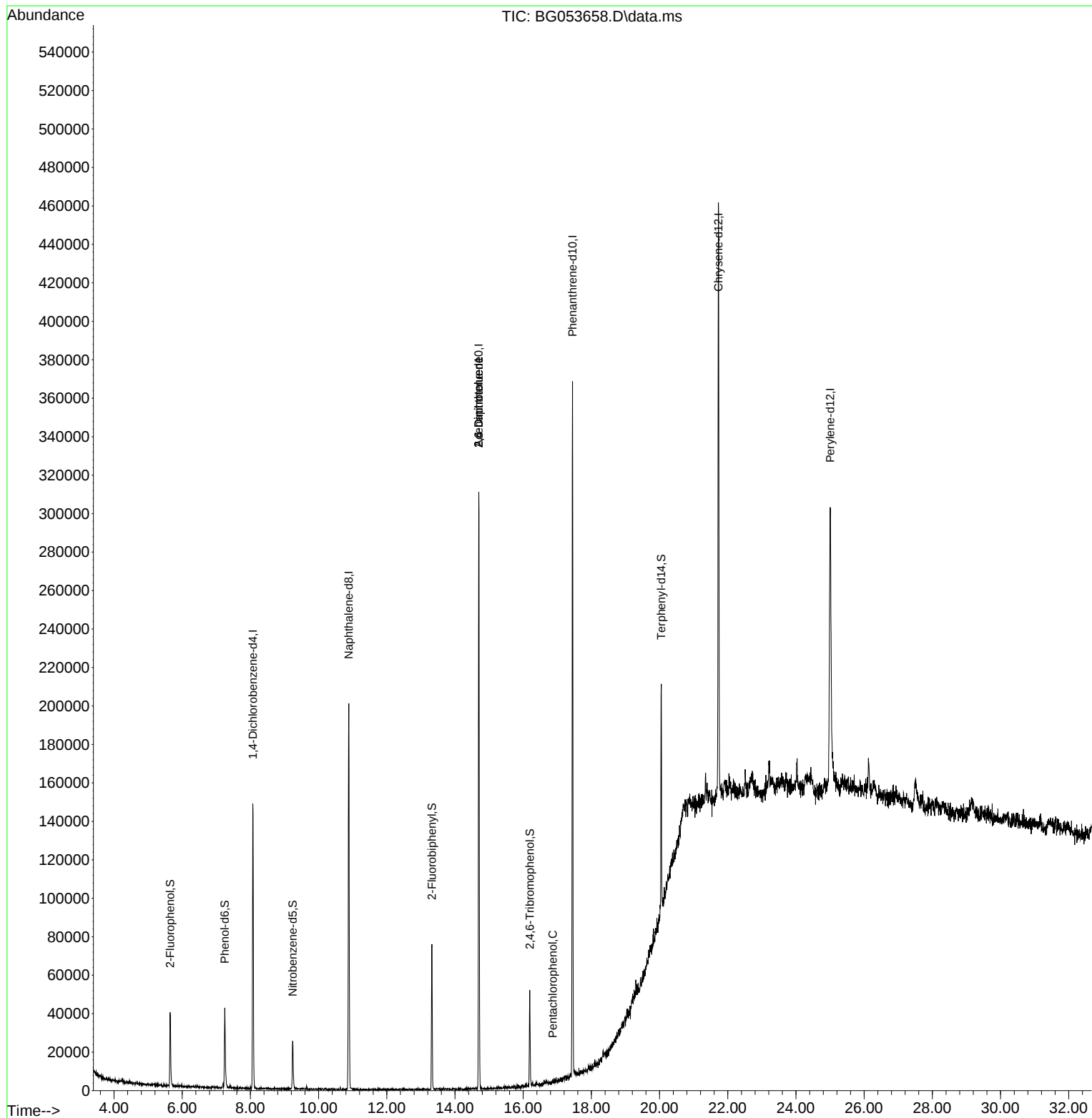
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	42970	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	166037	20.000	ng	0.00
39) Acenaphthene-d10	14.697	164	114544	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	230826	20.000	ng	0.00
76) Chrysene-d12	21.729	240	203294	20.000	ng	0.00
86) Perylene-d12	25.006	264	183174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	19366	7.649	ng	0.00
7) Phenol-d6	7.248	99	27121	7.058	ng	0.00
23) Nitrobenzene-d5	9.240	82	18704	4.795	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	11162	6.607	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	43998	5.613	ng	0.00
79) Terphenyl-d14	20.049	244	59656	5.465	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.697	165	14859	8.379	ng	# 17
57) 2,4-Dinitrotoluene	14.697	165	14859	5.781	ng	# 22
70) Pentachlorophenol	16.870	266	59	4.685	ng	# 16

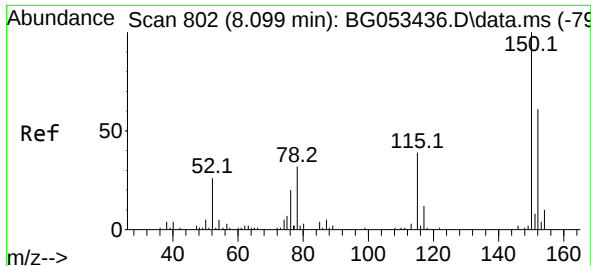
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053658.D
Acq On : 21 May 2022 00:20
Operator : CG/JU
Sample : N2872-05 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P017-SS006-0006-01

Quant Time: May 23 01:36:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 03:55:28 2022
Response via : Initial Calibration

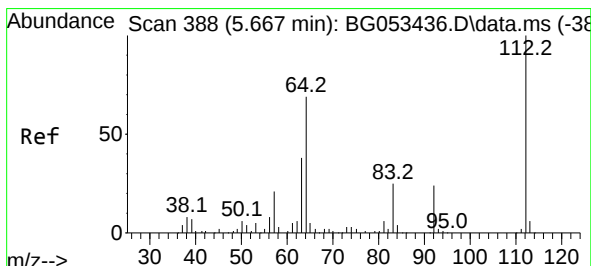
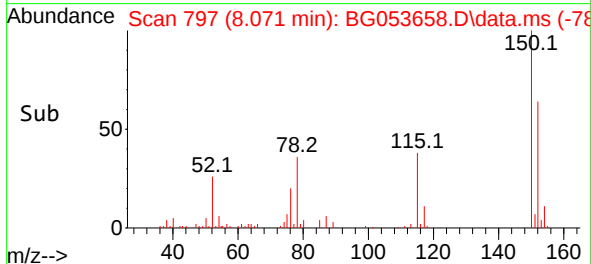
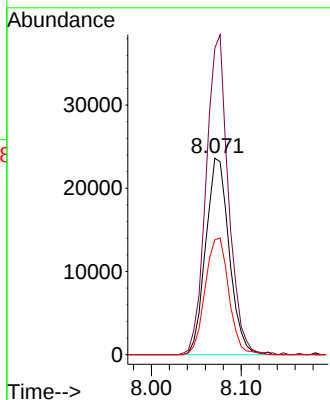
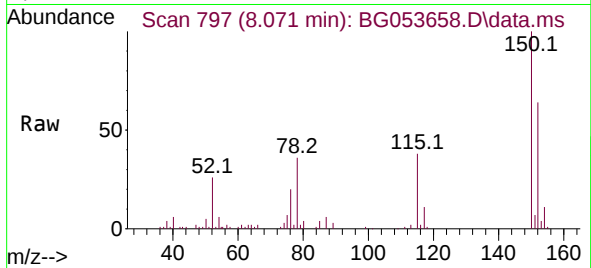




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.071 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

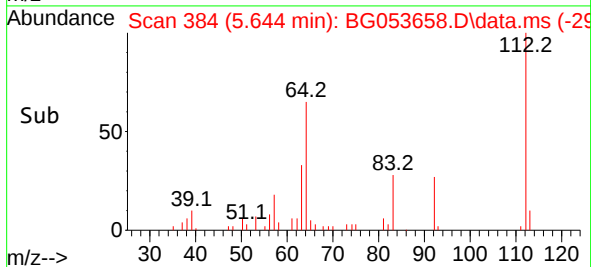
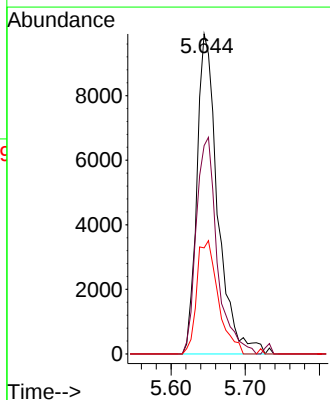
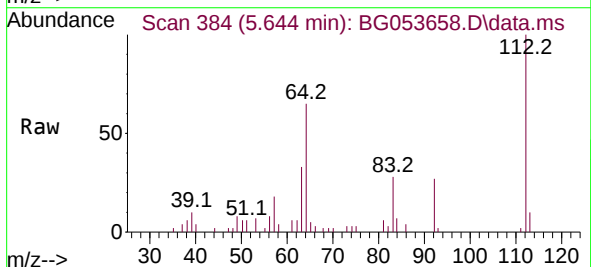
Instrument :
BNA_G
ClientSampleId :
P017-SS006-0006-01

Tgt Ion:152 Resp: 42970
Ion Ratio Lower Upper
152 100
150 156.0 131.6 197.4
115 58.5 50.9 76.3



#5
2-Fluorophenol
Concen: 7.649 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

Tgt Ion:112 Resp: 19366
Ion Ratio Lower Upper
112 100
64 65.1 55.1 82.7
63 33.1 30.4 45.6

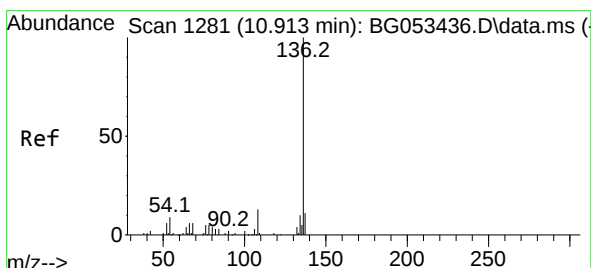
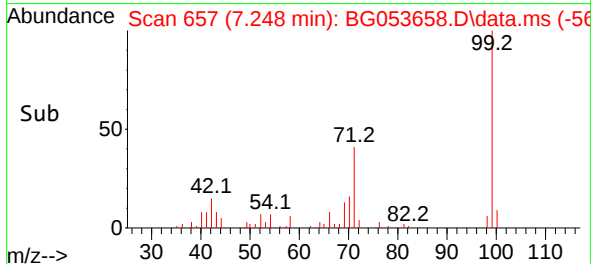
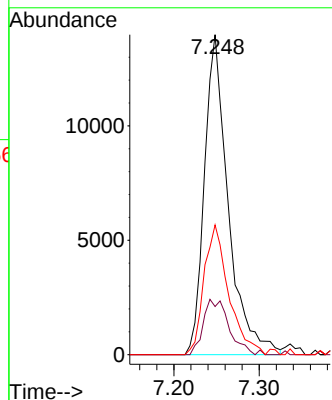
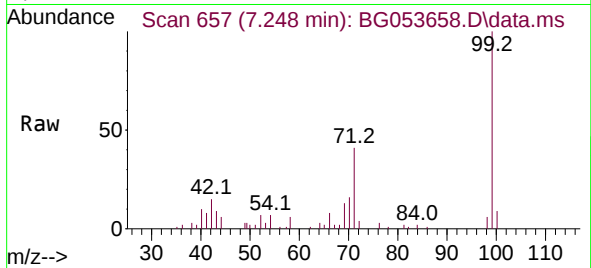




#7
Phenol-d6
Concen: 7.058 ng
RT: 7.248 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

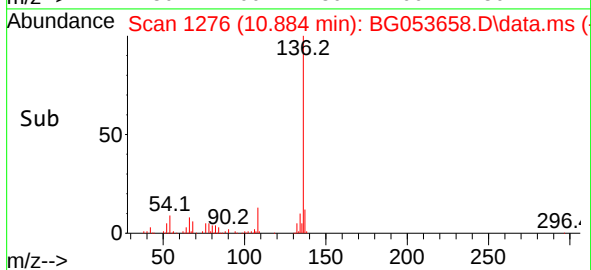
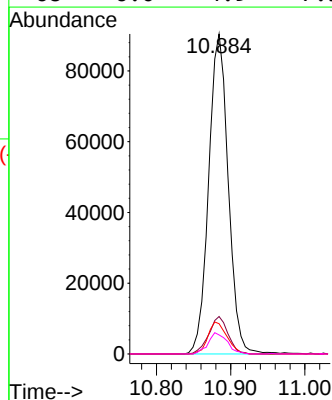
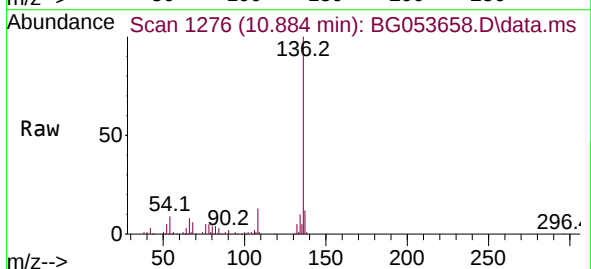
Instrument :
BNA_G
ClientSampleId :
P017-SS006-0006-01

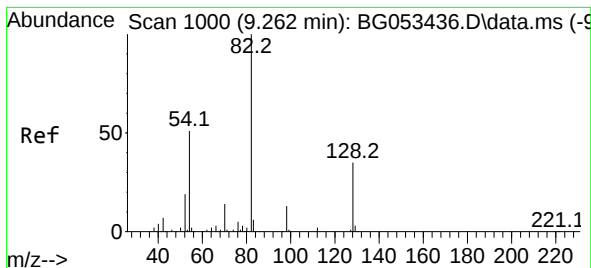
Tgt Ion: 99 Resp: 27121
Ion Ratio Lower Upper
99 100
42 15.0 17.0 25.6#
71 40.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1276
Delta R.T. 0.001 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

Tgt Ion: 136 Resp: 166037
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 9.4 7.4 11.2
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 4.795 ng

RT: 9.240 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG053658.D

Acq: 21 May 2022 00:20

Instrument :

BNA_G

ClientSampleId :

P017-SS006-0006-01

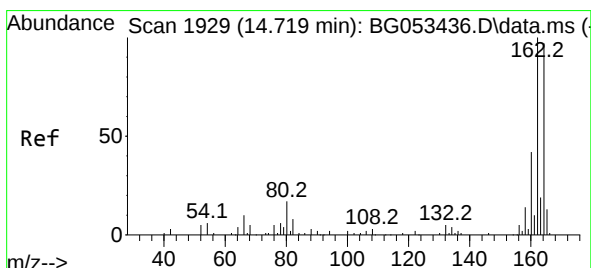
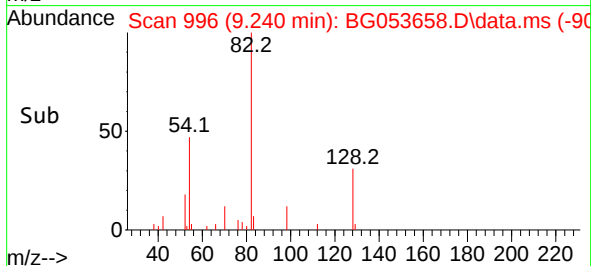
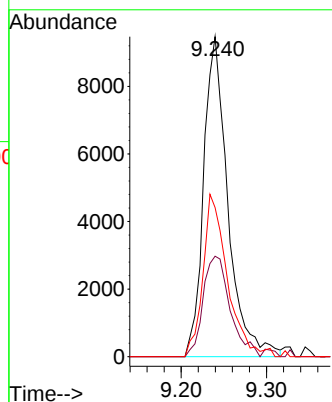
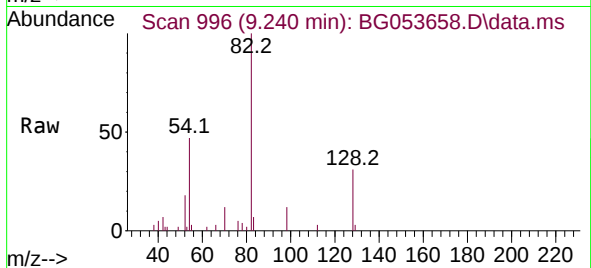
Tgt Ion: 82 Resp: 18704

Ion Ratio Lower Upper

82 100

128 31.4 27.9 41.9

54 46.6 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.697 min Scan# 1925

Delta R.T. -0.004 min

Lab File: BG053658.D

Acq: 21 May 2022 00:20

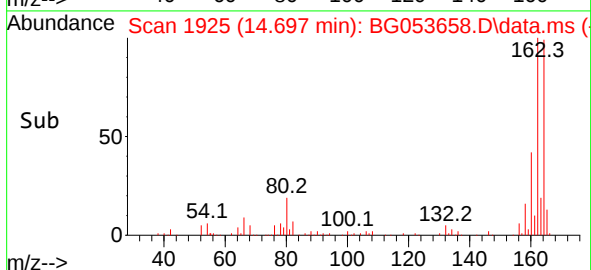
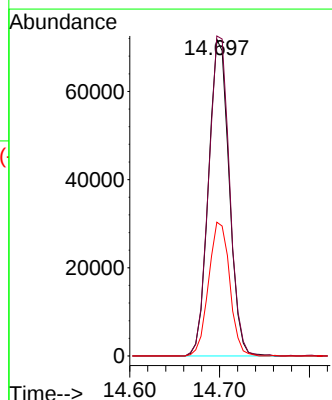
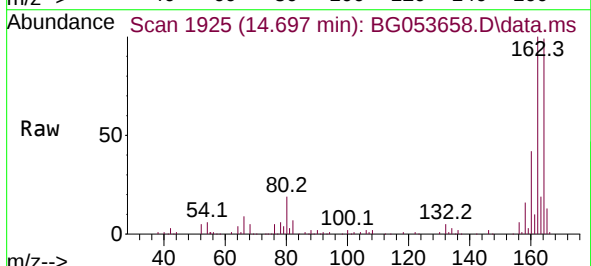
Tgt Ion: 164 Resp: 114544

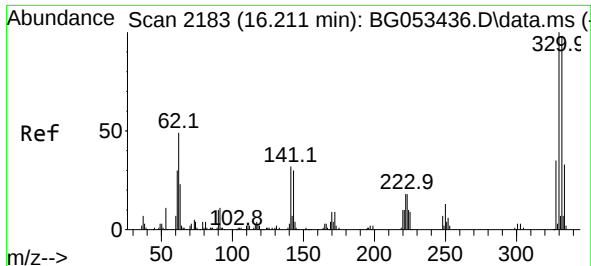
Ion Ratio Lower Upper

164 100

162 101.1 82.3 123.5

160 42.3 34.2 51.2

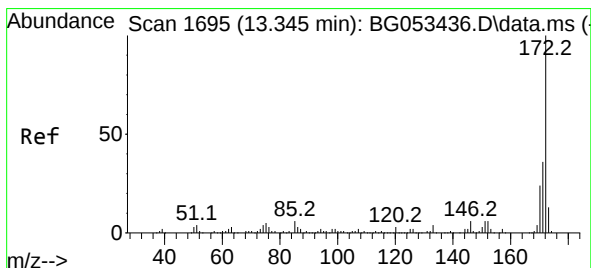
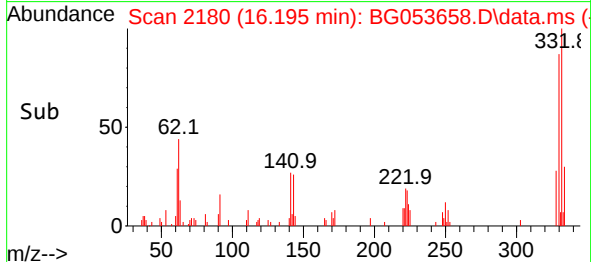
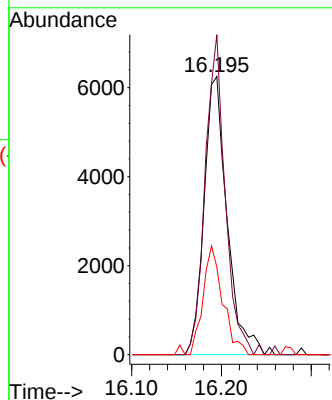
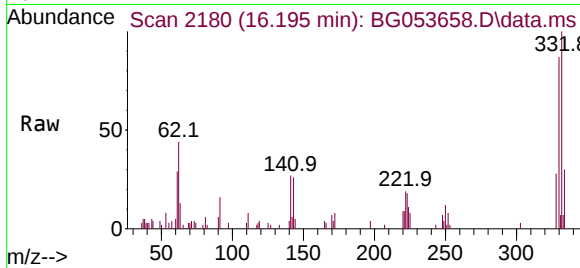




#42
 2,4,6-Tribromophenol
 Concen: 6.607 ng
 RT: 16.195 min Scan# 2183
 Delta R.T. 0.001 min
 Lab File: BG053658.D
 Acq: 21 May 2022 00:20

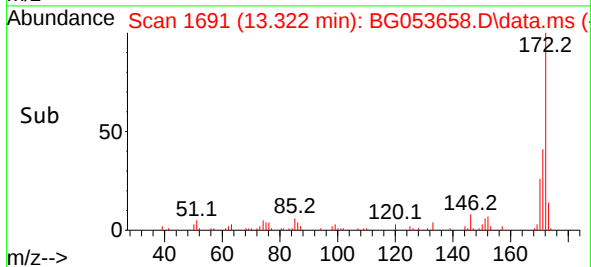
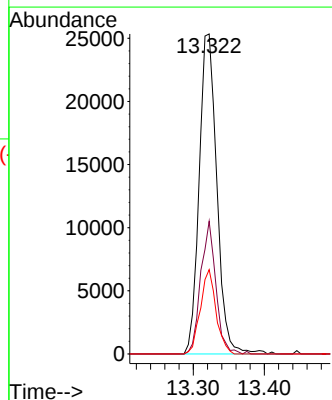
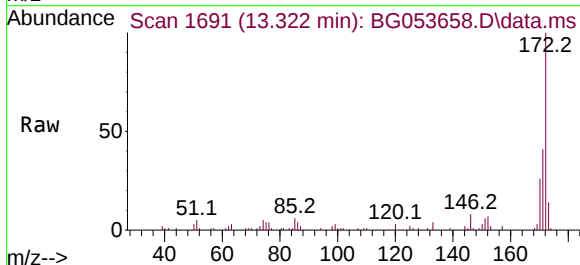
Instrument :
 BNA_G
 ClientSampleId :
 P017-SS006-0006-01

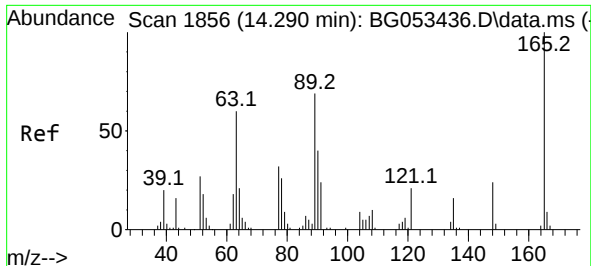
Tgt Ion:330 Resp: 11162
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.0 114.0
 141 34.3 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 5.613 ng
 RT: 13.322 min Scan# 1691
 Delta R.T. -0.004 min
 Lab File: BG053658.D
 Acq: 21 May 2022 00:20

Tgt Ion:172 Resp: 43998
 Ion Ratio Lower Upper
 172 100
 171 41.4 28.5 42.7
 170 26.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.379 ng

RT: 14.697 min Scan# 1925

Delta R.T. 0.424 min

Lab File: BG053658.D

Acq: 21 May 2022 00:20

Instrument :

BNA_G

ClientSampleId :

P017-SS006-0006-01

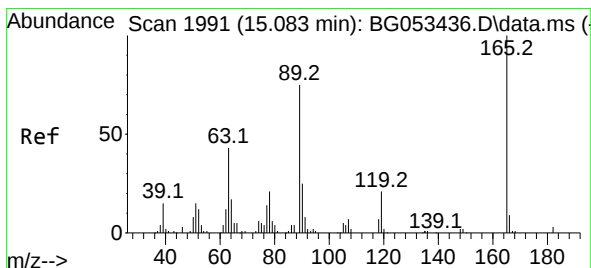
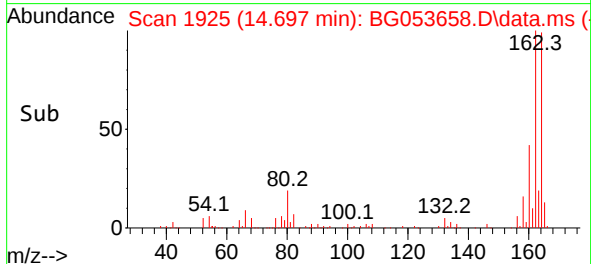
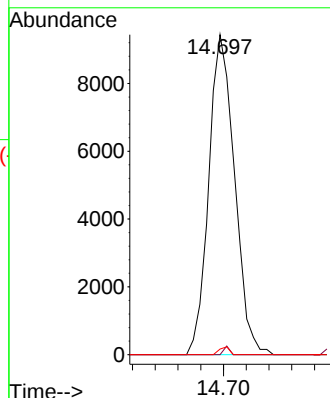
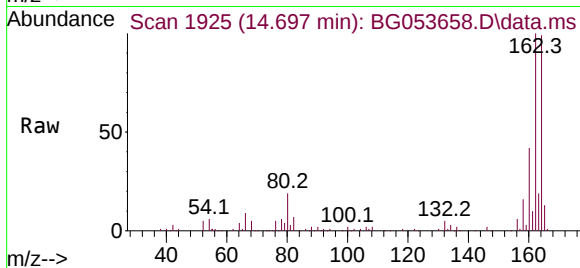
Tgt Ion:165 Resp: 14859

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 1.7 54.8 82.2#



#57

2,4-Dinitrotoluene

Concen: 5.781 ng

RT: 14.697 min Scan# 1925

Delta R.T. -0.369 min

Lab File: BG053658.D

Acq: 21 May 2022 00:20

Tgt Ion:165 Resp: 14859

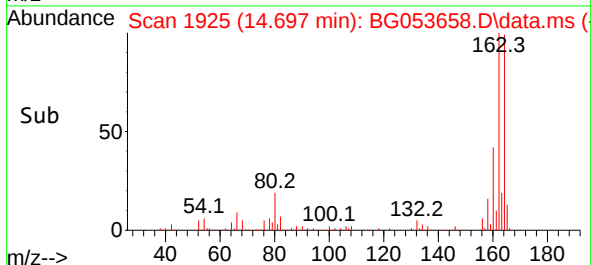
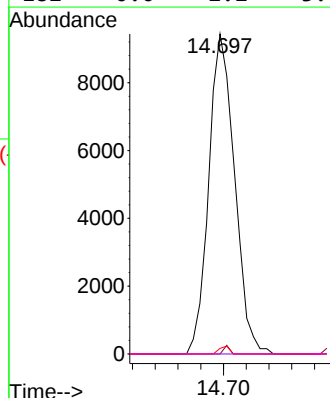
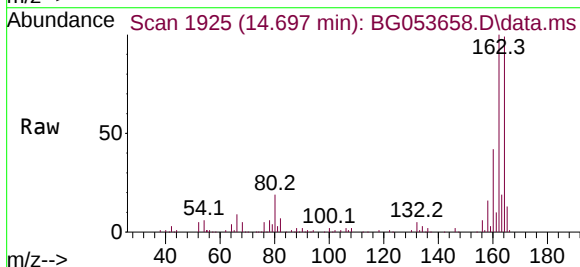
Ion Ratio Lower Upper

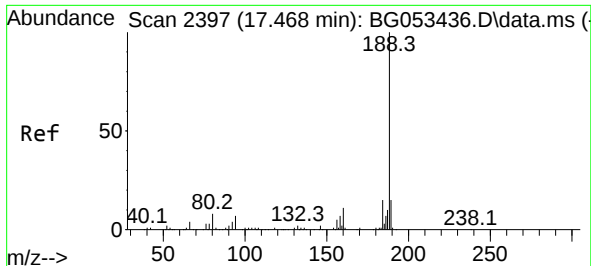
165 100

63 0.0 34.6 52.0#

89 1.7 60.3 90.5#

182 0.0 2.2 3.4#

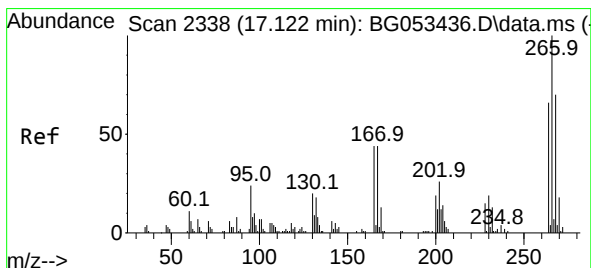
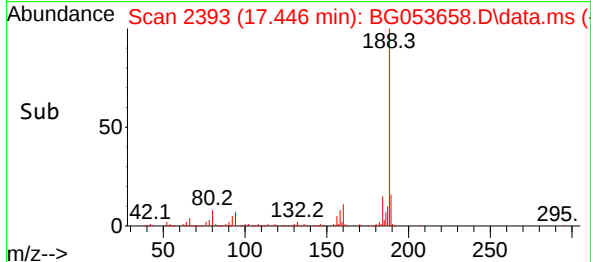
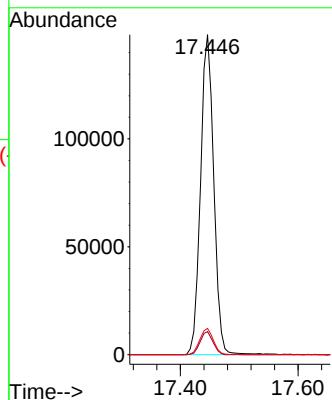
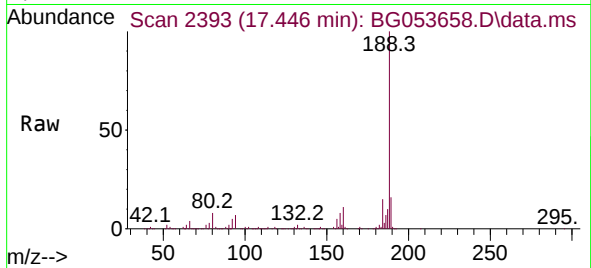




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.446 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

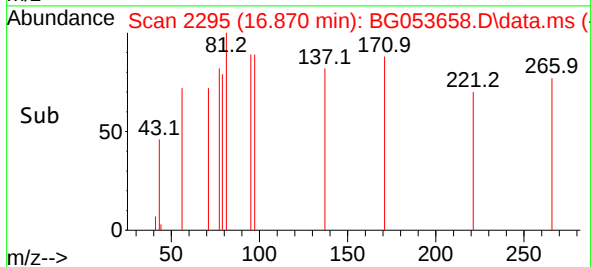
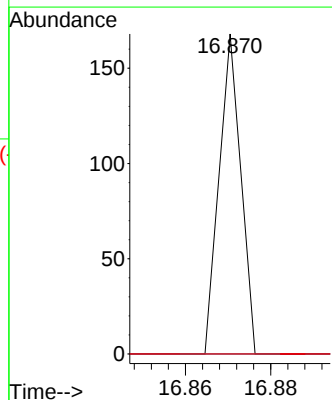
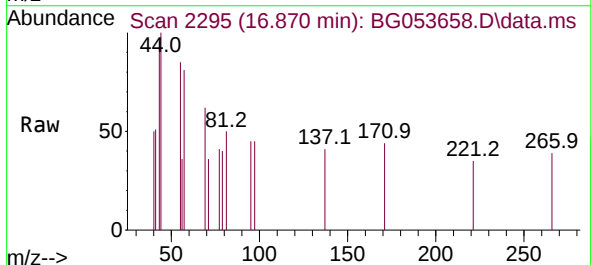
Instrument :
BNA_G
ClientSampleId :
P017-SS006-0006-01

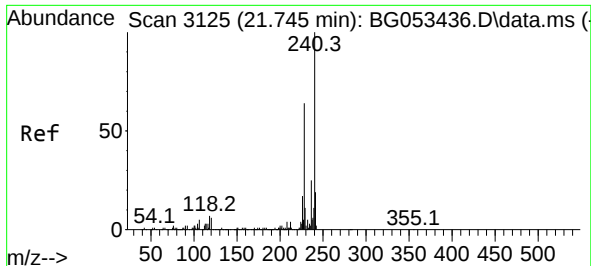
Tgt Ion:188 Resp: 230826
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.2 6.8 10.2



#70
Pentachlorophenol
Concen: 4.685 ng
RT: 16.870 min Scan# 2295
Delta R.T. -0.239 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

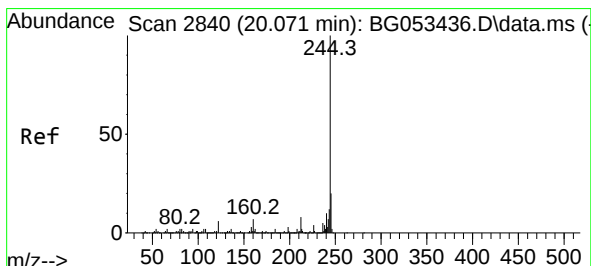
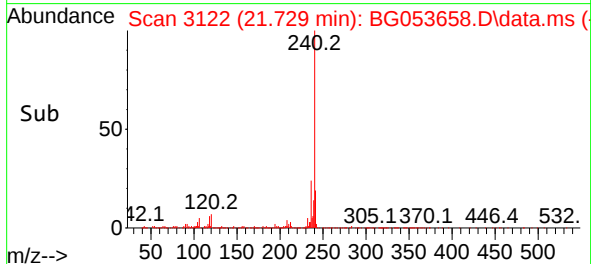
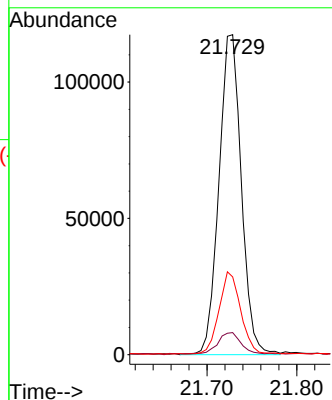
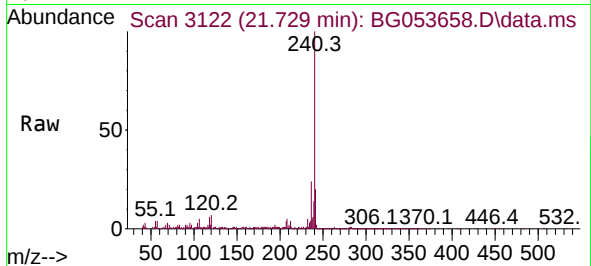




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.729 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

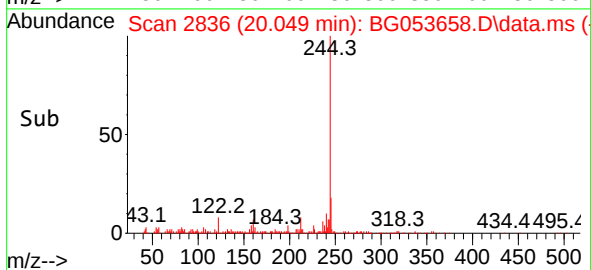
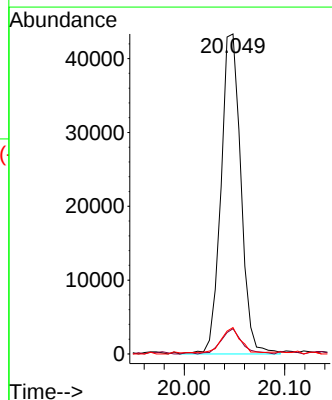
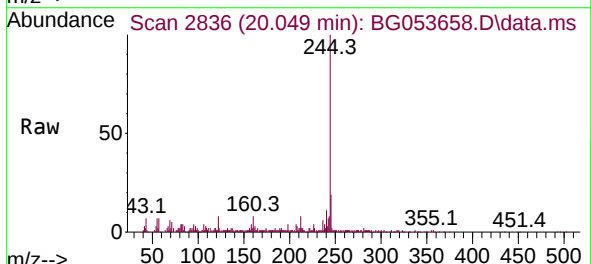
Instrument :
BNA_G
ClientSampleId :
P017-SS006-0006-01

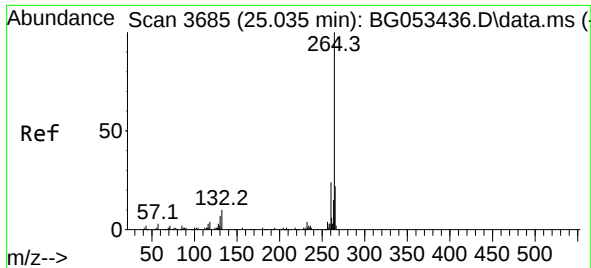
Tgt Ion:240 Resp: 203294
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 24.3 20.2 30.4



#79
Terphenyl-d14
Concen: 5.465 ng
RT: 20.049 min Scan# 2836
Delta R.T. -0.004 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

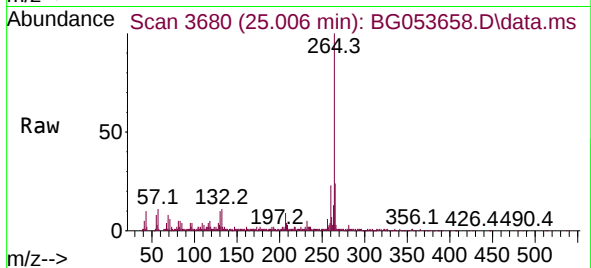
Tgt Ion:244 Resp: 59656
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 8.2 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG053658.D
Acq: 21 May 2022 00:20

Instrument :
BNA_G
ClientSampleId :
P017-SS006-0006-01



Tgt Ion:	264	Resp:	183174
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	23.5	17.4	26.2

