

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053636.D
 Acq On : 19 May 2022 21:31
 Operator : CG/JU
 Sample : N2871-16 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS004-0006-01

Quant Time: May 20 03:58:25 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)

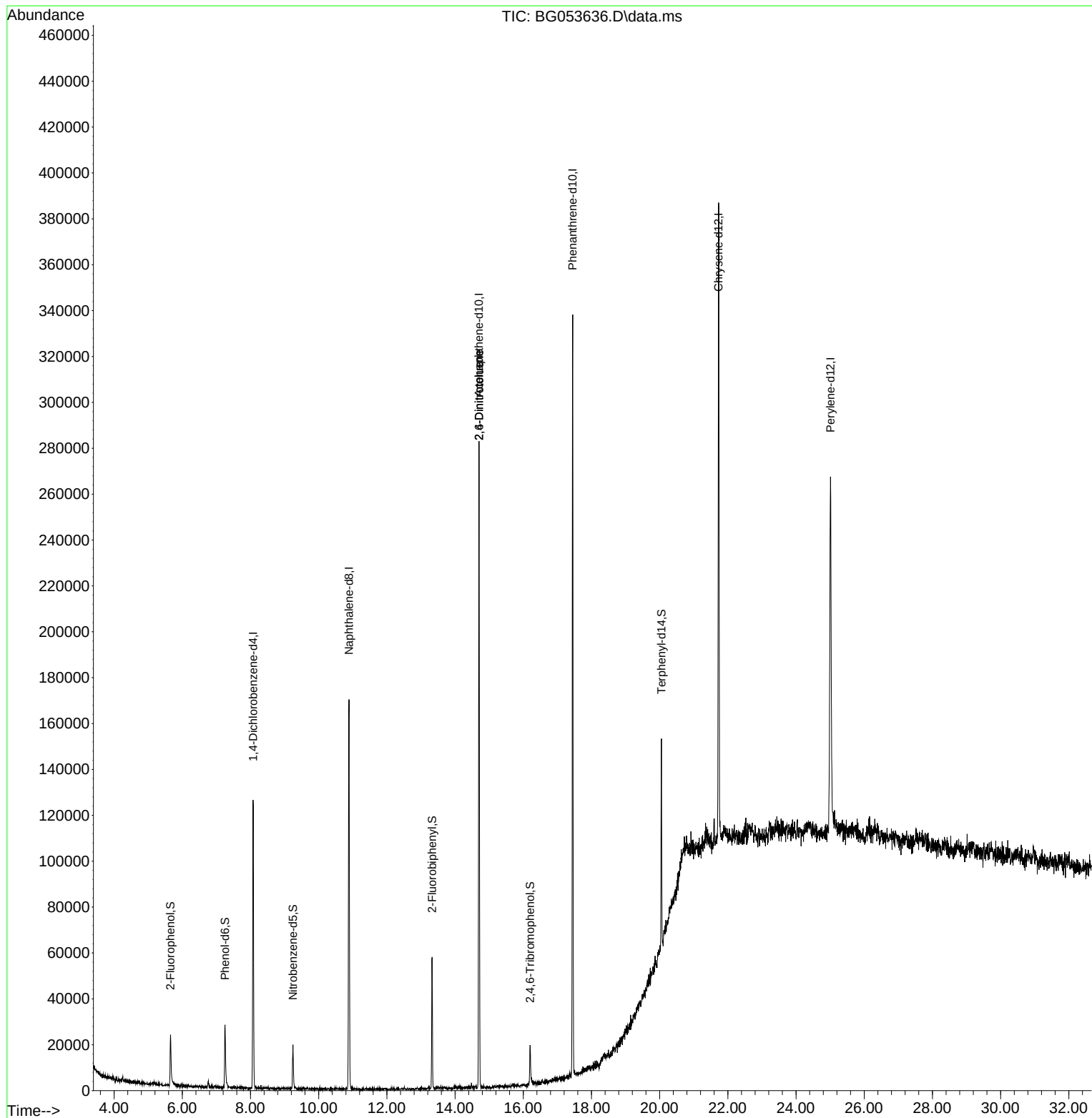
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	36620	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	143192	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	103110	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	210033	20.000	ng	0.00
76) Chrysene-d12	21.728	240	179432	20.000	ng	0.00
86) Perylene-d12	25.012	264	182438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	13334	6.180	ng	0.01
7) Phenol-d6	7.254	99	18448	5.633	ng	0.01
23) Nitrobenzene-d5	9.245	82	13401	3.984	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	5756	3.785	ng	0.01
45) 2-Fluorobiphenyl	13.328	172	32297	4.577	ng	0.00
79) Terphenyl-d14	20.054	244	47466	4.927	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.708	165	13405	8.397	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	13405	5.793	ng	# 21

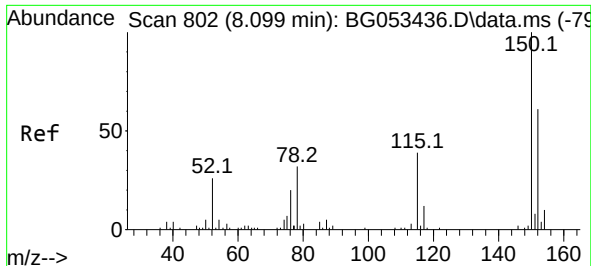
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053636.D
Acq On : 19 May 2022 21:31
Operator : CG/JU
Sample : N2871-16 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01

Quant Time: May 20 03:58:25 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

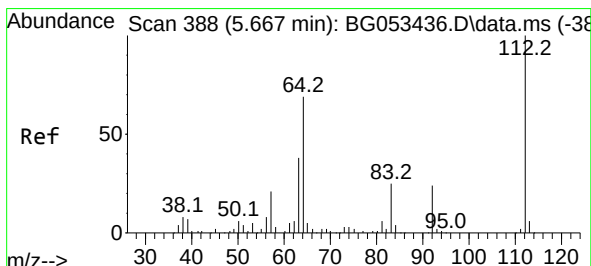
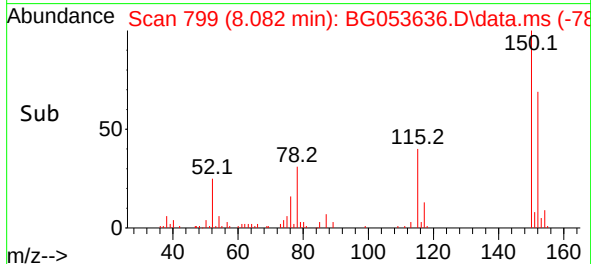
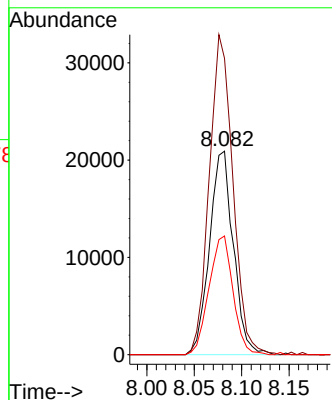
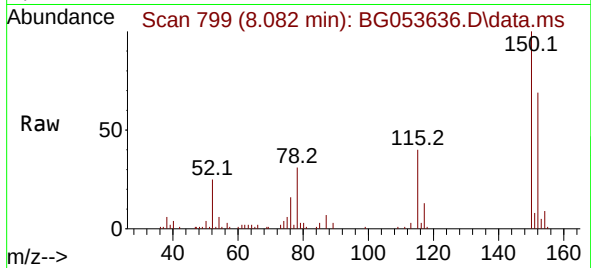




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 799
Delta R.T. 0.007 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

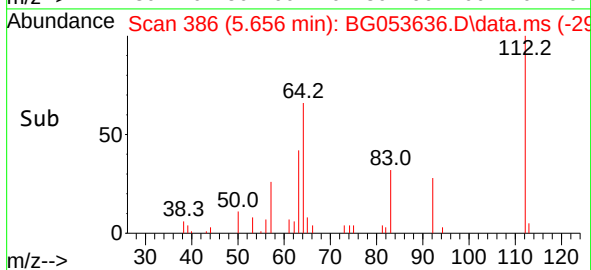
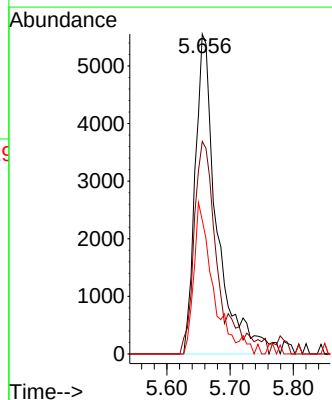
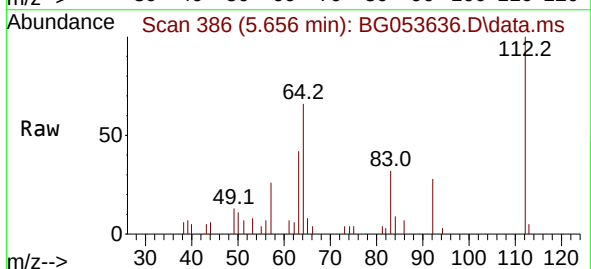
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01

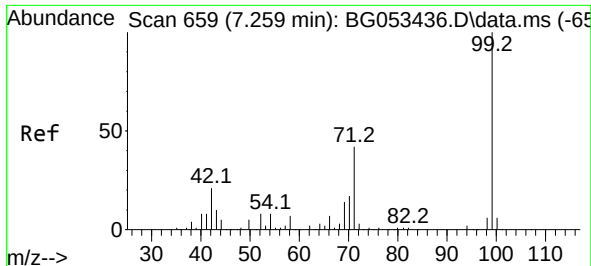
Tgt Ion:152 Resp: 36620
Ion Ratio Lower Upper
152 100
150 145.6 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 6.180 ng
RT: 5.656 min Scan# 386
Delta R.T. 0.013 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

Tgt Ion:112 Resp: 13334
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 41.8 30.4 45.6

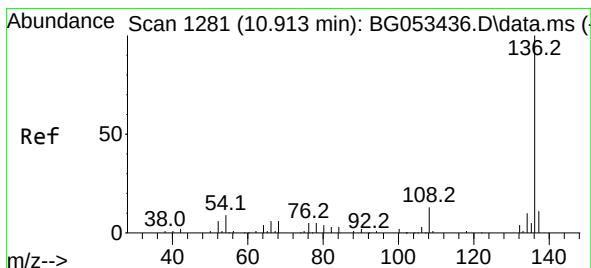
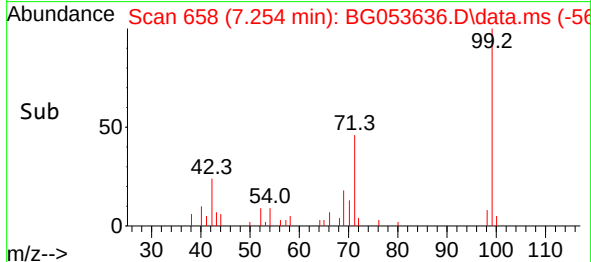
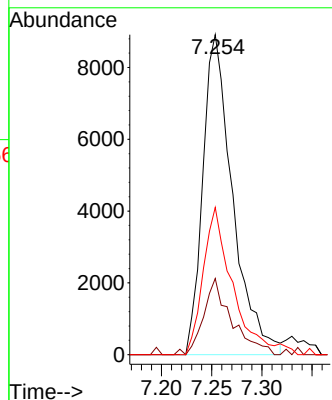
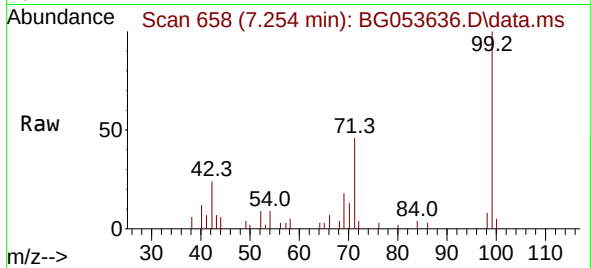




#7
Phenol-d6
Concen: 5.633 ng
RT: 7.254 min Scan# 61
Delta R.T. 0.013 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

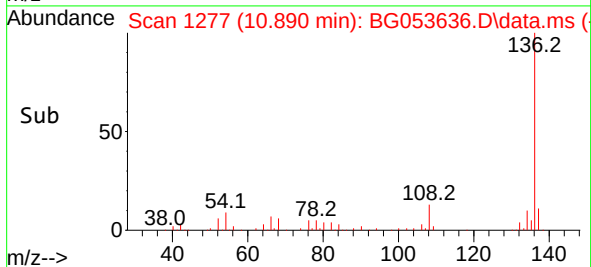
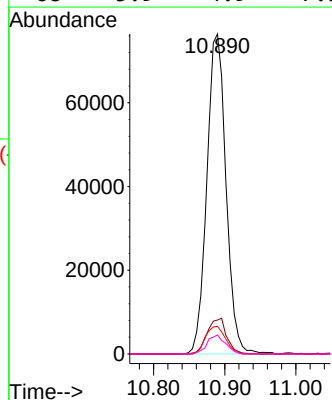
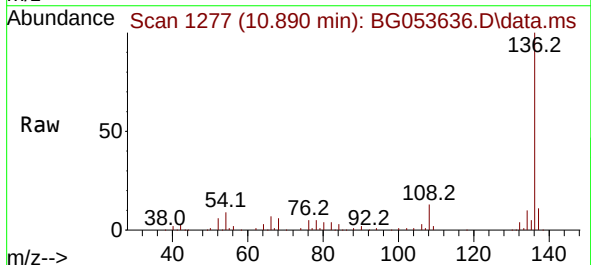
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01

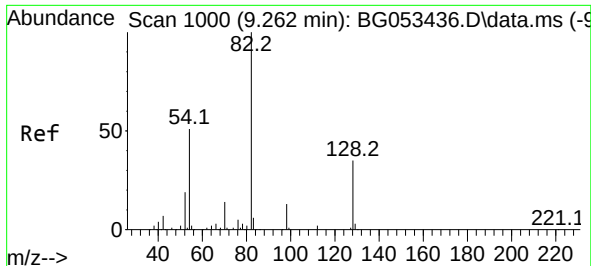
Tgt Ion: 99 Resp: 18448
Ion Ratio Lower Upper
99 100
42 23.8 17.0 25.6
71 46.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1277
Delta R.T. 0.007 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

Tgt Ion: 136 Resp: 143192
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 8.7 7.4 11.2
68 5.9 4.9 7.3

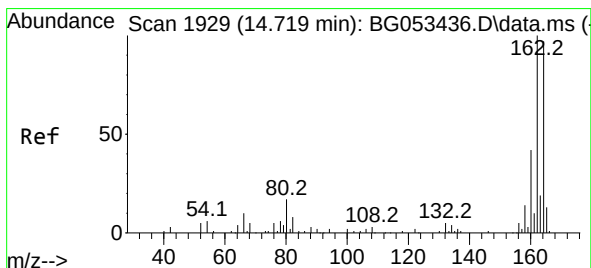
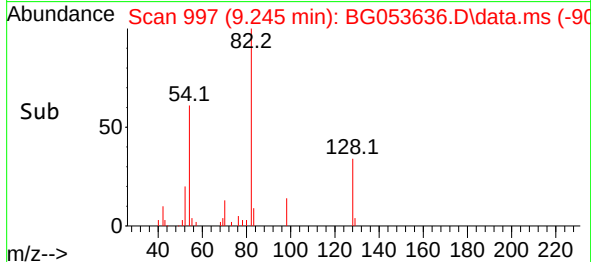
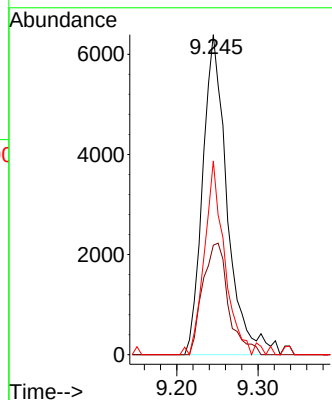
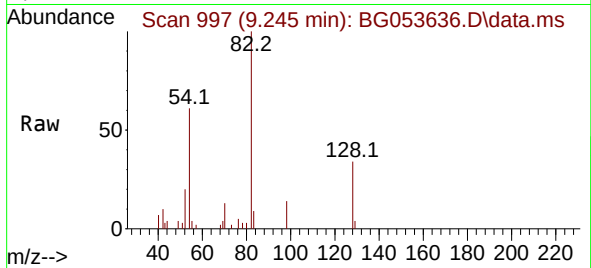




#23
Nitrobenzene-d5
Concen: 3.984 ng
RT: 9.245 min Scan# 91
Delta R.T. 0.007 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

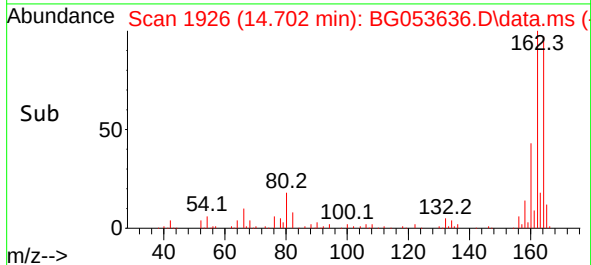
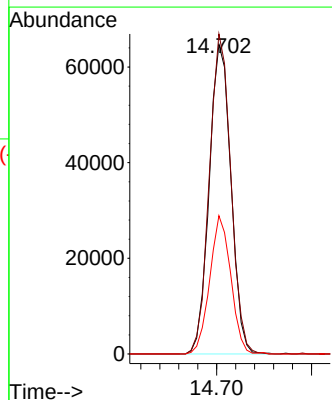
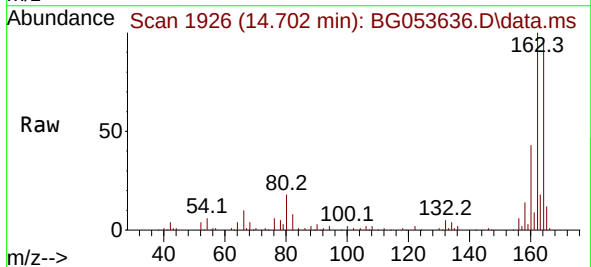
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01

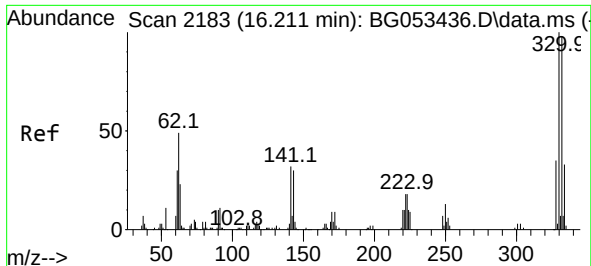
Tgt Ion: 82	Resp: 13401
Ion Ratio	Lower Upper
82 100	
128 34.2	27.9 41.9
54 60.5	41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

Tgt Ion:164	Resp:	103110	
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.3	123.5
160	44.6	34.2	51.2

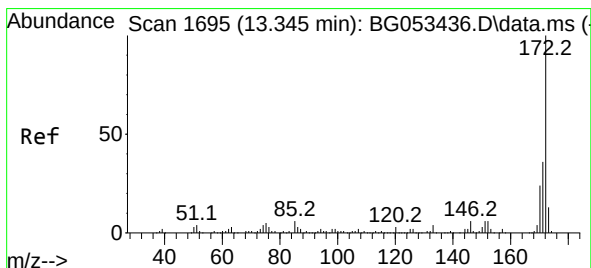
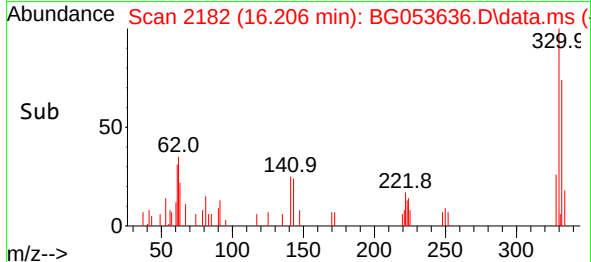
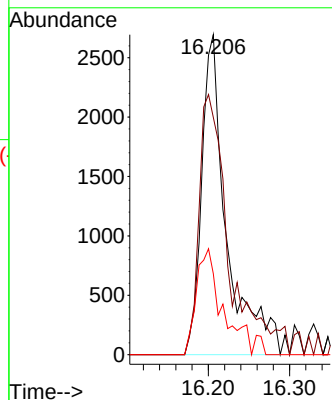
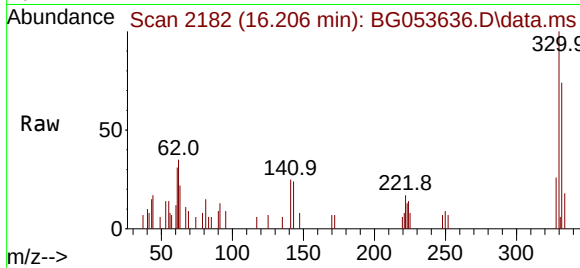




#42
2,4,6-Tribromophenol
Concen: 3.785 ng
RT: 16.206 min Scan# 2182
Delta R.T. 0.013 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

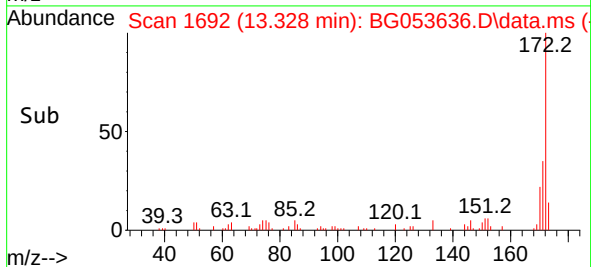
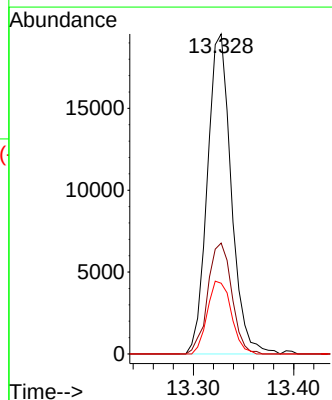
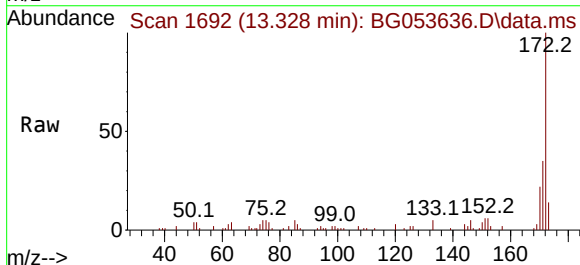
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01

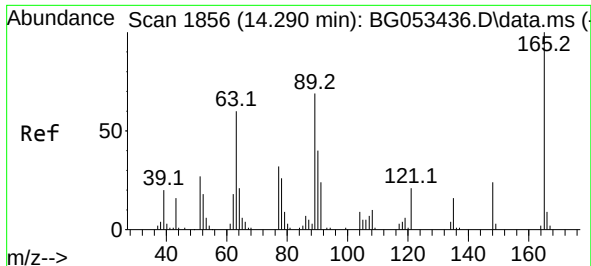
Tgt Ion:330 Resp: 5756
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 34.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 4.577 ng
RT: 13.328 min Scan# 1692
Delta R.T. 0.001 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

Tgt Ion:172 Resp: 32297
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.1 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.397 ng

RT: 14.708 min Scan# 1927

Delta R.T. 0.436 min

Lab File: BG053636.D

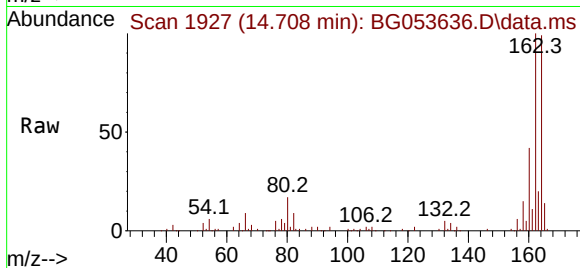
Acq: 19 May 2022 21:31

Instrument :

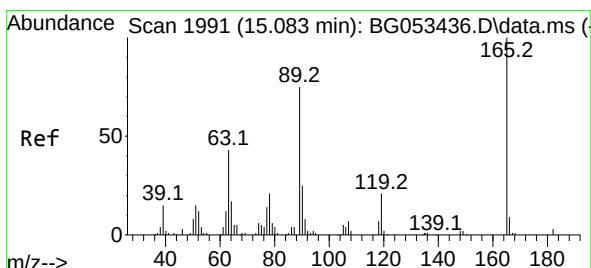
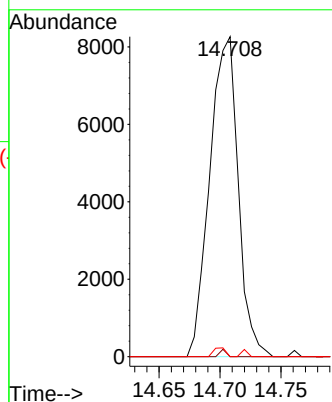
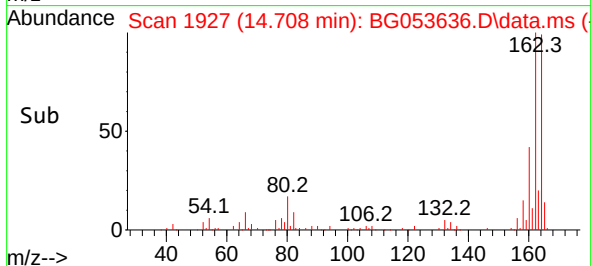
BNA_G

ClientSampleId :

P017-SS004-0006-01



Tgt Ion:	165	Resp:	13405
Ion Ratio	Lower	Upper	
165	100		
63	0.0	54.1	81.1#
89	0.0	54.8	82.2#



#57

2,4-Dinitrotoluene

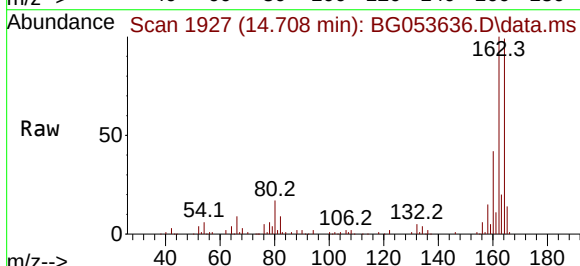
Concen: 5.793 ng

RT: 14.708 min Scan# 1927

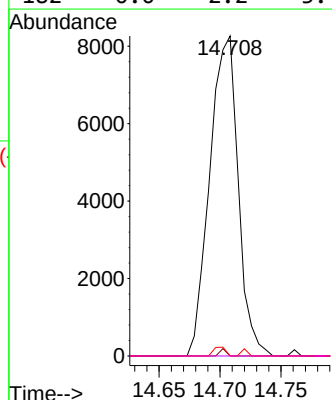
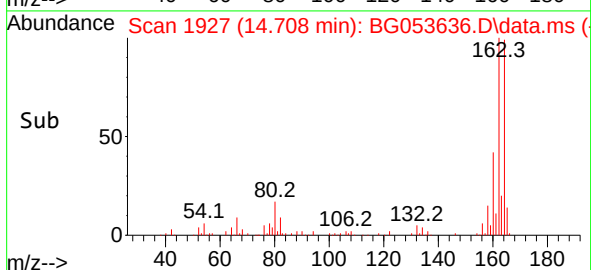
Delta R.T. -0.357 min

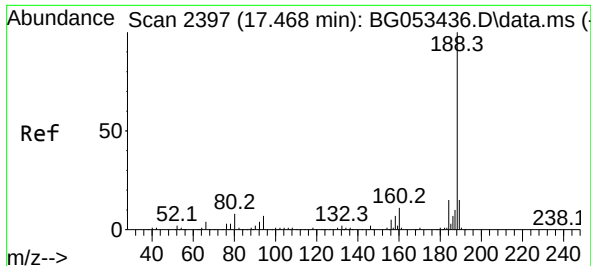
Lab File: BG053636.D

Acq: 19 May 2022 21:31



Tgt Ion:	165	Resp:	13405
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#

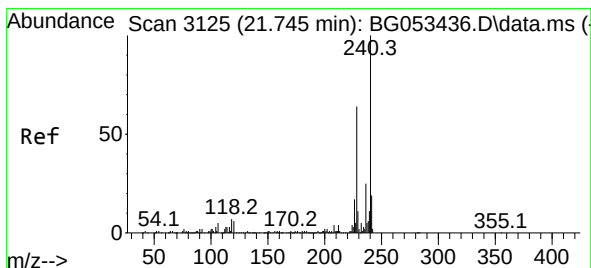
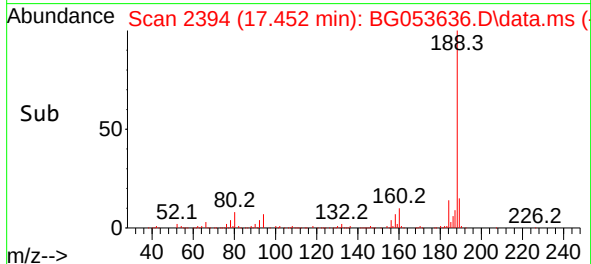
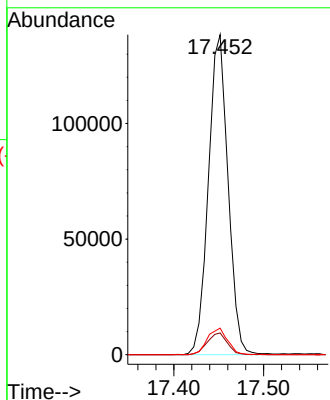
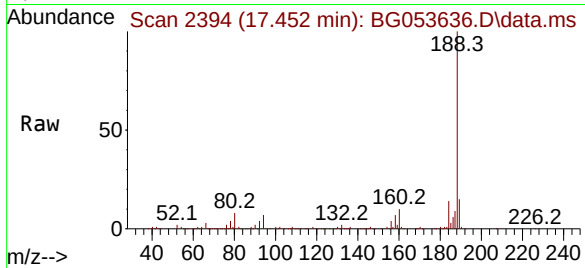




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

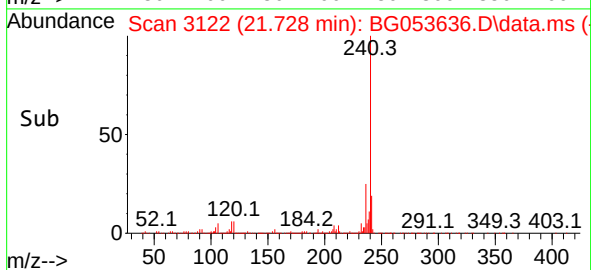
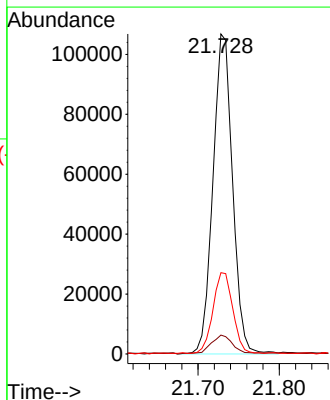
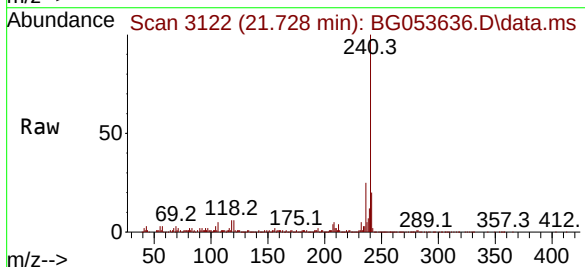
Instrument :
BNA_G
ClientSampleId :
P017-SS004-0006-01

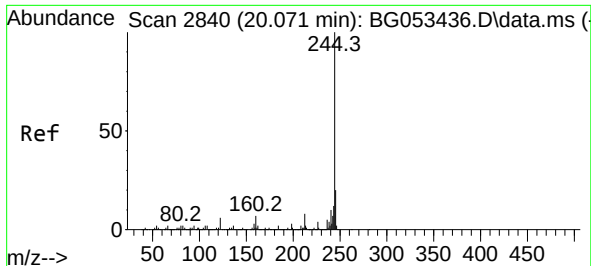
Tgt Ion:188 Resp: 210033
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053636.D
Acq: 19 May 2022 21:31

Tgt Ion:240 Resp: 179432
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.4 20.2 30.4

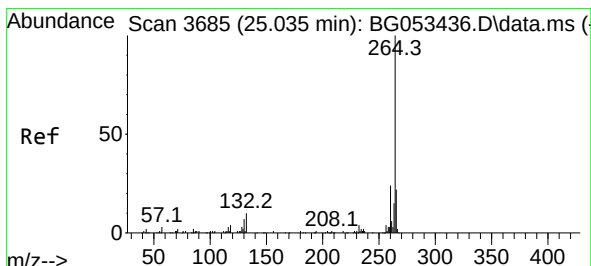
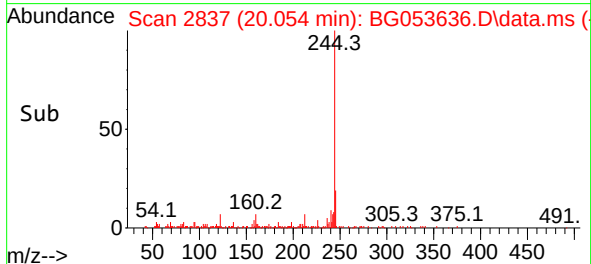
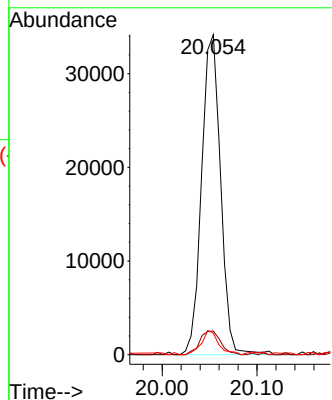
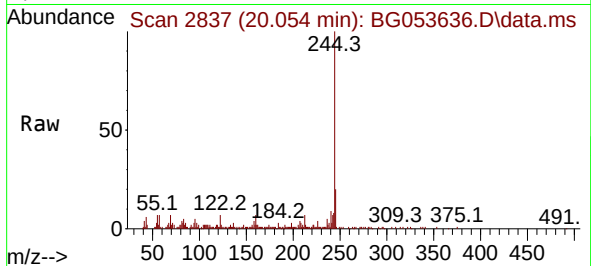




#79
 Terphenyl-d14
 Concen: 4.927 ng
 RT: 20.054 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053636.D
 Acq: 19 May 2022 21:31

Instrument :
 BNA_G
 ClientSampleId :
 P017-SS004-0006-01

Tgt Ion:244	Resp:	47466
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.5 9.7
122	6.7	5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. 0.007 min
 Lab File: BG053636.D
 Acq: 19 May 2022 21:31

Tgt Ion:264	Resp:	182438
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.0 28.6
265	21.1	17.4 26.2

