

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053633.D
 Acq On : 19 May 2022 19:32
 Operator : CG/JU
 Sample : N2877-02 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P007-SS015-0006-01

Quant Time: May 20 03:58:07 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)

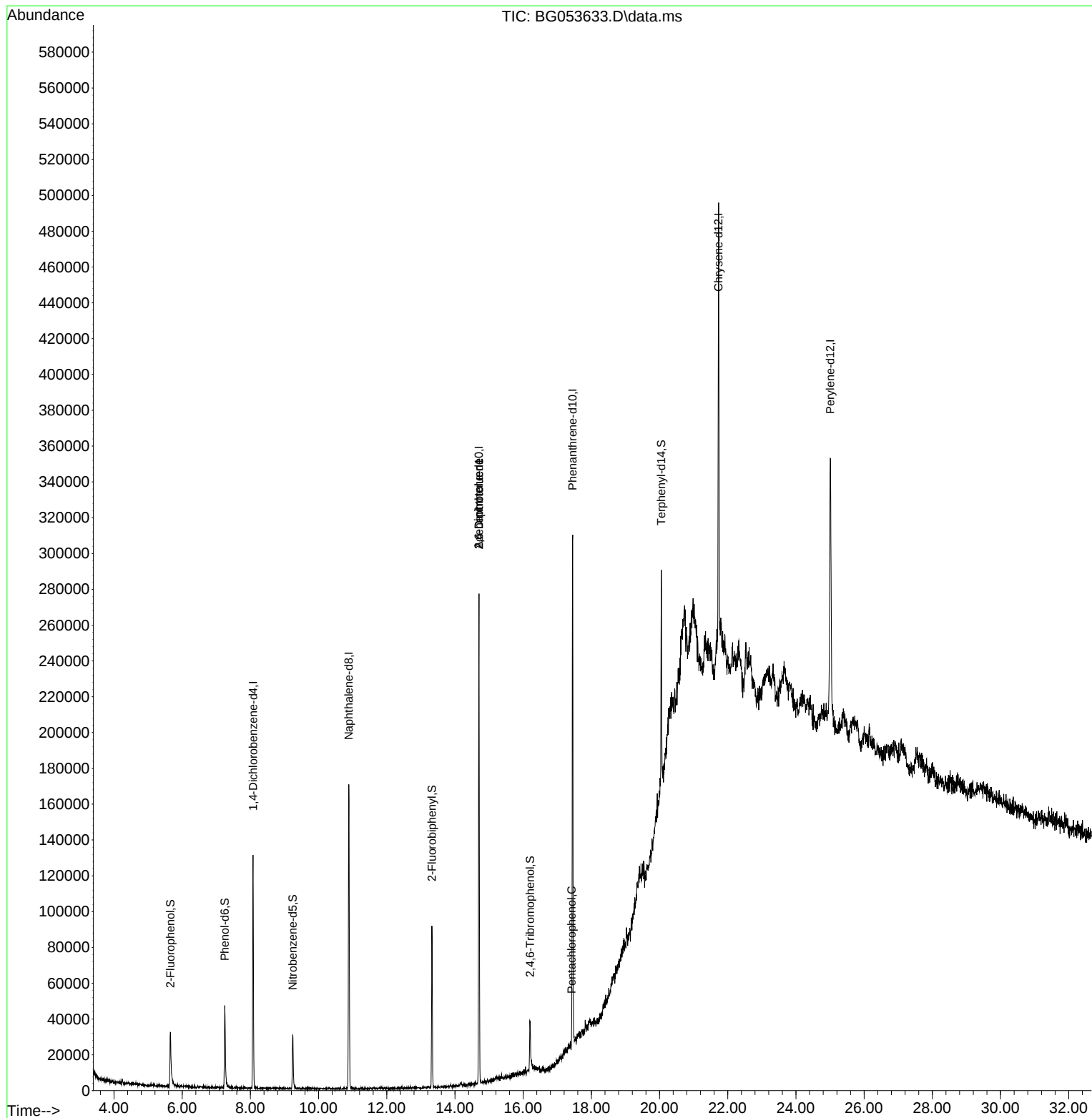
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	34676	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	140698	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	97142	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	183954	20.000	ng	0.00
76) Chrysene-d12	21.730	240	152391	20.000	ng	0.00
86) Perylene-d12	25.008	264	167968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	19006	9.302	ng	0.01
7) Phenol-d6	7.250	99	29613	9.550	ng	0.00
23) Nitrobenzene-d5	9.241	82	21375	6.467	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	8032	5.606	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	48480	7.293	ng	0.00
79) Terphenyl-d14	20.050	244	58008	7.090	ng	0.00
Target Compounds						
					Qvalue	
51) 2,6-Dinitrotoluene	14.704	165	12696	8.442	ng	# 16
57) 2,4-Dinitrotoluene	14.704	165	12696	5.824	ng	# 21
70) Pentachlorophenol	17.418	266	60	4.695	ng	# 16

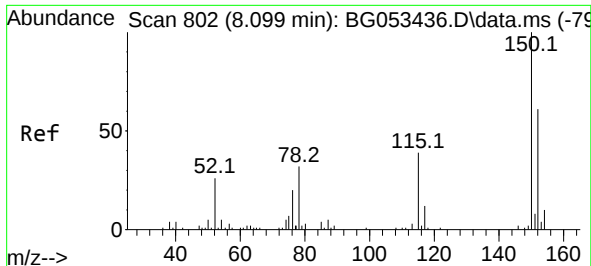
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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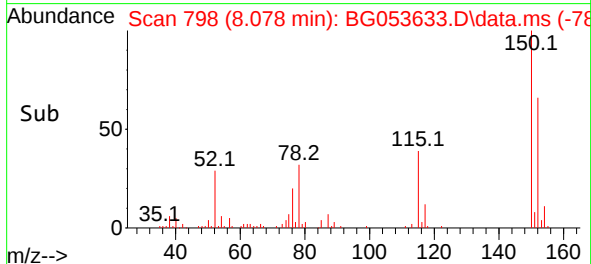
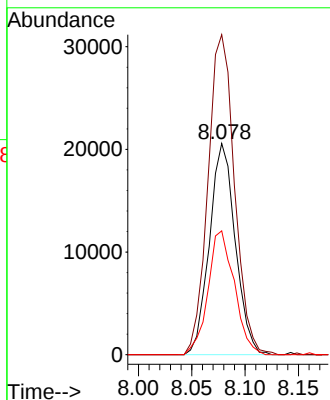
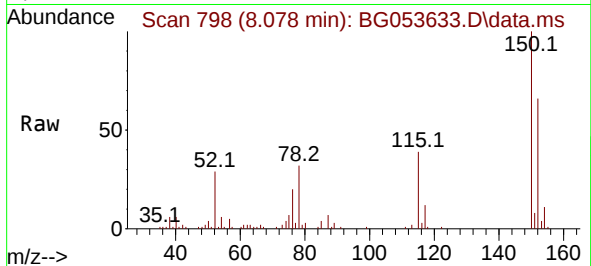




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

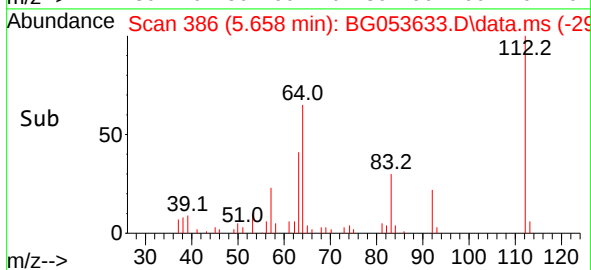
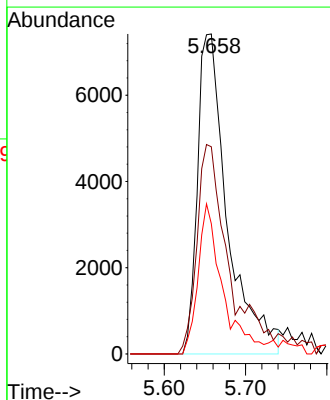
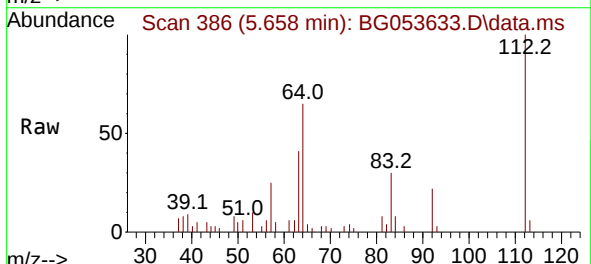
Instrument :
BNA_G
ClientSampleId :
P007-SS015-0006-01

Tgt Ion:152 Resp: 34676
Ion Ratio Lower Upper
152 100
150 151.5 131.6 197.4
115 58.6 50.9 76.3



#5
2-Fluorophenol
Concen: 9.302 ng
RT: 5.658 min Scan# 386
Delta R.T. 0.015 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

Tgt Ion:112 Resp: 19006
Ion Ratio Lower Upper
112 100
64 64.7 55.1 82.7
63 40.7 30.4 45.6

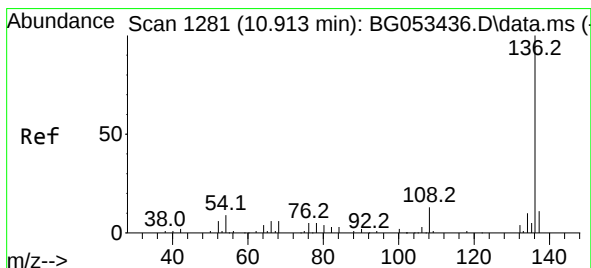
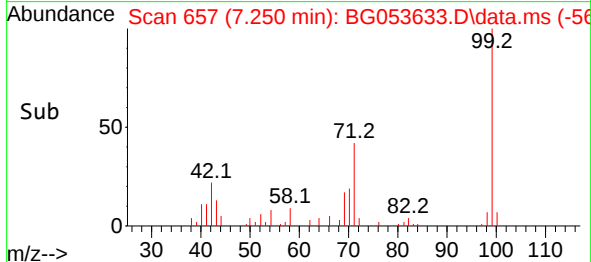
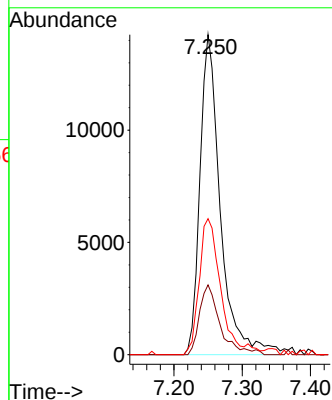
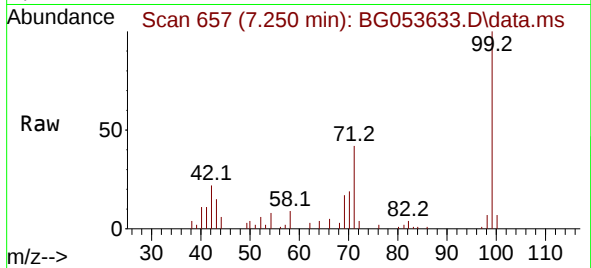




#7
Phenol-d6
Concen: 9.550 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

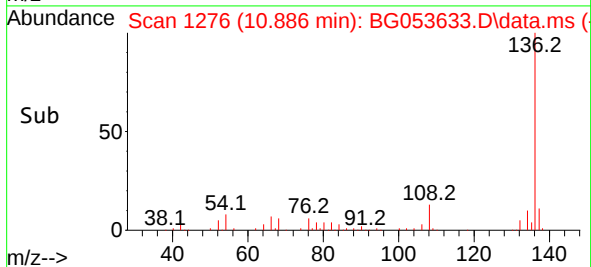
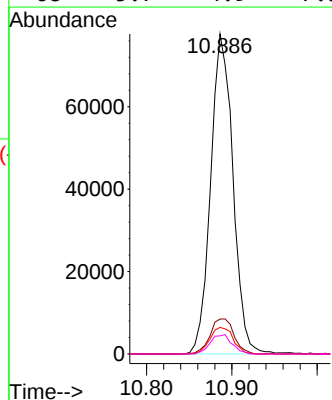
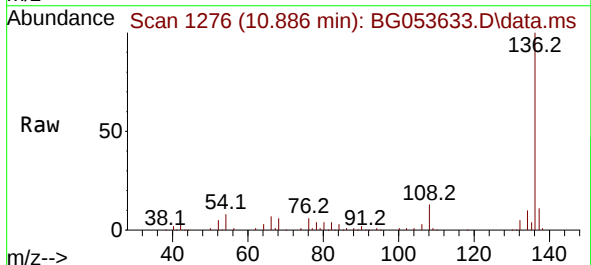
Instrument :
BNA_G
ClientSampleId :
P007-SS015-0006-01

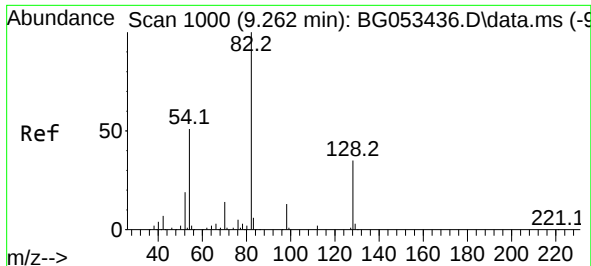
Tgt Ion: 99 Resp: 29613
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 42.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1276
Delta R.T. 0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

Tgt Ion: 136 Resp: 140698
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 8.3 7.4 11.2
68 5.7 4.9 7.3

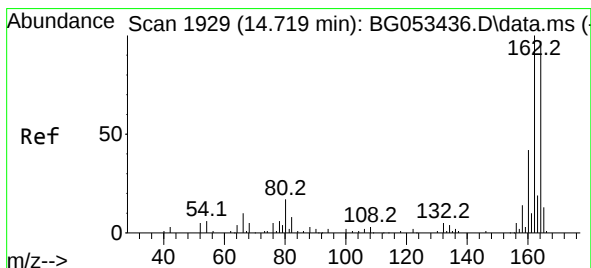
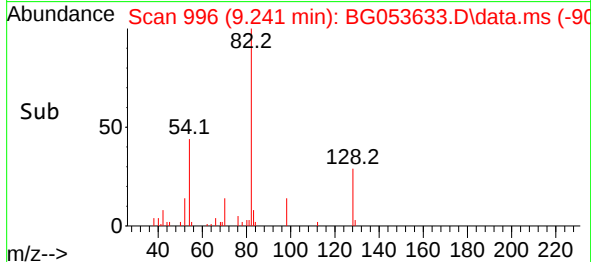
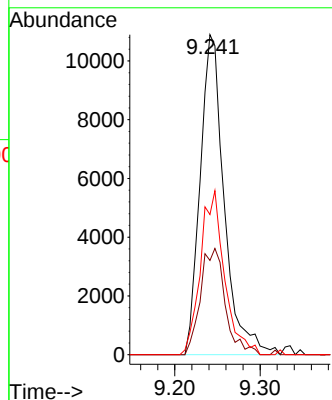
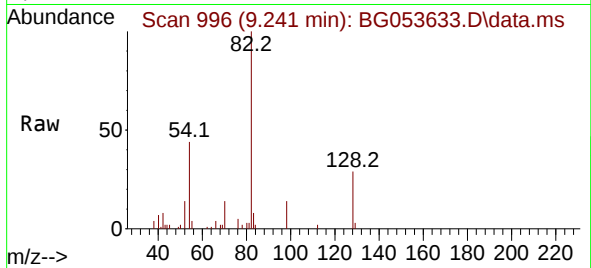




#23
Nitrobenzene-d5
Concen: 6.467 ng
RT: 9.241 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

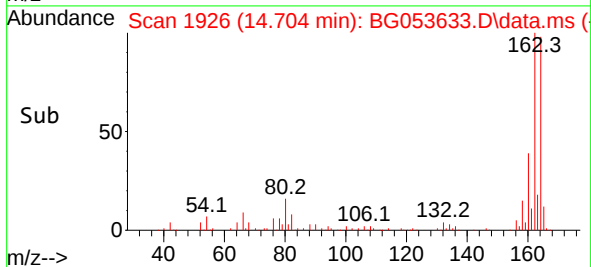
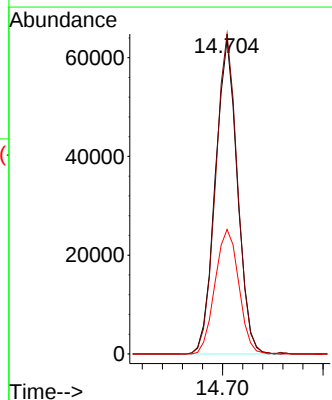
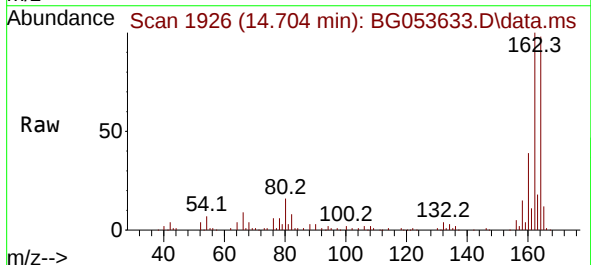
Instrument :
BNA_G
ClientSampleId :
P007-SS015-0006-01

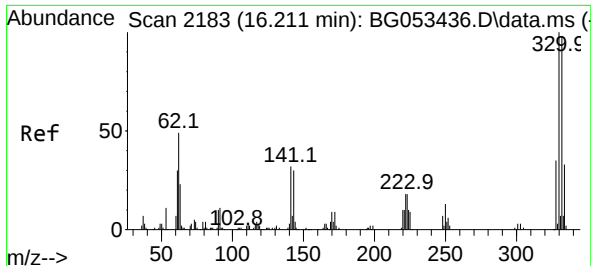
Tgt Ion: 82 Resp: 21375
Ion Ratio Lower Upper
82 100
128 29.4 27.9 41.9
54 43.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

Tgt Ion: 164 Resp: 97142
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 39.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 5.606 ng

RT: 16.202 min Scan# 2183

Delta R.T. 0.009 min

Lab File: BG053633.D

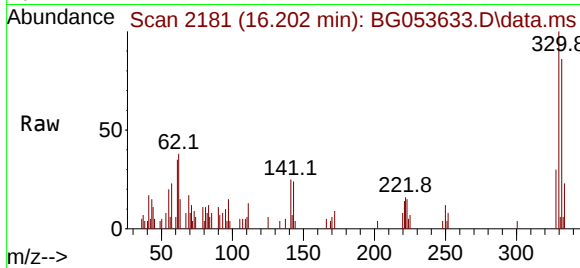
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Instrument :

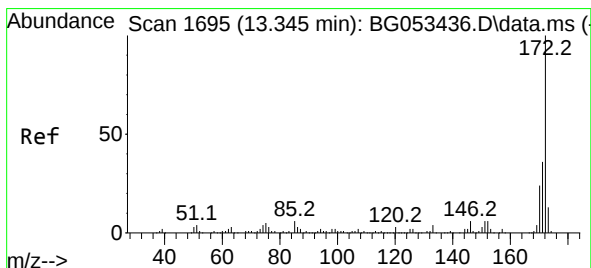
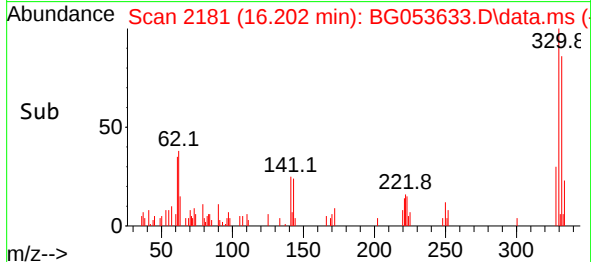
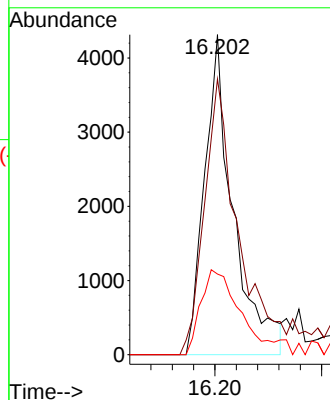
BNA_G

ClientSampleId :

P007-SS015-0006-01



Tgt Ion:	330	Resp:	8032
Ion Ratio	Lower	Upper	
330	100		
332	101.7	76.0	114.0
141	37.7	27.1	40.7



#45

2-Fluorobiphenyl

Concen: 7.293 ng

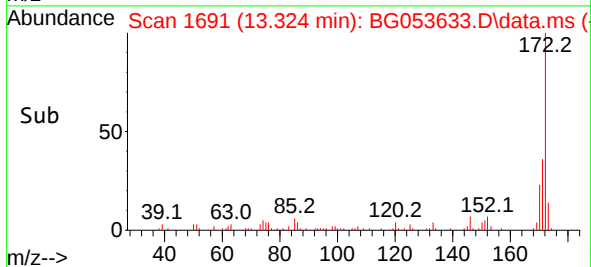
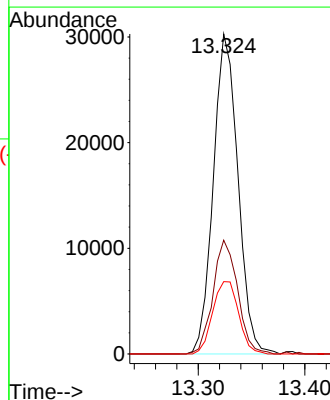
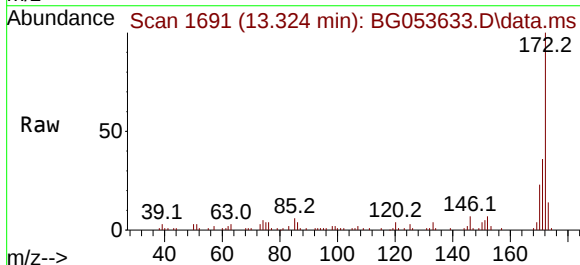
RT: 13.324 min Scan# 1691

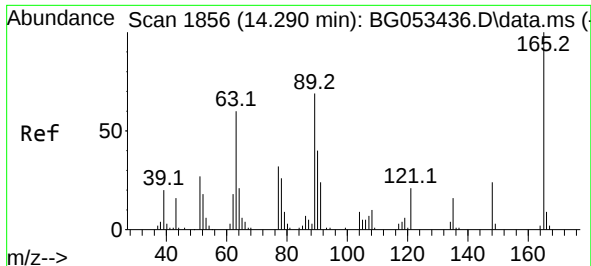
Delta R.T. -0.003 min

Lab File: BG053633.D

Acq: 19 May 2022 19:32

Tgt Ion:	172	Resp:	48480
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.5	42.7
170	22.6	18.9	28.3

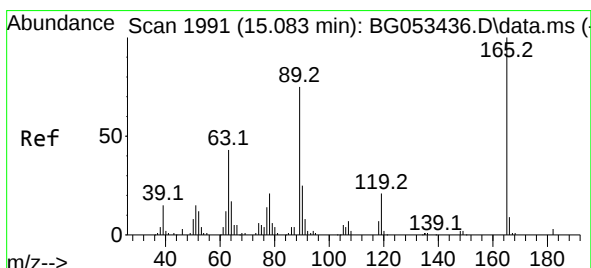
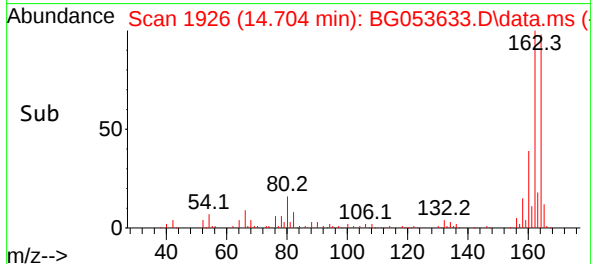
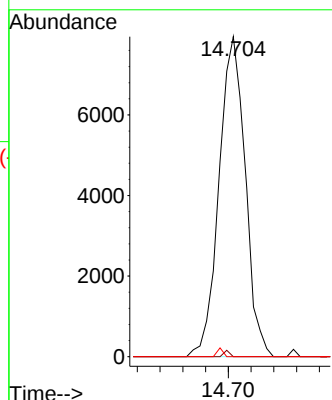
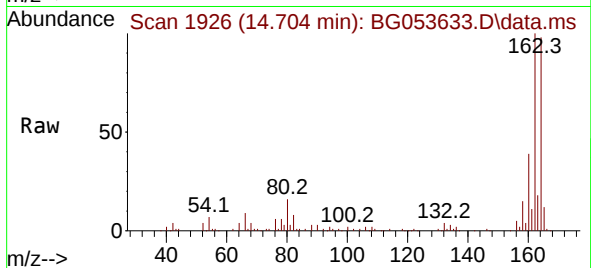




#51
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 14.704 min Scan# 1926
Delta R.T. 0.432 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

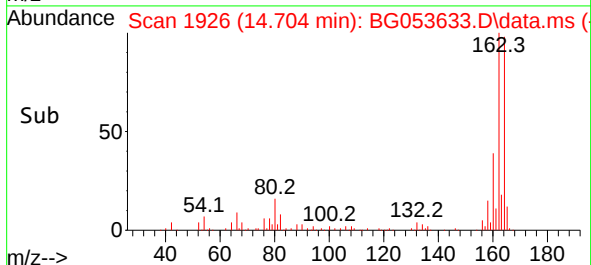
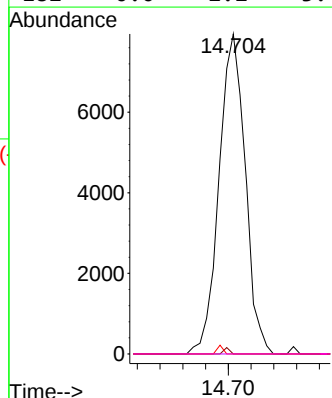
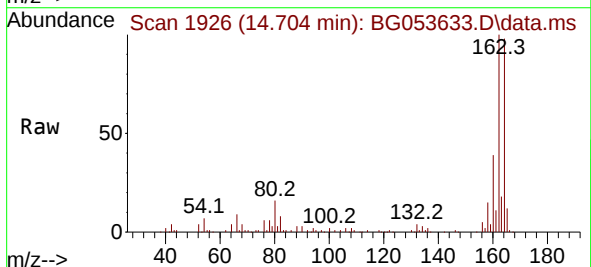
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P007-SS015-0006-01

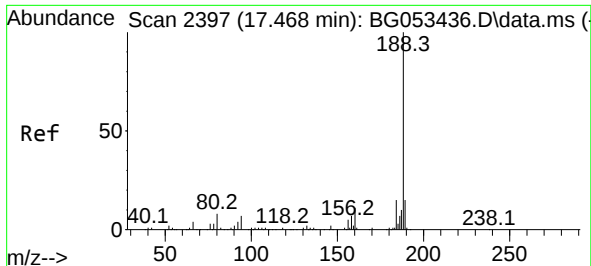
Tgt Ion:165 Resp: 12696
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.824 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.361 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

Tgt Ion:165 Resp: 12696
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#

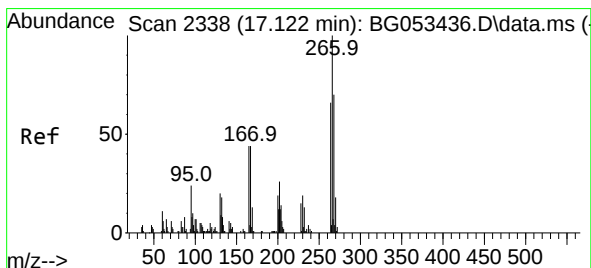
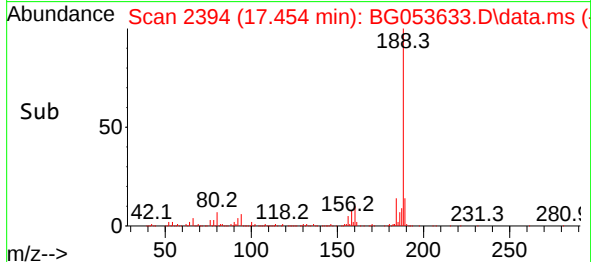
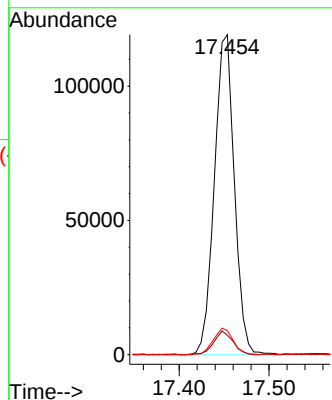
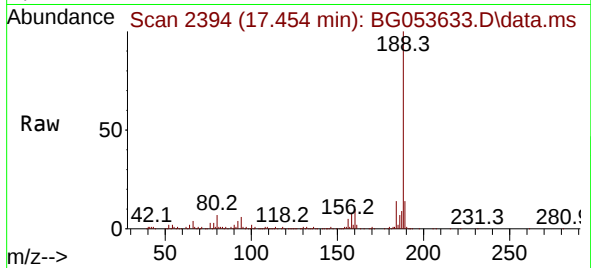




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

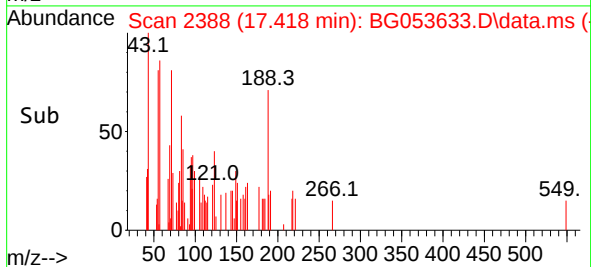
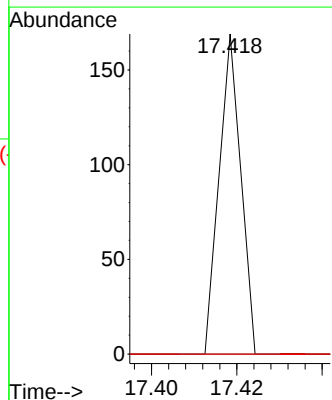
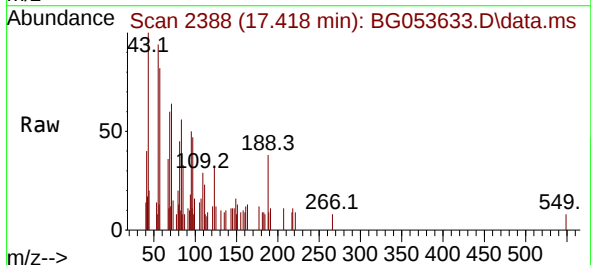
Instrument :
BNA_G
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P007-SS015-0006-01

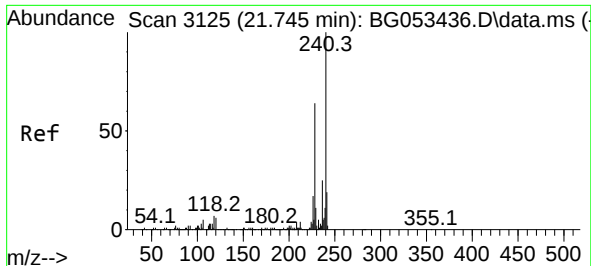
Tgt Ion:188 Resp: 183954
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.5 6.8 10.2



#70
Pentachlorophenol
Concen: 4.695 ng
RT: 17.418 min Scan# 2388
Delta R.T. 0.309 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

Tgt Ion:266 Resp: 60
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

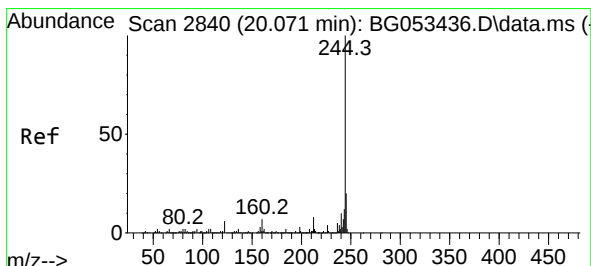
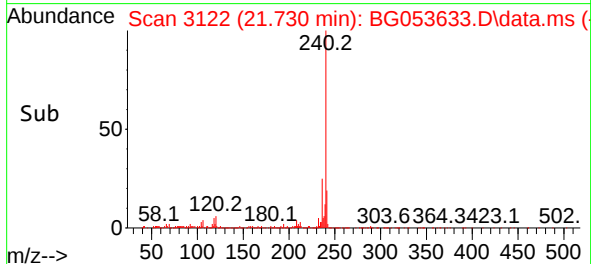
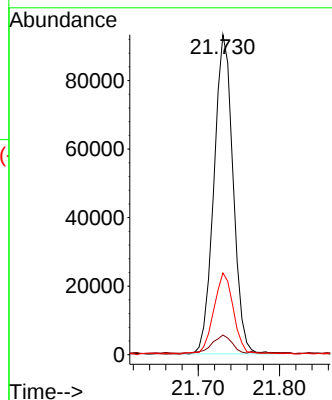
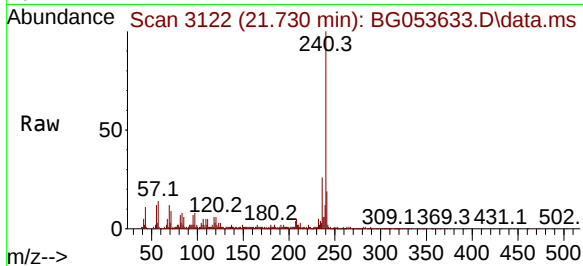




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

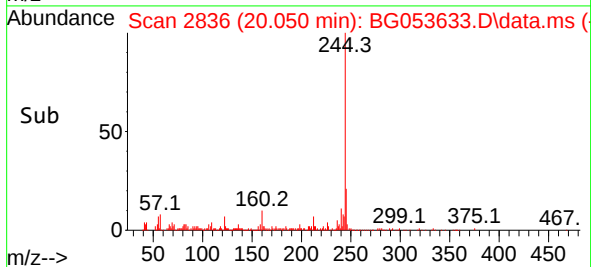
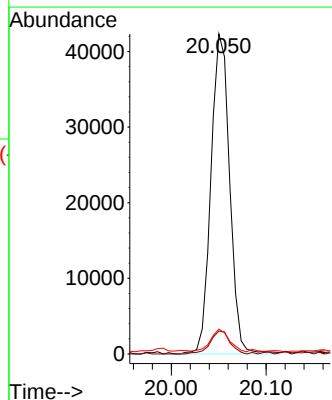
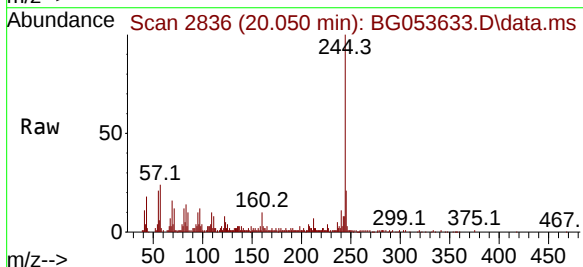
Instrument :
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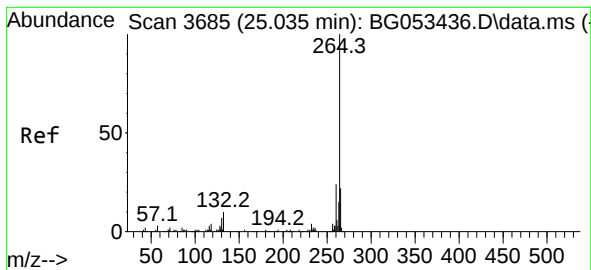
Tgt Ion:240 Resp: 152391
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 25.5 20.2 30.4



#79
Terphenyl-d14
Concen: 7.090 ng
RT: 20.050 min Scan# 2836
Delta R.T. -0.003 min
Lab File: BG053633.D
Acq: 19 May 2022 19:32

Tgt Ion:244 Resp: 58008
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 7.7 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.008 min Scan# 30

Delta R.T. 0.003 min

Lab File: BG053633.D

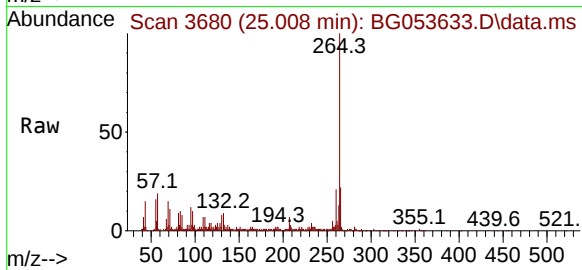
Acq: 19 May 2022 19:32

Instrument :

BNA_G

ClientSampleId :

P007-SS015-0006-01



Tgt Ion:264 Resp: 167968

Ion Ratio Lower Upper

264 100

260 21.5 19.0 28.6

265 21.7 17.4 26.2

