

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054594.D
 Acq On : 10 Aug 2022 18:53
 Operator : CG/JU
 Sample : N3971-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GES-1

Quant Time: Aug 10 21:45:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

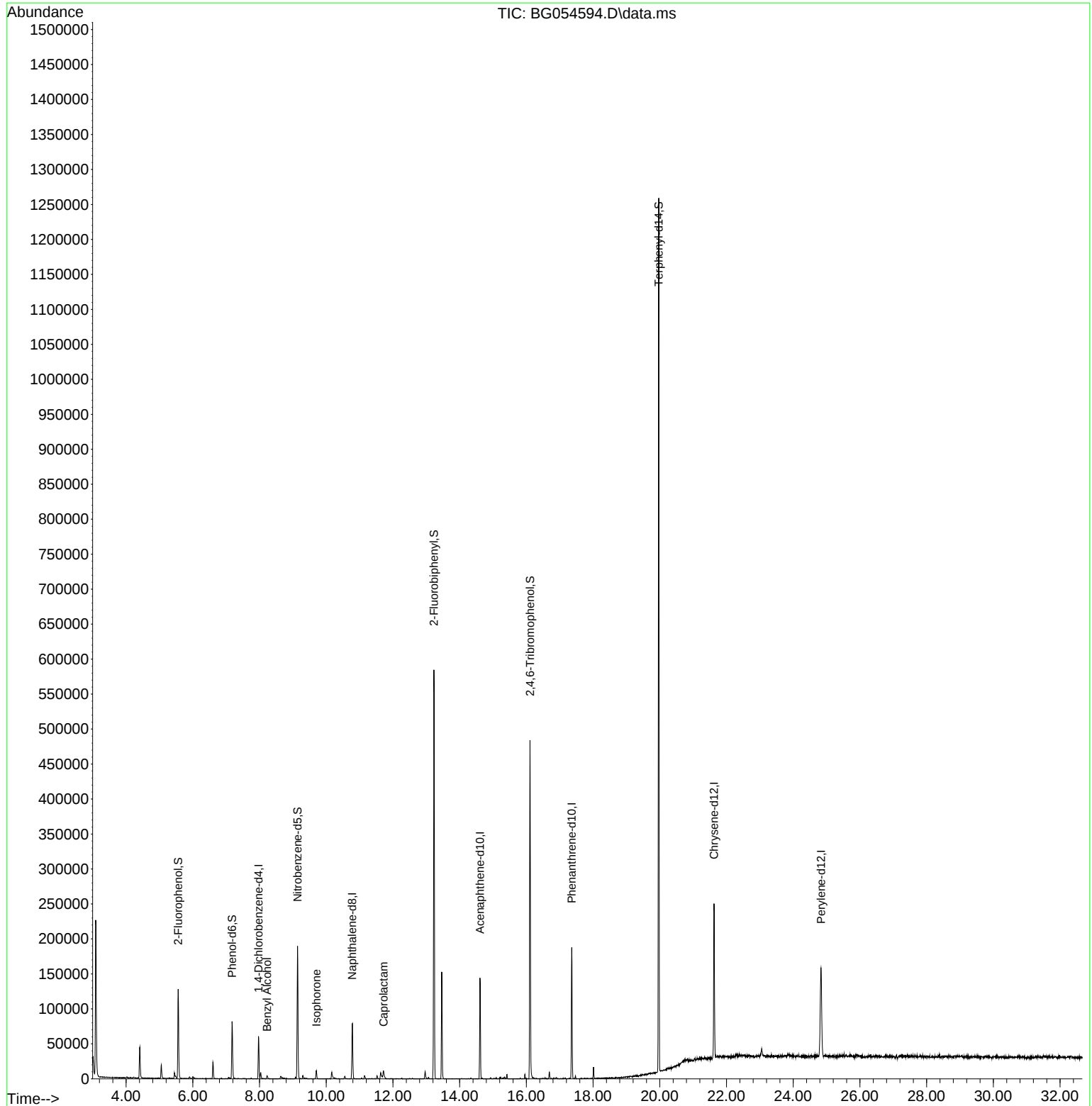
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	18985	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	73480	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	55565	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	137808	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	151745	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	161139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	60396	66.421	ng	0.00
7) Phenol-d6	7.177	99	49185	39.476	ng	0.00
23) Nitrobenzene-d5	9.140	82	116294	86.187	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	132803	113.832	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	332494	84.414	ng	0.00
79) Terphenyl-d14	19.968	244	707778	92.530	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.223	79	2469	2.409	ng	# 88
25) Isophorone	9.704	82	8682	3.700	ng	# 92
35) Caprolactam	11.719	113	2385	6.834	ng	95

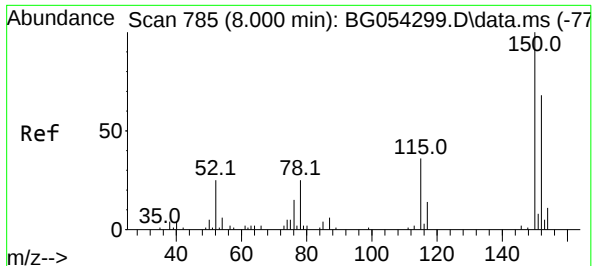
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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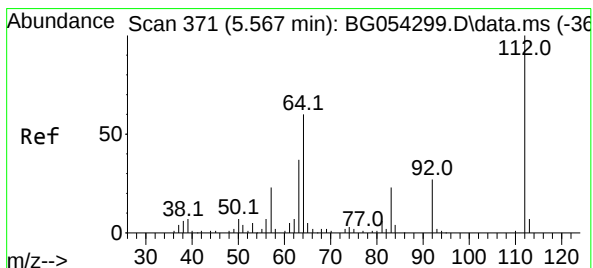
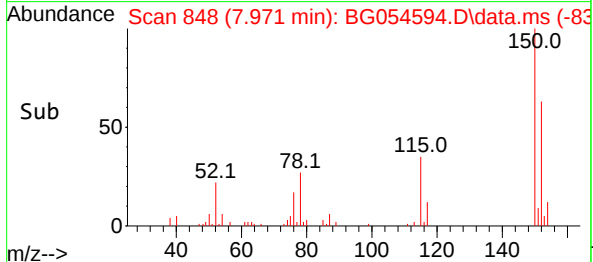
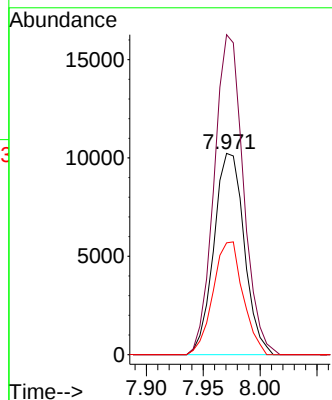
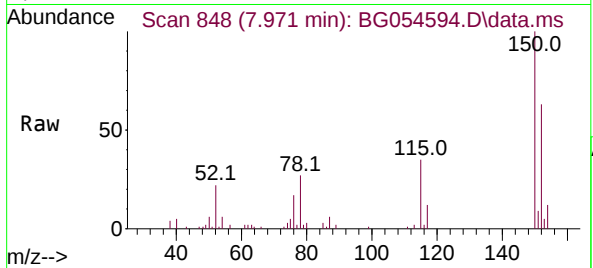




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

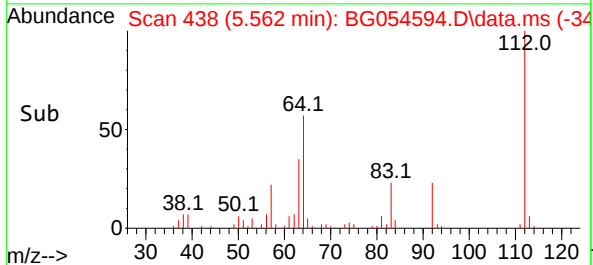
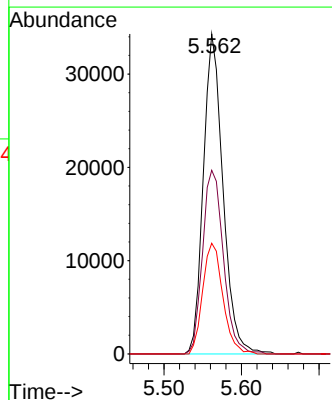
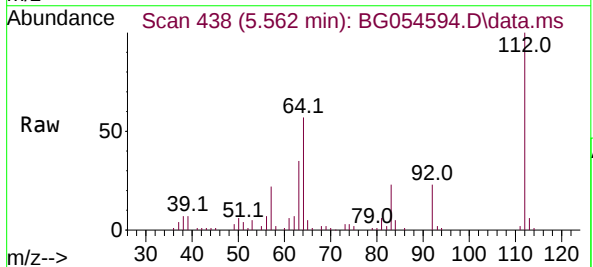
Instrument :
BNA_G
ClientSampleId :
GES-1

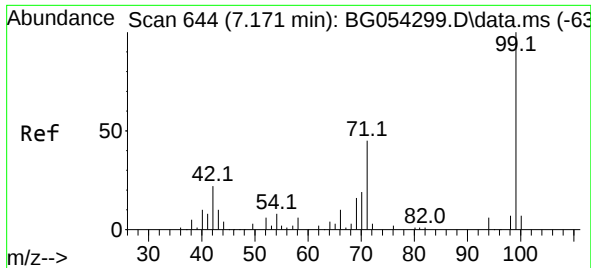
Tgt Ion:152 Resp: 18985
Ion Ratio Lower Upper
152 100
150 159.1 131.6 197.4
115 55.5 50.9 76.3



#5
2-Fluorophenol
Concen: 66.421 ng
RT: 5.562 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:112 Resp: 60396
Ion Ratio Lower Upper
112 100
64 57.4 55.1 82.7
63 34.6 30.4 45.6

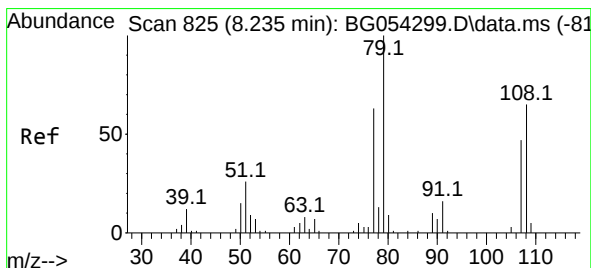
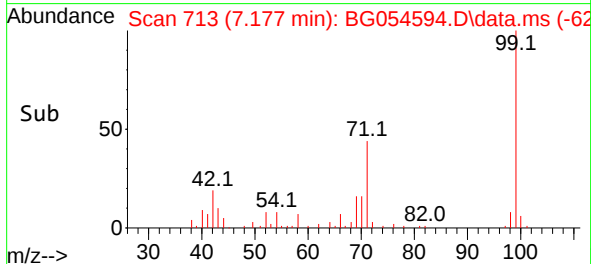
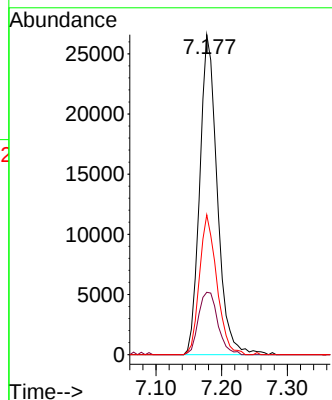
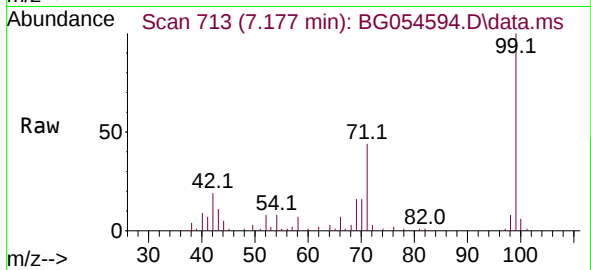




#7
Phenol-d6
Concen: 39.476 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

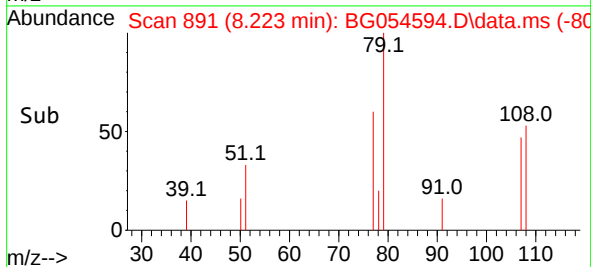
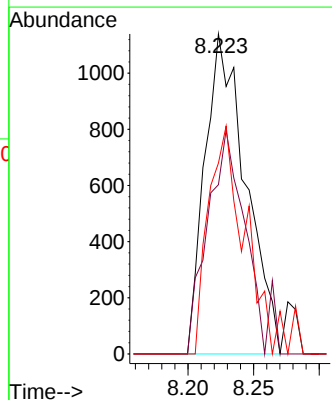
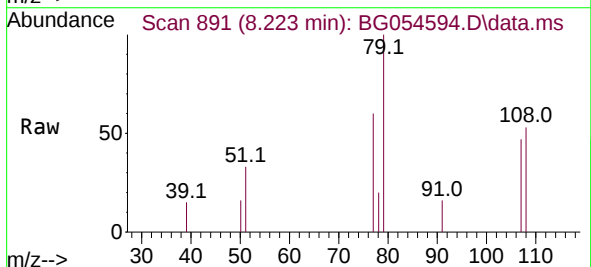
Instrument :
BNA_G
ClientSampleId :
GES-1

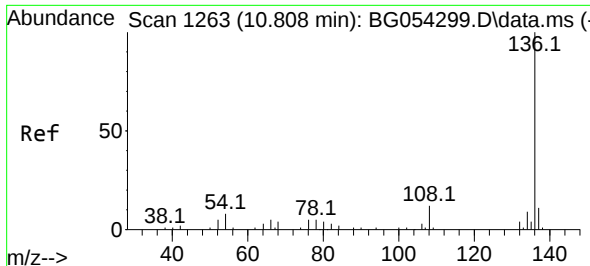
Tgt Ion: 99 Resp: 49185
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 43.7 33.8 50.8



#15
Benzyl Alcohol
Concen: 2.409 ng
RT: 8.223 min Scan# 891
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion: 79 Resp: 2469
Ion Ratio Lower Upper
79 100
108 52.9 53.7 80.5#
77 59.6 52.2 78.4

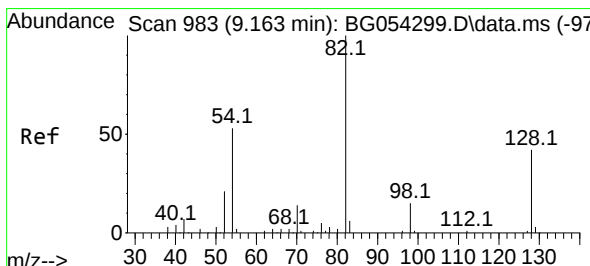
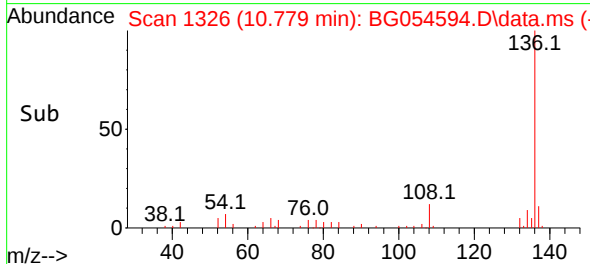
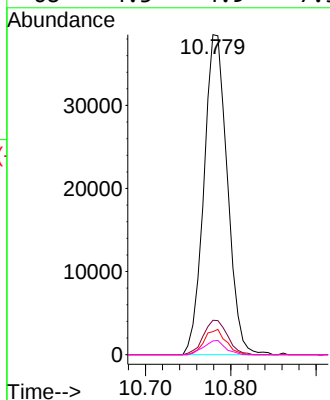
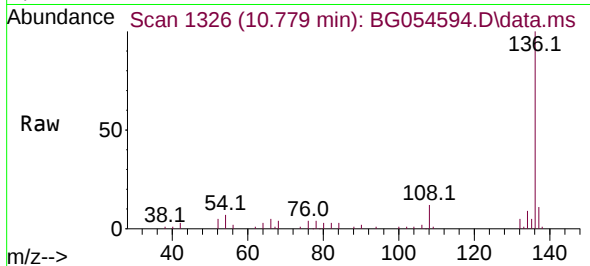




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

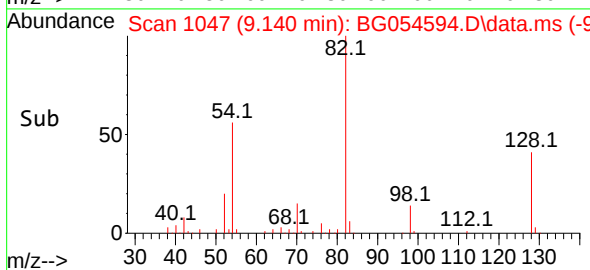
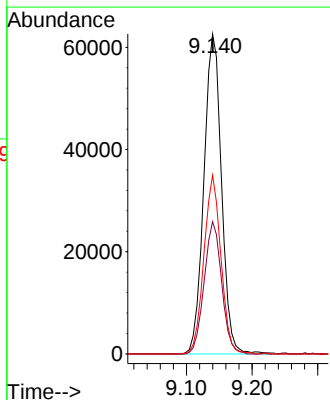
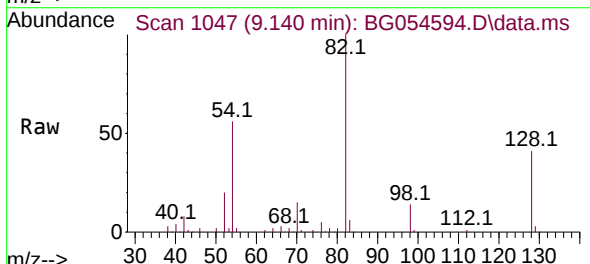
Instrument :
BNA_G
ClientSampleId :
GES-1

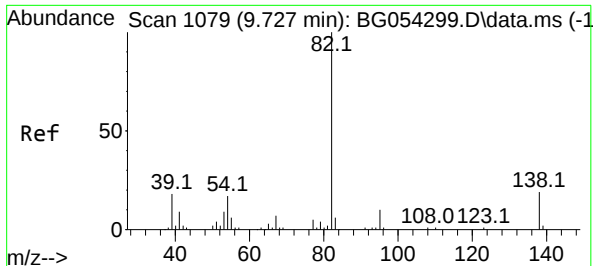
Tgt Ion:	136	Resp:	73480
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	7.2	7.4	11.2#
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 86.187 ng
RT: 9.140 min Scan# 1047
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:	82	Resp:	116294
Ion Ratio	Lower	Upper	
82	100		
128	41.3	27.9	41.9
54	55.9	41.2	61.8

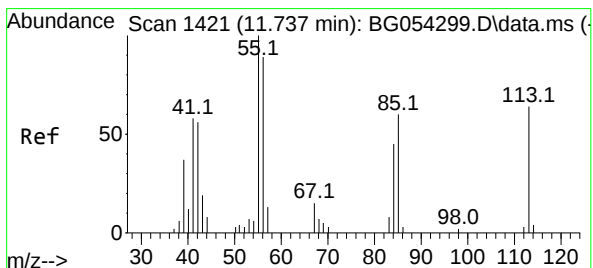
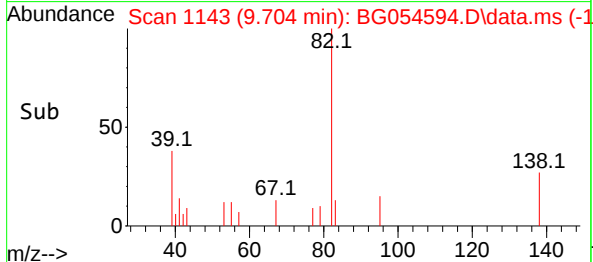
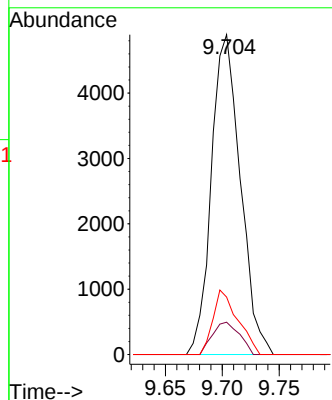
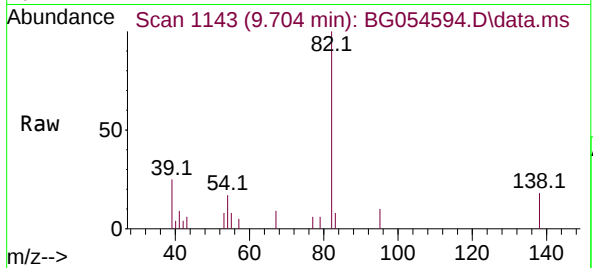




#25
Isophorone
Concen: 3.700 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

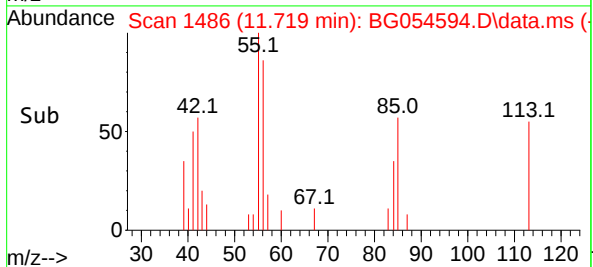
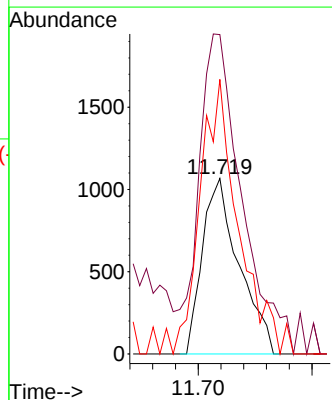
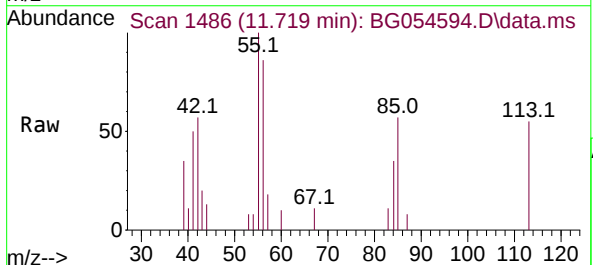
Instrument :
BNA_G
ClientSampleId :
GES-1

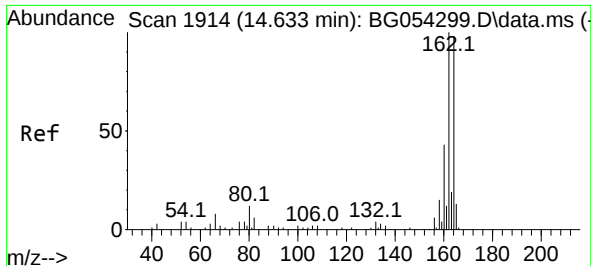
Tgt Ion: 82 Resp: 8682
Ion Ratio Lower Upper
82 100
95 10.1 6.2 9.4#
138 18.0 11.6 17.4#



#35
Caprolactam
Concen: 6.834 ng
RT: 11.719 min Scan# 1486
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion: 113 Resp: 2385
Ion Ratio Lower Upper
113 100
55 182.0 169.8 209.8
56 156.4 141.2 181.2

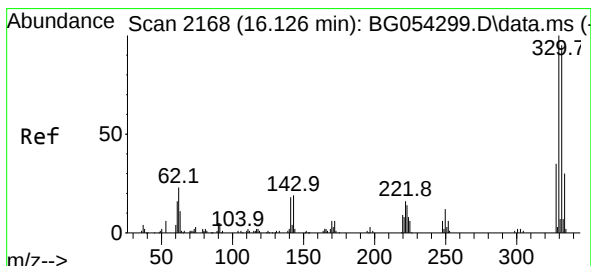
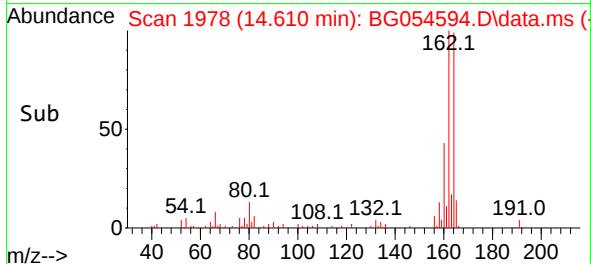
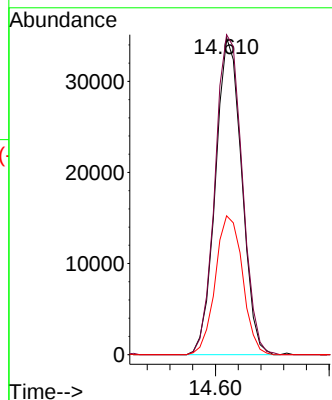
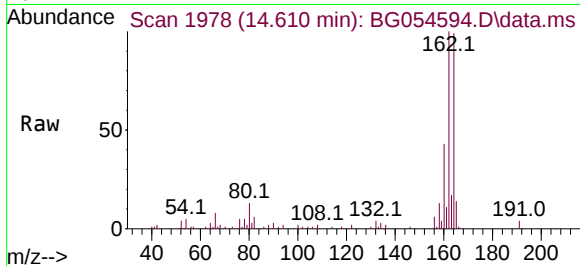




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1914
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

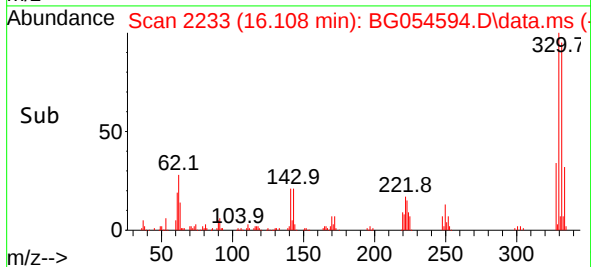
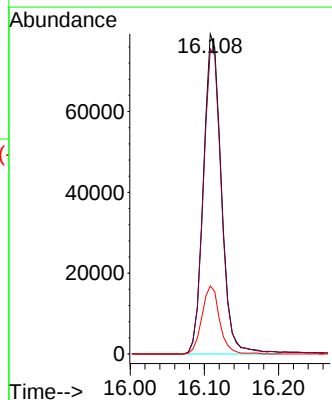
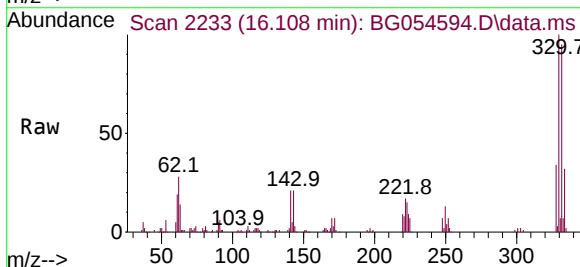
Instrument :
BNA_G
ClientSampleId :
GES-1

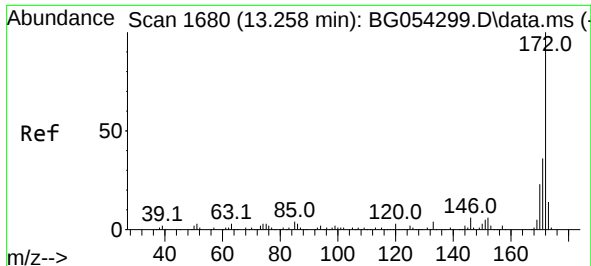
Tgt Ion:164 Resp: 55565
Ion Ratio Lower Upper
164 100
162 100.9 82.3 123.5
160 43.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 113.832 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:330 Resp: 132803
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 20.8 27.1 40.7#

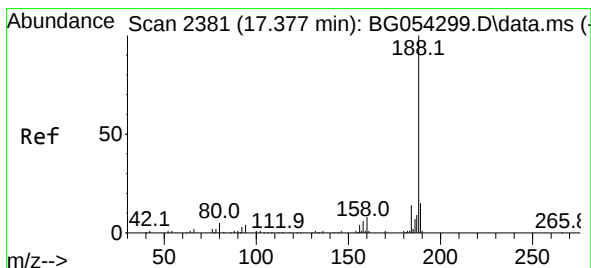
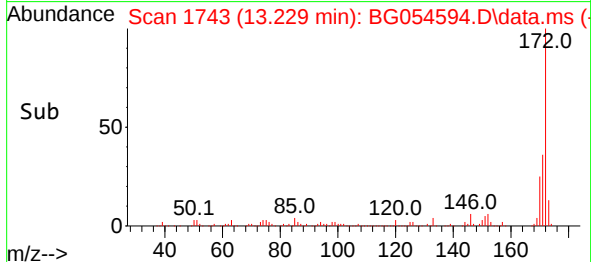
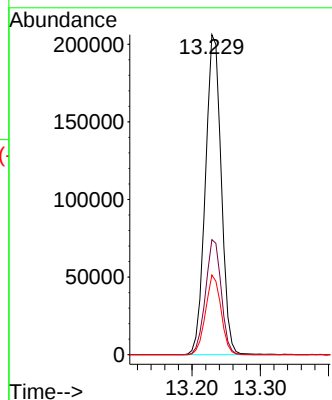
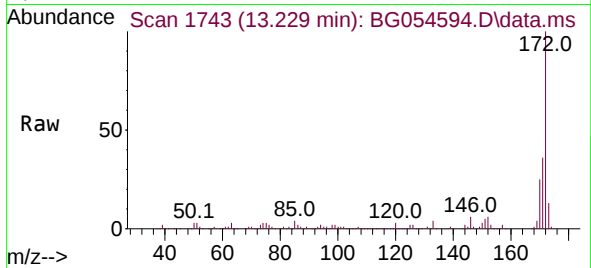




#45
2-Fluorobiphenyl
Concen: 84.414 ng
RT: 13.229 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

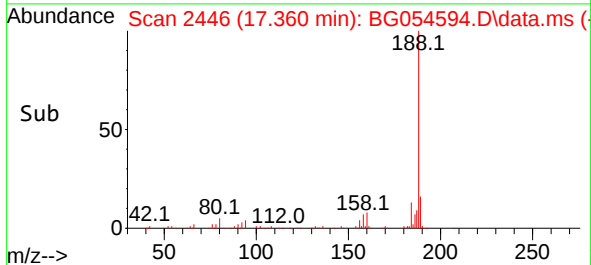
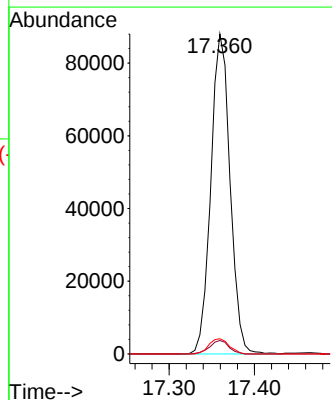
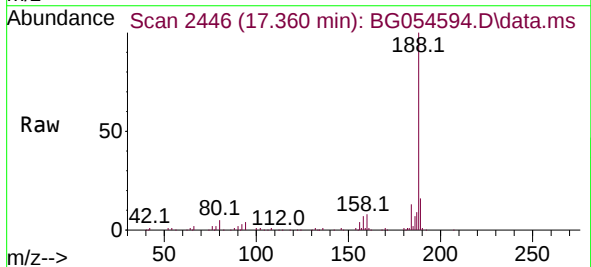
Instrument :
BNA_G
ClientSampleId :
GES-1

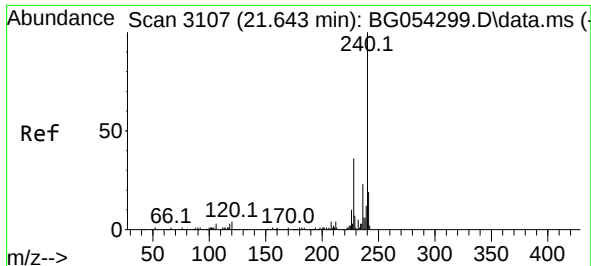
Tgt Ion:172 Resp: 332494
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Tgt Ion:188 Resp: 137808
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.7 6.8 10.2#

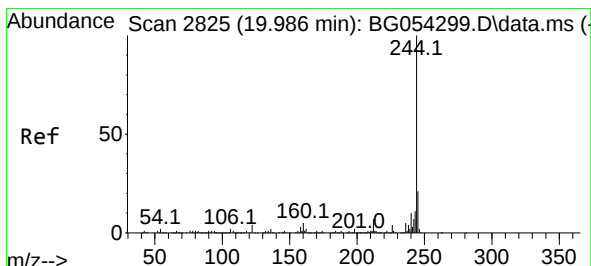
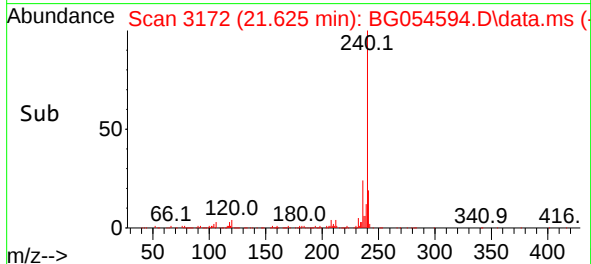
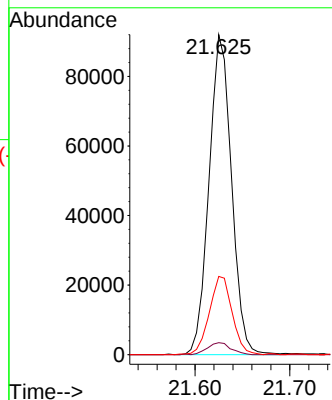
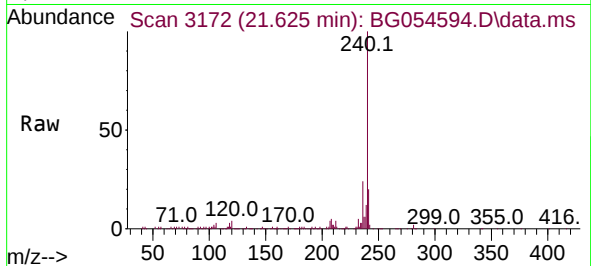




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

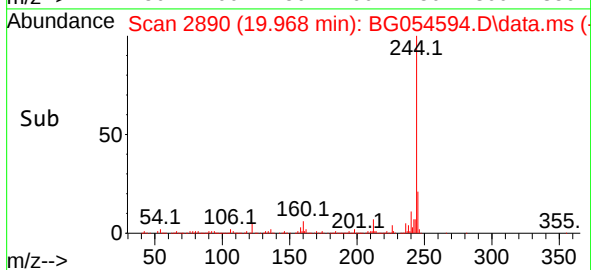
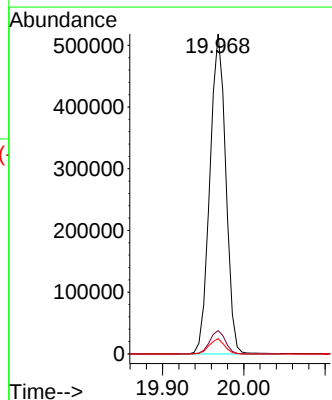
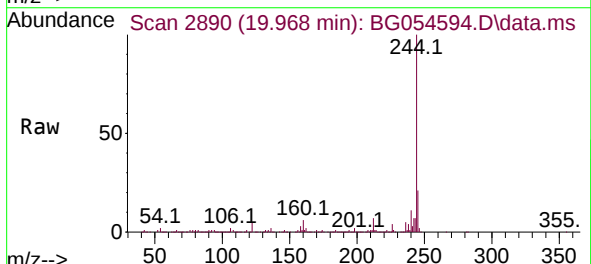
Instrument :
BNA_G
ClientSampleId :
GES-1

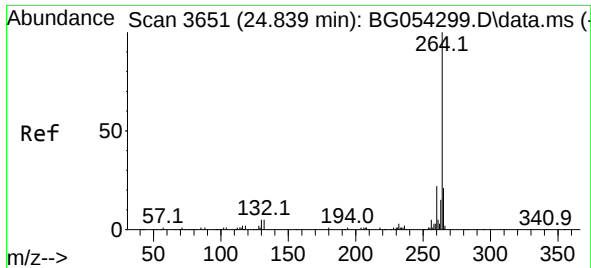
Tgt Ion:240 Resp: 151745
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 24.4 20.2 30.4



#79
Terphenyl-d14
Concen: 92.530 ng
RT: 19.968 min Scan# 2890
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

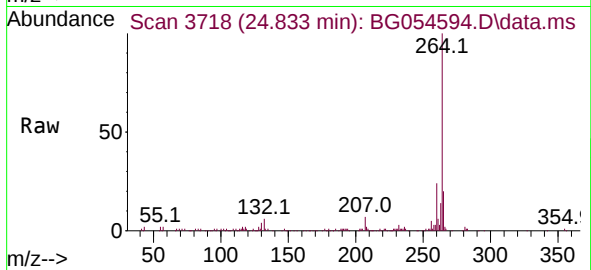
Tgt Ion:244 Resp: 707778
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 4.8 5.0 7.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.833 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG054594.D
Acq: 10 Aug 2022 18:53

Instrument :
BNA_G
ClientSampleId :
GES-1



Tgt Ion:264 Resp: 161139

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.5	17.4	26.2

