

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054595.D
 Acq On : 10 Aug 2022 19:35
 Operator : CG/JU
 Sample : N3971-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GES-2R

Quant Time: Aug 10 21:45:57 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)

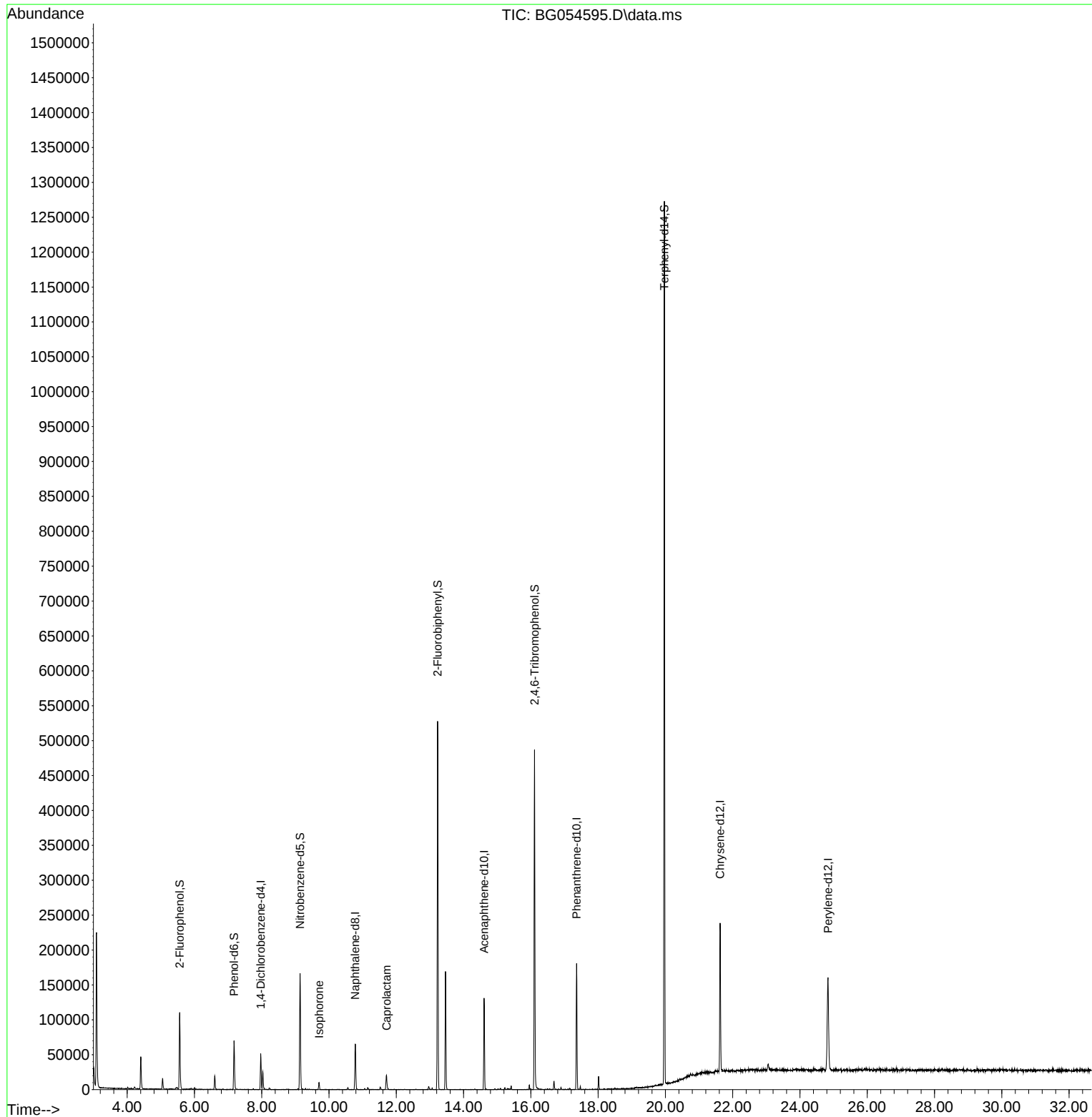
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	15828	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	62812	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	50245	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	132496	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	150904	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	158833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	52354	69.061	ng	0.00
7) Phenol-d6	7.177	99	42359	40.778	ng	0.00
23) Nitrobenzene-d5	9.139	82	104031	90.193	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	132494	125.592	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	307203	86.251	ng	0.00
79) Terphenyl-d14	19.968	244	724646	95.263	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.704	82	7642	3.810	ng	# 86
35) Caprolactam	11.707	113	4449	14.914	ng	# 89

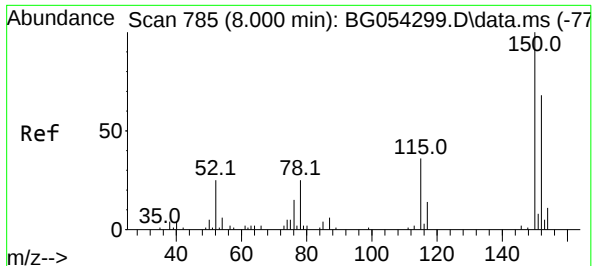
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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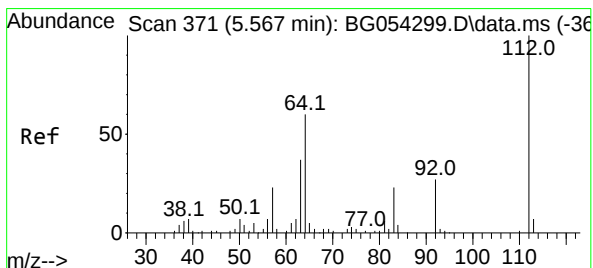
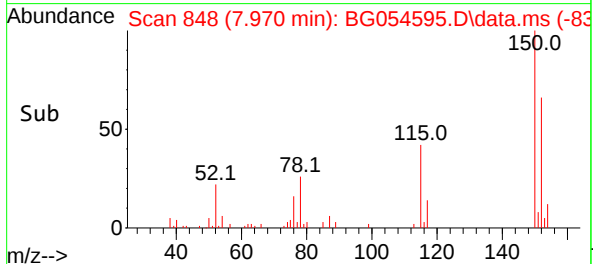
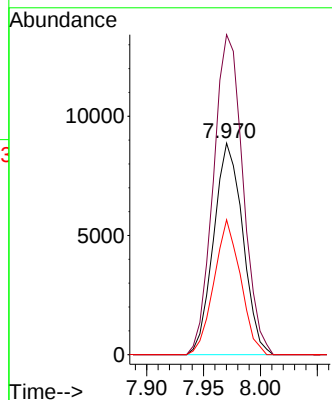
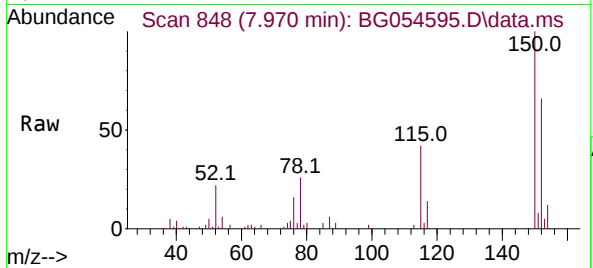




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

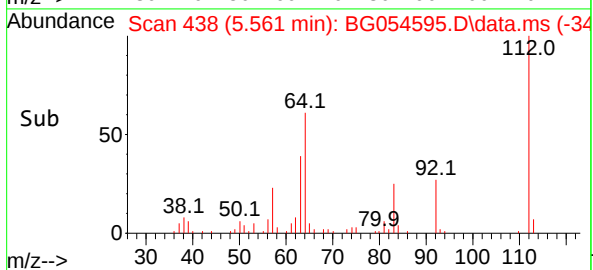
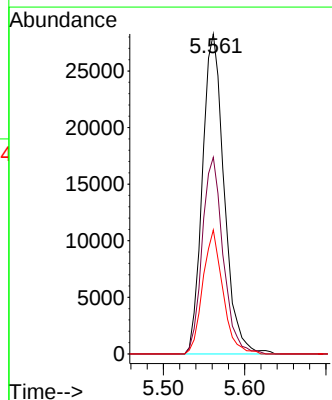
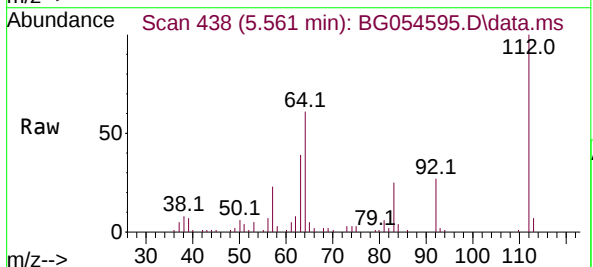
Instrument :
BNA_G
ClientSampleId :
GES-2R

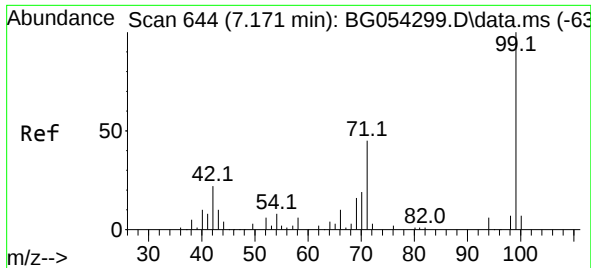
Tgt Ion:152 Resp: 15828
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 63.8 50.9 76.3



#5
2-Fluorophenol
Concen: 69.061 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.002 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

Tgt Ion:112 Resp: 52354
Ion Ratio Lower Upper
112 100
64 61.4 55.1 82.7
63 38.7 30.4 45.6

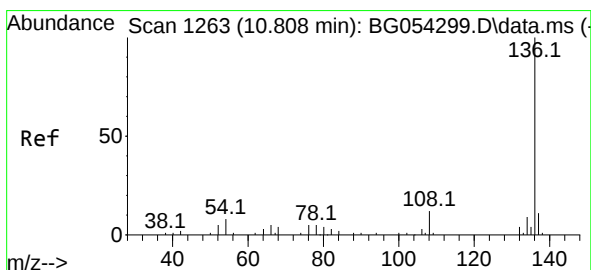
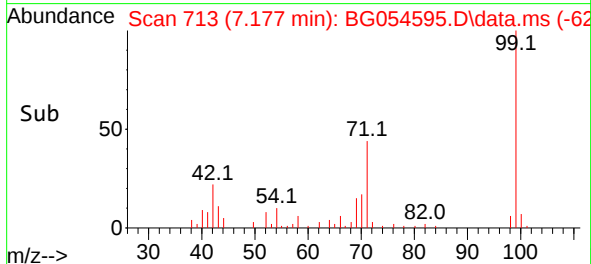
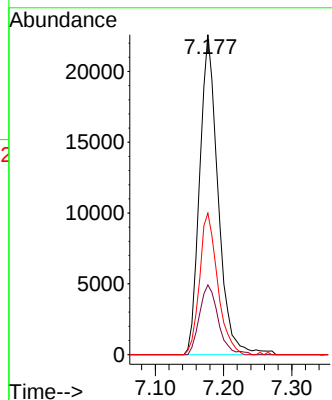
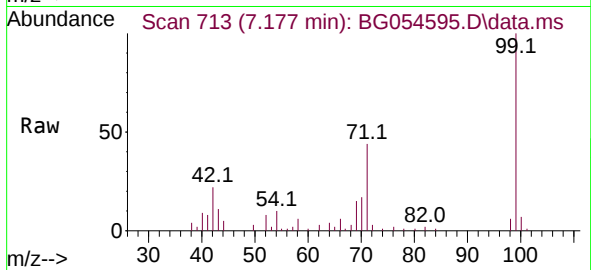




#7
Phenol-d6
Concen: 40.778 ng
RT: 7.177 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

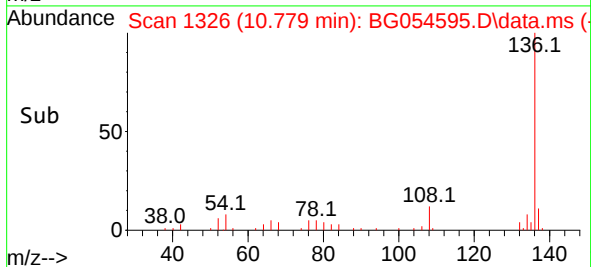
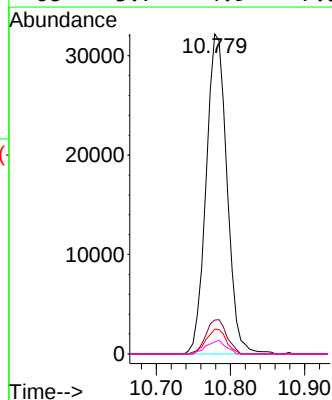
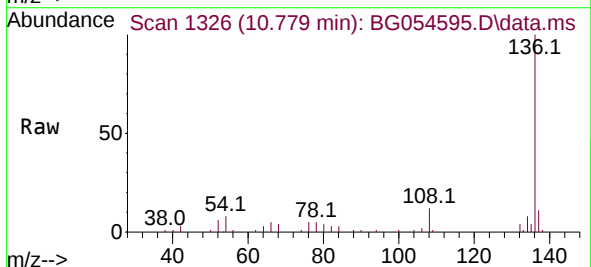
Instrument :
BNA_G
ClientSampleId :
GES-2R

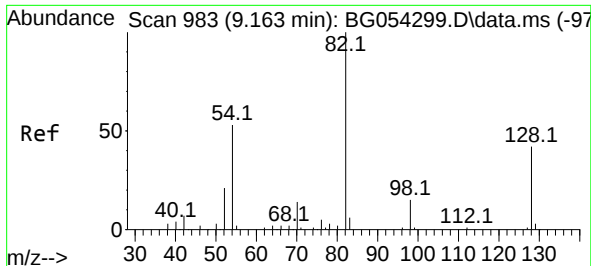
Tgt Ion: 99 Resp: 42359
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 44.2 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. -0.008 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

Tgt Ion: 136 Resp: 62812
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.7 7.4 11.2
68 3.7 4.9 7.3#

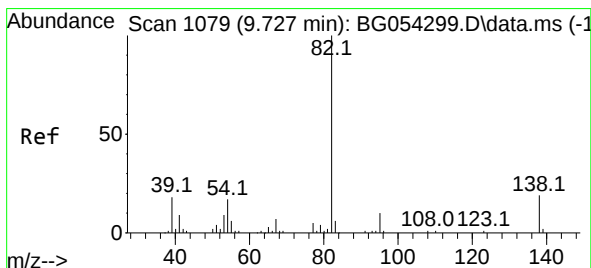
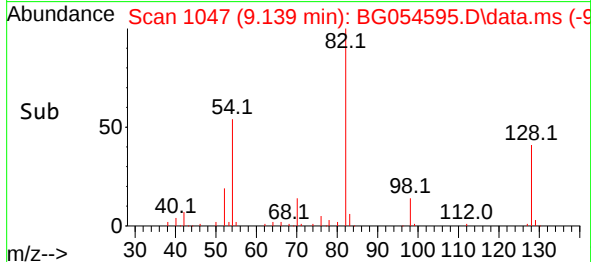
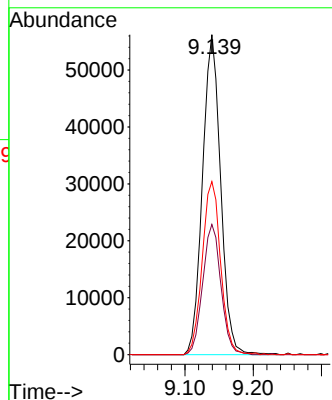
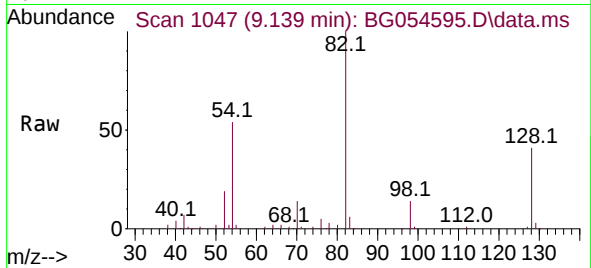




#23
Nitrobenzene-d5
Concen: 90.193 ng
RT: 9.139 min Scan# 10
Delta R.T. -0.002 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

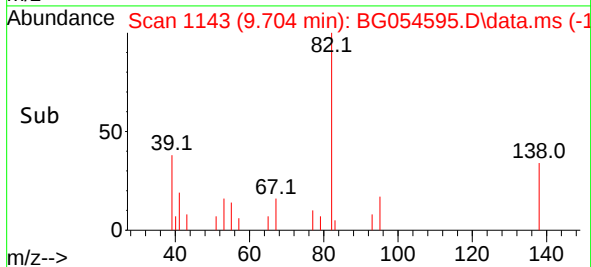
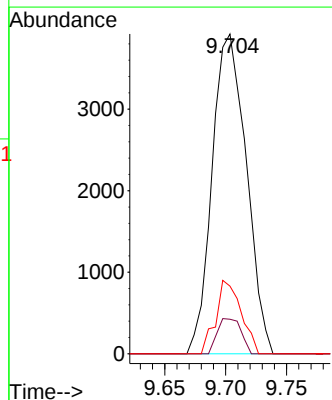
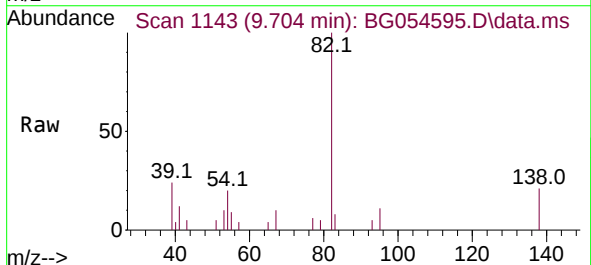
Instrument :
BNA_G
ClientSampleId :
GES-2R

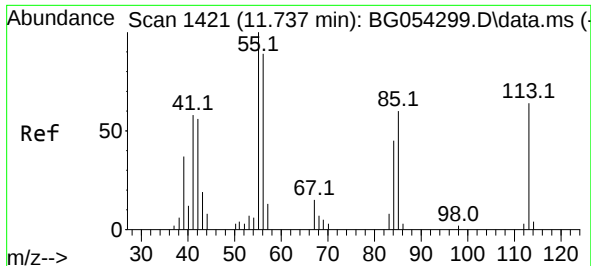
Tgt Ion: 82 Resp: 104031
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 54.1 41.2 61.8



#25
Isophorone
Concen: 3.810 ng
RT: 9.704 min Scan# 1143
Delta R.T. -0.002 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

Tgt Ion: 82 Resp: 7642
Ion Ratio Lower Upper
82 100
95 10.8 6.2 9.4#
138 21.2 11.6 17.4#

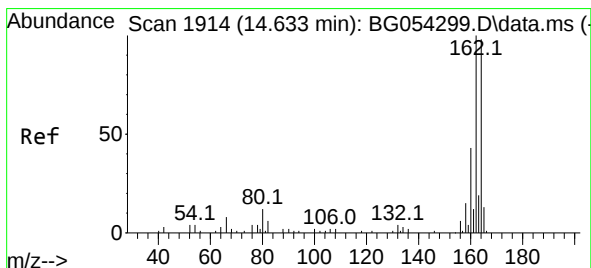
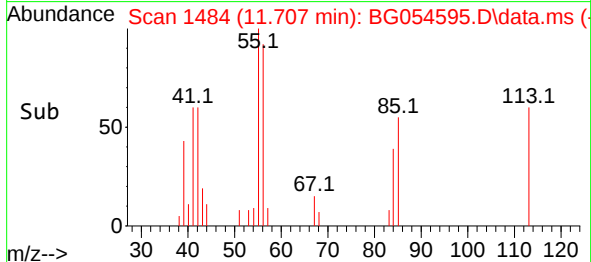
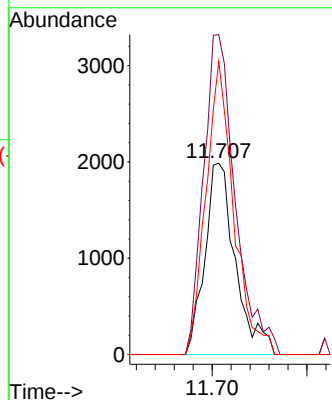
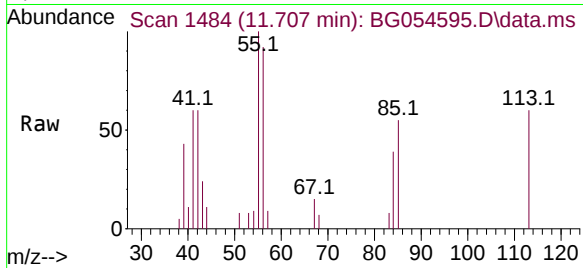




#35
 Caprolactam
 Concen: 14.914 ng
 RT: 11.707 min Scan# 14
 Delta R.T. -0.020 min
 Lab File: BG054595.D
 Acq: 10 Aug 2022 19:35

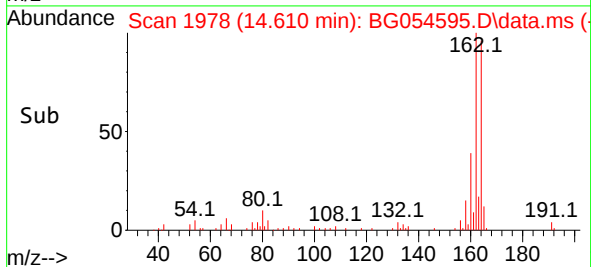
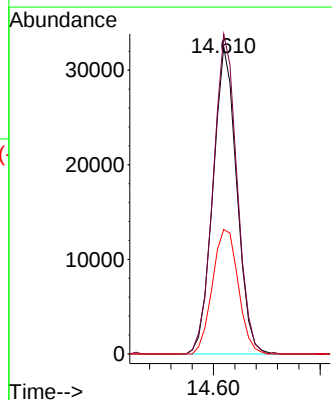
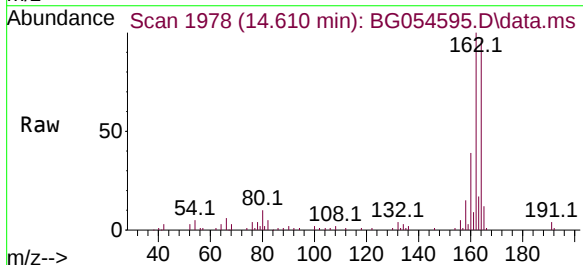
Instrument :
 BNA_G
 ClientSampleId :
 GES-2R

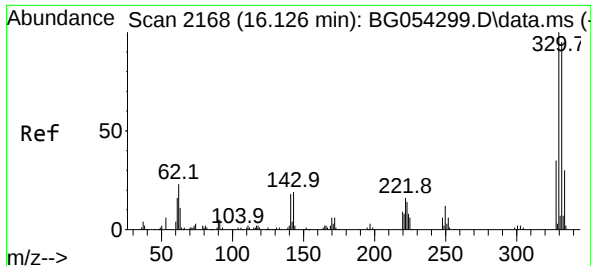
Tgt Ion:113 Resp: 4449
 Ion Ratio Lower Upper
 113 100
 55 167.2 169.8 209.8#
 56 153.2 141.2 181.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.610 min Scan# 1978
 Delta R.T. -0.008 min
 Lab File: BG054595.D
 Acq: 10 Aug 2022 19:35

Tgt Ion:164 Resp: 50245
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.3 123.5
 160 40.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 125.592 ng

RT: 16.108 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG054595.D

Acq: 10 Aug 2022 19:35

Instrument :

BNA_G

ClientSampleId :

GES-2R

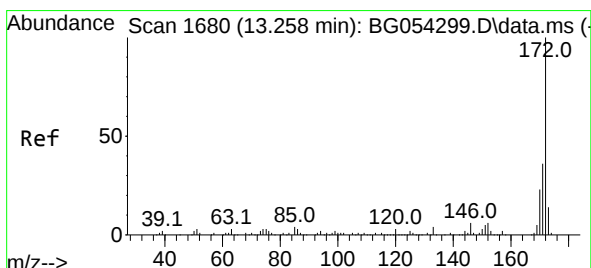
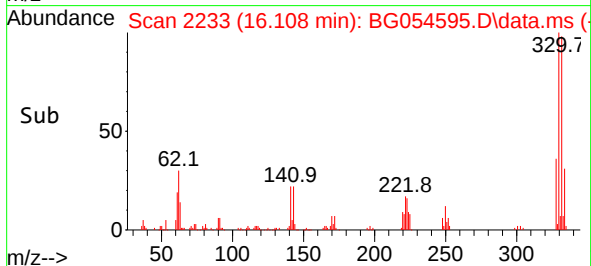
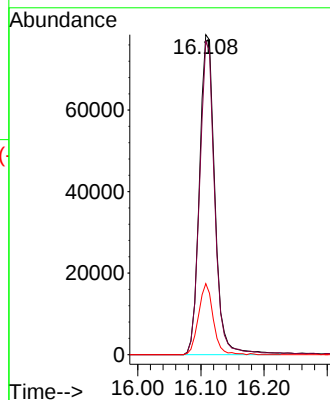
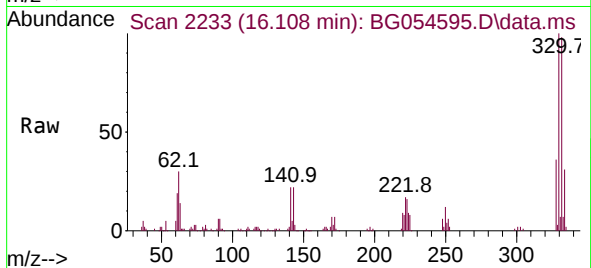
Tgt Ion:330 Resp: 132494

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 21.2 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 86.251 ng

RT: 13.229 min Scan# 1743

Delta R.T. -0.008 min

Lab File: BG054595.D

Acq: 10 Aug 2022 19:35

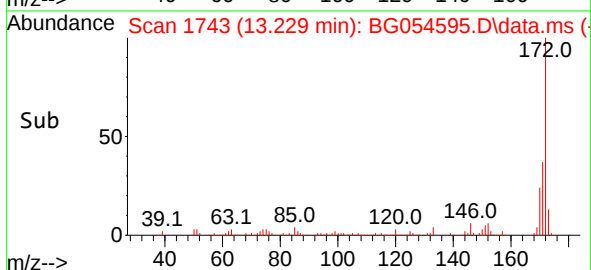
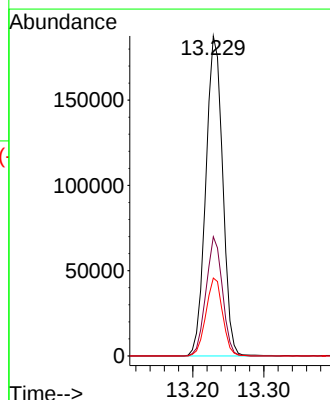
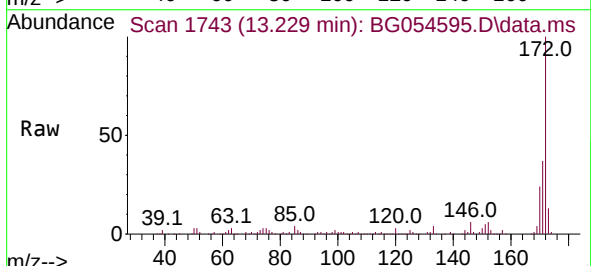
Tgt Ion:172 Resp: 307203

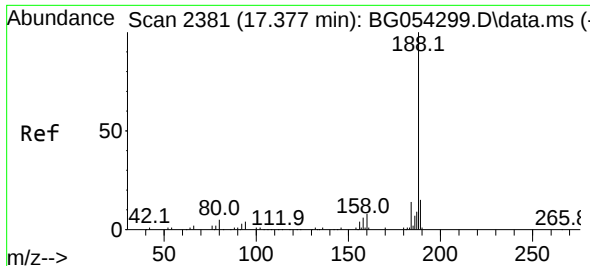
Ion Ratio Lower Upper

172 100

171 37.2 28.5 42.7

170 24.3 18.9 28.3

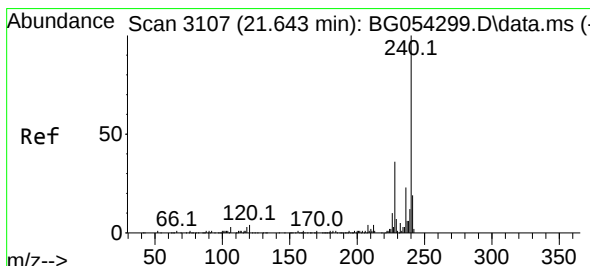
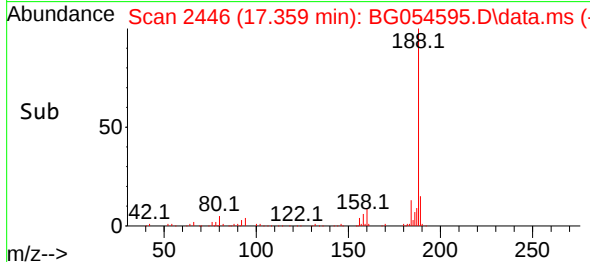
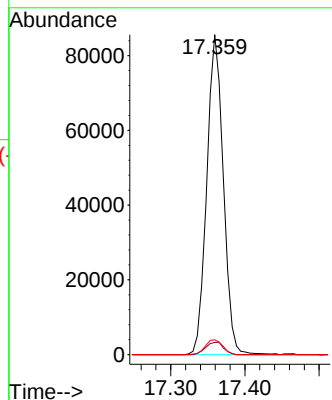
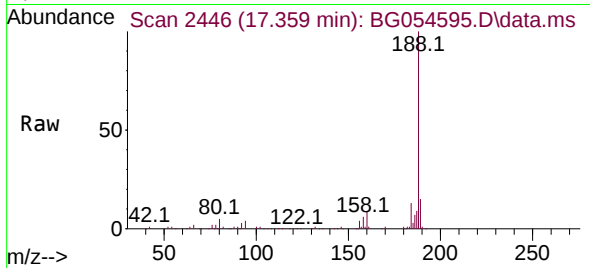




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.359 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

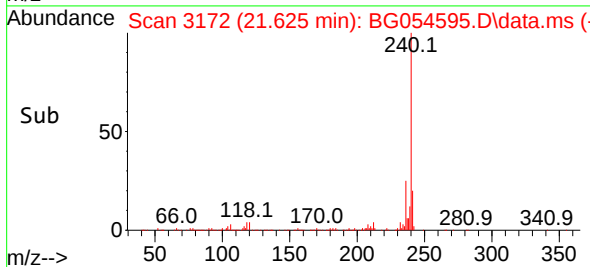
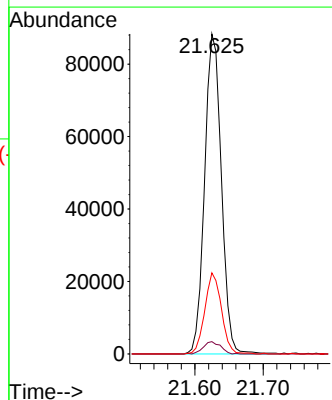
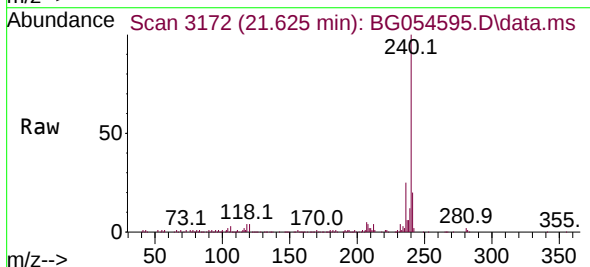
Instrument :
BNA_G
ClientSampleId :
GES-2R

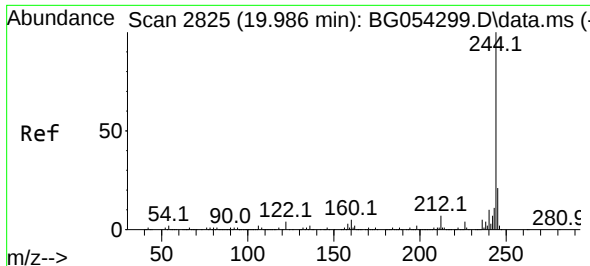
Tgt Ion:188 Resp: 132496
Ion Ratio Lower Upper
188 100
94 3.8 5.4 8.0#
80 4.6 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 3172
Delta R.T. -0.008 min
Lab File: BG054595.D
Acq: 10 Aug 2022 19:35

Tgt Ion:240 Resp: 150904
Ion Ratio Lower Upper
240 100
120 3.8 4.6 7.0#
236 25.3 20.2 30.4





#79

Terphenyl-d14

Concen: 95.263 ng

RT: 19.968 min Scan# 2825

Delta R.T. -0.002 min

Lab File: BG054595.D

Acq: 10 Aug 2022 19:35

Instrument :

BNA_G

ClientSampleId :

GES-2R

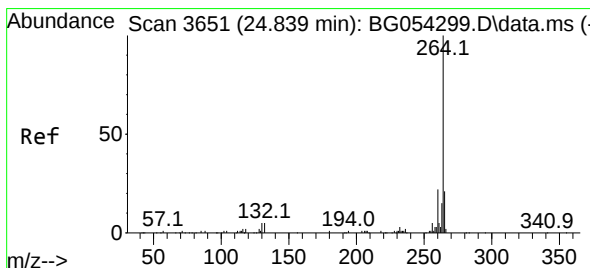
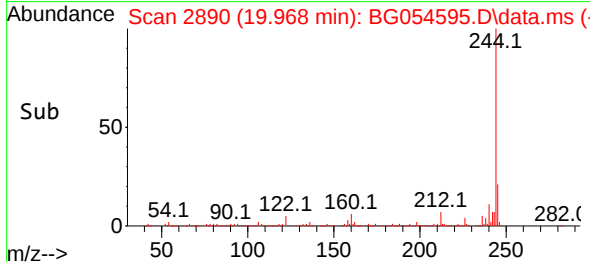
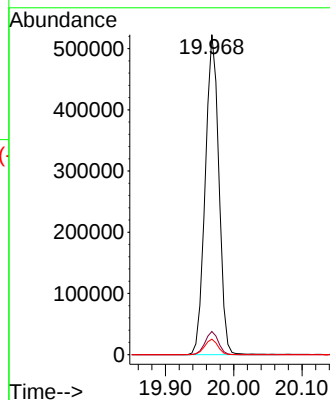
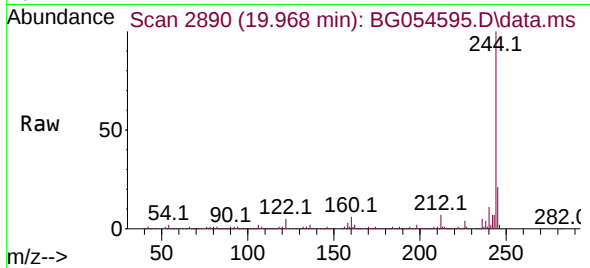
Tgt Ion:244 Resp: 724646

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# 3718

Delta R.T. -0.002 min

Lab File: BG054595.D

Acq: 10 Aug 2022 19:35

Tgt Ion:264 Resp: 158833

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 22.5 17.4 26.2

