

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092822\
 Data File : BG055037.D
 Acq On : 28 Sep 2022 16:09
 Operator : CG/JU
 Sample : PB147850BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147850BL

Quant Time: Sep 28 17:02:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 15:43:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	28949	20.000	ng	0.00
21) Naphthalene-d8	11.178	136	115749	20.000	ng	# 0.00
39) Acenaphthene-d10	14.956	164	77026	20.000	ng	0.00
64) Phenanthrene-d10	17.688	188	194880	20.000	ng	0.00
76) Chrysene-d12	21.983	240	245568	20.000	ng	#-0.01
86) Perylene-d12	25.444	264	254611	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.866	112	200547	132.799	ng	0.00
7) Phenol-d6	7.470	99	258307	128.917	ng	0.00
23) Nitrobenzene-d5	9.515	82	147965	82.482	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	112103	128.262	ng	0.00
45) 2-Fluorobiphenyl	13.587	172	387518	79.193	ng	0.00
79) Terphenyl-d14	20.267	244	920265	78.145	ng	0.00

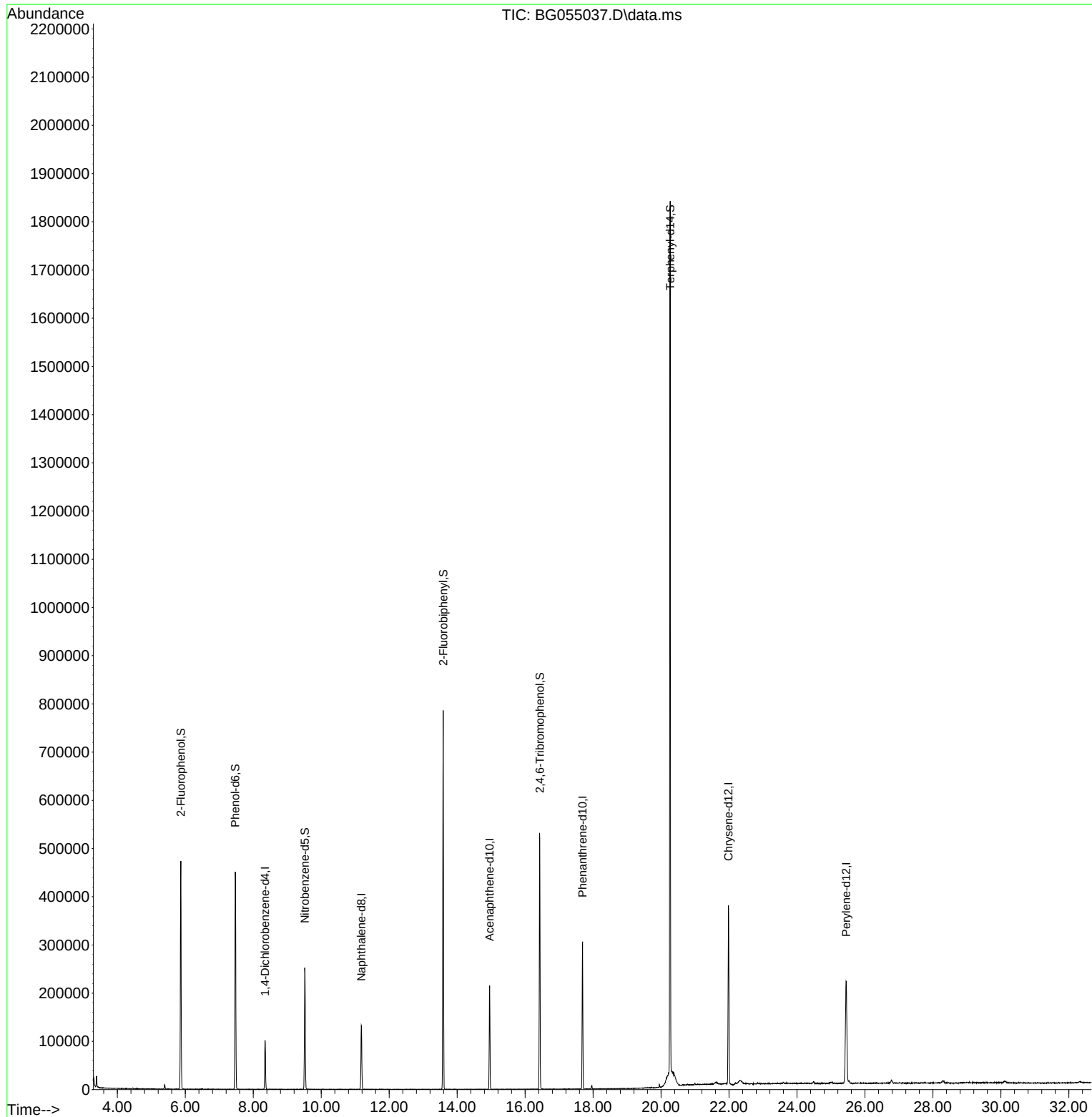
Target Compounds Qvalue

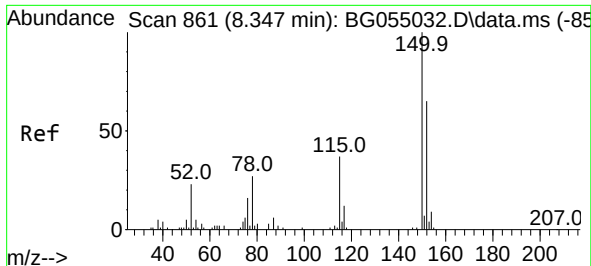
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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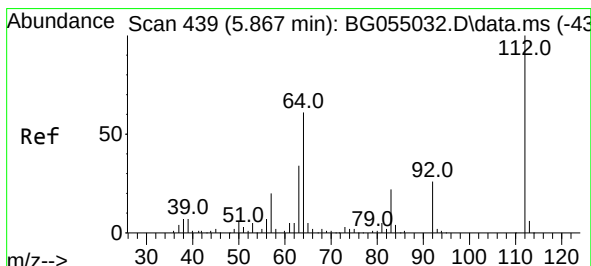
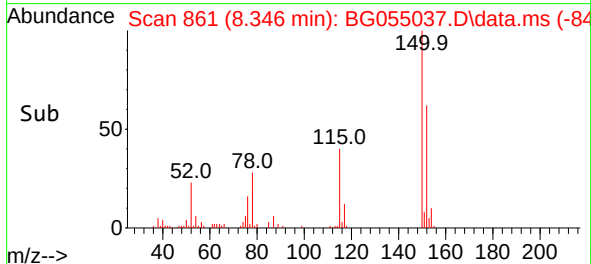
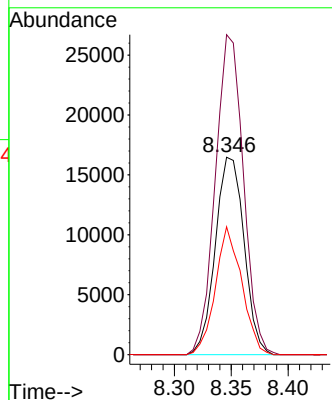
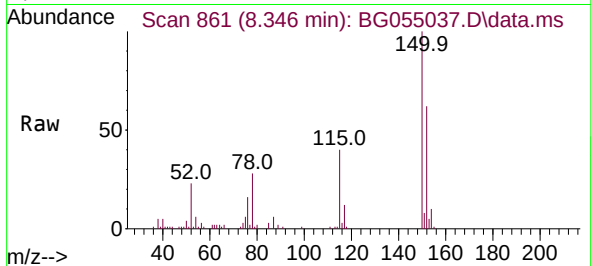




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 861
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

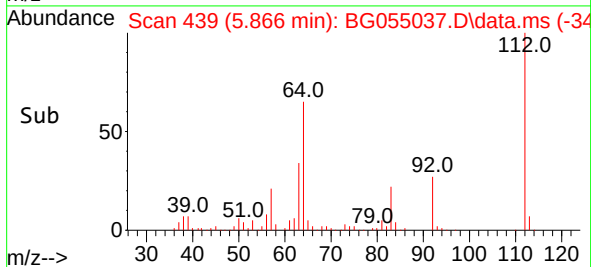
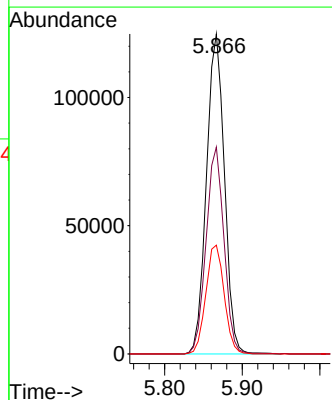
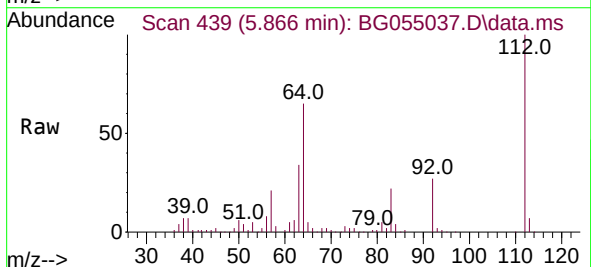
Instrument :
BNA_G
ClientSampleId :
PB147850BL

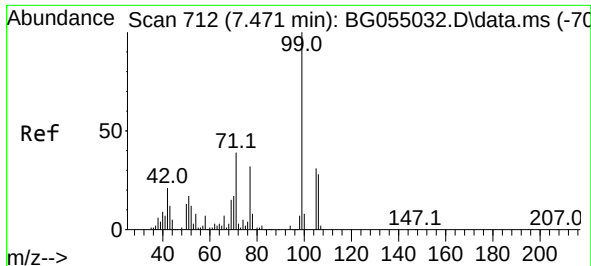
Tgt Ion:152 Resp: 28949
Ion Ratio Lower Upper
152 100
150 162.1 125.2 187.8
115 64.7 47.9 71.9



#5
2-Fluorophenol
Concen: 132.799 ng
RT: 5.866 min Scan# 439
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion:112 Resp: 200547
Ion Ratio Lower Upper
112 100
64 64.6 49.3 73.9
63 34.0 26.3 39.5

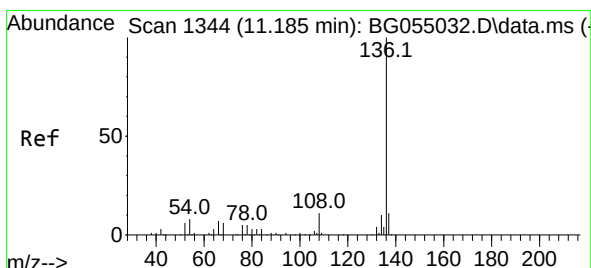
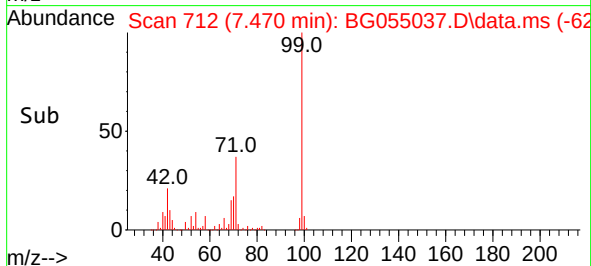
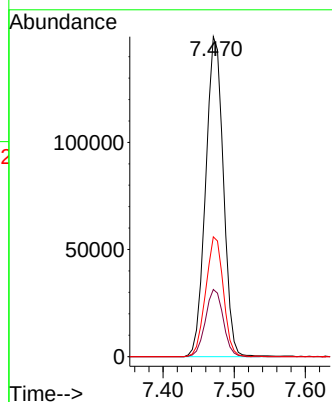
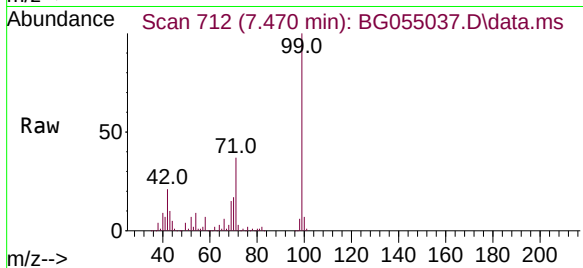




#7
Phenol-d6
Concen: 128.917 ng
RT: 7.470 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

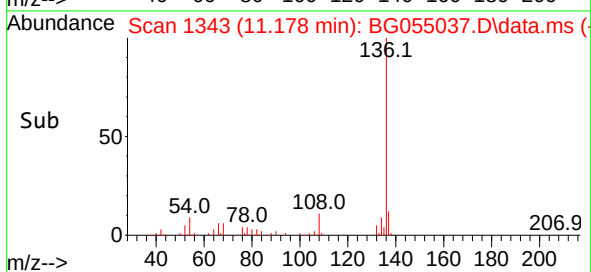
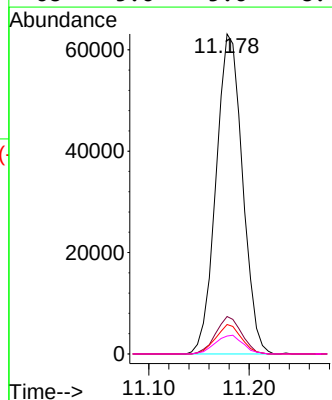
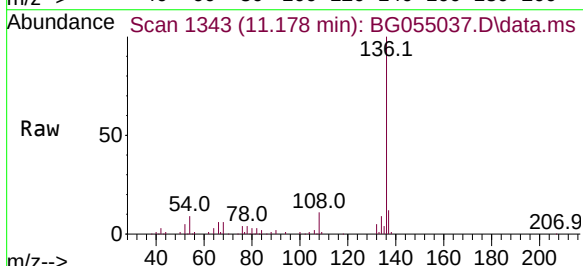
Instrument :
BNA_G
ClientSampleId :
PB147850BL

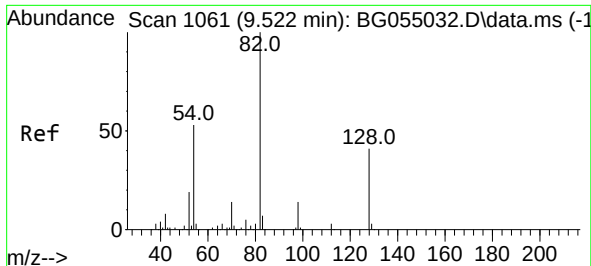
Tgt Ion: 99 Resp: 258307
Ion Ratio Lower Upper
99 100
42 21.0 14.6 22.0
71 37.4 24.6 37.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.178 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG055037.D
Acq: 28 Sep 2022 16:09

Tgt Ion:136 Resp: 115749
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.2 7.7 11.5
68 5.6 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 82.482 ng

RT: 9.515 min Scan# 1060

Delta R.T. -0.007 min

Lab File: BG055037.D

Acq: 28 Sep 2022 16:09

Instrument :

BNA_G

ClientSampleId :

PB147850BL

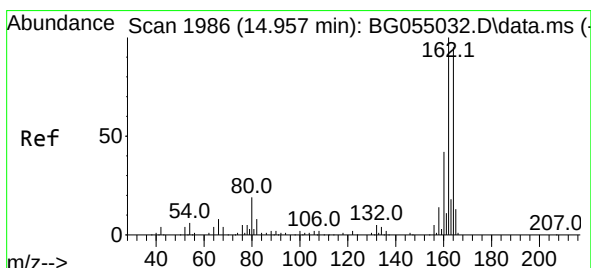
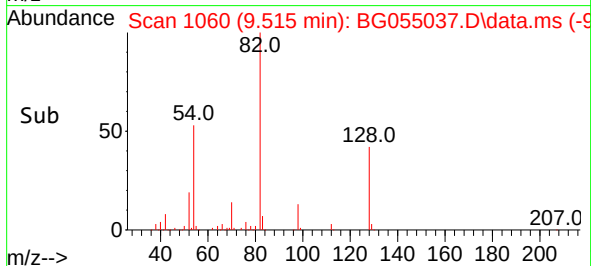
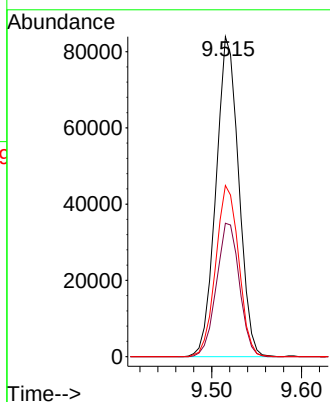
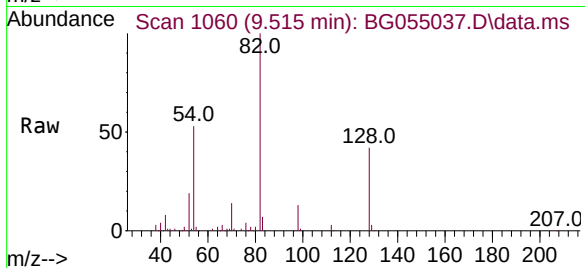
Tgt Ion: 82 Resp: 147965

Ion Ratio Lower Upper

82 100

128 41.7 32.2 48.2

54 53.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.956 min Scan# 1986

Delta R.T. -0.001 min

Lab File: BG055037.D

Acq: 28 Sep 2022 16:09

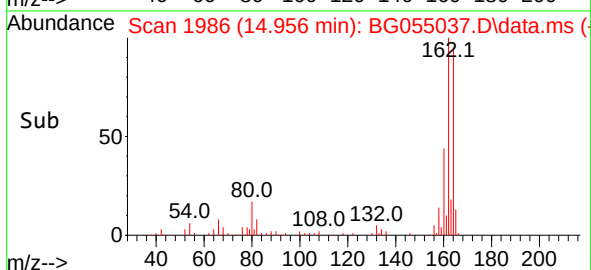
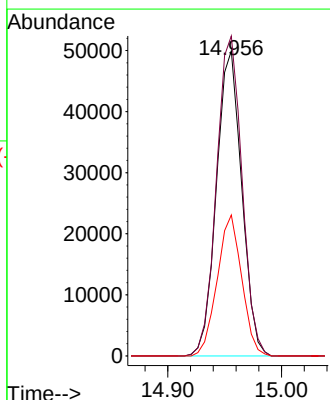
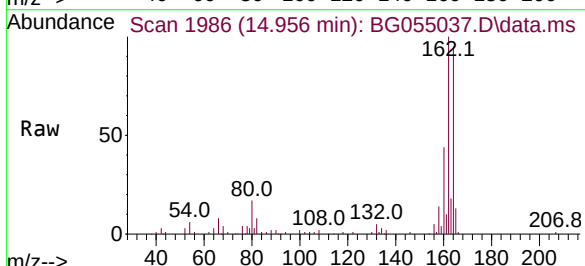
Tgt Ion: 164 Resp: 77026

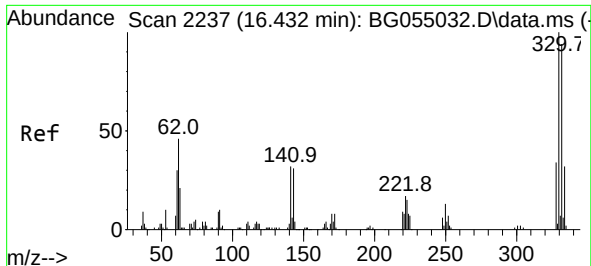
Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

160 46.2 38.0 57.0

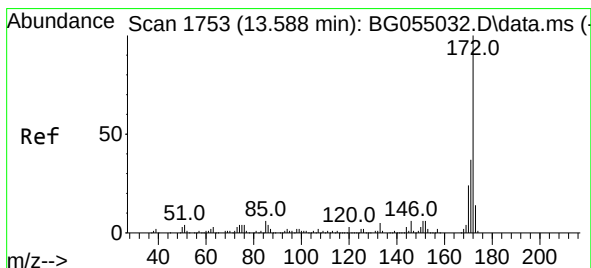
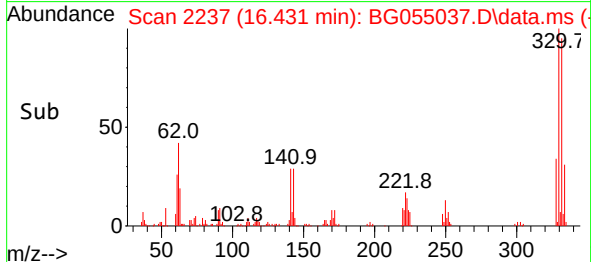
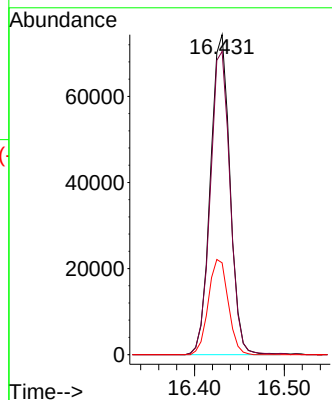
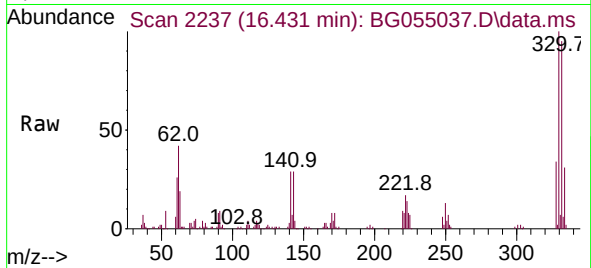




#42
 2,4,6-Tribromophenol
 Concen: 128.262 ng
 RT: 16.431 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG055037.D
 Acq: 28 Sep 2022 16:09

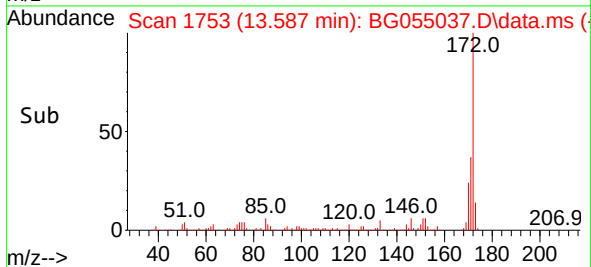
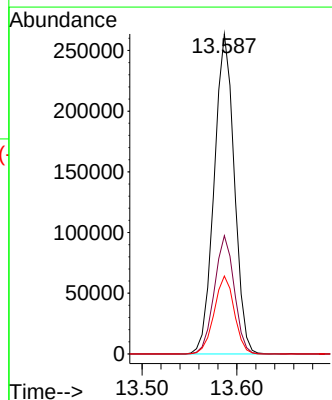
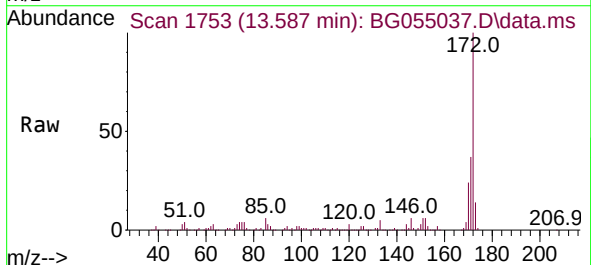
Instrument :
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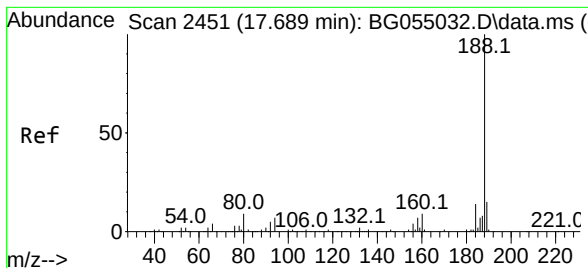
Tgt Ion:330 Resp: 112103
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.8 119.6
 141 30.2 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 79.193 ng
 RT: 13.587 min Scan# 1753
 Delta R.T. -0.001 min
 Lab File: BG055037.D
 Acq: 28 Sep 2022 16:09

Tgt Ion:172 Resp: 387518
 Ion Ratio Lower Upper
 172 100
 171 36.9 31.2 46.8
 170 24.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.688 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG055037.D

Acq: 28 Sep 2022 16:09

Instrument :

BNA_G

ClientSampleId :

PB147850BL

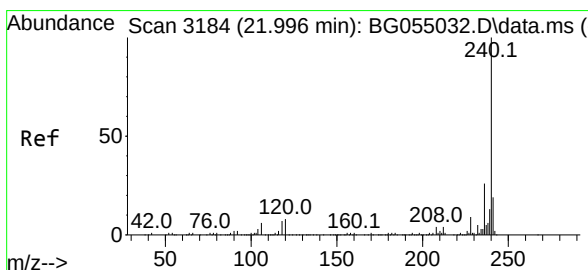
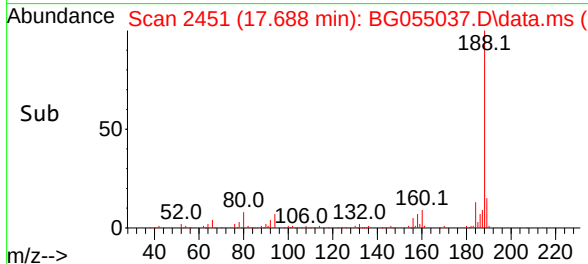
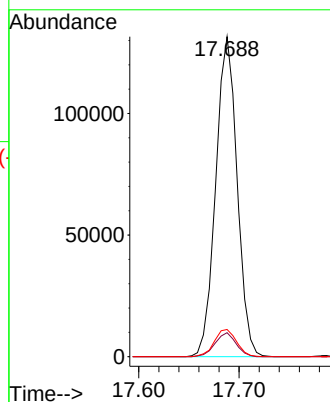
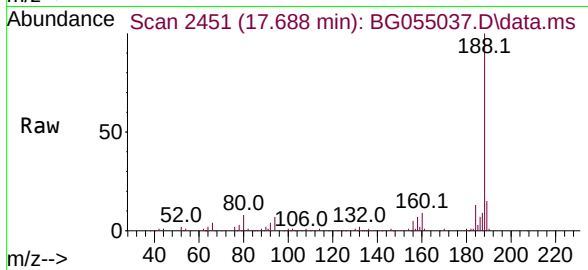
Tgt Ion:188 Resp: 194880

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.983 min Scan# 3182

Delta R.T. -0.013 min

Lab File: BG055037.D

Acq: 28 Sep 2022 16:09

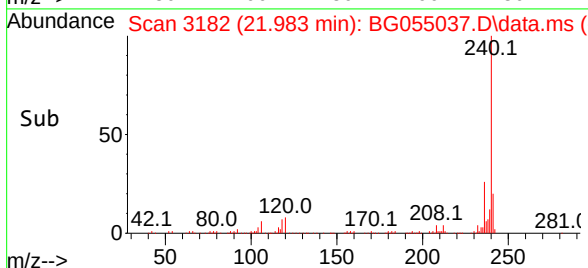
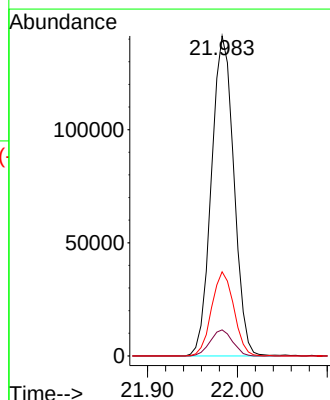
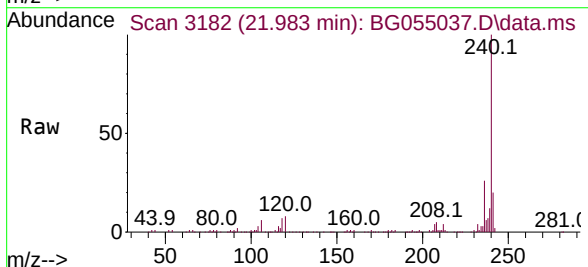
Tgt Ion:240 Resp: 245568

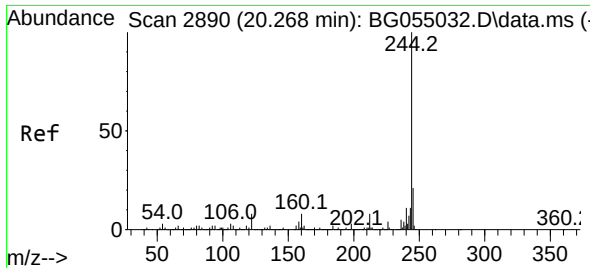
Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.4#

236 26.3 21.2 31.8

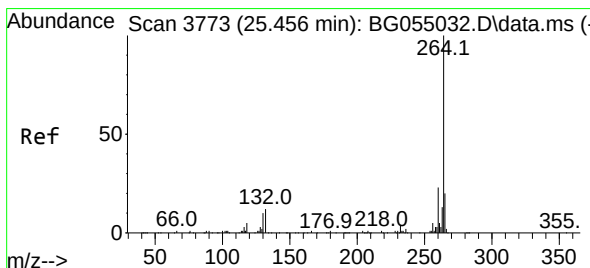
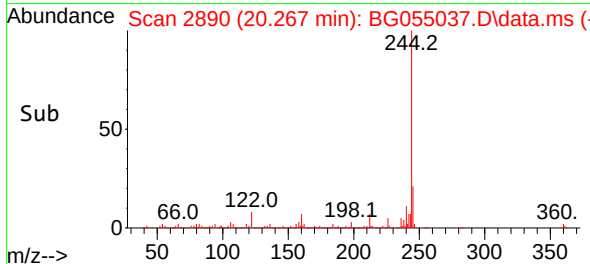
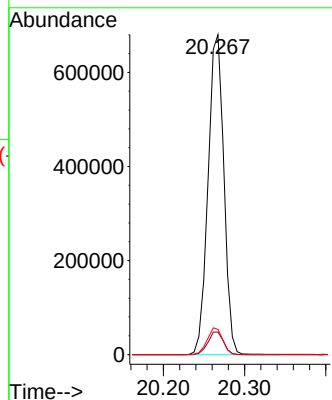
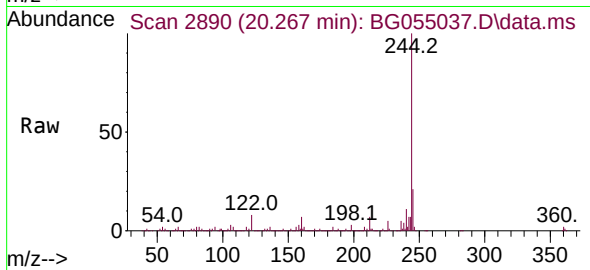




#79
 Terphenyl-d14
 Concen: 78.145 ng
 RT: 20.267 min Scan# 2890
 Delta R.T. -0.001 min
 Lab File: BG055037.D
 Acq: 28 Sep 2022 16:09

Instrument :
 BNA_G
 ClientSampleId :
 PB147850BL

Tgt Ion:244 Resp: 920265
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 7.9 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.444 min Scan# 3771
 Delta R.T. -0.013 min
 Lab File: BG055037.D
 Acq: 28 Sep 2022 16:09

Tgt Ion:264 Resp: 254611
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.9 29.9
 265 21.0 16.9 25.3

