

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056252.D
 Acq On : 11 Jan 2023 15:59
 Operator : CG/JU
 Sample : 01064-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-03

Quant Time: Jan 12 04:20:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	43389	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	158901	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	129400	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	343562	20.000	ng	0.00
76) Chrysene-d12	21.954	240	342222	20.000	ng	# 0.00
86) Perylene-d12	25.397	264	370144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	381927	157.166	ng	0.00
7) Phenol-d6	7.448	99	535138	143.395	ng	0.00
23) Nitrobenzene-d5	9.486	82	283903	91.391	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	247095	150.775	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	820227	87.531	ng	0.00
79) Terphenyl-d14	20.238	244	1773935	92.841	ng	0.00

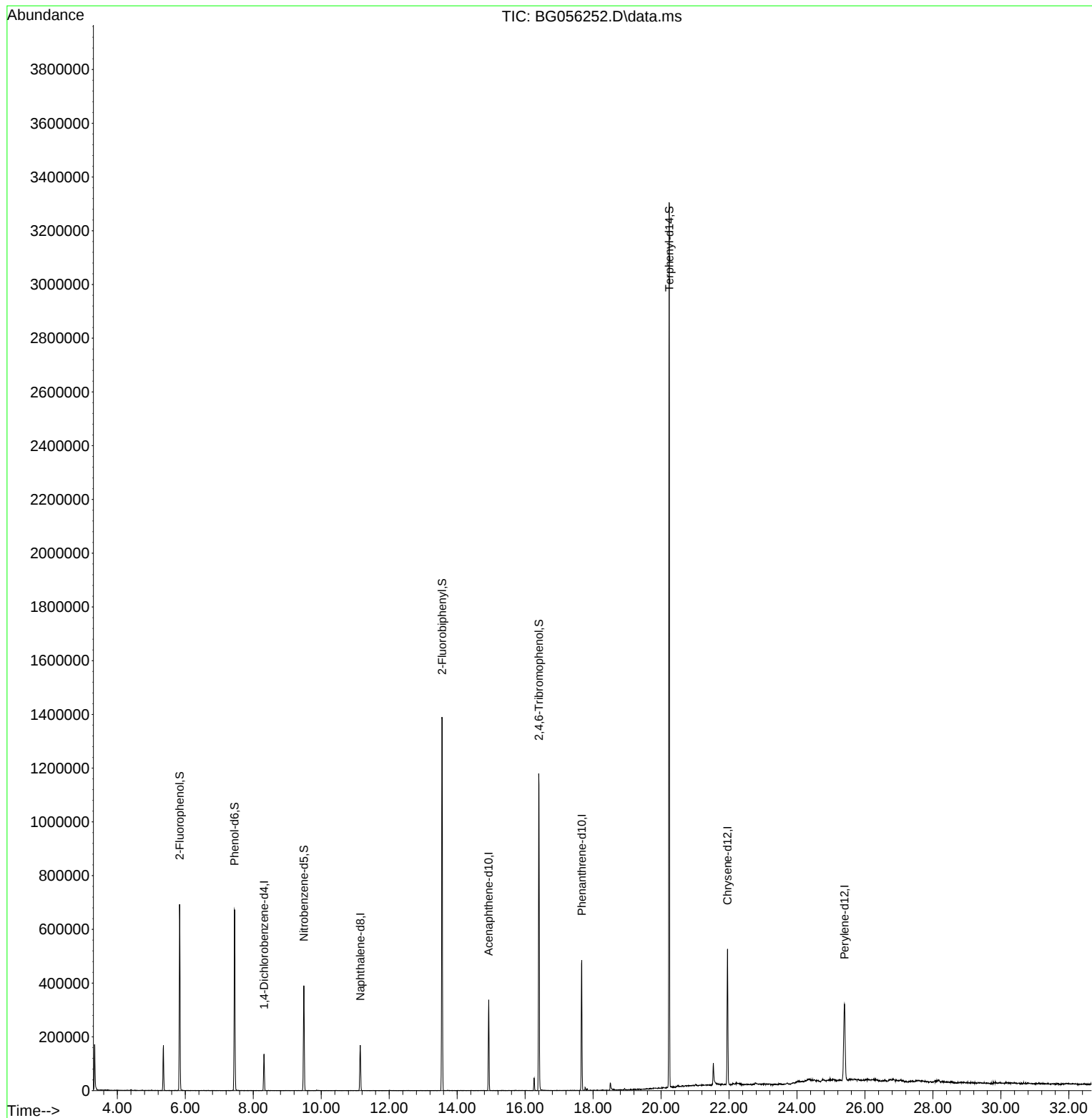
Target Compounds	Qvalue

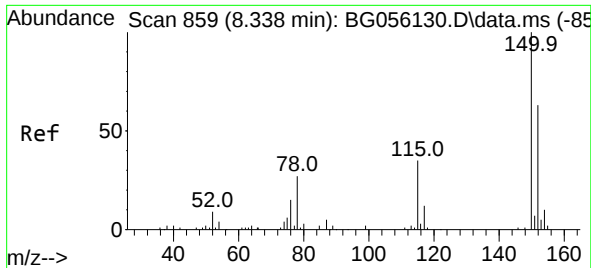
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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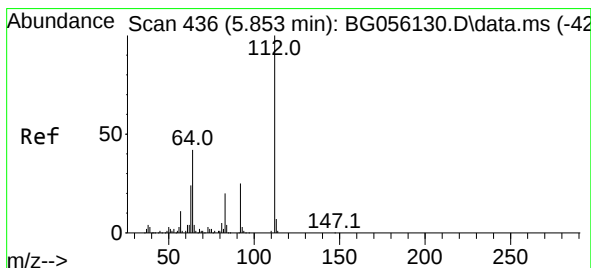
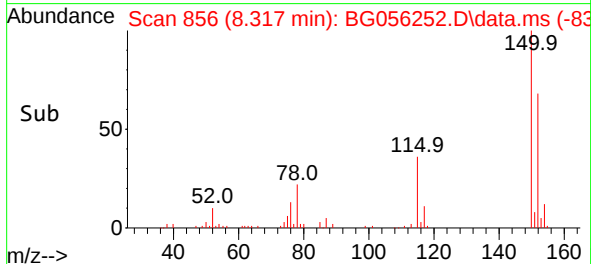
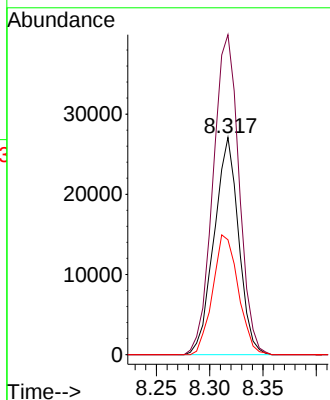
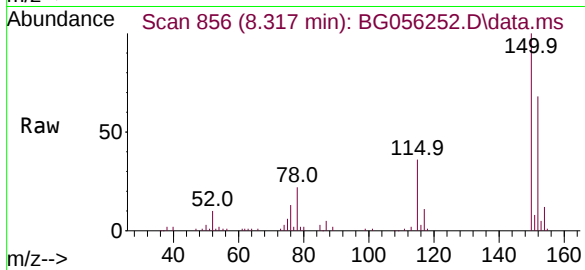




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.317 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG056252.D
 Acq: 11 Jan 2023 15:59

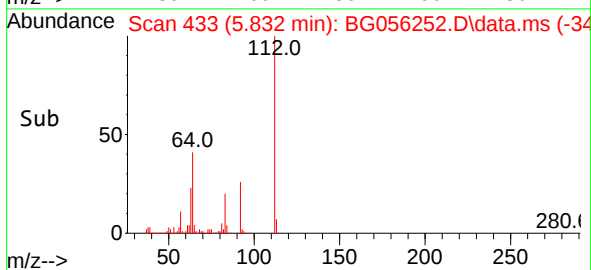
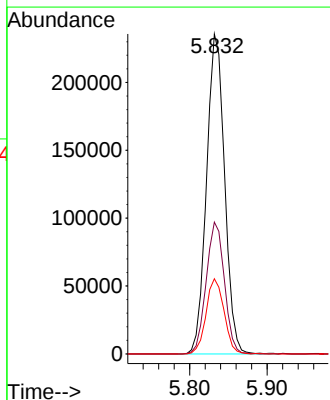
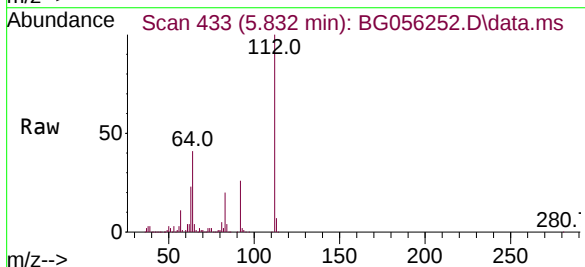
Instrument :
 BNA_G
 ClientSampleId :
 S4-03

Tgt Ion:152 Resp: 43389
 Ion Ratio Lower Upper
 152 100
 150 147.4 127.9 191.9
 115 52.9 44.2 66.2



#5
 2-Fluorophenol
 Concen: 157.166 ng
 RT: 5.832 min Scan# 433
 Delta R.T. 0.006 min
 Lab File: BG056252.D
 Acq: 11 Jan 2023 15:59

Tgt Ion:112 Resp: 381927
 Ion Ratio Lower Upper
 112 100
 64 41.2 33.3 49.9
 63 23.5 19.0 28.4

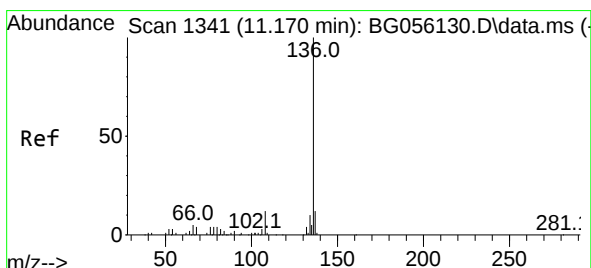
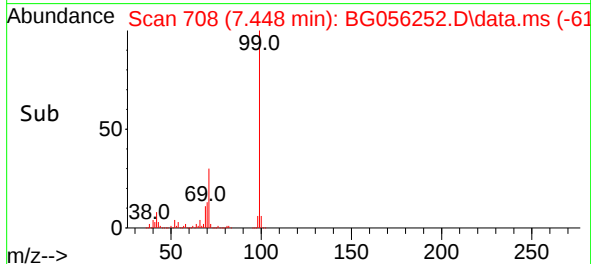
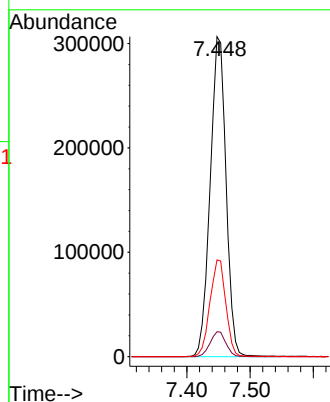
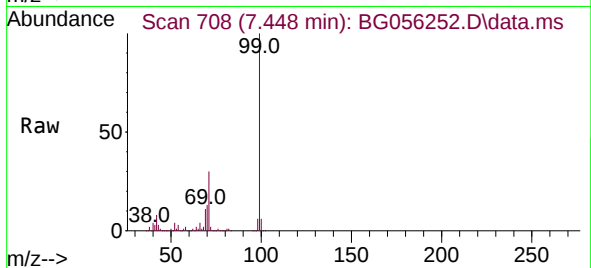




#7
Phenol-d6
Concen: 143.395 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056252.D
Acq: 11 Jan 2023 15:59

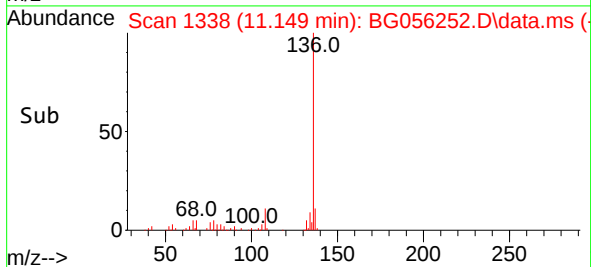
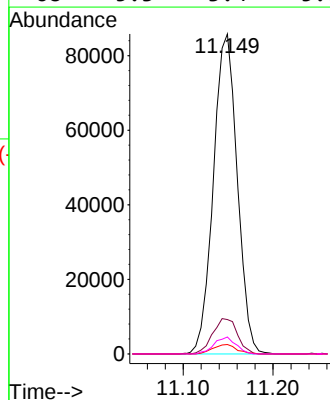
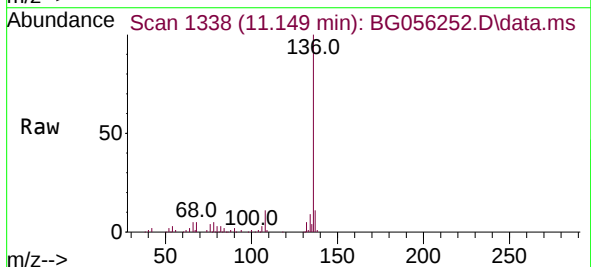
Instrument :
BNA_G
ClientSampleId :
S4-03

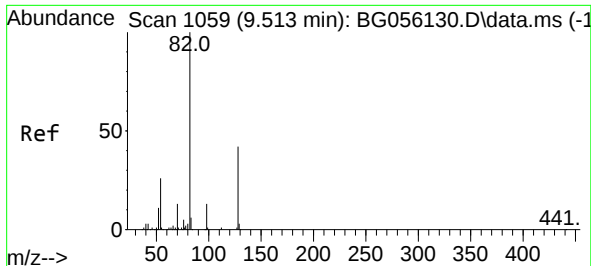
Tgt Ion: 99 Resp: 535138
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG056252.D
Acq: 11 Jan 2023 15:59

Tgt Ion: 136 Resp: 158901
Ion Ratio Lower Upper
136 100
137 10.7 9.4 14.0
54 2.9 2.2 3.2
68 5.3 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 91.391 ng

RT: 9.486 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BG056252.D

Acq: 11 Jan 2023 15:59

Instrument :

BNA_G

ClientSampleId :

S4-03

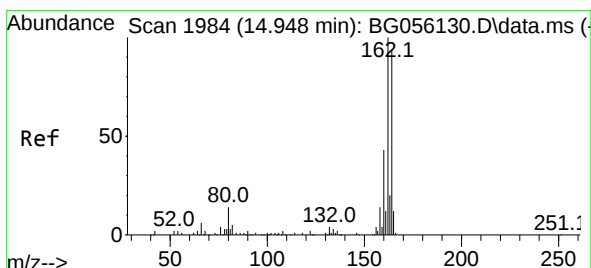
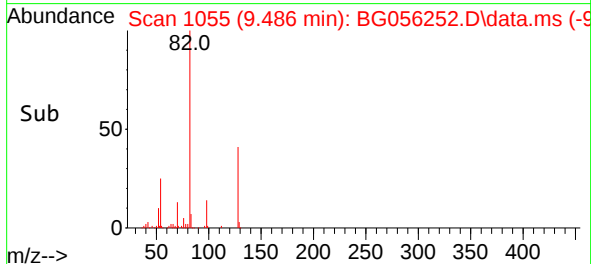
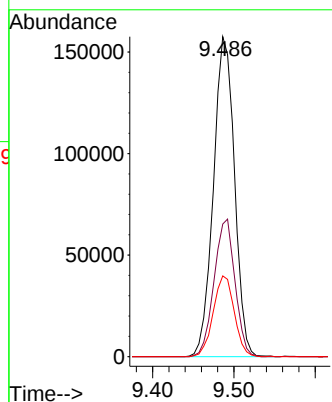
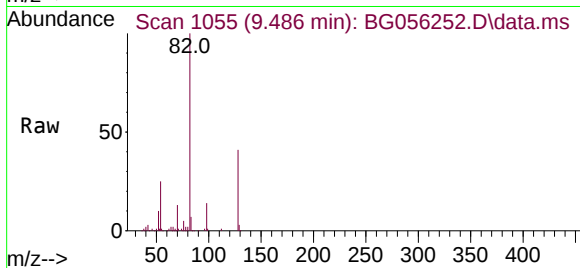
Tgt Ion: 82 Resp: 283903

Ion Ratio Lower Upper

82 100

128 41.4 33.4 50.2

54 25.2 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.000 min

Lab File: BG056252.D

Acq: 11 Jan 2023 15:59

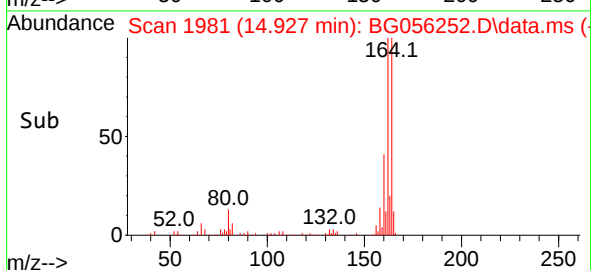
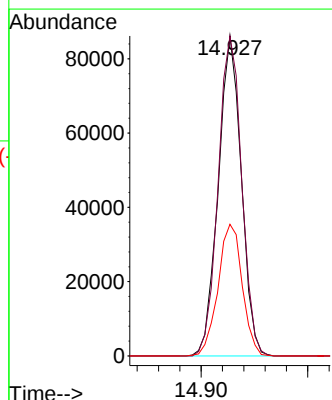
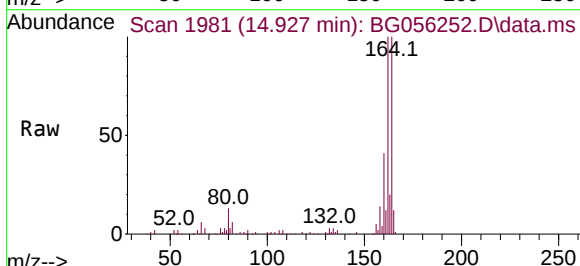
Tgt Ion:164 Resp: 129400

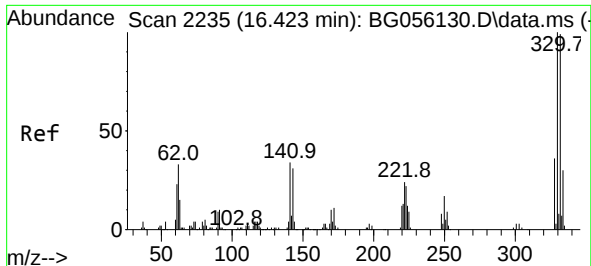
Ion Ratio Lower Upper

164 100

162 99.9 84.7 127.1

160 41.1 36.3 54.5

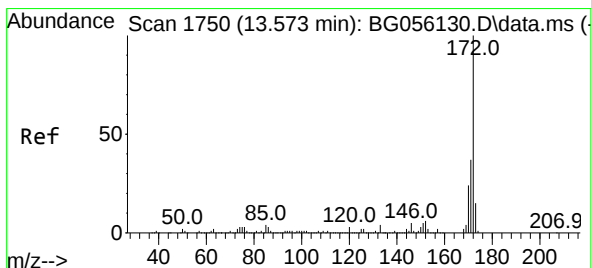
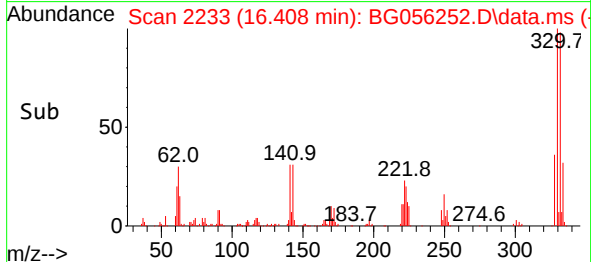
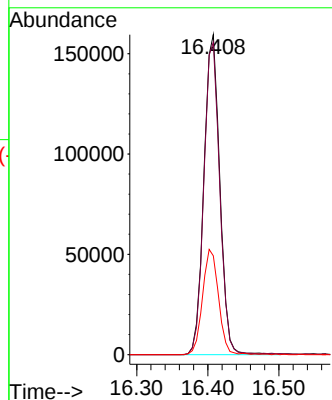
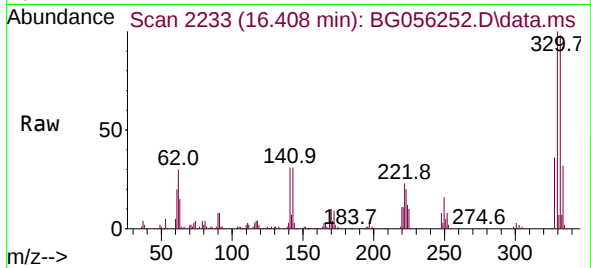




#42
 2,4,6-Tribromophenol
 Concen: 150.775 ng
 RT: 16.408 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056252.D
 Acq: 11 Jan 2023 15:59

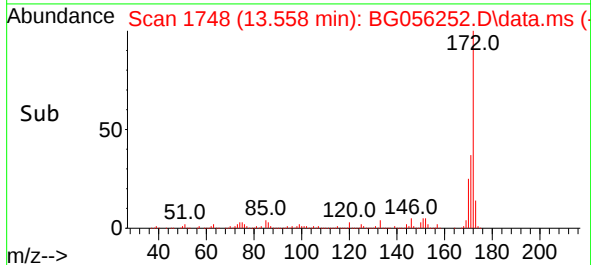
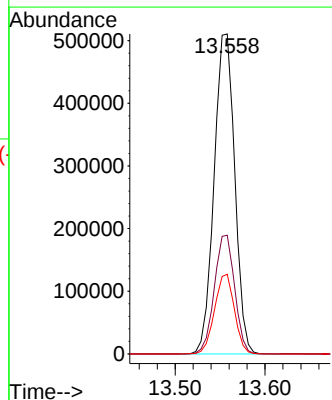
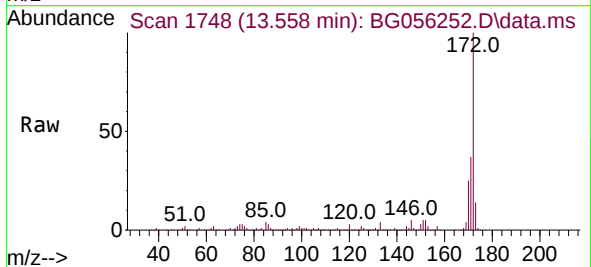
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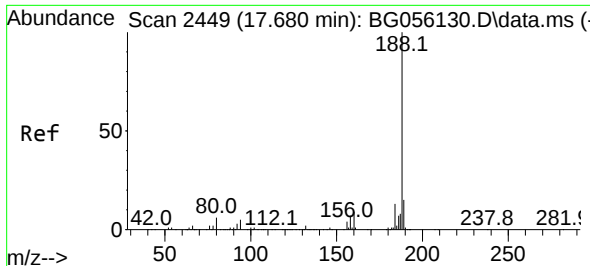
Tgt Ion:330 Resp: 247095
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 33.0 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 87.531 ng
 RT: 13.558 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: BG056252.D
 Acq: 11 Jan 2023 15:59

Tgt Ion:172 Resp: 820227
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.9 19.4 29.2

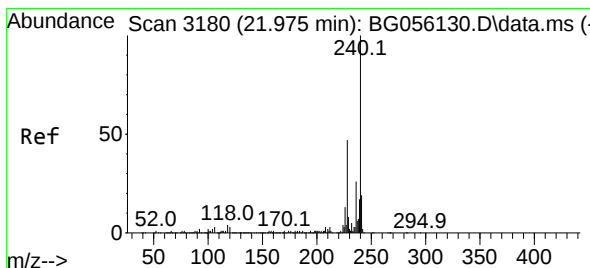
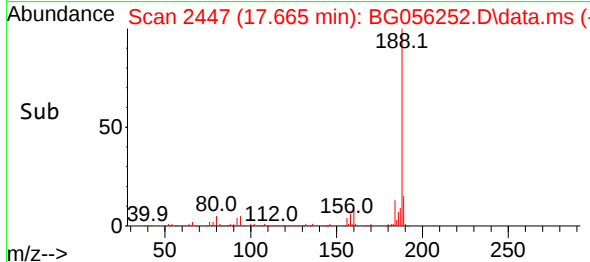
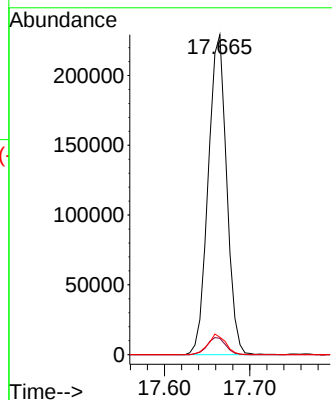
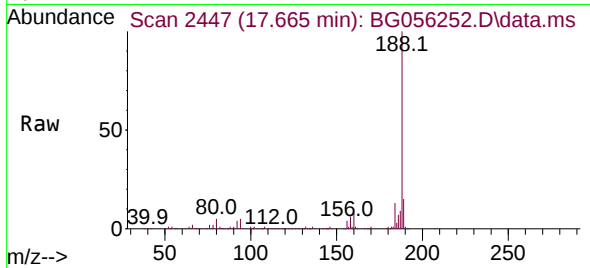




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG056252.D
Acq: 11 Jan 2023 15:59

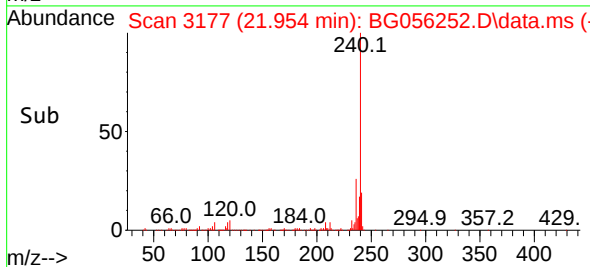
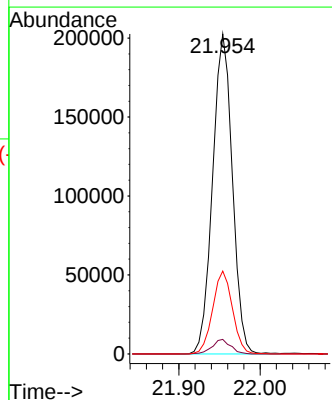
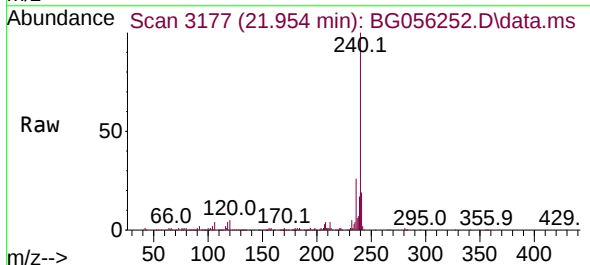
Instrument :
BNA_G
ClientSampleId :
S4-03

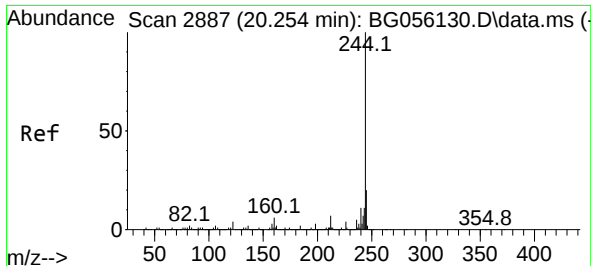
Tgt Ion:188 Resp: 343562
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.954 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG056252.D
Acq: 11 Jan 2023 15:59

Tgt Ion:240 Resp: 342222
Ion Ratio Lower Upper
240 100
120 4.6 2.6 4.0#
236 25.9 20.8 31.2

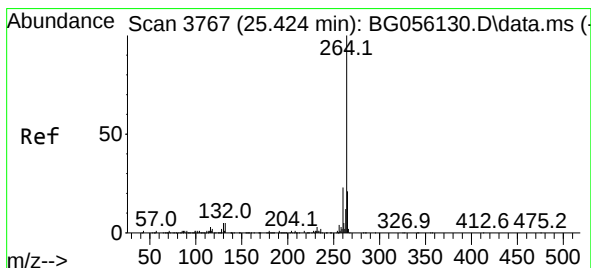
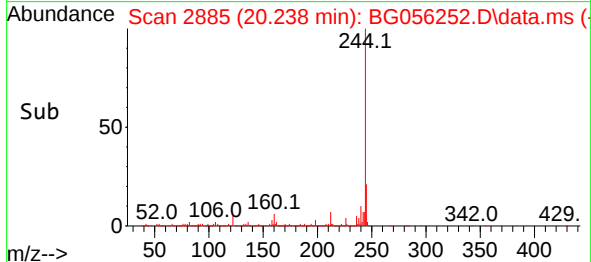
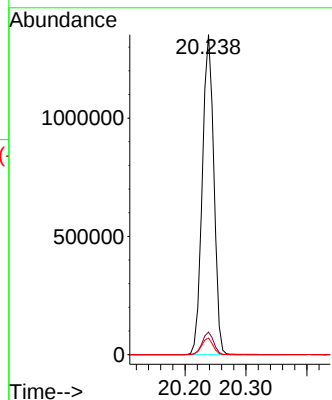
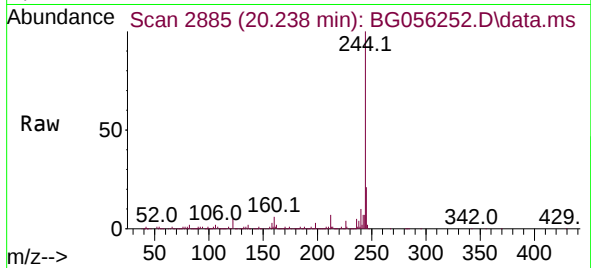




#79
 Terphenyl-d14
 Concen: 92.841 ng
 RT: 20.238 min Scan# 2885
 Delta R.T. 0.000 min
 Lab File: BG056252.D
 Acq: 11 Jan 2023 15:59

Instrument :
 BNA_G
 ClientSampleId :
 S4-03

Tgt Ion:244 Resp: 1773935
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.397 min Scan# 3763
 Delta R.T. -0.005 min
 Lab File: BG056252.D
 Acq: 11 Jan 2023 15:59

Tgt Ion:264 Resp: 370144
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 22.0 16.7 25.1

