

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056325.D
 Acq On : 18 Jan 2023 12:24
 Operator : CG/JU
 Sample : PB150244BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150244BL

Quant Time: Jan 19 00:29:37 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	8.306	152	45945	20.000	ng	-0.01
21) Naphthalene-d8	11.144	136	184488	20.000	ng	0.00
39) Acenaphthene-d10	14.922	164	157660	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	397956	20.000	ng	# 0.00
76) Chrysene-d12	21.955	240	349451	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	372565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	339149	131.799	ng	0.00
7) Phenol-d6	7.448	99	481117	121.748	ng	0.00
23) Nitrobenzene-d5	9.481	82	259827	72.040	ng	-0.01
42) 2,4,6-Tribromophenol	16.403	330	227356	113.864	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	850458	74.489	ng	0.00
79) Terphenyl-d14	20.239	244	1609781	82.507	ng	0.00

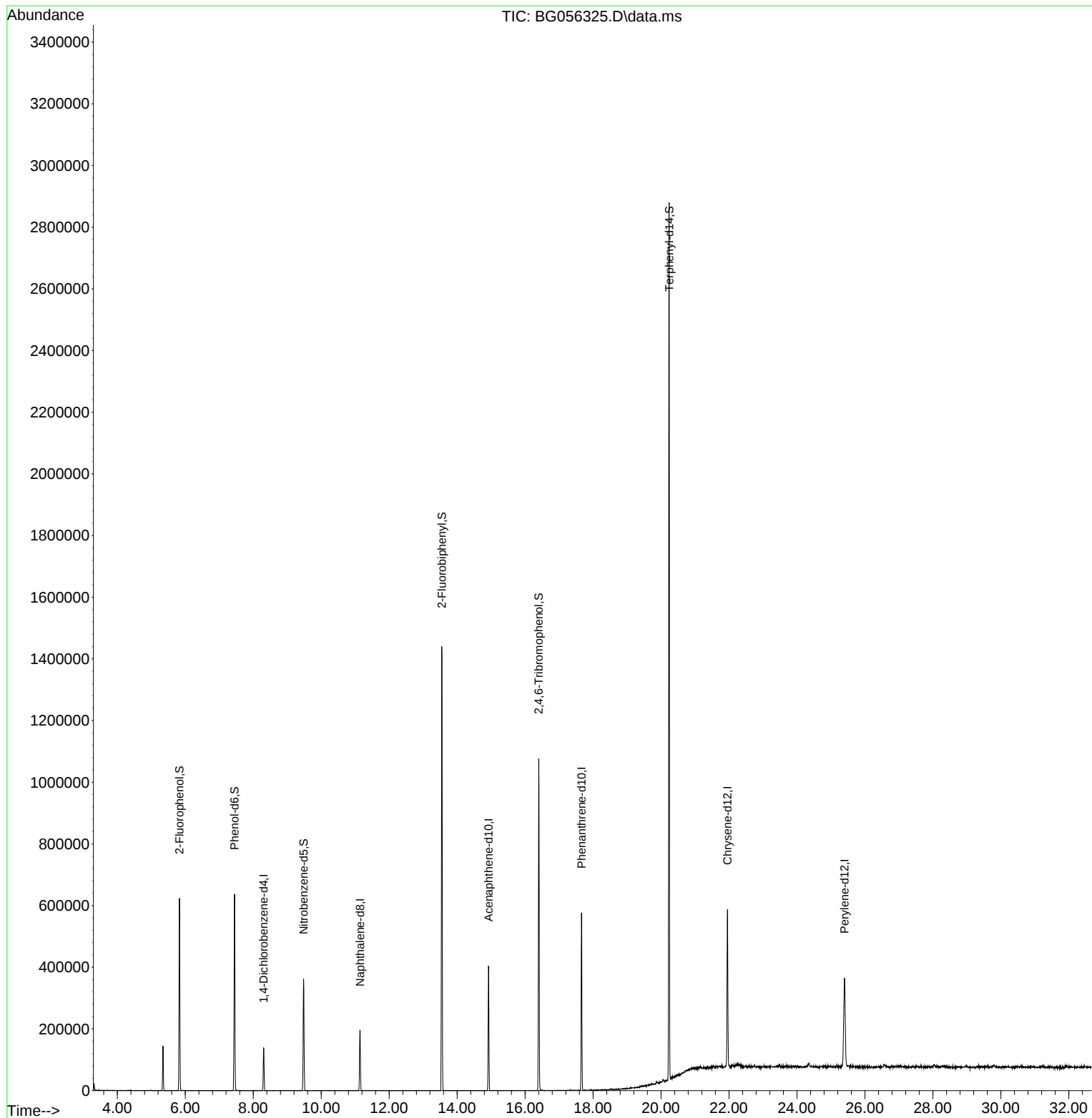
Target Compounds Qvalue

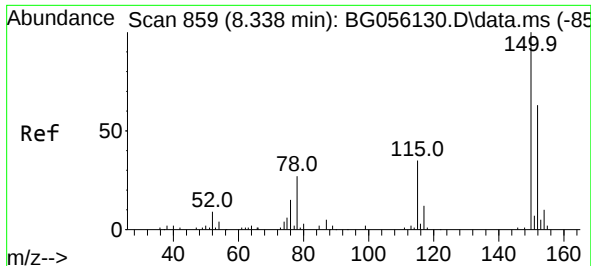
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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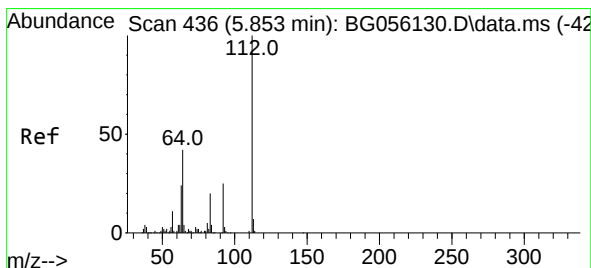
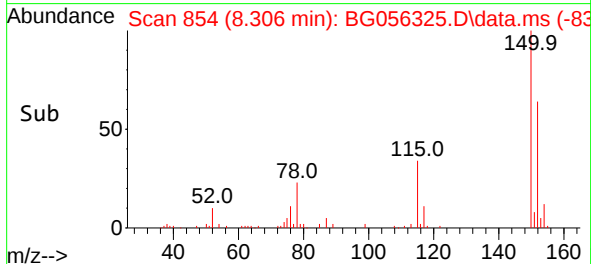
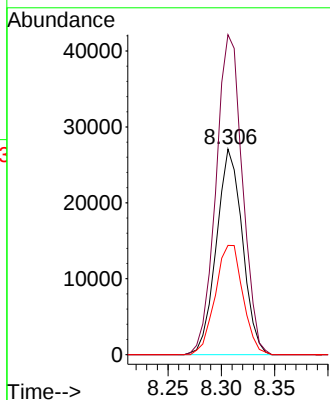
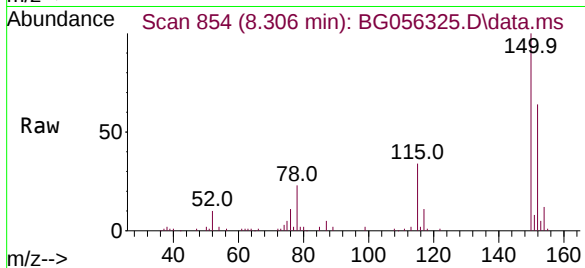




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

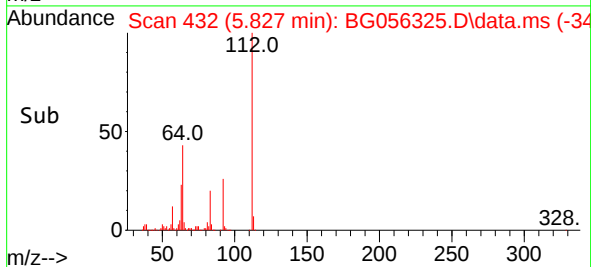
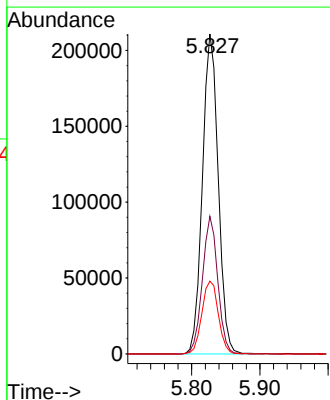
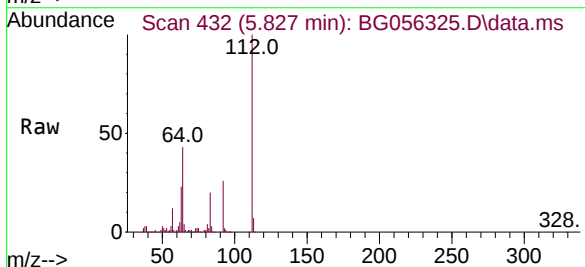
Instrument :
BNA_G
ClientSampleId :
PB150244BL

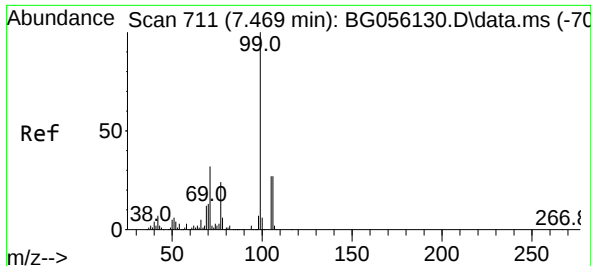
Tgt Ion:152 Resp: 45945
Ion Ratio Lower Upper
152 100
150 155.7 127.9 191.9
115 53.2 44.2 66.2



#5
2-Fluorophenol
Concen: 131.799 ng
RT: 5.827 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion:112 Resp: 339149
Ion Ratio Lower Upper
112 100
64 43.0 33.3 49.9
63 22.7 19.0 28.4

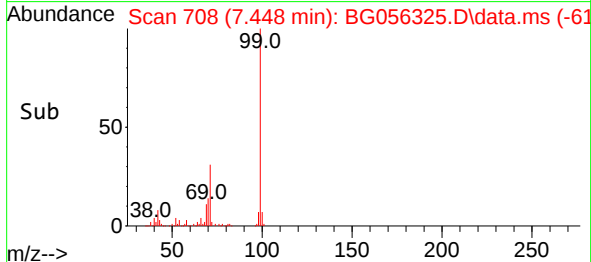
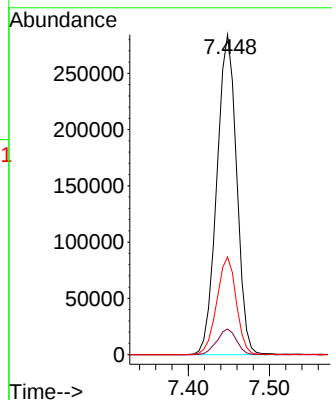
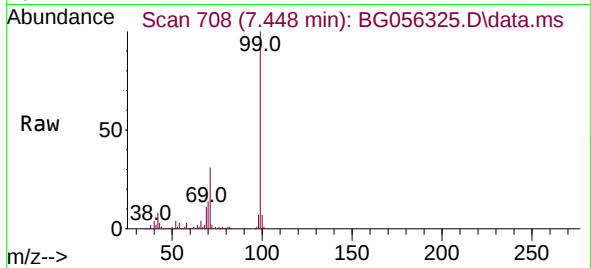




#7
Phenol-d6
Concen: 121.748 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

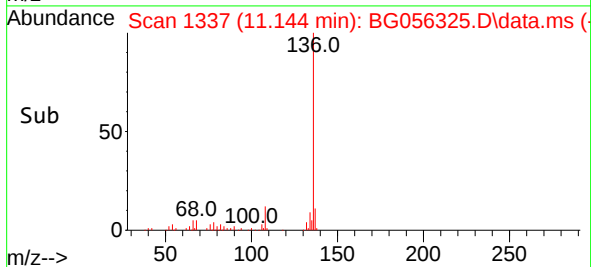
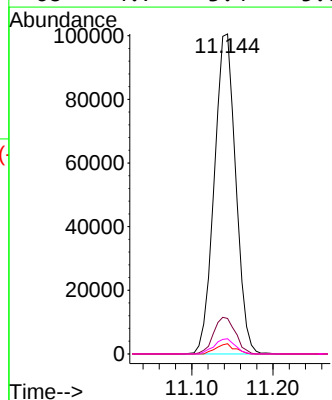
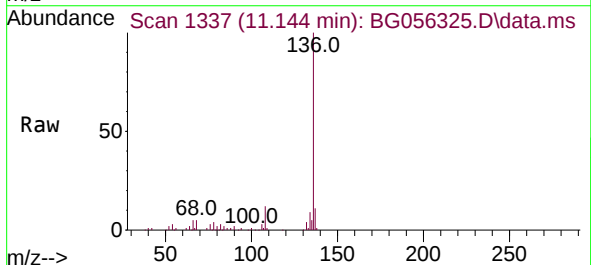
Instrument :
BNA_G
ClientSampleId :
PB150244BL

Tgt Ion: 99 Resp: 481117
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion: 136 Resp: 184488
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 3.2 2.2 3.2
68 4.7 3.4 5.0





#23

Nitrobenzene-d5

Concen: 72.040 ng

RT: 9.481 min Scan# 1054

Delta R.T. -0.011 min

Lab File: BG056325.D

Acq: 18 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150244BL

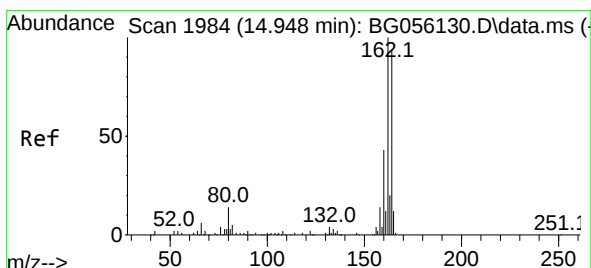
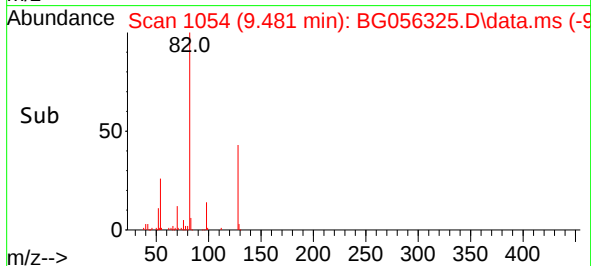
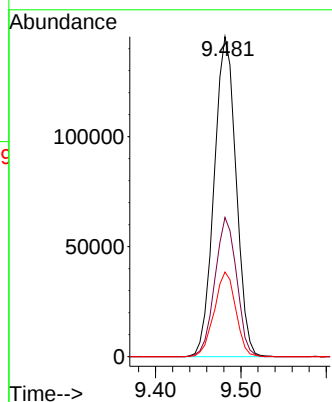
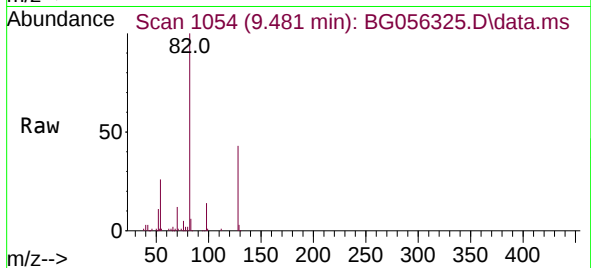
Tgt Ion: 82 Resp: 259827

Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.2

54 26.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.922 min Scan# 1980

Delta R.T. -0.005 min

Lab File: BG056325.D

Acq: 18 Jan 2023 12:24

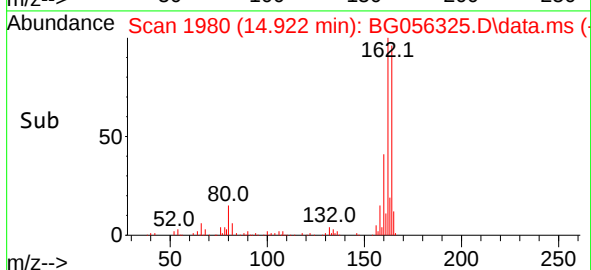
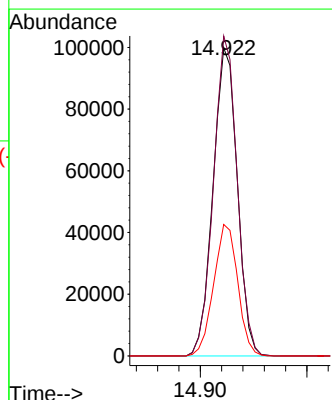
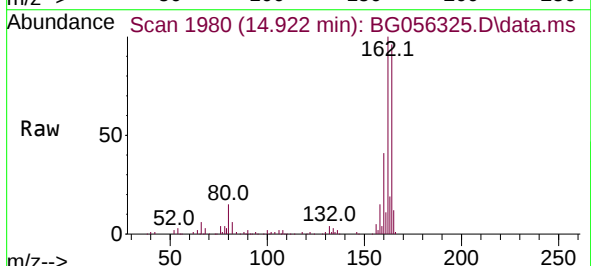
Tgt Ion:164 Resp: 157660

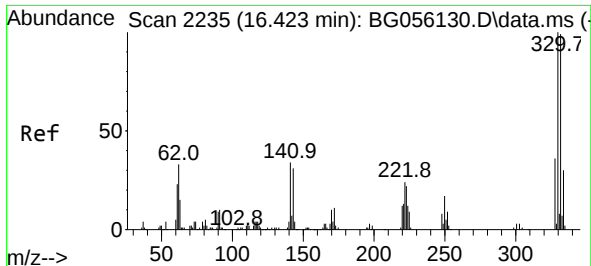
Ion Ratio Lower Upper

164 100

162 103.9 84.7 127.1

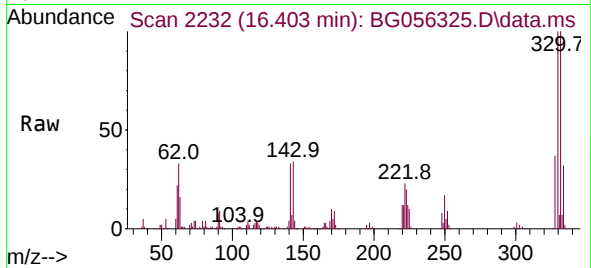
160 42.7 36.3 54.5



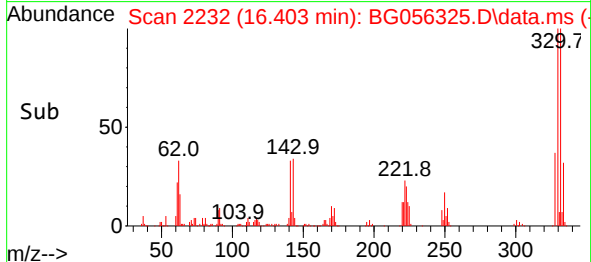
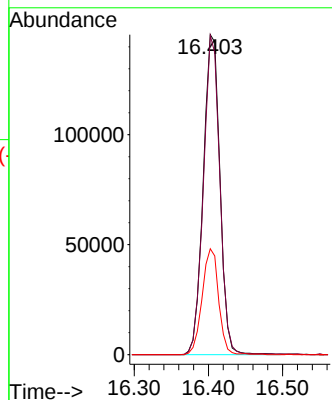


#42
 2,4,6-Tribromophenol
 Concen: 113.864 ng
 RT: 16.403 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056325.D
 Acq: 18 Jan 2023 12:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150244BL

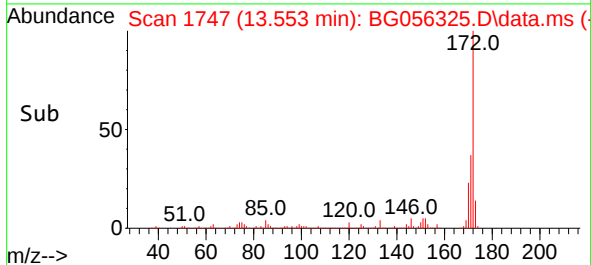
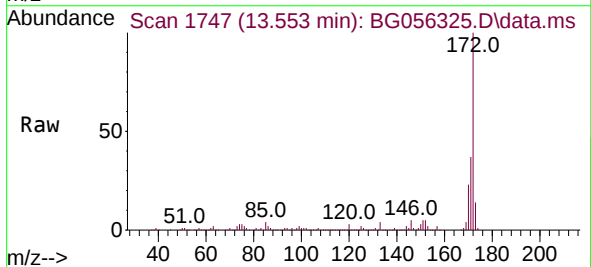
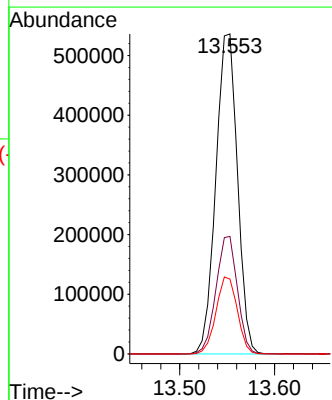


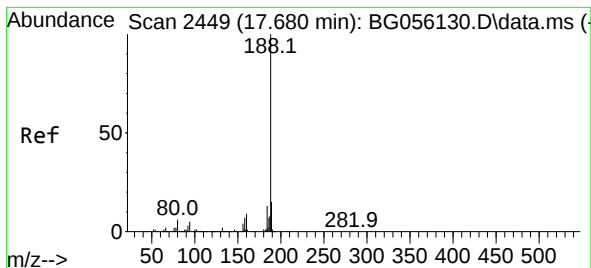
Tgt Ion:330 Resp: 227356
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 32.6 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 74.489 ng
 RT: 13.553 min Scan# 1747
 Delta R.T. -0.005 min
 Lab File: BG056325.D
 Acq: 18 Jan 2023 12:24

Tgt Ion:172 Resp: 850458
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.660 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG056325.D

Acq: 18 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150244BL

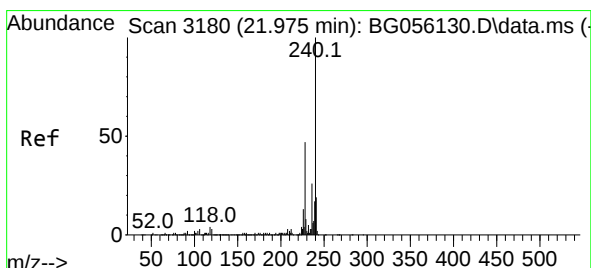
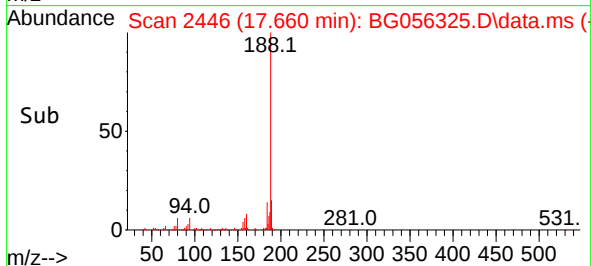
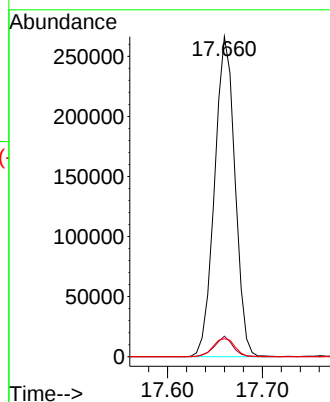
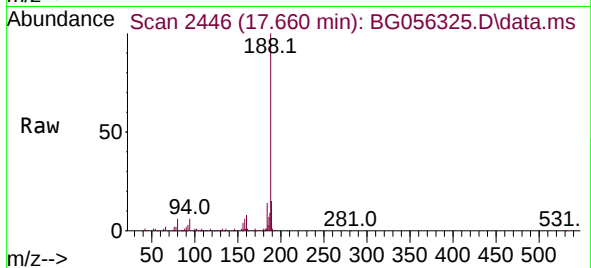
Tgt Ion:188 Resp: 397956

Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.2#

80 5.6 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.955 min Scan# 3177

Delta R.T. -0.005 min

Lab File: BG056325.D

Acq: 18 Jan 2023 12:24

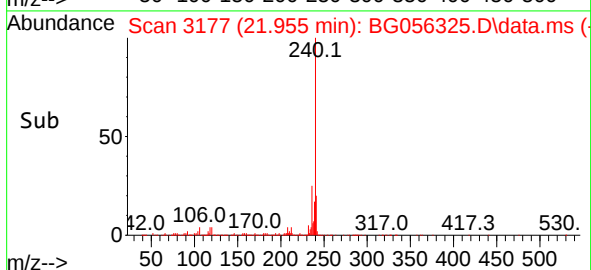
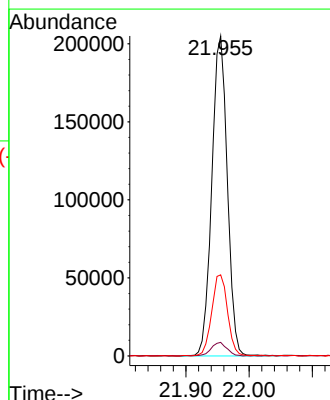
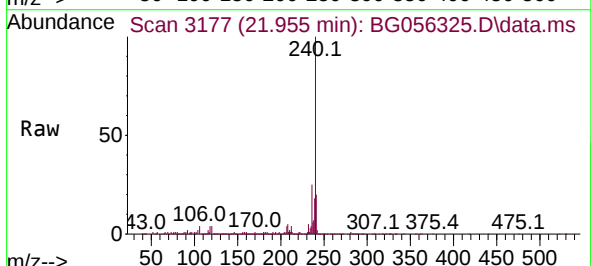
Tgt Ion:240 Resp: 349451

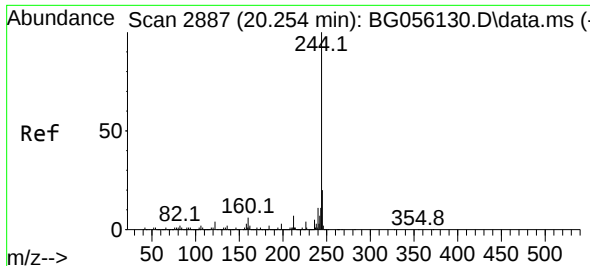
Ion Ratio Lower Upper

240 100

120 4.2 2.6 4.0#

236 25.3 20.8 31.2

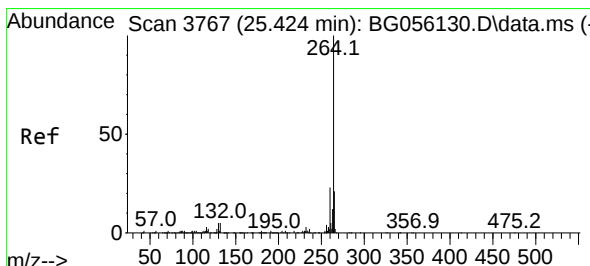
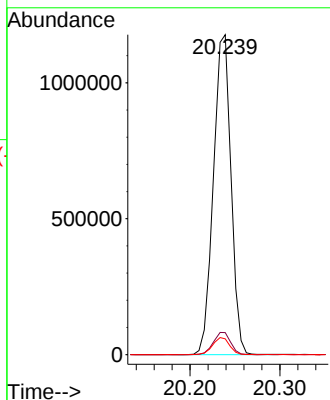
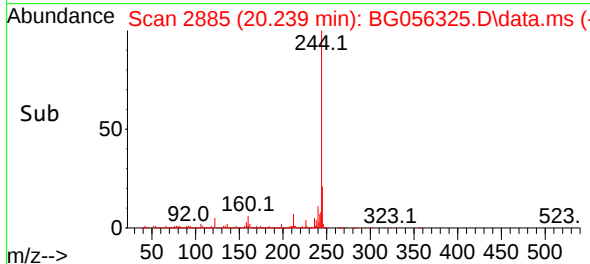
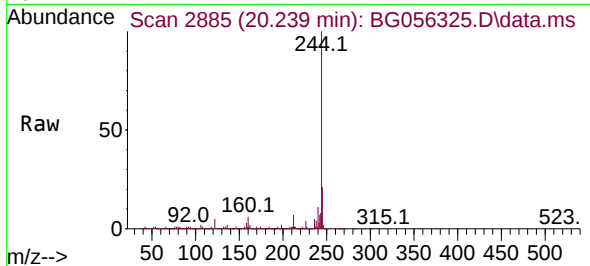




#79
 Terphenyl-d14
 Concen: 82.507 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056325.D
 Acq: 18 Jan 2023 12:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150244BL

Tgt Ion:244 Resp: 1609781
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 3763
 Delta R.T. -0.005 min
 Lab File: BG056325.D
 Acq: 18 Jan 2023 12:24

Tgt Ion:264 Resp: 372565
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 22.1 16.7 25.1

