

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
 Data File : BG057047.D
 Acq On : 10 Apr 2023 16:13
 Operator : CG/JU
 Sample : 02260-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1B

Quant Time: Apr 11 04:13:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	15775	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	62779	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	44829	20.000	ng	# 0.00
64) Phenanthrene-d10	17.759	188	105670	20.000	ng	0.00
76) Chrysene-d12	22.077	240	93242	20.000	ng	0.00
86) Perylene-d12	25.613	264	101110	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	77160	78.282	ng	0.00
7) Phenol-d6	7.538	99	121436	82.375	ng	0.00
23) Nitrobenzene-d5	9.582	82	69855	45.530	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	59002	82.387	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	167173	50.567	ng	0.00
79) Terphenyl-d14	20.326	244	317781	57.671	ng	0.00

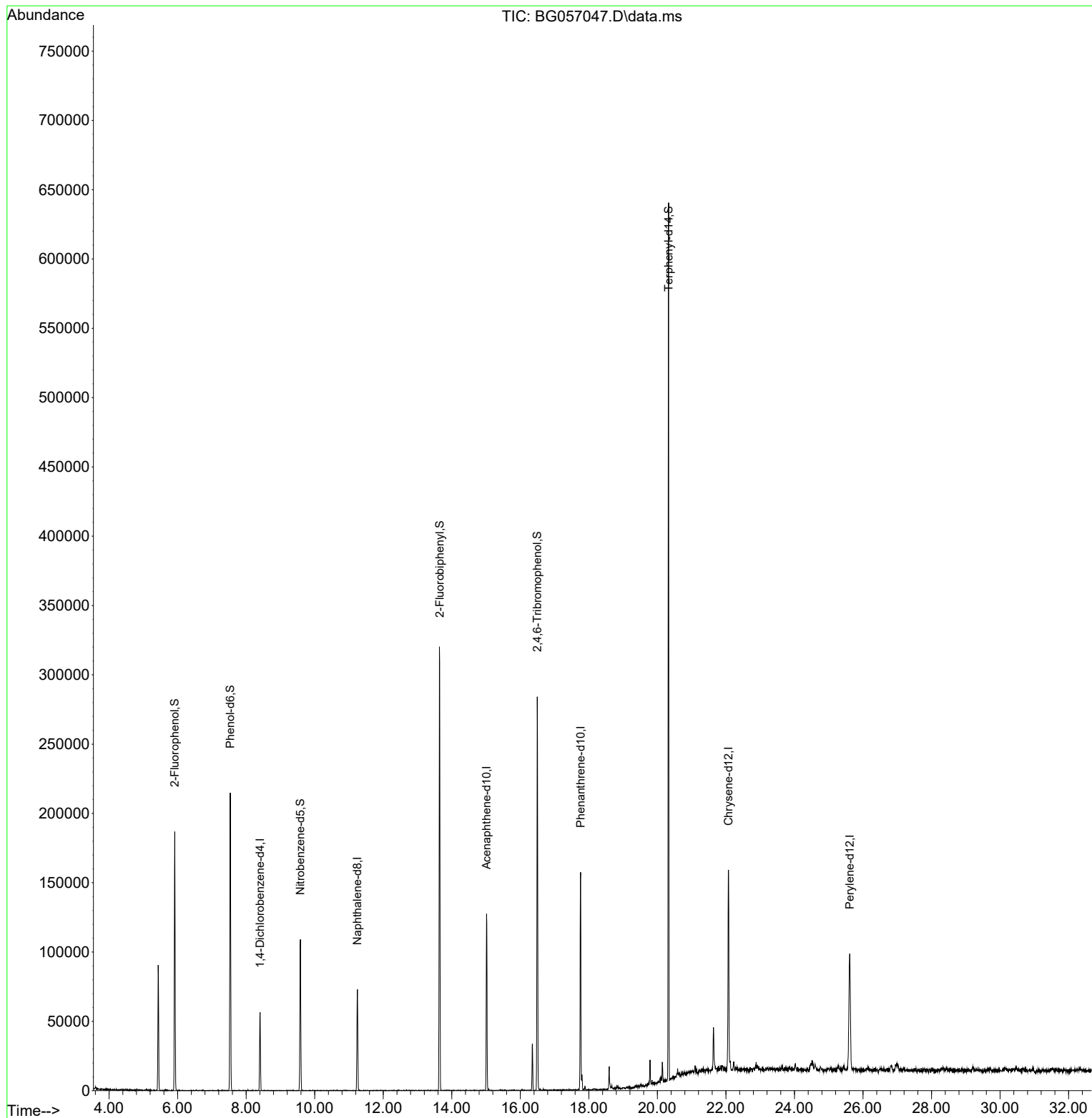
Target Compounds	Qvalue

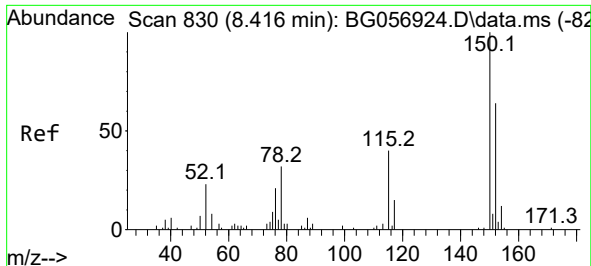
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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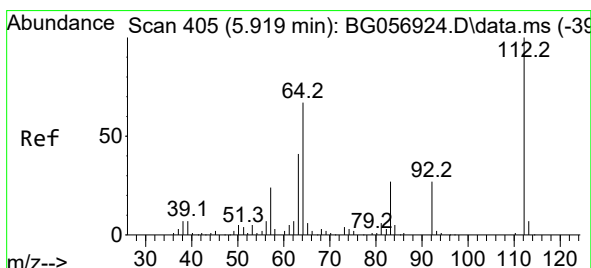
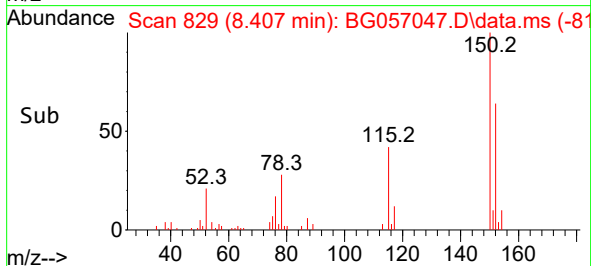
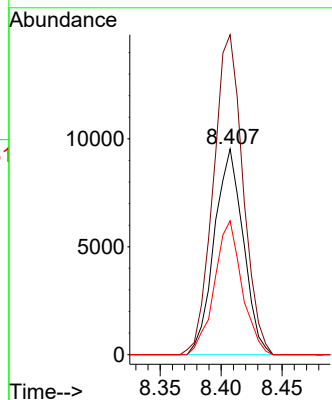
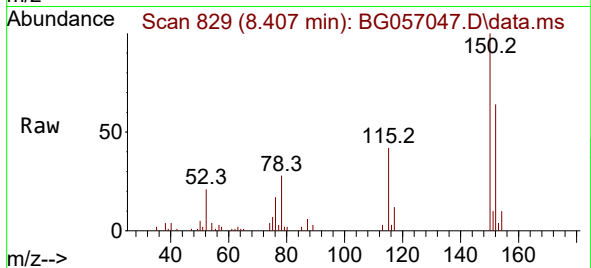




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057047.D
Acq: 10 Apr 2023 16:13

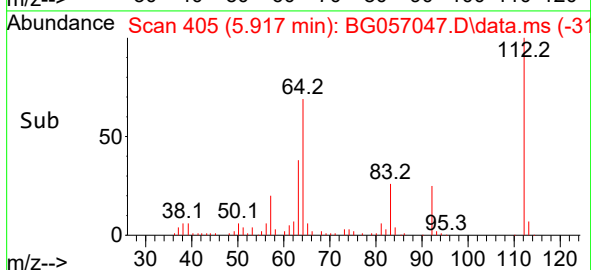
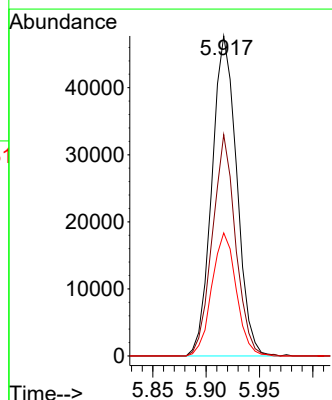
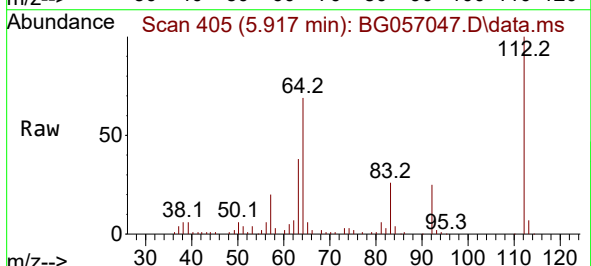
Instrument :
BNA_G
ClientSampleId :
SP-1B

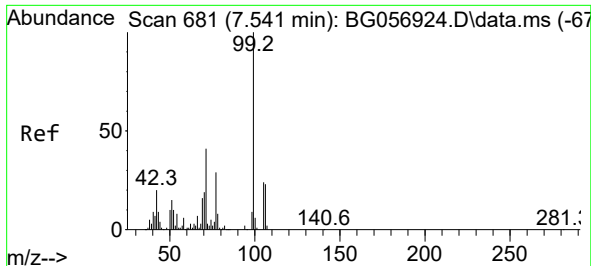
Tgt Ion:152 Resp: 15775
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 65.1 49.1 73.7



#5
2-Fluorophenol
Concen: 78.282 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.000 min
Lab File: BG057047.D
Acq: 10 Apr 2023 16:13

Tgt Ion:112 Resp: 77160
Ion Ratio Lower Upper
112 100
64 69.1 53.2 79.8
63 38.5 32.6 48.8

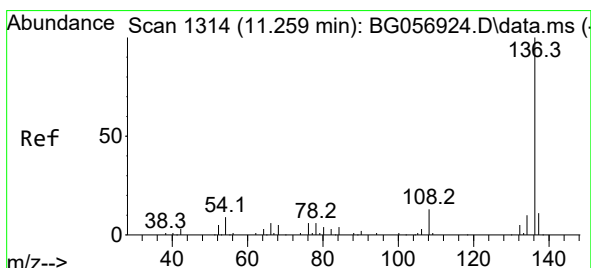
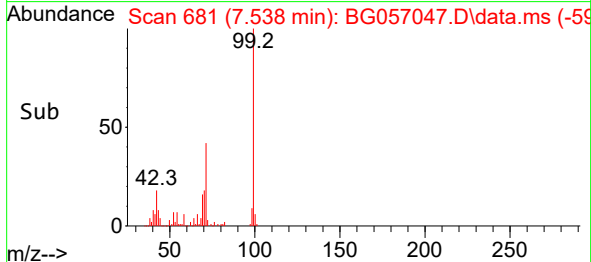
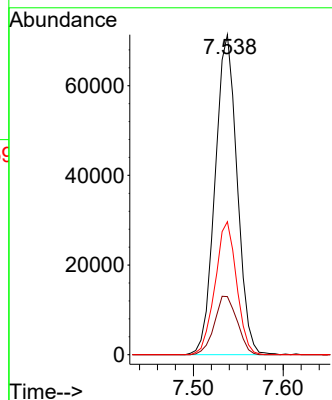
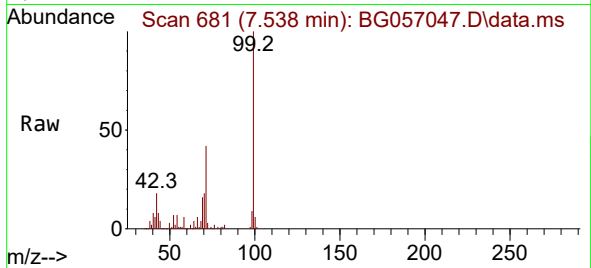




#7
Phenol-d6
Concen: 82.375 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057047.D
Acq: 10 Apr 2023 16:13

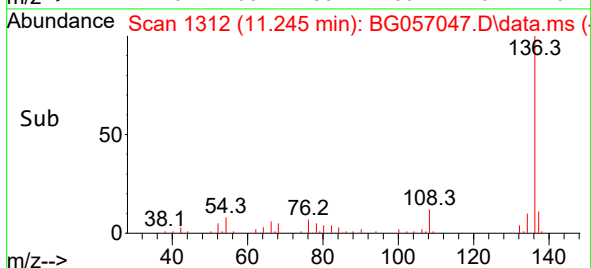
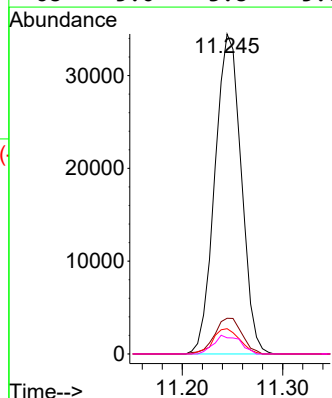
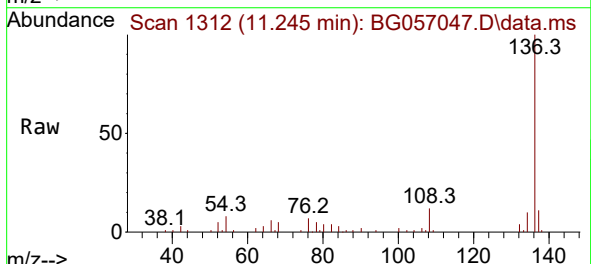
Instrument :
BNA_G
ClientSampleId :
SP-1B

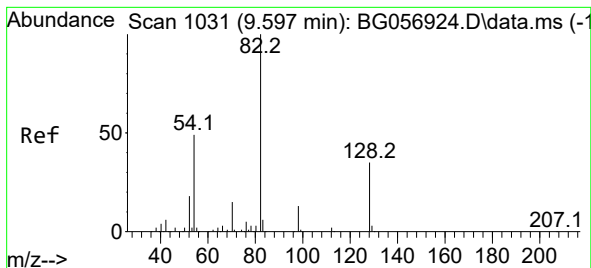
Tgt Ion: 99 Resp: 121436
Ion Ratio Lower Upper
99 100
42 18.1 15.7 23.5
71 41.5 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BG057047.D
Acq: 10 Apr 2023 16:13

Tgt Ion: 136 Resp: 62779
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.9 6.9 10.3
68 5.0 3.8 5.6





#23

Nitrobenzene-d5

Concen: 45.530 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BG057047.D

Acq: 10 Apr 2023 16:13

Instrument :

BNA_G

ClientSampleId :

SP-1B

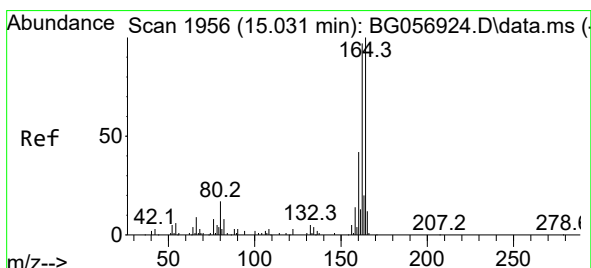
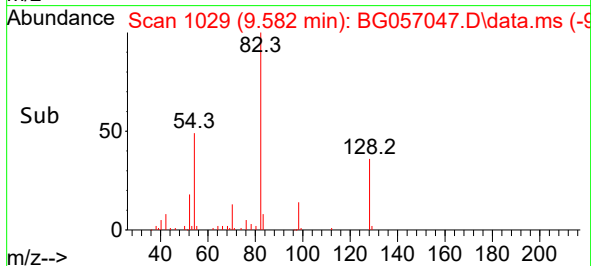
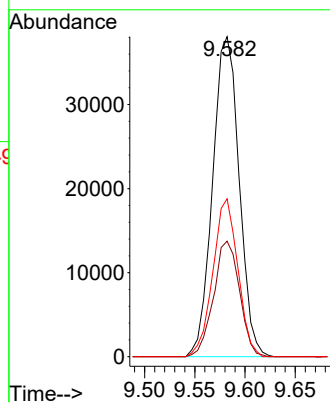
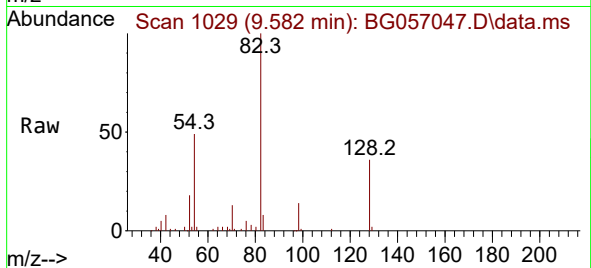
Tgt Ion: 82 Resp: 69855

Ion Ratio Lower Upper

82 100

128 36.1 27.9 41.9

54 49.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BG057047.D

Acq: 10 Apr 2023 16:13

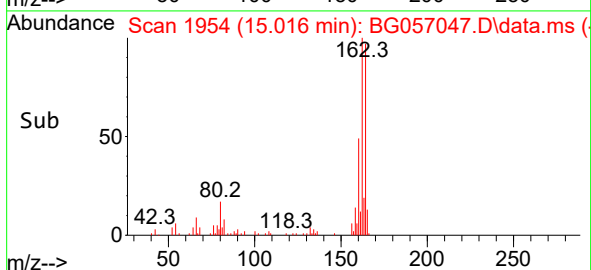
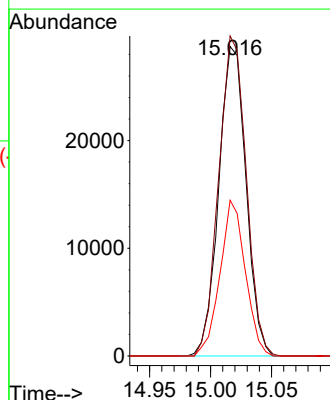
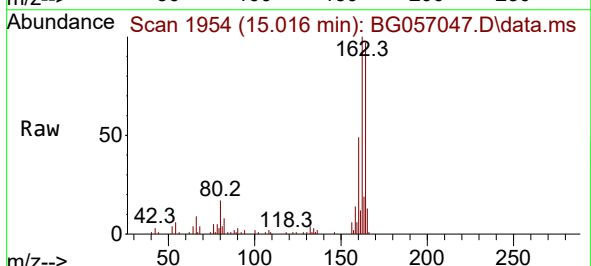
Tgt Ion:164 Resp: 44829

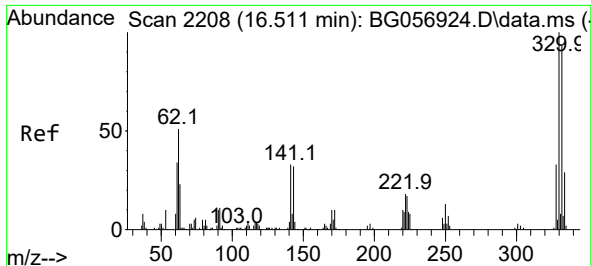
Ion Ratio Lower Upper

164 100

162 103.4 77.8 116.8

160 50.3 33.5 50.3#

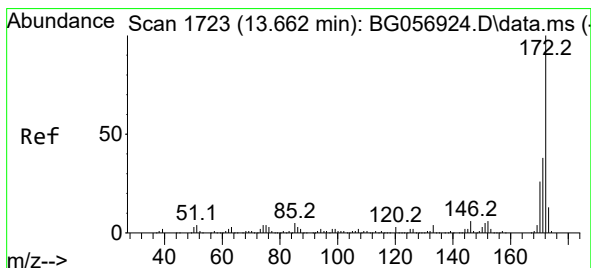
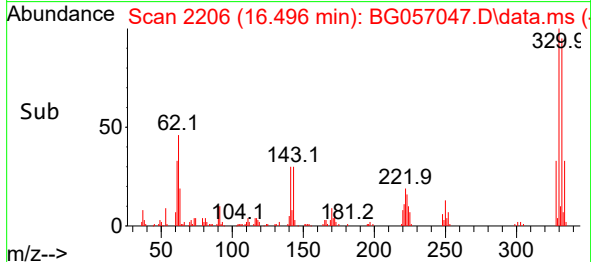
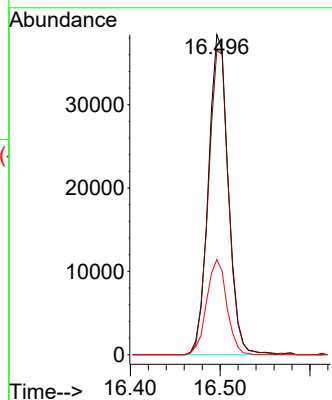
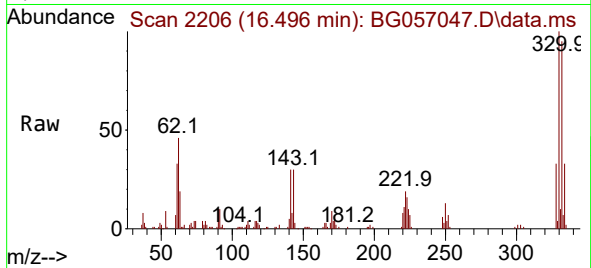




#42
 2,4,6-Tribromophenol
 Concen: 82.387 ng
 RT: 16.496 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057047.D
 Acq: 10 Apr 2023 16:13

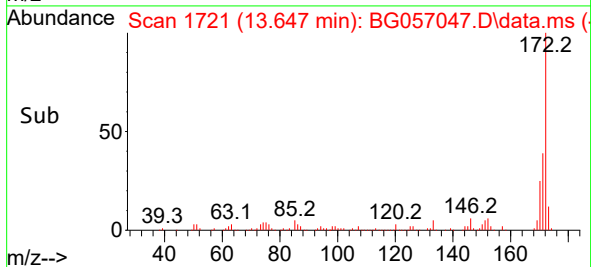
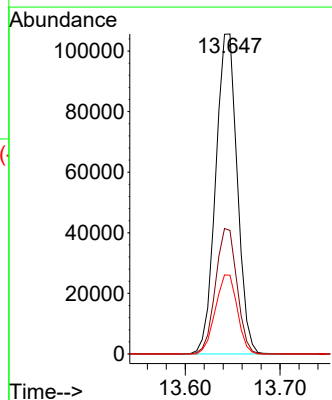
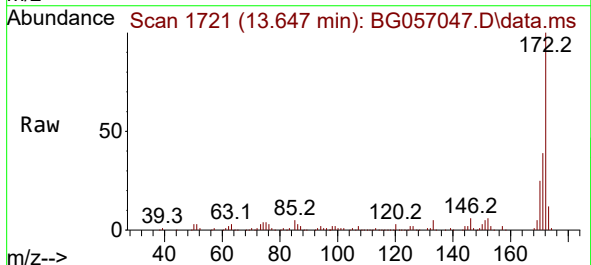
Instrument :
 BNA_G
 ClientSampleId :
 SP-1B

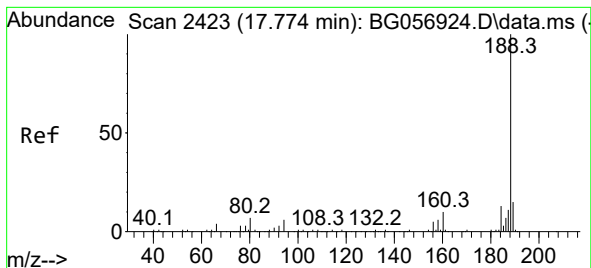
Tgt Ion:330 Resp: 59002
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.1 114.1
 141 30.0 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 50.567 ng
 RT: 13.647 min Scan# 1721
 Delta R.T. -0.000 min
 Lab File: BG057047.D
 Acq: 10 Apr 2023 16:13

Tgt Ion:172 Resp: 167173
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.6 46.0
 170 24.6 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.759 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG057047.D

Acq: 10 Apr 2023 16:13

Instrument :

BNA_G

ClientSampleId :

SP-1B

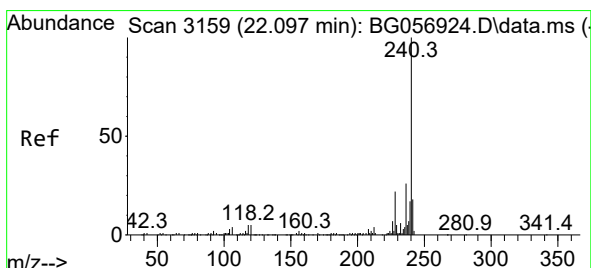
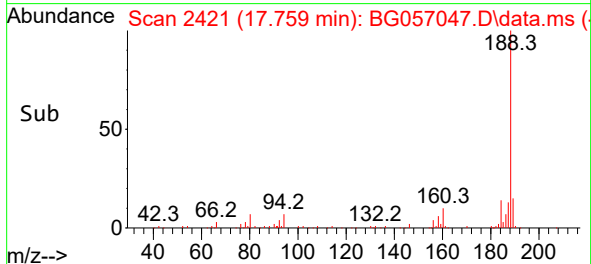
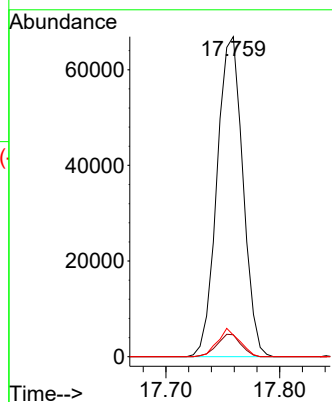
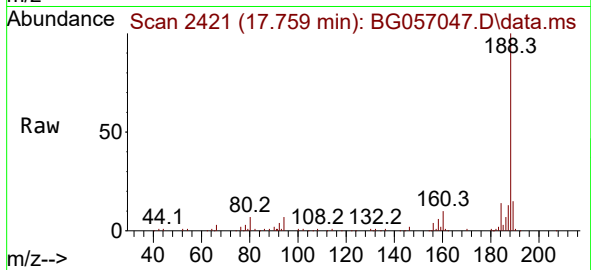
Tgt Ion:188 Resp: 105670

Ion Ratio Lower Upper

188 100

94 6.8 4.6 6.8

80 6.8 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.077 min Scan# 3156

Delta R.T. -0.006 min

Lab File: BG057047.D

Acq: 10 Apr 2023 16:13

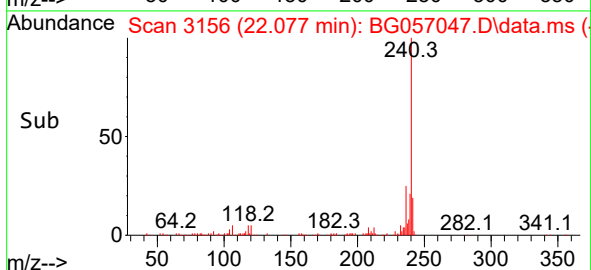
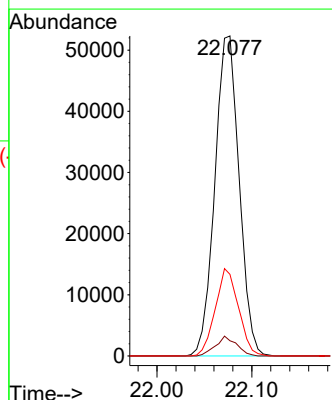
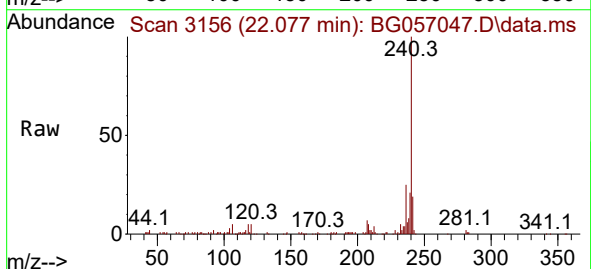
Tgt Ion:240 Resp: 93242

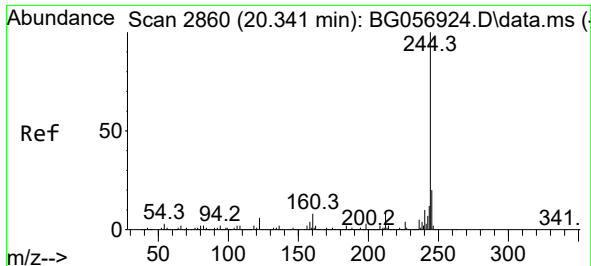
Ion Ratio Lower Upper

240 100

120 4.7 3.8 5.6

236 25.5 21.0 31.6

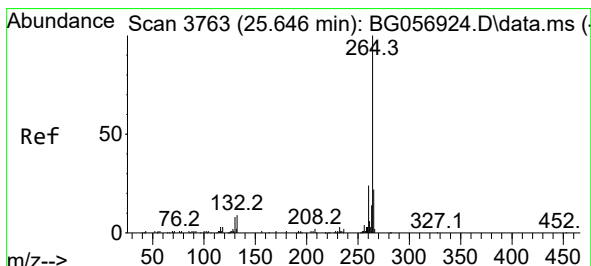
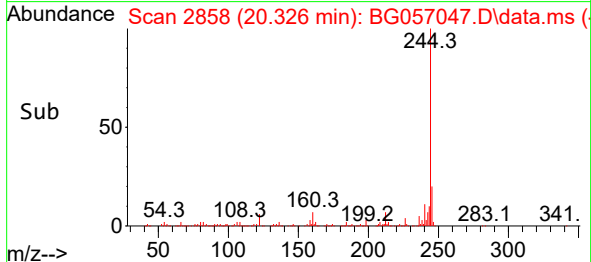
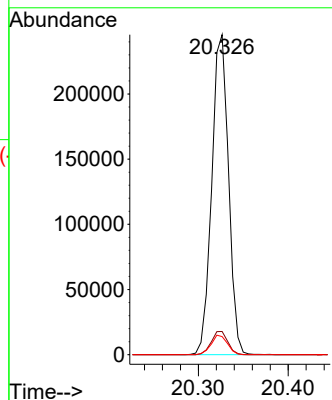
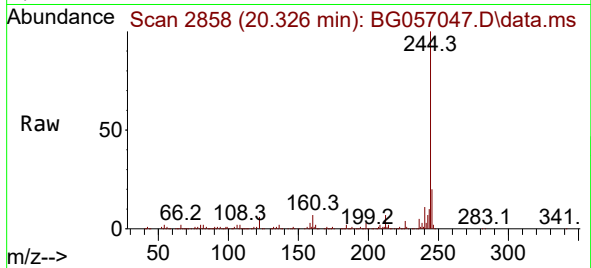




#79
 Terphenyl-d14
 Concen: 57.671 ng
 RT: 20.326 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057047.D
 Acq: 10 Apr 2023 16:13

Instrument :
 BNA_G
 ClientSampleId :
 SP-1B

Tgt Ion:244 Resp: 317781
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.6 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.613 min Scan# 3758
 Delta R.T. -0.018 min
 Lab File: BG057047.D
 Acq: 10 Apr 2023 16:13

Tgt Ion:264 Resp: 101110
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.0 28.4
 265 20.4 17.8 26.6

