

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057092.D
 Acq On : 13 Apr 2023 22:11
 Operator : CG/JU
 Sample : 02292-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G1-041123

Quant Time: Apr 14 01:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	12826	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	50270	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	36866	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	100711	20.000	ng	0.00
76) Chrysene-d12	22.065	240	97903	20.000	ng	#-0.02
86) Perylene-d12	25.596	264	105641	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	109615	136.779	ng	0.00
7) Phenol-d6	7.532	99	134444	112.168	ng	0.00
23) Nitrobenzene-d5	9.576	82	104860	85.351	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	87736	148.971	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	227761	83.775	ng	0.00
79) Terphenyl-d14	20.321	244	581050	100.429	ng	0.00

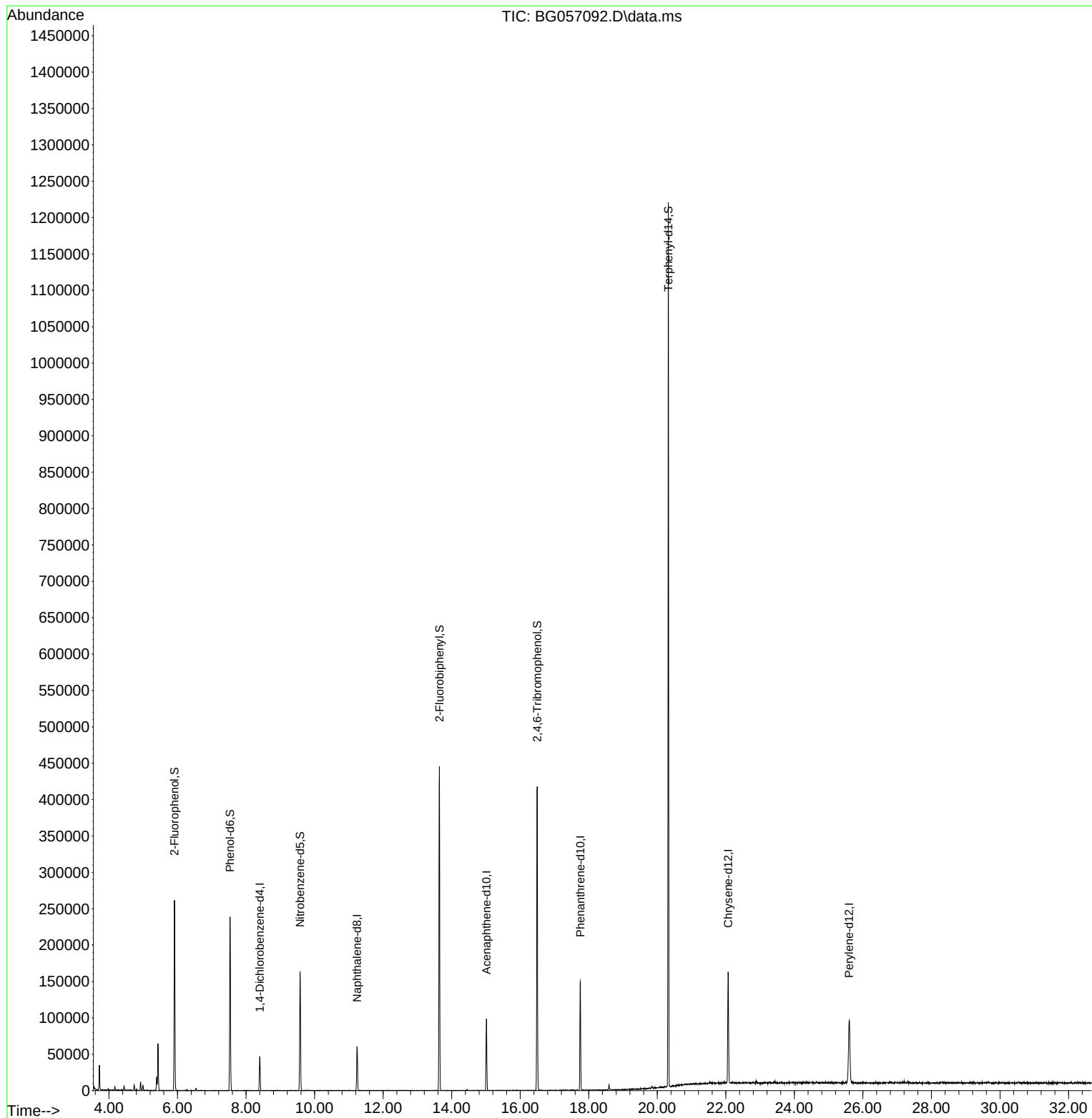
Target Compounds Qvalue

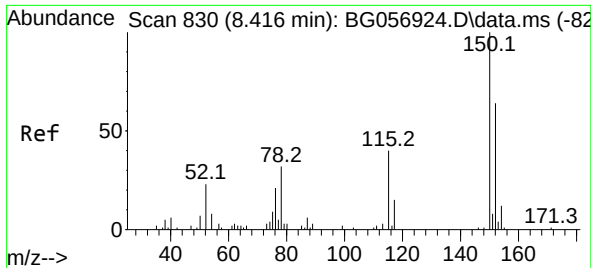
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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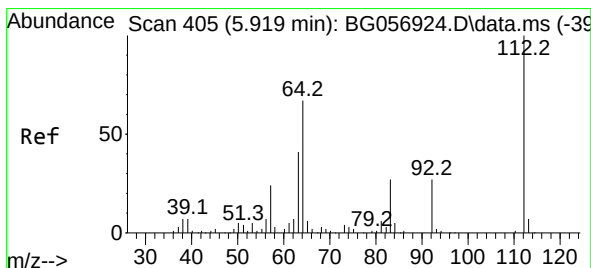
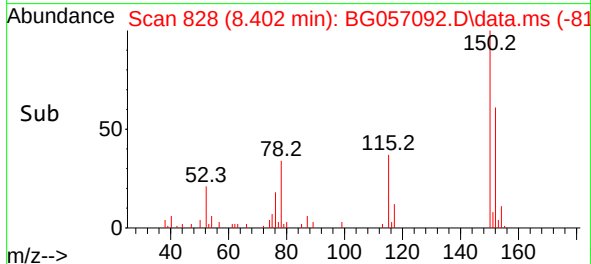
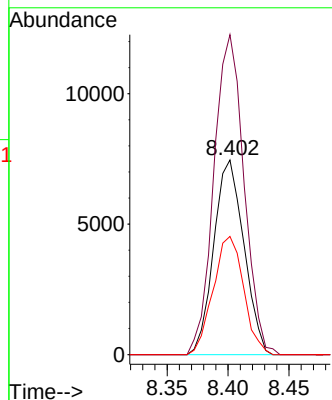
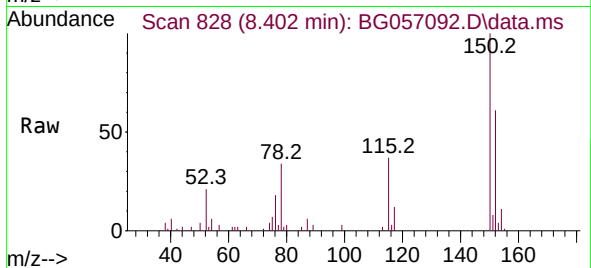




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

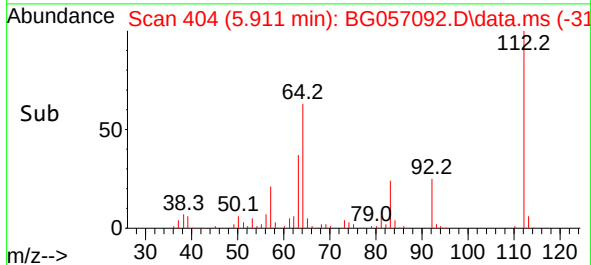
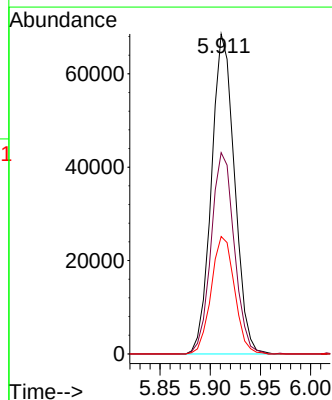
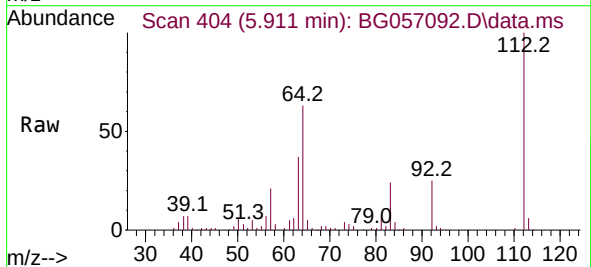
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

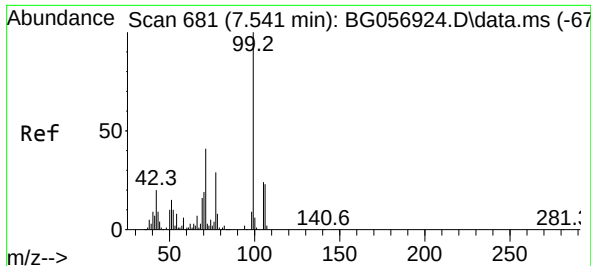
Tgt Ion:152 Resp: 12826
Ion Ratio Lower Upper
152 100
150 164.4 124.1 186.1
115 60.7 49.1 73.7



#5
2-Fluorophenol
Concen: 136.779 ng
RT: 5.911 min Scan# 404
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion:112 Resp: 109615
Ion Ratio Lower Upper
112 100
64 62.9 53.2 79.8
63 36.7 32.6 48.8

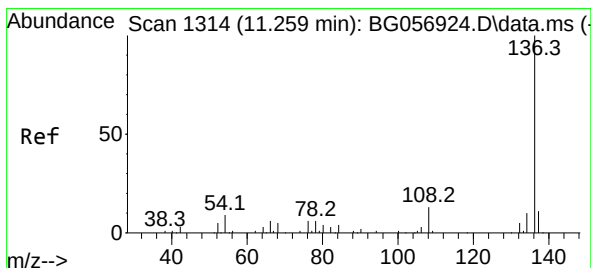
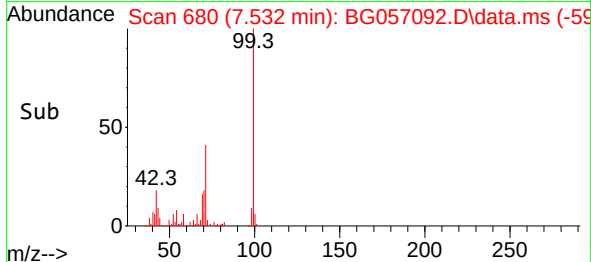
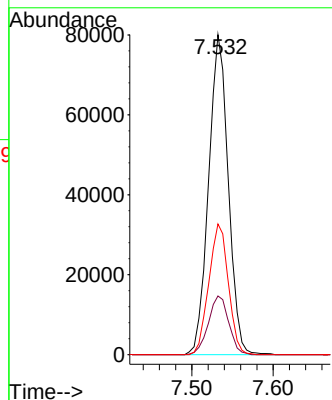
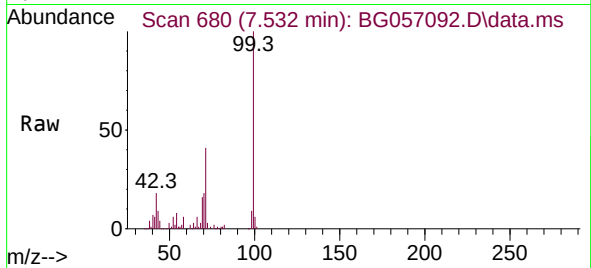




#7
Phenol-d6
Concen: 112.168 ng
RT: 7.532 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

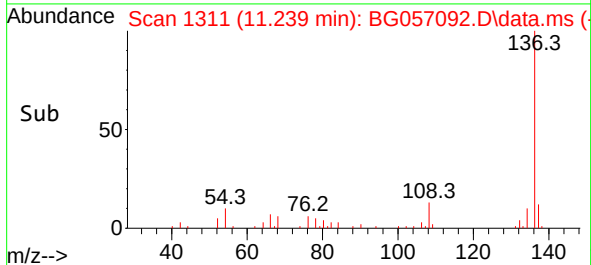
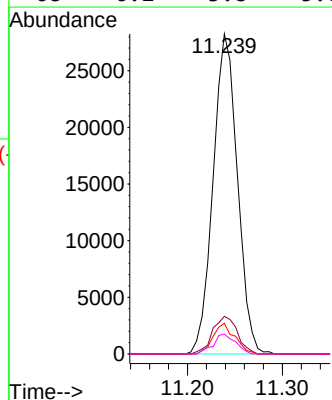
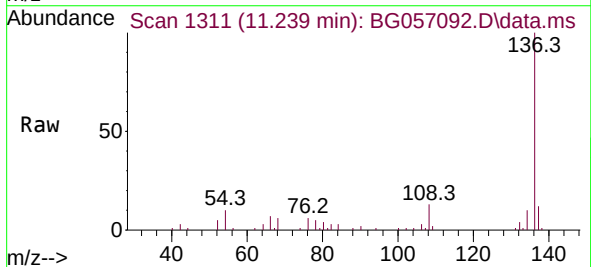
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

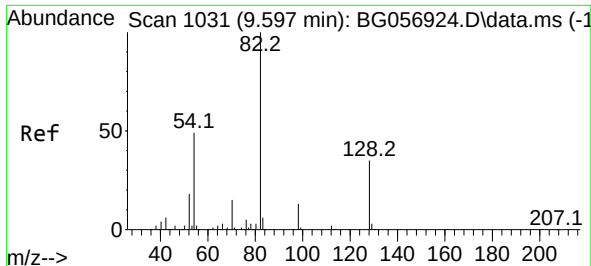
Tgt Ion: 99 Resp: 134444
Ion Ratio Lower Upper
99 100
42 18.3 15.7 23.5
71 40.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.239 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion: 136 Resp: 50270
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.6 6.9 10.3
68 6.2 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 85.351 ng

RT: 9.576 min Scan# 1028

Delta R.T. -0.010 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123

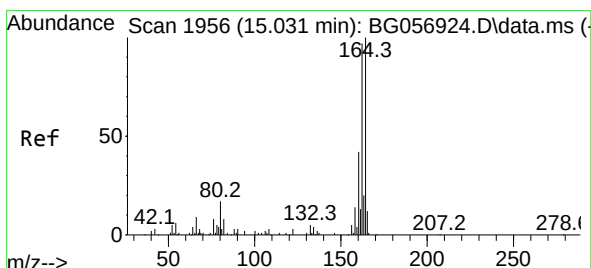
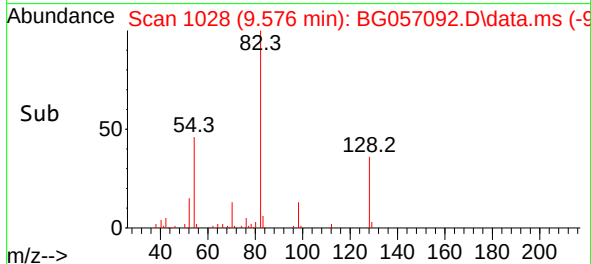
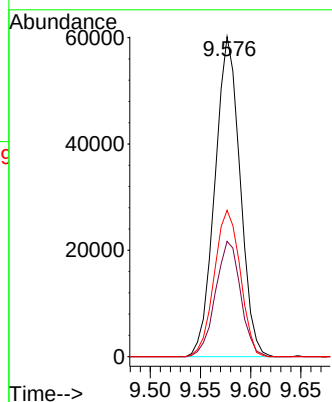
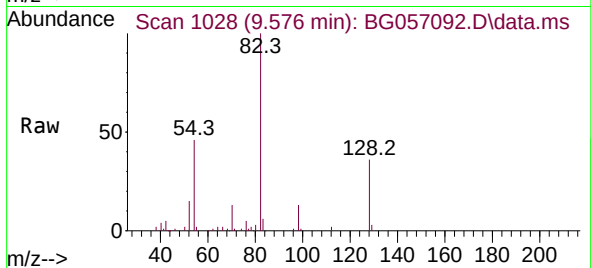
Tgt Ion: 82 Resp: 104860

Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

54 45.7 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.004 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

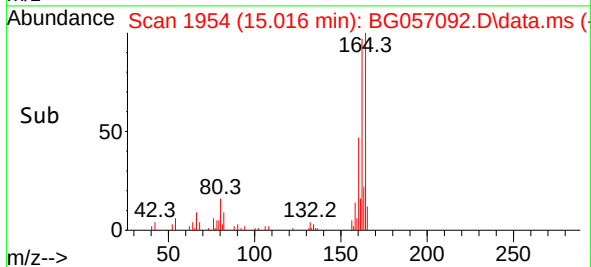
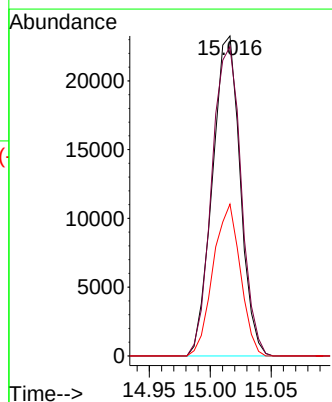
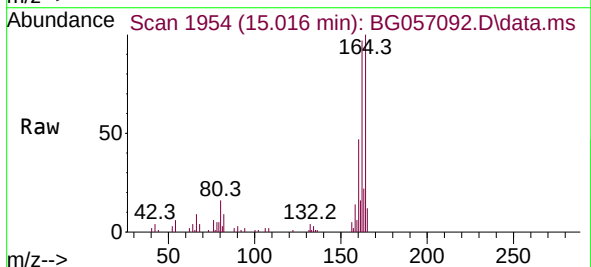
Tgt Ion: 164 Resp: 36866

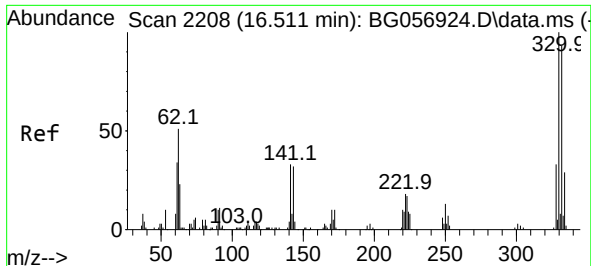
Ion Ratio Lower Upper

164 100

162 96.6 77.8 116.8

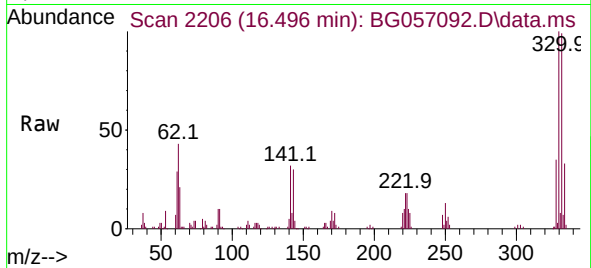
160 47.5 33.5 50.3



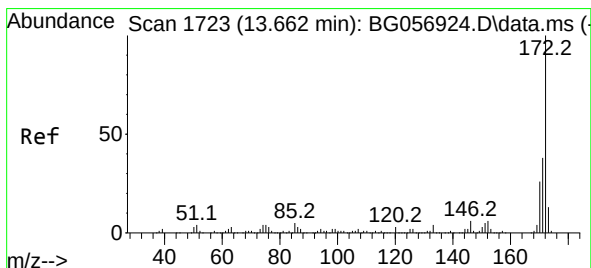
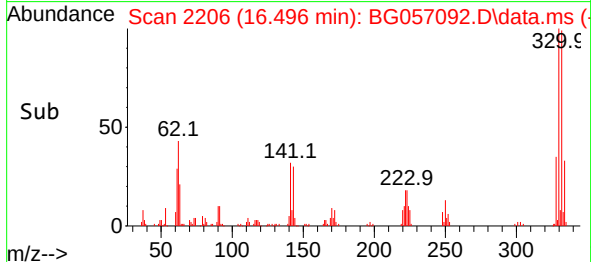
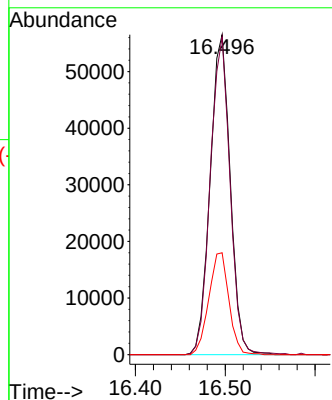


#42
2,4,6-Tribromophenol
Concen: 148.971 ng
RT: 16.496 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G1-041123

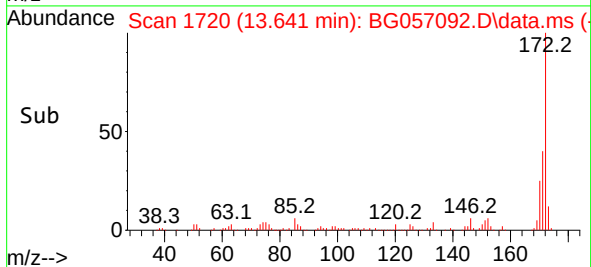
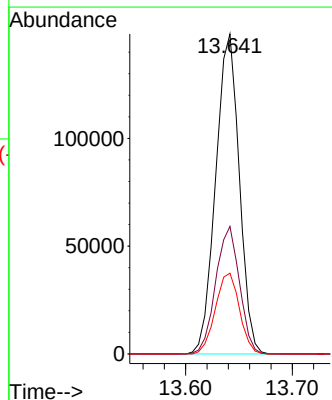
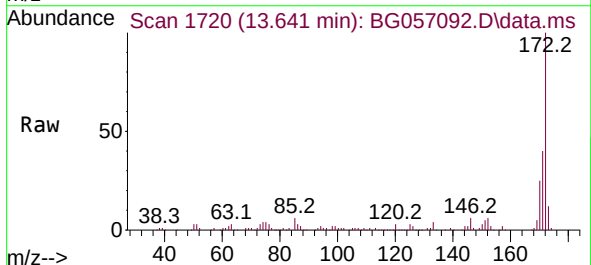


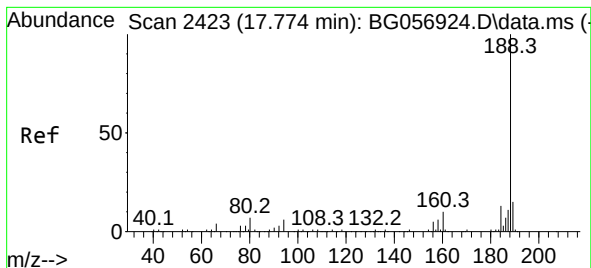
Tgt Ion:330 Resp: 87736
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 31.9 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 83.775 ng
RT: 13.641 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057092.D
Acq: 13 Apr 2023 22:11

Tgt Ion:172 Resp: 227761
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 25.2 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123

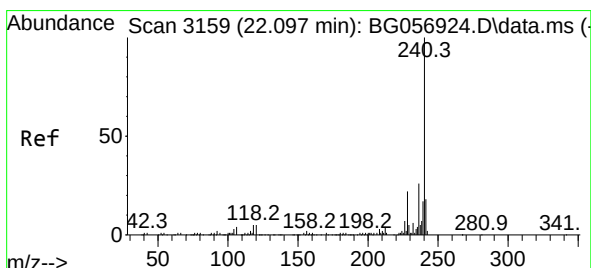
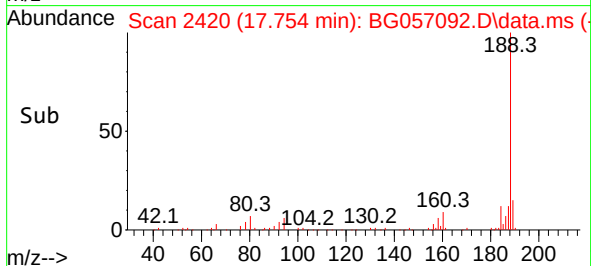
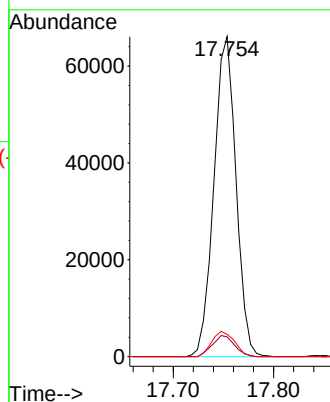
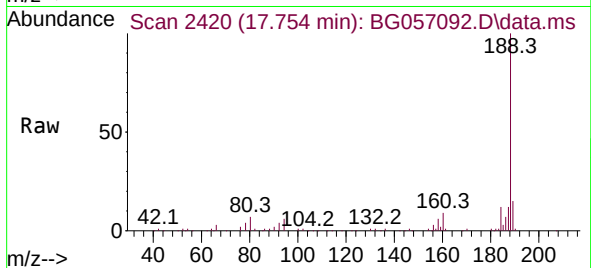
Tgt Ion:188 Resp: 100711

Ion Ratio Lower Upper

188 100

94 6.2 4.6 6.8

80 7.0 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.065 min Scan# 3154

Delta R.T. -0.016 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

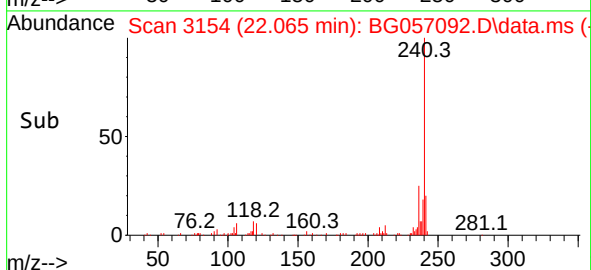
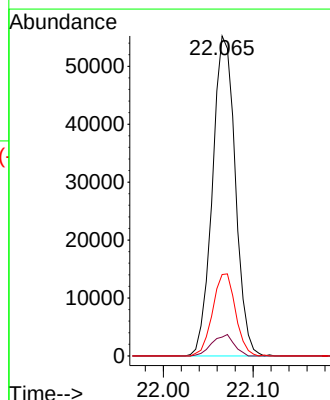
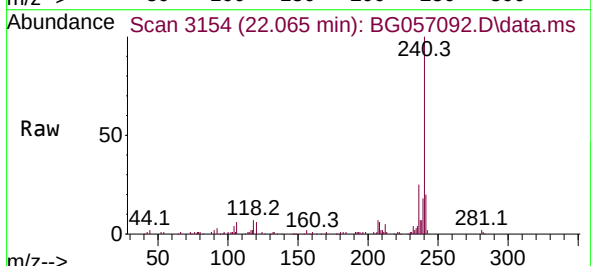
Tgt Ion:240 Resp: 97903

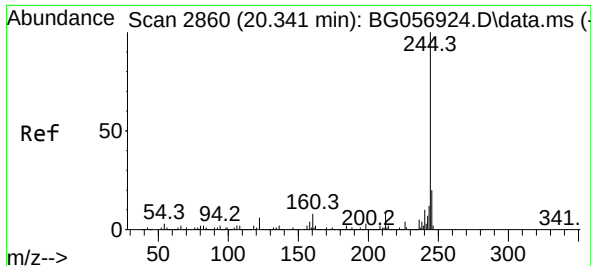
Ion Ratio Lower Upper

240 100

120 5.9 3.8 5.6#

236 25.4 21.0 31.6





#79

Terphenyl-d14

Concen: 100.429 ng

RT: 20.321 min Scan# 2860

Delta R.T. -0.004 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G1-041123

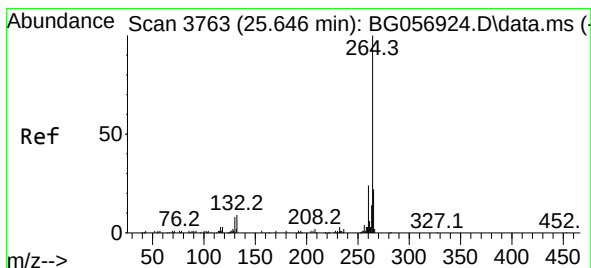
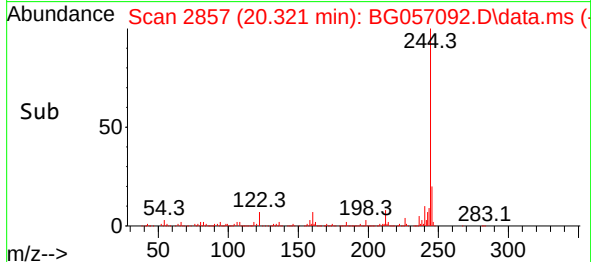
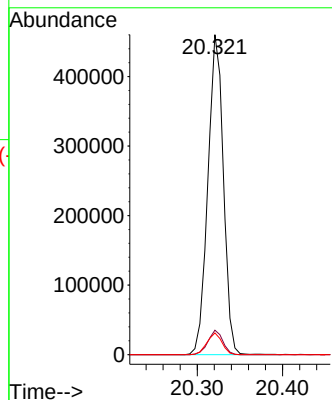
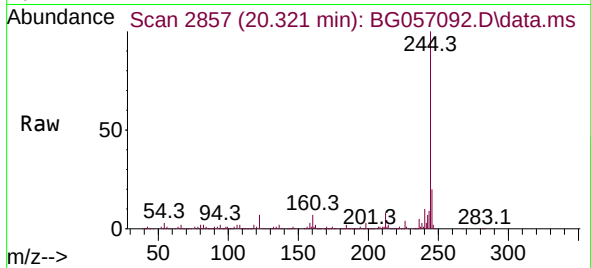
Tgt Ion:244 Resp: 581050

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.8 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.596 min Scan# 3755

Delta R.T. -0.016 min

Lab File: BG057092.D

Acq: 13 Apr 2023 22:11

Tgt Ion:264 Resp: 105641

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.5 17.8 26.6

