

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057712.D
 Acq On : 14 Jun 2023 17:57
 Operator : CG/JU
 Sample : 03167-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GA

Quant Time: Jun 15 01:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	45631	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	188874	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	117096	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	252120	20.000	ng	0.00
76) Chrysene-d12	21.568	240	204950	20.000	ng	0.00
86) Perylene-d12	24.735	264	248041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	370391	132.170	ng	0.00
7) Phenol-d6	7.103	99	505032	117.309	ng	0.00
23) Nitrobenzene-d5	9.101	82	286495	92.602	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	171634	131.380	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	631224	80.353	ng	0.00
79) Terphenyl-d14	19.935	244	872394	78.699	ng	0.00

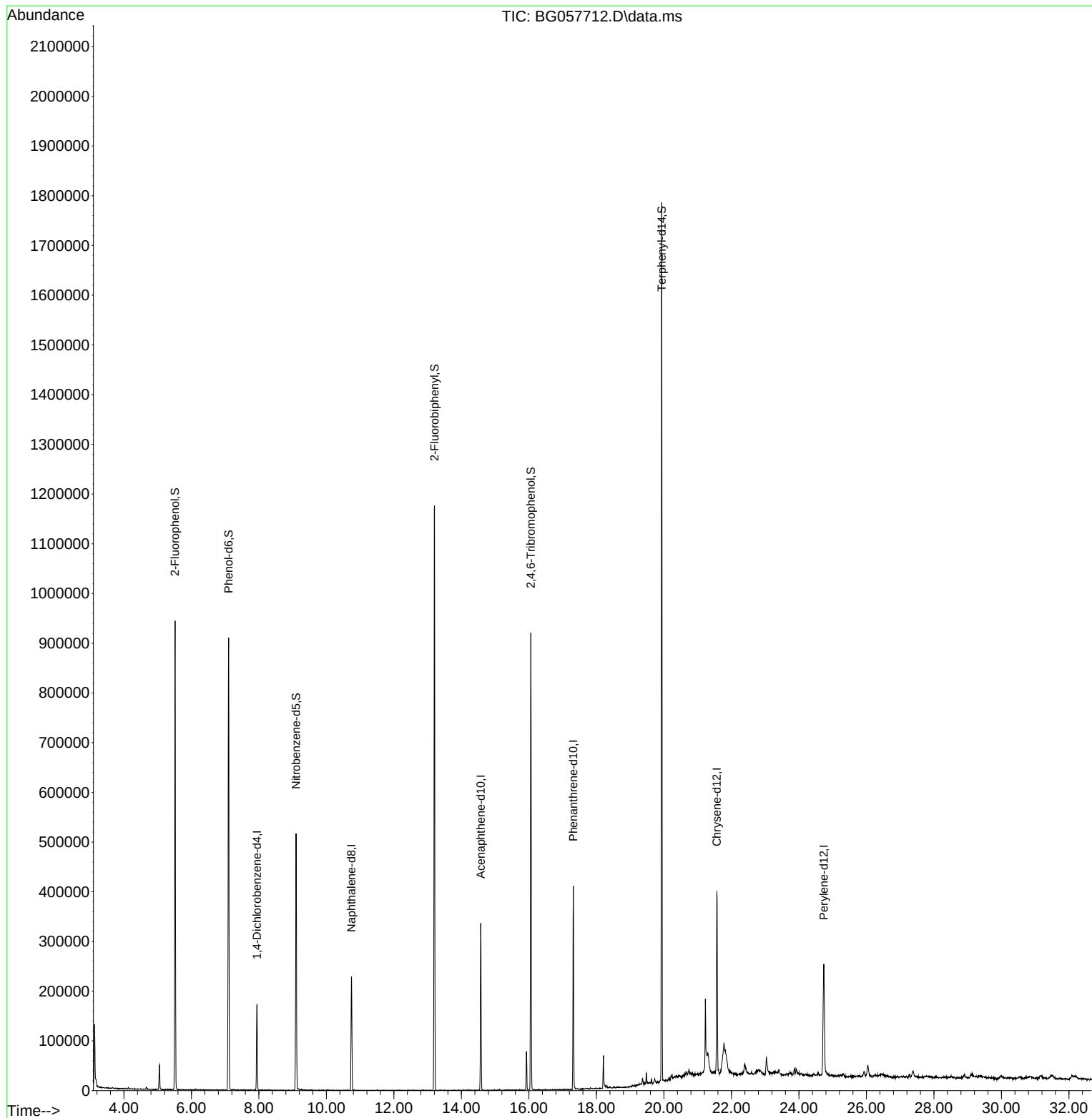
Target Compounds	Qvalue

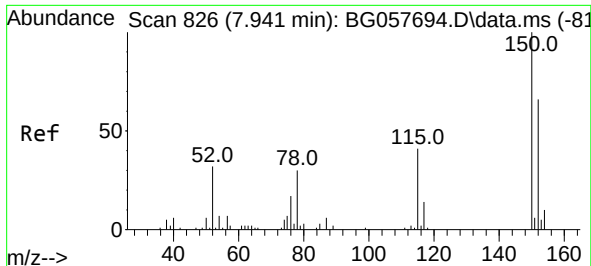
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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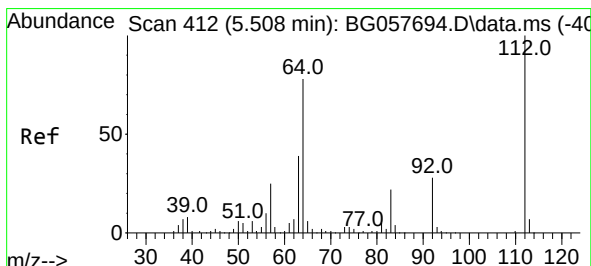
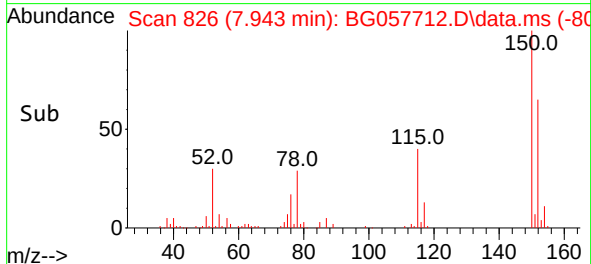
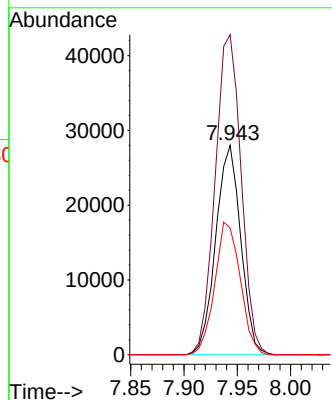
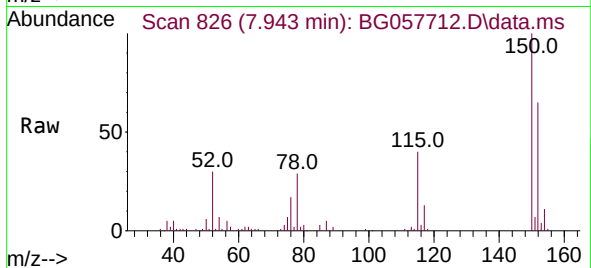




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

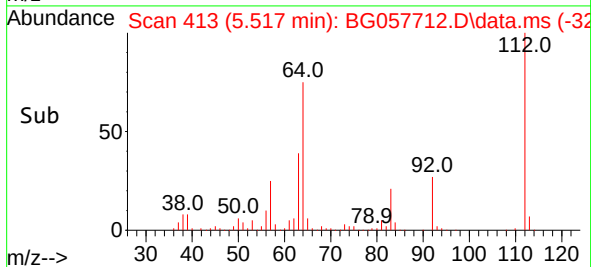
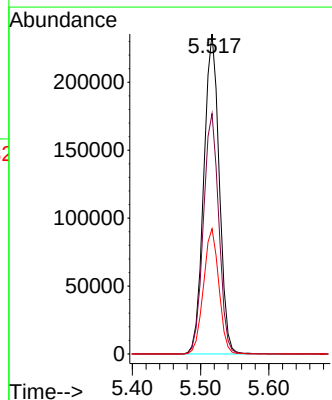
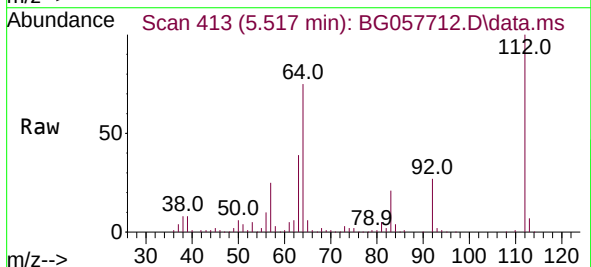
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

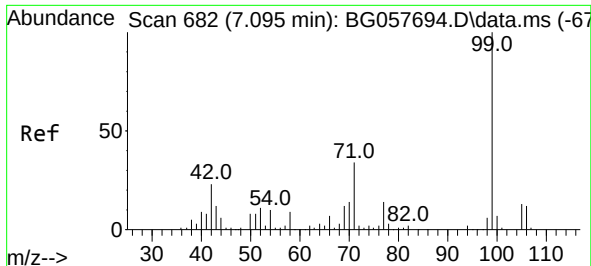
Tgt Ion:152 Resp: 45631
Ion Ratio Lower Upper
152 100
150 152.9 120.8 181.2
115 60.5 49.4 74.2



#5
2-Fluorophenol
Concen: 132.170 ng
RT: 5.517 min Scan# 413
Delta R.T. 0.008 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

Tgt Ion:112 Resp: 370391
Ion Ratio Lower Upper
112 100
64 75.1 62.3 93.5
63 39.2 31.5 47.3

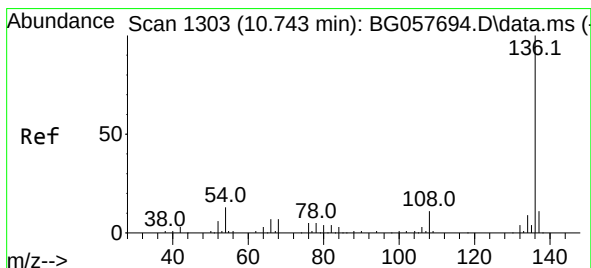
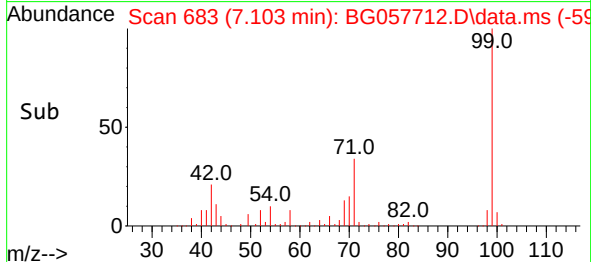
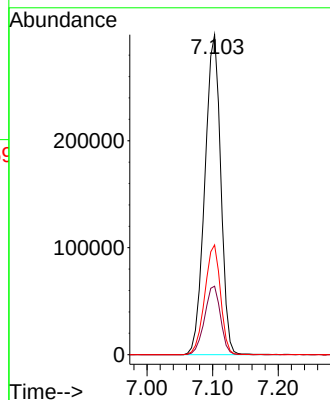
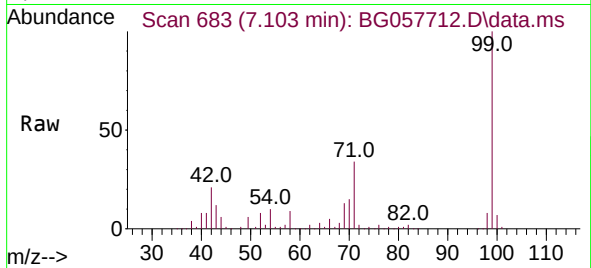




#7
Phenol-d6
Concen: 117.309 ng
RT: 7.103 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

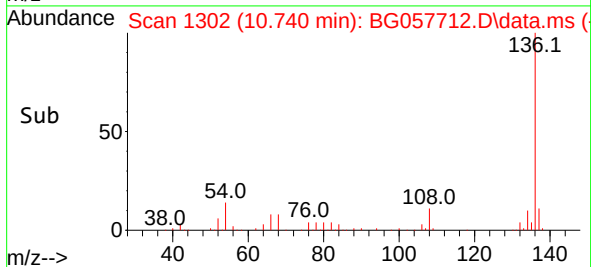
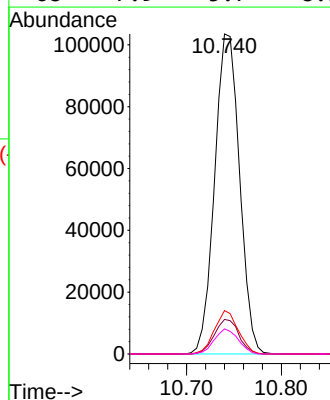
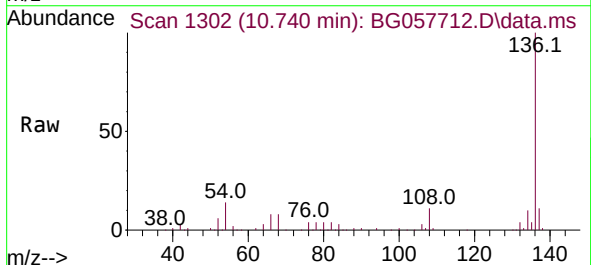
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

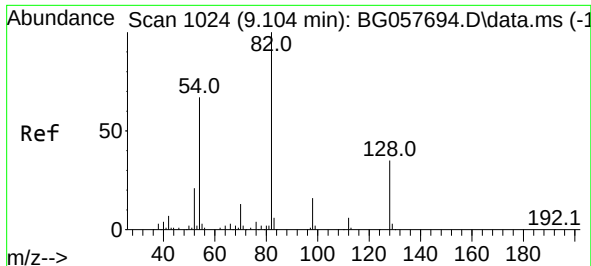
Tgt Ion: 99 Resp: 505032
Ion Ratio Lower Upper
99 100
42 21.4 18.3 27.5
71 34.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.003 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

Tgt Ion: 136 Resp: 188874
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 13.6 10.8 16.2
68 7.9 5.7 8.5





#23

Nitrobenzene-d5

Concen: 92.602 ng

RT: 9.101 min Scan# 1023

Delta R.T. -0.003 min

Lab File: BG057712.D

Acq: 14 Jun 2023 17:57

Instrument :

BNA_G

ClientSampleId :

TP-4-GA

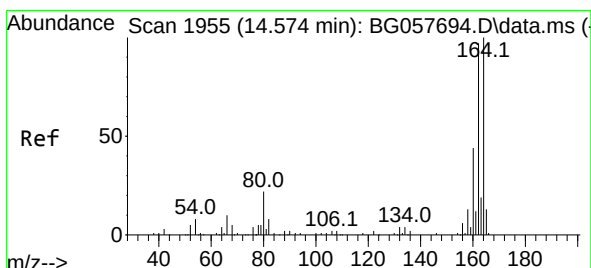
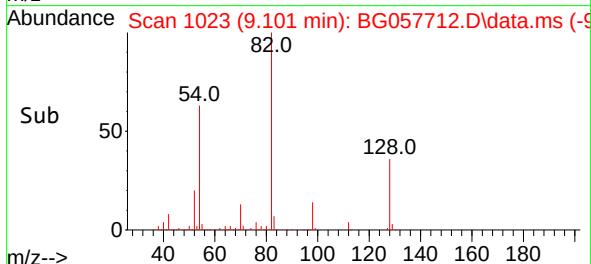
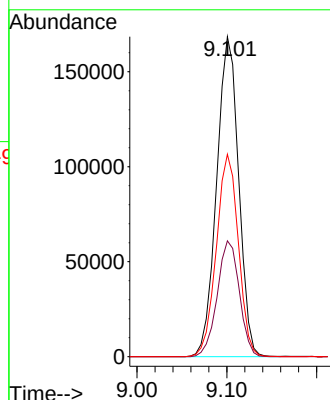
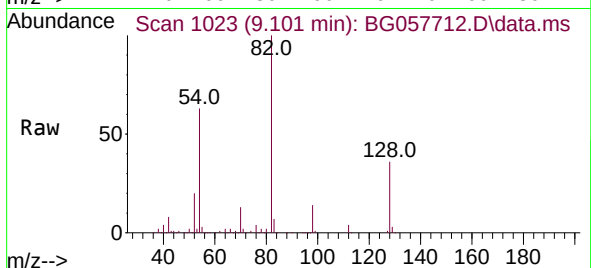
Tgt Ion: 82 Resp: 286495

Ion Ratio Lower Upper

82 100

128 36.2 27.7 41.5

54 63.2 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057712.D

Acq: 14 Jun 2023 17:57

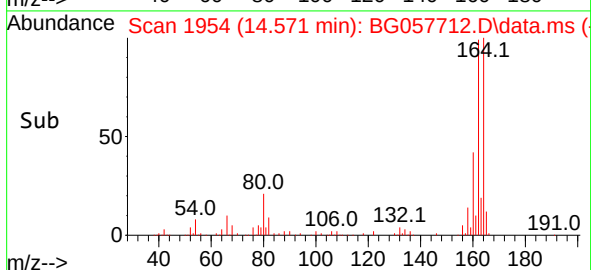
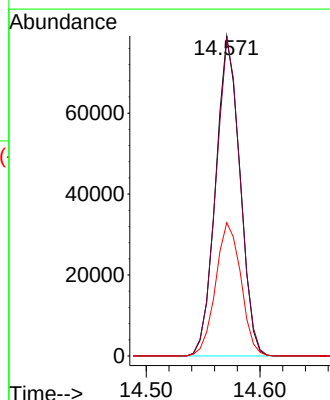
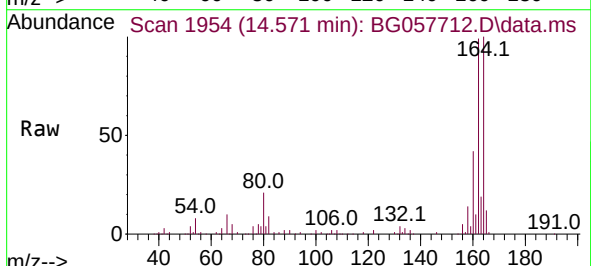
Tgt Ion: 164 Resp: 117096

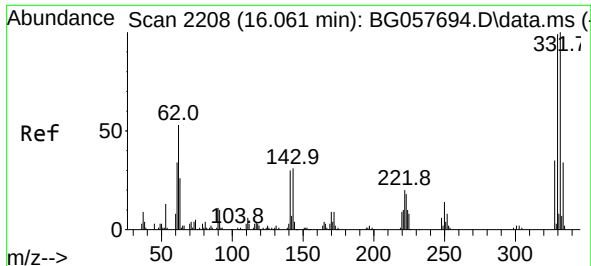
Ion Ratio Lower Upper

164 100

162 99.0 77.7 116.5

160 41.6 35.1 52.7

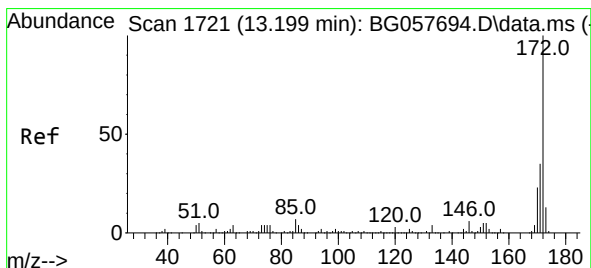
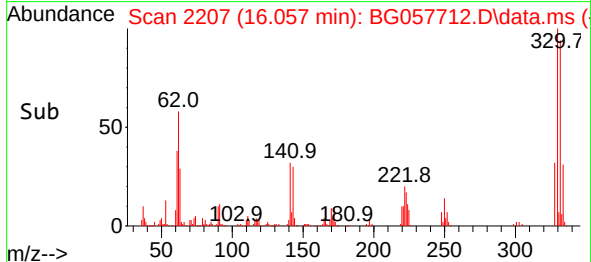
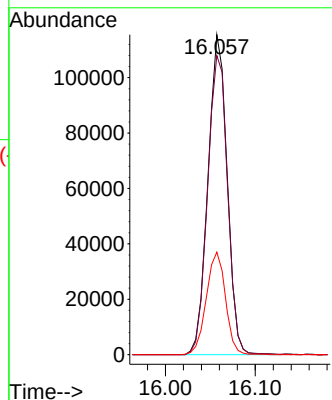
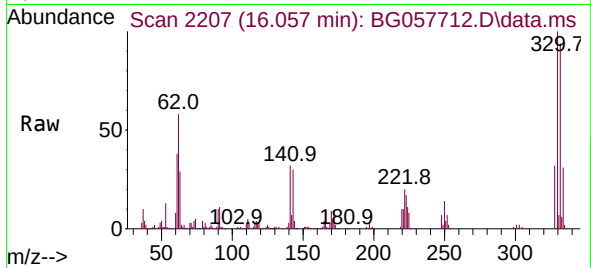




#42
2,4,6-Tribromophenol
Concen: 131.380 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

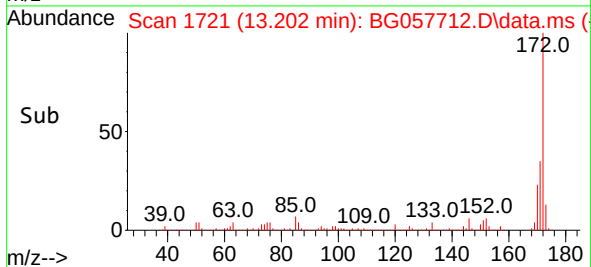
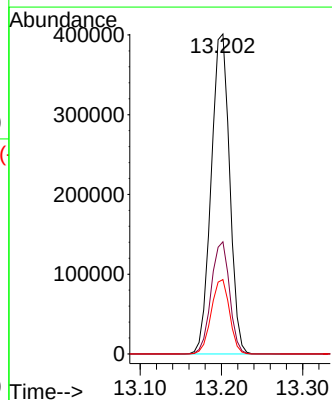
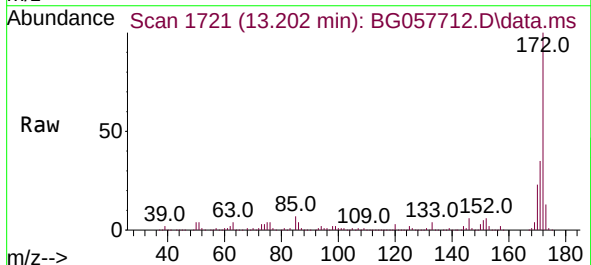
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

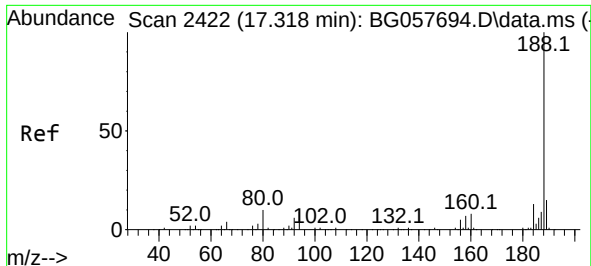
Tgt Ion:330 Resp: 171634
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.6
141 32.0 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 80.353 ng
RT: 13.202 min Scan# 1721
Delta R.T. 0.002 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

Tgt Ion:172 Resp: 631224
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.3 18.2 27.4

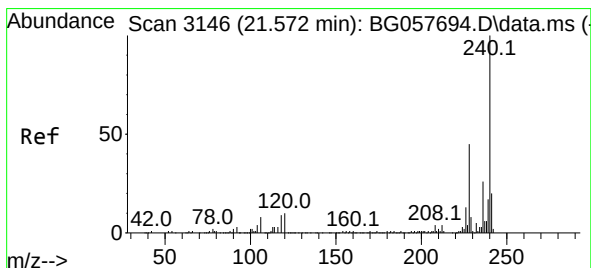
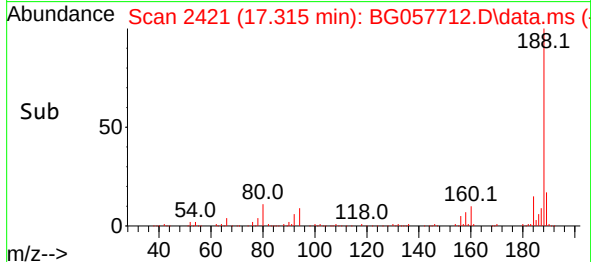
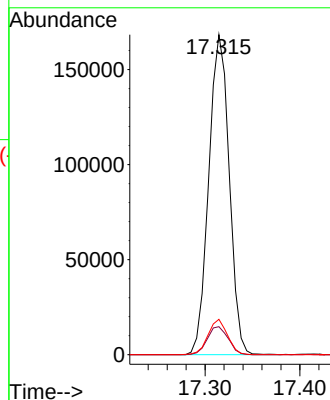
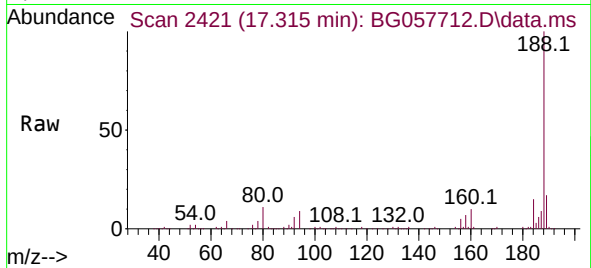




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

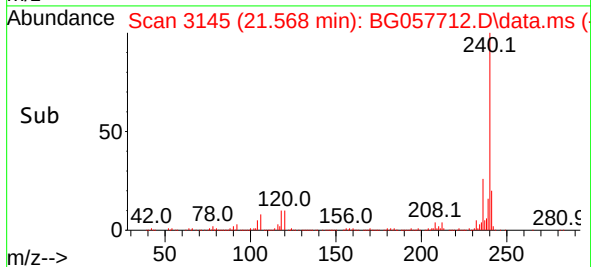
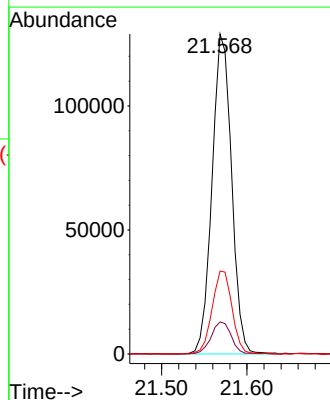
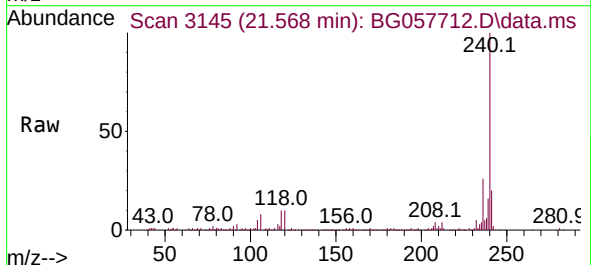
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

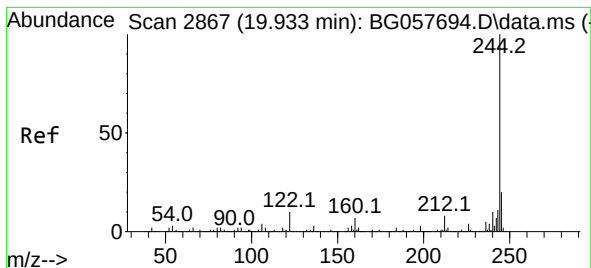
Tgt Ion:188 Resp: 252120
Ion Ratio Lower Upper
188 100
94 8.8 6.9 10.3
80 11.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.568 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG057712.D
Acq: 14 Jun 2023 17:57

Tgt Ion:240 Resp: 204950
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 78.699 ng

RT: 19.935 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057712.D

Acq: 14 Jun 2023 17:57

Instrument :

BNA_G

ClientSampleId :

TP-4-GA

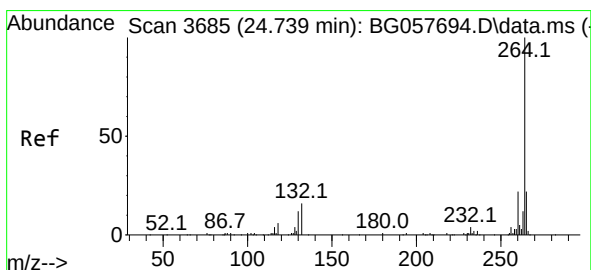
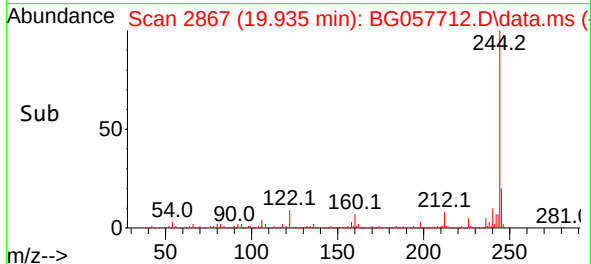
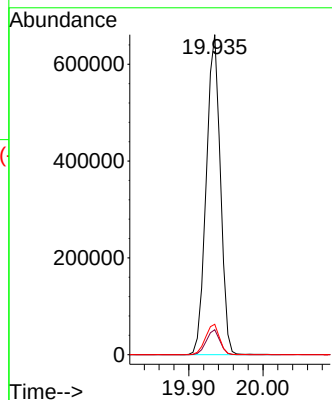
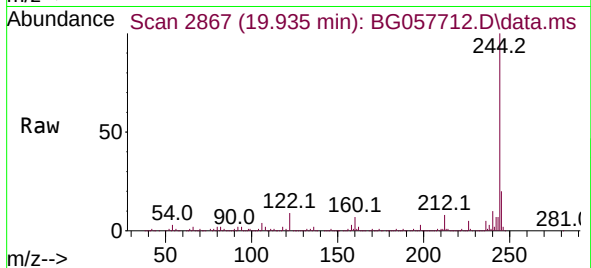
Tgt Ion:244 Resp: 872394

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 9.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.735 min Scan# 3684

Delta R.T. -0.004 min

Lab File: BG057712.D

Acq: 14 Jun 2023 17:57

Tgt Ion:264 Resp: 248041

Ion Ratio Lower Upper

264 100

260 22.2 17.3 25.9

265 21.9 17.5 26.3

