

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057474.D
 Acq On : 19 May 2023 19:33
 Operator : CG/JU
 Sample : 02848-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP5

Quant Time: May 20 04:29:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.351	152	17811	20.000	ng	-0.01
21) Naphthalene-d8	11.188	136	67356	20.000	ng	-0.01
39) Acenaphthene-d10	14.966	164	52089	20.000	ng	-0.01
64) Phenanthrene-d10	17.709	188	132842	20.000	ng	0.00
76) Chrysene-d12	22.015	240	127292	20.000	ng	0.00
86) Perylene-d12	25.510	264	135942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	100680	96.695	ng	0.00
7) Phenol-d6	7.493	99	145869	92.257	ng	0.00
23) Nitrobenzene-d5	9.532	82	92293	57.509	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	75347	101.946	ng	0.00
45) 2-Fluorobiphenyl	13.591	172	232927	60.225	ng	-0.01
79) Terphenyl-d14	20.276	244	418153	53.608	ng	0.00

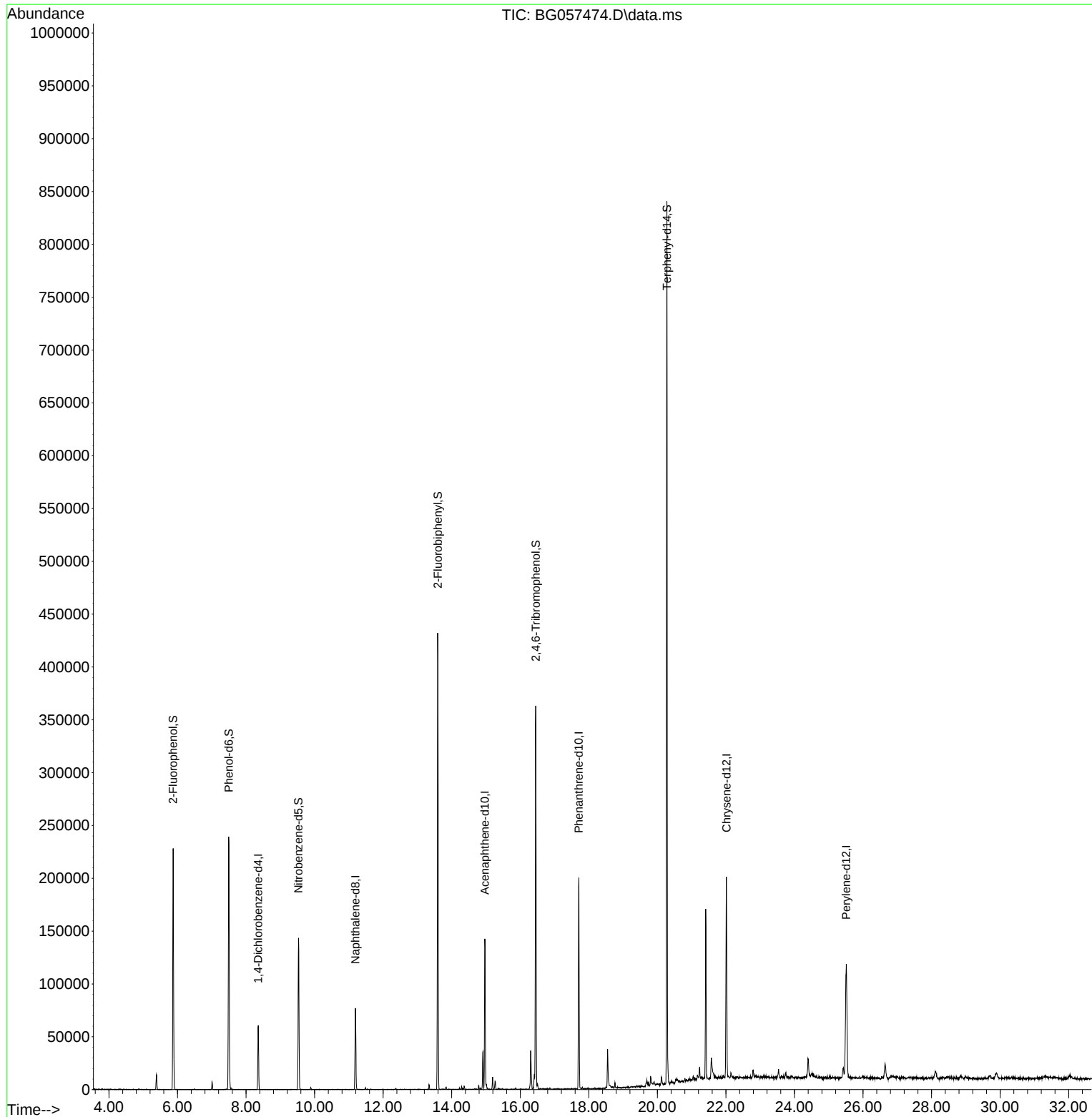
Target Compounds	Qvalue

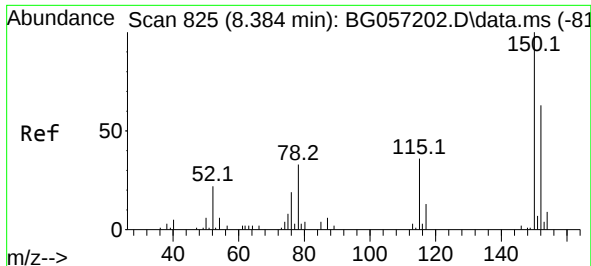
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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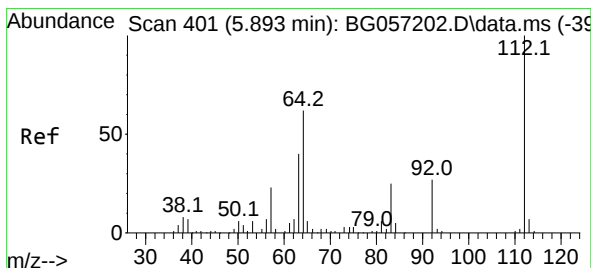
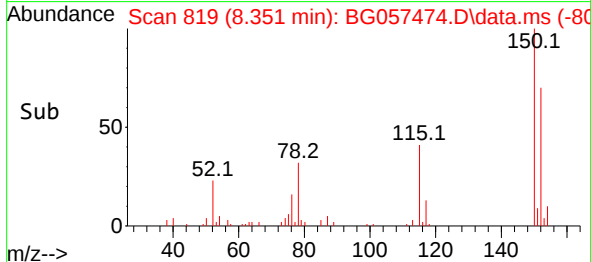
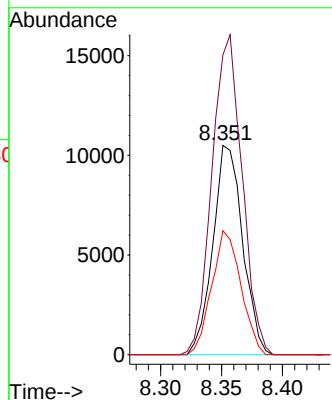
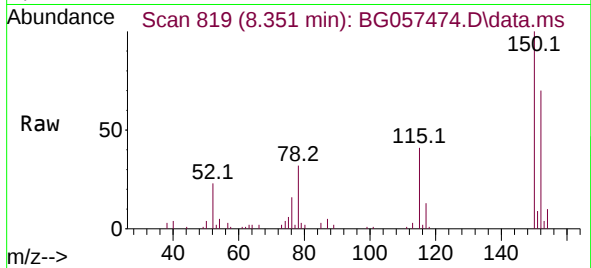




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.351 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057474.D
Acq: 19 May 2023 19:33

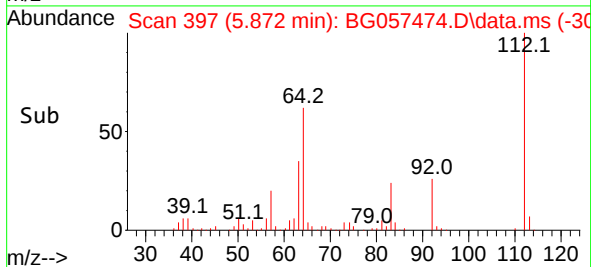
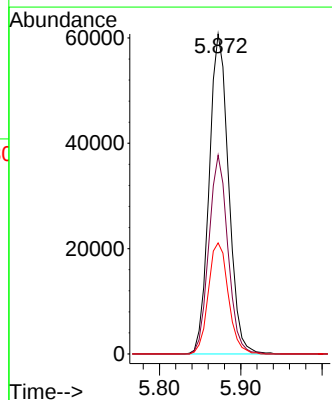
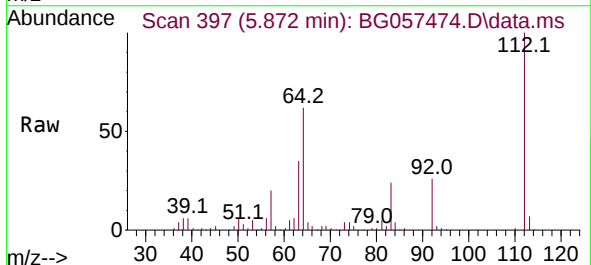
Instrument :
BNA_G
ClientSampleId :
TP5

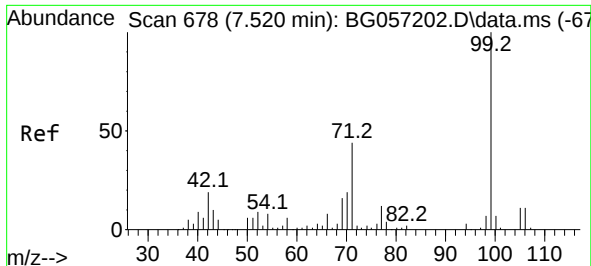
Tgt Ion:152 Resp: 17811
Ion Ratio Lower Upper
152 100
150 143.2 126.2 189.4
115 59.3 45.0 67.4



#5
2-Fluorophenol
Concen: 96.695 ng
RT: 5.872 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG057474.D
Acq: 19 May 2023 19:33

Tgt Ion:112 Resp: 100680
Ion Ratio Lower Upper
112 100
64 62.1 49.4 74.2
63 34.7 31.6 47.4

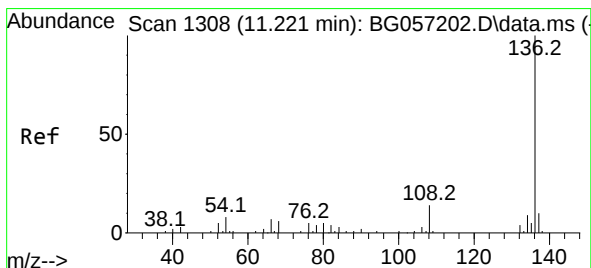
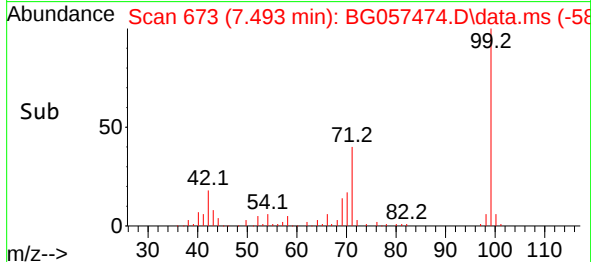
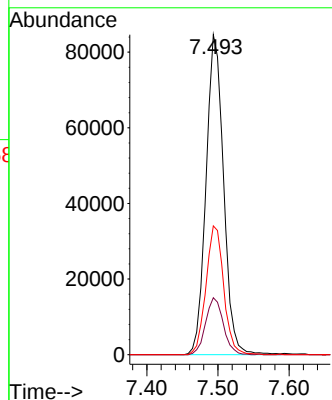
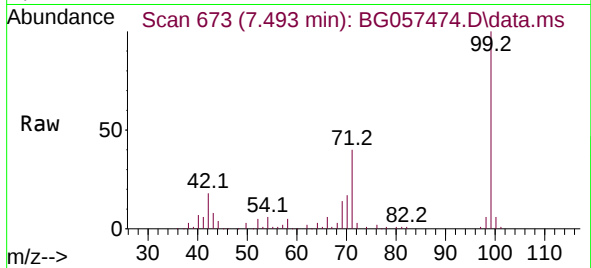




#7
Phenol-d6
Concen: 92.257 ng
RT: 7.493 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057474.D
Acq: 19 May 2023 19:33

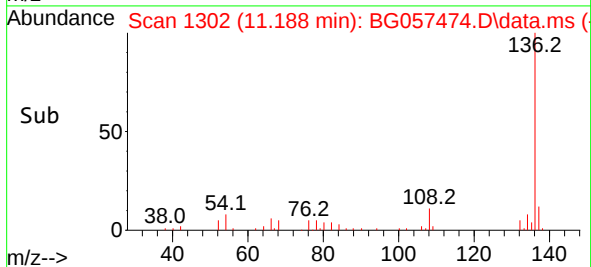
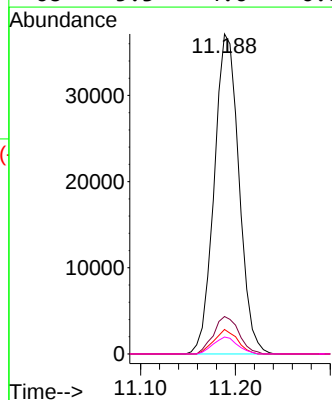
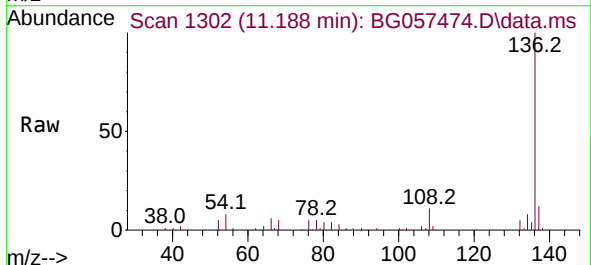
Instrument :
BNA_G
ClientSampleId :
TP5

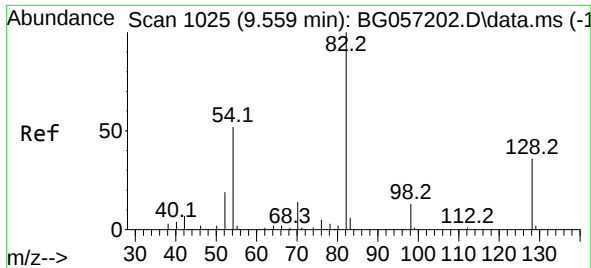
Tgt Ion: 99 Resp: 145869
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 40.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.188 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BG057474.D
Acq: 19 May 2023 19:33

Tgt Ion: 136 Resp: 67356
Ion Ratio Lower Upper
136 100
137 11.7 8.3 12.5
54 7.7 6.7 10.1
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 57.509 ng

RT: 9.532 min Scan# 1020

Delta R.T. -0.005 min

Lab File: BG057474.D

Acq: 19 May 2023 19:33

Instrument :

BNA_G

ClientSampleId :

TP5

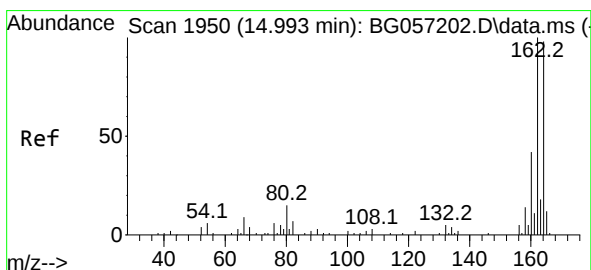
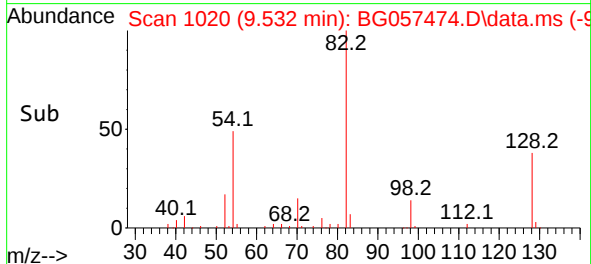
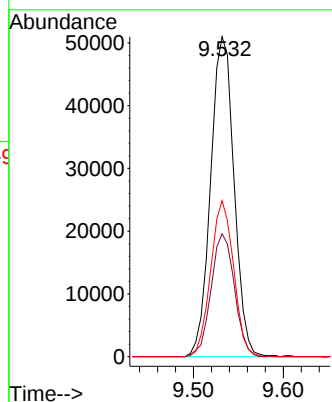
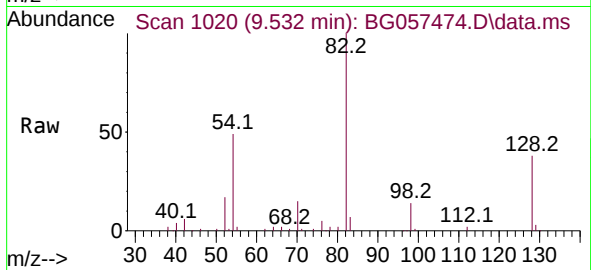
Tgt Ion: 82 Resp: 92293

Ion Ratio Lower Upper

82 100

128 38.4 29.0 43.4

54 48.7 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.966 min Scan# 1945

Delta R.T. -0.011 min

Lab File: BG057474.D

Acq: 19 May 2023 19:33

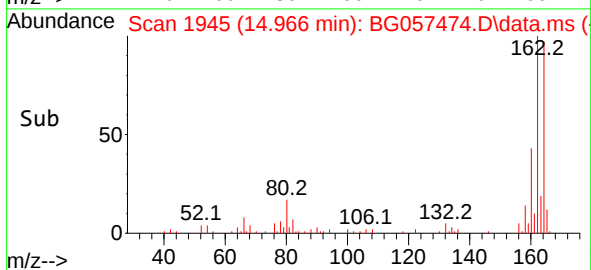
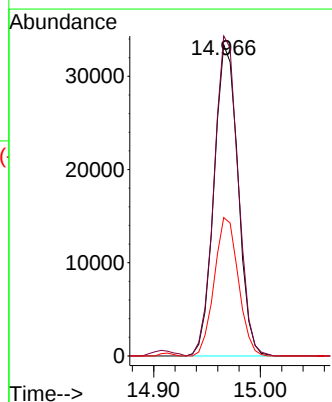
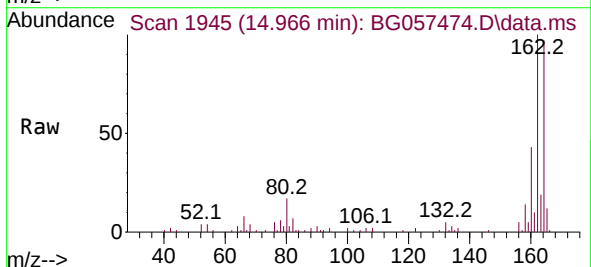
Tgt Ion:164 Resp: 52089

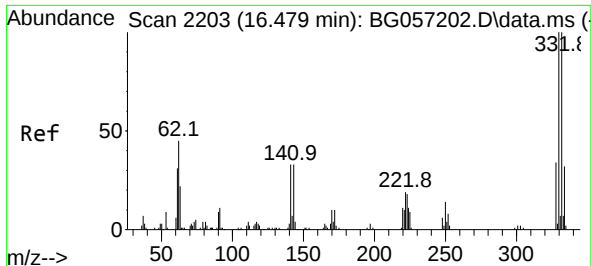
Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 44.5 34.6 52.0

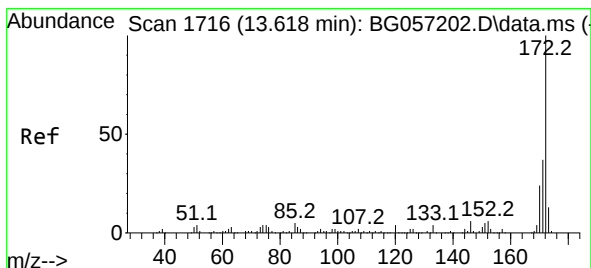
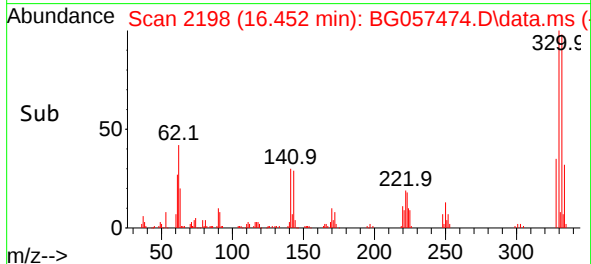
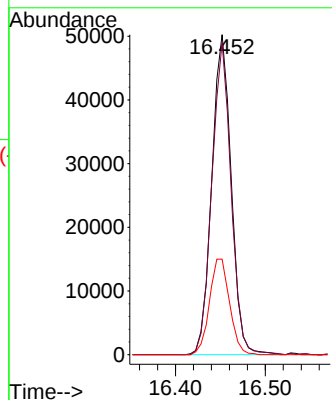
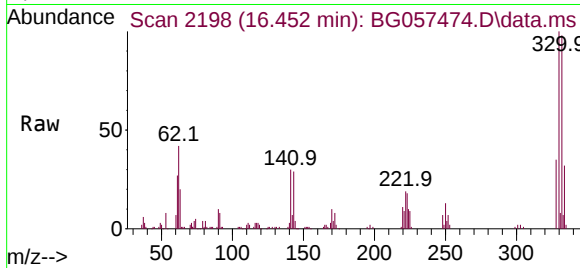




#42
2,4,6-Tribromophenol
Concen: 101.946 ng
RT: 16.452 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG057474.D
Acq: 19 May 2023 19:33

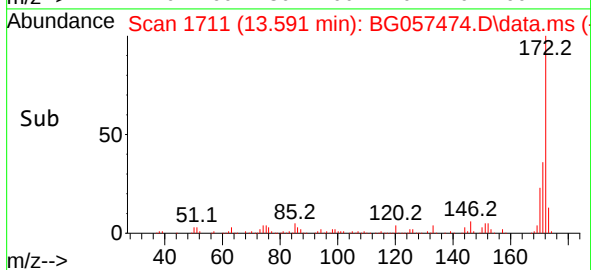
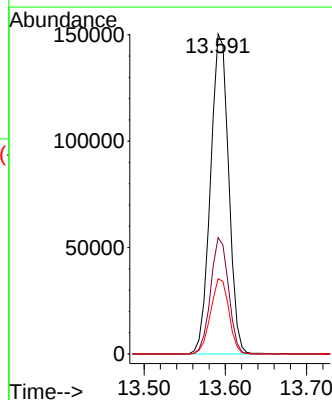
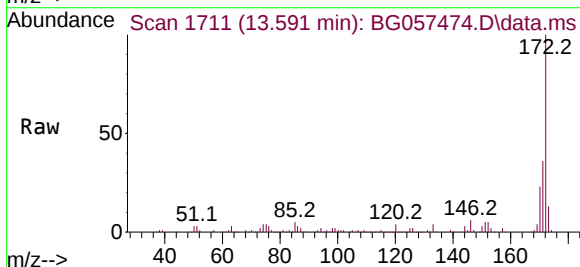
Instrument :
BNA_G
ClientSampleId :
TP5

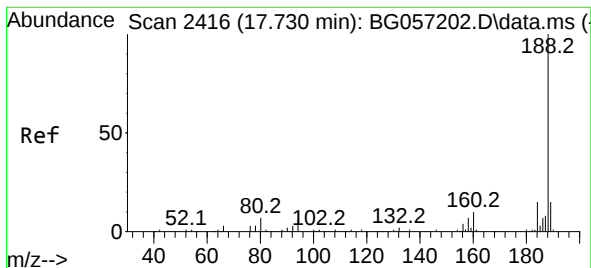
Tgt Ion:330 Resp: 75347
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.2
141 31.0 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 60.225 ng
RT: 13.591 min Scan# 1711
Delta R.T. -0.011 min
Lab File: BG057474.D
Acq: 19 May 2023 19:33

Tgt Ion:172 Resp: 232927
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.709 min Scan# 2416

Delta R.T. -0.005 min

Lab File: BG057474.D

Acq: 19 May 2023 19:33

Instrument :

BNA_G

ClientSampleId :

TP5

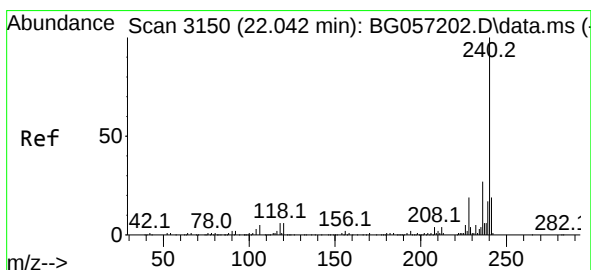
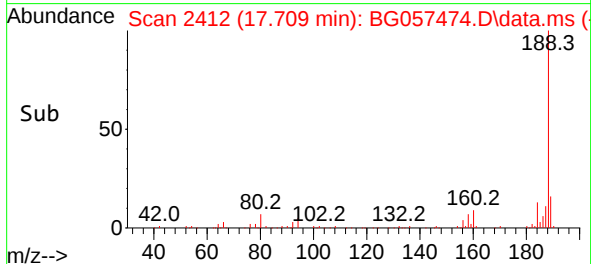
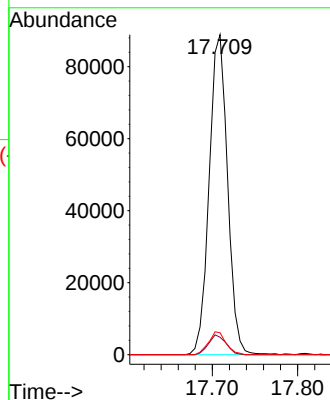
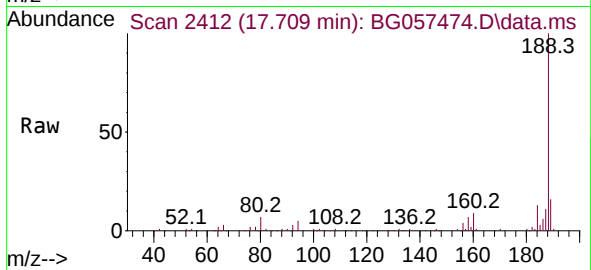
Tgt Ion:188 Resp: 132842

Ion Ratio Lower Upper

188 100

94 5.5 5.1 7.7

80 6.9 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.015 min Scan# 3145

Delta R.T. -0.005 min

Lab File: BG057474.D

Acq: 19 May 2023 19:33

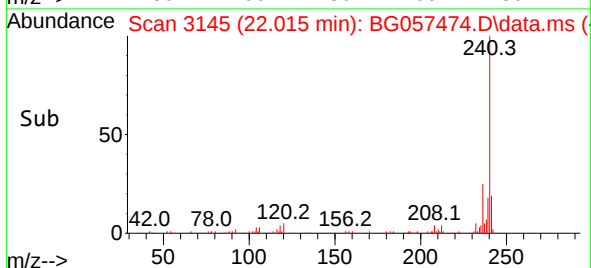
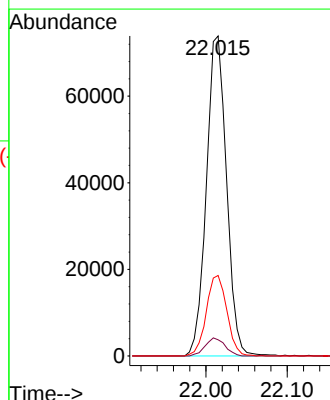
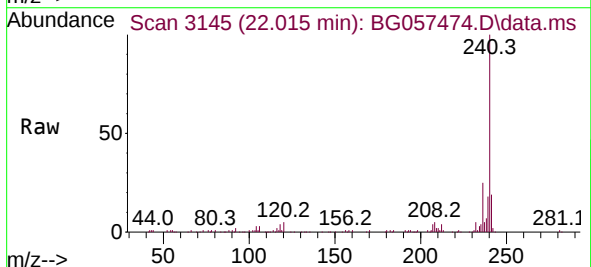
Tgt Ion:240 Resp: 127292

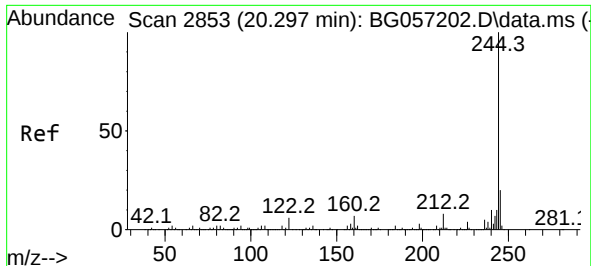
Ion Ratio Lower Upper

240 100

120 5.0 4.9 7.3

236 25.1 21.4 32.2

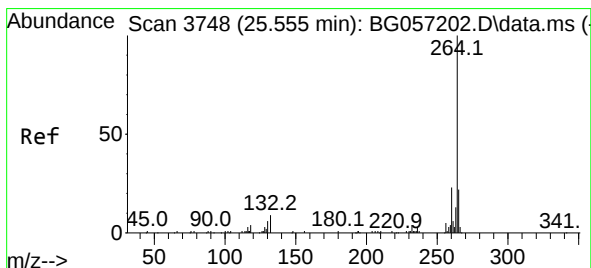
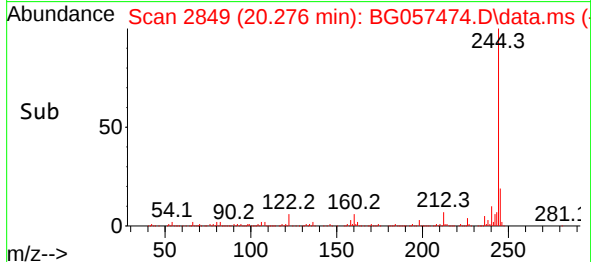
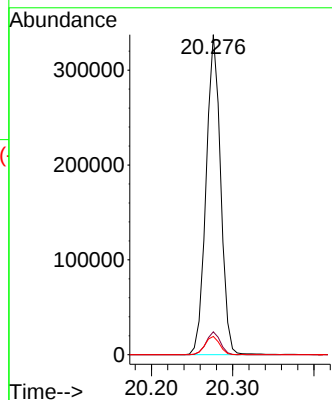
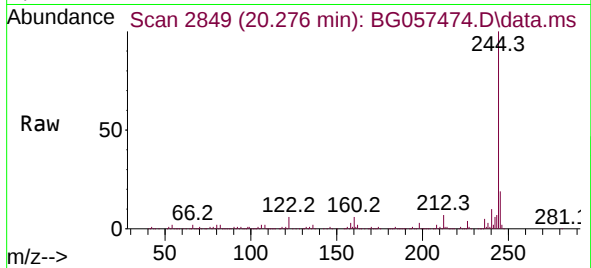




#79
 Terphenyl-d14
 Concen: 53.608 ng
 RT: 20.276 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG057474.D
 Acq: 19 May 2023 19:33

Instrument :
 BNA_G
 ClientSampleId :
 TP5

Tgt Ion:244 Resp: 418153
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.7 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.510 min Scan# 3740
 Delta R.T. -0.005 min
 Lab File: BG057474.D
 Acq: 19 May 2023 19:33

Tgt Ion:264 Resp: 135942
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 22.0 17.9 26.9

