

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057749.D
 Acq On : 17 Jun 2023 1:03
 Operator : CG/JU
 Sample : 03251-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Quant Time: Jun 17 04:01:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	31525	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	148516	20.000	ng	-0.01
39) Acenaphthene-d10	14.562	164	117478	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	300589	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	243905	20.000	ng	-0.01
86) Perylene-d12	24.715	264	298457	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	128733	66.492	ng	0.00
7) Phenol-d6	7.083	99	119249	40.093	ng	-0.01
23) Nitrobenzene-d5	9.092	82	219967	90.762	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	203783	155.482	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	580474	73.653	ng	-0.01
79) Terphenyl-d14	19.927	244	930911	70.565	ng	0.00

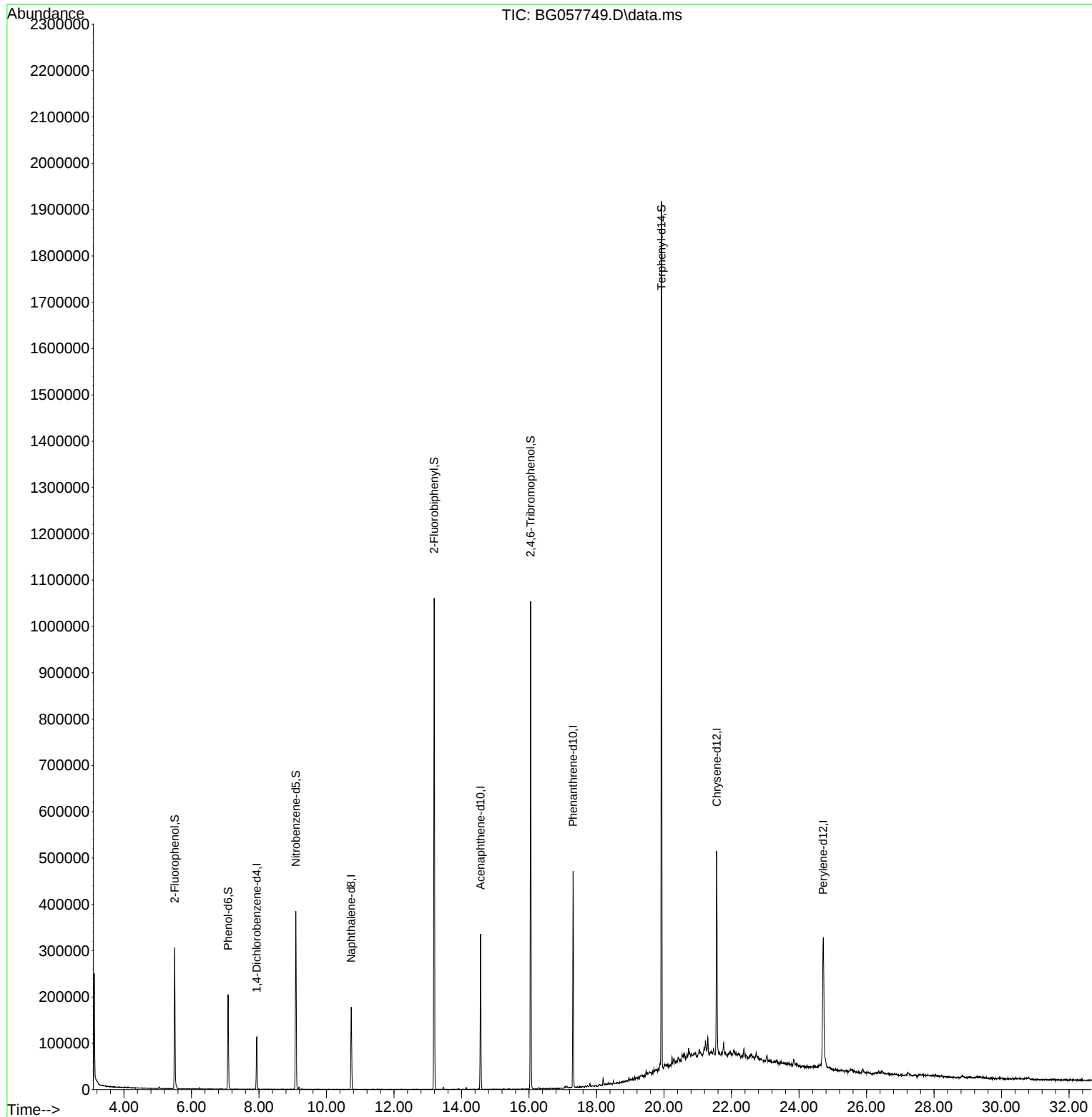
Target Compounds	Qvalue

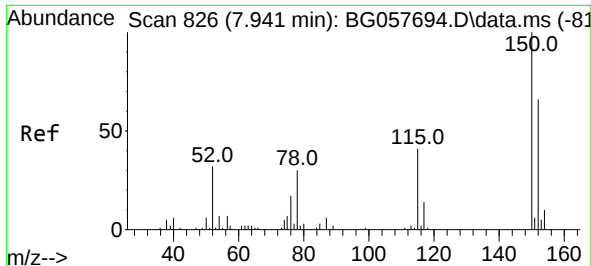
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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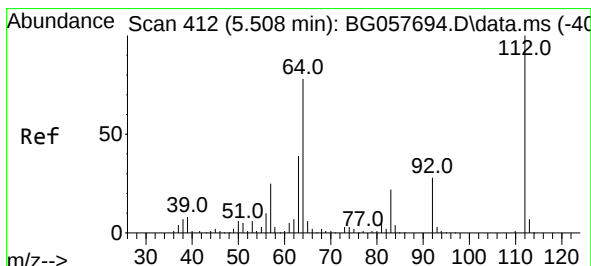
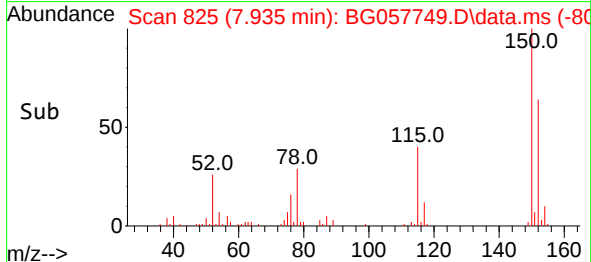
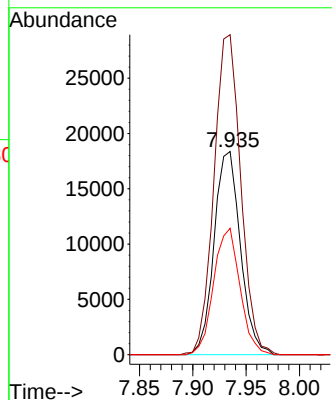
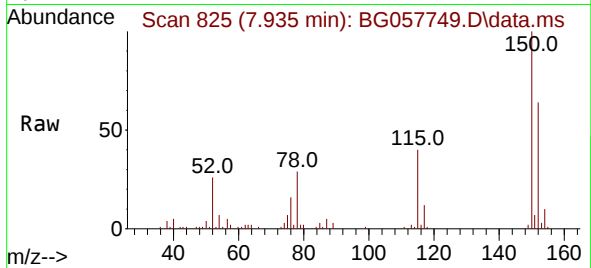




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

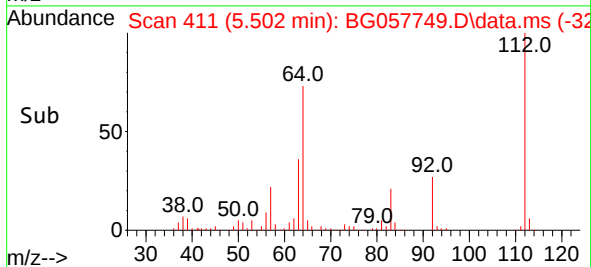
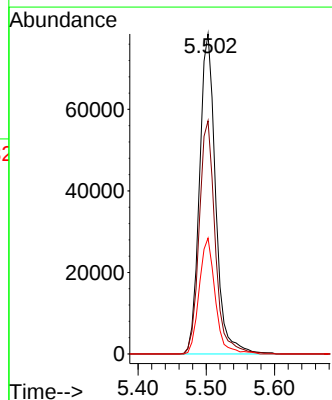
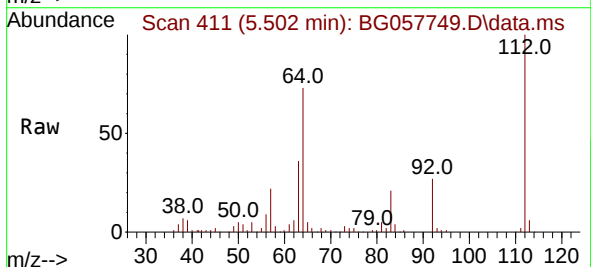
Instrument :
BNA_G
ClientSampleId :
TWP-01

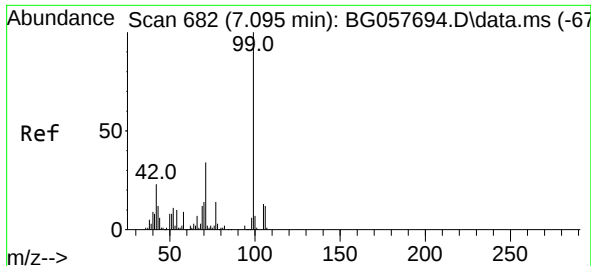
Tgt Ion:152 Resp: 31525
Ion Ratio Lower Upper
152 100
150 157.5 120.8 181.2
115 62.2 49.4 74.2



#5
2-Fluorophenol
Concen: 66.492 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:112 Resp: 128733
Ion Ratio Lower Upper
112 100
64 72.8 62.3 93.5
63 36.2 31.5 47.3

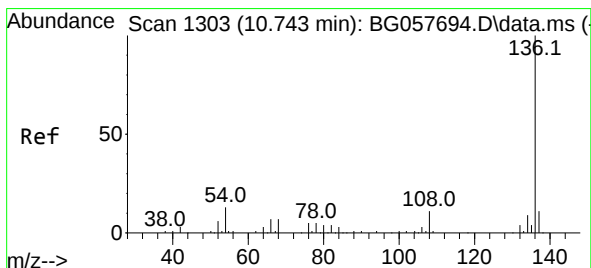
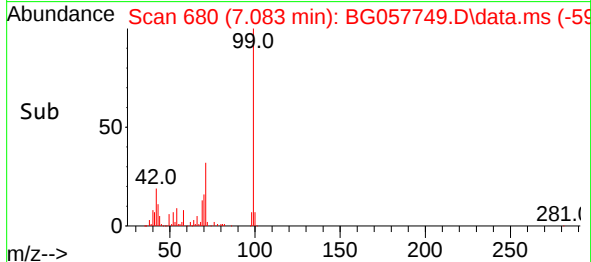
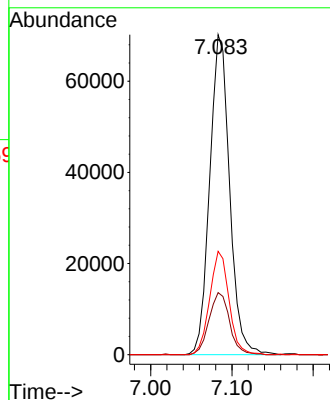
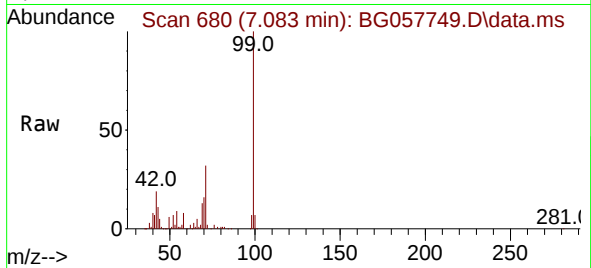




#7
Phenol-d6
Concen: 40.093 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

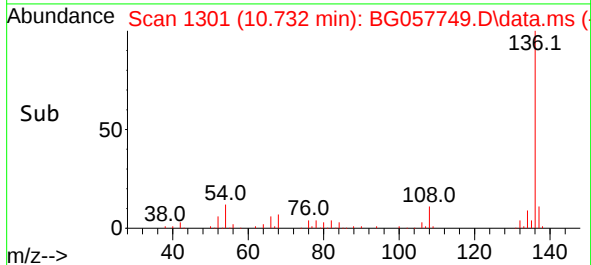
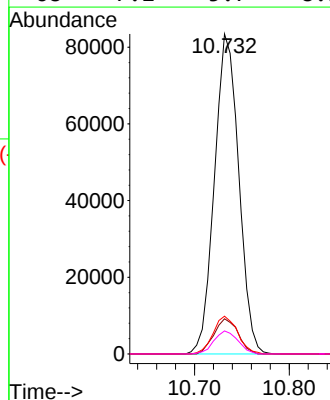
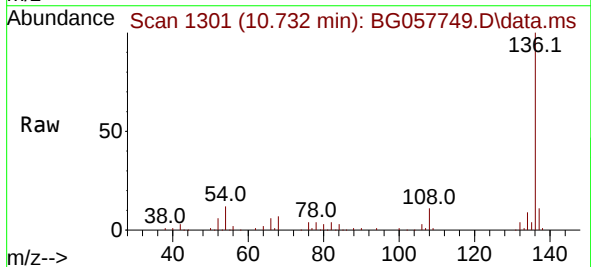
Instrument :
BNA_G
ClientSampleId :
TWP-01

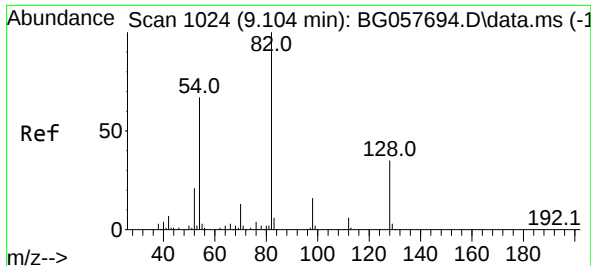
Tgt Ion: 99 Resp: 119249
Ion Ratio Lower Upper
99 100
42 19.4 18.3 27.5
71 32.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion: 136 Resp: 148516
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.8 10.8 16.2
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 90.762 ng

RT: 9.092 min Scan# 1022

Delta R.T. -0.007 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

Instrument :

BNA_G

ClientSampleId :

TWP-01

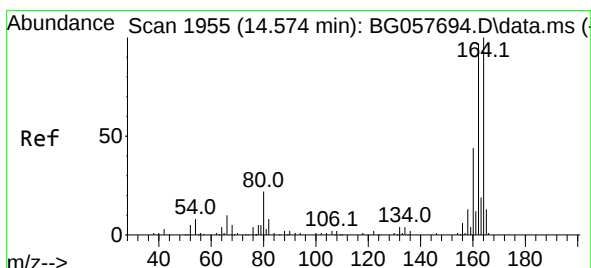
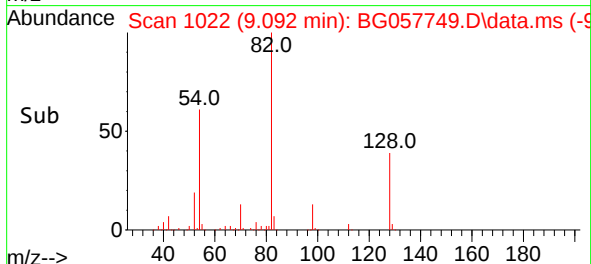
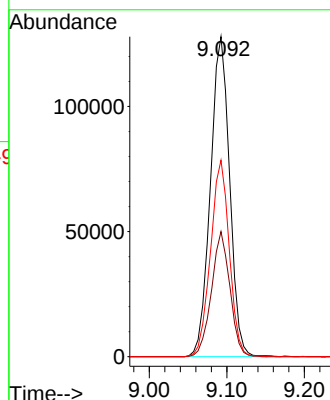
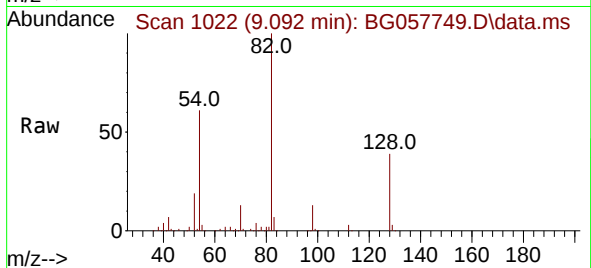
Tgt Ion: 82 Resp: 219967

Ion Ratio Lower Upper

82 100

128 39.1 27.7 41.5

54 61.4 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1953

Delta R.T. -0.013 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

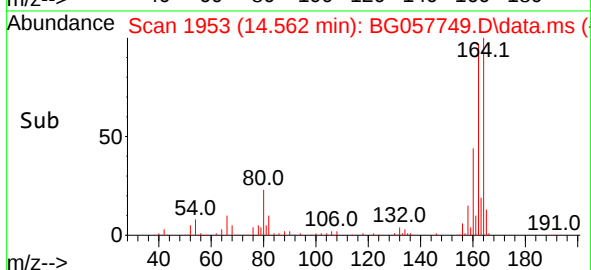
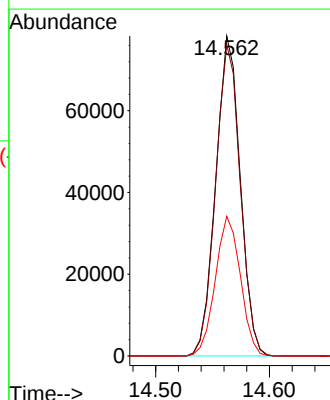
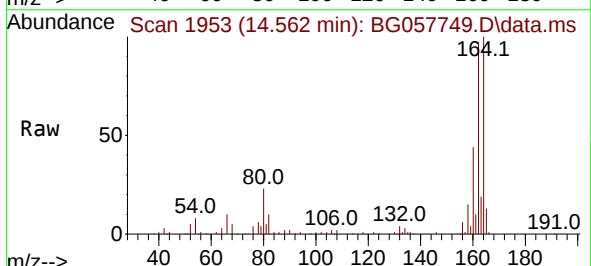
Tgt Ion:164 Resp: 117478

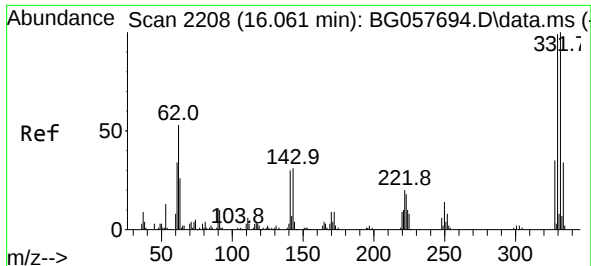
Ion Ratio Lower Upper

164 100

162 97.2 77.7 116.5

160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 155.482 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

Instrument :

BNA_G

ClientSampleId :

TWP-01

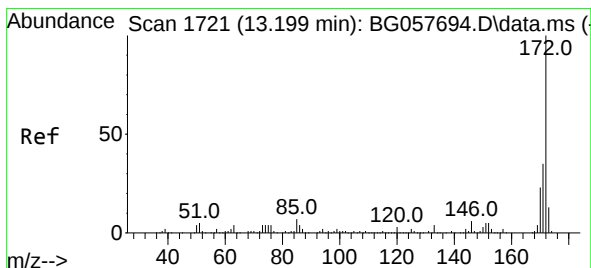
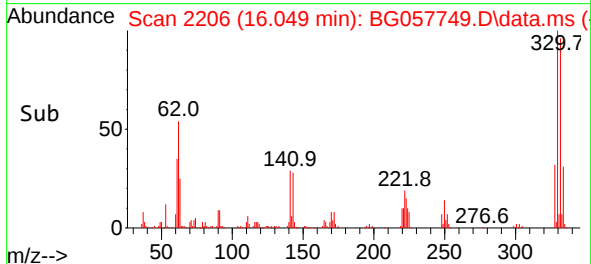
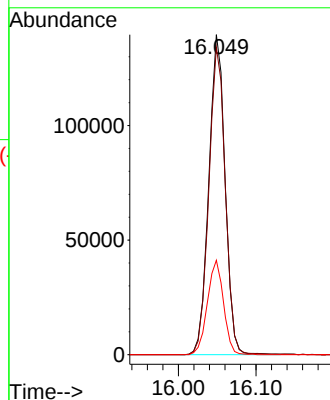
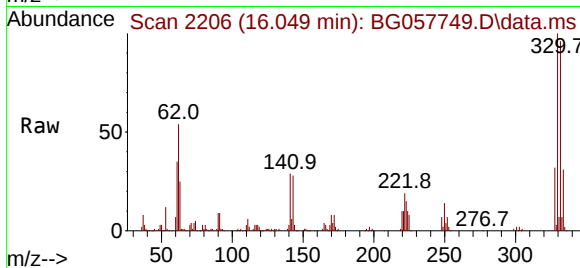
Tgt Ion:330 Resp: 203783

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.6

141 29.2 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 73.653 ng

RT: 13.188 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057749.D

Acq: 17 Jun 2023 1:03

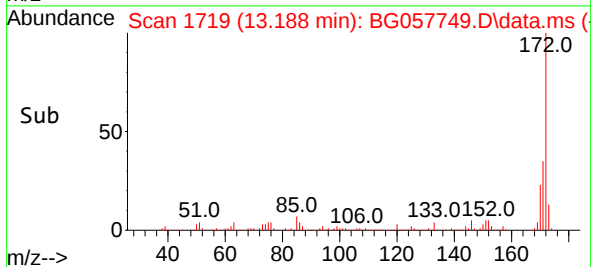
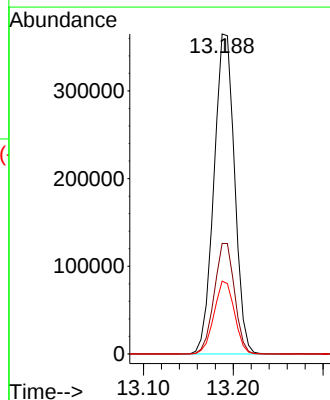
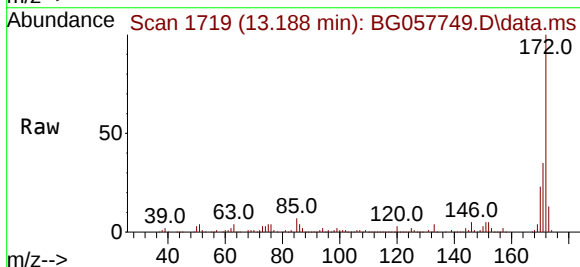
Tgt Ion:172 Resp: 580474

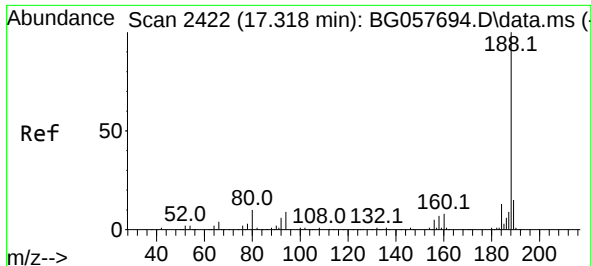
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 22.7 18.2 27.4

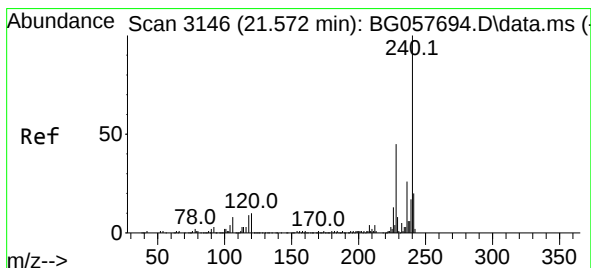
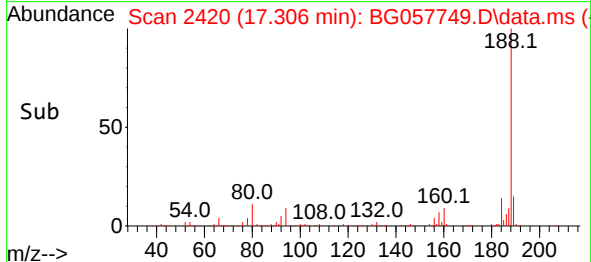
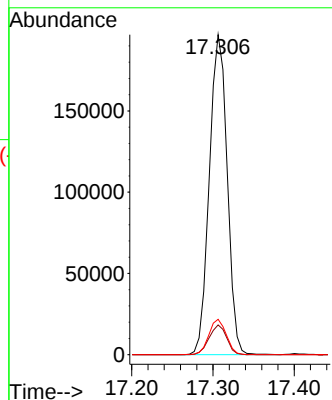
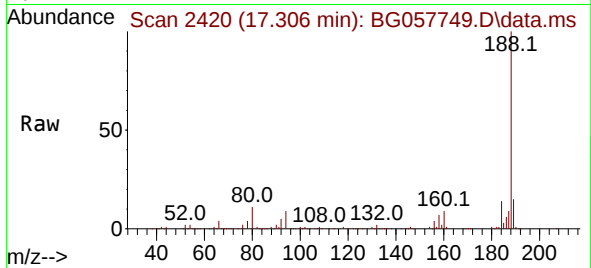




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2422
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

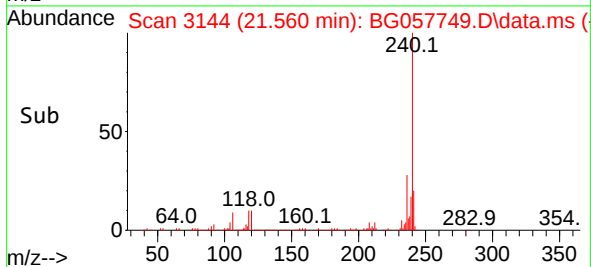
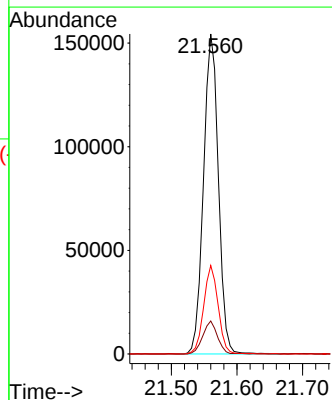
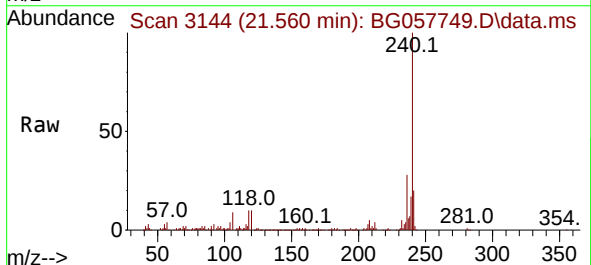
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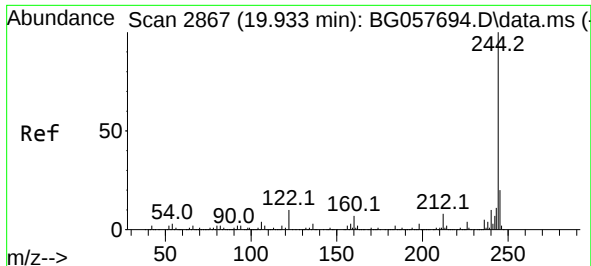
Tgt Ion:188 Resp: 300589
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 11.0 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057749.D
Acq: 17 Jun 2023 1:03

Tgt Ion:240 Resp: 243905
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 27.7 20.7 31.1

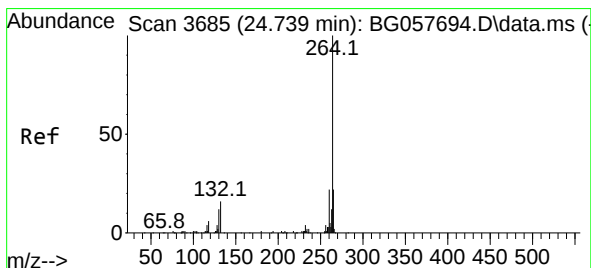
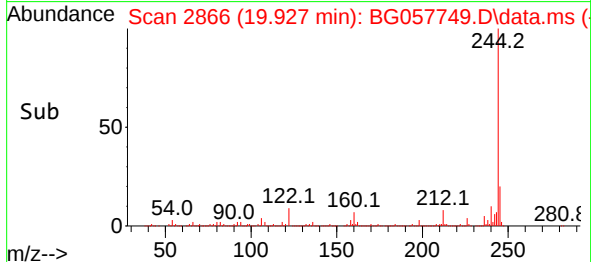
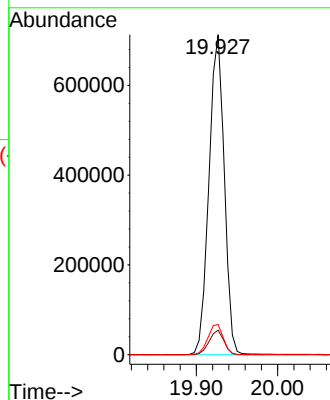
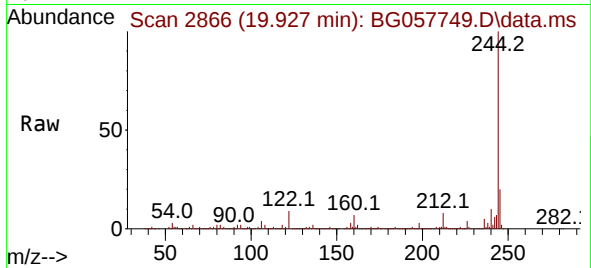




#79
 Terphenyl-d14
 Concen: 70.565 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG057749.D
 Acq: 17 Jun 2023 1:03

Instrument :
 BNA_G
 ClientSampleId :
 TWP-01

Tgt Ion:244 Resp: 930911
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3681
 Delta R.T. -0.019 min
 Lab File: BG057749.D
 Acq: 17 Jun 2023 1:03

Tgt Ion:264 Resp: 298457
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.3 25.9
 265 20.6 17.5 26.3

