

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057462.D
 Acq On : 19 May 2023 10:45
 Operator : CG/JU
 Sample : PB152410BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BL

Quant Time: May 20 04:27:17 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	8.357	152	16165	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	66048	20.000	ng	0.00
39) Acenaphthene-d10	14.972	164	53528	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	145039	20.000	ng	0.00
76) Chrysene-d12	22.015	240	139675	20.000	ng	0.00
86) Perylene-d12	25.510	264	150844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	141509	149.747	ng	0.00
7) Phenol-d6	7.500	99	210604	146.763	ng	0.00
23) Nitrobenzene-d5	9.538	82	133258	84.680	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	115493	152.063	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	357342	89.909	ng	0.00
79) Terphenyl-d14	20.282	244	809174	94.541	ng	0.00

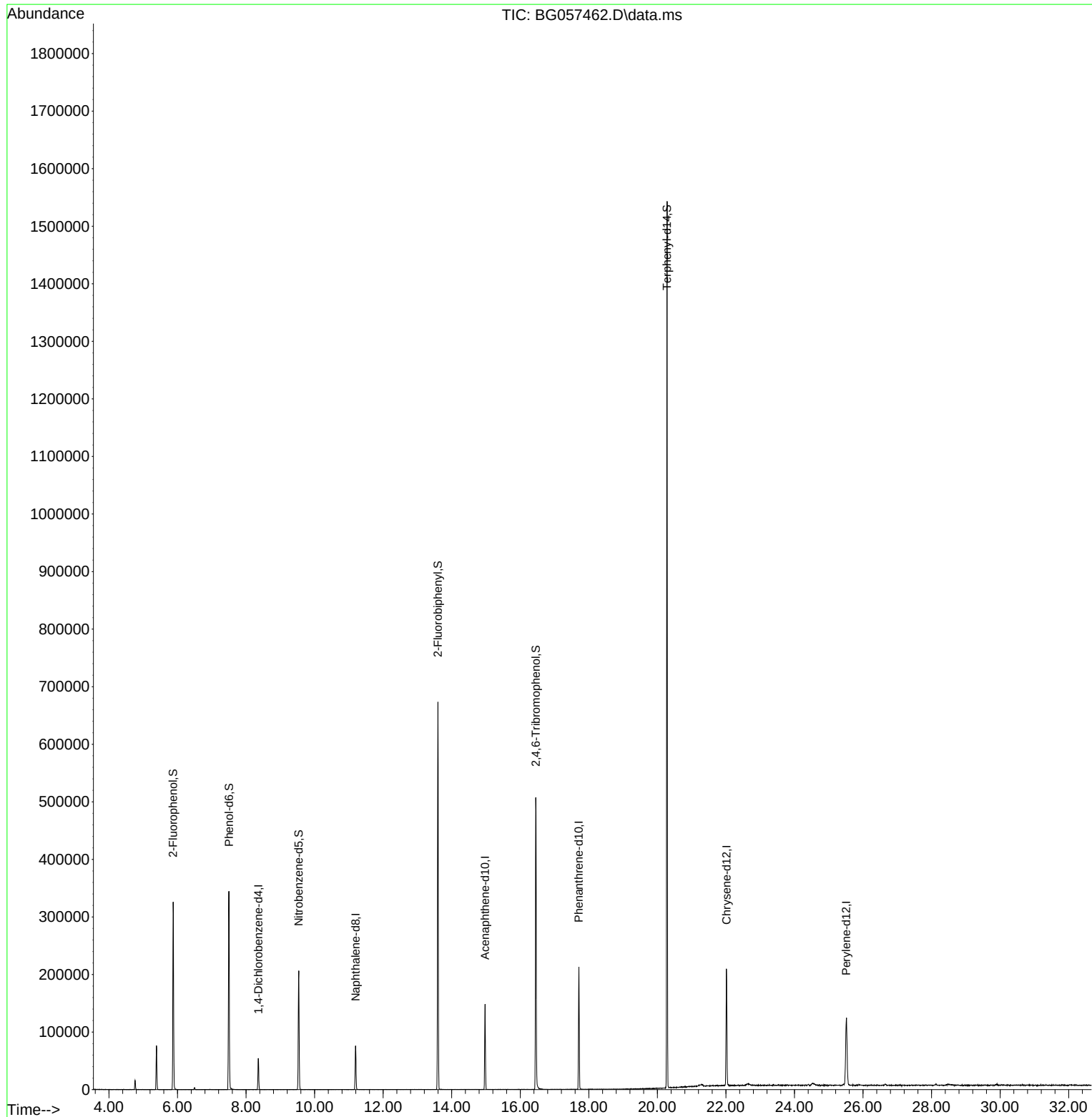
Target Compounds	Qvalue

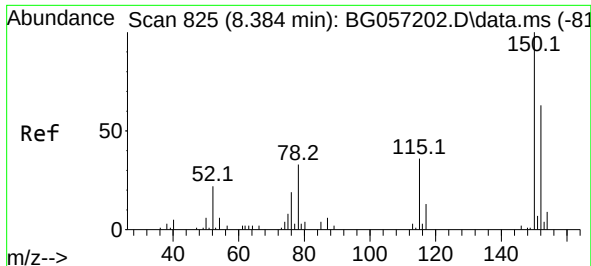
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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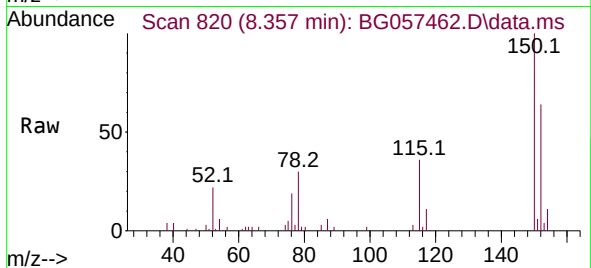
Quant Time: May 20 04:27:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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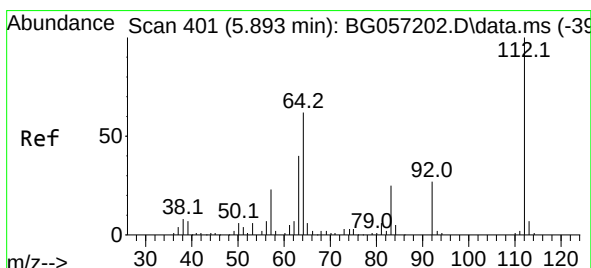
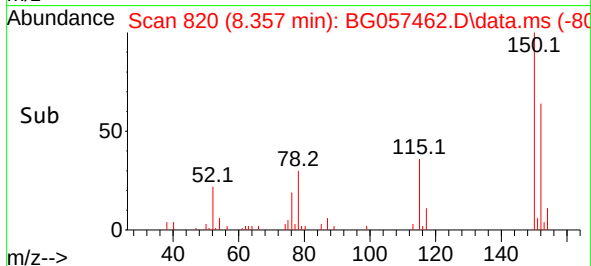
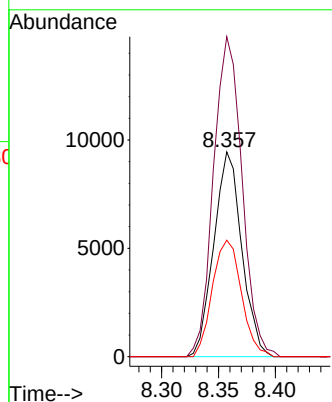


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Instrument :
BNA_G
ClientSampleId :
PB152410BL

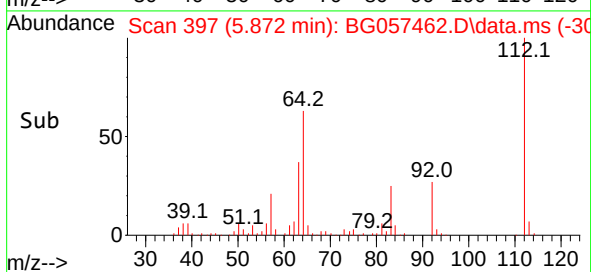
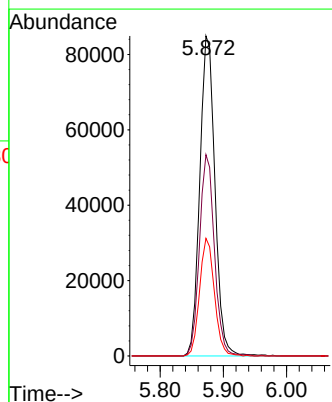
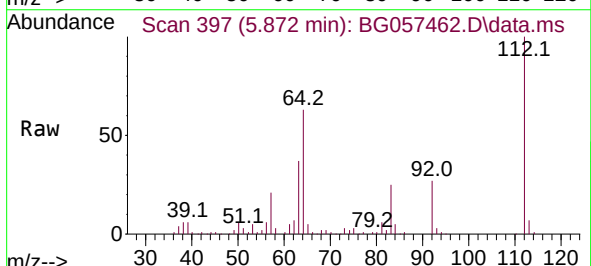


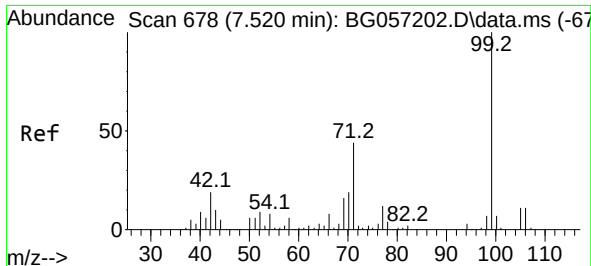
Tgt Ion:152 Resp: 16165
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.4
115 56.9 45.0 67.4



#5
2-Fluorophenol
Concen: 149.747 ng
RT: 5.872 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion:112 Resp: 141509
Ion Ratio Lower Upper
112 100
64 62.9 49.4 74.2
63 36.7 31.6 47.4

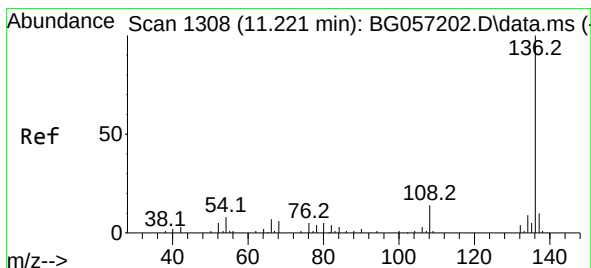
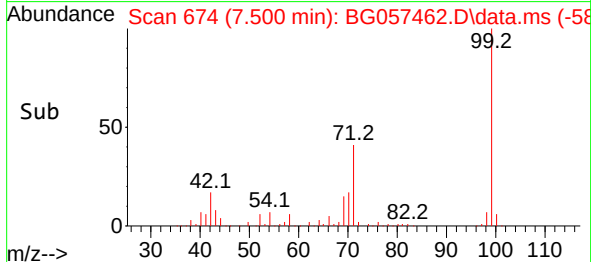
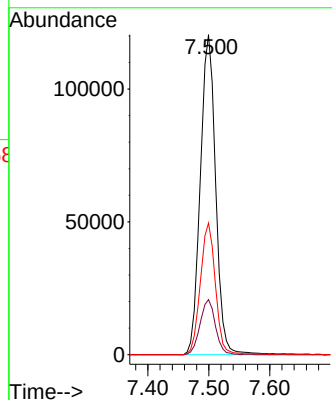
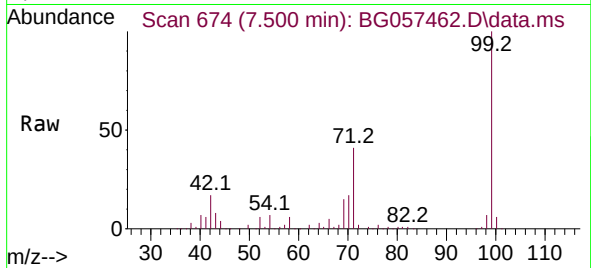




#7
Phenol-d6
Concen: 146.763 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

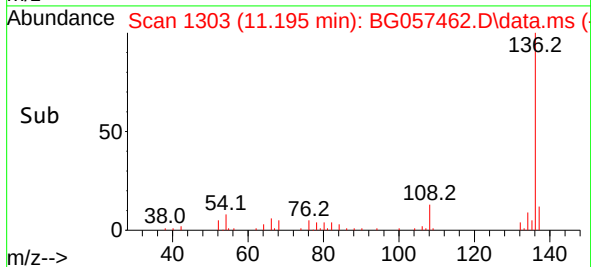
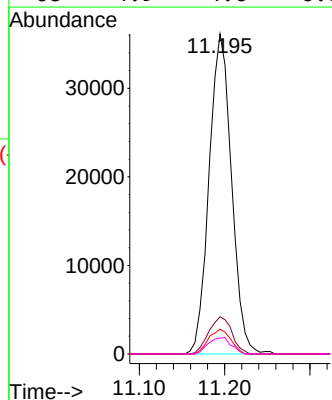
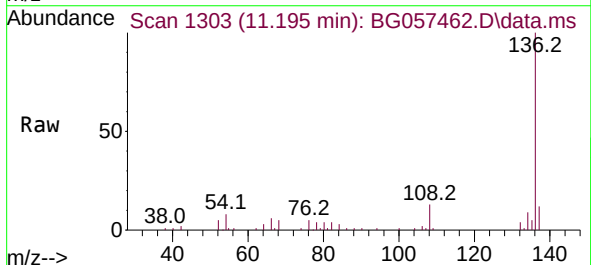
Instrument :
BNA_G
ClientSampleId :
PB152410BL

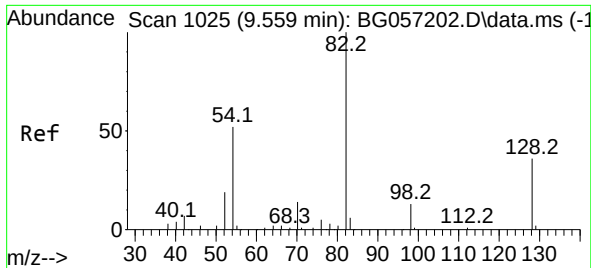
Tgt Ion: 99 Resp: 210604
Ion Ratio Lower Upper
99 100
42 17.2 15.1 22.7
71 41.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 1303
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion: 136 Resp: 66048
Ion Ratio Lower Upper
136 100
137 11.6 8.3 12.5
54 7.8 6.7 10.1
68 4.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 84.680 ng

RT: 9.538 min Scan# 1021

Delta R.T. 0.001 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

Instrument :

BNA_G

ClientSampleId :

PB152410BL

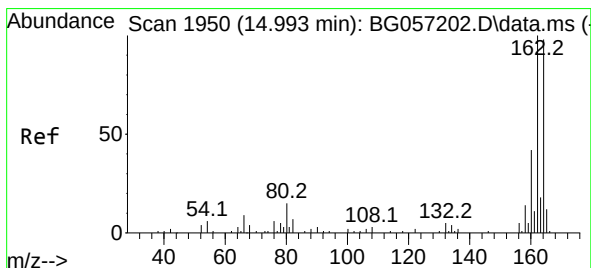
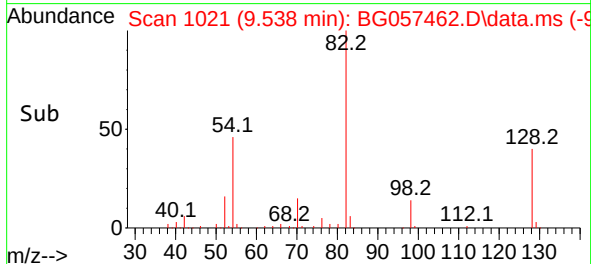
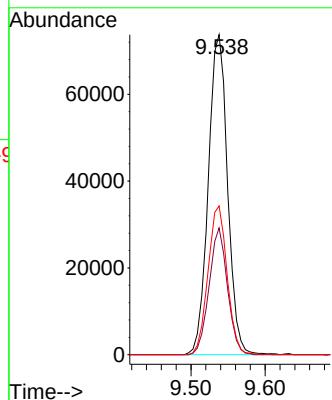
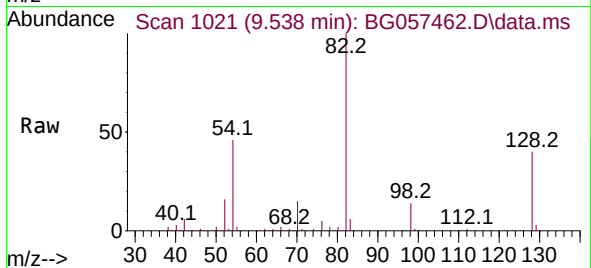
Tgt Ion: 82 Resp: 133258

Ion Ratio Lower Upper

82 100

128 39.6 29.0 43.4

54 46.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.972 min Scan# 1946

Delta R.T. -0.004 min

Lab File: BG057462.D

Acq: 19 May 2023 10:45

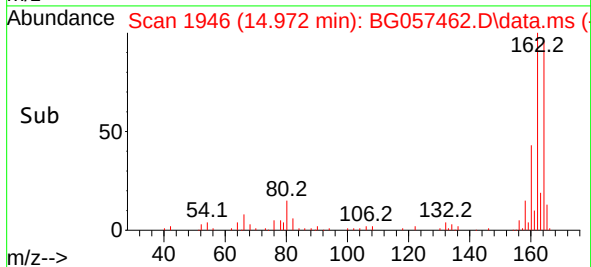
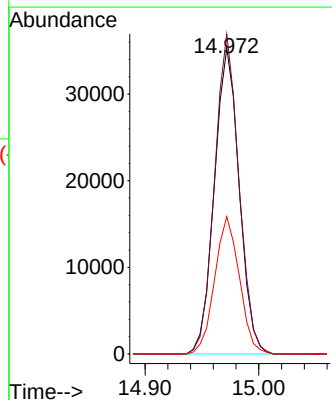
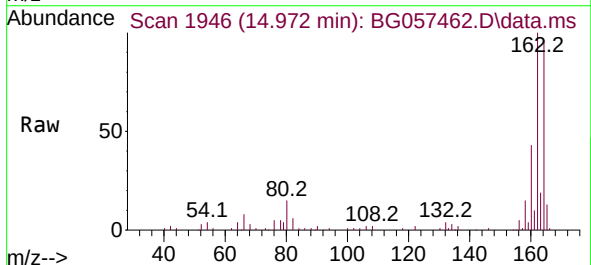
Tgt Ion:164 Resp: 53528

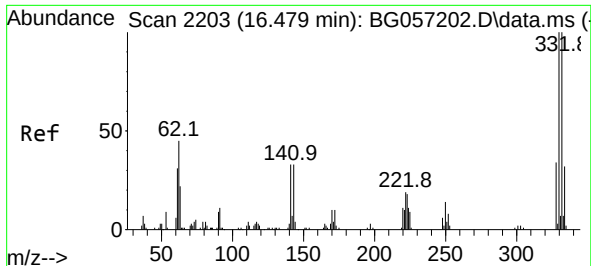
Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.6

160 44.9 34.6 52.0

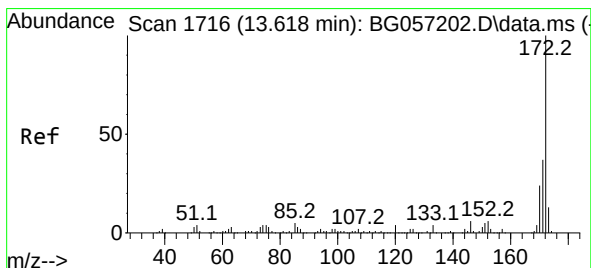
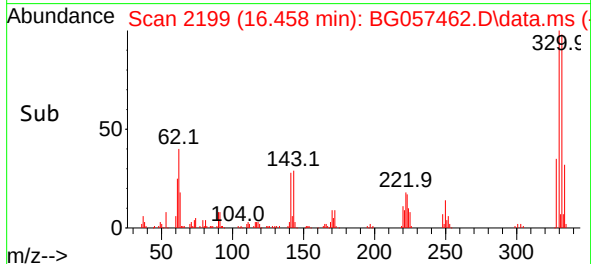
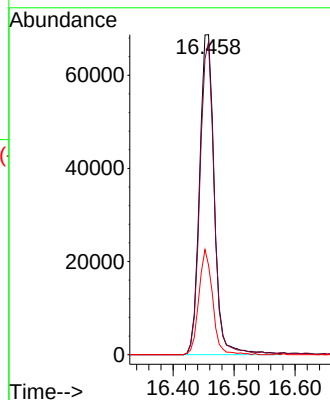
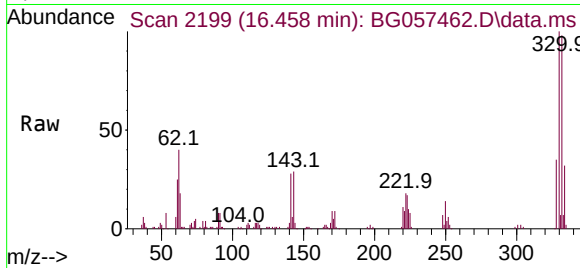




#42
2,4,6-Tribromophenol
Concen: 152.063 ng
RT: 16.458 min Scan# 21199
Delta R.T. 0.001 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

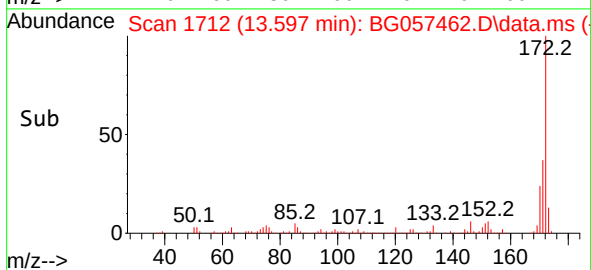
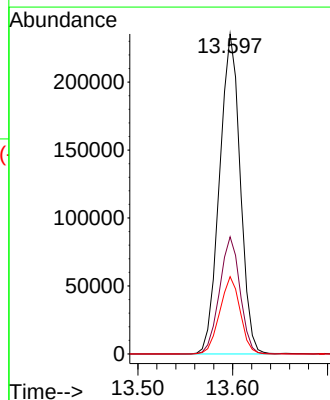
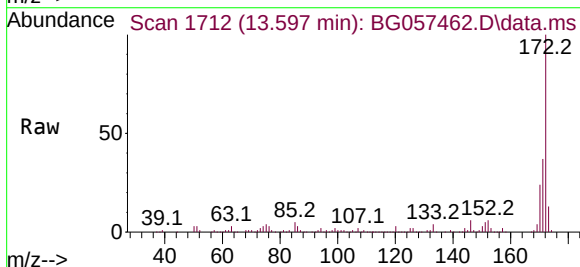
Instrument :
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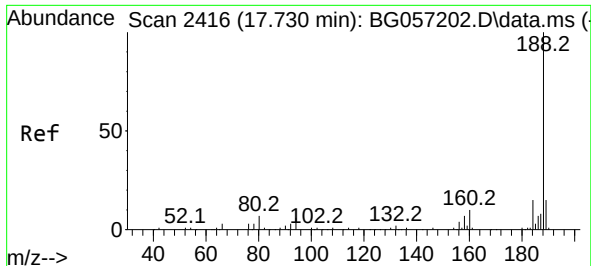
Tgt Ion:330 Resp: 115493
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.2
141 30.5 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 89.909 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion:172 Resp: 357342
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.1 19.0 28.6

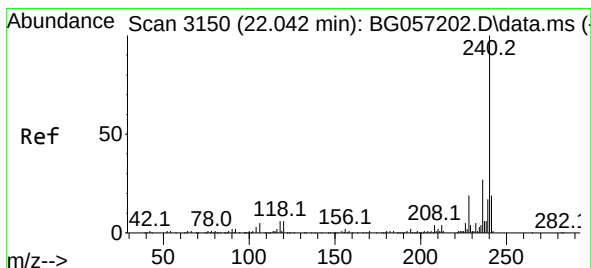
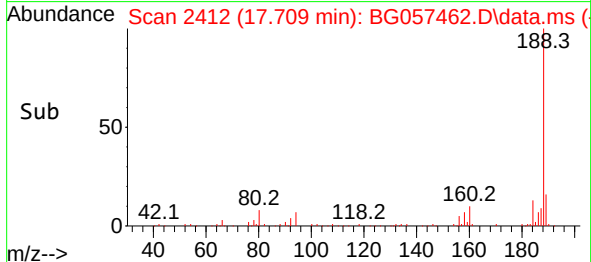
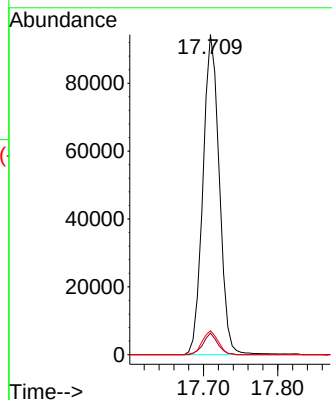
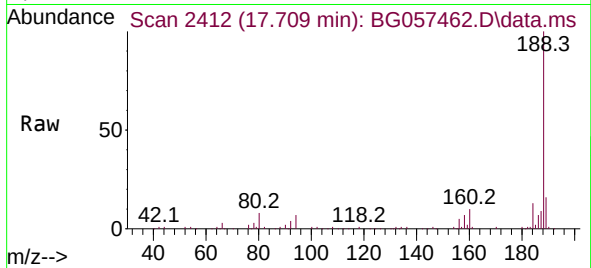




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.709 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

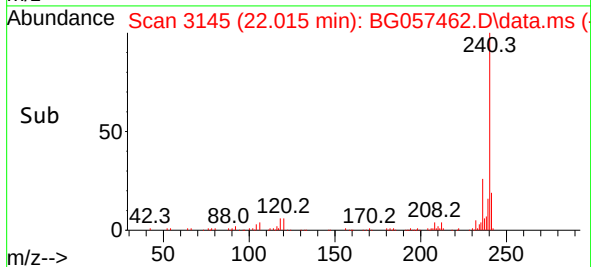
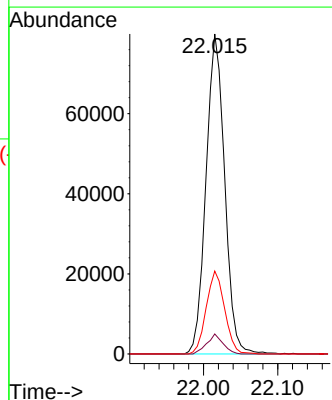
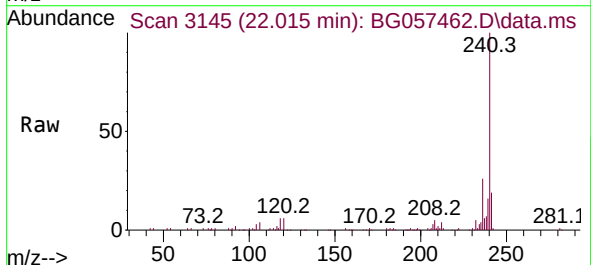
Instrument :
BNA_G
ClientSampleId :
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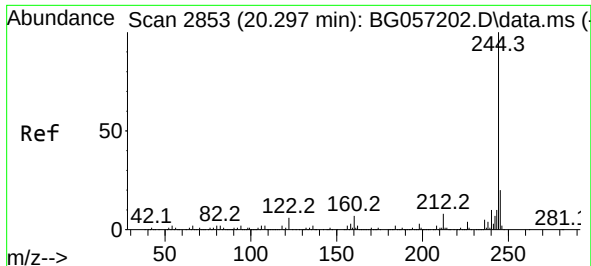
Tgt Ion:188 Resp: 145039
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.5 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG057462.D
Acq: 19 May 2023 10:45

Tgt Ion:240 Resp: 139675
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 25.9 21.4 32.2

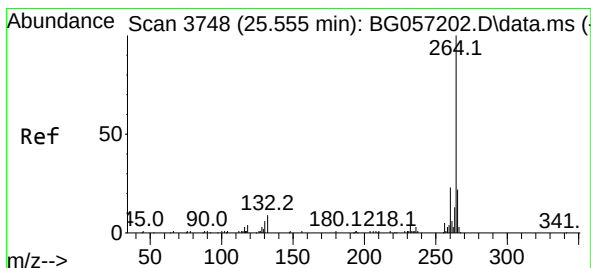
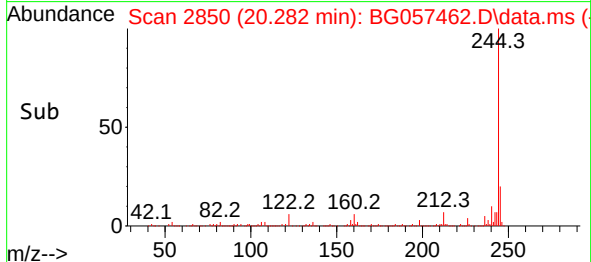
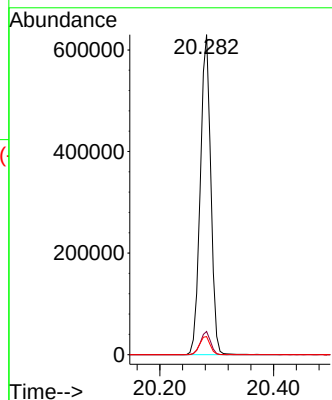
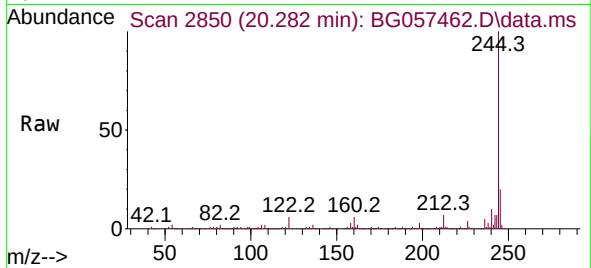




#79
 Terphenyl-d14
 Concen: 94.541 ng
 RT: 20.282 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057462.D
 Acq: 19 May 2023 10:45

Instrument :
 BNA_G
 ClientSampleId :
 PB152410BL

Tgt Ion:244 Resp: 809174
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.510 min Scan# 3740
 Delta R.T. -0.004 min
 Lab File: BG057462.D
 Acq: 19 May 2023 10:45

Tgt Ion:264 Resp: 150844
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.1 17.9 26.9

