

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051723\
 Data File : BG057444.D
 Acq On : 17 May 2023 11:43
 Operator : CG/JU
 Sample : PB152384BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152384BL

Quant Time: May 18 01:56:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	20758	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	88219	20.000	ng	0.00
39) Acenaphthene-d10	14.977	164	73173	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	191471	20.000	ng	0.00
76) Chrysene-d12	22.026	240	180735	20.000	ng	0.00
86) Perylene-d12	25.533	264	179053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	160776	132.491	ng	0.00
7) Phenol-d6	7.505	99	238550	129.455	ng	0.00
23) Nitrobenzene-d5	9.537	82	153223	72.897	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	134139	129.197	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	408310	75.152	ng	0.00
79) Terphenyl-d14	20.288	244	865687	78.166	ng	0.00

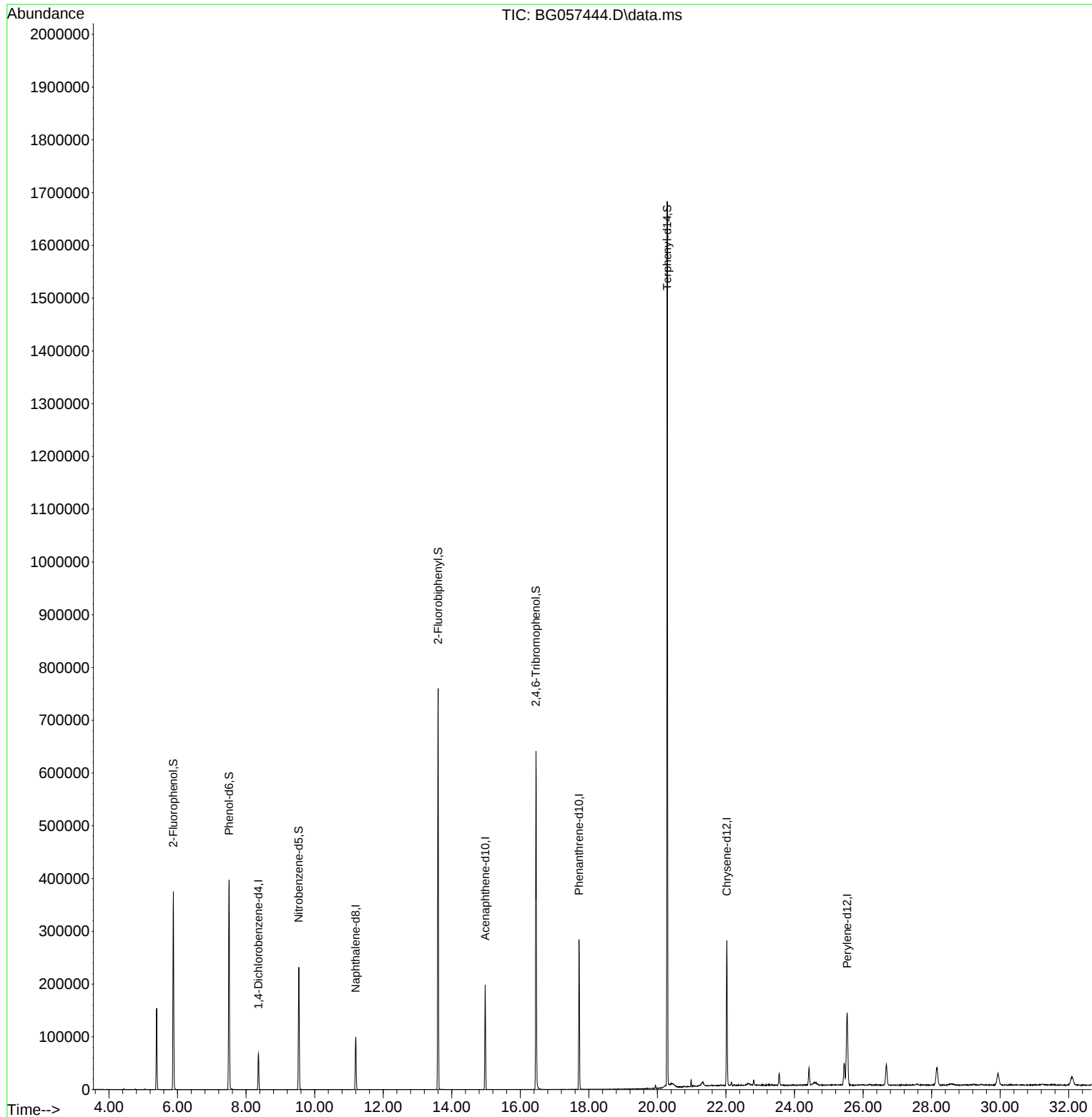
Target Compounds	Qvalue

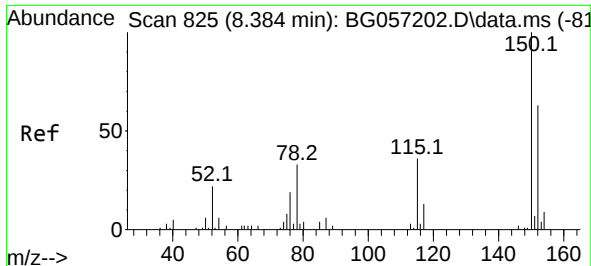
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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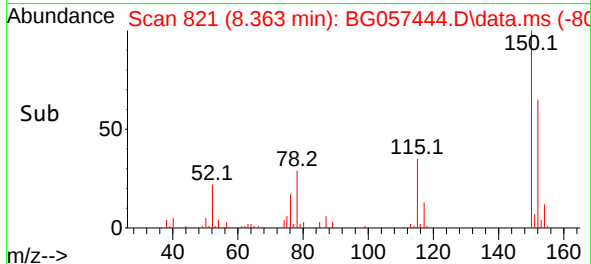
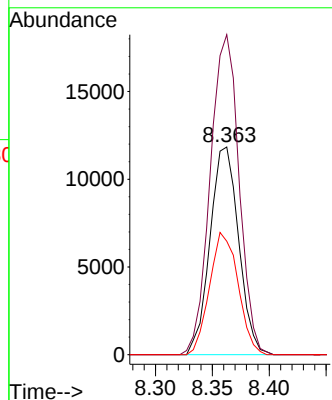
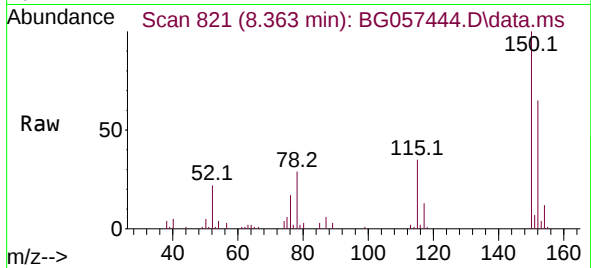




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057444.D
Acq: 17 May 2023 11:43

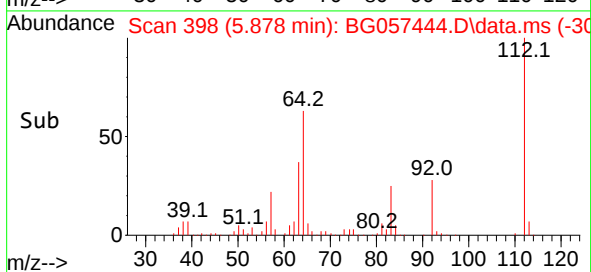
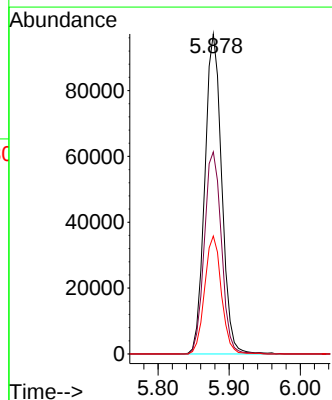
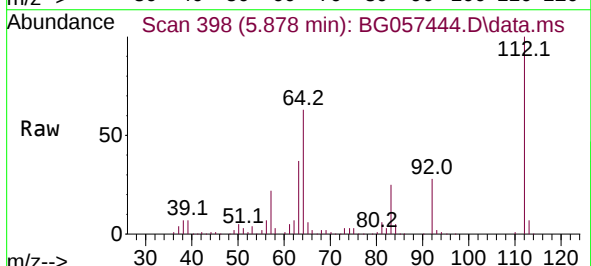
Instrument :
BNA_G
ClientSampleId :
PB152384BL

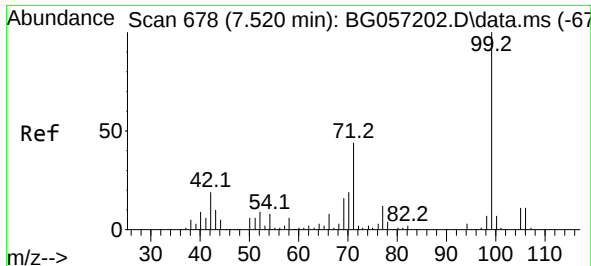
Tgt Ion:152 Resp: 20758
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.4
115 54.6 45.0 67.4



#5
2-Fluorophenol
Concen: 132.491 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.001 min
Lab File: BG057444.D
Acq: 17 May 2023 11:43

Tgt Ion:112 Resp: 160776
Ion Ratio Lower Upper
112 100
64 63.2 49.4 74.2
63 36.8 31.6 47.4

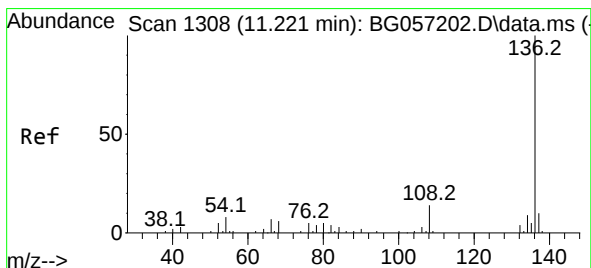
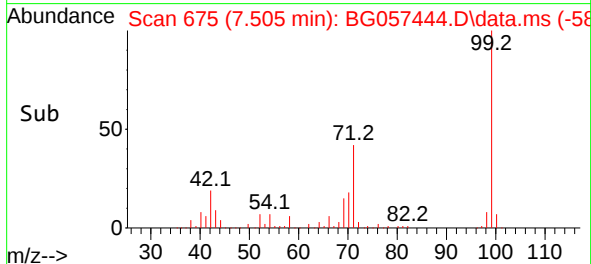
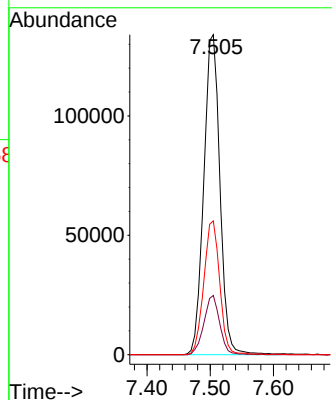
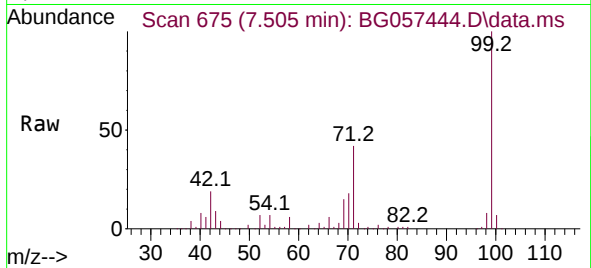




#7
Phenol-d6
Concen: 129.455 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057444.D
Acq: 17 May 2023 11:43

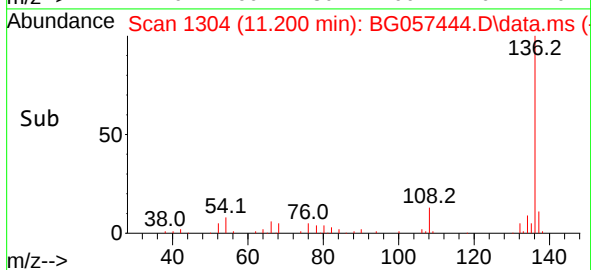
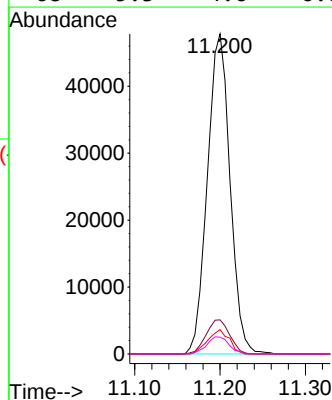
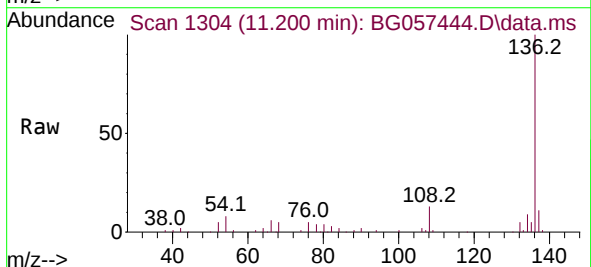
Instrument :
BNA_G
ClientSampleId :
PB152384BL

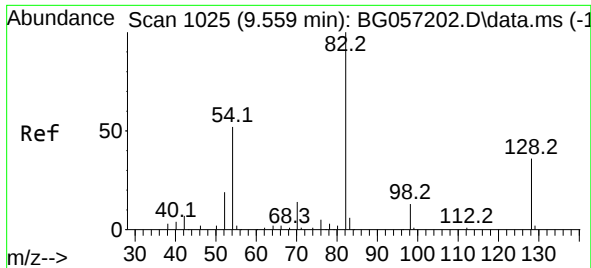
Tgt Ion: 99 Resp: 238550
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 41.8 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 1304
Delta R.T. -0.001 min
Lab File: BG057444.D
Acq: 17 May 2023 11:43

Tgt Ion: 136 Resp: 88219
Ion Ratio Lower Upper
136 100
137 10.7 8.3 12.5
54 7.6 6.7 10.1
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 72.897 ng

RT: 9.537 min Scan# 1021

Delta R.T. -0.007 min

Lab File: BG057444.D

Acq: 17 May 2023 11:43

Instrument :

BNA_G

ClientSampleId :

PB152384BL

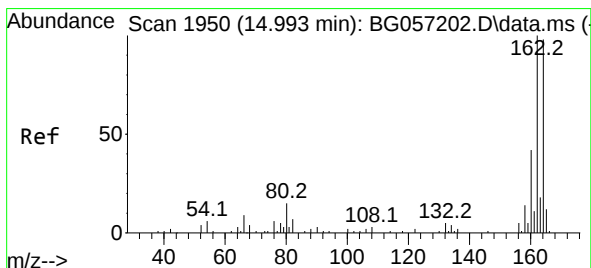
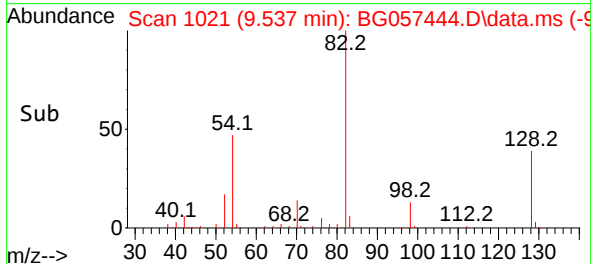
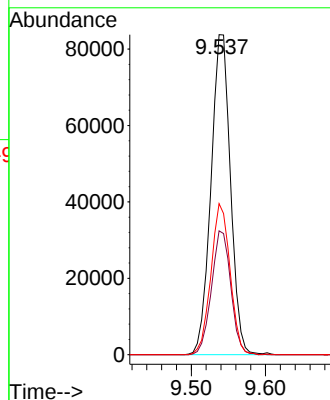
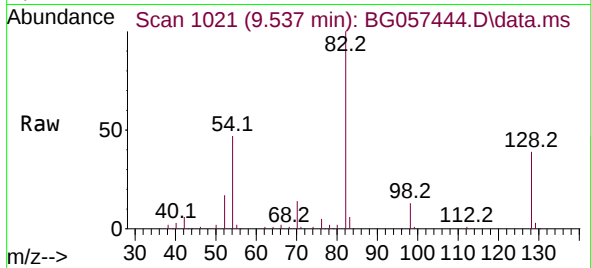
Tgt Ion: 82 Resp: 153223

Ion Ratio Lower Upper

82 100

128 38.7 29.0 43.4

54 47.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.977 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG057444.D

Acq: 17 May 2023 11:43

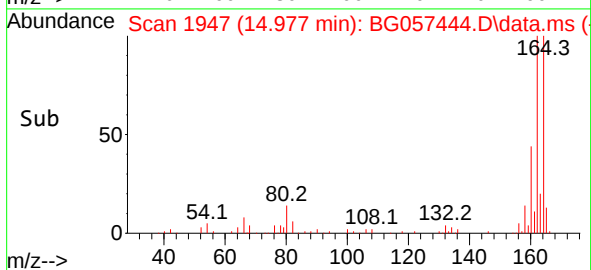
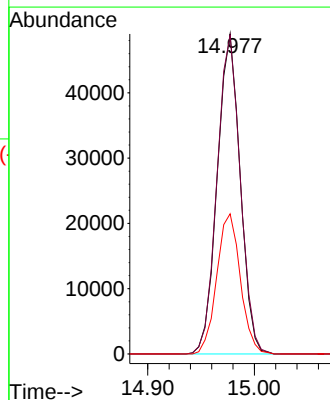
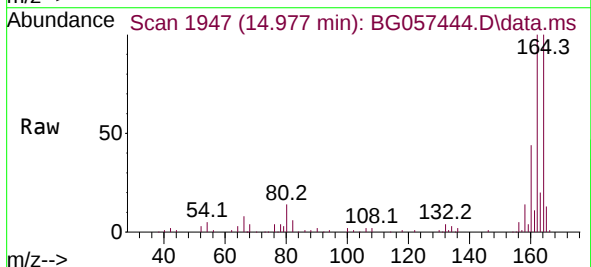
Tgt Ion:164 Resp: 73173

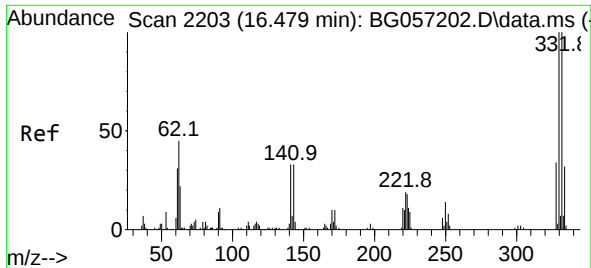
Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

160 43.8 34.6 52.0

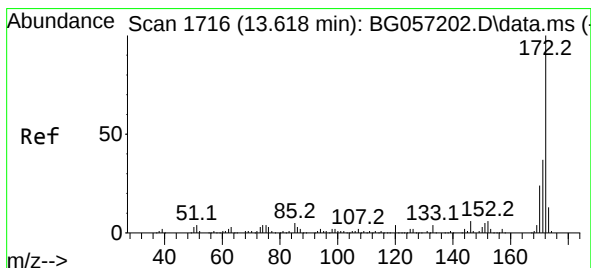
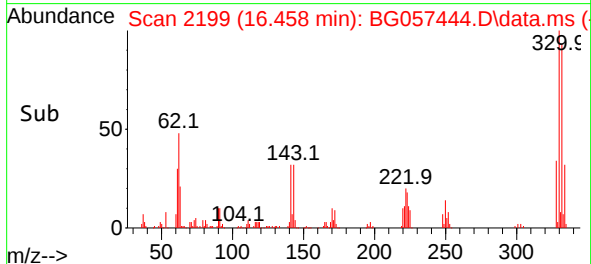
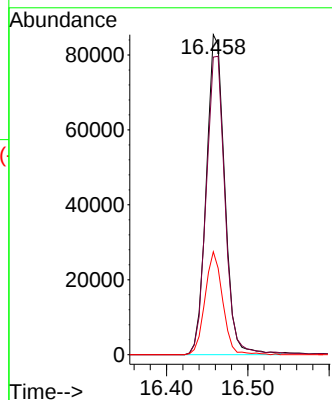
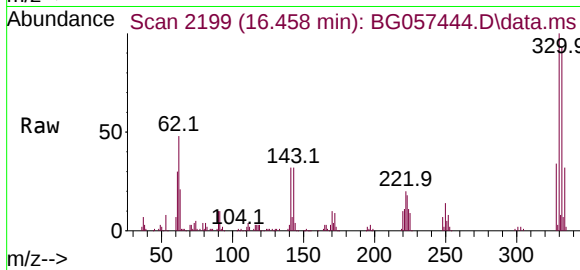




#42
 2,4,6-Tribromophenol
 Concen: 129.197 ng
 RT: 16.458 min Scan# 2119
 Delta R.T. -0.007 min
 Lab File: BG057444.D
 Acq: 17 May 2023 11:43

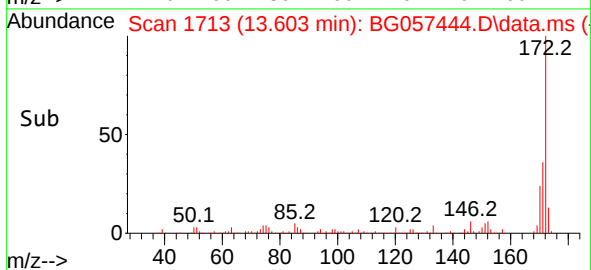
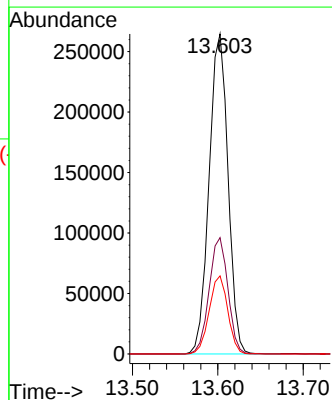
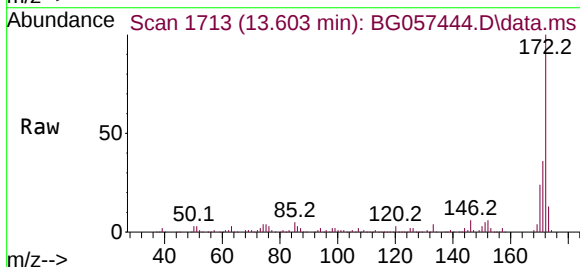
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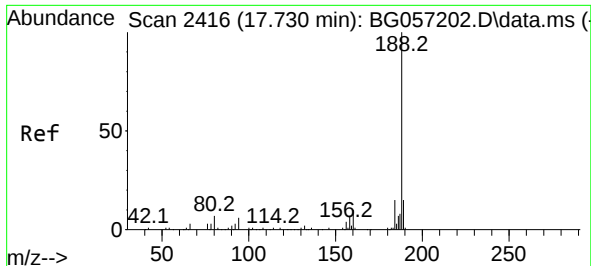
Tgt Ion:330 Resp: 134139
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.2 117.2
 141 30.9 27.8 41.8



#45
 2-Fluorobiphenyl
 Concen: 75.152 ng
 RT: 13.603 min Scan# 1713
 Delta R.T. -0.001 min
 Lab File: BG057444.D
 Acq: 17 May 2023 11:43

Tgt Ion:172 Resp: 408310
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.4 19.0 28.6

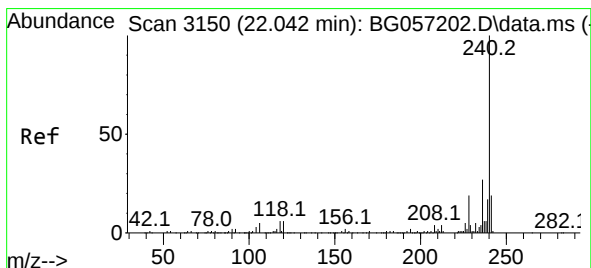
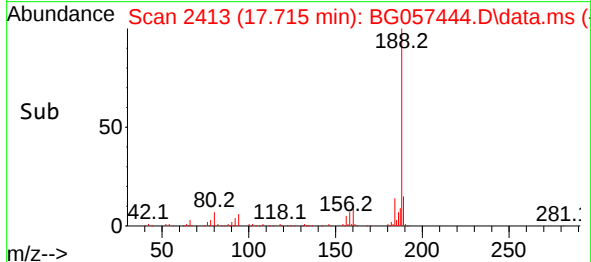
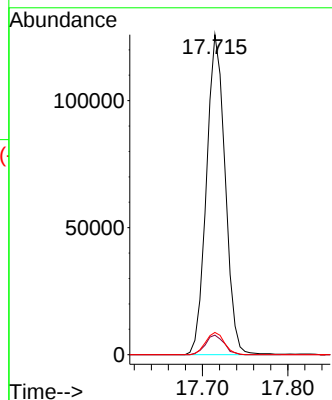
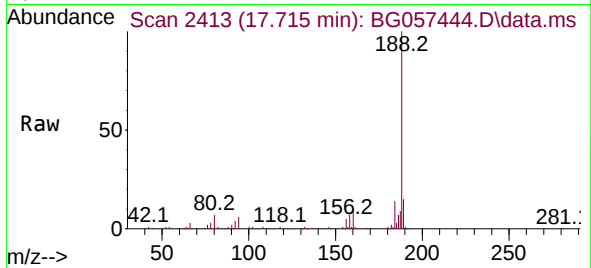




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057444.D
Acq: 17 May 2023 11:43

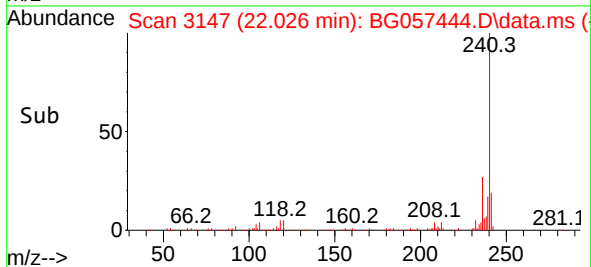
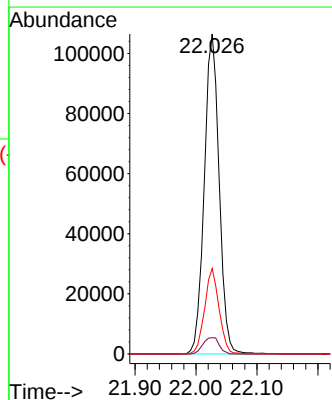
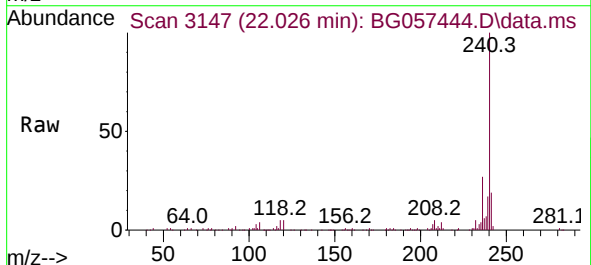
Instrument :
BNA_G
ClientSampleId :
PB152384BL

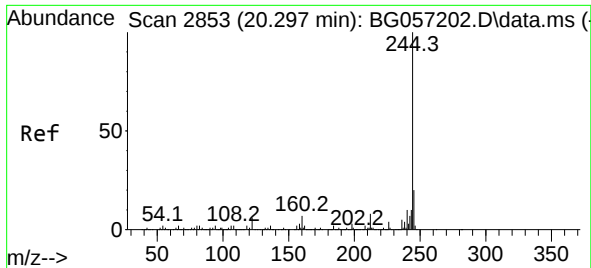
Tgt Ion:188 Resp: 191471
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 6.9 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.026 min Scan# 3147
Delta R.T. -0.007 min
Lab File: BG057444.D
Acq: 17 May 2023 11:43

Tgt Ion:240 Resp: 180735
Ion Ratio Lower Upper
240 100
120 5.0 4.9 7.3
236 26.7 21.4 32.2

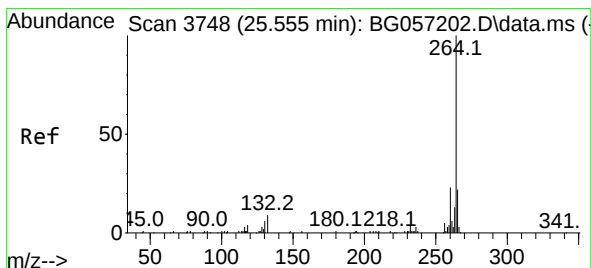
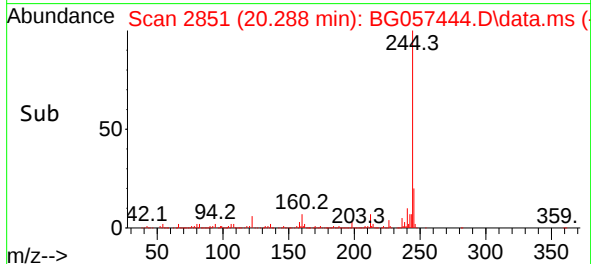
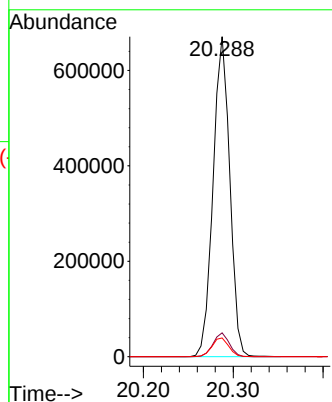
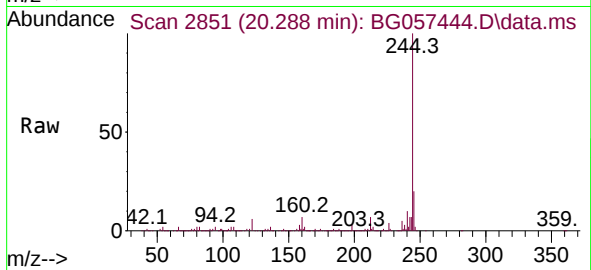




#79
 Terphenyl-d14
 Concen: 78.166 ng
 RT: 20.288 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057444.D
 Acq: 17 May 2023 11:43

Instrument :
 BNA_G
 ClientSampleId :
 PB152384BL

Tgt Ion:244 Resp: 865687
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.9 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.533 min Scan# 3744
 Delta R.T. -0.001 min
 Lab File: BG057444.D
 Acq: 17 May 2023 11:43

Tgt Ion:264 Resp: 179053
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.9 17.9 26.9

