

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058740.D
 Acq On : 16 Aug 2023 9:14
 Operator : MA/JU
 Sample : PB154844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154844BL

Quant Time: Aug 16 11:22:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	27644	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	113408	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	84187	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	232105	20.000	ng	0.00
76) Chrysene-d12	21.451	240	213748	20.000	ng	0.00
86) Perylene-d12	24.530	264	259928	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	251690	139.161	ng	0.00
7) Phenol-d6	6.986	99	342777	136.203	ng	0.00
23) Nitrobenzene-d5	8.977	82	206668	89.523	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	178183	129.129	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	500155	89.031	ng	0.00
79) Terphenyl-d14	19.829	244	1065670	93.756	ng	0.00

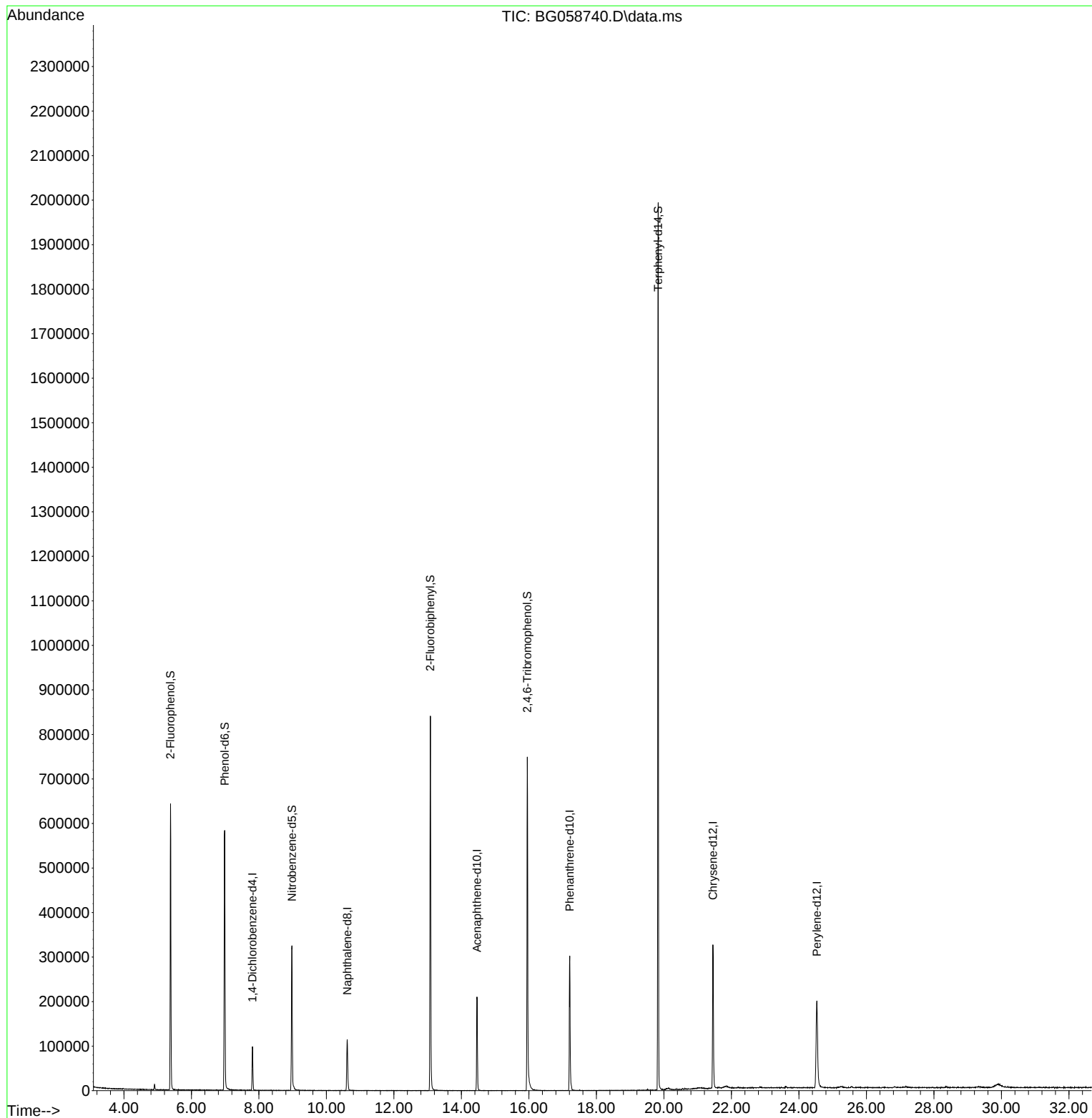
Target Compounds	Qvalue

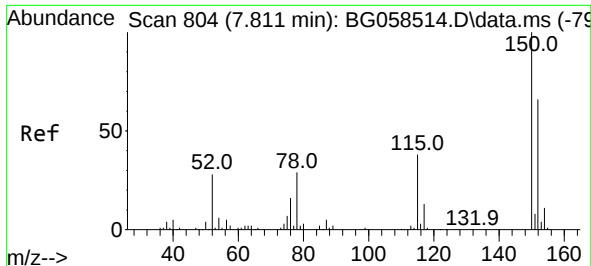
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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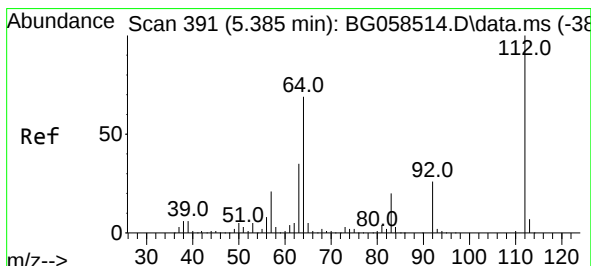
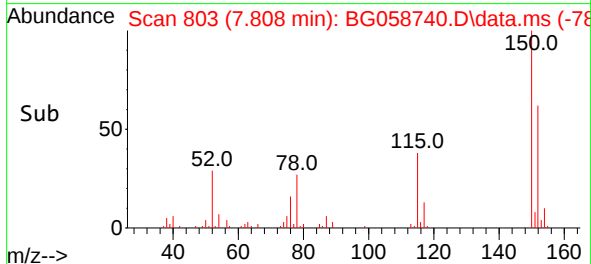
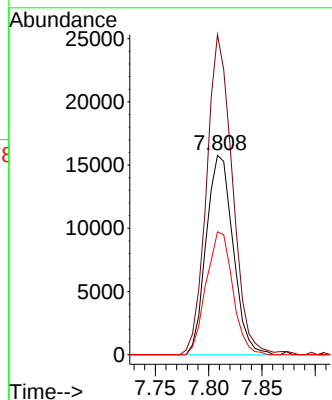
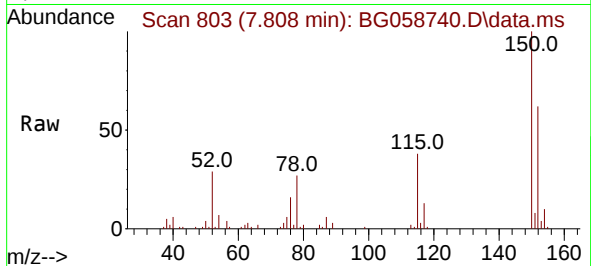




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

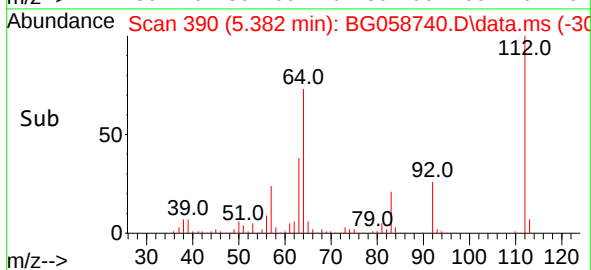
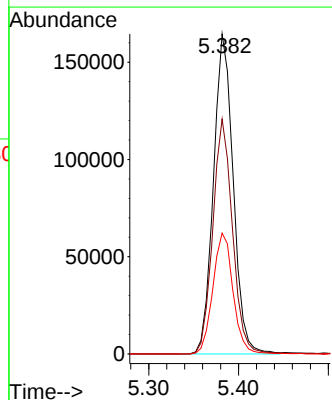
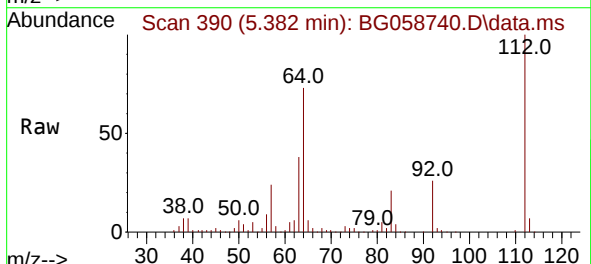
Instrument :
BNA_G
ClientSampleId :
PB154844BL

Tgt Ion:152 Resp: 27644
Ion Ratio Lower Upper
152 100
150 160.5 120.5 180.7
115 61.6 45.9 68.9



#5
2-Fluorophenol
Concen: 139.161 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

Tgt Ion:112 Resp: 251690
Ion Ratio Lower Upper
112 100
64 73.4 55.3 82.9
63 37.7 28.3 42.5

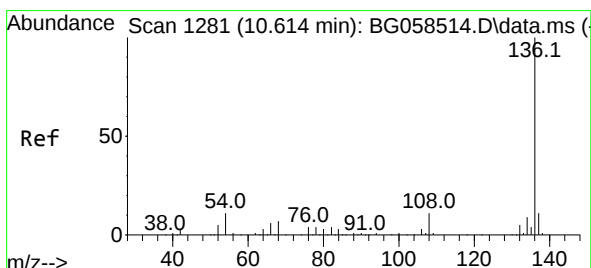
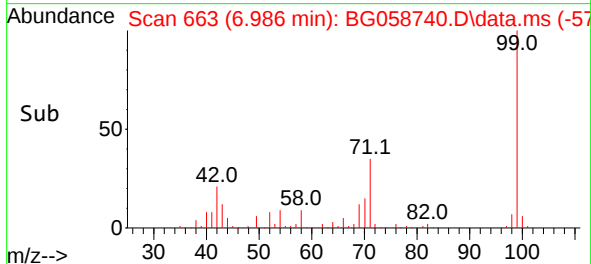
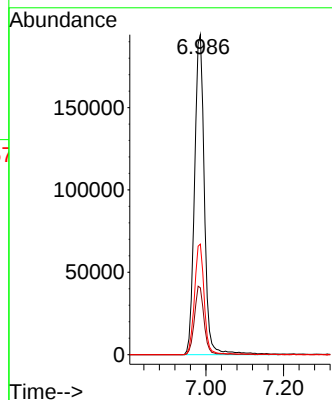
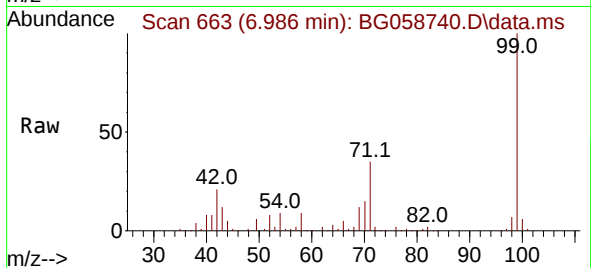




#7
Phenol-d6
Concen: 136.203 ng
RT: 6.986 min Scan# 609
Delta R.T. 0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

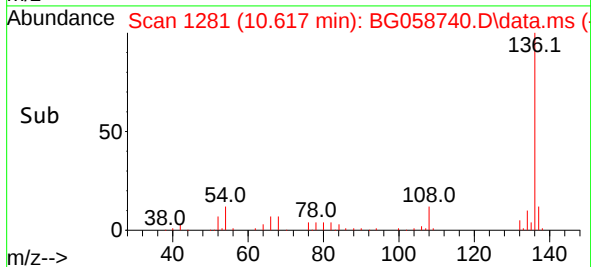
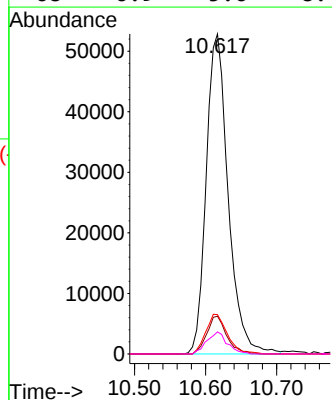
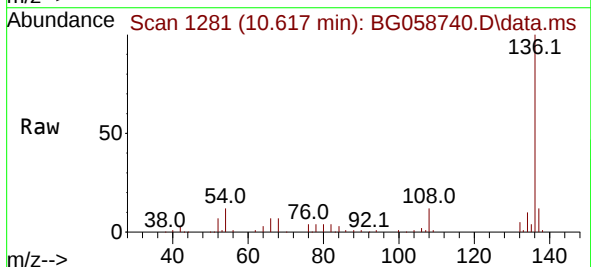
Instrument :
BNA_G
ClientSampleId :
PB154844BL

Tgt Ion: 99 Resp: 342777
Ion Ratio Lower Upper
99 100
42 20.9 14.6 21.8
71 34.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

Tgt Ion: 136 Resp: 113408
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 12.3 8.9 13.3
68 6.9 5.6 8.4

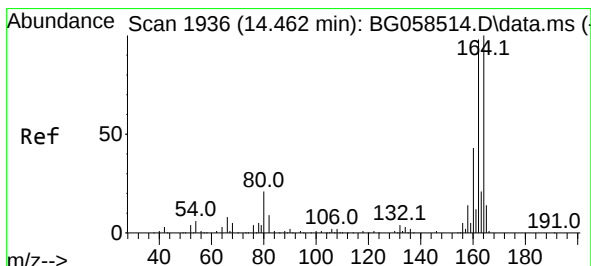
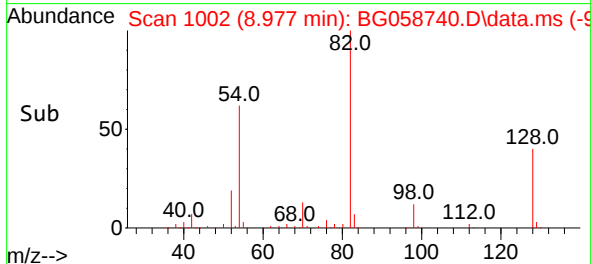
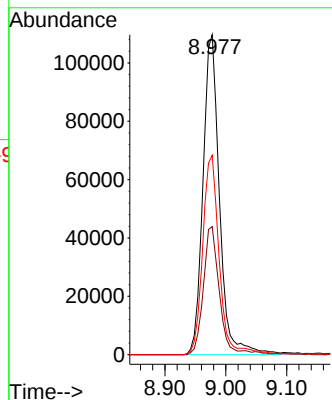
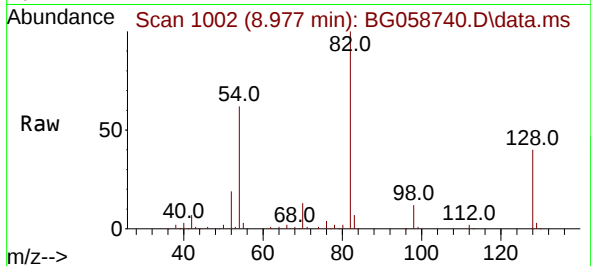




#23
Nitrobenzene-d5
Concen: 89.523 ng
RT: 8.977 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

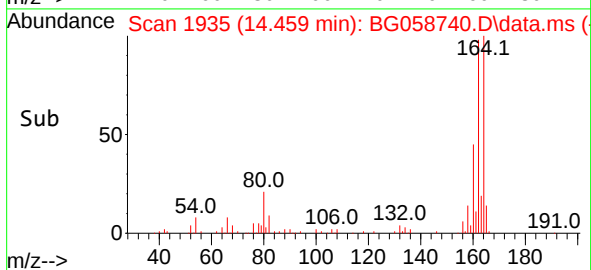
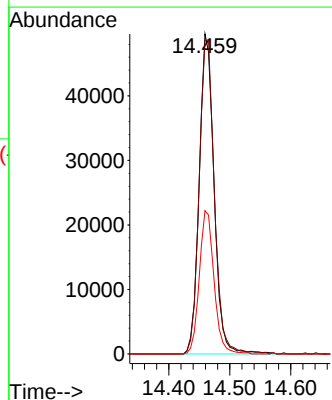
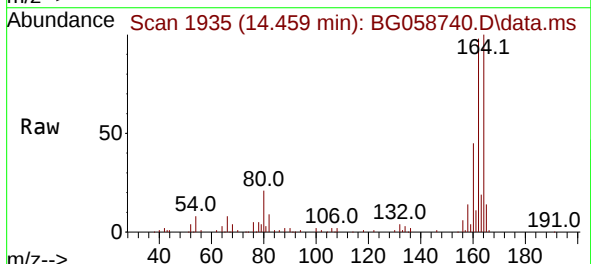
Instrument :
BNA_G
ClientSampleId :
PB154844BL

Tgt Ion: 82 Resp: 206668
Ion Ratio Lower Upper
82 100
128 40.1 32.2 48.2
54 62.3 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

Tgt Ion:164 Resp: 84187
Ion Ratio Lower Upper
164 100
162 97.9 78.3 117.5
160 44.8 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 129.129 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058740.D

Acq: 16 Aug 2023 9:14

Instrument :

BNA_G

ClientSampleId :

PB154844BL

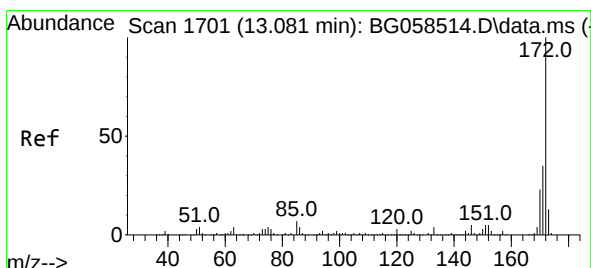
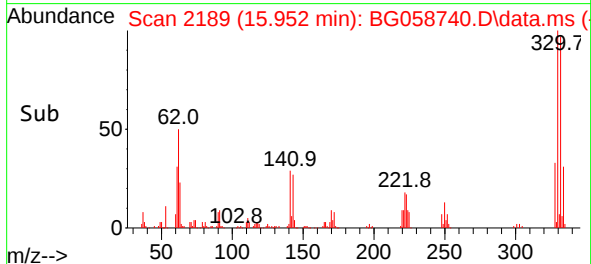
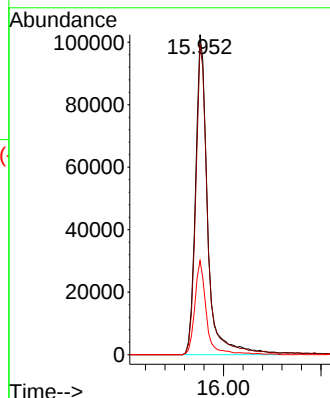
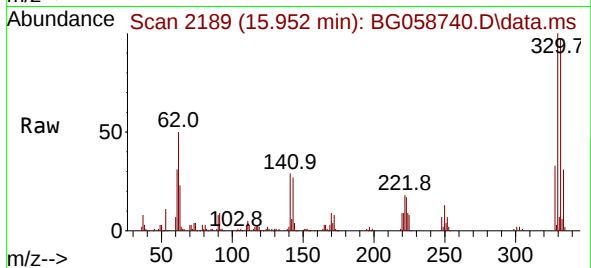
Tgt Ion:330 Resp: 178183

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 28.0 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 89.031 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.003 min

Lab File: BG058740.D

Acq: 16 Aug 2023 9:14

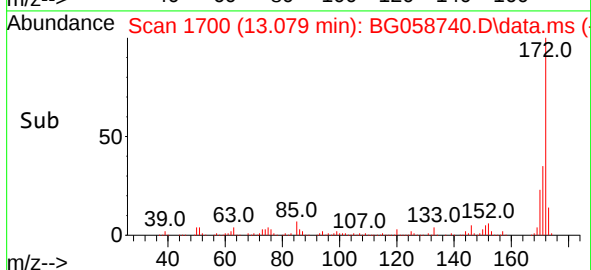
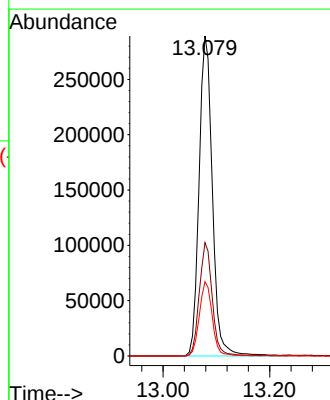
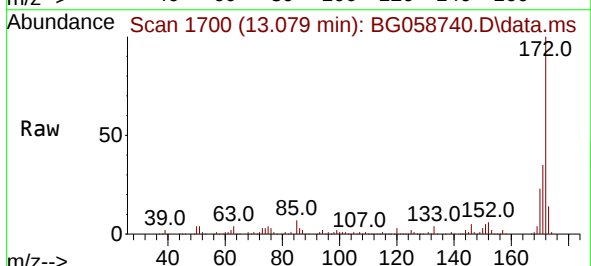
Tgt Ion:172 Resp: 500155

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.2 18.4 27.6

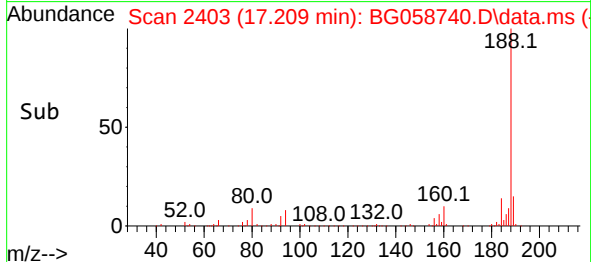
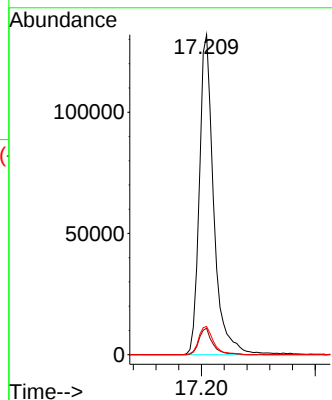
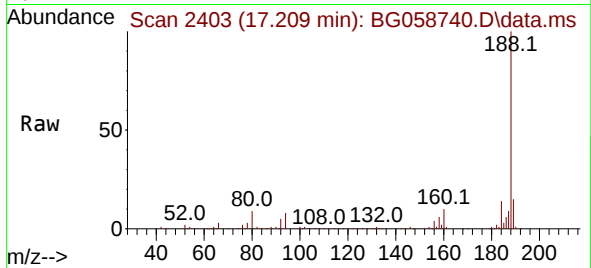




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

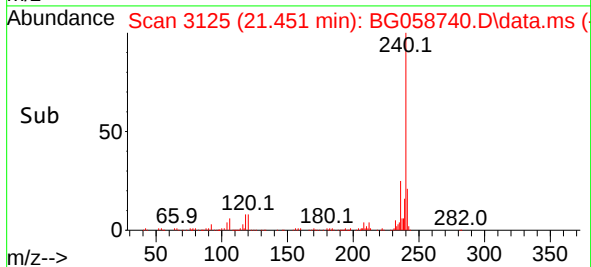
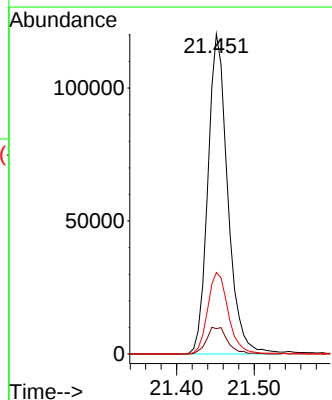
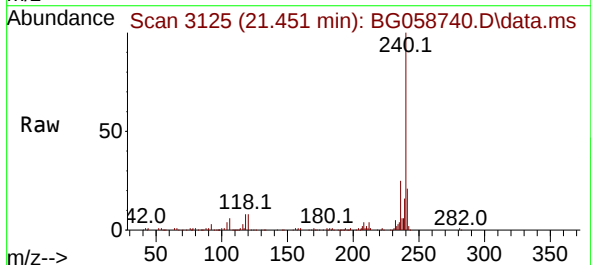
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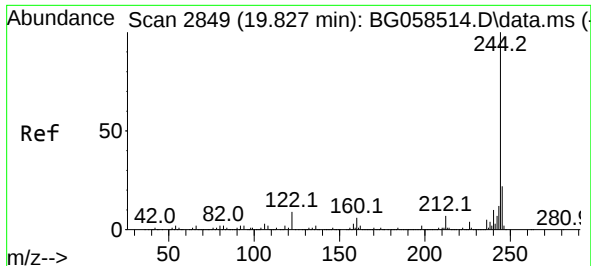
Tgt Ion:188 Resp: 232105
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058740.D
Acq: 16 Aug 2023 9:14

Tgt Ion:240 Resp: 213748
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 25.5 22.2 33.4

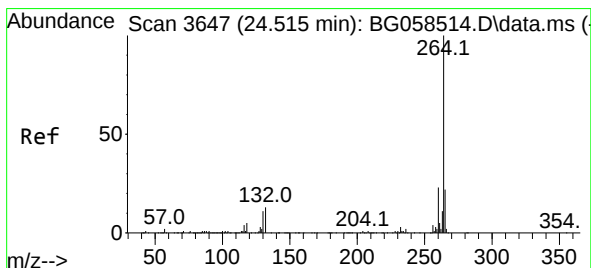
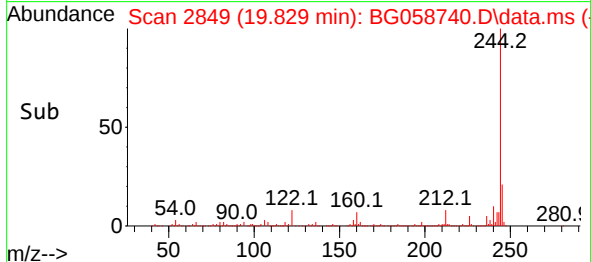
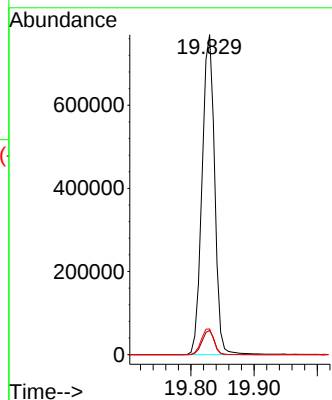
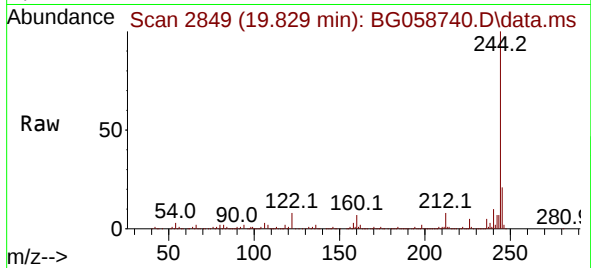




#79
 Terphenyl-d14
 Concen: 93.756 ng
 RT: 19.829 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058740.D
 Acq: 16 Aug 2023 9:14

Instrument :
 BNA_G
 ClientSampleId :
 PB154844BL

Tgt Ion:244 Resp: 1065670
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.1 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.530 min Scan# 3649
 Delta R.T. 0.015 min
 Lab File: BG058740.D
 Acq: 16 Aug 2023 9:14

Tgt Ion:264 Resp: 259928
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.4 17.9 26.9

