

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058760.D
 Acq On : 17 Aug 2023 13:16
 Operator : MA/JU
 Sample : PB154392TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154392TB

Quant Time: Aug 18 01:52:01 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	7.811	152	22658	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	95534	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	72121	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	191602	20.000	ng	0.00
76) Chrysene-d12	21.448	240	184542	20.000	ng	0.00
86) Perylene-d12	24.527	264	219290	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	218582	147.451	ng	0.00
7) Phenol-d6	6.983	99	291524	141.328	ng	0.00
23) Nitrobenzene-d5	8.975	82	175855	90.428	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	151526	128.182	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	437969	91.005	ng	0.00
79) Terphenyl-d14	19.827	244	924384	94.197	ng	0.00

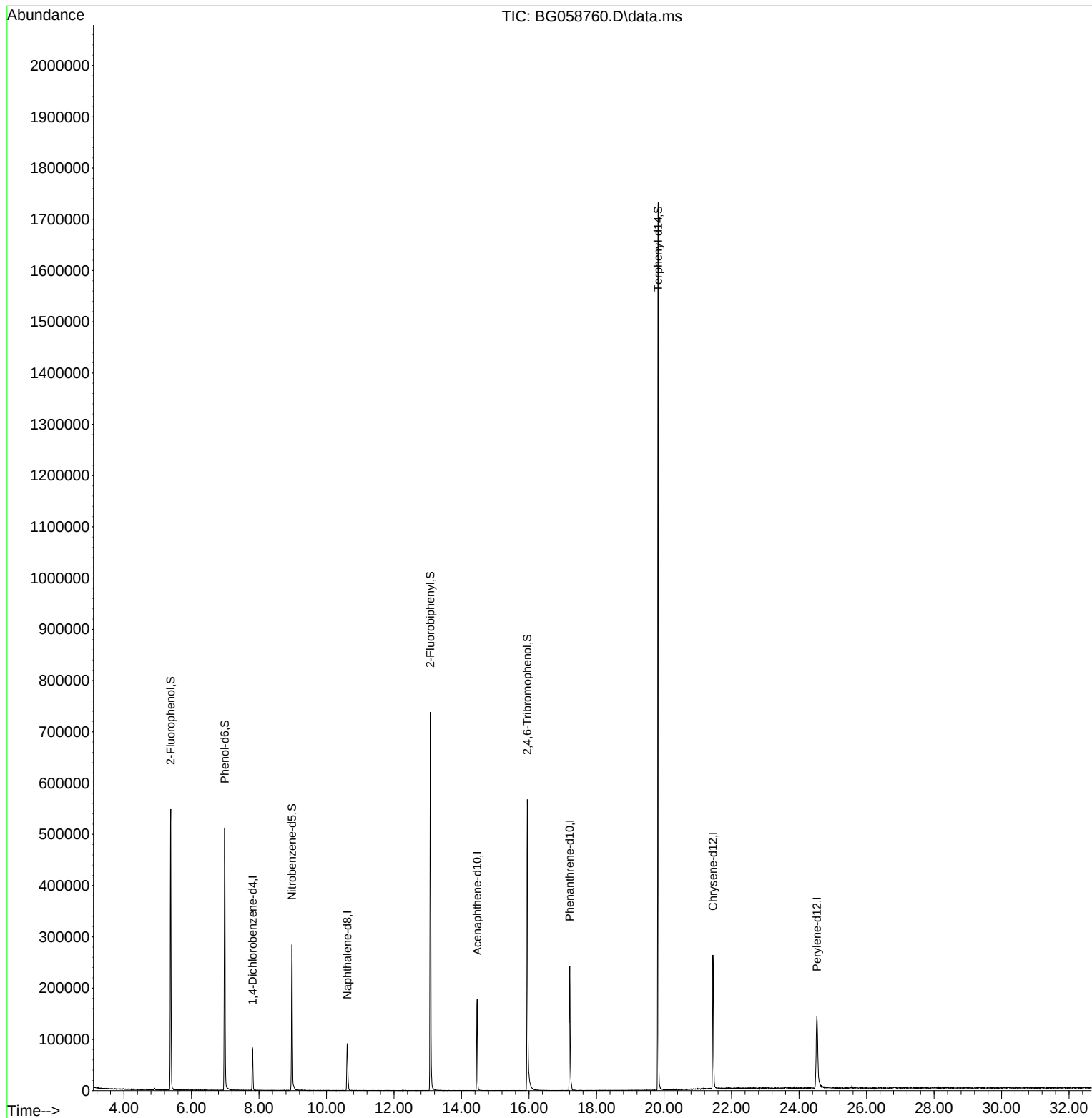
Target Compounds	Qvalue

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

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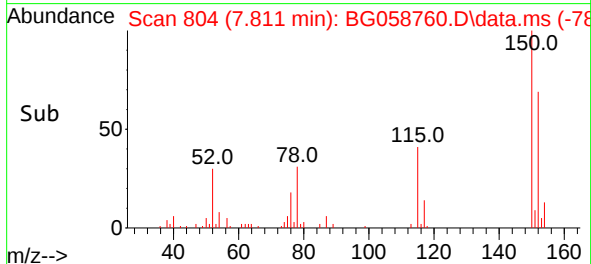
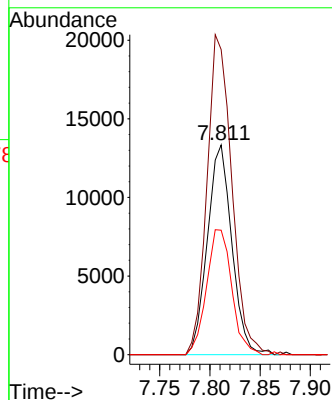
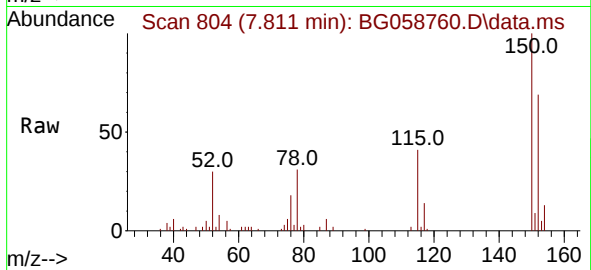




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

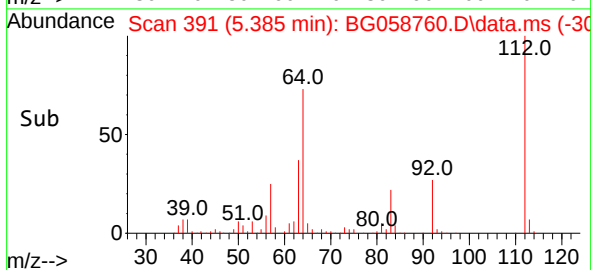
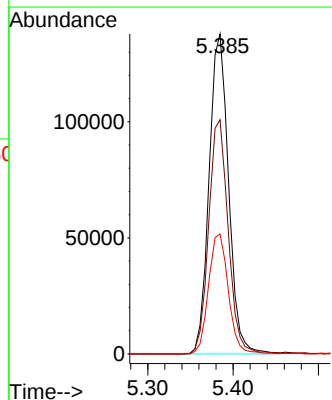
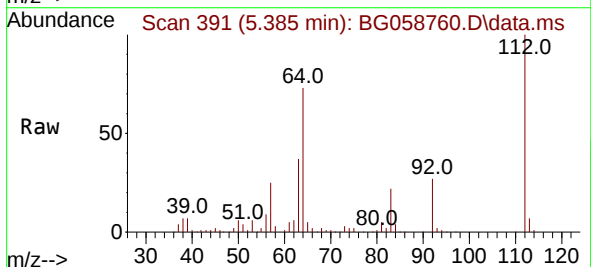
Instrument :
BNA_G
ClientSampleId :
PB154392TB

Tgt Ion:152 Resp: 22658
Ion Ratio Lower Upper
152 100
150 145.5 120.5 180.7
115 59.3 45.9 68.9



#5
2-Fluorophenol
Concen: 147.451 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:112 Resp: 218582
Ion Ratio Lower Upper
112 100
64 73.2 55.3 82.9
63 37.5 28.3 42.5

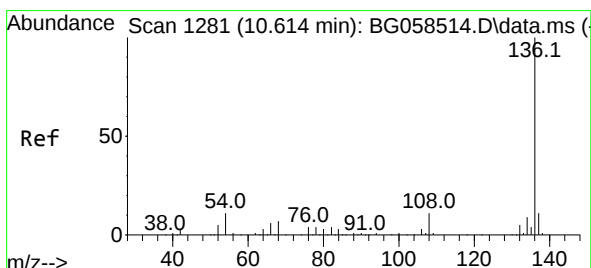
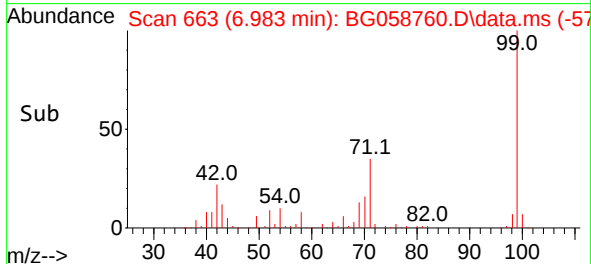
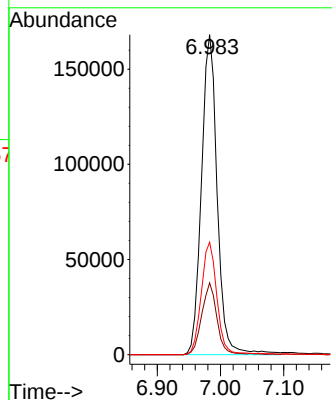
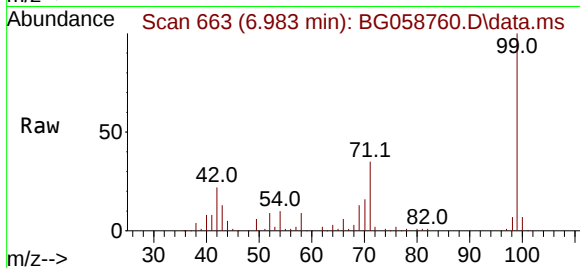




#7
Phenol-d6
Concen: 141.328 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

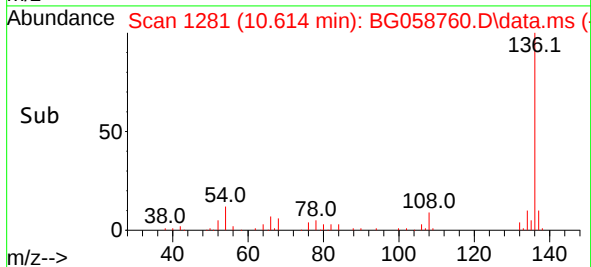
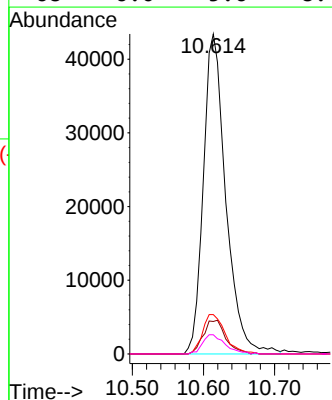
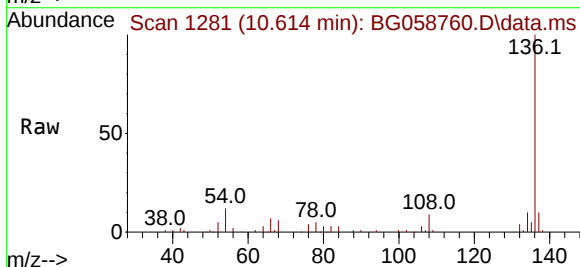
Instrument :
BNA_G
ClientSampleId :
PB154392TB

Tgt Ion: 99 Resp: 291524
Ion Ratio Lower Upper
99 100
42 22.4 14.6 21.8#
71 35.1 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion: 136 Resp: 95534
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 12.3 8.9 13.3
68 6.0 5.6 8.4

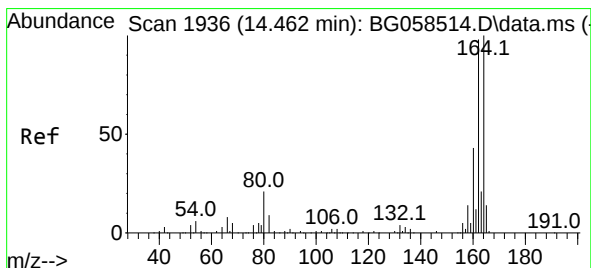
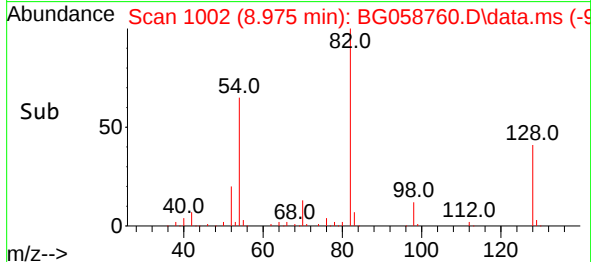
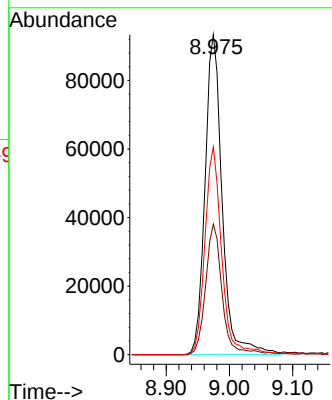
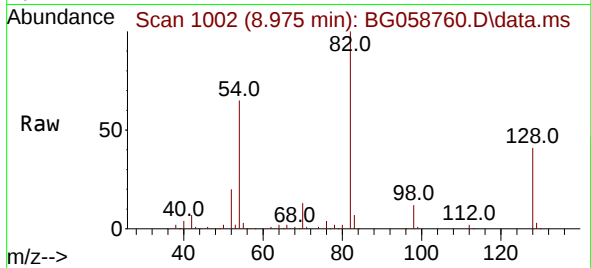




#23
Nitrobenzene-d5
Concen: 90.428 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

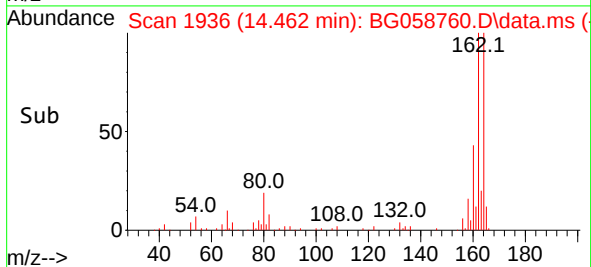
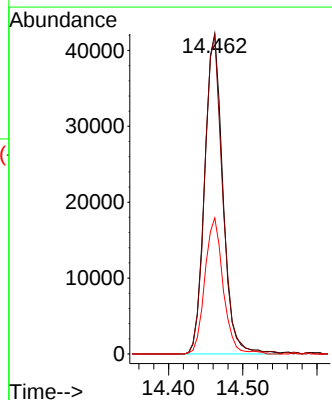
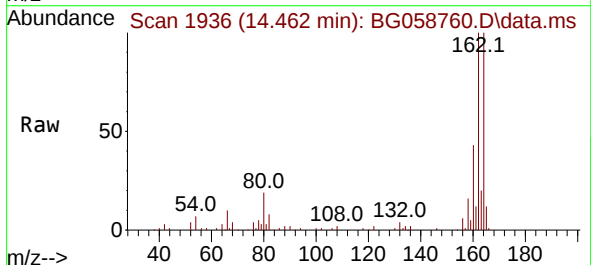
Instrument :
BNA_G
ClientSampleId :
PB154392TB

Tgt Ion: 82 Resp: 175855
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 64.9 46.0 69.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:164 Resp: 72121
Ion Ratio Lower Upper
164 100
162 99.7 78.3 117.5
160 42.5 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 128.182 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058760.D

Acq: 17 Aug 2023 13:16

Instrument :

BNA_G

ClientSampleId :

PB154392TB

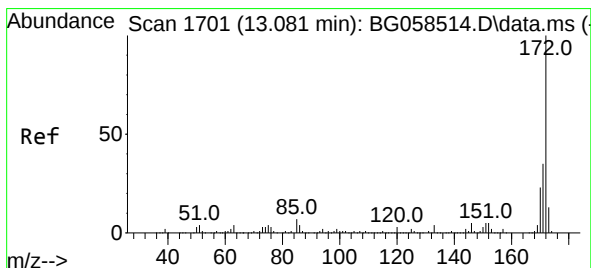
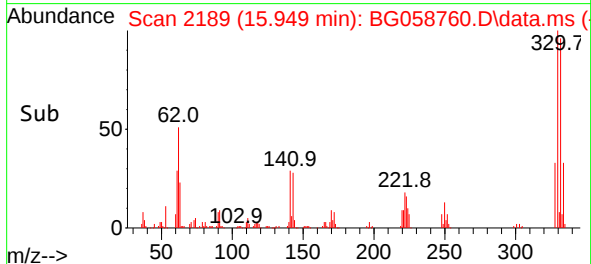
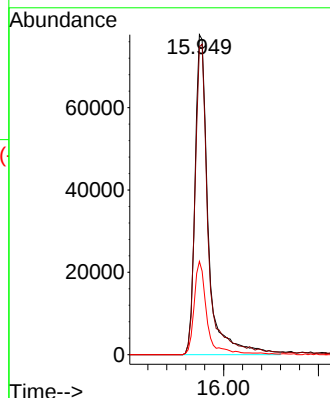
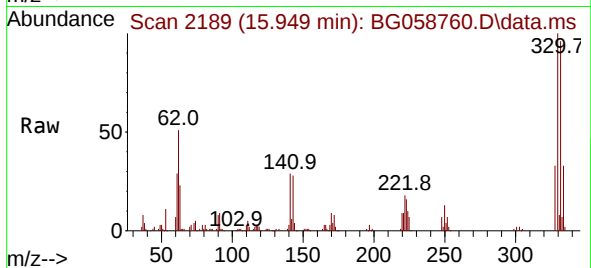
Tgt Ion:330 Resp: 151526

Ion Ratio Lower Upper

330 100

332 96.2 77.5 116.3

141 27.9 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 91.005 ng

RT: 13.076 min Scan# 1700

Delta R.T. -0.006 min

Lab File: BG058760.D

Acq: 17 Aug 2023 13:16

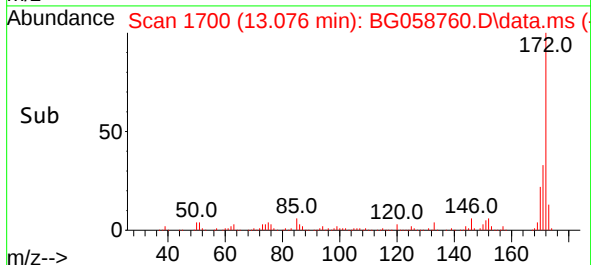
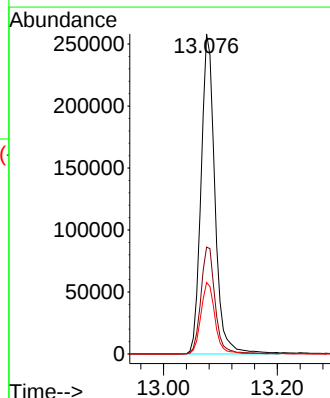
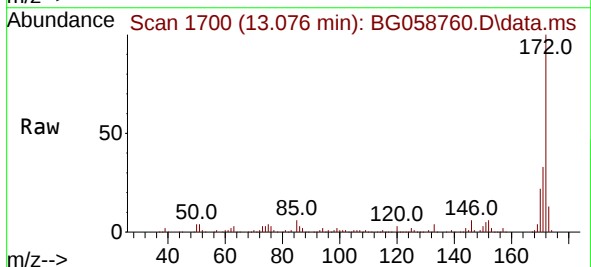
Tgt Ion:172 Resp: 437969

Ion Ratio Lower Upper

172 100

171 33.4 28.0 42.0

170 22.3 18.4 27.6

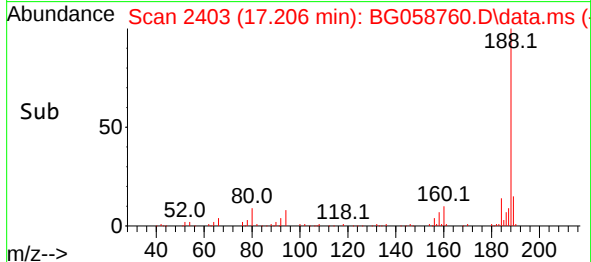
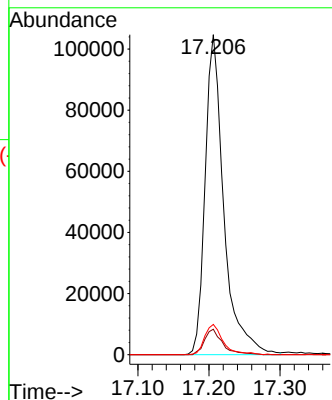
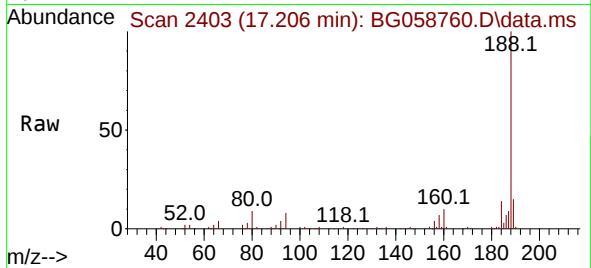




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

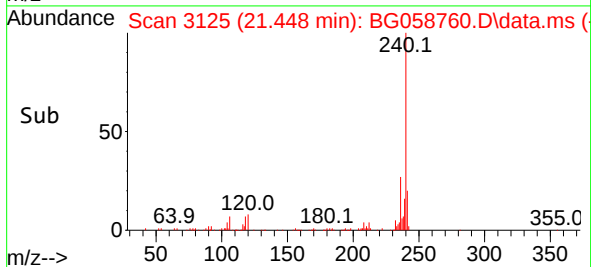
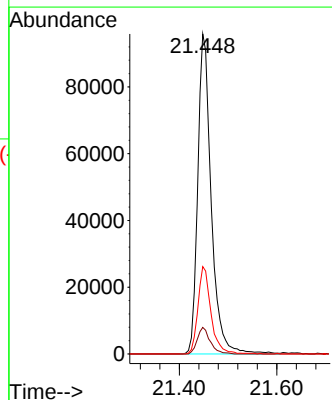
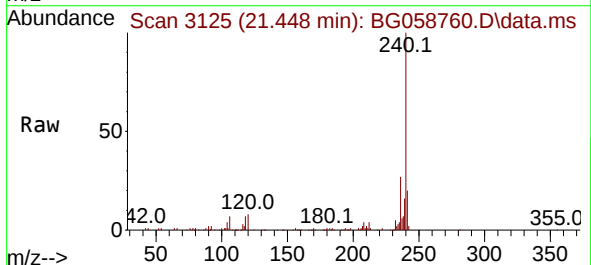
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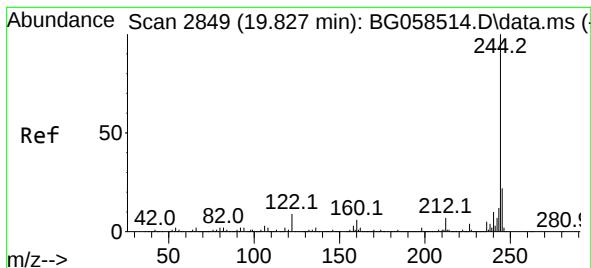
Tgt Ion:188 Resp: 191602
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058760.D
Acq: 17 Aug 2023 13:16

Tgt Ion:240 Resp: 184542
Ion Ratio Lower Upper
240 100
120 8.3 7.4 11.0
236 27.3 22.2 33.4





#79

Terphenyl-d14

Concen: 94.197 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BG058760.D

Acq: 17 Aug 2023 13:16

Instrument :

BNA_G

ClientSampleId :

PB154392TB

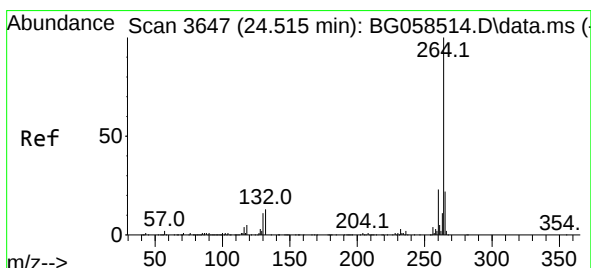
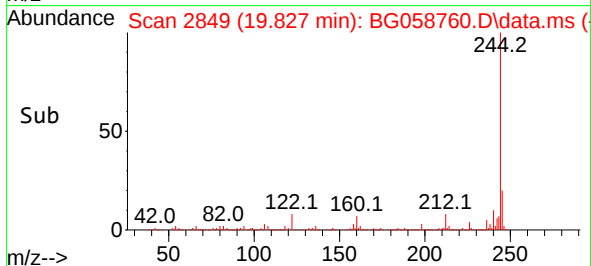
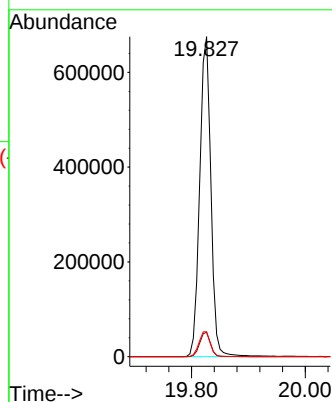
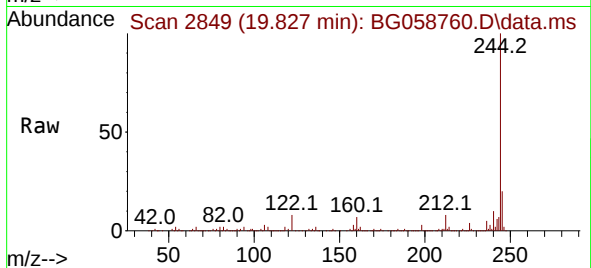
Tgt Ion:244 Resp: 924384

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 7.8 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.527 min Scan# 3649

Delta R.T. 0.012 min

Lab File: BG058760.D

Acq: 17 Aug 2023 13:16

Tgt Ion:264 Resp: 219290

Ion Ratio Lower Upper

264 100

260 22.0 18.4 27.6

265 20.9 17.9 26.9

