

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
 Data File : BG058564.D
 Acq On : 1 Aug 2023 16:01
 Operator : MA/JU
 Sample : 03715-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T842-FH-01-CT

Quant Time: Aug 01 16:55:00 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	60235	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	252139	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	172505	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	377245	20.000	ng	0.00
76) Chrysene-d12	21.448	240	327799	20.000	ng	0.00
86) Perylene-d12	24.515	264	403817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	237559	60.280	ng	0.00
7) Phenol-d6	6.982	99	326158	59.478	ng	0.00
23) Nitrobenzene-d5	8.974	82	193823	37.763	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	142935	50.552	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	464765	40.375	ng	0.00
79) Terphenyl-d14	19.826	244	777688	44.615	ng	0.00

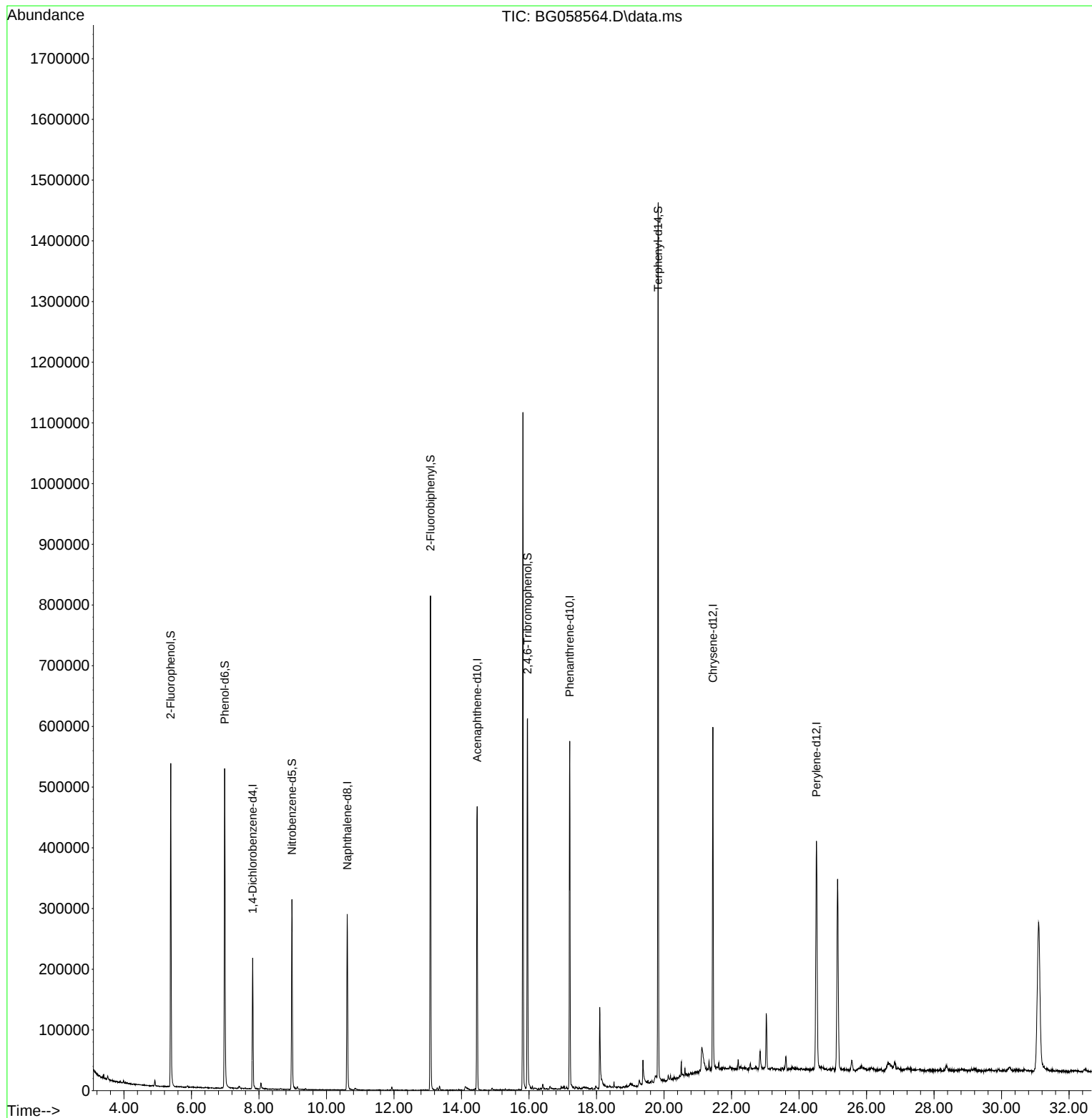
Target Compounds	Qvalue

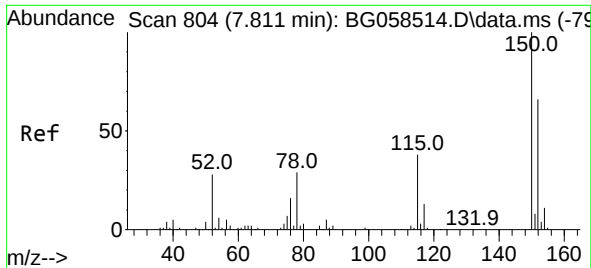
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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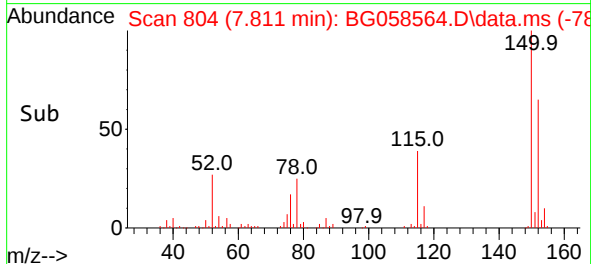
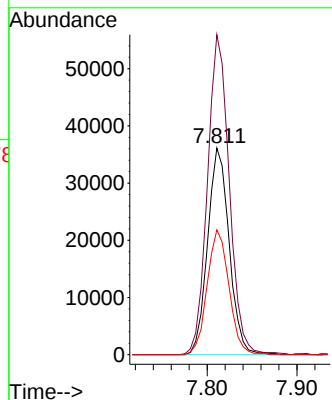
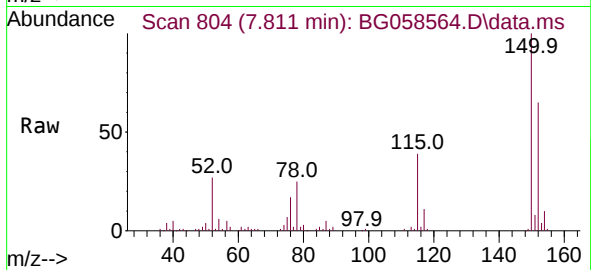




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

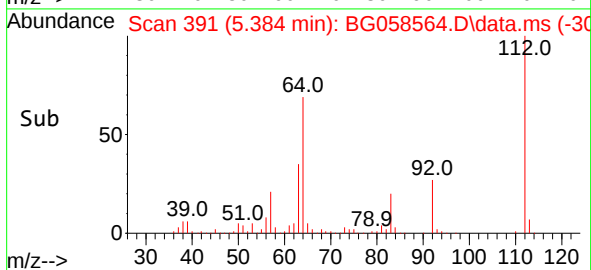
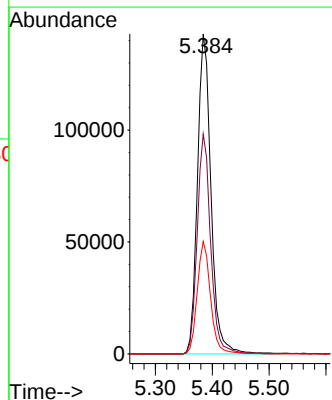
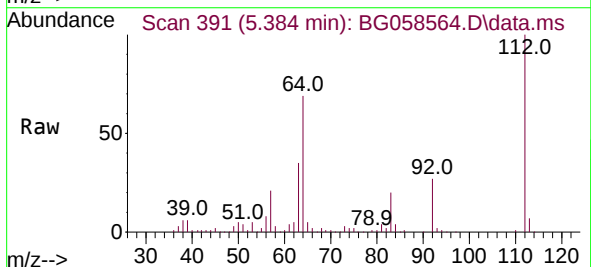
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

Tgt Ion:152 Resp: 60235
Ion Ratio Lower Upper
152 100
150 154.8 120.5 180.7
115 60.4 45.9 68.9



#5
2-Fluorophenol
Concen: 60.280 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:112 Resp: 237559
Ion Ratio Lower Upper
112 100
64 68.8 55.3 82.9
63 35.2 28.3 42.5

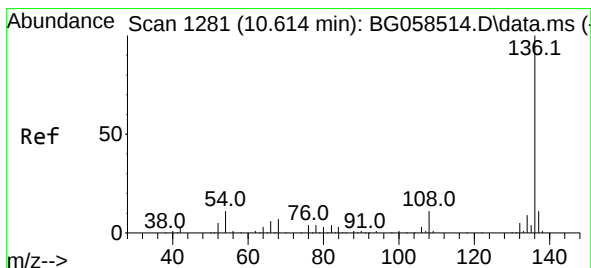
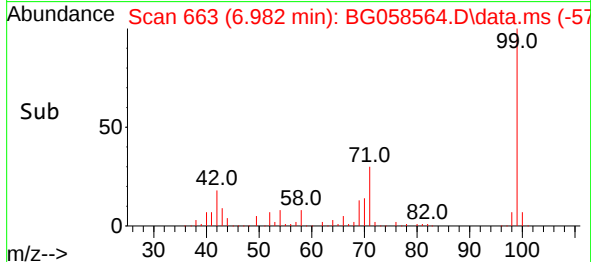
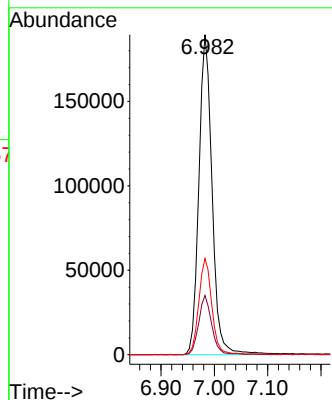
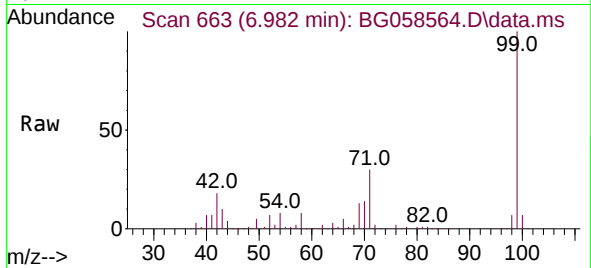




#7
Phenol-d6
Concen: 59.478 ng
RT: 6.982 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

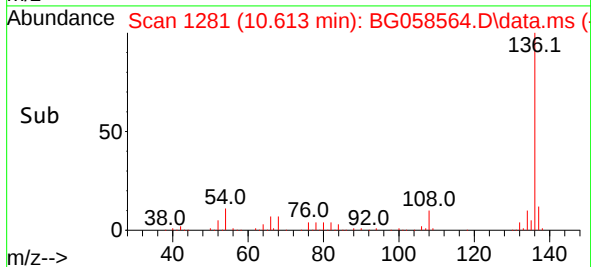
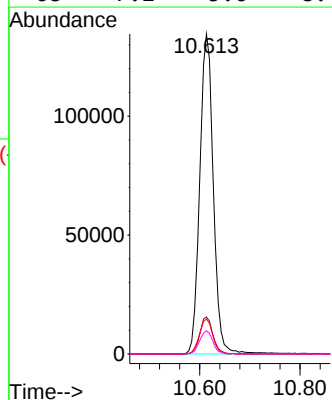
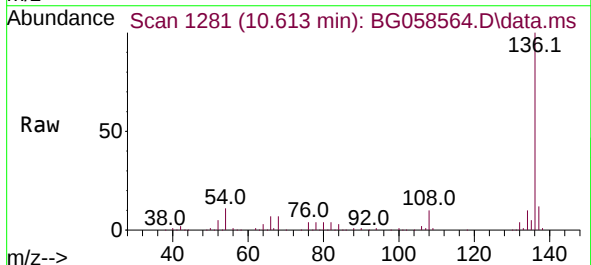
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

Tgt Ion: 99 Resp: 326158
Ion Ratio Lower Upper
99 100
42 18.5 14.6 21.8
71 30.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.613 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion: 136 Resp: 252139
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 10.9 8.9 13.3
68 7.2 5.6 8.4





#23

Nitrobenzene-d5

Concen: 37.763 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058564.D

Acq: 1 Aug 2023 16:01

Instrument :

BNA_G

ClientSampleId :

T842-FH-01-CT

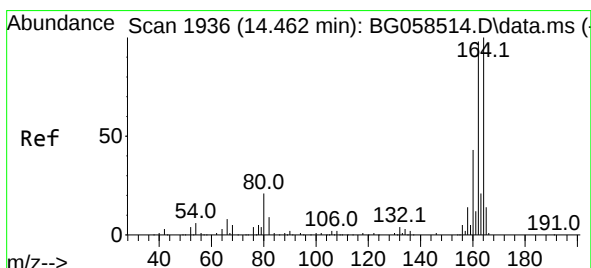
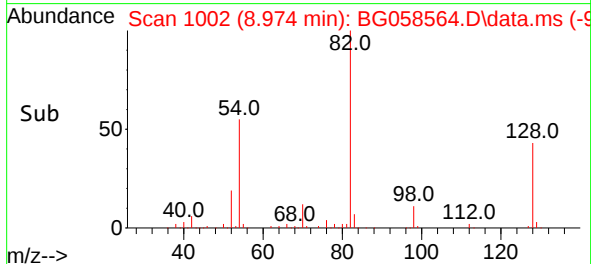
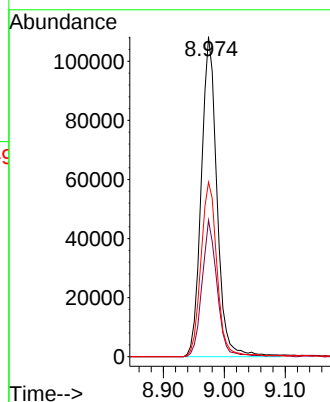
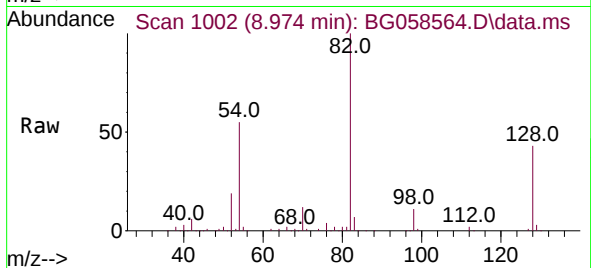
Tgt Ion: 82 Resp: 193823

Ion Ratio Lower Upper

82 100

128 42.6 32.2 48.2

54 54.6 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: BG058564.D

Acq: 1 Aug 2023 16:01

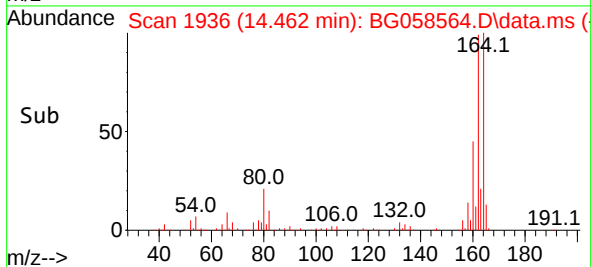
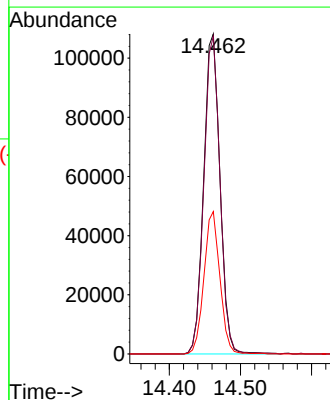
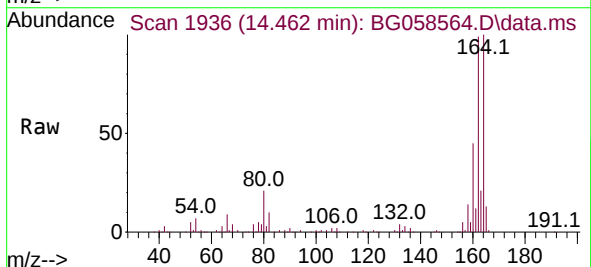
Tgt Ion:164 Resp: 172505

Ion Ratio Lower Upper

164 100

162 99.3 78.3 117.5

160 44.5 34.1 51.1

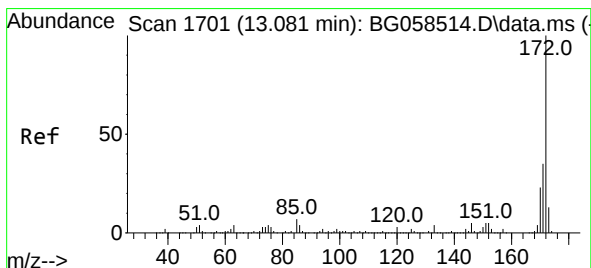
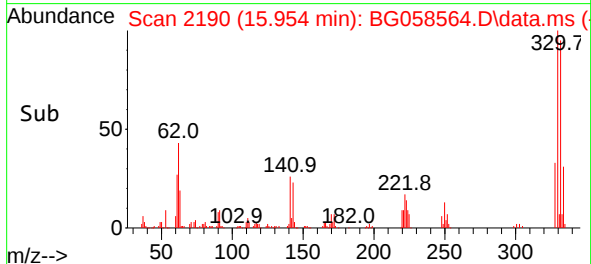
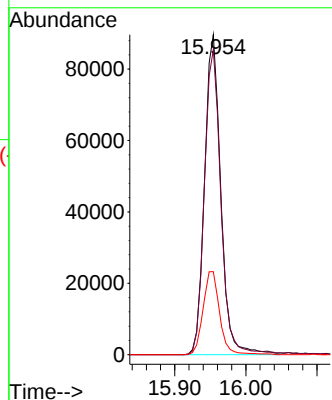
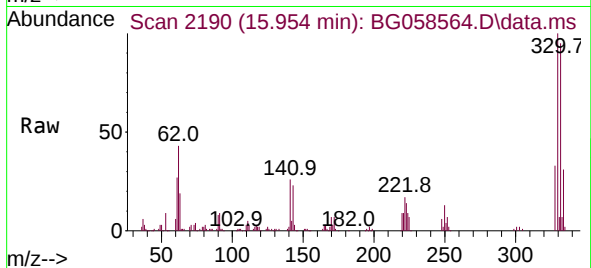




#42
2,4,6-Tribromophenol
Concen: 50.552 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

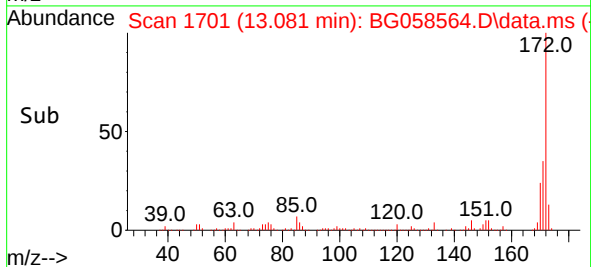
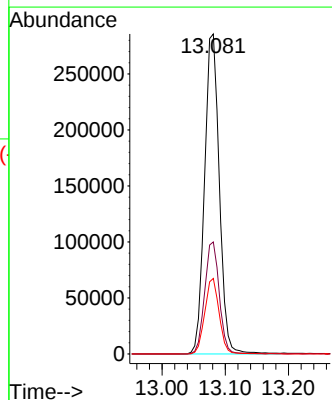
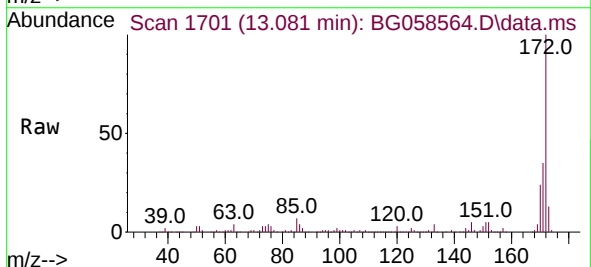
Instrument :
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T842-FH-01-CT

Tgt Ion:330 Resp: 142935
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 26.5 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 40.375 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:172 Resp: 464765
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 23.6 18.4 27.6

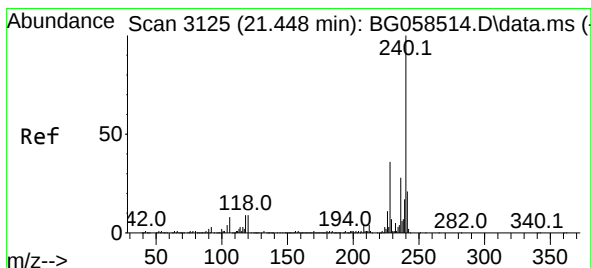
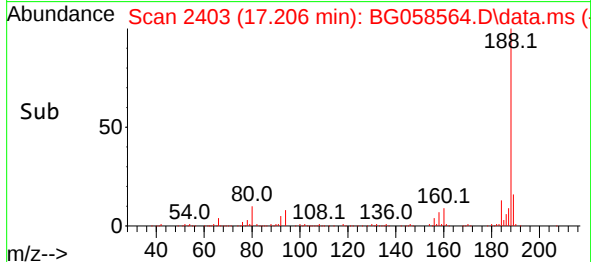
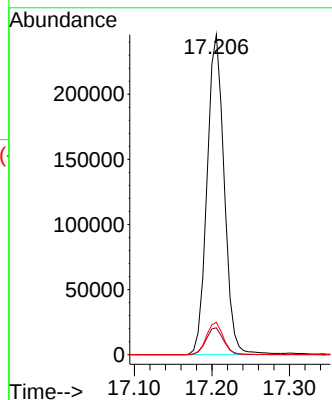
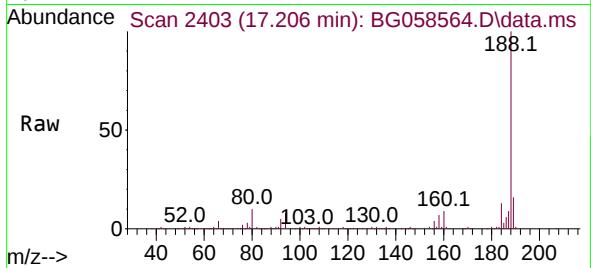




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

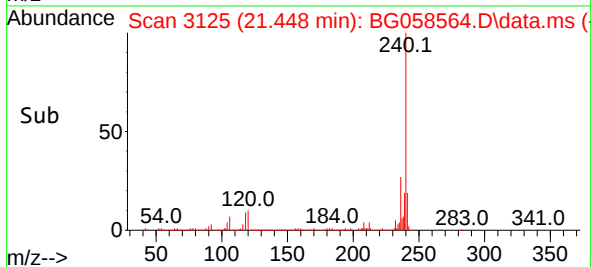
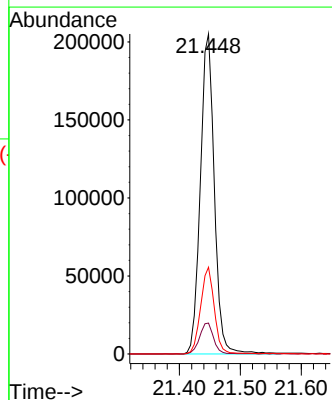
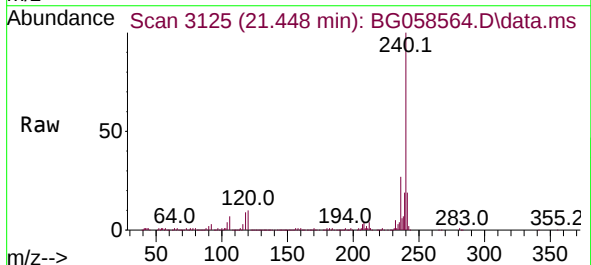
Instrument :
BNA_G
ClientSampleId :
T842-FH-01-CT

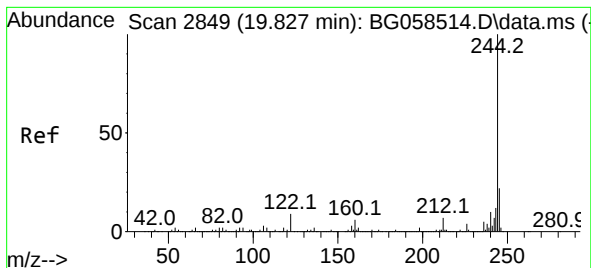
Tgt Ion:188 Resp: 377245
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 10.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058564.D
Acq: 1 Aug 2023 16:01

Tgt Ion:240 Resp: 327799
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.1 22.2 33.4





#79

Terphenyl-d14

Concen: 44.615 ng

RT: 19.826 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058564.D

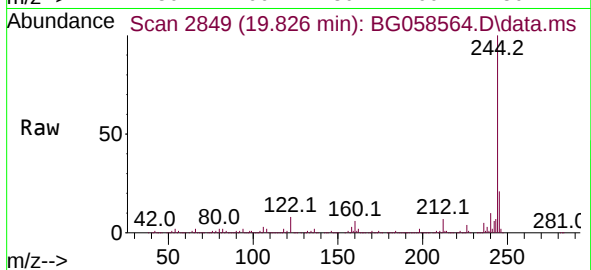
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Instrument :

BNA_G

ClientSampleId :

T842-FH-01-CT



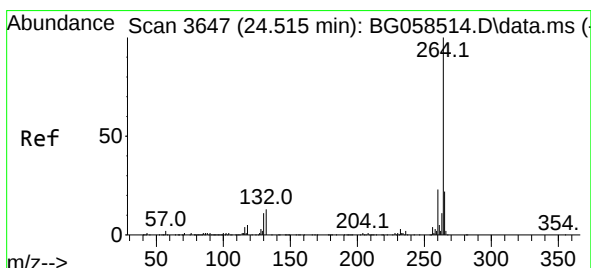
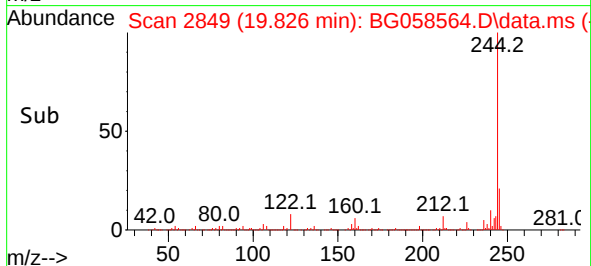
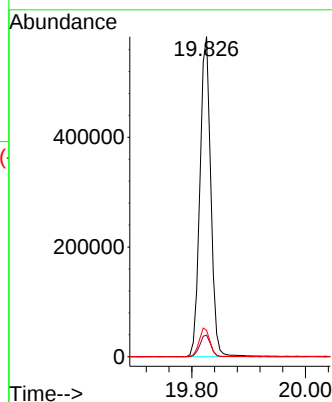
Tgt Ion:244 Resp: 777688

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.2 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.515 min Scan# 3647

Delta R.T. -0.000 min

Lab File: BG058564.D

Acq: 1 Aug 2023 16:01

Tgt Ion:264 Resp: 403817

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.7 17.9 26.9

