

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058705.D
 Acq On : 11 Aug 2023 16:40
 Operator : MA/JU
 Sample : 03971-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP08A

Quant Time: Aug 11 23:00:46 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	7.812	152	40658	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	175136	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	122917	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	313042	20.000	ng	0.00
76) Chrysene-d12	21.449	240	280559	20.000	ng	0.00
86) Perylene-d12	24.527	264	306637	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	175066	65.813	ng	0.00
7) Phenol-d6	6.983	99	282021	76.192	ng	0.00
23) Nitrobenzene-d5	8.975	82	173938	48.789	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	59314	29.441	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	410165	50.007	ng	0.00
79) Terphenyl-d14	19.827	244	794064	53.224	ng	0.00

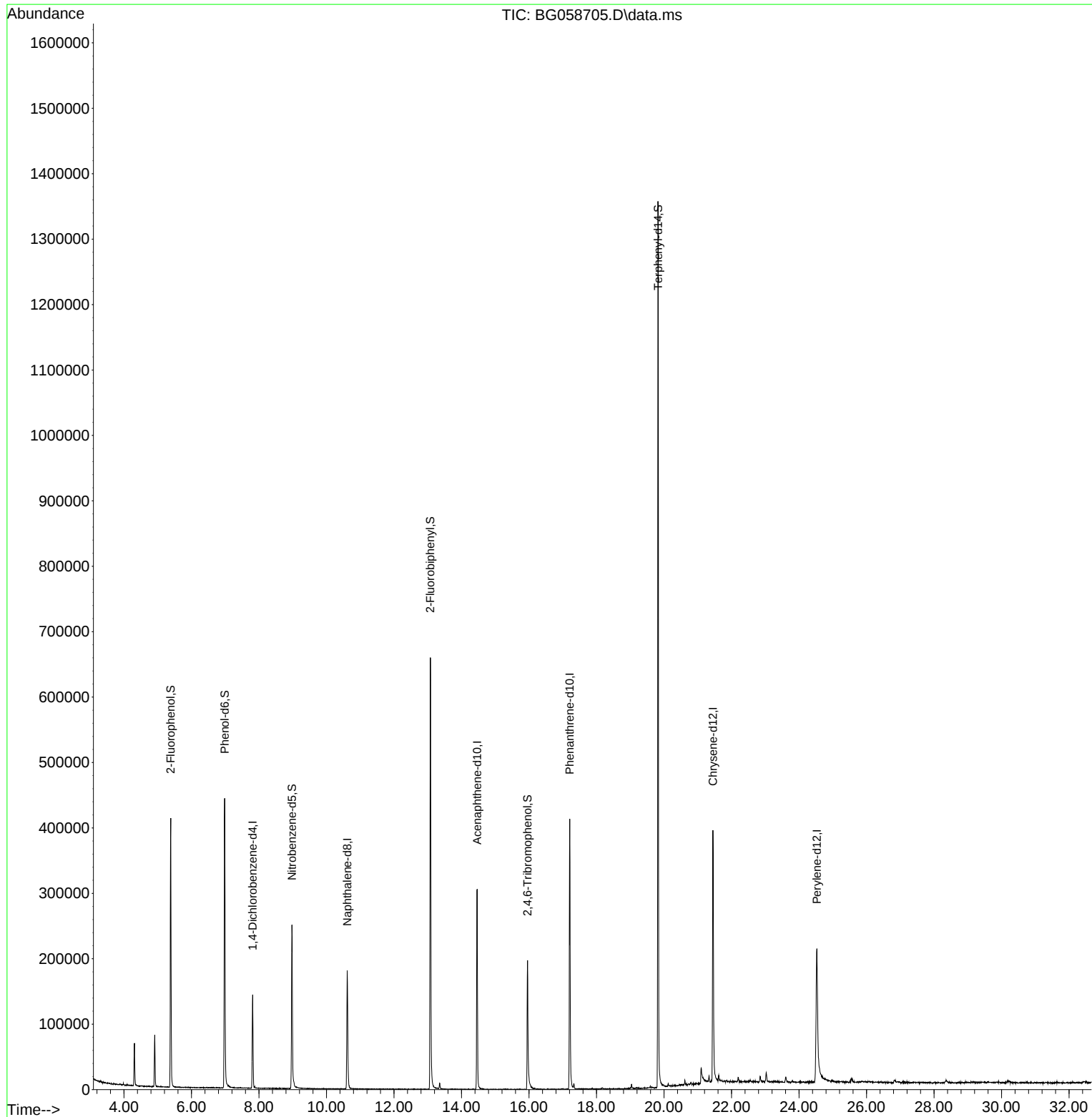
Target Compounds	Qvalue

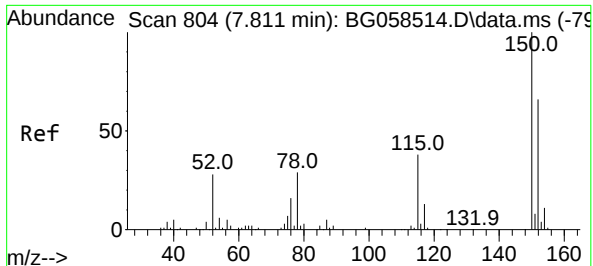
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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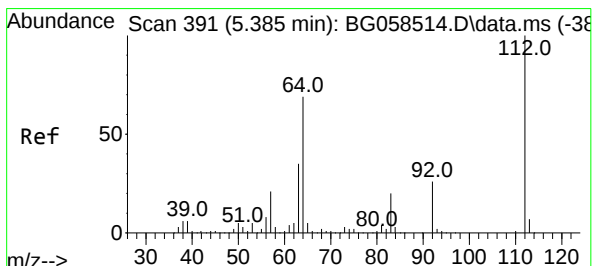
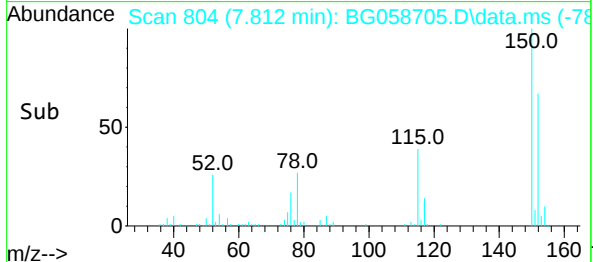
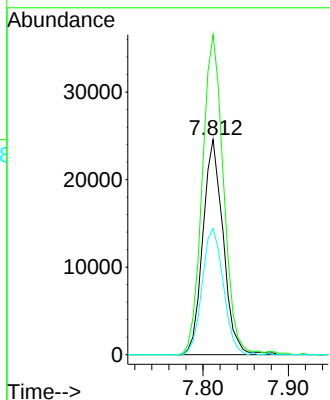
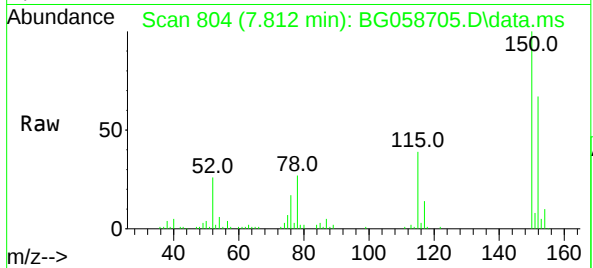




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. 0.001 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

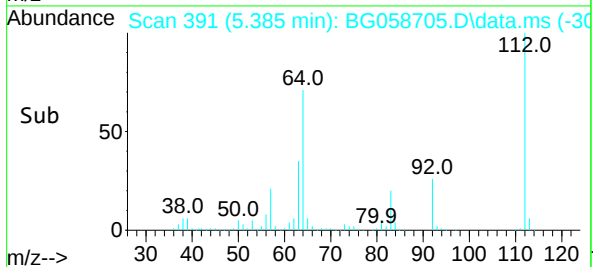
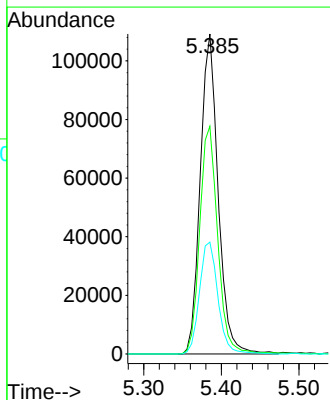
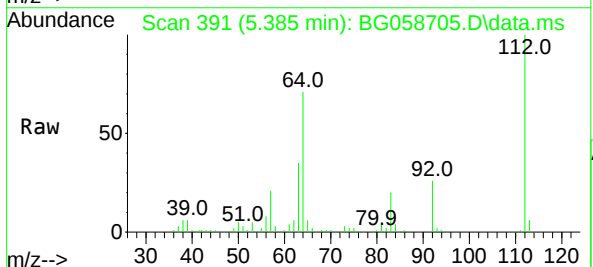
Instrument :
BNA_G
ClientSampleId :
B-PP08A

Tgt Ion:152 Resp: 40658
Ion Ratio Lower Upper
152 100
150 148.7 120.5 180.7
115 58.7 45.9 68.9



#5
2-Fluorophenol
Concen: 65.813 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

Tgt Ion:112 Resp: 175066
Ion Ratio Lower Upper
112 100
64 71.1 55.3 82.9
63 34.9 28.3 42.5

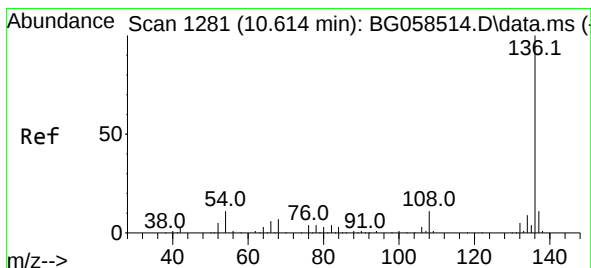
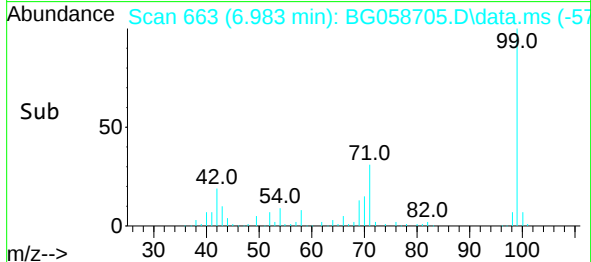
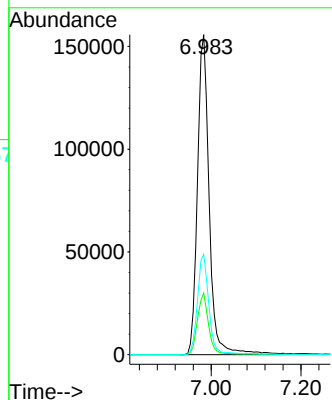
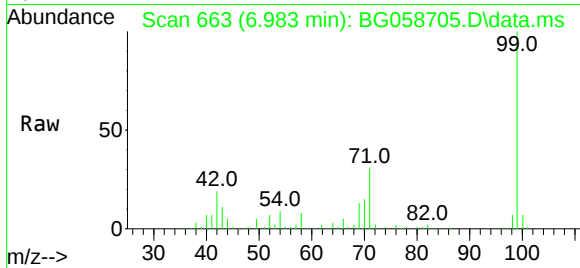




#7
Phenol-d6
Concen: 76.192 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

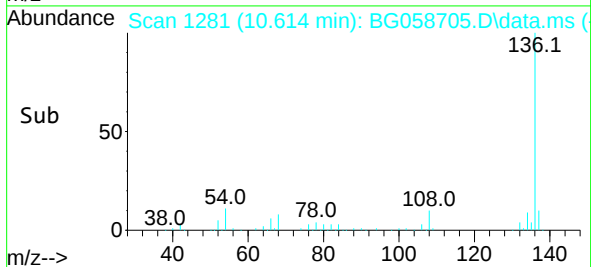
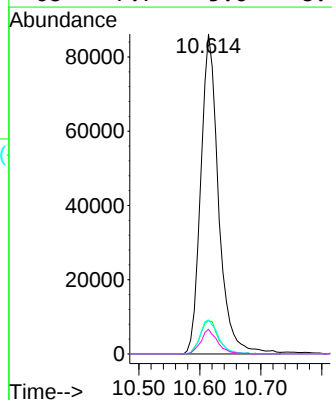
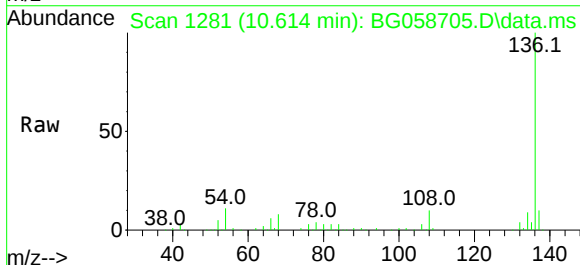
Instrument :
BNA_G
ClientSampleId :
B-PP08A

Tgt Ion: 99 Resp: 282021
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.4 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: BG058705.D
Acq: 11 Aug 2023 16:40

Tgt Ion: 136 Resp: 175136
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.7 8.9 13.3
68 7.7 5.6 8.4

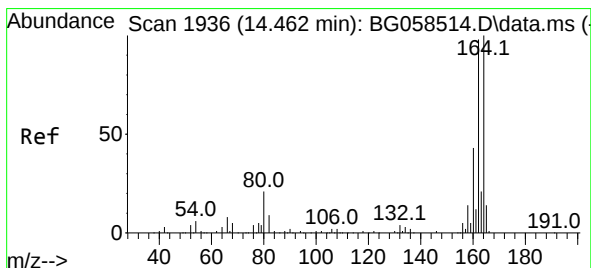
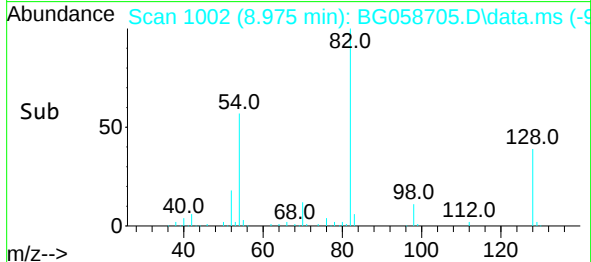
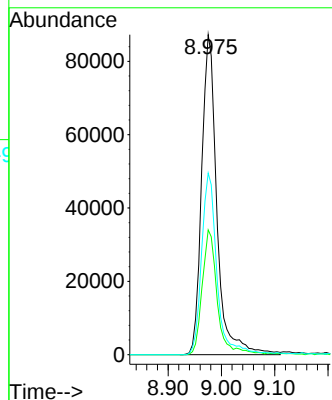
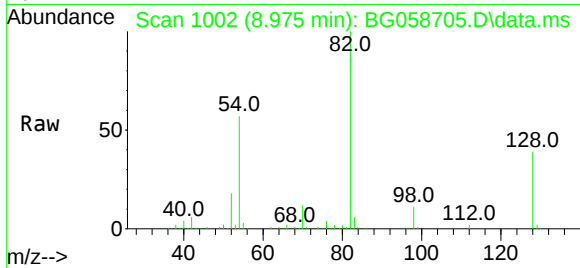




#23
 Nitrobenzene-d5
 Concen: 48.789 ng
 RT: 8.975 min Scan# 1002
 Delta R.T. -0.005 min
 Lab File: BG058705.D
 Acq: 11 Aug 2023 16:40

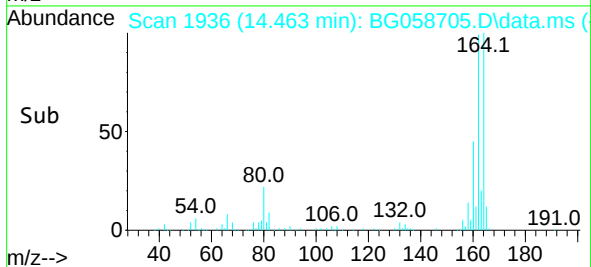
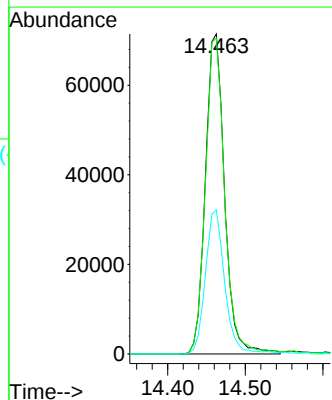
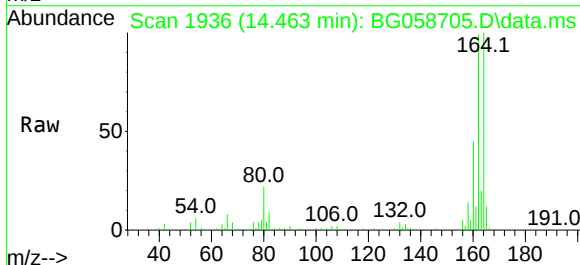
Instrument :
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 ClientSampleId :
 B-PP08A

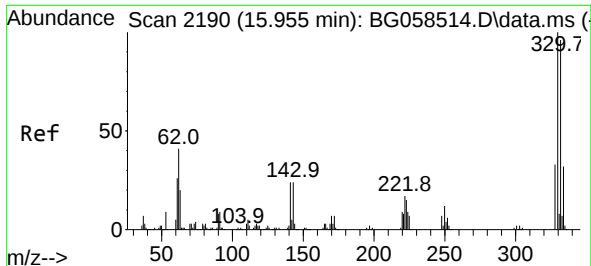
Tgt Ion: 82 Resp: 173938
 Ion Ratio Lower Upper
 82 100
 128 39.0 32.2 48.2
 54 56.8 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.463 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: BG058705.D
 Acq: 11 Aug 2023 16:40

Tgt Ion:164 Resp: 122917
 Ion Ratio Lower Upper
 164 100
 162 98.7 78.3 117.5
 160 45.0 34.1 51.1

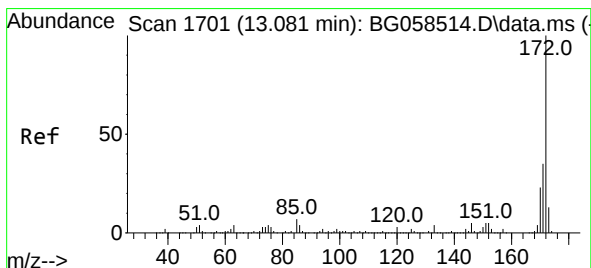
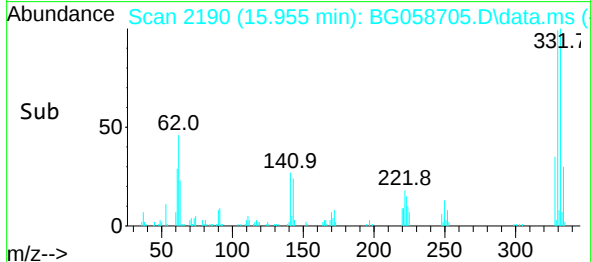
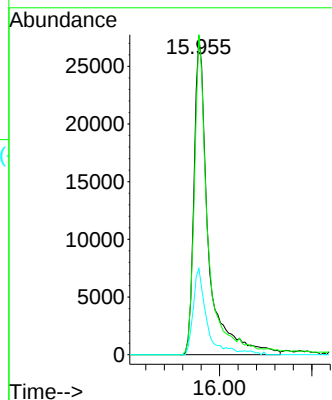
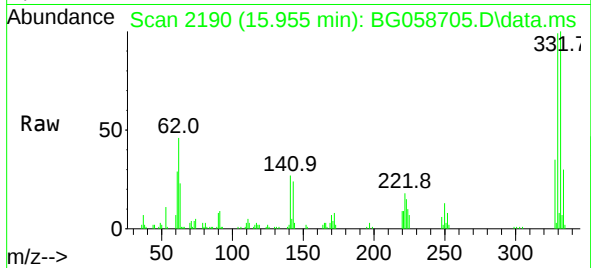




#42
2,4,6-Tribromophenol
Concen: 29.441 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

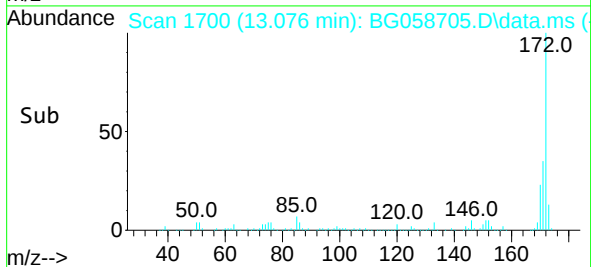
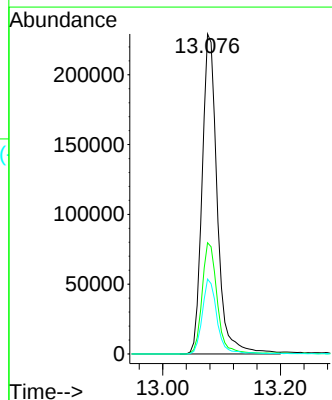
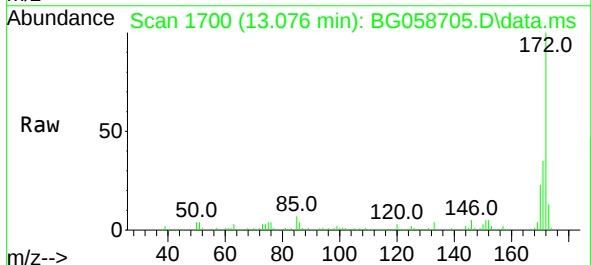
Instrument :
BNA_G
ClientSampleId :
B-PP08A

Tgt Ion:330 Resp: 59314
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 25.4 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 50.007 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.005 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

Tgt Ion:172 Resp: 410165
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.4 18.4 27.6

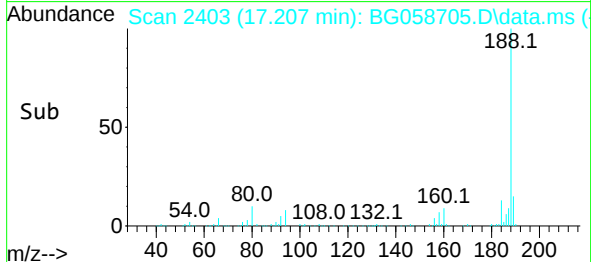
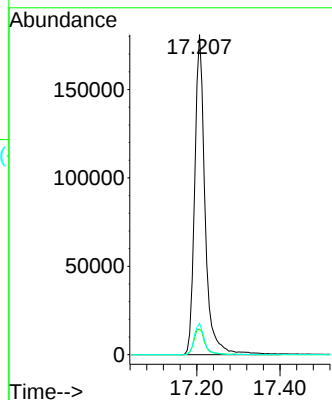
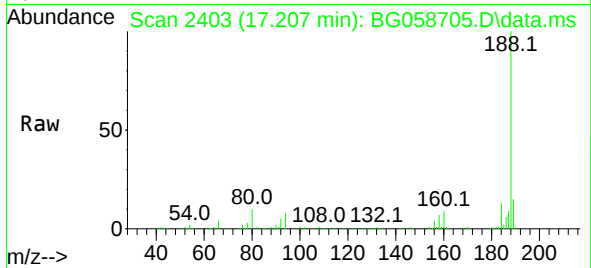




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

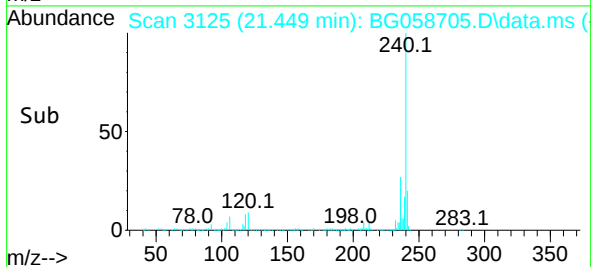
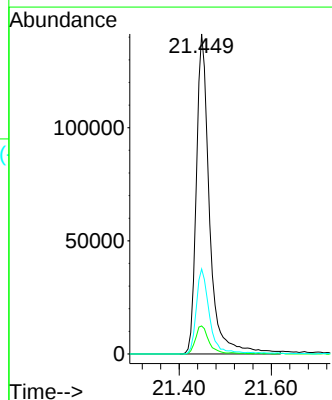
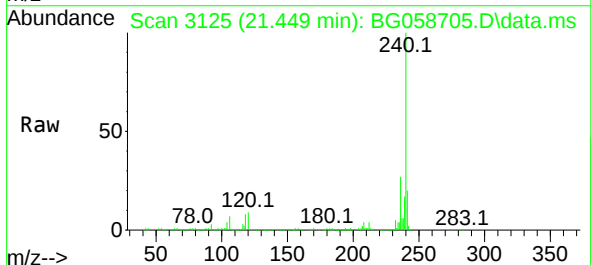
Instrument :
BNA_G
ClientSampleId :
B-PP08A

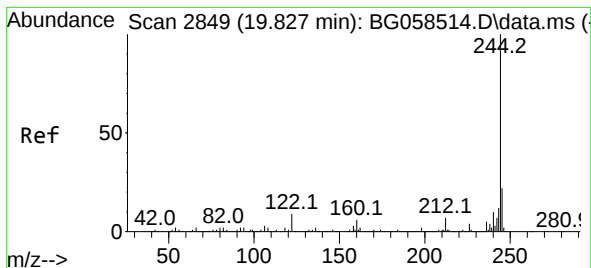
Tgt Ion:188 Resp: 313042
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058705.D
Acq: 11 Aug 2023 16:40

Tgt Ion:240 Resp: 280559
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 26.6 22.2 33.4





#79

Terphenyl-d14

Concen: 53.224 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BG058705.D

Acq: 11 Aug 2023 16:40

Instrument :

BNA_G

ClientSampleId :

B-PP08A

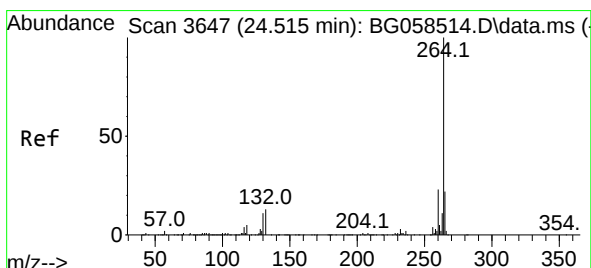
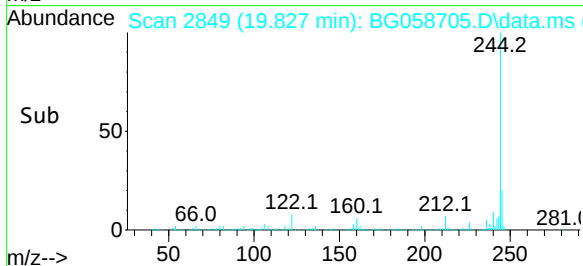
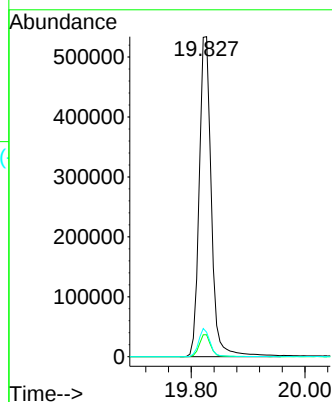
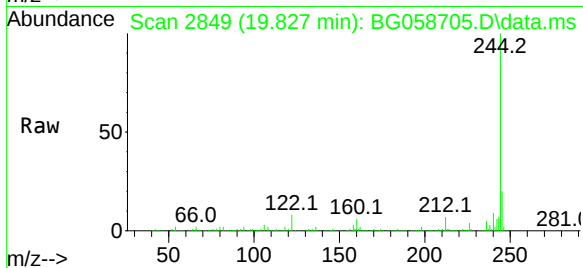
Tgt Ion:244 Resp: 794064

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 7.6 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: BG058705.D

Acq: 11 Aug 2023 16:40

Tgt Ion:264 Resp: 306637

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.2 17.9 26.9

