

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058763.D
 Acq On : 17 Aug 2023 15:18
 Operator : MA/JU
 Sample : PB154272TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154272TB

Quant Time: Aug 18 01:52:37 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	22469	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	93260	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	69290	20.000	ng	0.00
64) Phenanthrene-d10	17.212	188	189364	20.000	ng	0.00
76) Chrysene-d12	21.454	240	176325	20.000	ng	0.00
86) Perylene-d12	24.533	264	207465	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	257029	174.844	ng	0.00
7) Phenol-d6	6.983	99	351243	171.711	ng	0.00
23) Nitrobenzene-d5	8.975	82	210944	111.116	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	175342	154.389	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	513765	111.116	ng	0.00
79) Terphenyl-d14	19.827	244	1074102	114.554	ng	0.00

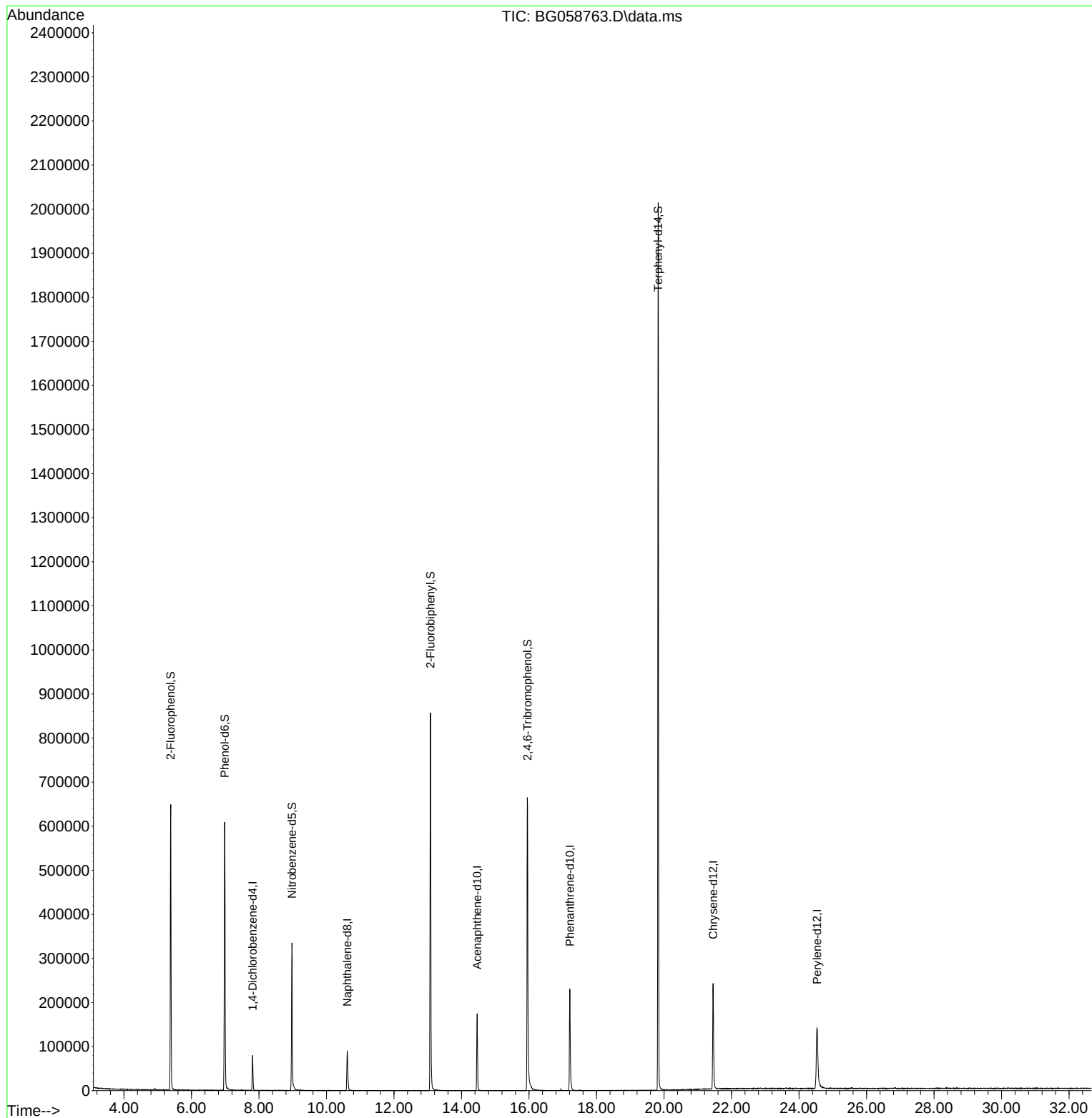
Target Compounds	Qvalue

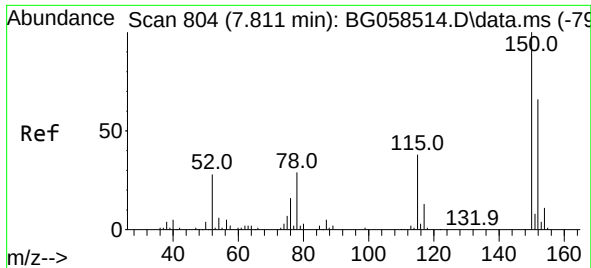
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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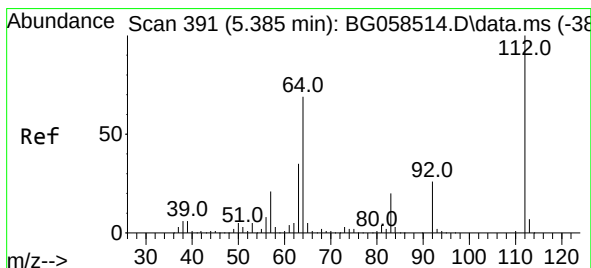
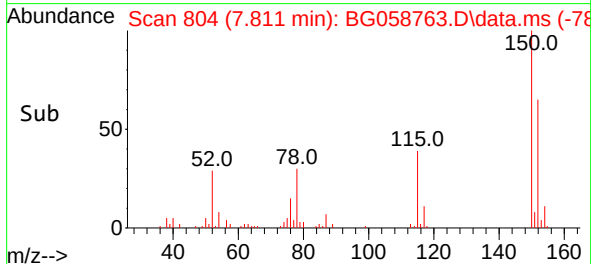
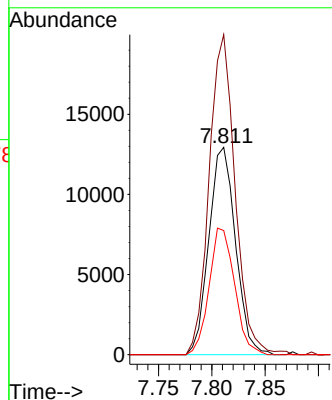
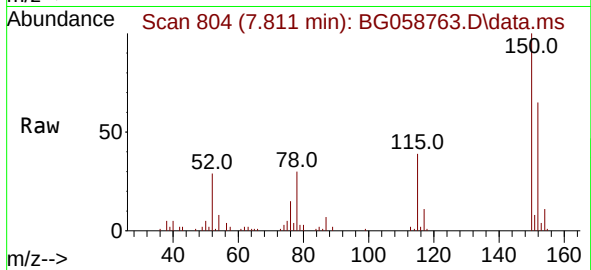




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. 0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

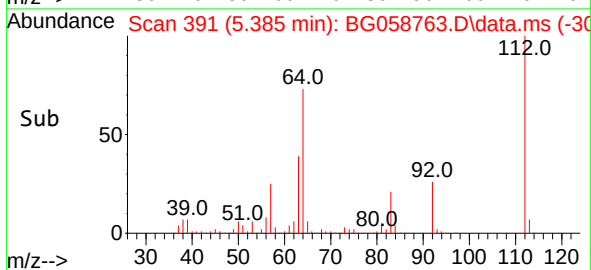
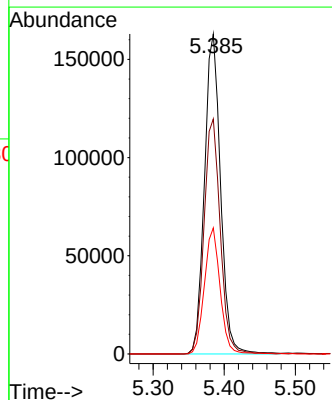
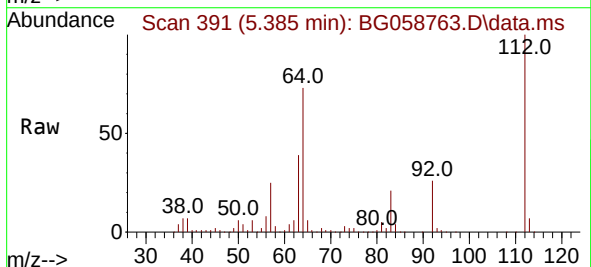
Instrument :
BNA_G
ClientSampleId :
PB154272TB

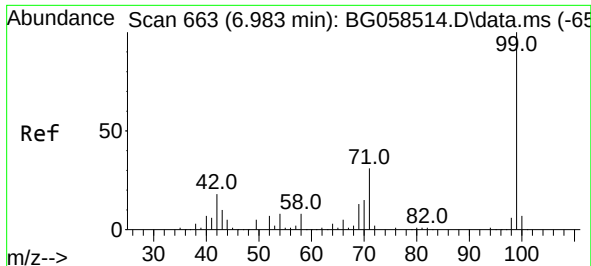
Tgt Ion:152 Resp: 22469
Ion Ratio Lower Upper
152 100
150 154.4 120.5 180.7
115 59.9 45.9 68.9



#5
2-Fluorophenol
Concen: 174.844 ng
RT: 5.385 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:112 Resp: 257029
Ion Ratio Lower Upper
112 100
64 73.5 55.3 82.9
63 39.4 28.3 42.5

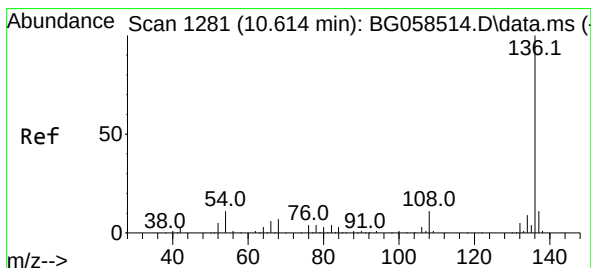
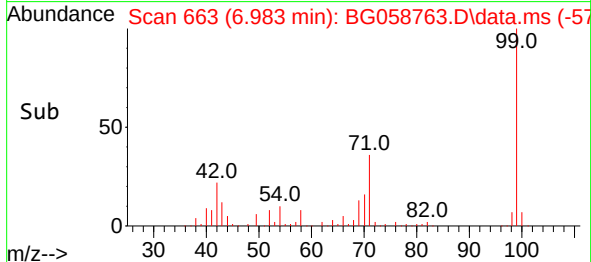
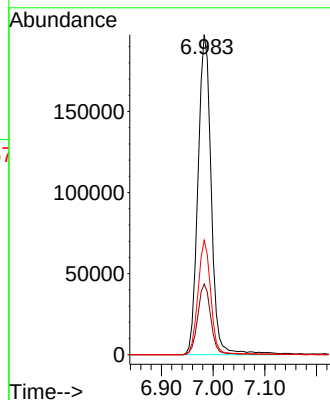
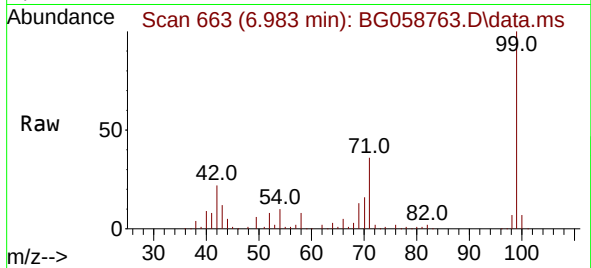




#7
Phenol-d6
Concen: 171.711 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

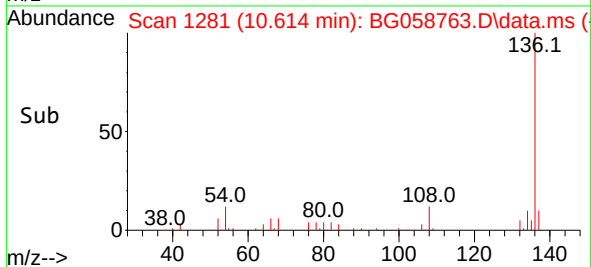
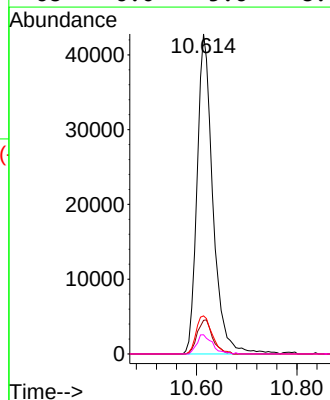
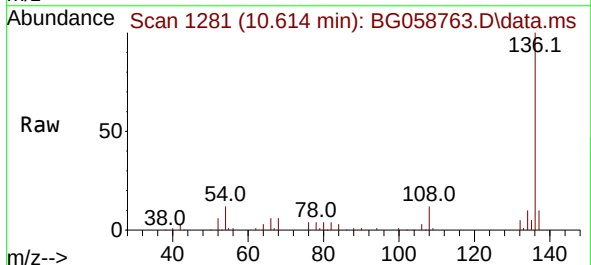
Instrument :
BNA_G
ClientSampleId :
PB154272TB

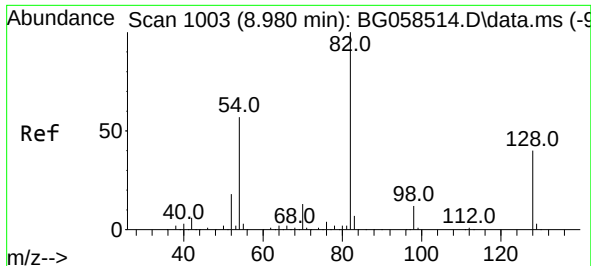
Tgt Ion: 99 Resp: 351243
Ion Ratio Lower Upper
99 100
42 22.1 14.6 21.8#
71 35.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion: 136 Resp: 93260
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.9 8.9 13.3
68 6.0 5.6 8.4

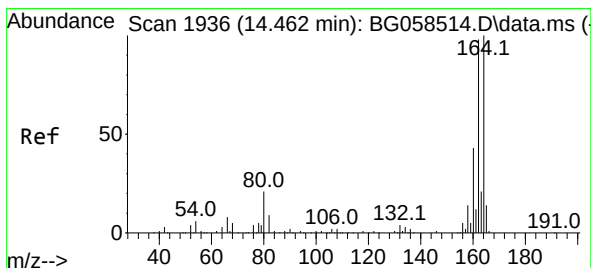
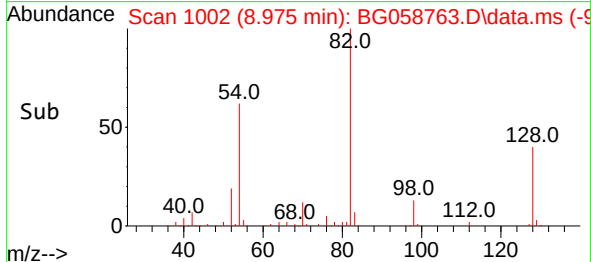
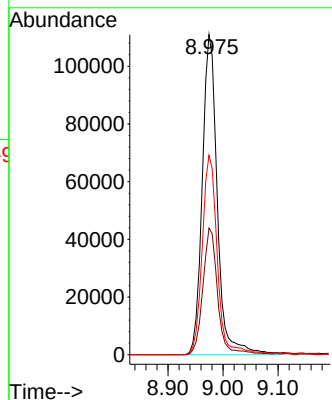
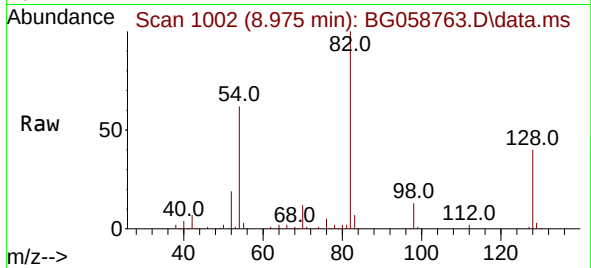




#23
 Nitrobenzene-d5
 Concen: 111.116 ng
 RT: 8.975 min Scan# 1002
 Delta R.T. -0.006 min
 Lab File: BG058763.D
 Acq: 17 Aug 2023 15:18

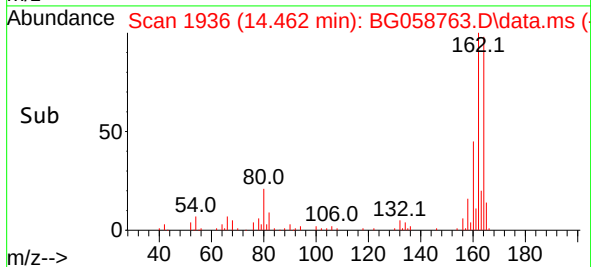
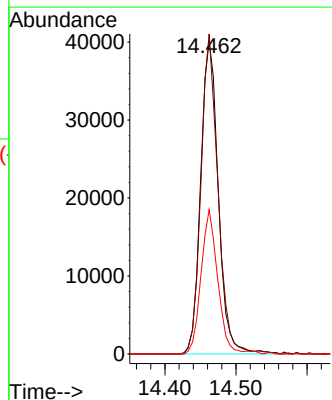
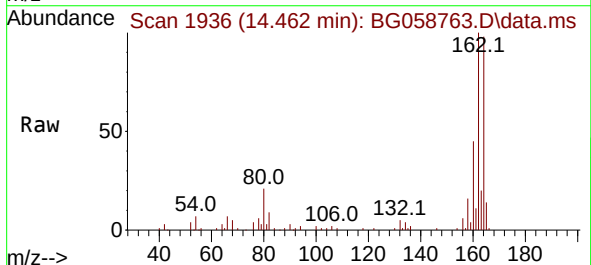
Instrument :
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 ClientSampleId :
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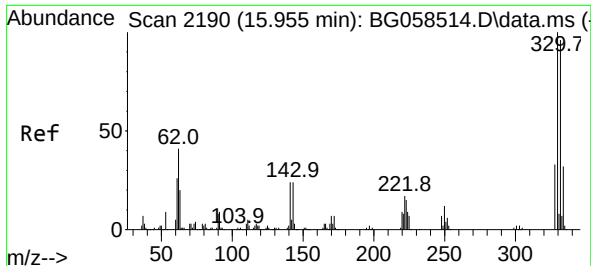
Tgt Ion: 82 Resp: 210944
 Ion Ratio Lower Upper
 82 100
 128 39.5 32.2 48.2
 54 62.3 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.462 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: BG058763.D
 Acq: 17 Aug 2023 15:18

Tgt Ion:164 Resp: 69290
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.3 117.5
 160 46.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 154.389 ng

RT: 15.955 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058763.D

Acq: 17 Aug 2023 15:18

Instrument :

BNA_G

ClientSampleId :

PB154272TB

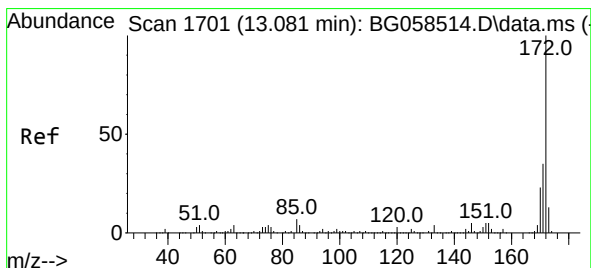
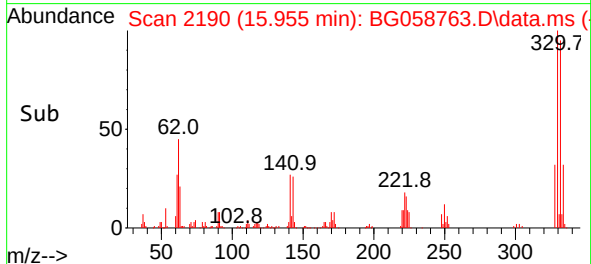
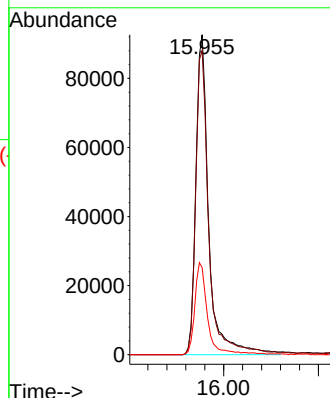
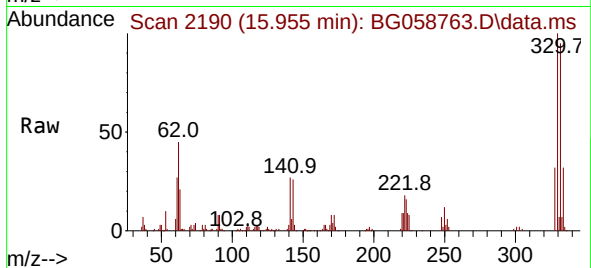
Tgt Ion:330 Resp: 175342

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

141 28.4 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 111.116 ng

RT: 13.081 min Scan# 1701

Delta R.T. 0.000 min

Lab File: BG058763.D

Acq: 17 Aug 2023 15:18

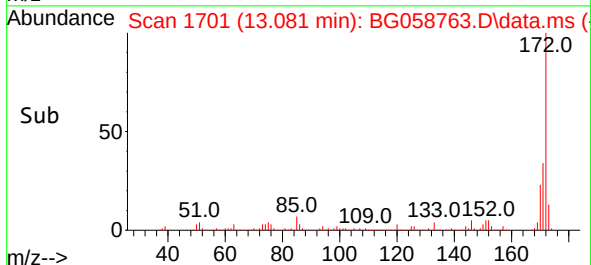
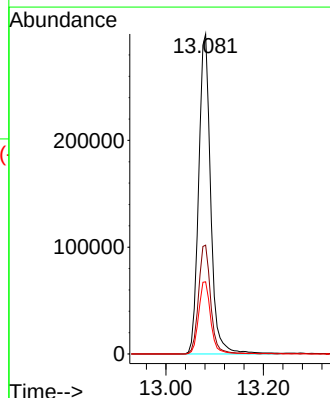
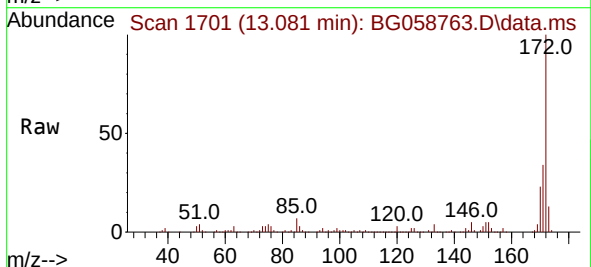
Tgt Ion:172 Resp: 513765

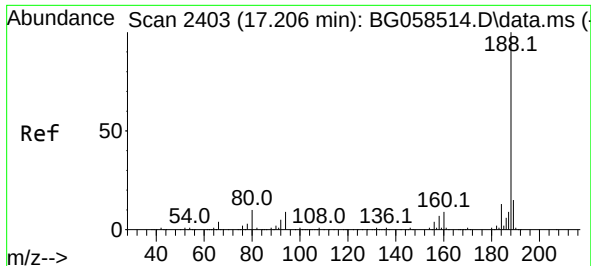
Ion Ratio Lower Upper

172 100

171 34.0 28.0 42.0

170 22.6 18.4 27.6

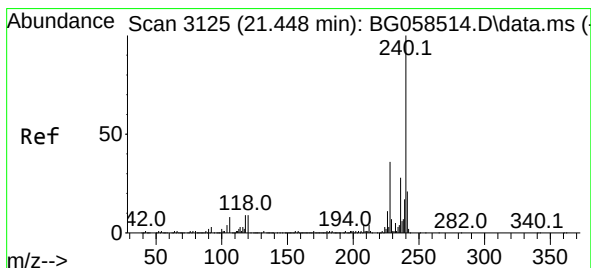
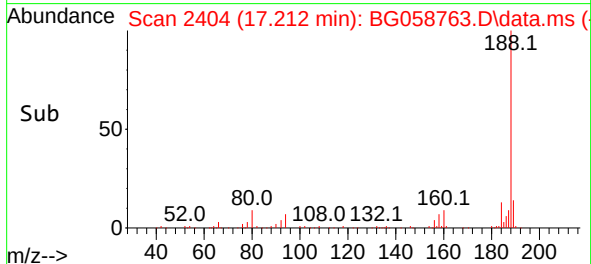
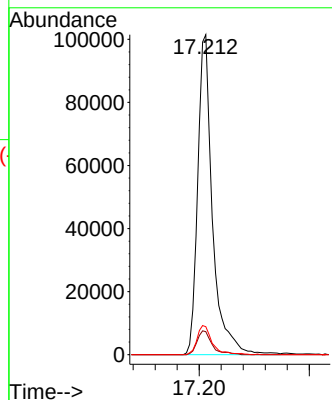
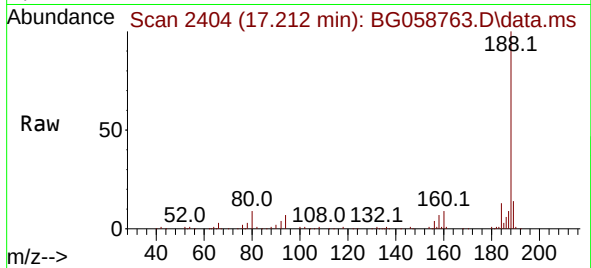




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.212 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

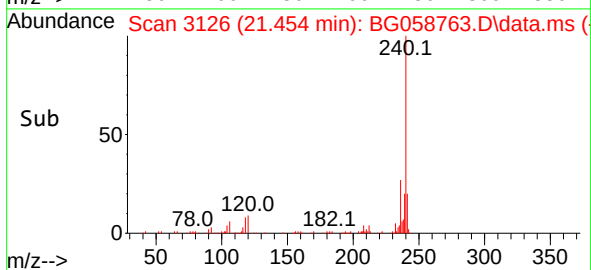
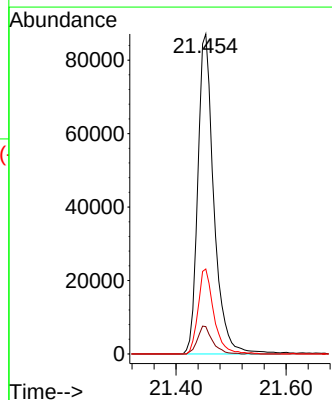
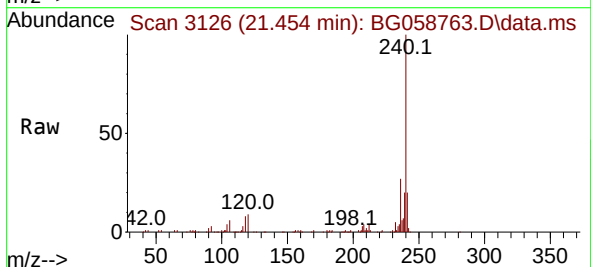
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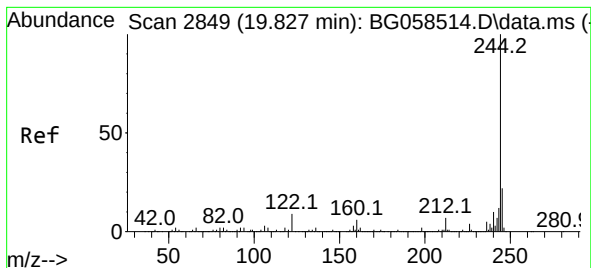
Tgt Ion:188 Resp: 189364
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058763.D
Acq: 17 Aug 2023 15:18

Tgt Ion:240 Resp: 176325
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 26.5 22.2 33.4





#79

Terphenyl-d14

Concen: 114.554 ng

RT: 19.827 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058763.D

Acq: 17 Aug 2023 15:18

Instrument :

BNA_G

ClientSampleId :

PB154272TB

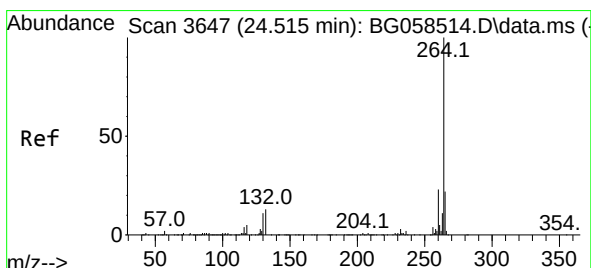
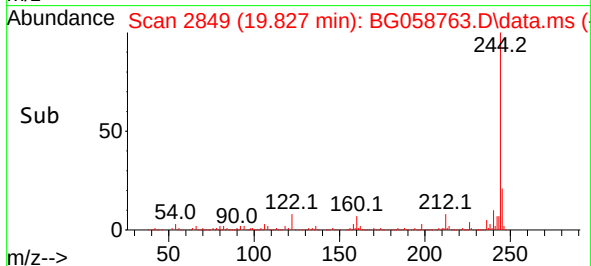
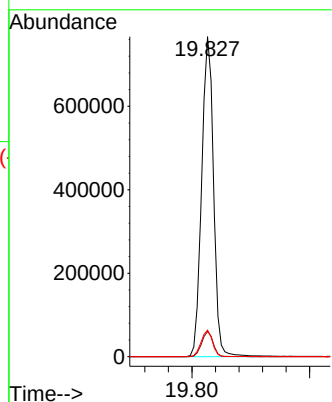
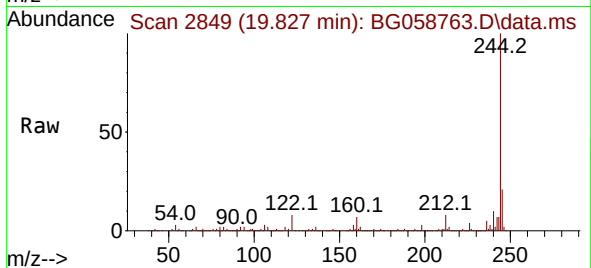
Tgt Ion:244 Resp: 1074102

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 8.3 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.533 min Scan# 3650

Delta R.T. 0.018 min

Lab File: BG058763.D

Acq: 17 Aug 2023 15:18

Tgt Ion:264 Resp: 207465

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.8 17.9 26.9

