

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058765.D
 Acq On : 17 Aug 2023 16:40
 Operator : MA/JU
 Sample : 04022-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Quant Time: Aug 18 01:53:01 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	7.814	152	22808	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	95612	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	69398	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	194661	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	175370	20.000	ng	0.00
86) Perylene-d12	24.530	264	200174	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	189267	126.836	ng	0.00
7) Phenol-d6	6.980	99	237802	114.526	ng	0.00
23) Nitrobenzene-d5	8.971	82	168339	86.492	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	134664	118.388	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	404831	87.420	ng	0.00
79) Terphenyl-d14	19.823	244	869782	93.268	ng	0.00

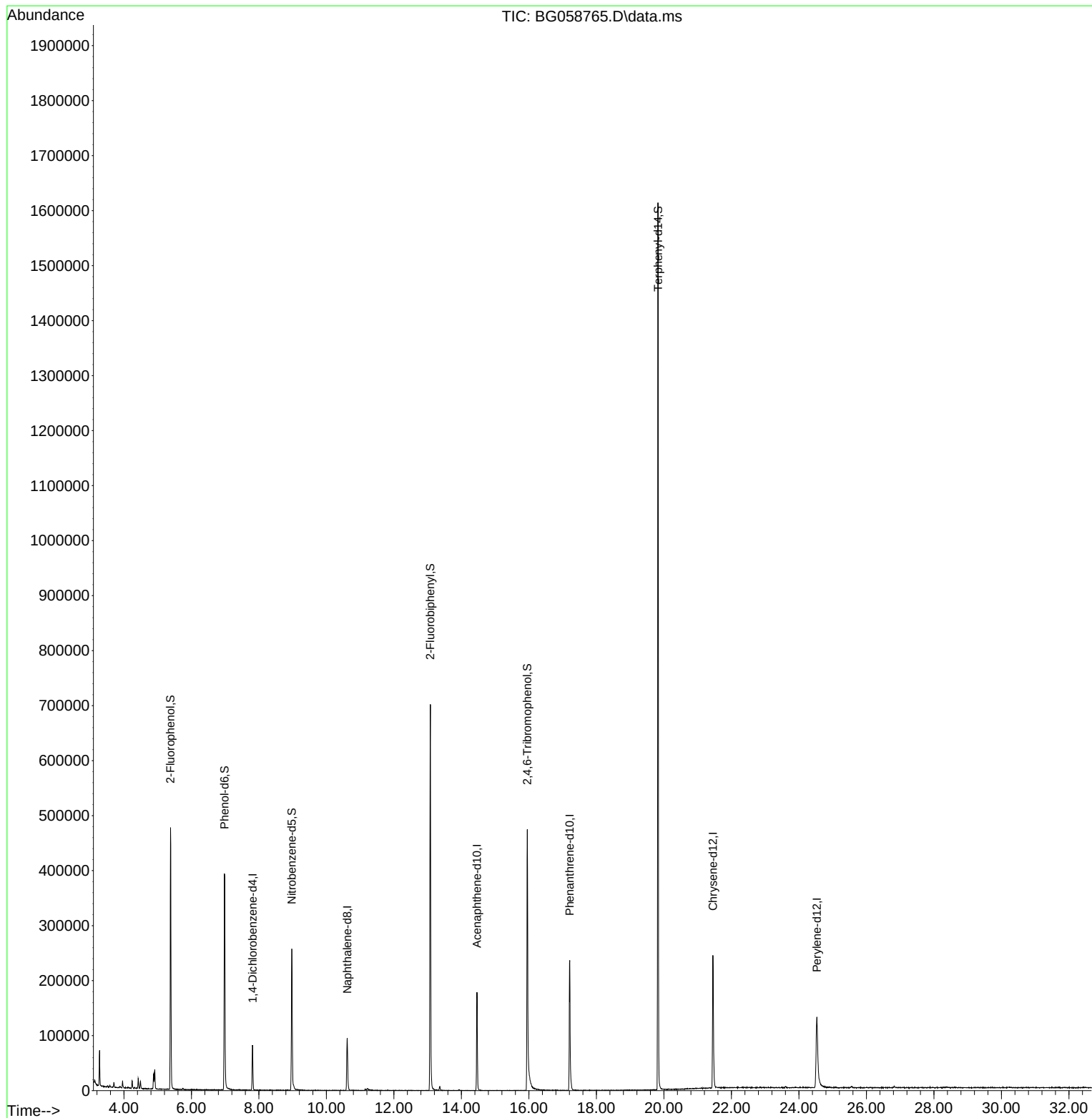
Target Compounds	Qvalue

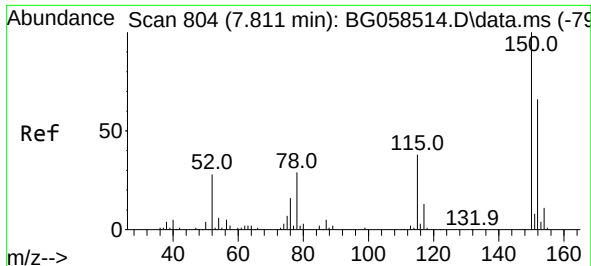
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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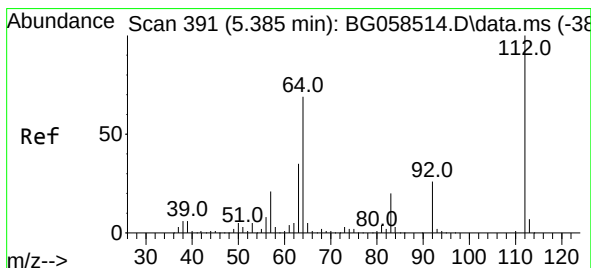
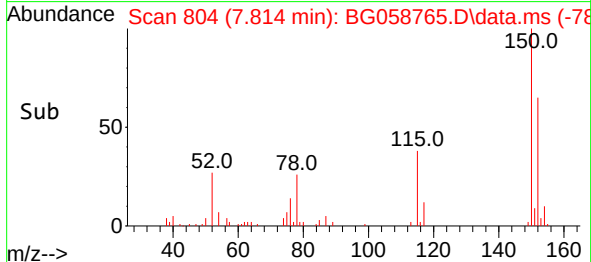
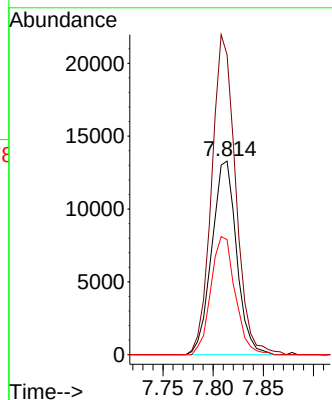
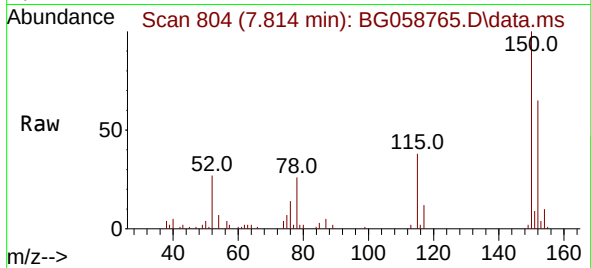




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

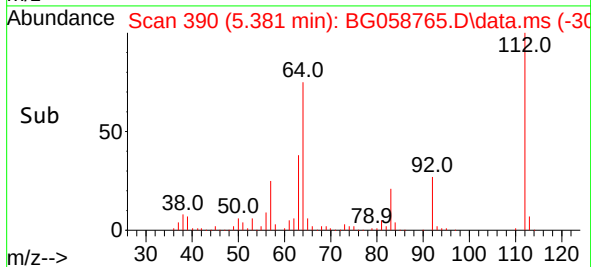
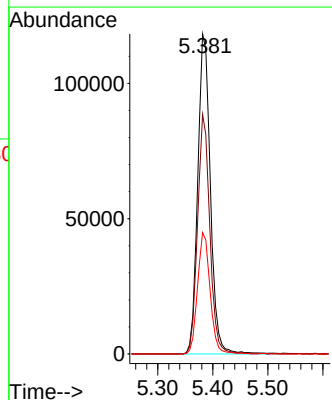
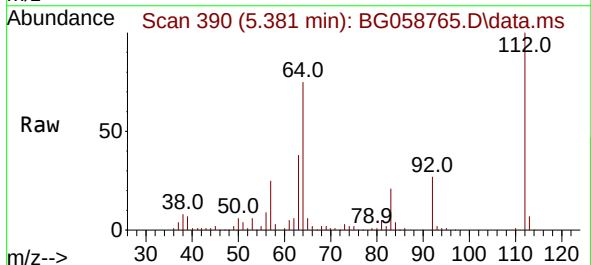
Instrument :
BNA_G
ClientSampleId :
TP-15

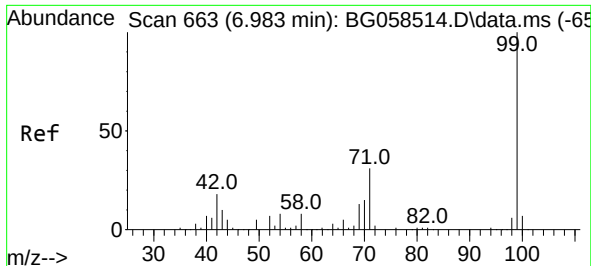
Tgt Ion:152 Resp: 22808
Ion Ratio Lower Upper
152 100
150 154.9 120.5 180.7
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 126.836 ng
RT: 5.381 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion:112 Resp: 189267
Ion Ratio Lower Upper
112 100
64 74.8 55.3 82.9
63 37.9 28.3 42.5

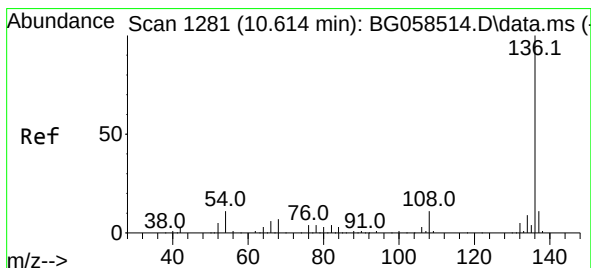
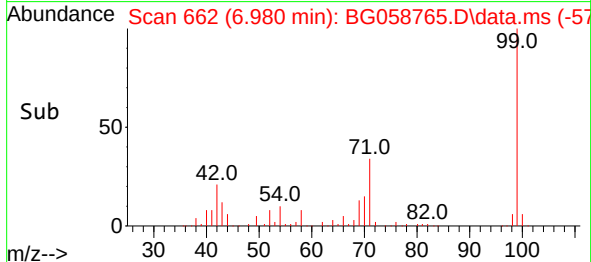
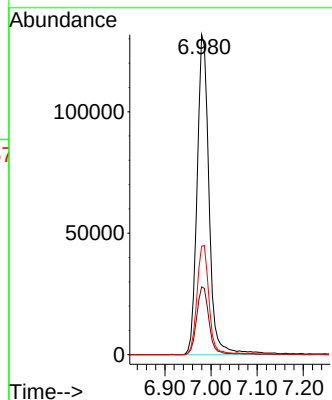
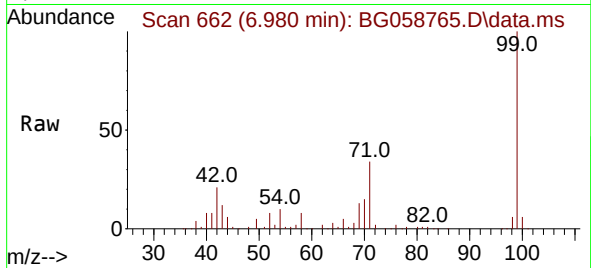




#7
Phenol-d6
Concen: 114.526 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

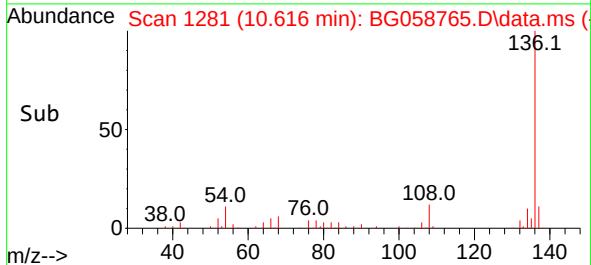
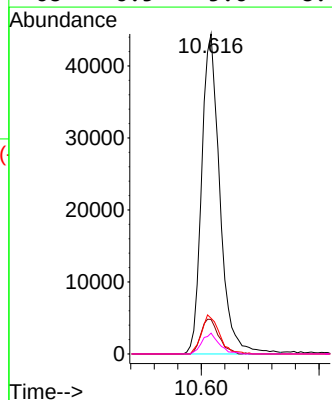
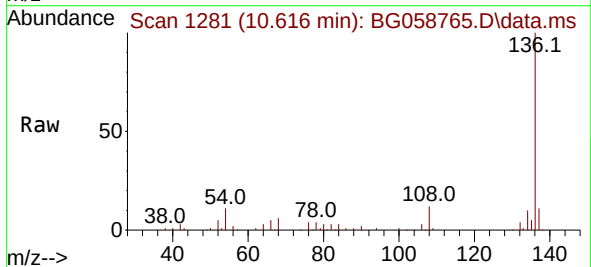
Instrument :
BNA_G
ClientSampleId :
TP-15

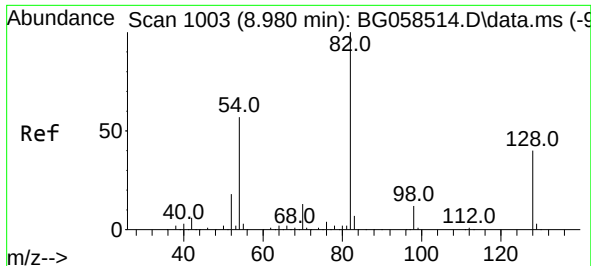
Tgt Ion: 99 Resp: 237802
Ion Ratio Lower Upper
99 100
42 21.2 14.6 21.8
71 33.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1281
Delta R.T. 0.003 min
Lab File: BG058765.D
Acq: 17 Aug 2023 16:40

Tgt Ion: 136 Resp: 95612
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.2 8.9 13.3
68 6.5 5.6 8.4

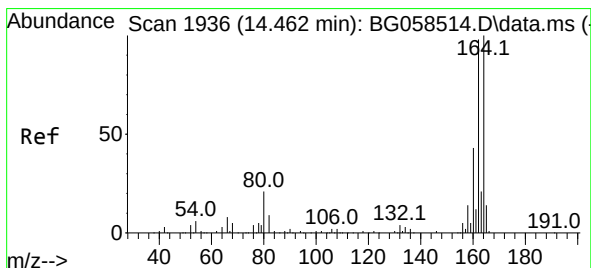
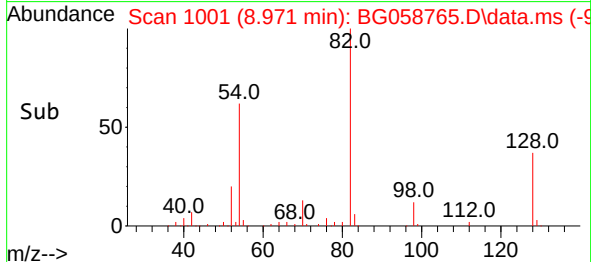
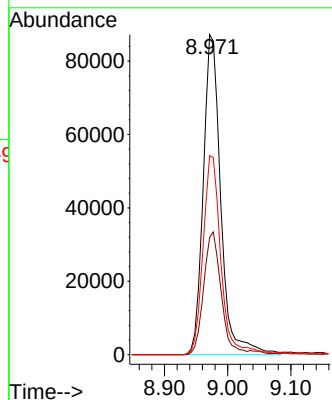
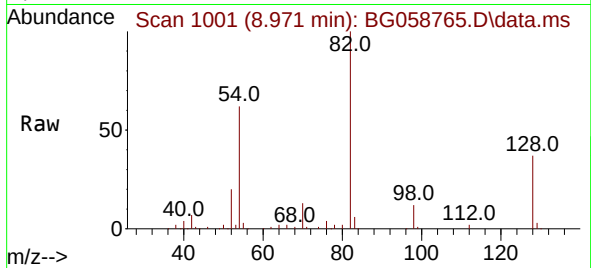




#23
 Nitrobenzene-d5
 Concen: 86.492 ng
 RT: 8.971 min Scan# 1001
 Delta R.T. -0.009 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

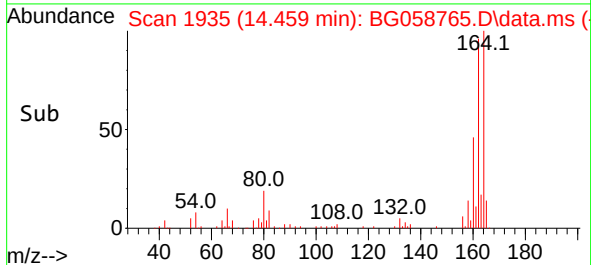
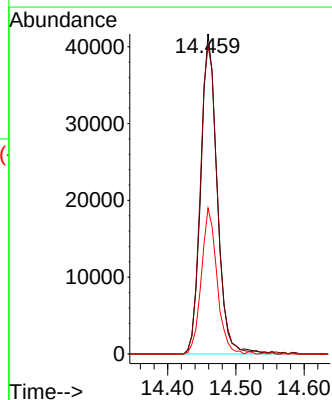
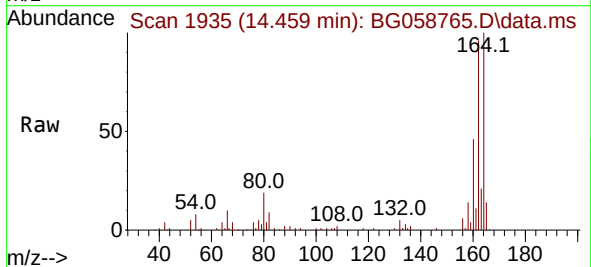
Instrument :
 BNA_G
 ClientSampleId :
 TP-15

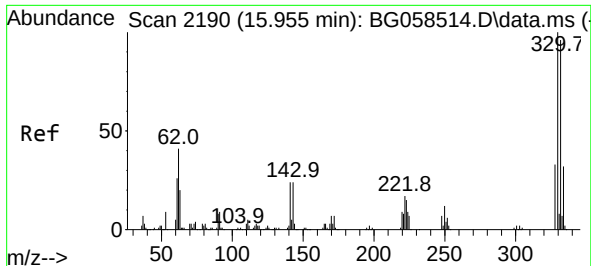
Tgt Ion: 82 Resp: 168339
 Ion Ratio Lower Upper
 82 100
 128 36.7 32.2 48.2
 54 62.2 46.0 69.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.459 min Scan# 1935
 Delta R.T. -0.003 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

Tgt Ion:164 Resp: 69398
 Ion Ratio Lower Upper
 164 100
 162 96.3 78.3 117.5
 160 45.6 34.1 51.1

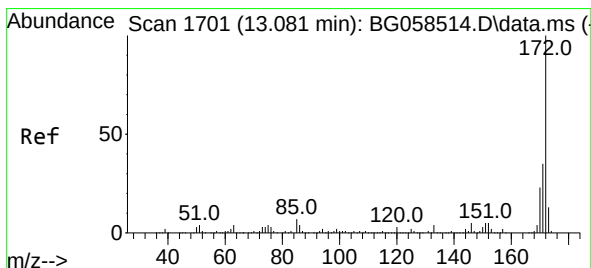
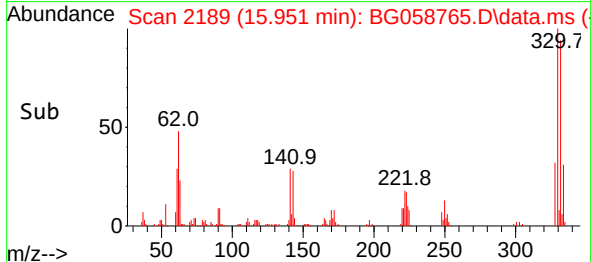
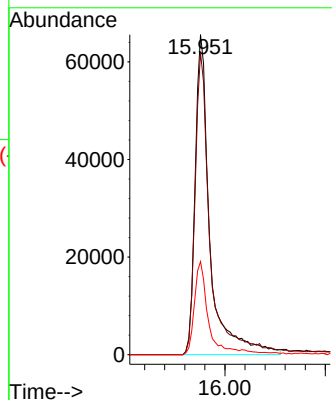
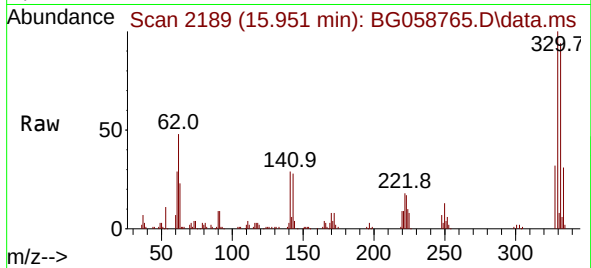




#42
 2,4,6-Tribromophenol
 Concen: 118.388 ng
 RT: 15.951 min Scan# 2190
 Delta R.T. -0.003 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

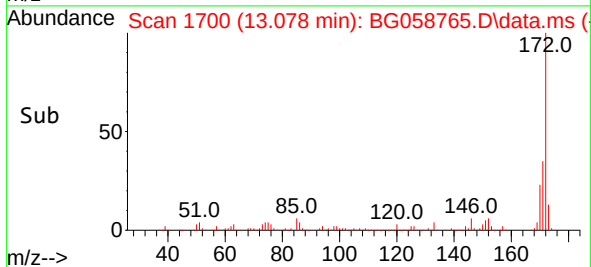
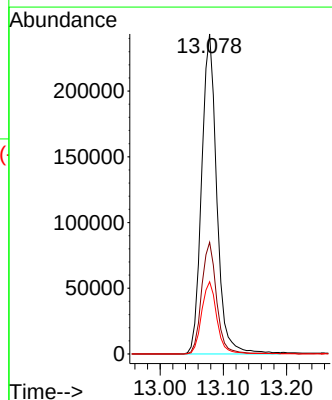
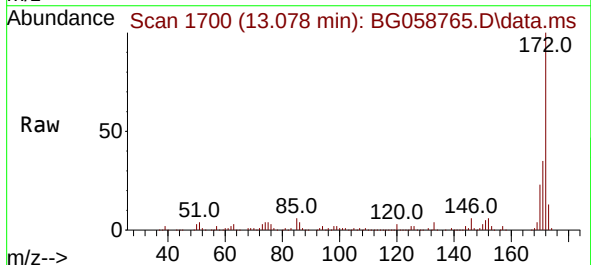
Instrument :
 BNA_G
 ClientSampleId :
 TP-15

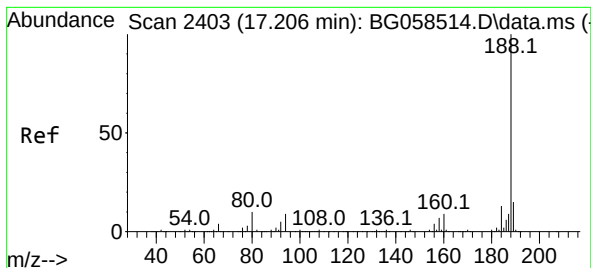
Tgt Ion:330 Resp: 134664
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.5 116.3
 141 26.4 20.7 31.1



#45
 2-Fluorobiphenyl
 Concen: 87.420 ng
 RT: 13.078 min Scan# 1700
 Delta R.T. -0.003 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

Tgt Ion:172 Resp: 404831
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.0 42.0
 170 22.5 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: BG058765.D

Acq: 17 Aug 2023 16:40

Instrument :

BNA_G

ClientSampleId :

TP-15

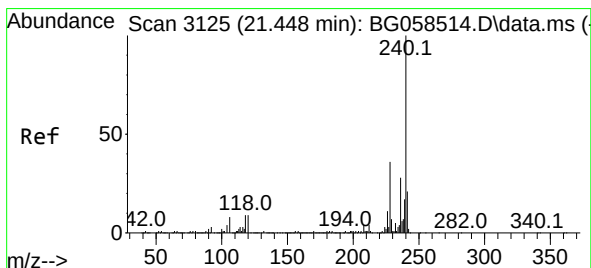
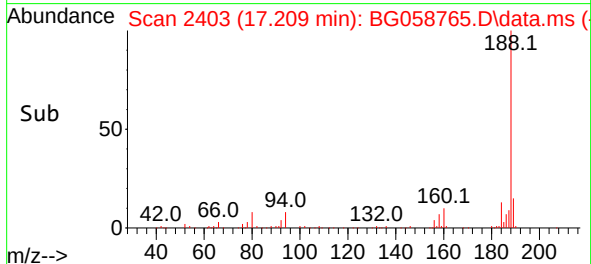
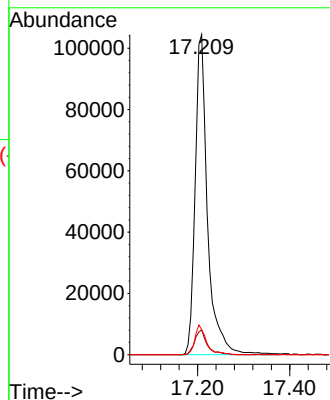
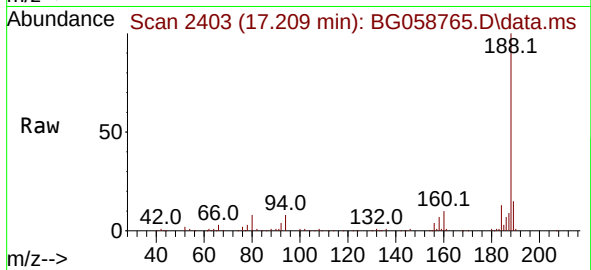
Tgt Ion:188 Resp: 194661

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 7.8 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: BG058765.D

Acq: 17 Aug 2023 16:40

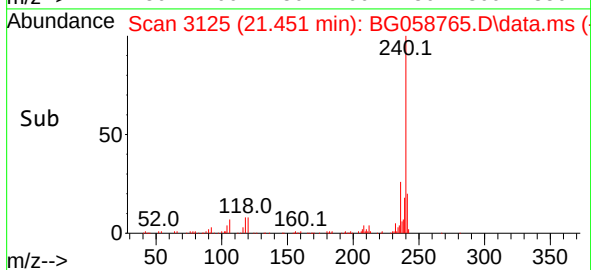
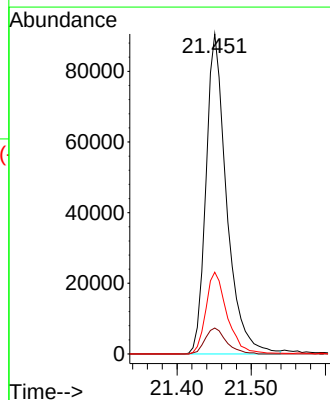
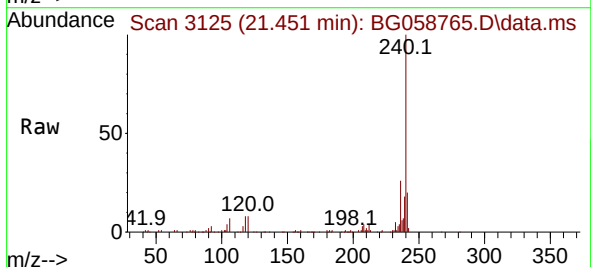
Tgt Ion:240 Resp: 175370

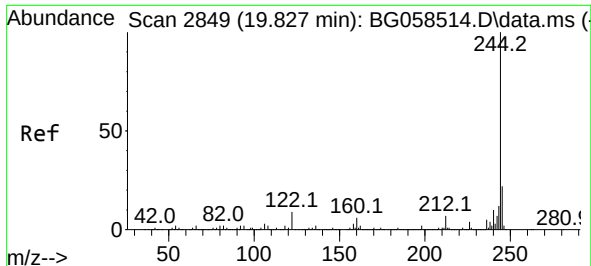
Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

236 25.5 22.2 33.4

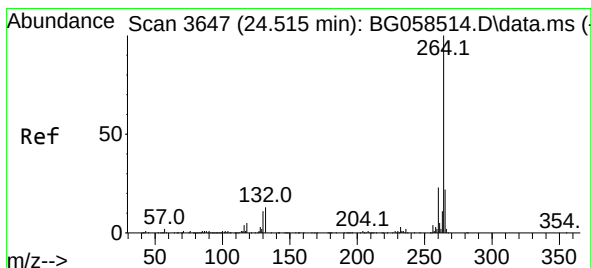
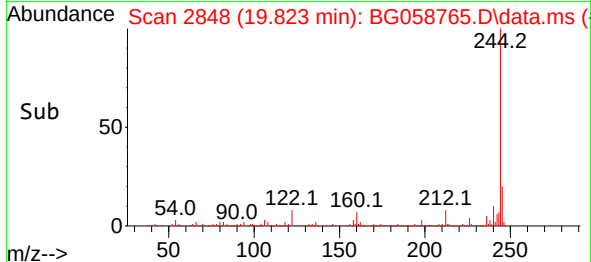
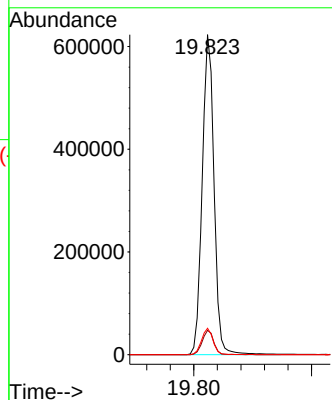
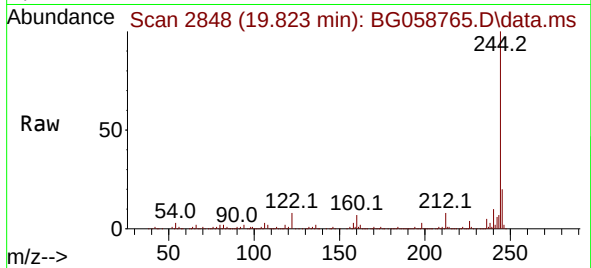




#79
 Terphenyl-d14
 Concen: 93.268 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 869782
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.530 min Scan# 3649
 Delta R.T. 0.014 min
 Lab File: BG058765.D
 Acq: 17 Aug 2023 16:40

Tgt Ion:264 Resp: 200174
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.4 27.6
 265 22.7 17.9 26.9

