

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058846.D
 Acq On : 24 Aug 2023 20:04
 Operator : MA/JU
 Sample : 04091-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Quant Time: Aug 25 02:59:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	16941	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	69443	20.000	ng	# 0.00
39) Acenaphthene-d10	14.457	164	46292	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	130618	20.000	ng	0.00
76) Chrysene-d12	21.449	240	111889	20.000	ng	0.00
86) Perylene-d12	24.527	264	55247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	143325	136.147	ng	0.00
7) Phenol-d6	6.977	99	169509	114.767	ng	0.00
23) Nitrobenzene-d5	8.969	82	127237	88.090	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	115680	159.372	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	306464	96.289	ng	0.00
79) Terphenyl-d14	19.821	244	656149	105.299	ng	0.00

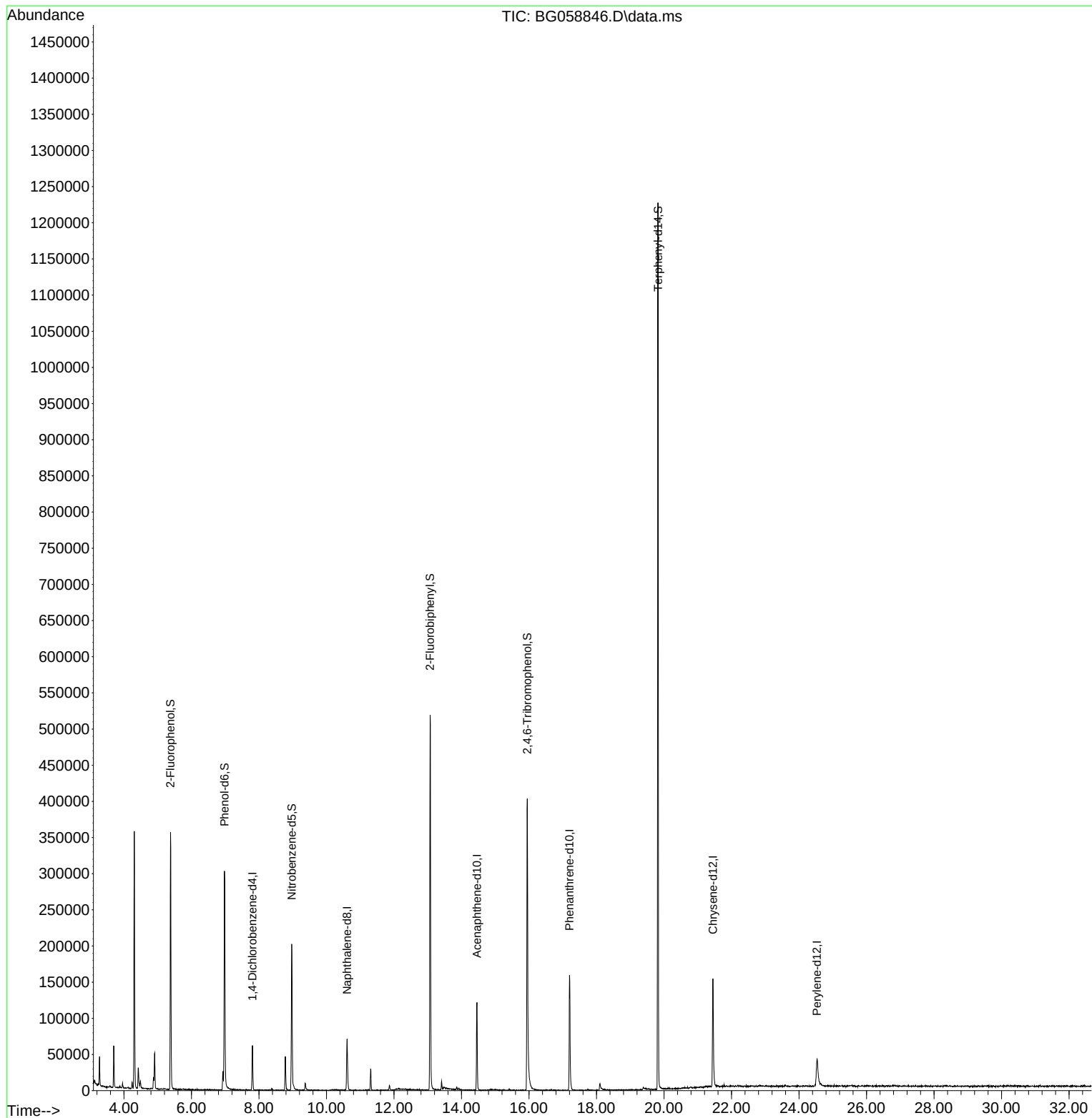
Target Compounds	Qvalue

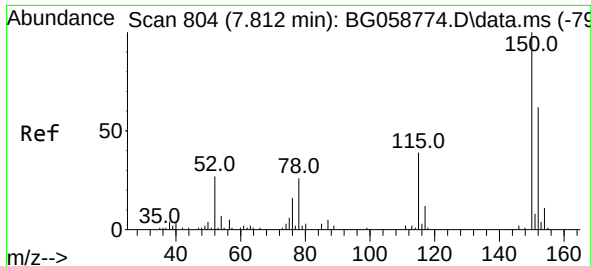
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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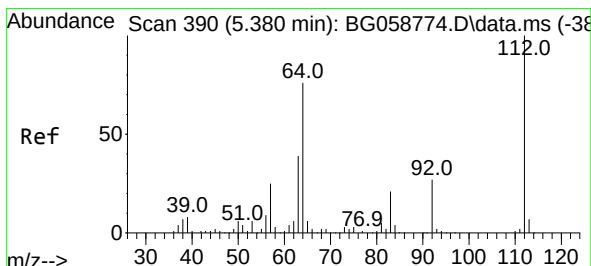
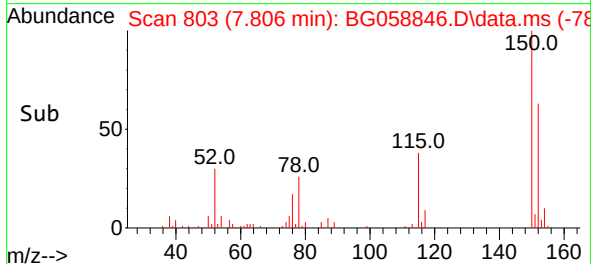
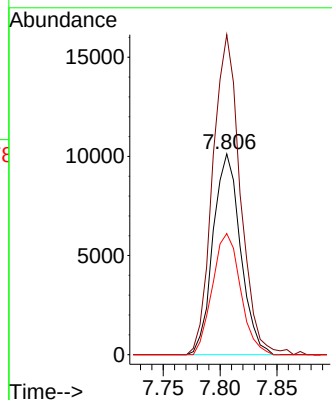
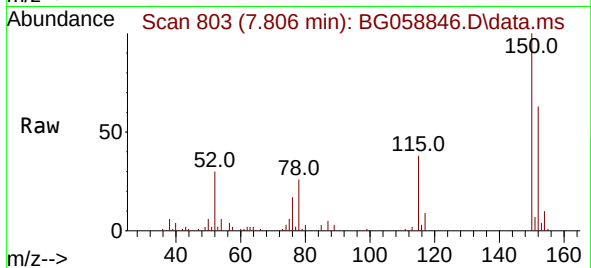




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

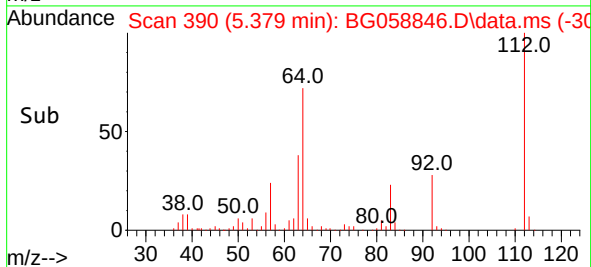
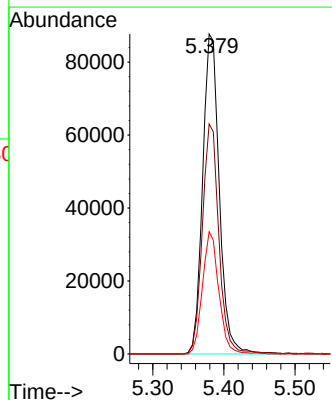
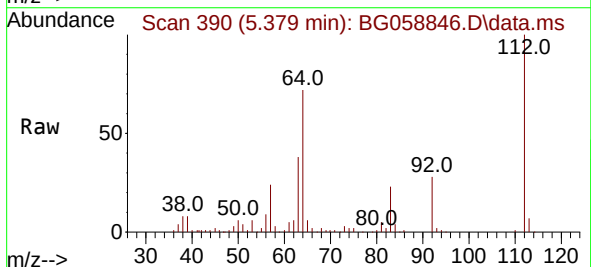
Instrument :
BNA_G
ClientSampleId :
TP-G

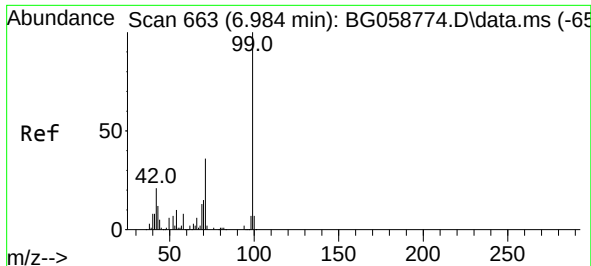
Tgt Ion:152 Resp: 16941
Ion Ratio Lower Upper
152 100
150 159.4 128.6 192.8
115 60.4 50.4 75.6



#5
2-Fluorophenol
Concen: 136.147 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:112 Resp: 143325
Ion Ratio Lower Upper
112 100
64 71.9 60.6 90.8
63 38.2 31.0 46.4

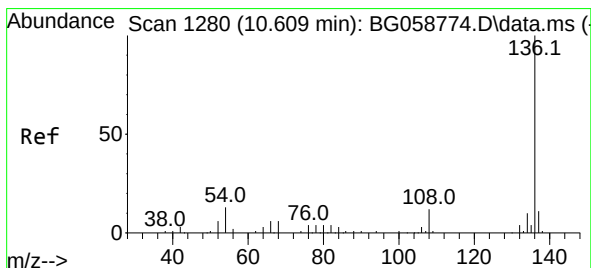
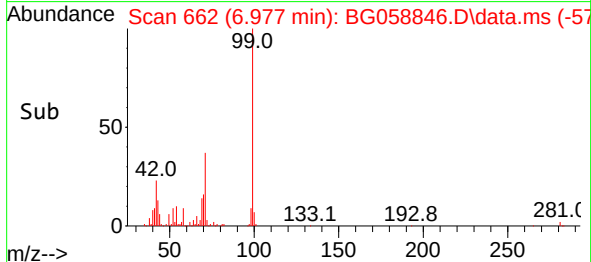
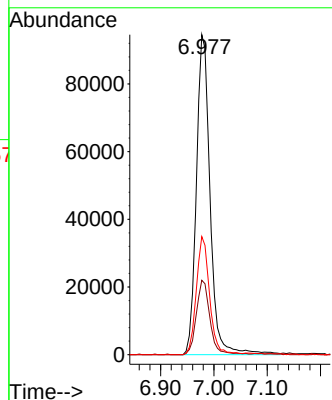
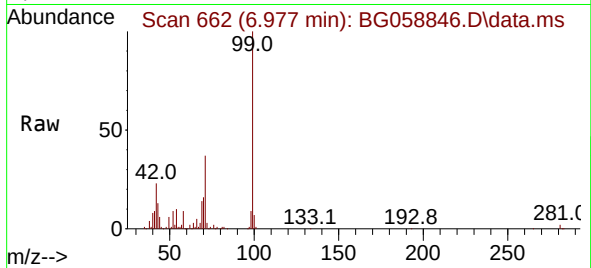




#7
Phenol-d6
Concen: 114.767 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

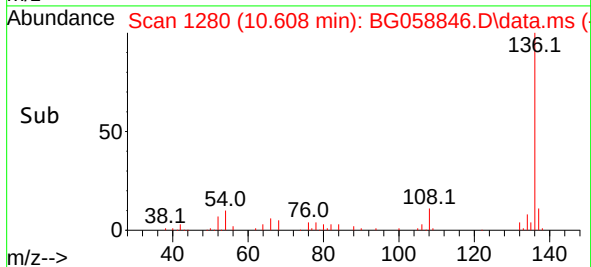
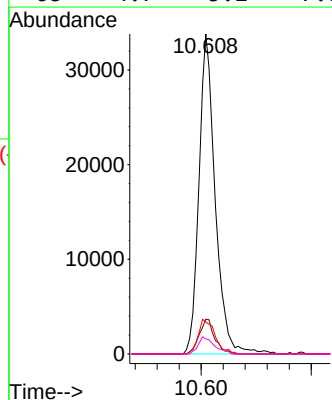
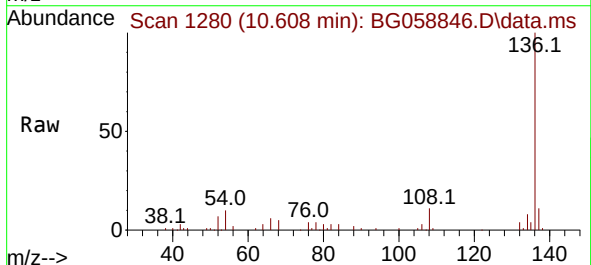
Instrument :
BNA_G
ClientSampleId :
TP-G

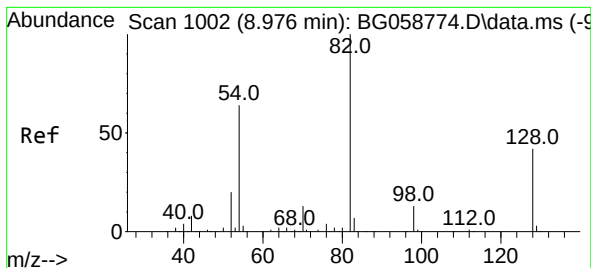
Tgt Ion: 99 Resp: 169509
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 36.9 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion: 136 Resp: 69443
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.0 10.1 15.1#
68 4.7 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 88.090 ng

RT: 8.969 min Scan# 1001

Delta R.T. -0.007 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

Instrument :

BNA_G

ClientSampleId :

TP-G

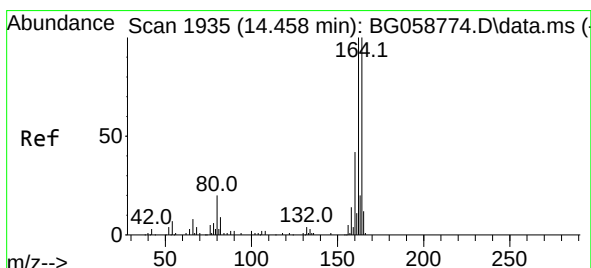
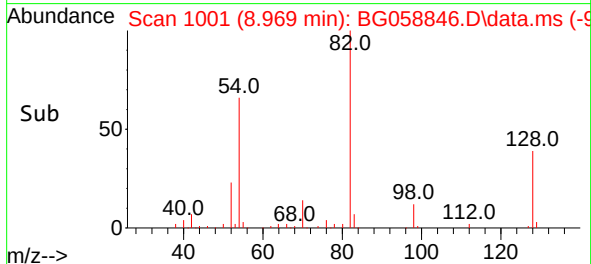
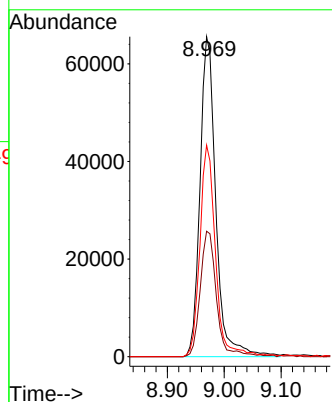
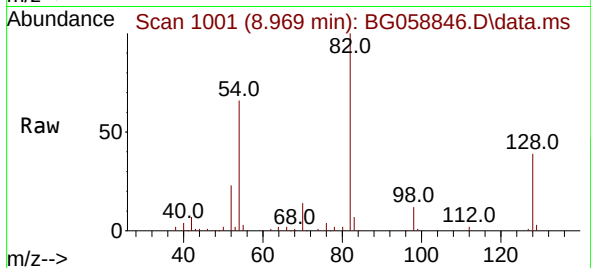
Tgt Ion: 82 Resp: 127237

Ion Ratio Lower Upper

82 100

128 39.2 33.2 49.8

54 66.1 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1935

Delta R.T. -0.001 min

Lab File: BG058846.D

Acq: 24 Aug 2023 20:04

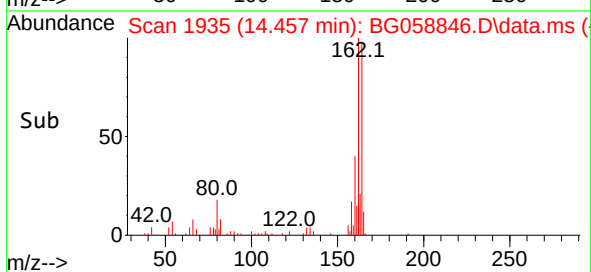
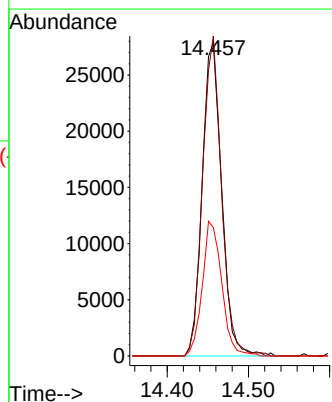
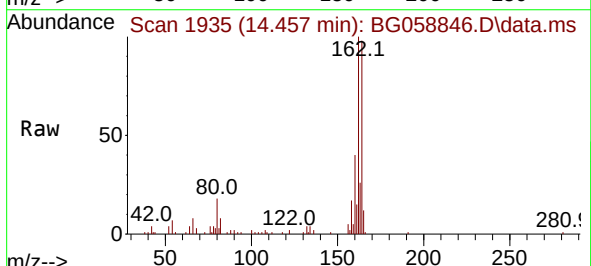
Tgt Ion:164 Resp: 46292

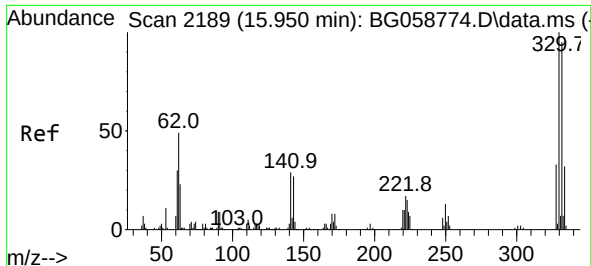
Ion Ratio Lower Upper

164 100

162 102.2 79.6 119.4

160 41.1 34.0 51.0

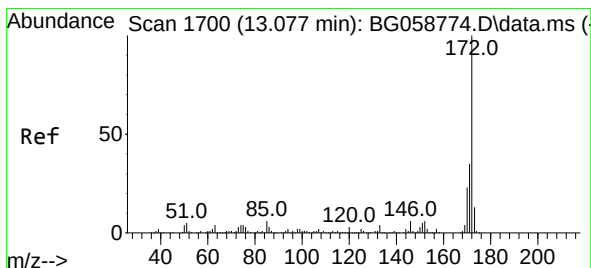
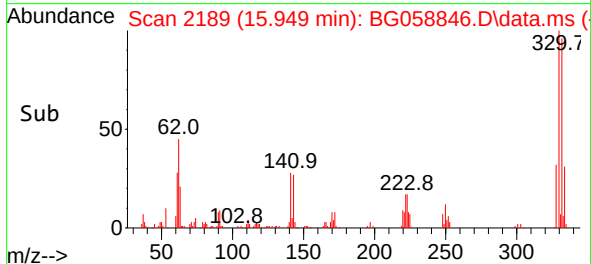
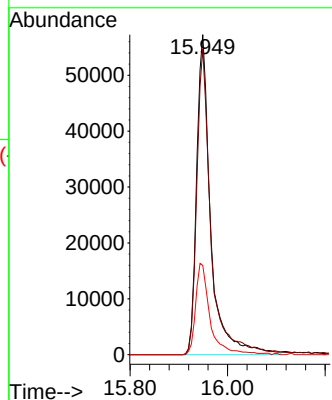
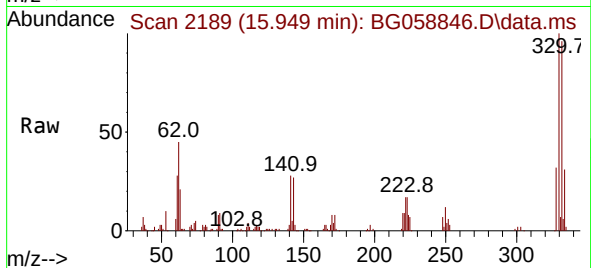




#42
2,4,6-Tribromophenol
Concen: 159.372 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

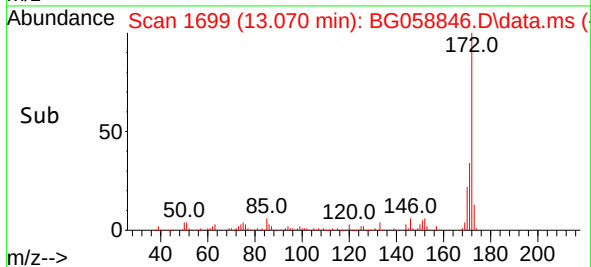
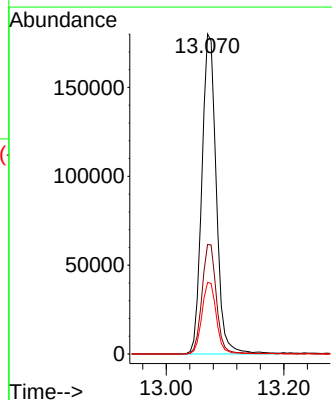
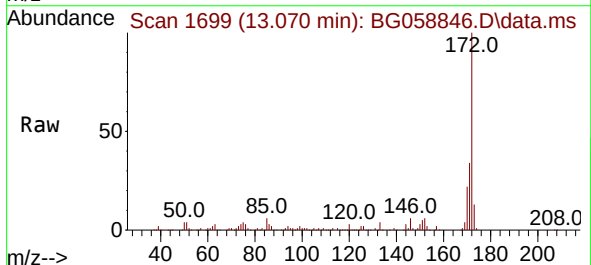
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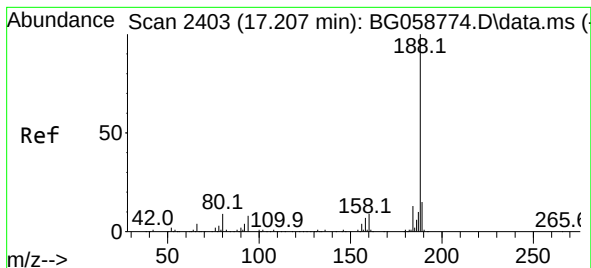
Tgt Ion:330 Resp: 115680
Ion Ratio Lower Upper
330 100
332 95.0 78.5 117.7
141 29.1 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 96.289 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:172 Resp: 306464
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.3 18.6 27.8

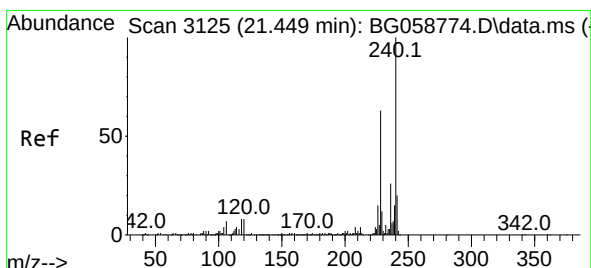
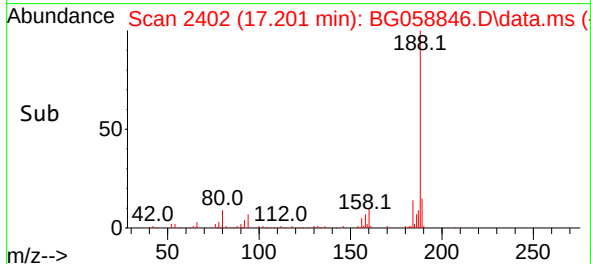
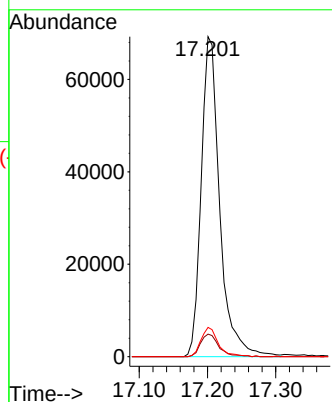
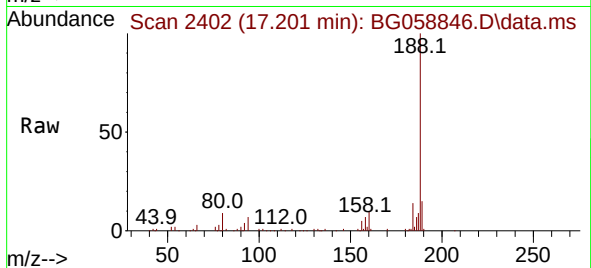




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.007 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

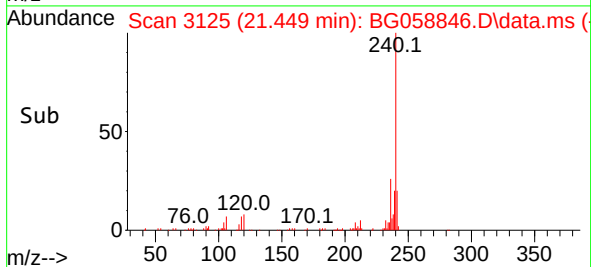
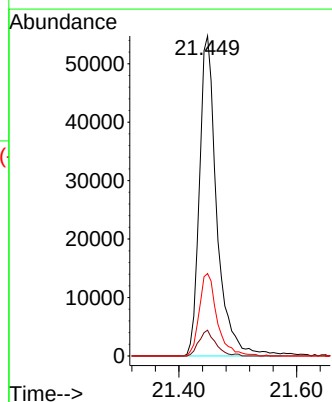
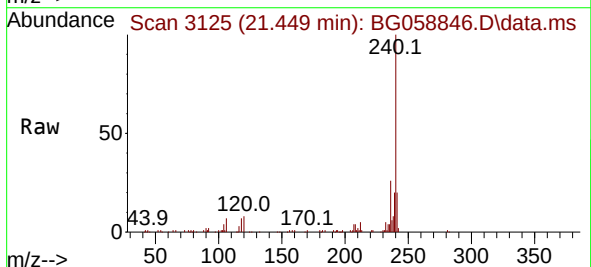
Instrument :
BNA_G
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TP-G

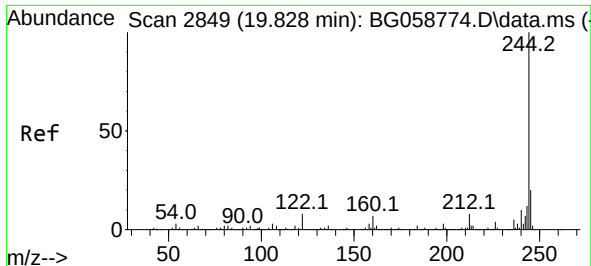
Tgt Ion:188 Resp: 130618
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 9.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058846.D
Acq: 24 Aug 2023 20:04

Tgt Ion:240 Resp: 111889
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 25.7 20.5 30.7

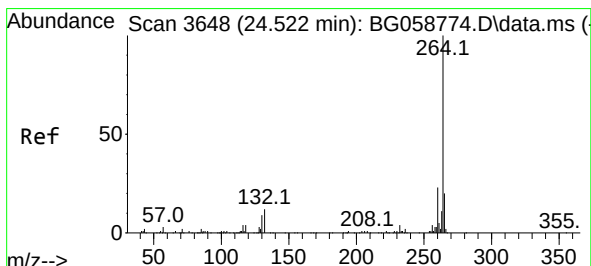
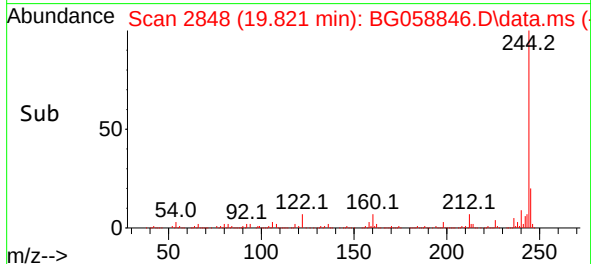
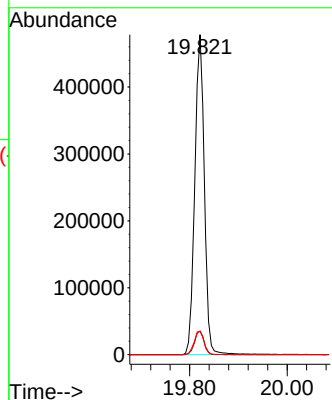
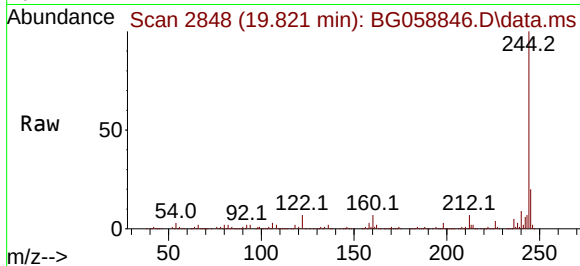




#79
 Terphenyl-d14
 Concen: 105.299 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG058846.D
 Acq: 24 Aug 2023 20:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Tgt Ion:244 Resp: 656149
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.3 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.527 min Scan# 3649
 Delta R.T. 0.005 min
 Lab File: BG058846.D
 Acq: 24 Aug 2023 20:04

Tgt Ion:264 Resp: 55247
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.5 16.4 24.6

