

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058847.D
 Acq On : 24 Aug 2023 20:45
 Operator : MA/JU
 Sample : 04091-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-F

Quant Time: Aug 25 02:59:36 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	16384	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	66096	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	49003	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	127683	20.000	ng	0.00
76) Chrysene-d12	21.449	240	116384	20.000	ng	0.00
86) Perylene-d12	24.522	264	134193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	145605	143.015	ng	0.00
7) Phenol-d6	6.978	99	178219	124.766	ng	0.00
23) Nitrobenzene-d5	8.969	82	125643	91.392	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	114932	149.581	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	319703	94.891	ng	0.00
79) Terphenyl-d14	19.821	244	670428	103.435	ng	0.00

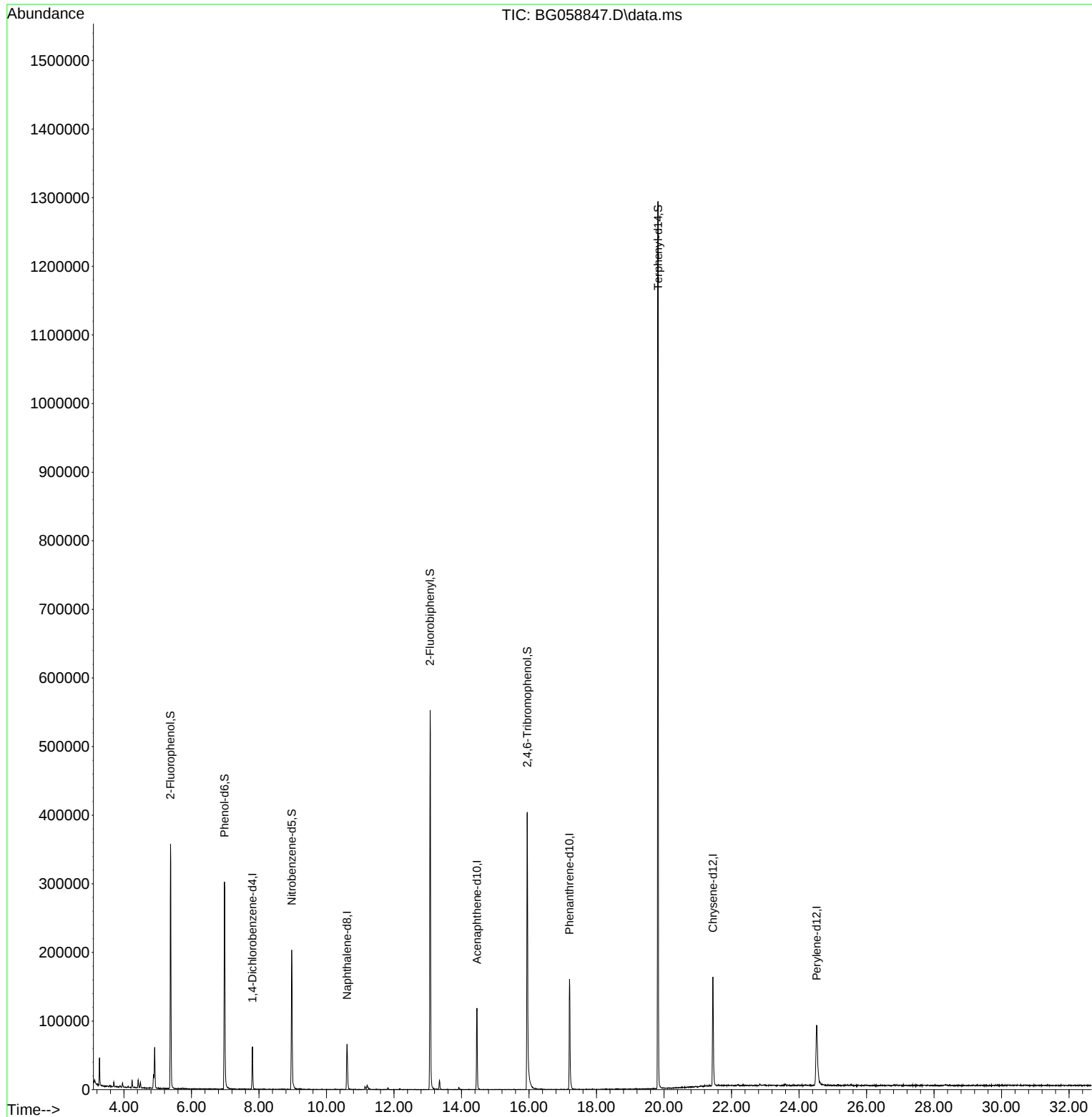
Target Compounds	Qvalue

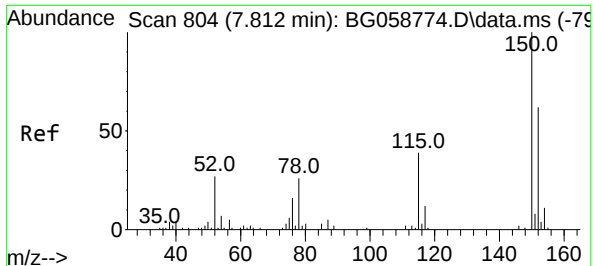
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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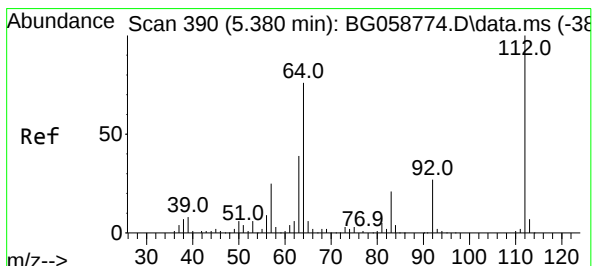
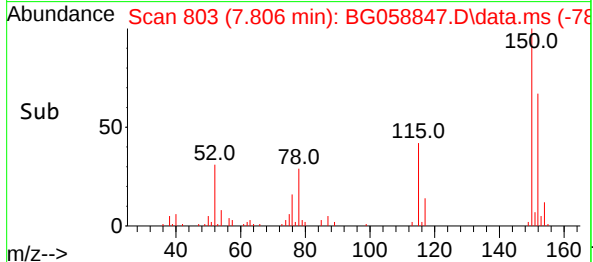
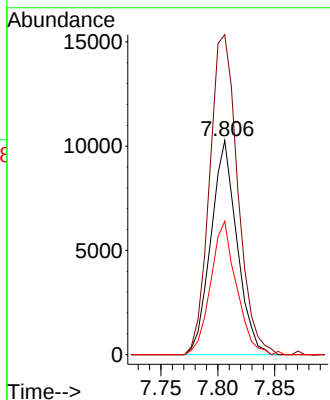
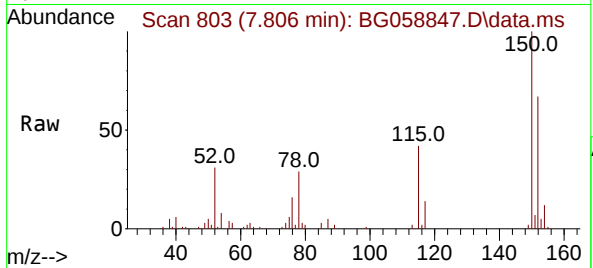




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

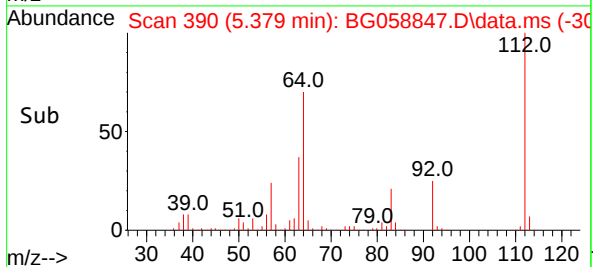
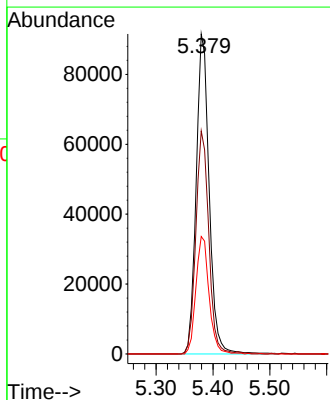
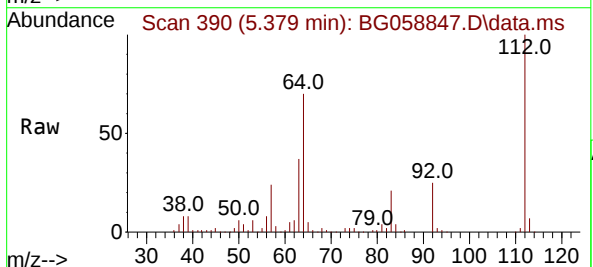
Instrument :
BNA_G
ClientSampleId :
TP-F

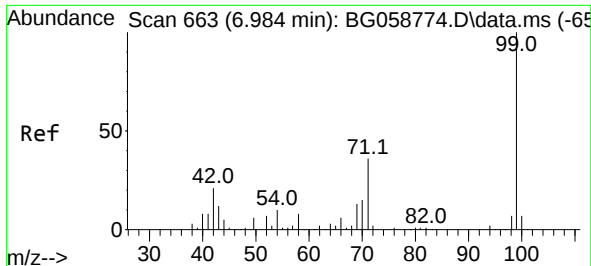
Tgt Ion:152 Resp: 16384
Ion Ratio Lower Upper
152 100
150 149.5 128.6 192.8
115 62.4 50.4 75.6



#5
2-Fluorophenol
Concen: 143.015 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:112 Resp: 145605
Ion Ratio Lower Upper
112 100
64 69.7 60.6 90.8
63 36.7 31.0 46.4

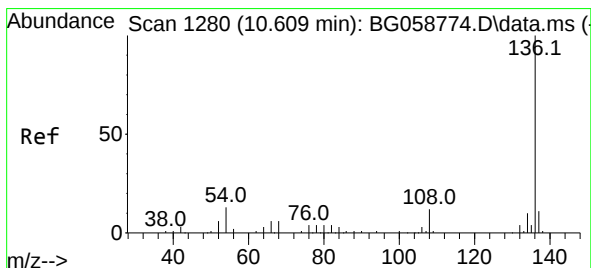
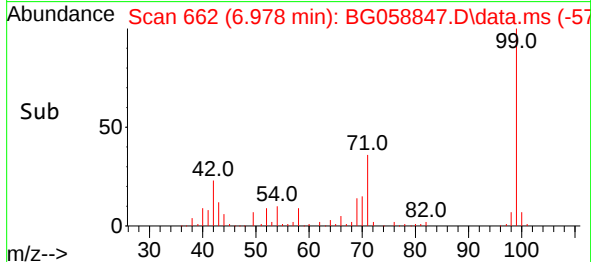
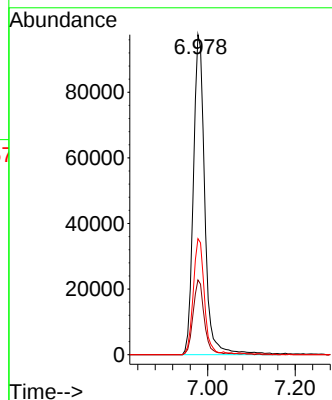
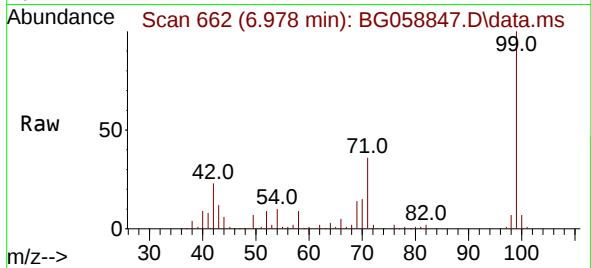




#7
Phenol-d6
Concen: 124.766 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

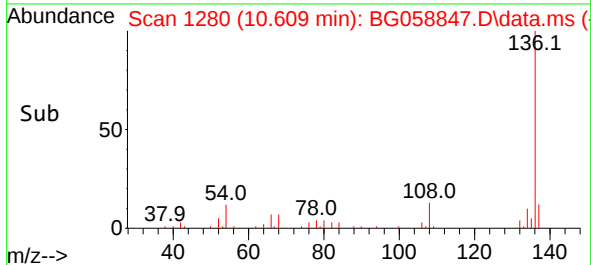
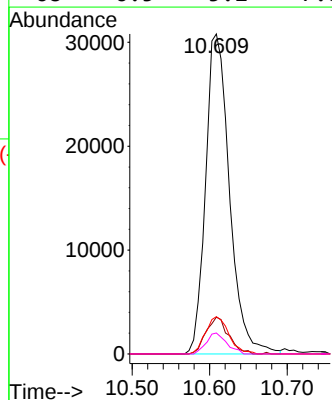
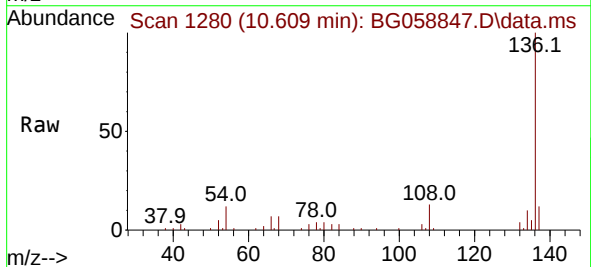
Instrument :
BNA_G
ClientSampleId :
TP-F

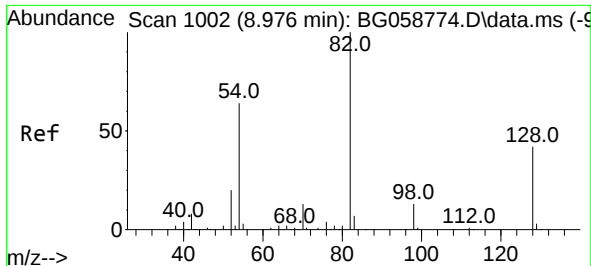
Tgt Ion: 99 Resp: 178219
Ion Ratio Lower Upper
99 100
42 23.3 16.5 24.7
71 36.2 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion: 136 Resp: 66096
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 11.6 10.1 15.1
68 6.5 5.2 7.8

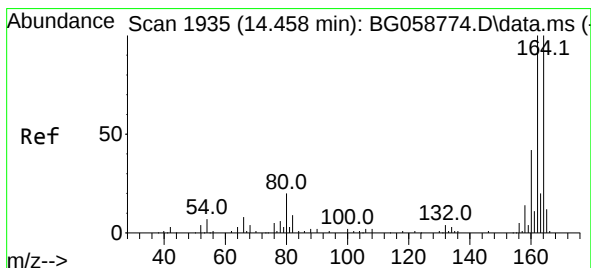
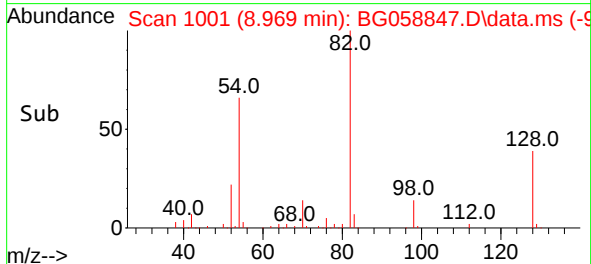
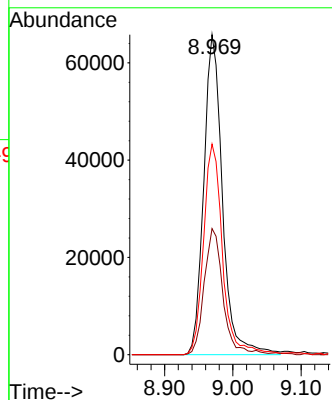
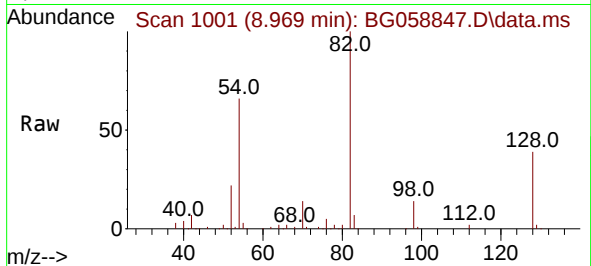




#23
Nitrobenzene-d5
Concen: 91.392 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

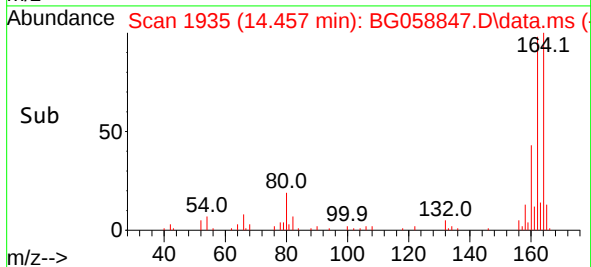
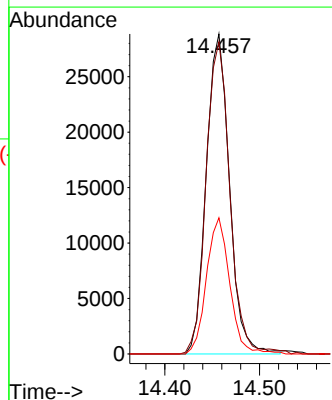
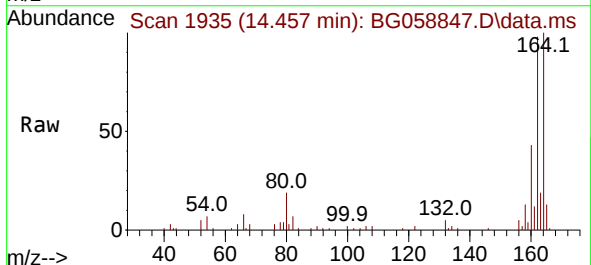
Instrument :
BNA_G
ClientSampleId :
TP-F

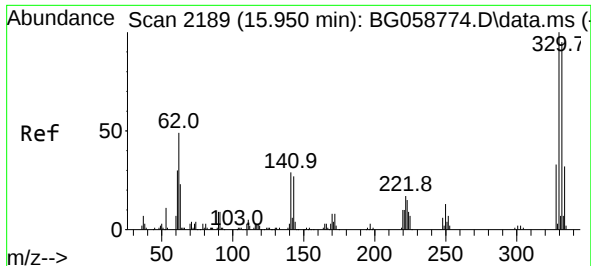
Tgt Ion: 82 Resp: 125643
Ion Ratio Lower Upper
82 100
128 39.4 33.2 49.8
54 65.8 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:164 Resp: 49003
Ion Ratio Lower Upper
164 100
162 97.6 79.6 119.4
160 42.6 34.0 51.0





#42

2,4,6-Tribromophenol

Concen: 149.581 ng

RT: 15.949 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058847.D

Acq: 24 Aug 2023 20:45

Instrument :

BNA_G

ClientSampleId :

TP-F

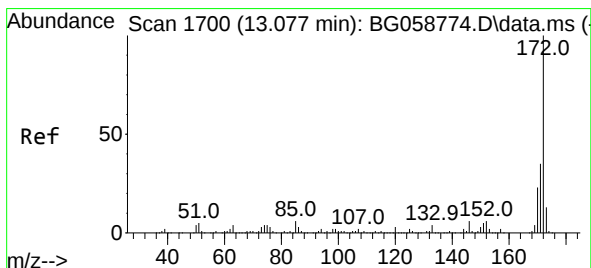
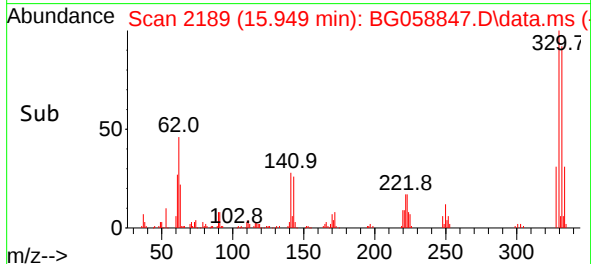
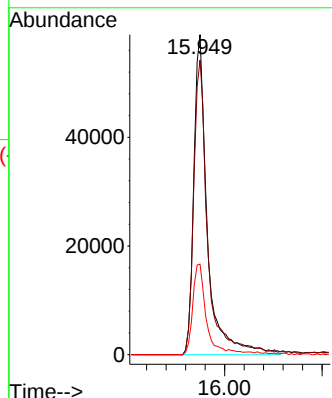
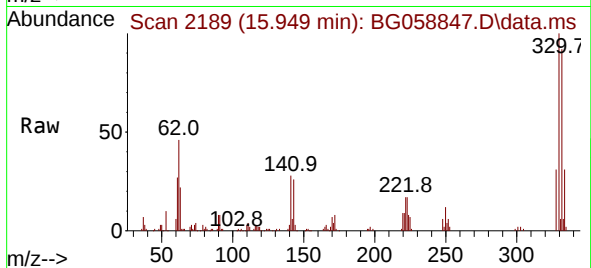
Tgt Ion:330 Resp: 114932

Ion Ratio Lower Upper

330 100

332 94.7 78.5 117.7

141 28.6 23.0 34.6



#45

2-Fluorobiphenyl

Concen: 94.891 ng

RT: 13.070 min Scan# 1699

Delta R.T. -0.007 min

Lab File: BG058847.D

Acq: 24 Aug 2023 20:45

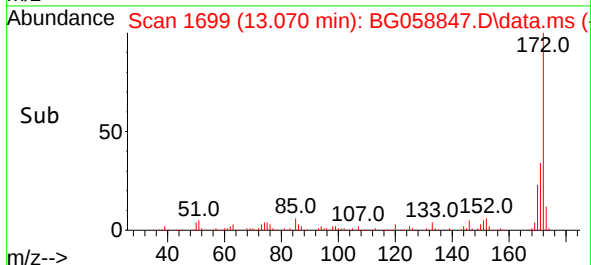
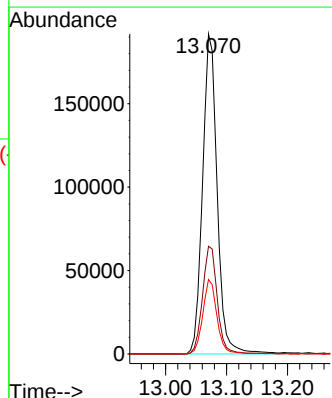
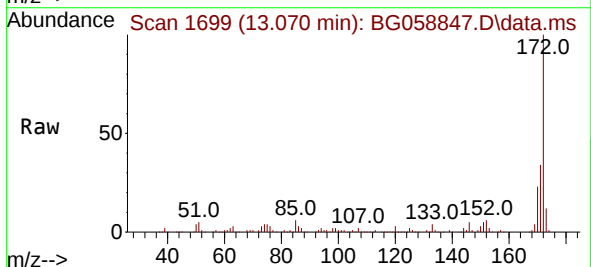
Tgt Ion:172 Resp: 319703

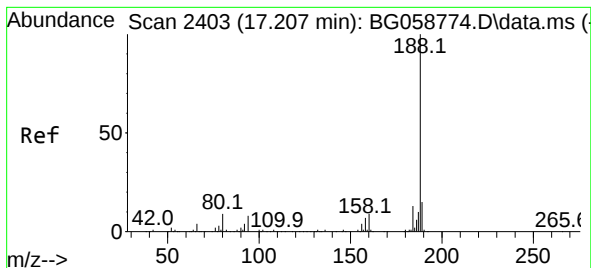
Ion Ratio Lower Upper

172 100

171 33.6 28.1 42.1

170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.201 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BG058847.D

Acq: 24 Aug 2023 20:45

Instrument :

BNA_G

ClientSampleId :

TP-F

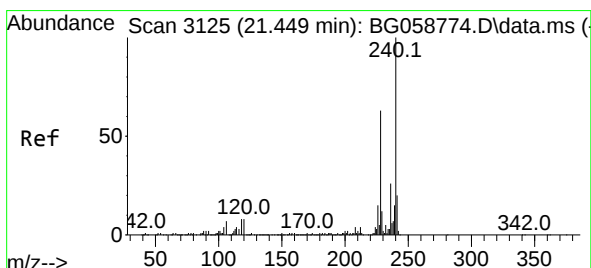
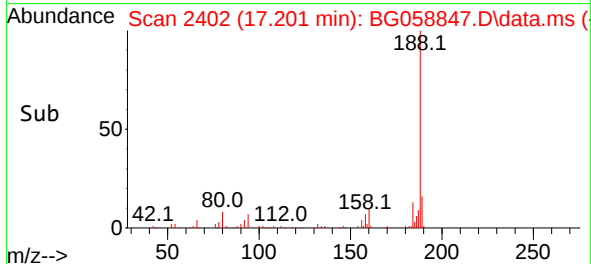
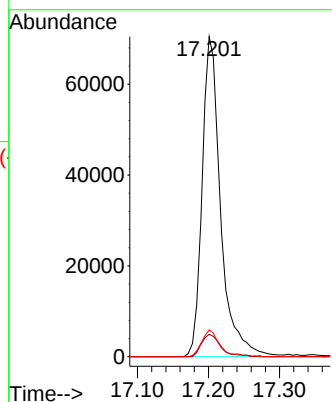
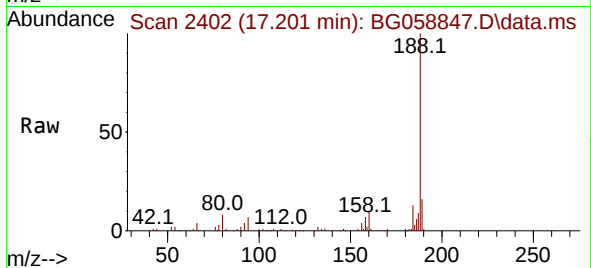
Tgt Ion:188 Resp: 127683

Ion Ratio Lower Upper

188 100

94 7.0 6.1 9.1

80 8.3 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BG058847.D

Acq: 24 Aug 2023 20:45

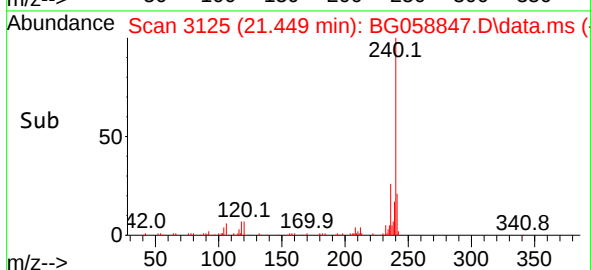
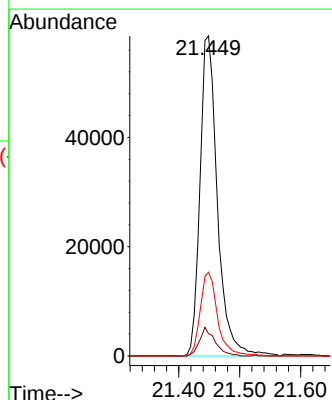
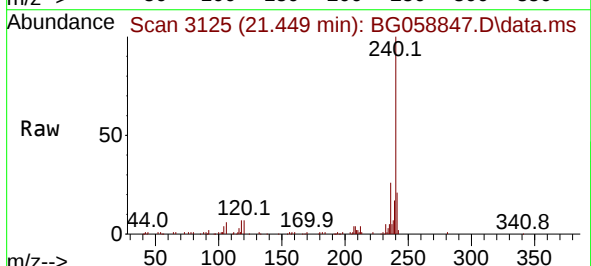
Tgt Ion:240 Resp: 116384

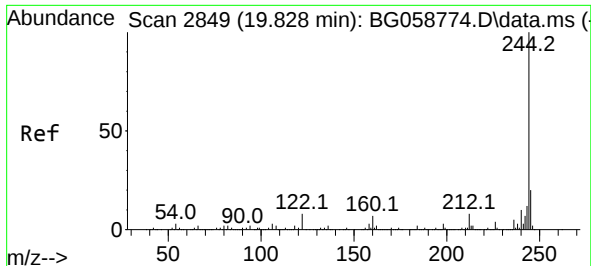
Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.2

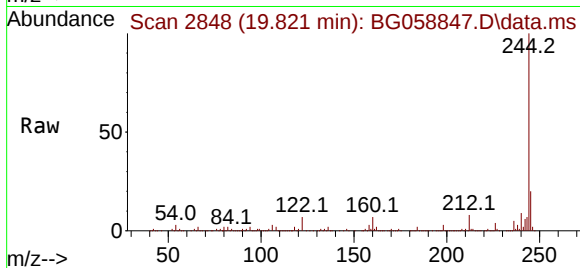
236 26.2 20.5 30.7



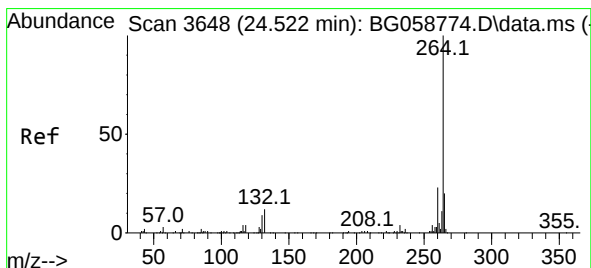
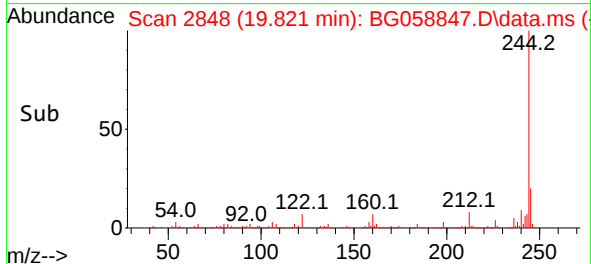
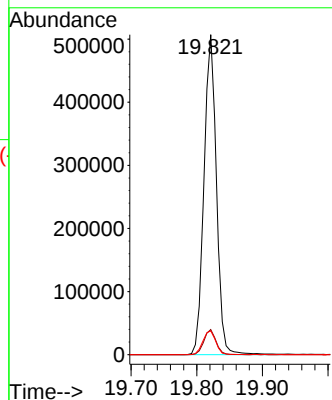


#79
Terphenyl-d14
Concen: 103.435 ng
RT: 19.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Instrument :
BNA_G
ClientSampleId :
TP-F



Tgt Ion:244 Resp: 670428
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 7.4 6.3 9.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.522 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BG058847.D
Acq: 24 Aug 2023 20:45

Tgt Ion:264 Resp: 134193
Ion Ratio Lower Upper
264 100
260 20.8 18.2 27.2
265 20.6 16.4 24.6

