

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058845.D
 Acq On : 24 Aug 2023 19:23
 Operator : MA/JU
 Sample : 04091-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-H

Quant Time: Aug 25 02:58:59 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	16342	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	69282	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	49721	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	130957	20.000	ng	0.00
76) Chrysene-d12	21.449	240	118664	20.000	ng	0.00
86) Perylene-d12	24.521	264	138357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	147416	145.166	ng	0.00
7) Phenol-d6	6.977	99	184877	129.760	ng	0.00
23) Nitrobenzene-d5	8.969	82	131404	91.187	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	103730	133.053	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	319132	93.354	ng	0.00
79) Terphenyl-d14	19.821	244	654179	98.989	ng	0.00

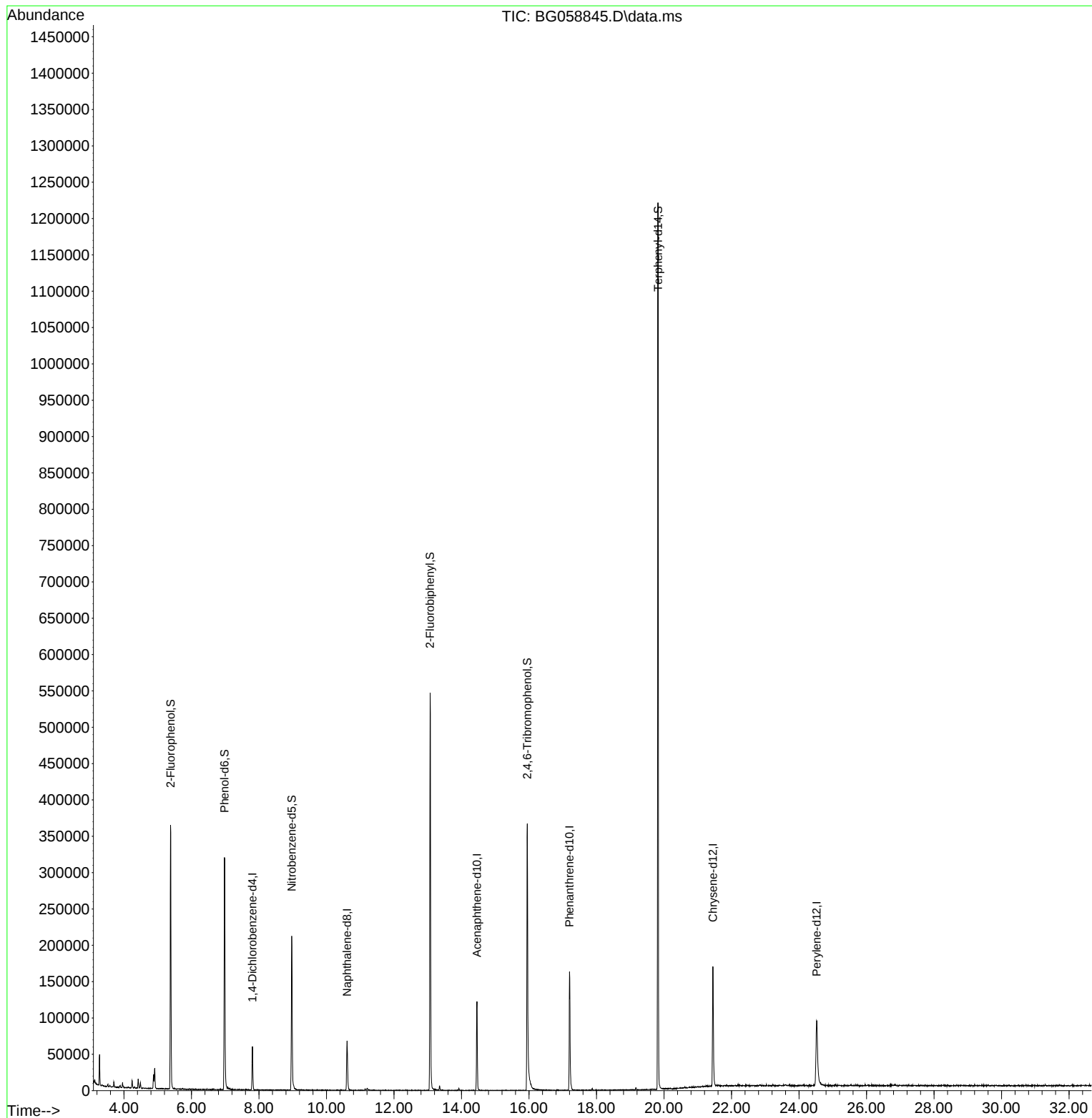
Target Compounds	Qvalue

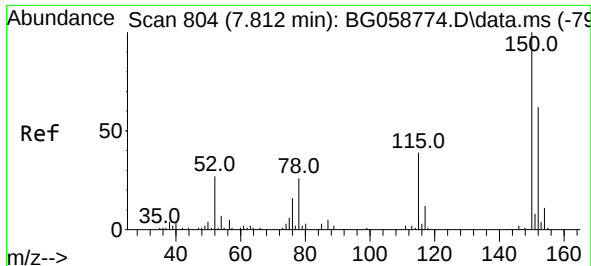
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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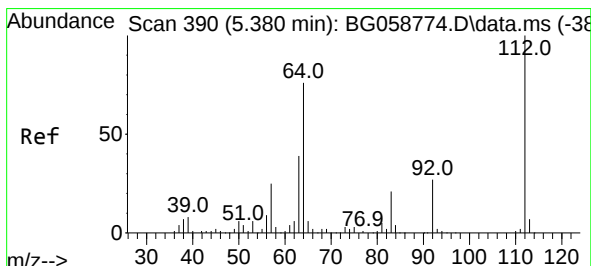
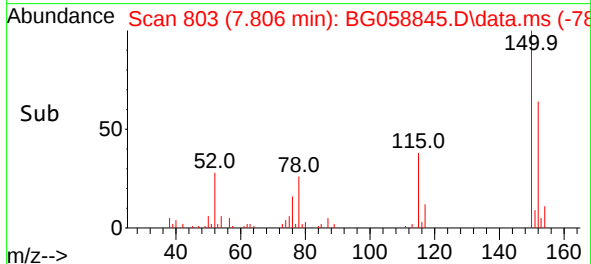
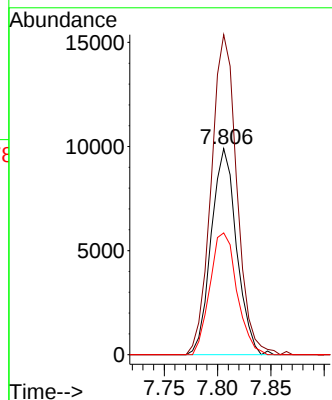
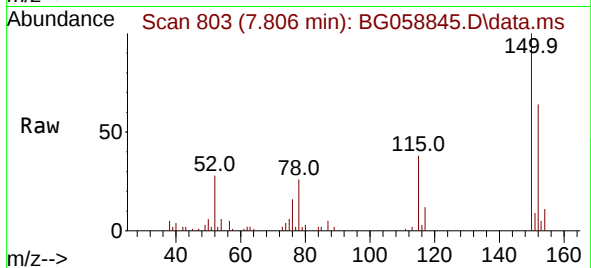




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

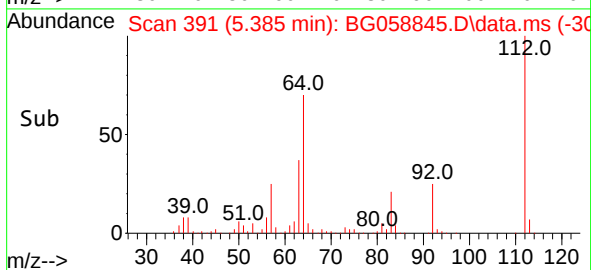
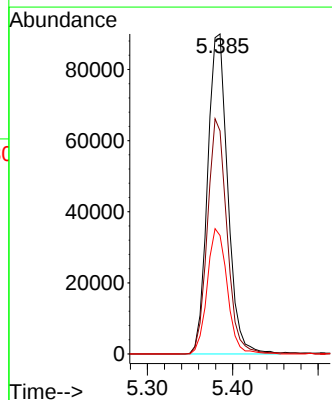
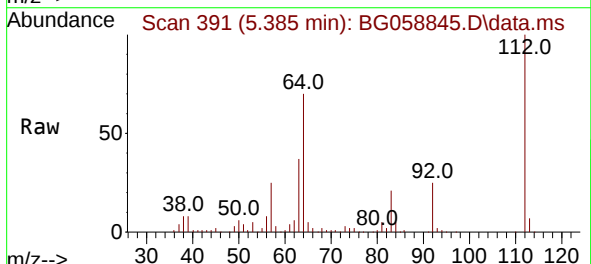
Instrument :
BNA_G
ClientSampleId :
TP-H

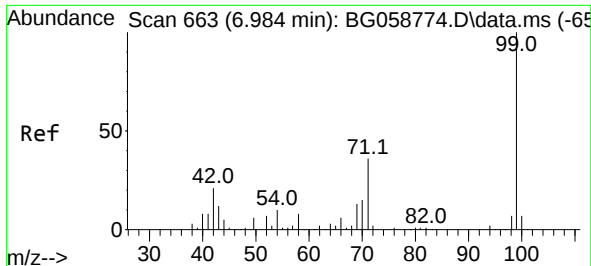
Tgt Ion:152 Resp: 16342
Ion Ratio Lower Upper
152 100
150 155.3 128.6 192.8
115 59.1 50.4 75.6



#5
2-Fluorophenol
Concen: 145.166 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

Tgt Ion:112 Resp: 147416
Ion Ratio Lower Upper
112 100
64 69.7 60.6 90.8
63 37.0 31.0 46.4

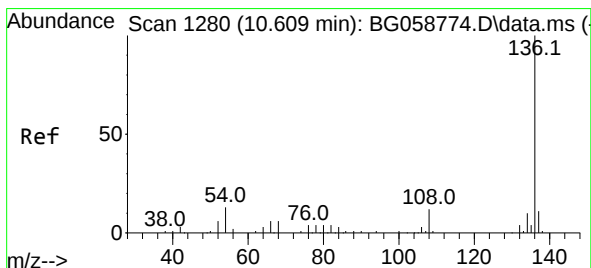
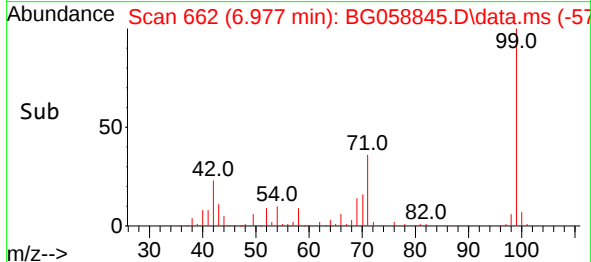
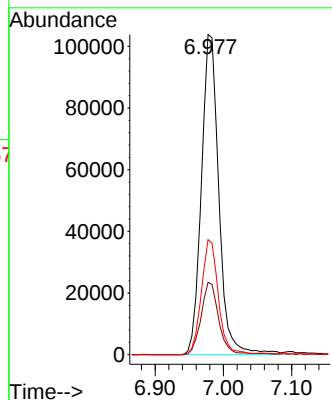
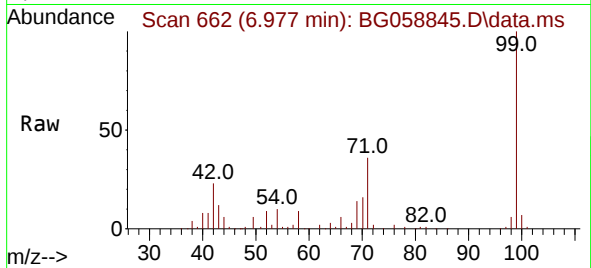




#7
Phenol-d6
Concen: 129.760 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

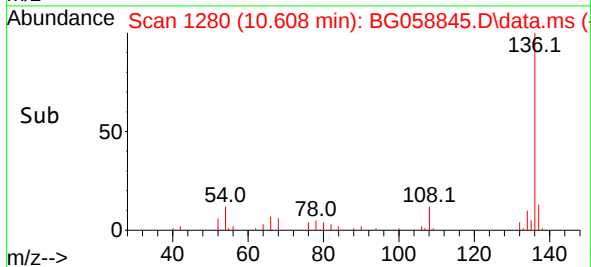
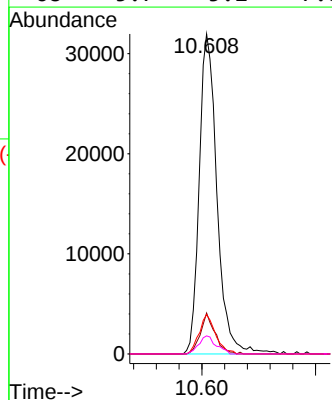
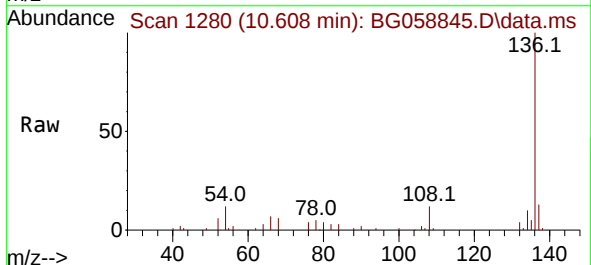
Instrument :
BNA_G
ClientSampleId :
TP-H

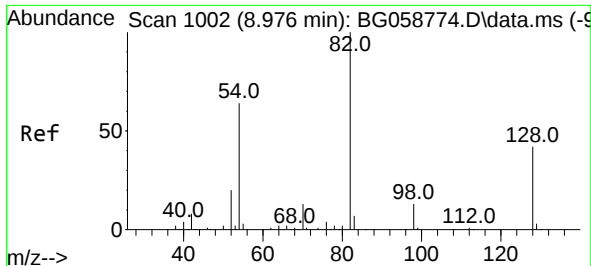
Tgt Ion: 99 Resp: 184877
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 36.0 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

Tgt Ion: 136 Resp: 69282
Ion Ratio Lower Upper
136 100
137 12.8 8.7 13.1
54 12.3 10.1 15.1
68 5.7 5.2 7.8

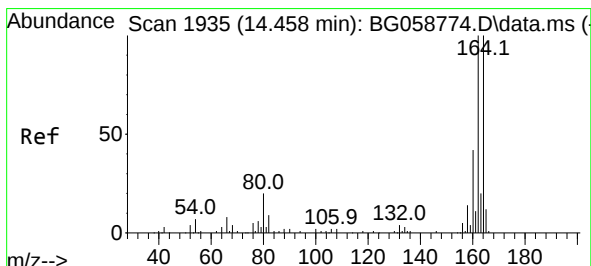
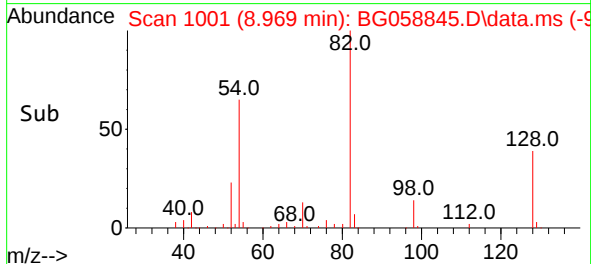
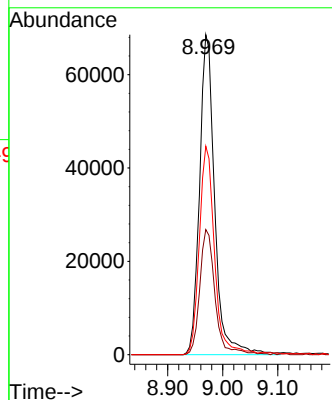
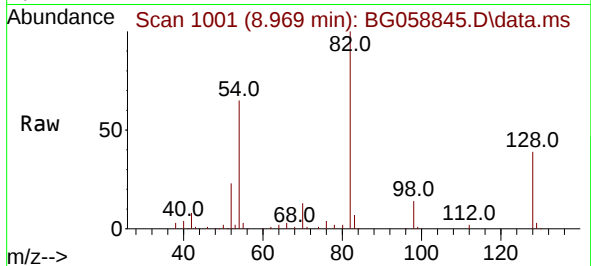




#23
Nitrobenzene-d5
Concen: 91.187 ng
RT: 8.969 min Scan# 1002
Delta R.T. -0.007 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

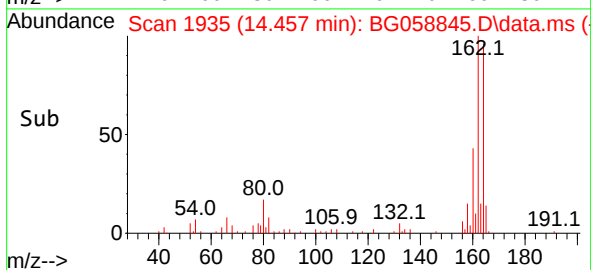
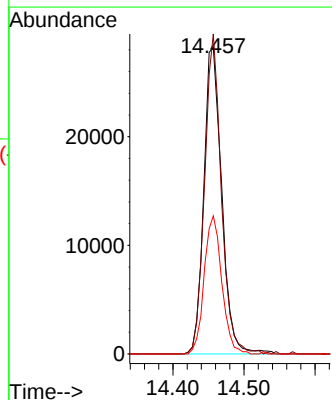
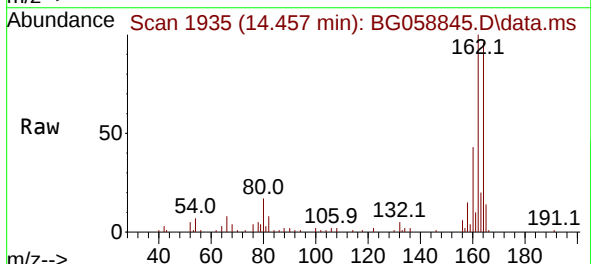
Instrument :
BNA_G
ClientSampleId :
TP-H

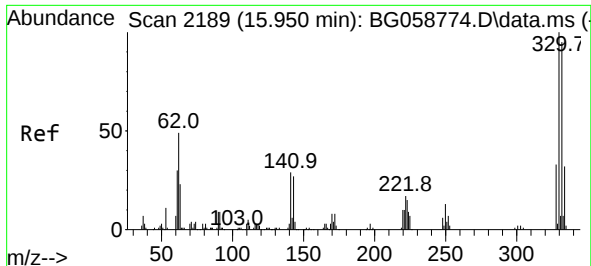
Tgt Ion: 82 Resp: 131404
Ion Ratio Lower Upper
82 100
128 39.1 33.2 49.8
54 65.1 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

Tgt Ion:164 Resp: 49721
Ion Ratio Lower Upper
164 100
162 104.5 79.6 119.4
160 45.1 34.0 51.0

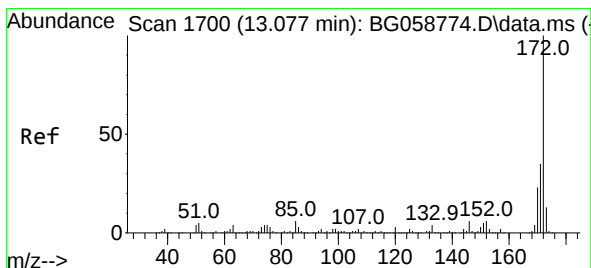
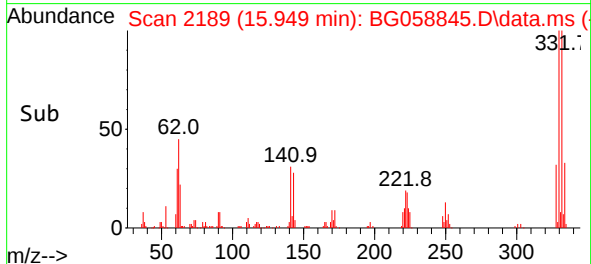
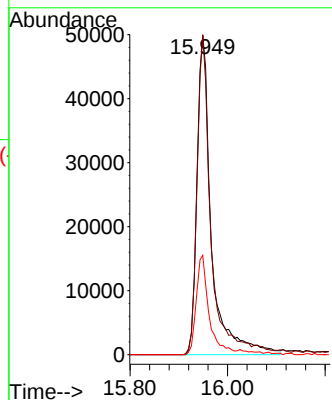
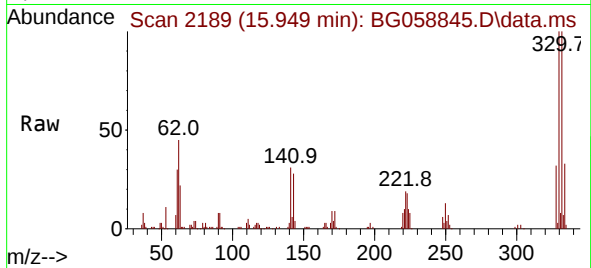




#42
2,4,6-Tribromophenol
Concen: 133.053 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

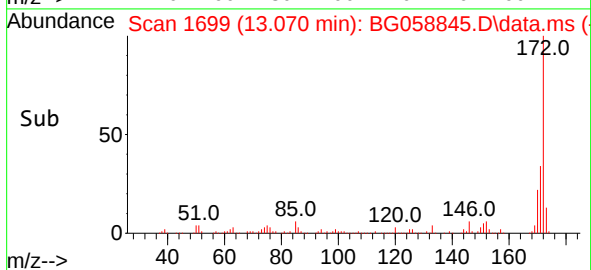
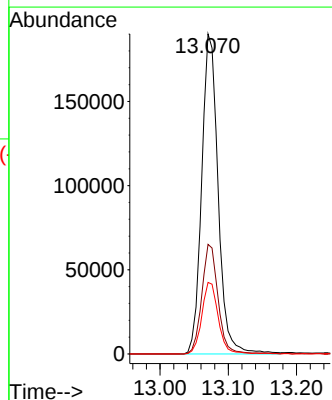
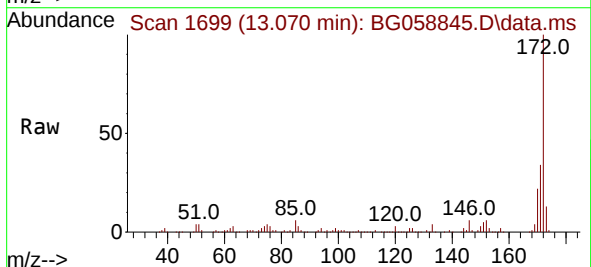
Instrument :
BNA_G
ClientSampleId :
TP-H

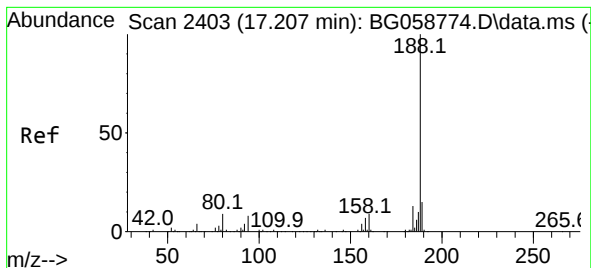
Tgt Ion:330 Resp: 103730
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 27.6 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 93.354 ng
RT: 13.070 min Scan# 1699
Delta R.T. -0.007 min
Lab File: BG058845.D
Acq: 24 Aug 2023 19:23

Tgt Ion:172 Resp: 319132
Ion Ratio Lower Upper
172 100
171 34.3 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: BG058845.D

Acq: 24 Aug 2023 19:23

Instrument :

BNA_G

ClientSampleId :

TP-H

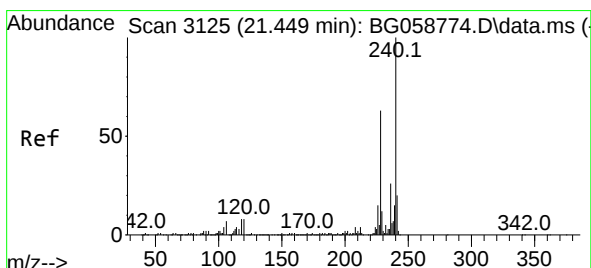
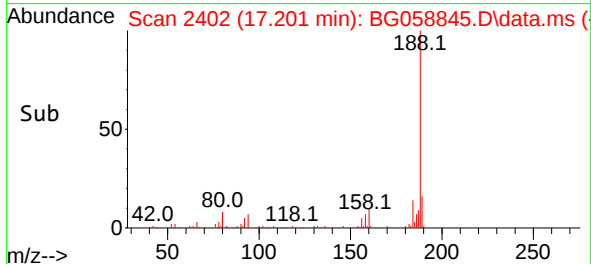
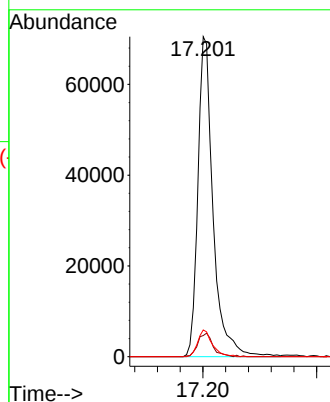
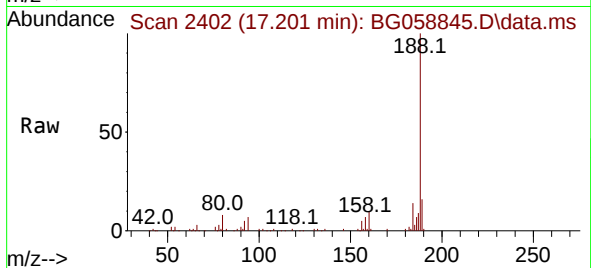
Tgt Ion:188 Resp: 130957

Ion Ratio Lower Upper

188 100

94 6.6 6.1 9.1

80 8.4 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: BG058845.D

Acq: 24 Aug 2023 19:23

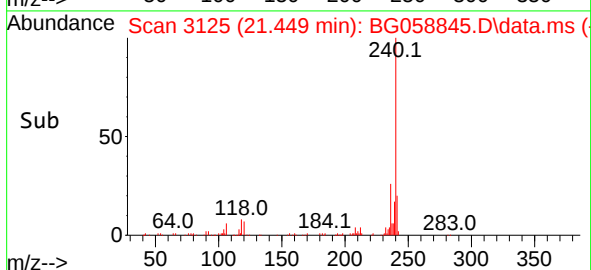
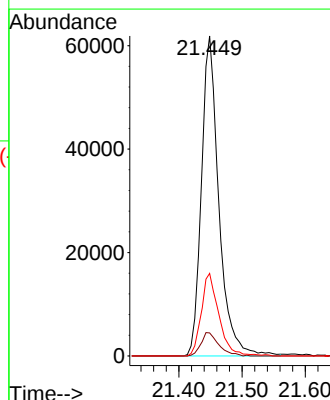
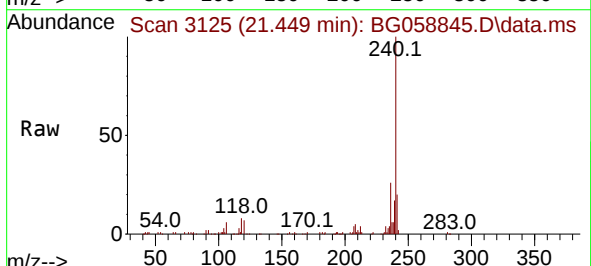
Tgt Ion:240 Resp: 118664

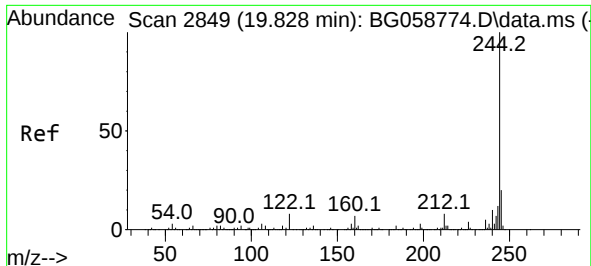
Ion Ratio Lower Upper

240 100

120 7.2 6.2 9.2

236 25.8 20.5 30.7

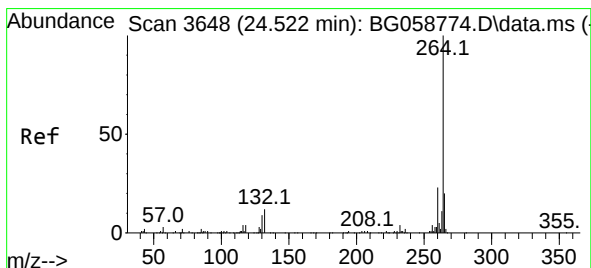
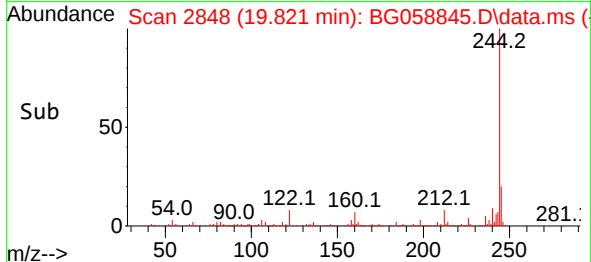
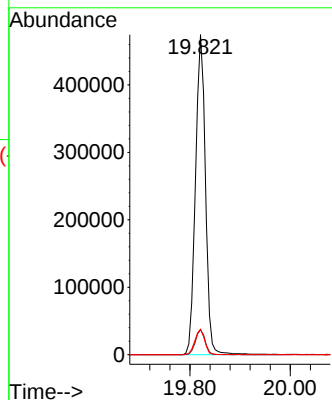
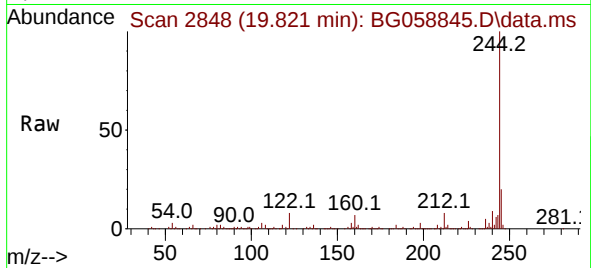




#79
 Terphenyl-d14
 Concen: 98.989 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG058845.D
 Acq: 24 Aug 2023 19:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-H

Tgt Ion:244 Resp: 654179
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.0 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 3648
 Delta R.T. -0.001 min
 Lab File: BG058845.D
 Acq: 24 Aug 2023 19:23

Tgt Ion:264 Resp: 138357
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 21.9 16.4 24.6

