

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058802.D
 Acq On : 22 Aug 2023 10:09
 Operator : MA/JU
 Sample : PB154955BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154955BL

Quant Time: Aug 22 17:12:18 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	22911	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	96112	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	70806	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	182208	20.000	ng	0.00
76) Chrysene-d12	21.449	240	159232	20.000	ng	0.00
86) Perylene-d12	24.522	264	190372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	209533	147.175	ng	0.00
7) Phenol-d6	6.977	99	282151	141.254	ng	0.00
23) Nitrobenzene-d5	8.969	82	175265	87.672	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	149531	134.685	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	451966	92.840	ng	0.00
79) Terphenyl-d14	19.827	244	862850	97.300	ng	0.00

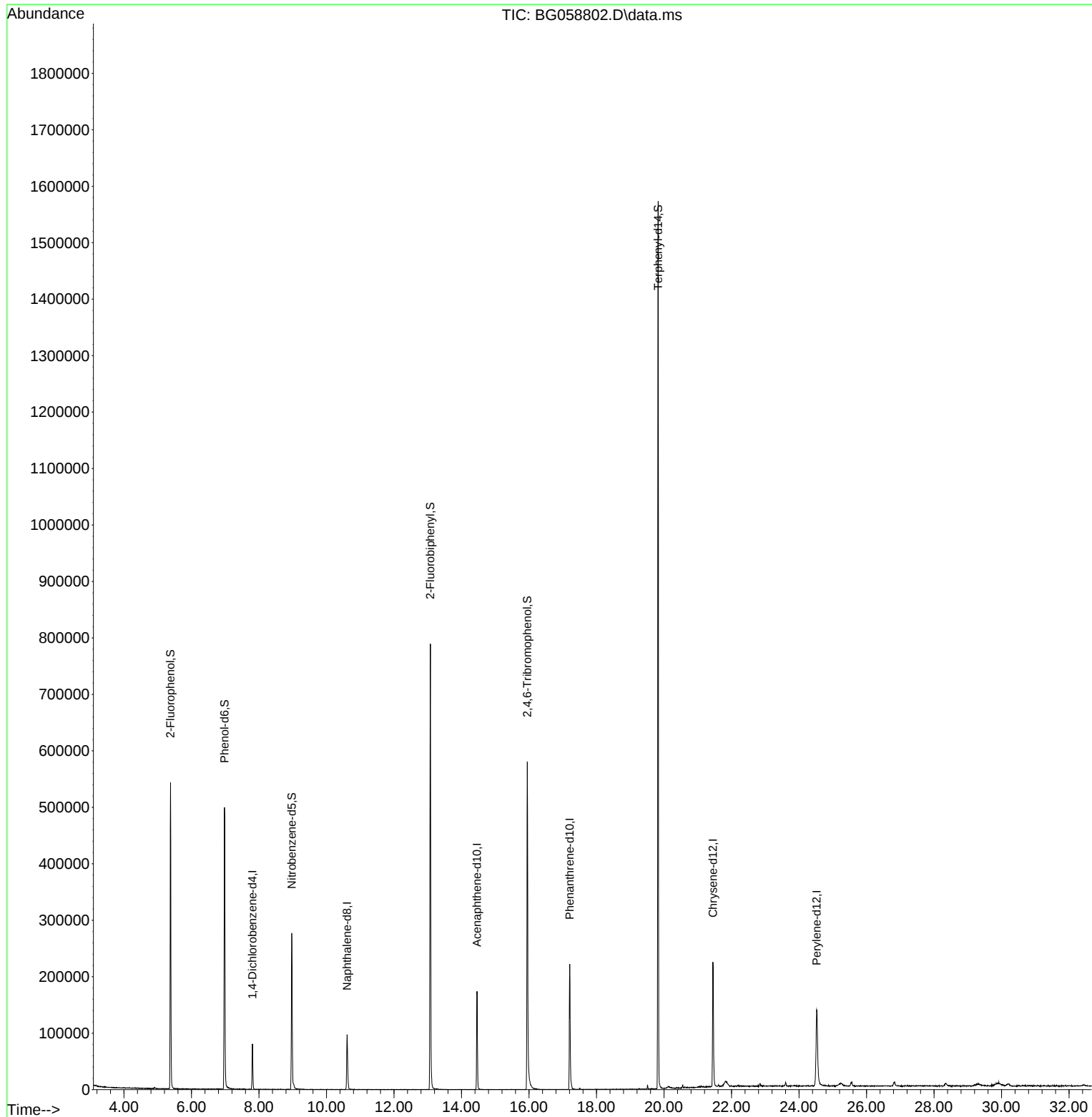
Target Compounds	Qvalue

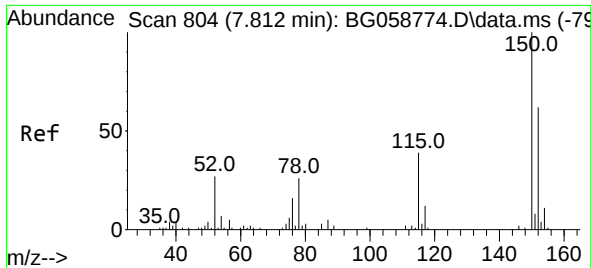
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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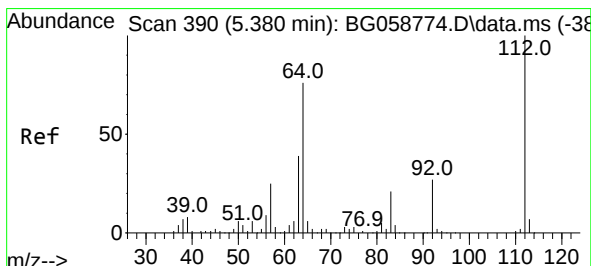
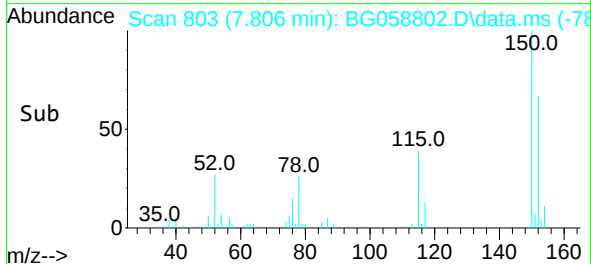
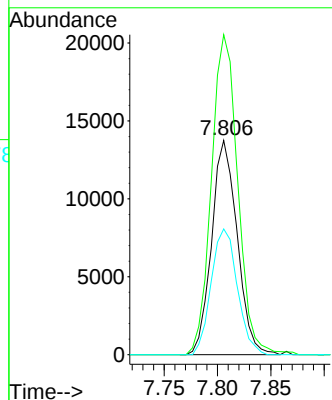
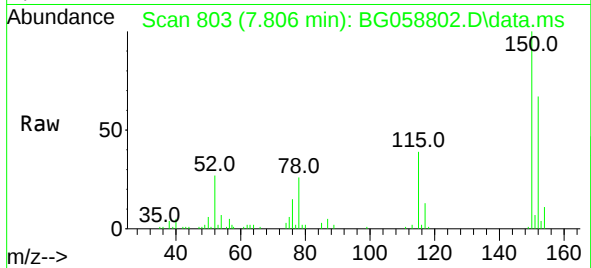




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

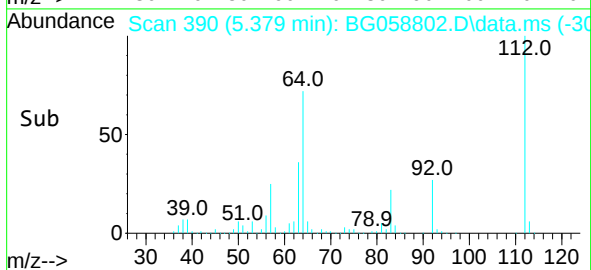
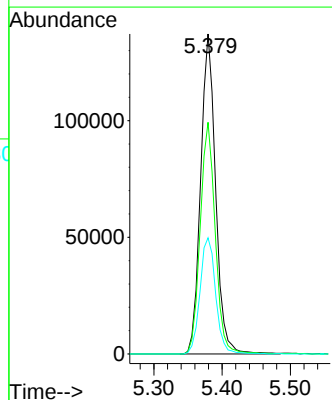
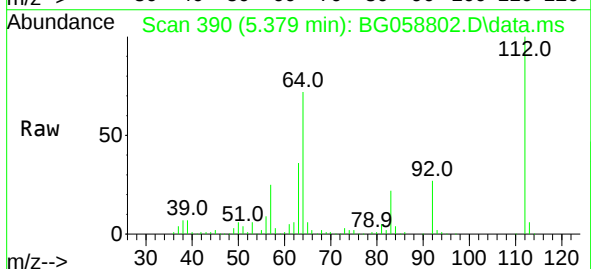
Instrument :
BNA_G
ClientSampleId :
PB154955BL

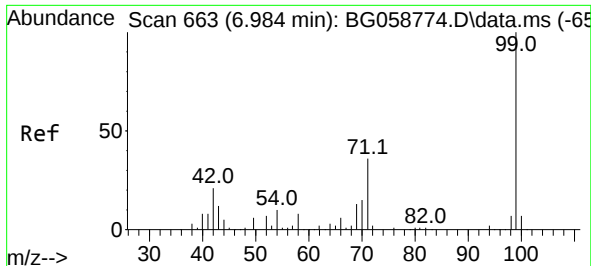
Tgt Ion:152 Resp: 22911
Ion Ratio Lower Upper
152 100
150 149.3 128.6 192.8
115 58.7 50.4 75.6



#5
2-Fluorophenol
Concen: 147.175 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

Tgt Ion:112 Resp: 209533
Ion Ratio Lower Upper
112 100
64 72.4 60.6 90.8
63 36.3 31.0 46.4

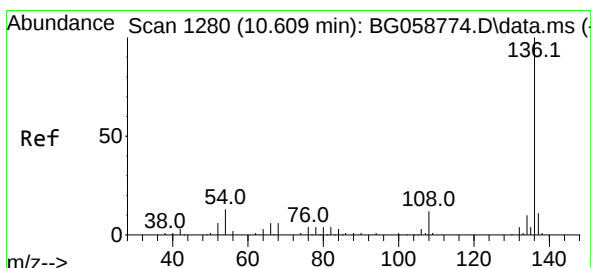
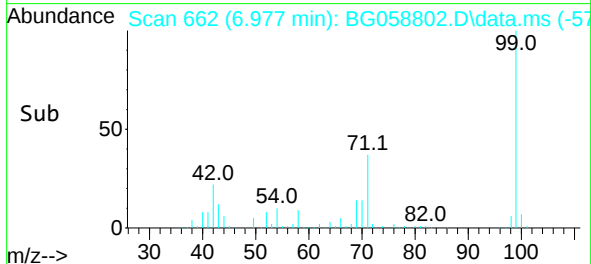
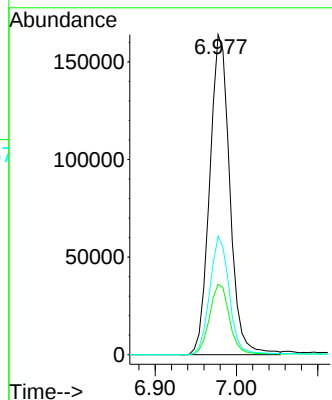
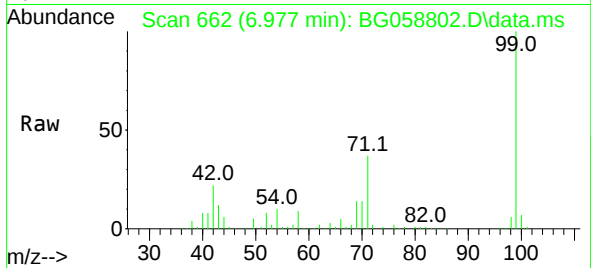




#7
Phenol-d6
Concen: 141.254 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

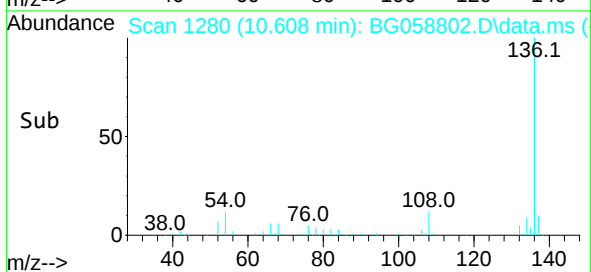
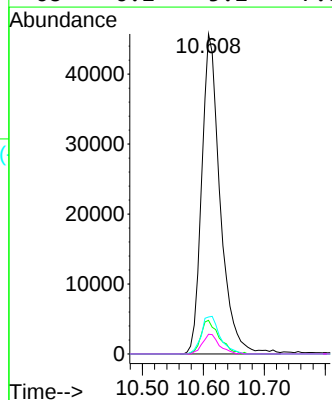
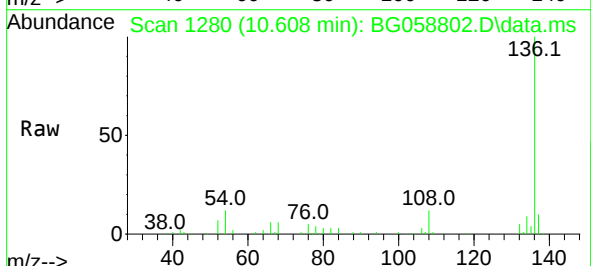
Instrument :
BNA_G
ClientSampleId :
PB154955BL

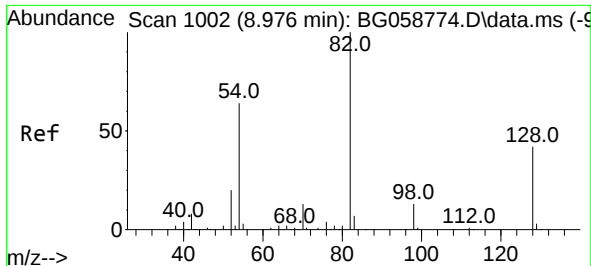
Tgt Ion: 99 Resp: 282151
Ion Ratio Lower Upper
99 100
42 21.9 16.5 24.7
71 37.0 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

Tgt Ion: 136 Resp: 96112
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.5 10.1 15.1
68 6.2 5.2 7.8

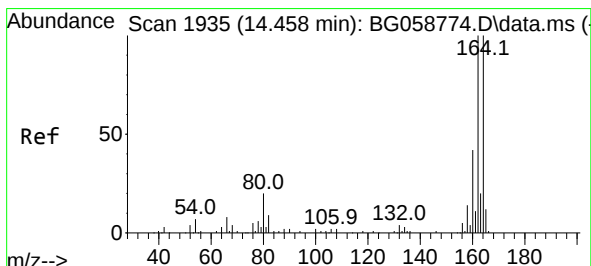
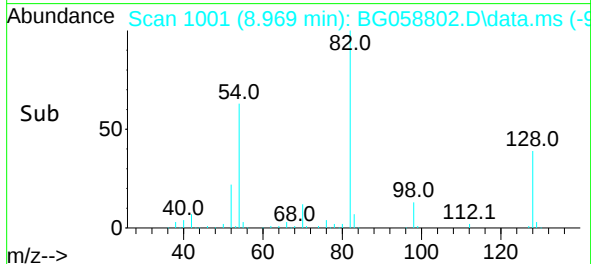
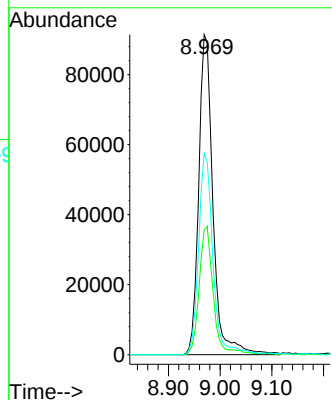
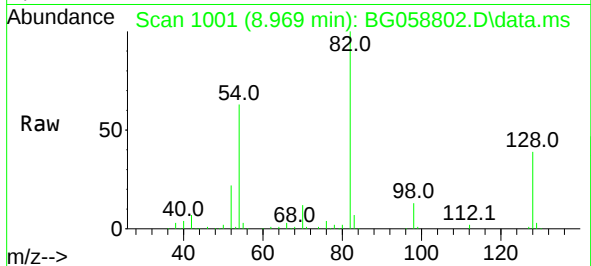




#23
Nitrobenzene-d5
Concen: 87.672 ng
RT: 8.969 min Scan# 1002
Delta R.T. -0.007 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

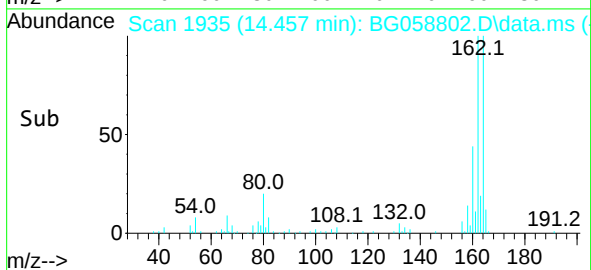
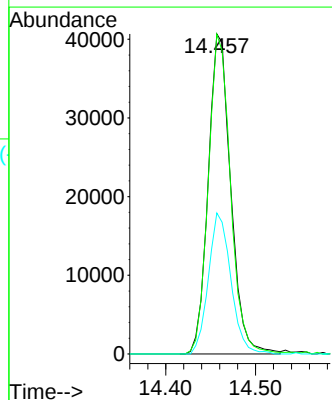
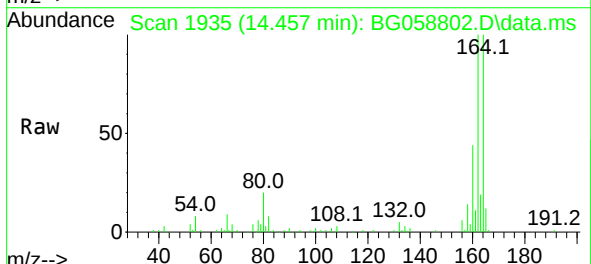
Instrument :
BNA_G
ClientSampleId :
PB154955BL

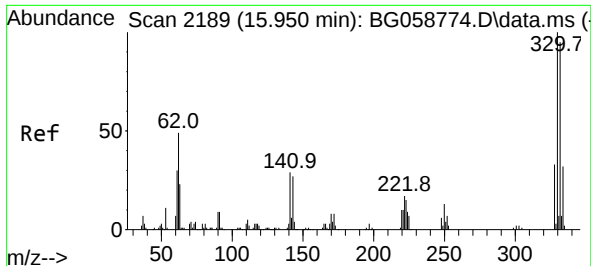
Tgt Ion: 82 Resp: 175265
Ion Ratio Lower Upper
82 100
128 39.0 33.2 49.8
54 62.9 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

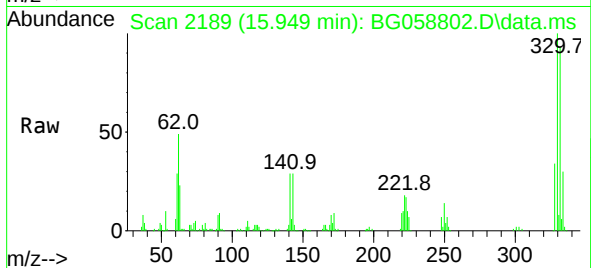
Tgt Ion:164 Resp: 70806
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 44.0 34.0 51.0



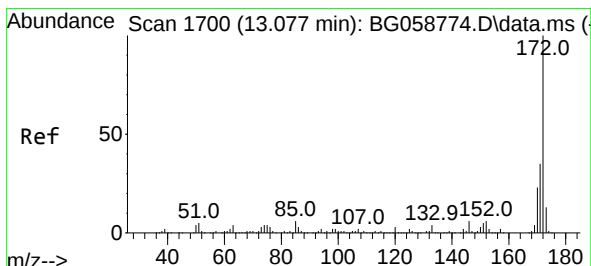
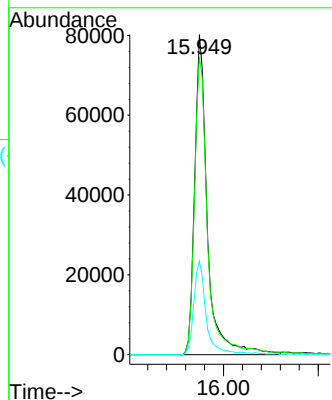
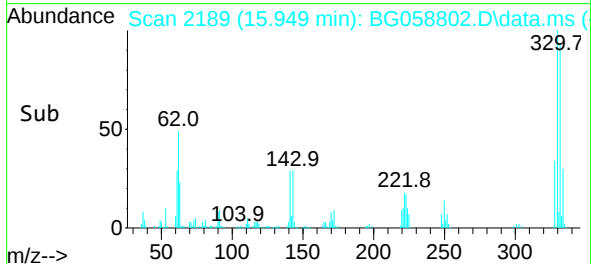


#42
2,4,6-Tribromophenol
Concen: 134.685 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09

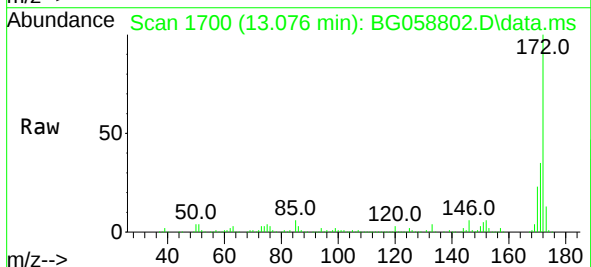
Instrument :
BNA_G
ClientSampleId :
PB154955BL



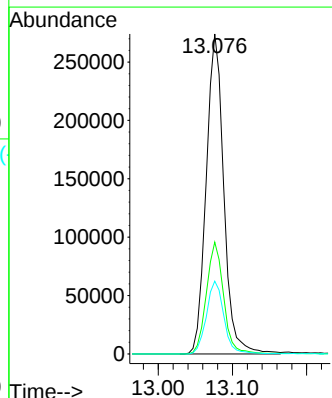
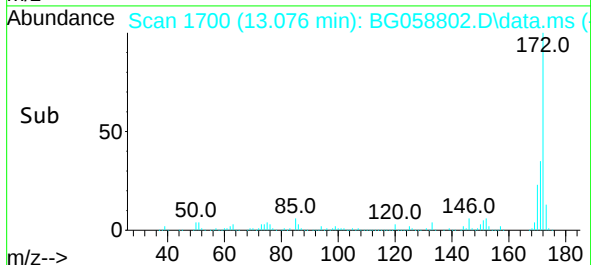
Tgt Ion:330 Resp: 149531
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 28.0 23.0 34.6

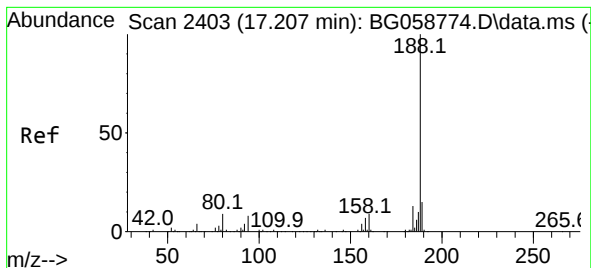


#45
2-Fluorobiphenyl
Concen: 92.840 ng
RT: 13.076 min Scan# 1700
Delta R.T. -0.001 min
Lab File: BG058802.D
Acq: 22 Aug 2023 10:09



Tgt Ion:172 Resp: 451966
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.207 min Scan# 2403

Delta R.T. -0.001 min

Lab File: BG058802.D

Acq: 22 Aug 2023 10:09

Instrument :

BNA_G

ClientSampleId :

PB154955BL

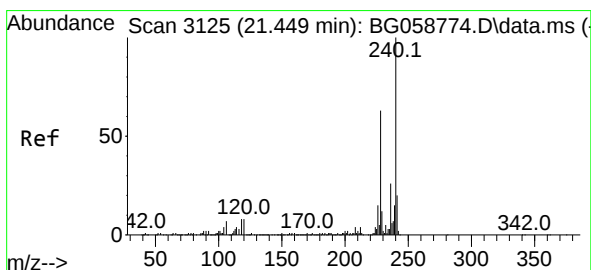
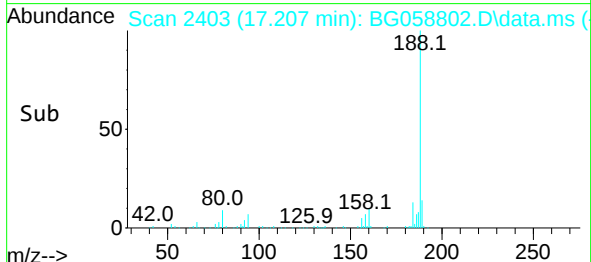
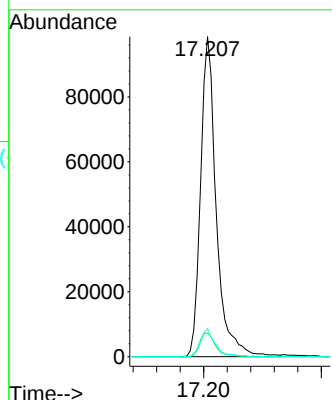
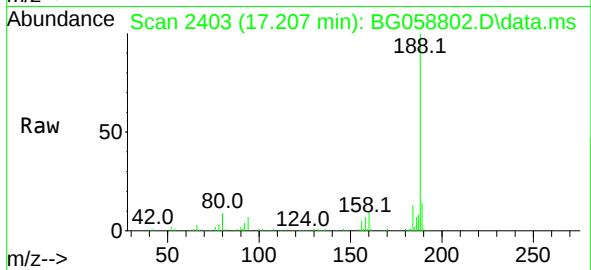
Tgt Ion:188 Resp: 182208

Ion Ratio Lower Upper

188 100

94 7.4 6.1 9.1

80 8.9 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: BG058802.D

Acq: 22 Aug 2023 10:09

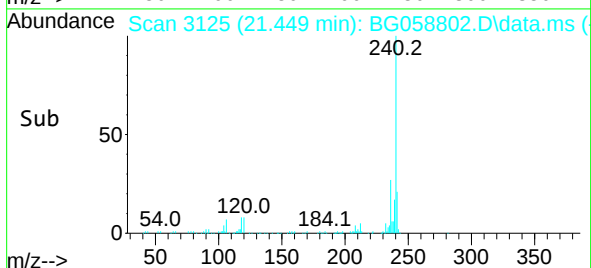
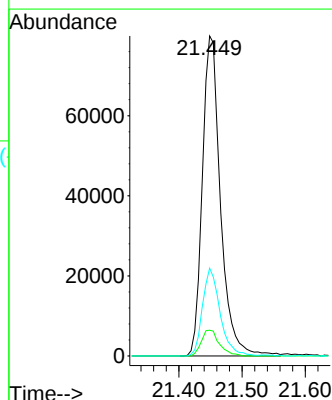
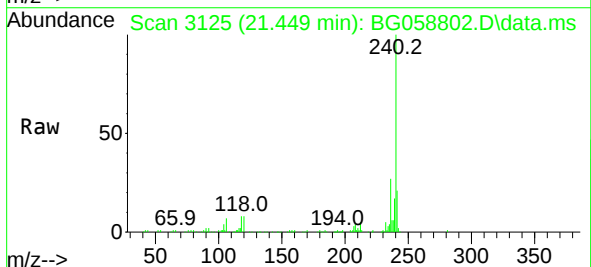
Tgt Ion:240 Resp: 159232

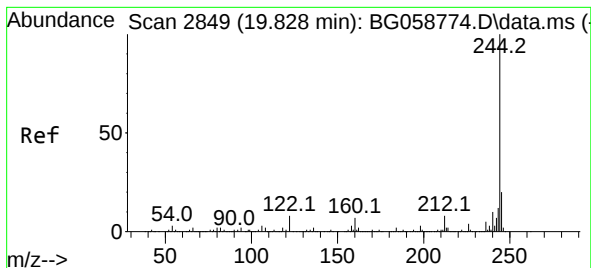
Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

236 27.4 20.5 30.7





#79

Terphenyl-d14

Concen: 97.300 ng

RT: 19.827 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058802.D

Acq: 22 Aug 2023 10:09

Instrument :

BNA_G

ClientSampleId :

PB154955BL

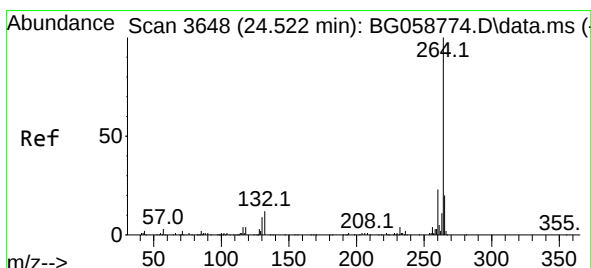
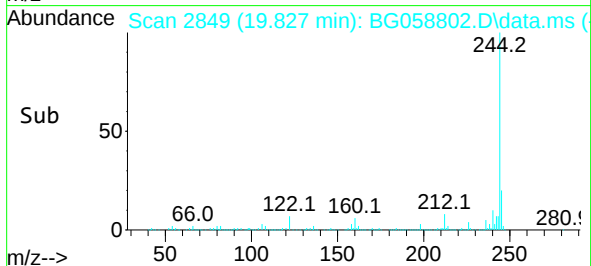
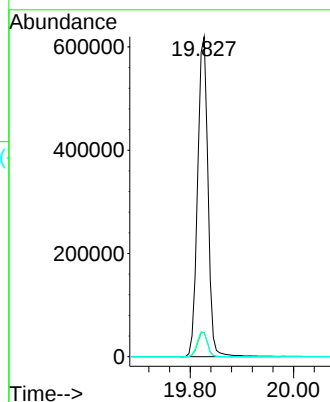
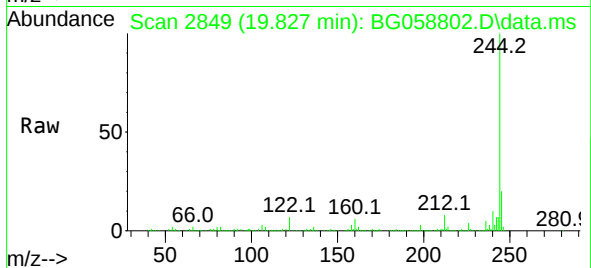
Tgt Ion:244 Resp: 862850

Ion Ratio Lower Upper

244 100

212 7.5 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. -0.001 min

Lab File: BG058802.D

Acq: 22 Aug 2023 10:09

Tgt Ion:264 Resp: 190372

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 22.3 16.4 24.6

