

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056589.D
 Acq On : 8 Feb 2023 20:00
 Operator : CG/JU
 Sample : 01462-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Feb 09 02:08:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	40309	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	156251	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	109072	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	255933	20.000	ng	0.00
76) Chrysene-d12	21.920	240	227463	20.000	ng	0.00
86) Perylene-d12	25.345	264	218553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	331846	151.444	ng	0.00
7) Phenol-d6	7.425	99	407342	125.465	ng	0.00
23) Nitrobenzene-d5	9.452	82	257670	93.643	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	210255	144.999	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	829882	105.487	ng	0.00
79) Terphenyl-d14	20.210	244	1342193	103.638	ng	0.00

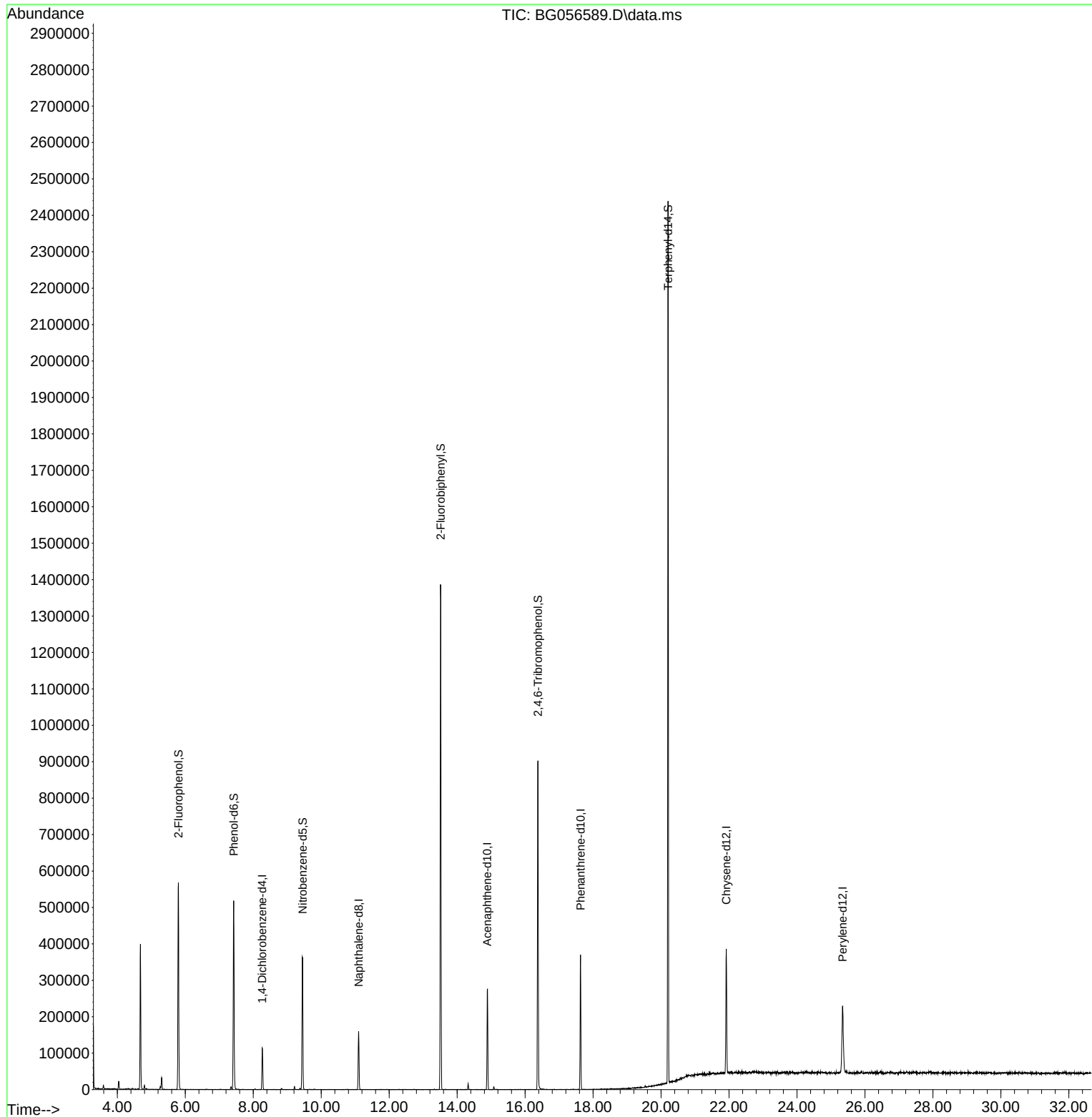
Target Compounds Qvalue

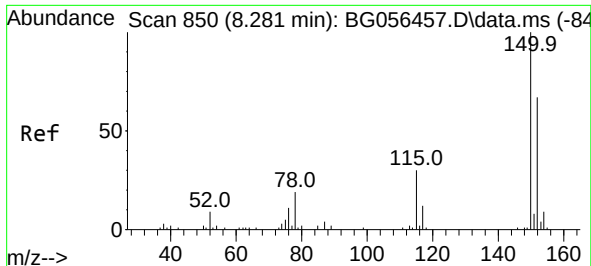
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056589.D
Acq On : 8 Feb 2023 20:00
Operator : CG/JU
Sample : 01462-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Time: Feb 09 02:08:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

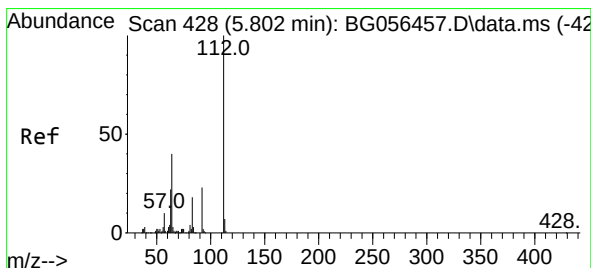
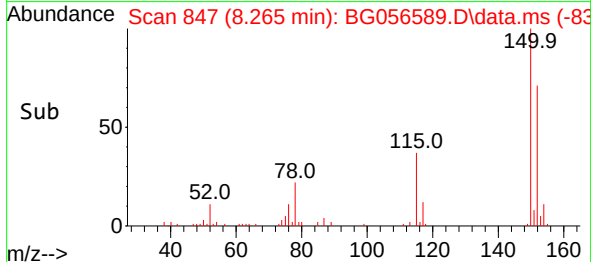
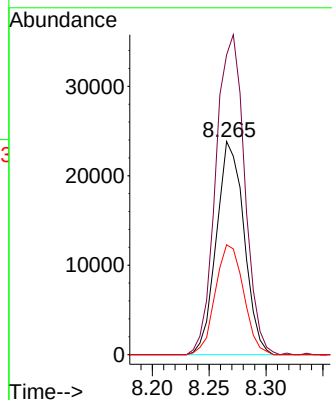
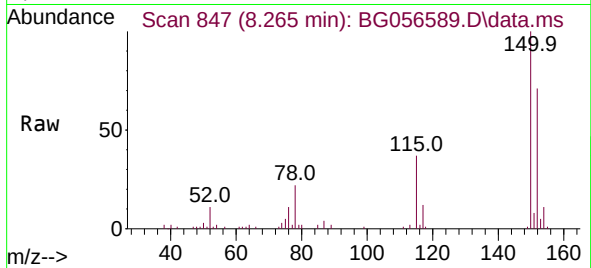




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

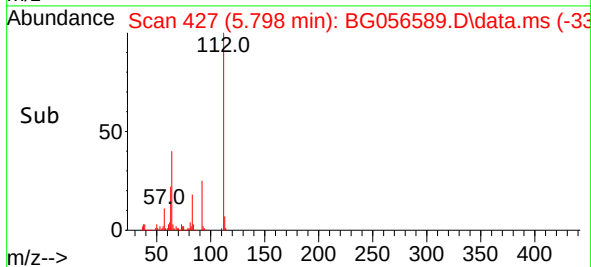
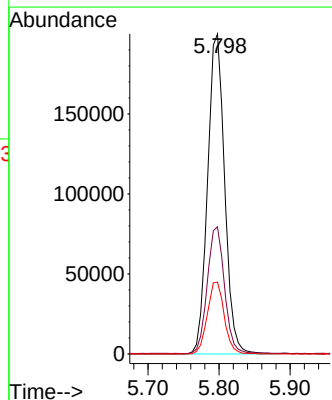
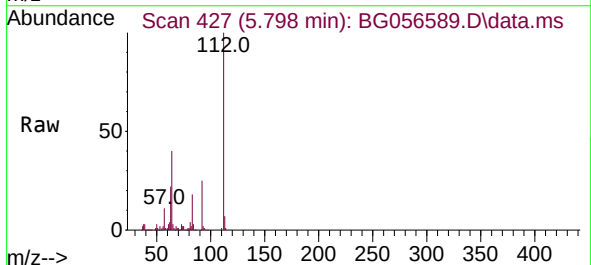
Instrument :
BNA_G
ClientSampleId :
COMP-1

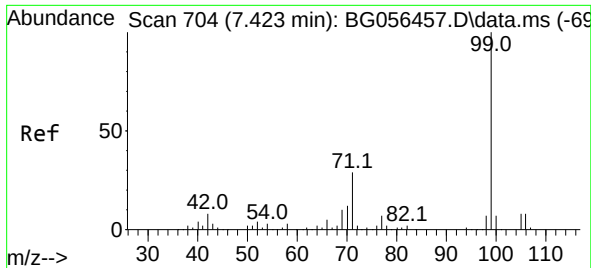
Tgt Ion:152 Resp: 40309
Ion Ratio Lower Upper
152 100
150 140.6 120.2 180.4
115 51.6 36.3 54.5



#5
2-Fluorophenol
Concen: 151.444 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:112 Resp: 331846
Ion Ratio Lower Upper
112 100
64 39.7 31.9 47.9
63 22.4 17.4 26.0

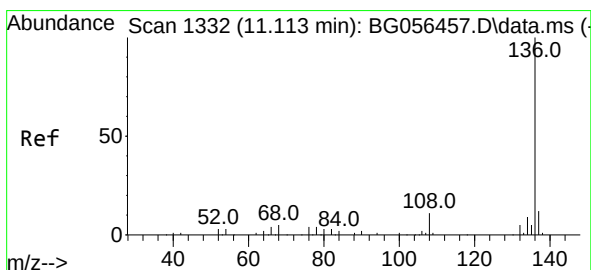
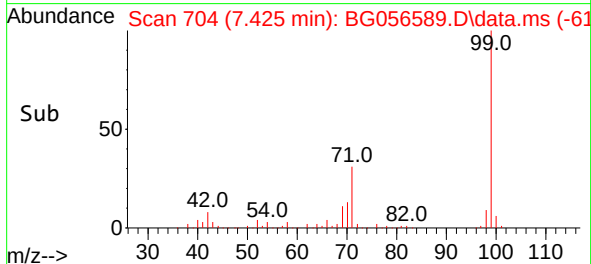
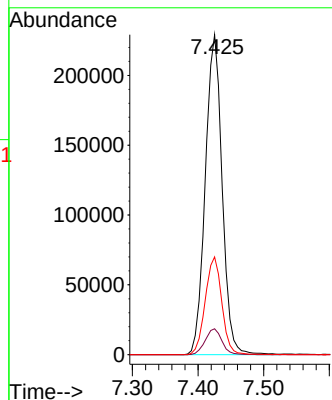
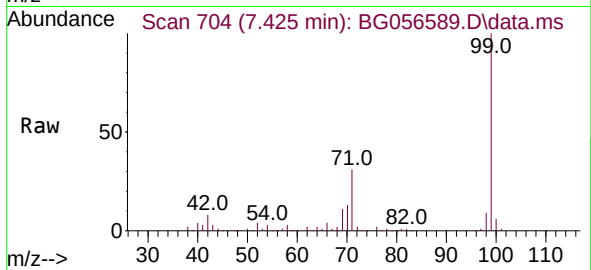




#7
Phenol-d6
Concen: 125.465 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.008 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

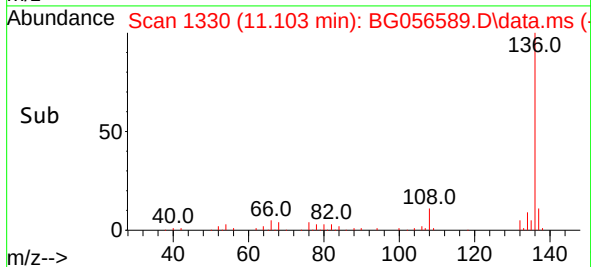
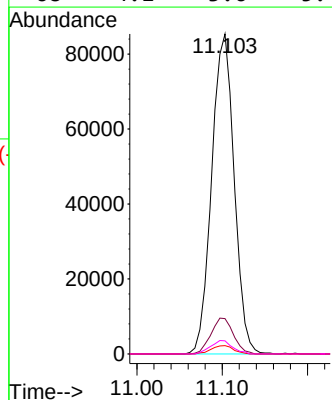
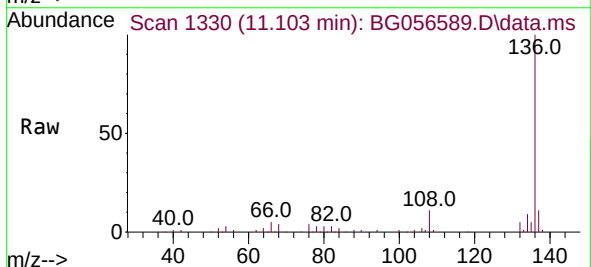
Instrument :
BNA_G
ClientSampleId :
COMP-1

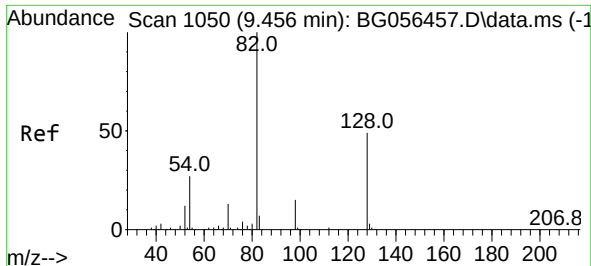
Tgt Ion: 99 Resp: 407342
Ion Ratio Lower Upper
99 100
42 8.1 6.6 10.0
71 30.5 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:136 Resp: 156251
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.6 2.2 3.4
68 4.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 93.643 ng

RT: 9.452 min Scan# 1049

Delta R.T. 0.008 min

Lab File: BG056589.D

Acq: 8 Feb 2023 20:00

Instrument :

BNA_G

ClientSampleId :

COMP-1

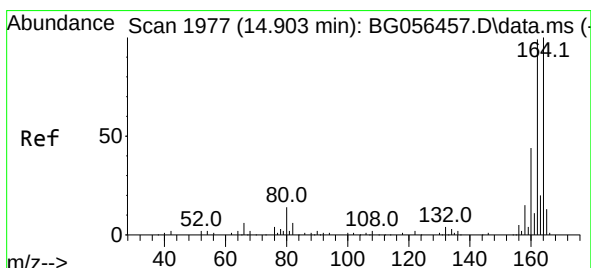
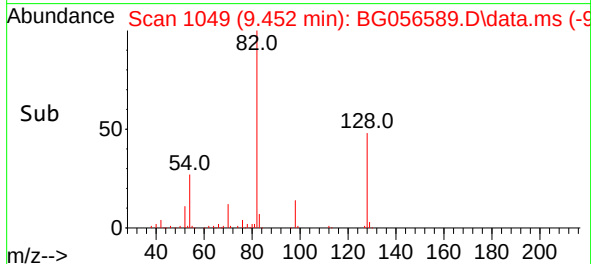
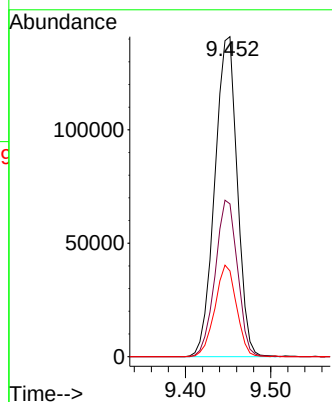
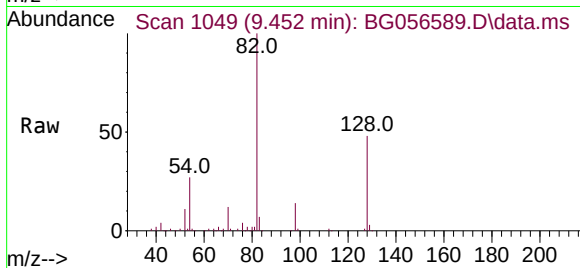
Tgt Ion: 82 Resp: 257670

Ion Ratio Lower Upper

82 100

128 47.7 39.4 59.2

54 26.8 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG056589.D

Acq: 8 Feb 2023 20:00

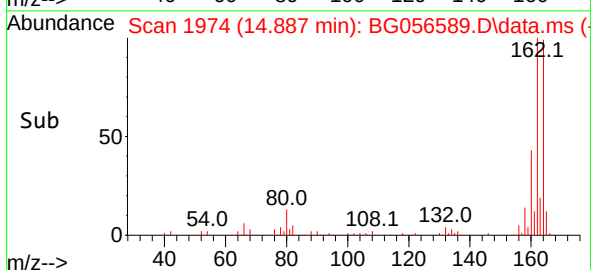
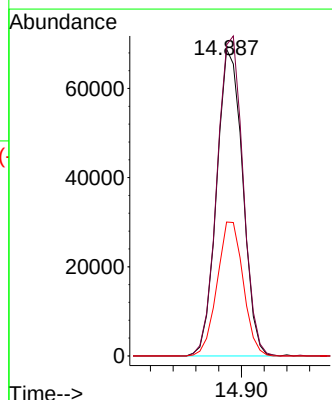
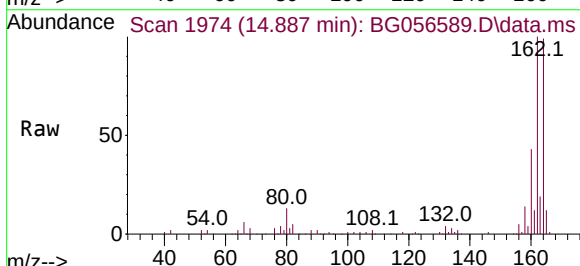
Tgt Ion:164 Resp: 109072

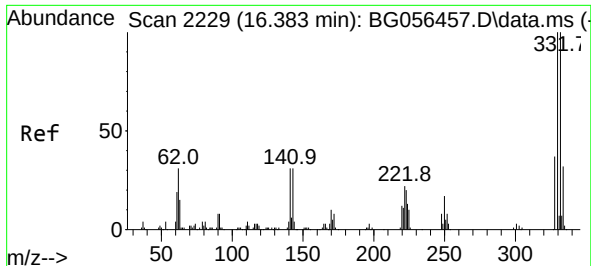
Ion Ratio Lower Upper

164 100

162 101.3 79.6 119.4

160 43.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 144.999 ng

RT: 16.379 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056589.D

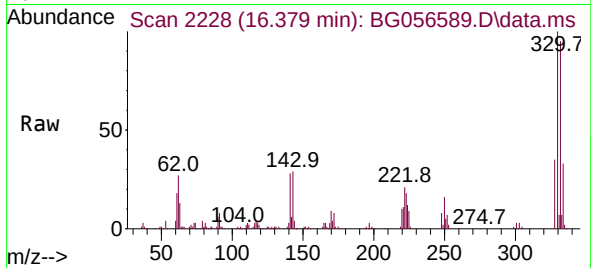
Acq: 8 Feb 2023 20:00

Instrument :

BNA_G

ClientSampleId :

COMP-1



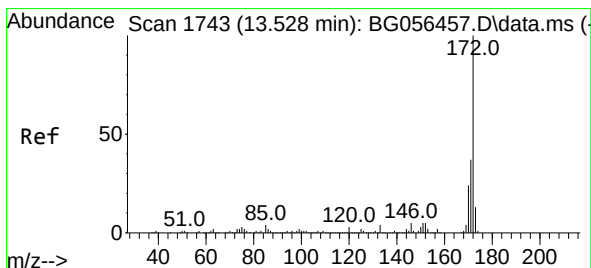
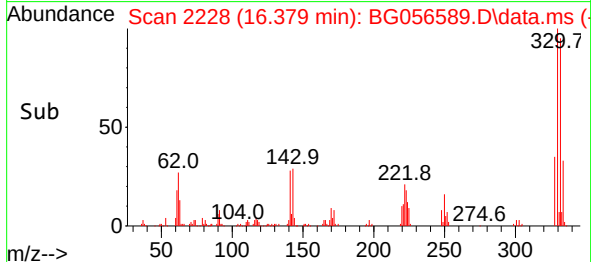
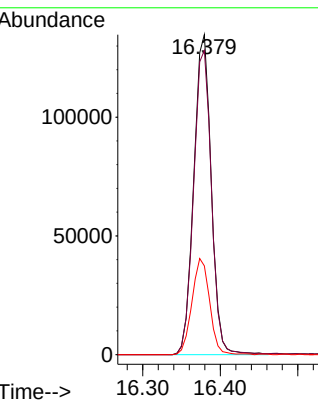
Tgt Ion:330 Resp: 210255

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.6

141 30.4 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 105.487 ng

RT: 13.512 min Scan# 1740

Delta R.T. -0.004 min

Lab File: BG056589.D

Acq: 8 Feb 2023 20:00

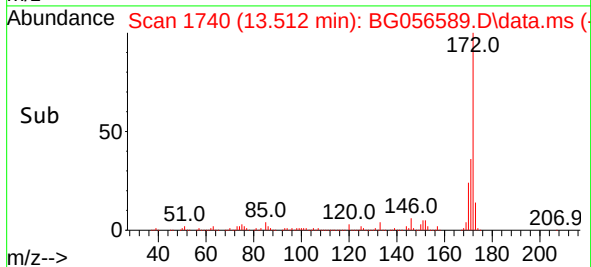
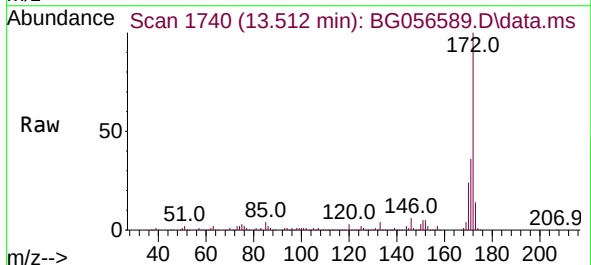
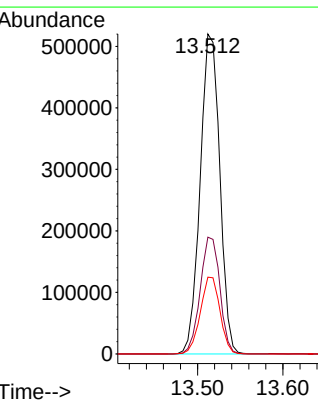
Tgt Ion:172 Resp: 829882

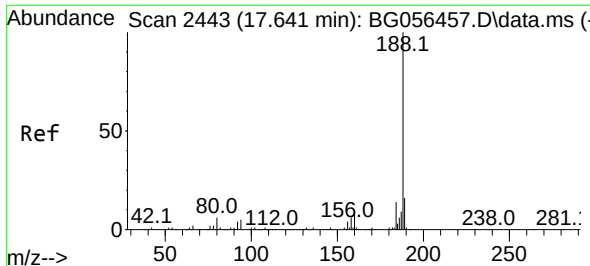
Ion Ratio Lower Upper

172 100

171 36.5 29.5 44.3

170 24.0 19.2 28.8

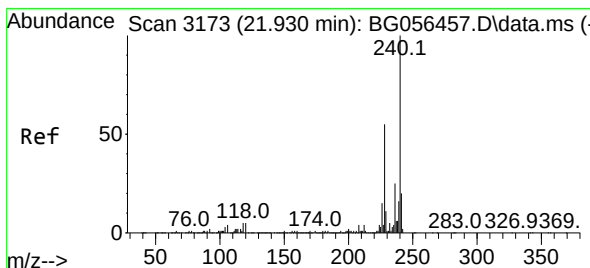
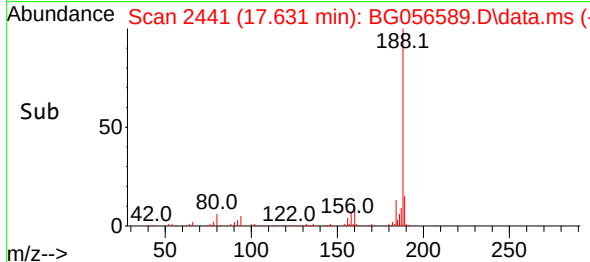
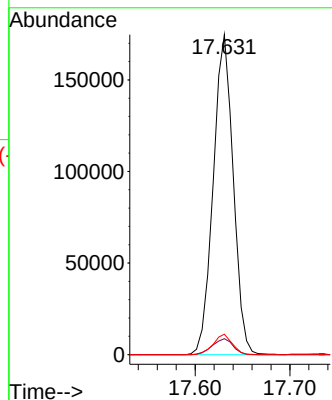
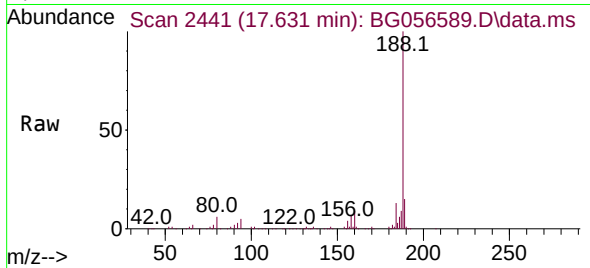




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

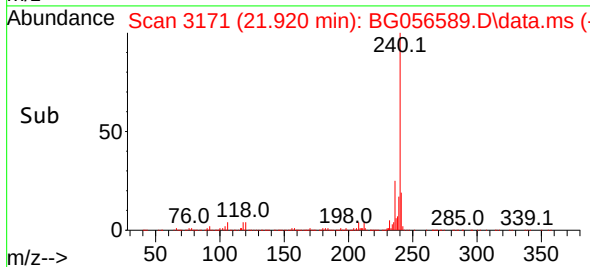
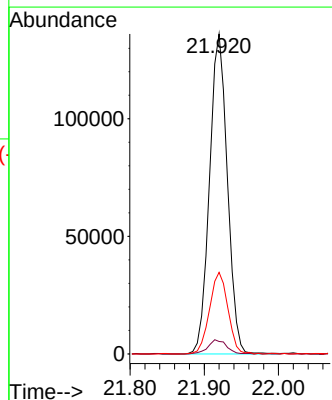
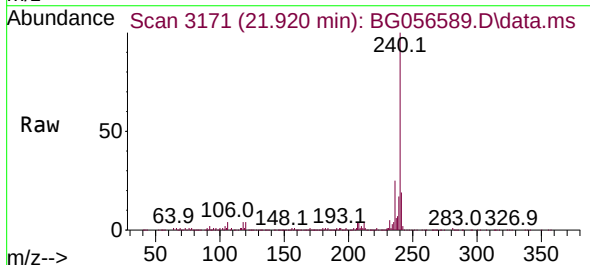
Instrument :
BNA_G
ClientSampleId :
COMP-1

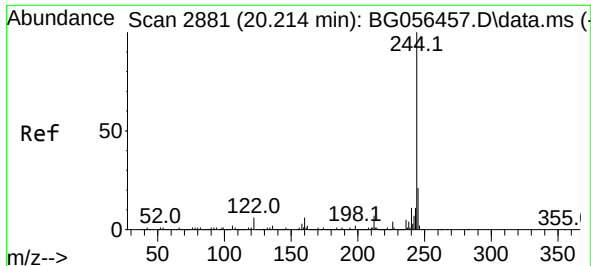
Tgt Ion:188 Resp: 255933
Ion Ratio Lower Upper
188 100
94 5.0 4.1 6.1
80 6.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG056589.D
Acq: 8 Feb 2023 20:00

Tgt Ion:240 Resp: 227463
Ion Ratio Lower Upper
240 100
120 3.9 3.8 5.8
236 25.5 20.2 30.2

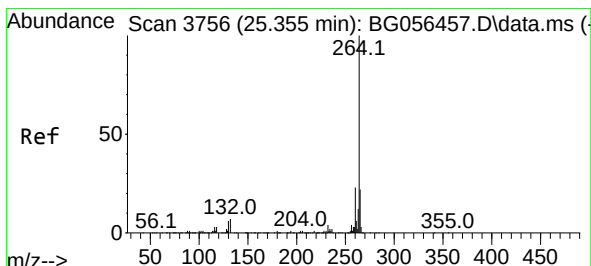
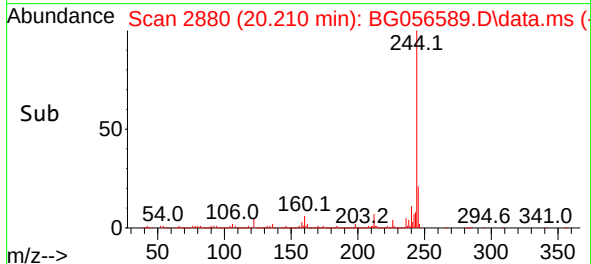
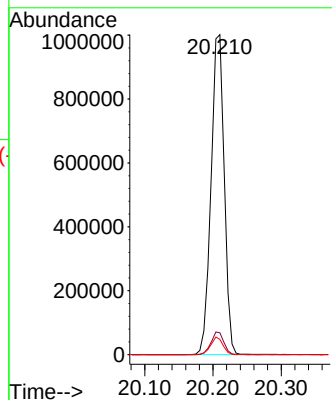
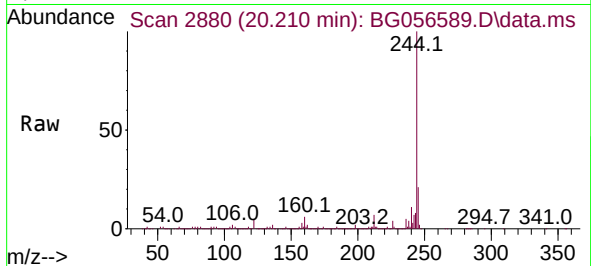




#79
 Terphenyl-d14
 Concen: 103.638 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. 0.002 min
 Lab File: BG056589.D
 Acq: 8 Feb 2023 20:00

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 1342193
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 4.8 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.345 min Scan# 3754
 Delta R.T. 0.008 min
 Lab File: BG056589.D
 Acq: 8 Feb 2023 20:00

Tgt Ion:264 Resp: 218553
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 21.4 18.1 27.1

