

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020923\
 Data File : BG056600.D
 Acq On : 9 Feb 2023 16:52
 Operator : CG/JU
 Sample : 01508-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RS-1

Quant Time: Feb 10 00:15:45 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	42276	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	151729	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	102362	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	225908	20.000	ng	0.00
76) Chrysene-d12	21.920	240	219561	20.000	ng	0.00
86) Perylene-d12	25.351	264	242290	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	218995	95.292	ng	0.00
7) Phenol-d6	7.419	99	297458	87.357	ng	0.00
23) Nitrobenzene-d5	9.440	82	159486	59.688	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	112355	82.563	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	485847	65.805	ng	-0.01
79) Terphenyl-d14	20.204	244	757698	60.612	ng	0.00

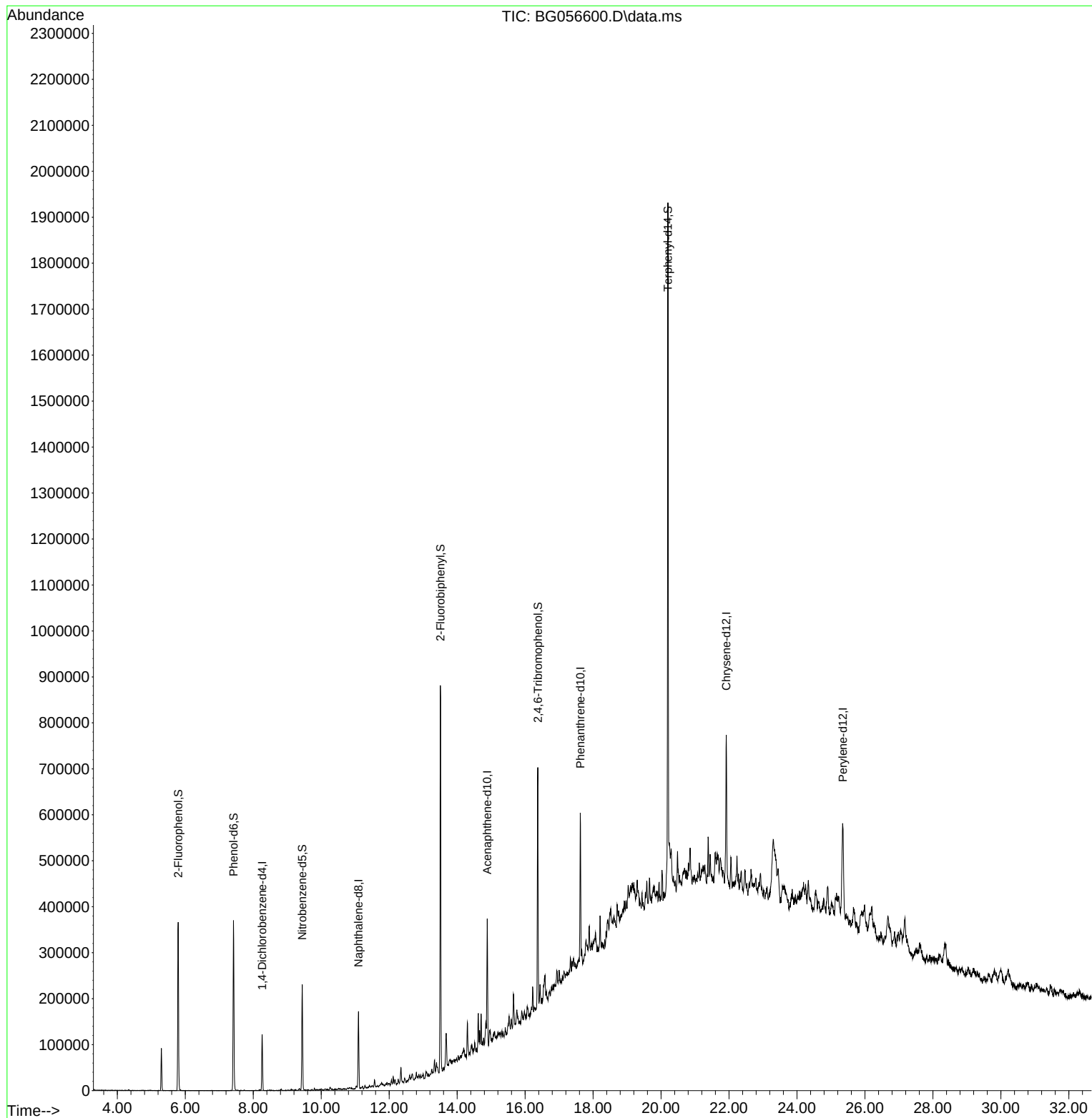
Target Compounds	Qvalue

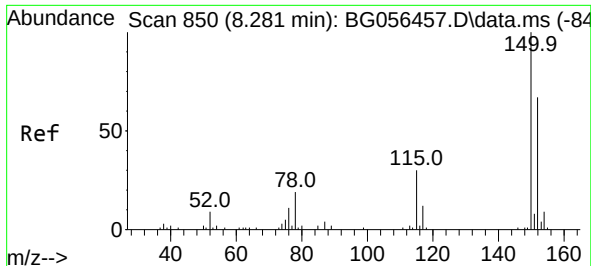
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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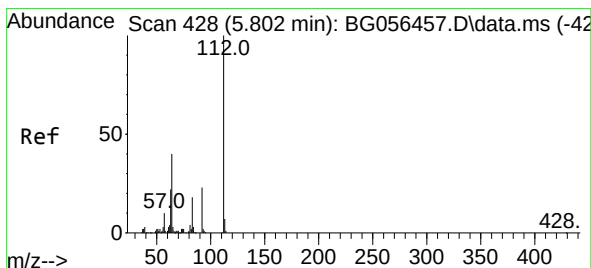
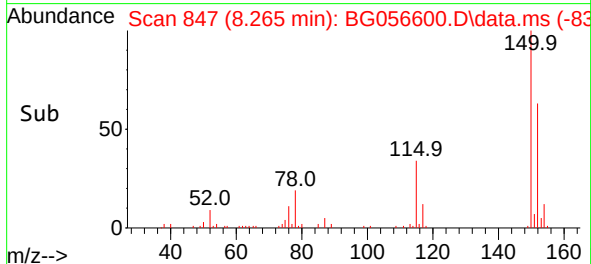
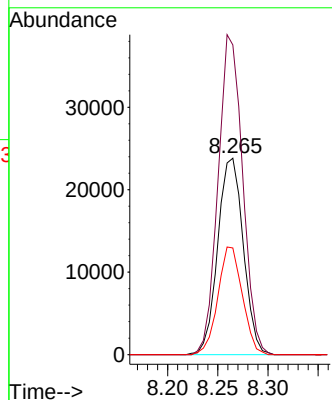
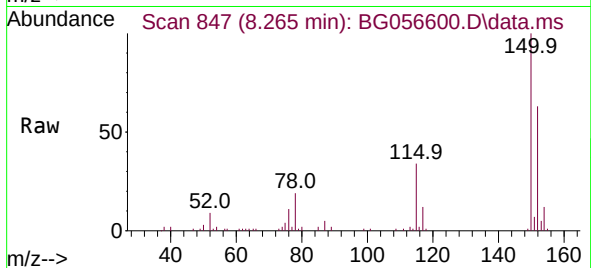




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056600.D
Acq: 9 Feb 2023 16:52

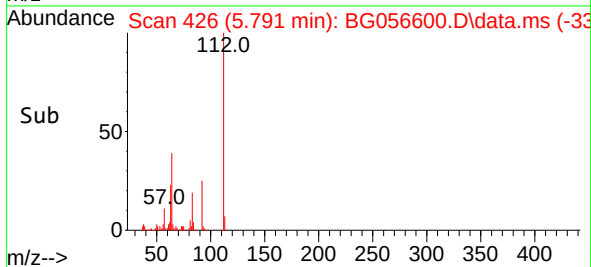
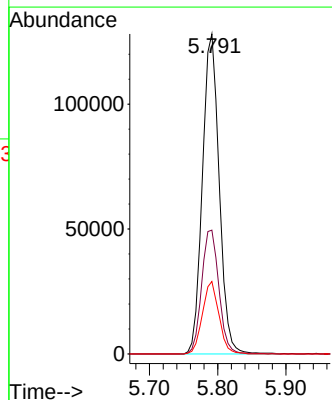
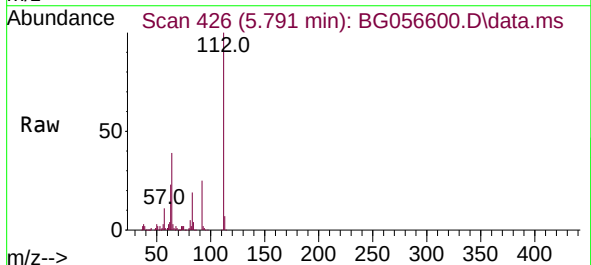
Instrument :
BNA_G
ClientSampleId :
RS-1

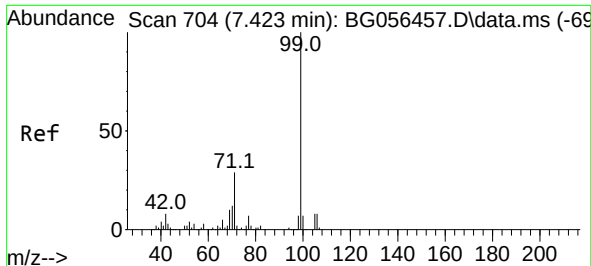
Tgt Ion:152 Resp: 42276
Ion Ratio Lower Upper
152 100
150 157.7 120.2 180.4
115 54.3 36.3 54.5



#5
2-Fluorophenol
Concen: 95.292 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.001 min
Lab File: BG056600.D
Acq: 9 Feb 2023 16:52

Tgt Ion:112 Resp: 218995
Ion Ratio Lower Upper
112 100
64 38.7 31.9 47.9
63 22.6 17.4 26.0

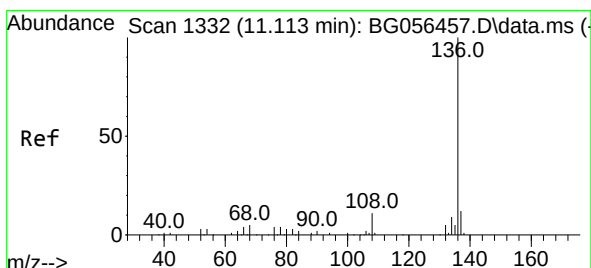
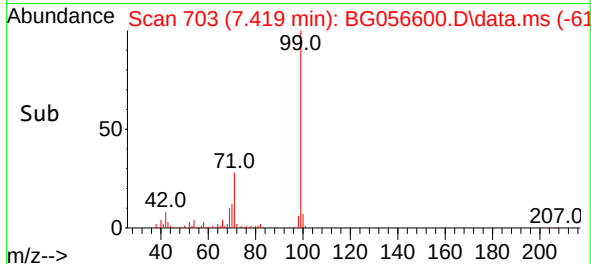
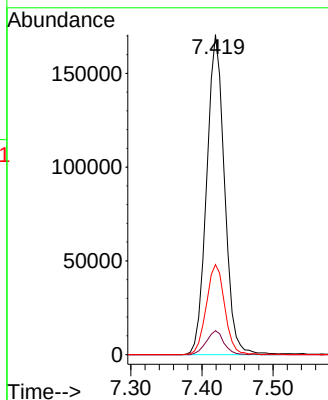
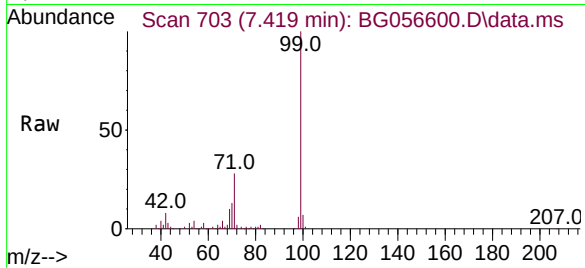




#7
Phenol-d6
Concen: 87.357 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056600.D
Acq: 9 Feb 2023 16:52

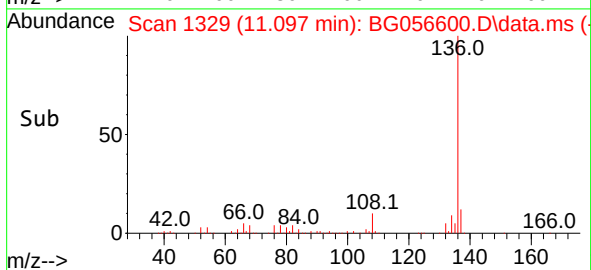
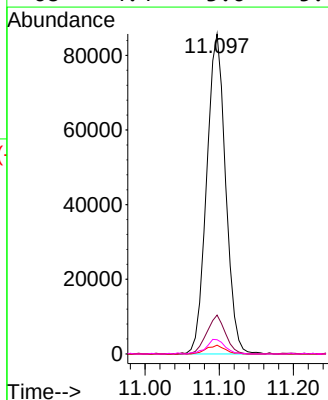
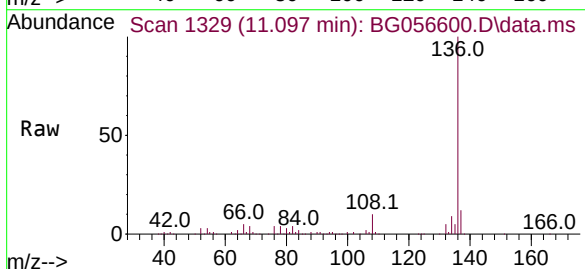
Instrument :
BNA_G
ClientSampleId :
RS-1

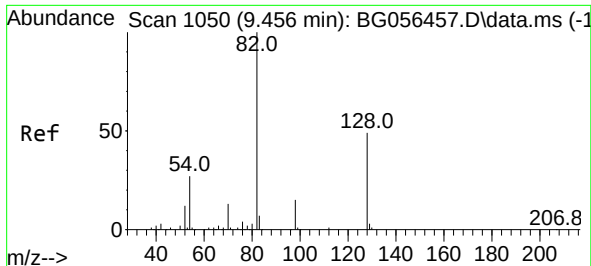
Tgt Ion: 99 Resp: 297458
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 28.1 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG056600.D
Acq: 9 Feb 2023 16:52

Tgt Ion: 136 Resp: 151729
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.0
54 2.7 2.2 3.4
68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 59.688 ng

RT: 9.440 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG056600.D

Acq: 9 Feb 2023 16:52

Instrument :

BNA_G

ClientSampleId :

RS-1

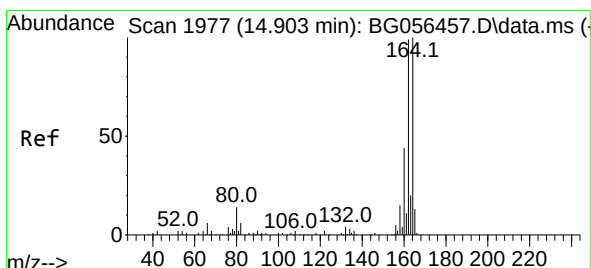
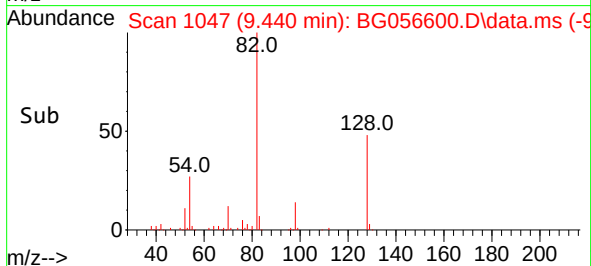
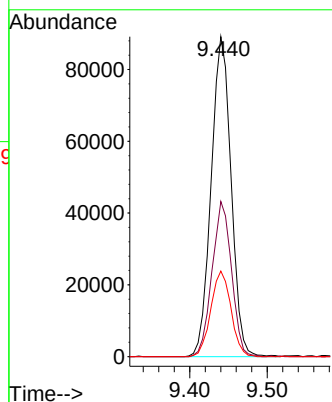
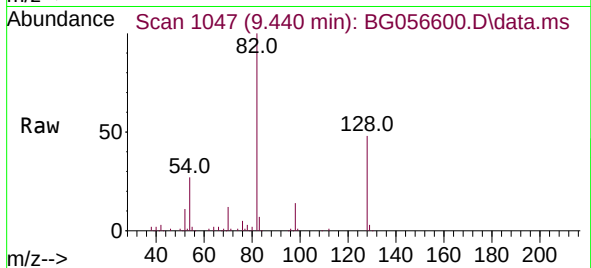
Tgt Ion: 82 Resp: 159486

Ion Ratio Lower Upper

82 100

128 48.5 39.4 59.2

54 26.7 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: BG056600.D

Acq: 9 Feb 2023 16:52

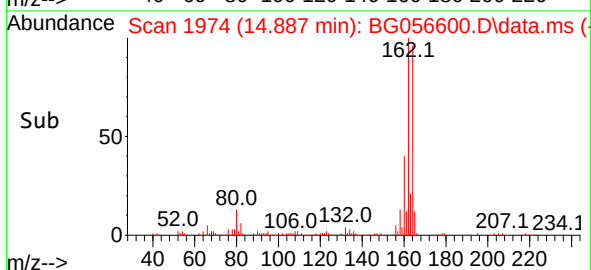
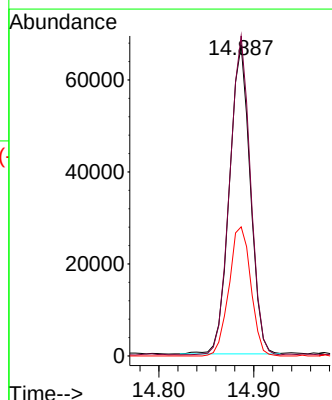
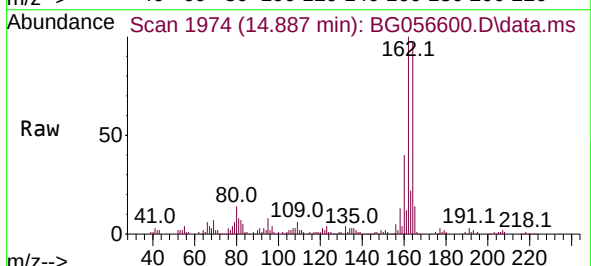
Tgt Ion: 164 Resp: 102362

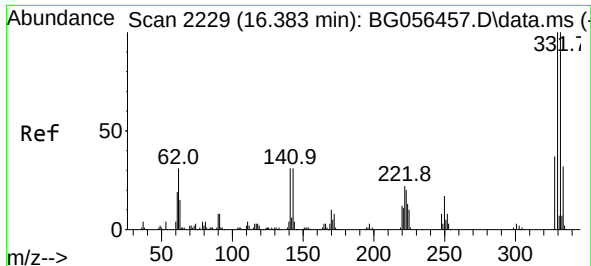
Ion Ratio Lower Upper

164 100

162 103.0 79.6 119.4

160 41.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 82.563 ng

RT: 16.373 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056600.D

Acq: 9 Feb 2023 16:52

Instrument :

BNA_G

ClientSampleId :

RS-1

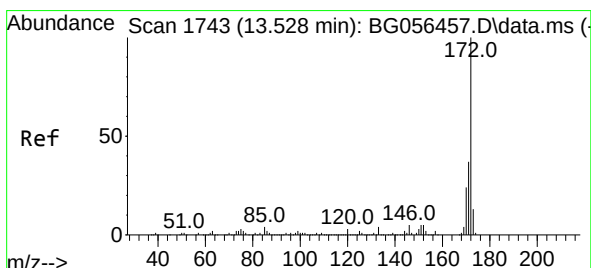
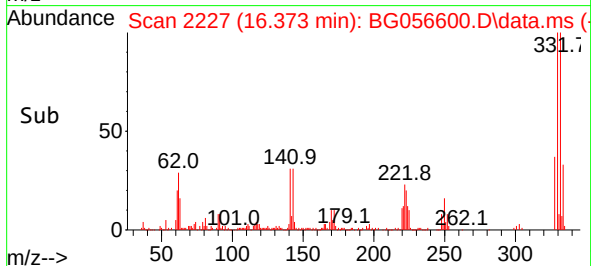
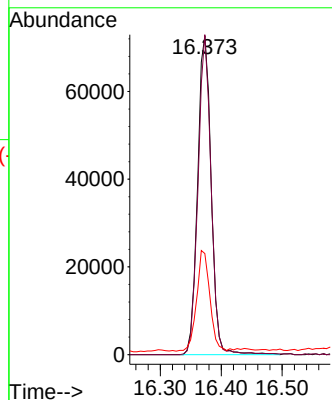
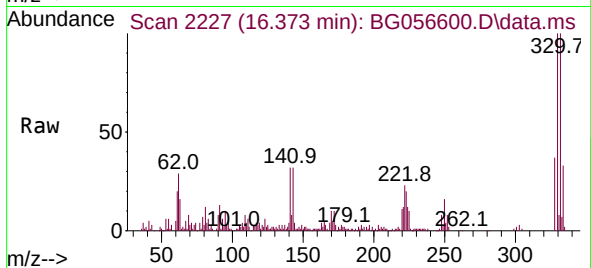
Tgt Ion:330 Resp: 112355

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.6

141 30.9 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 65.805 ng

RT: 13.506 min Scan# 1739

Delta R.T. -0.010 min

Lab File: BG056600.D

Acq: 9 Feb 2023 16:52

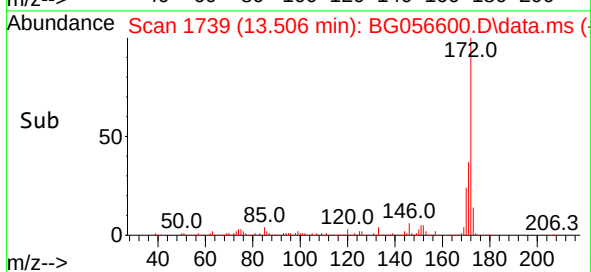
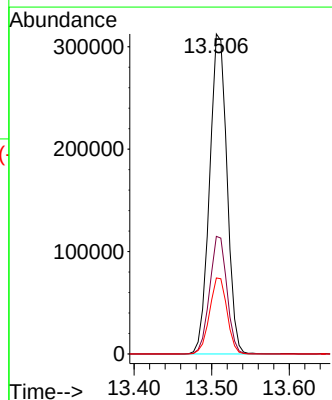
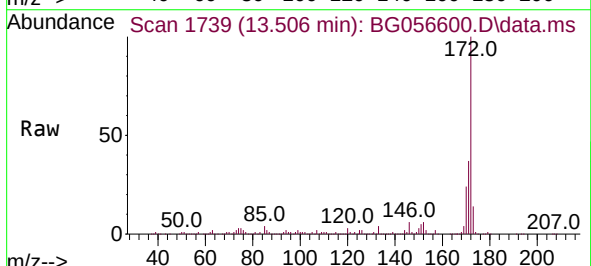
Tgt Ion:172 Resp: 485847

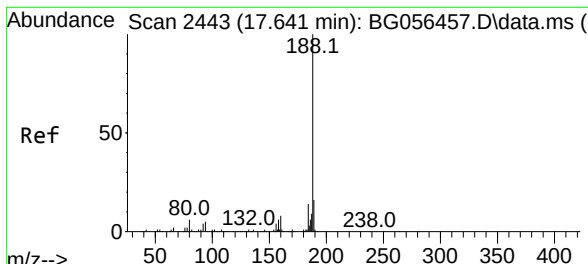
Ion Ratio Lower Upper

172 100

171 36.7 29.5 44.3

170 23.7 19.2 28.8

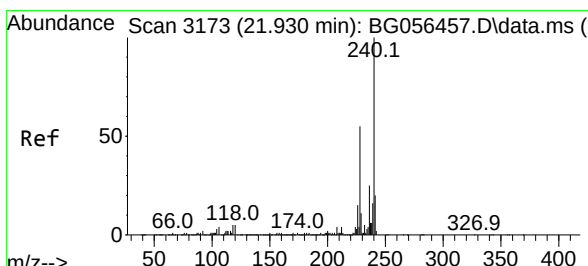
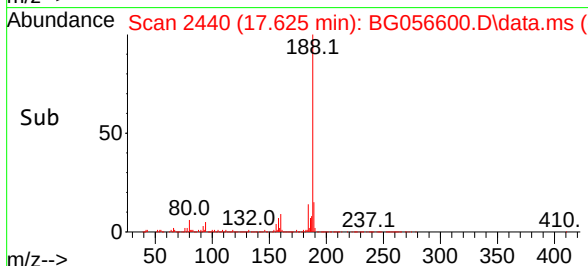
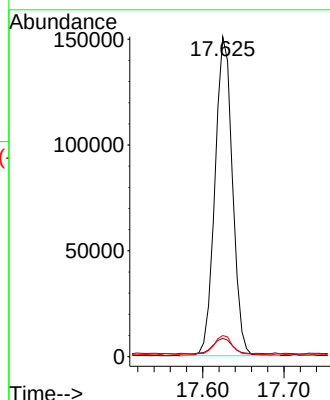
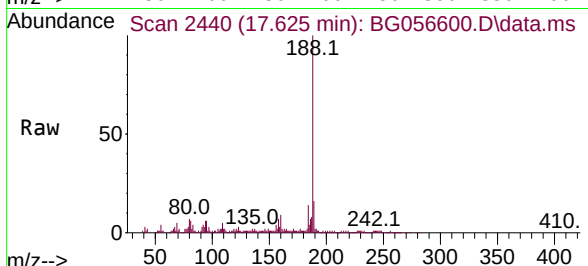




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG056600.D
Acq: 9 Feb 2023 16:52

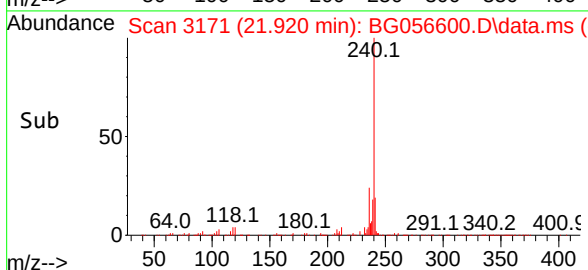
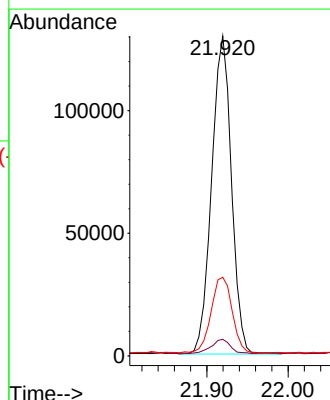
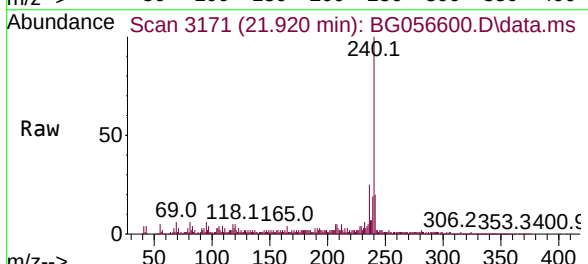
Instrument :
BNA_G
ClientSampleId :
RS-1

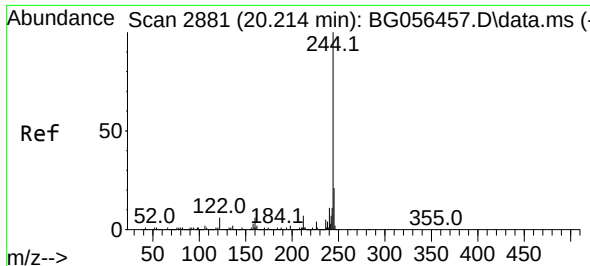
Tgt Ion:188 Resp: 225908
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 6.6 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG056600.D
Acq: 9 Feb 2023 16:52

Tgt Ion:240 Resp: 219561
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.8
236 24.6 20.2 30.2





#79

Terphenyl-d14

Concen: 60.612 ng

RT: 20.204 min Scan# 2881

Delta R.T. -0.004 min

Lab File: BG056600.D

Acq: 9 Feb 2023 16:52

Instrument :

BNA_G

ClientSampleId :

RS-1

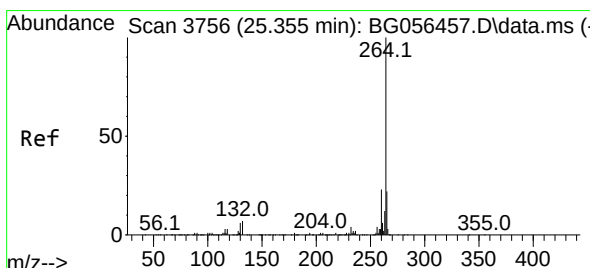
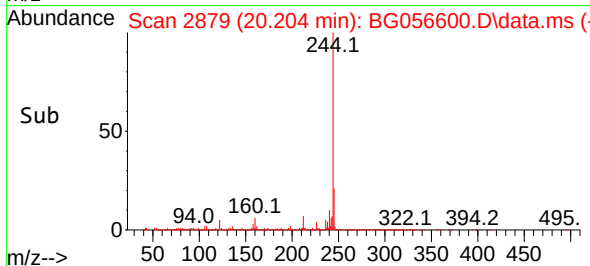
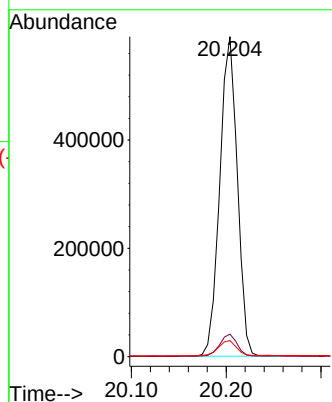
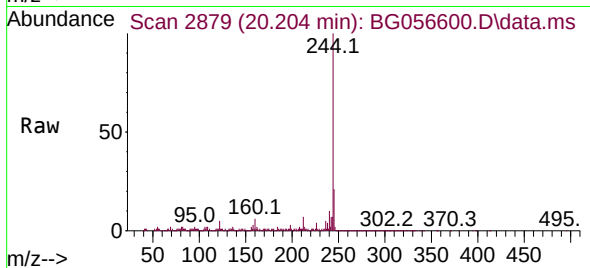
Tgt Ion:244 Resp: 757698

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 5.0 4.4 6.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.351 min Scan# 3755

Delta R.T. 0.013 min

Lab File: BG056600.D

Acq: 9 Feb 2023 16:52

Tgt Ion:264 Resp: 242290

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 23.7 18.1 27.1

