

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056306.D
 Acq On : 16 Jan 2023 21:35
 Operator : CG/JU
 Sample : 01132-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 17 05:27:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	48398	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	180765	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	137219	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	341284	20.000	ng	0.00
76) Chrysene-d12	21.954	240	322109	20.000	ng	# 0.00
86) Perylene-d12	25.403	264	352879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	320817	118.356	ng	0.00
7) Phenol-d6	7.448	99	447096	107.404	ng	0.00
23) Nitrobenzene-d5	9.487	82	231774	65.586	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	173308	99.725	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	691360	69.575	ng	0.00
79) Terphenyl-d14	20.239	244	1195752	66.488	ng	0.00

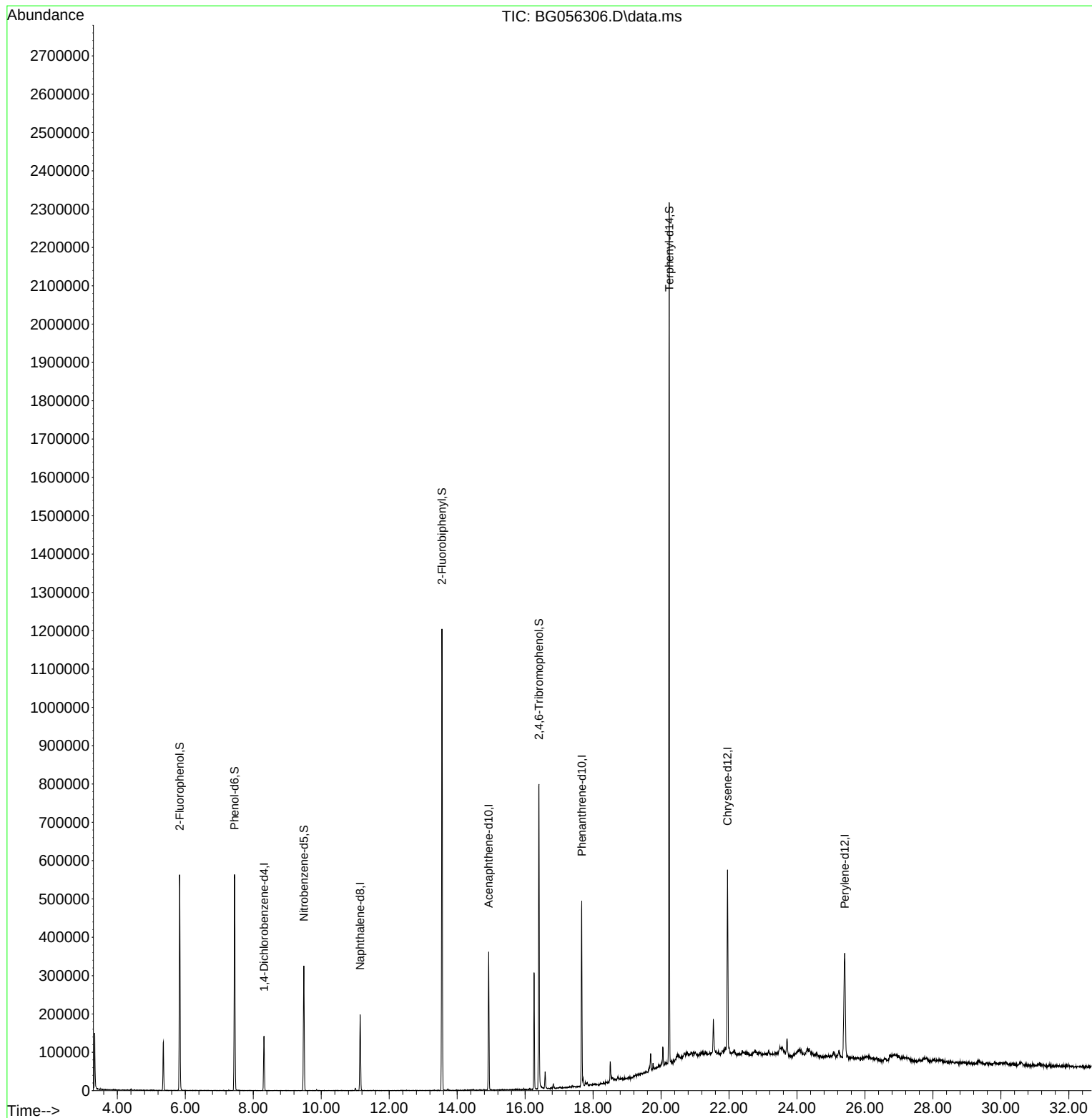
Target Compounds	Qvalue
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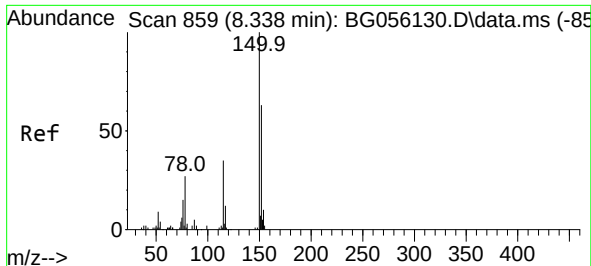
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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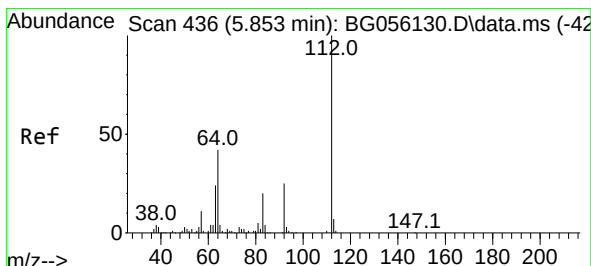
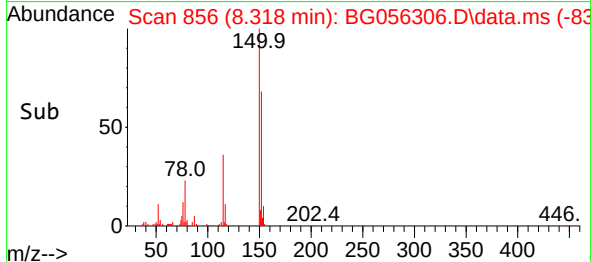
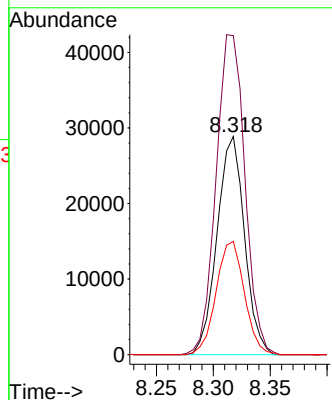
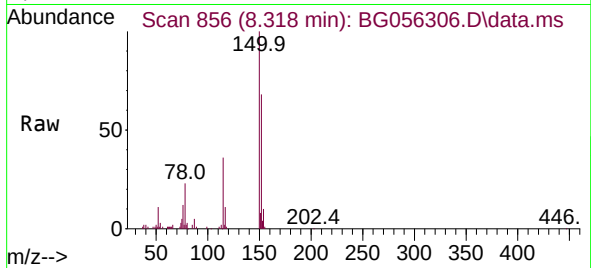




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056306.D
Acq: 16 Jan 2023 21:35

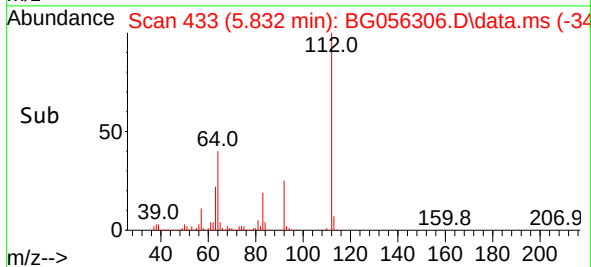
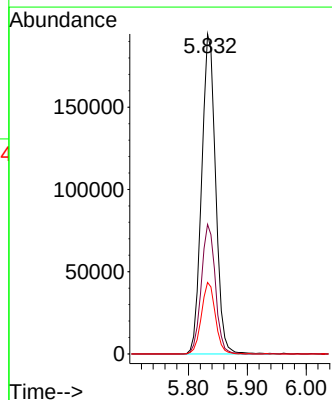
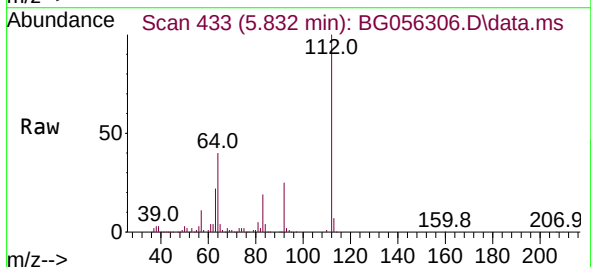
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

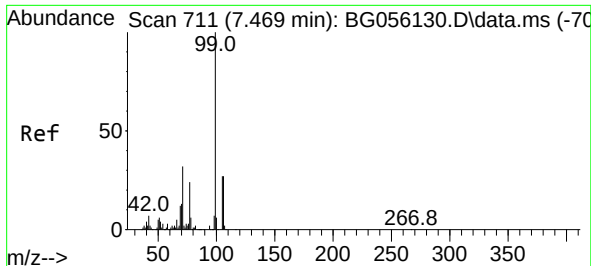
Tgt Ion:152 Resp: 48398
Ion Ratio Lower Upper
152 100
150 146.2 127.9 191.9
115 51.9 44.2 66.2



#5
2-Fluorophenol
Concen: 118.356 ng
RT: 5.832 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056306.D
Acq: 16 Jan 2023 21:35

Tgt Ion:112 Resp: 320817
Ion Ratio Lower Upper
112 100
64 40.5 33.3 49.9
63 22.3 19.0 28.4

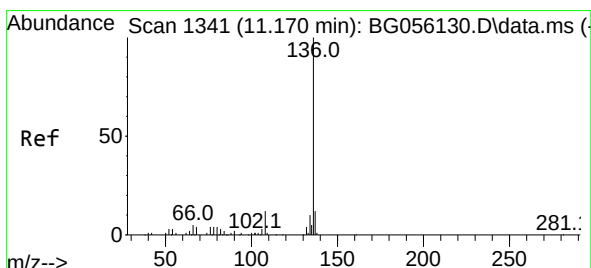
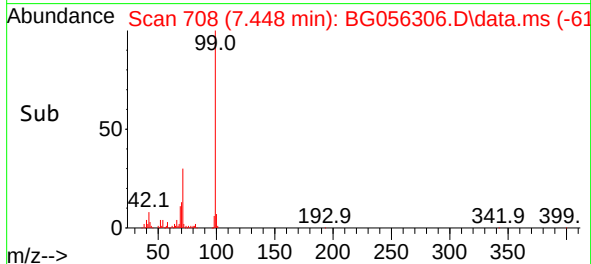
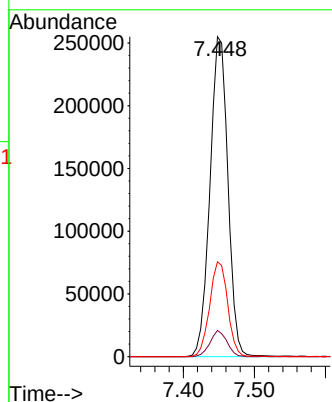
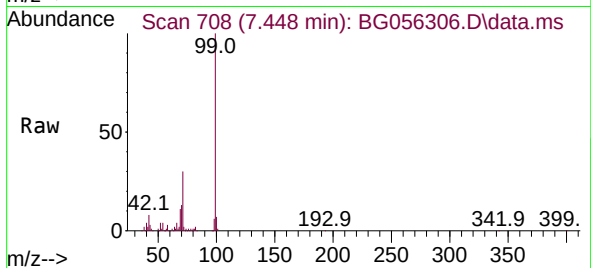




#7
Phenol-d6
Concen: 107.404 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056306.D
Acq: 16 Jan 2023 21:35

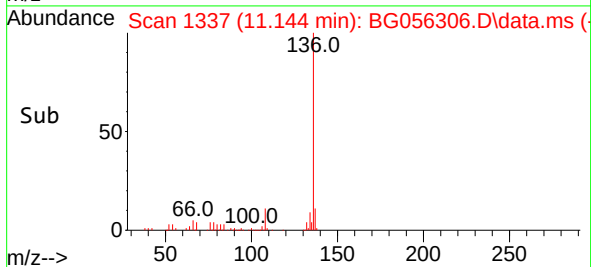
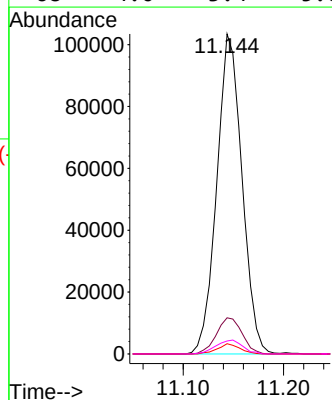
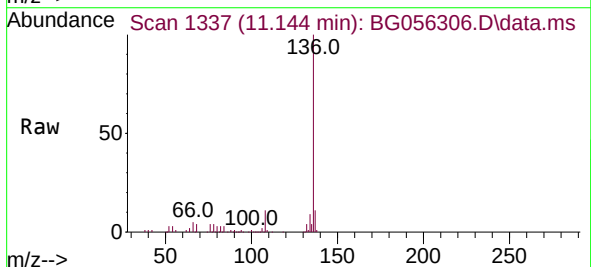
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

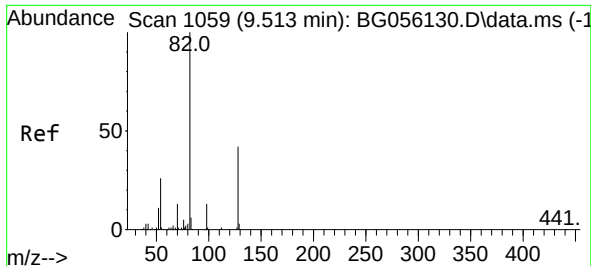
Tgt Ion: 99 Resp: 447096
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 29.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG056306.D
Acq: 16 Jan 2023 21:35

Tgt Ion: 136 Resp: 180765
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 3.2 2.2 3.2
68 4.0 3.4 5.0





#23

Nitrobenzene-d5

Concen: 65.586 ng

RT: 9.487 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1

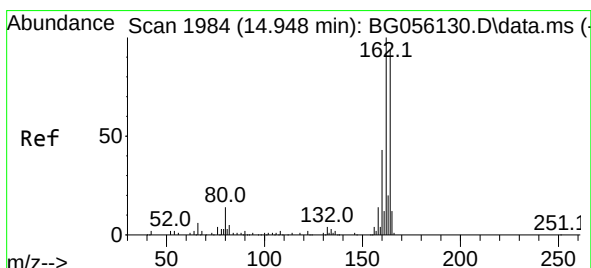
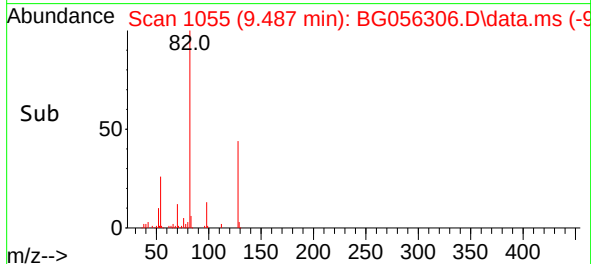
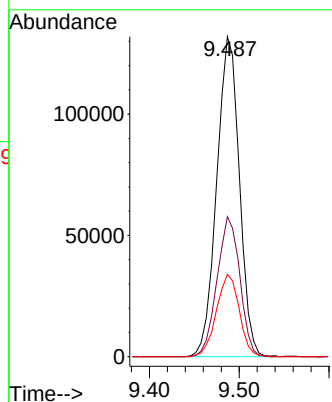
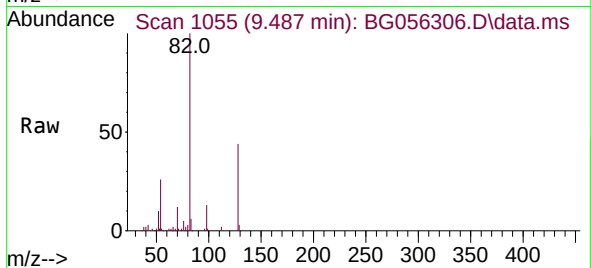
Tgt Ion: 82 Resp: 231774

Ion Ratio Lower Upper

82 100

128 43.7 33.4 50.2

54 25.7 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

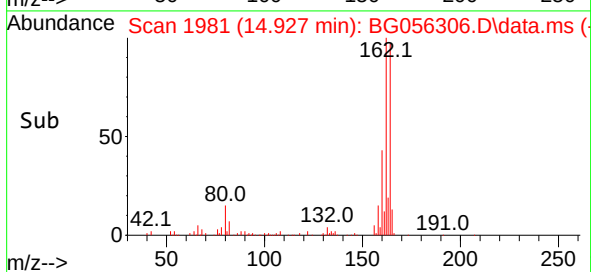
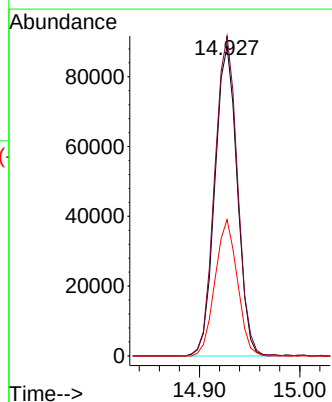
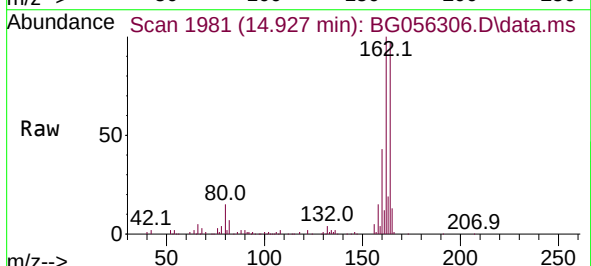
Tgt Ion:164 Resp: 137219

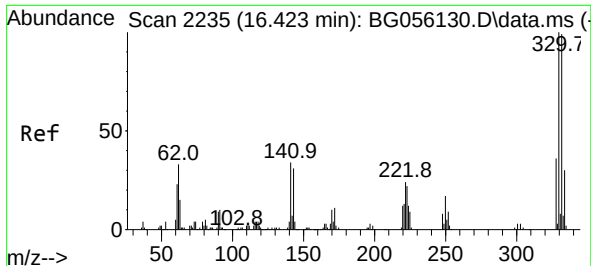
Ion Ratio Lower Upper

164 100

162 103.3 84.7 127.1

160 44.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 99.725 ng

RT: 16.408 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056306.D

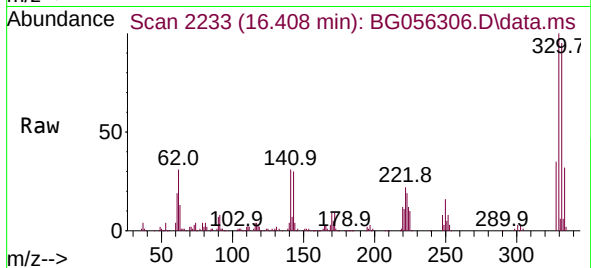
Acq: 16 Jan 2023 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1



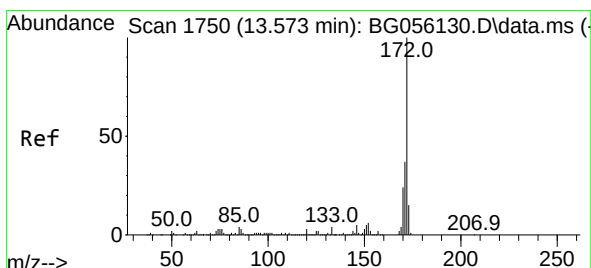
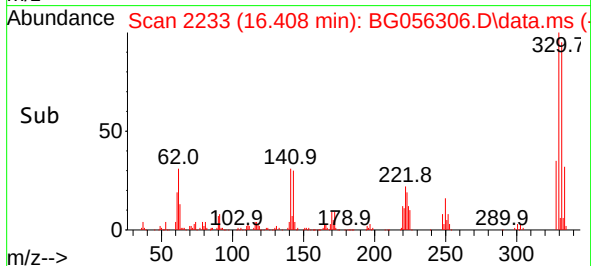
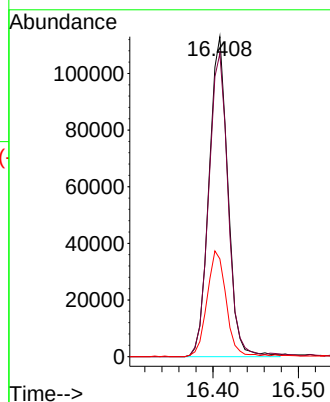
Tgt Ion:330 Resp: 173308

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 33.6 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 69.575 ng

RT: 13.553 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

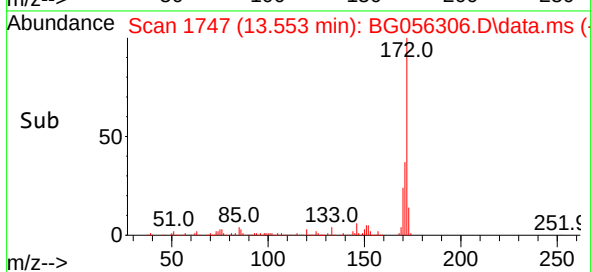
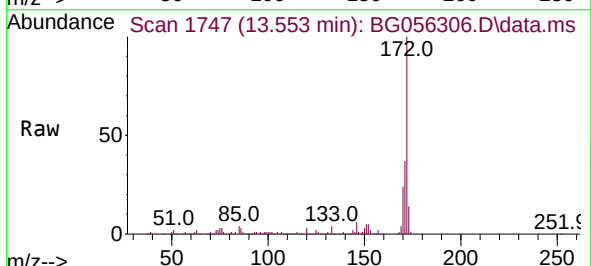
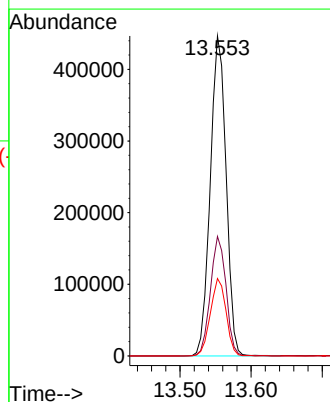
Tgt Ion:172 Resp: 691360

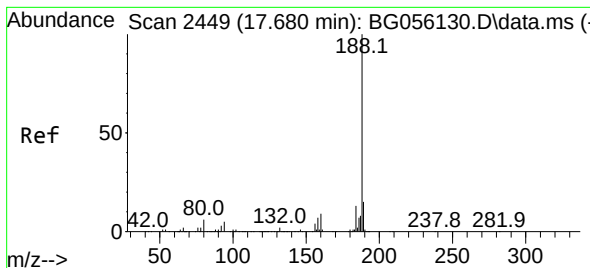
Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

170 24.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.001 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1

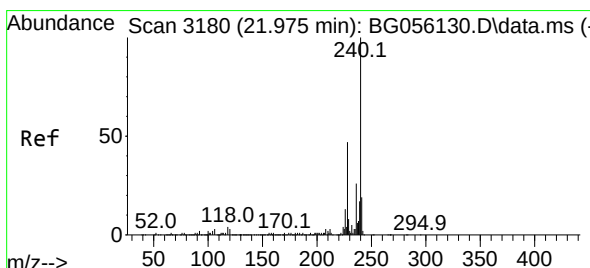
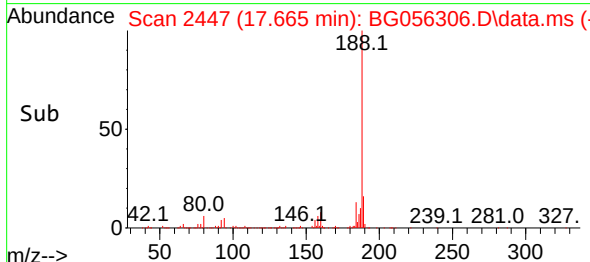
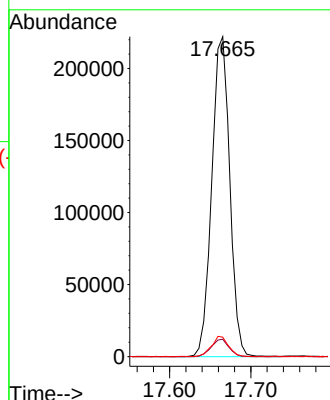
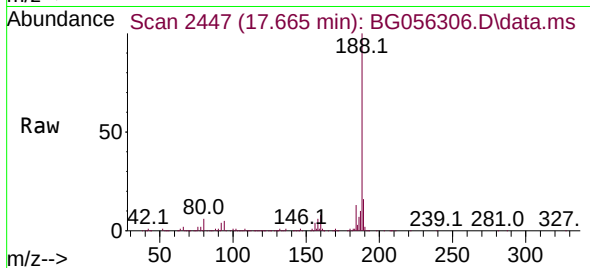
Tgt Ion:188 Resp: 341284

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 6.1 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.954 min Scan# 3177

Delta R.T. -0.005 min

Lab File: BG056306.D

Acq: 16 Jan 2023 21:35

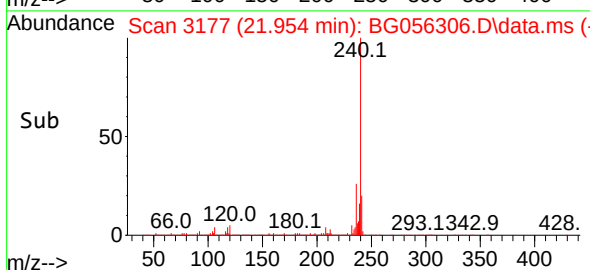
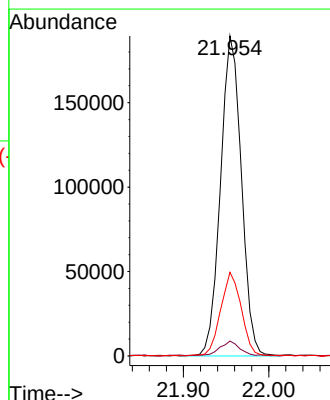
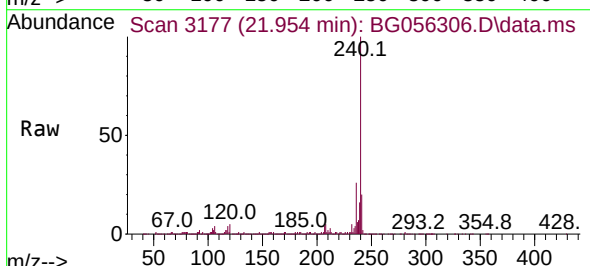
Tgt Ion:240 Resp: 322109

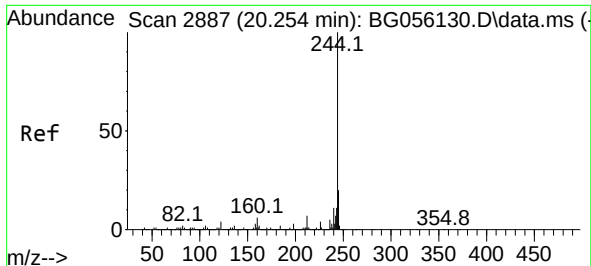
Ion Ratio Lower Upper

240 100

120 4.6 2.6 4.0#

236 26.1 20.8 31.2

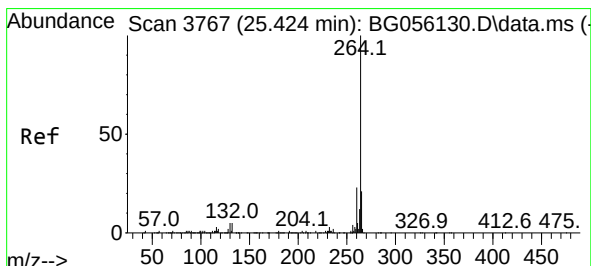
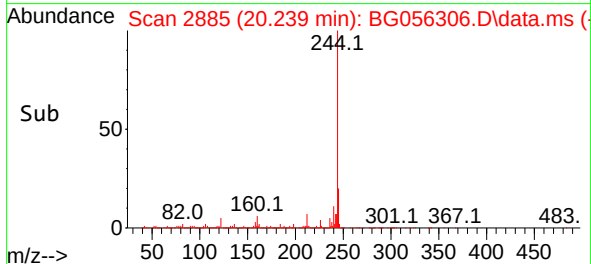
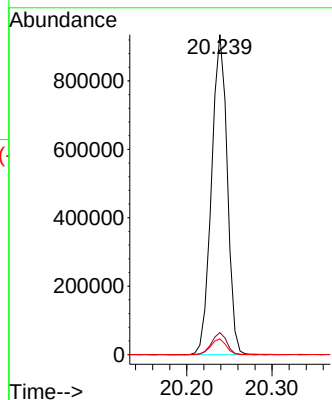
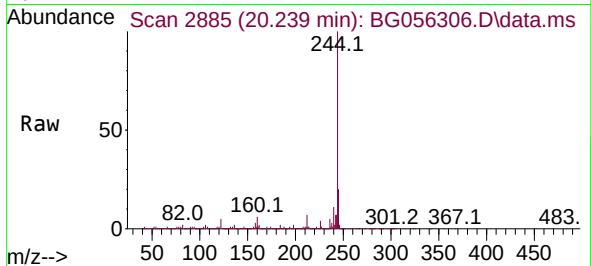




#79
 Terphenyl-d14
 Concen: 66.488 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056306.D
 Acq: 16 Jan 2023 21:35

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 1195752
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 3764
 Delta R.T. 0.001 min
 Lab File: BG056306.D
 Acq: 16 Jan 2023 21:35

Tgt Ion:264 Resp: 352879
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.9 16.7 25.1

