

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056281.D
 Acq On : 13 Jan 2023 17:15
 Operator : CG/JU
 Sample : 01125-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2023-1-11

Quant Time: Jan 16 00:23:28 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)

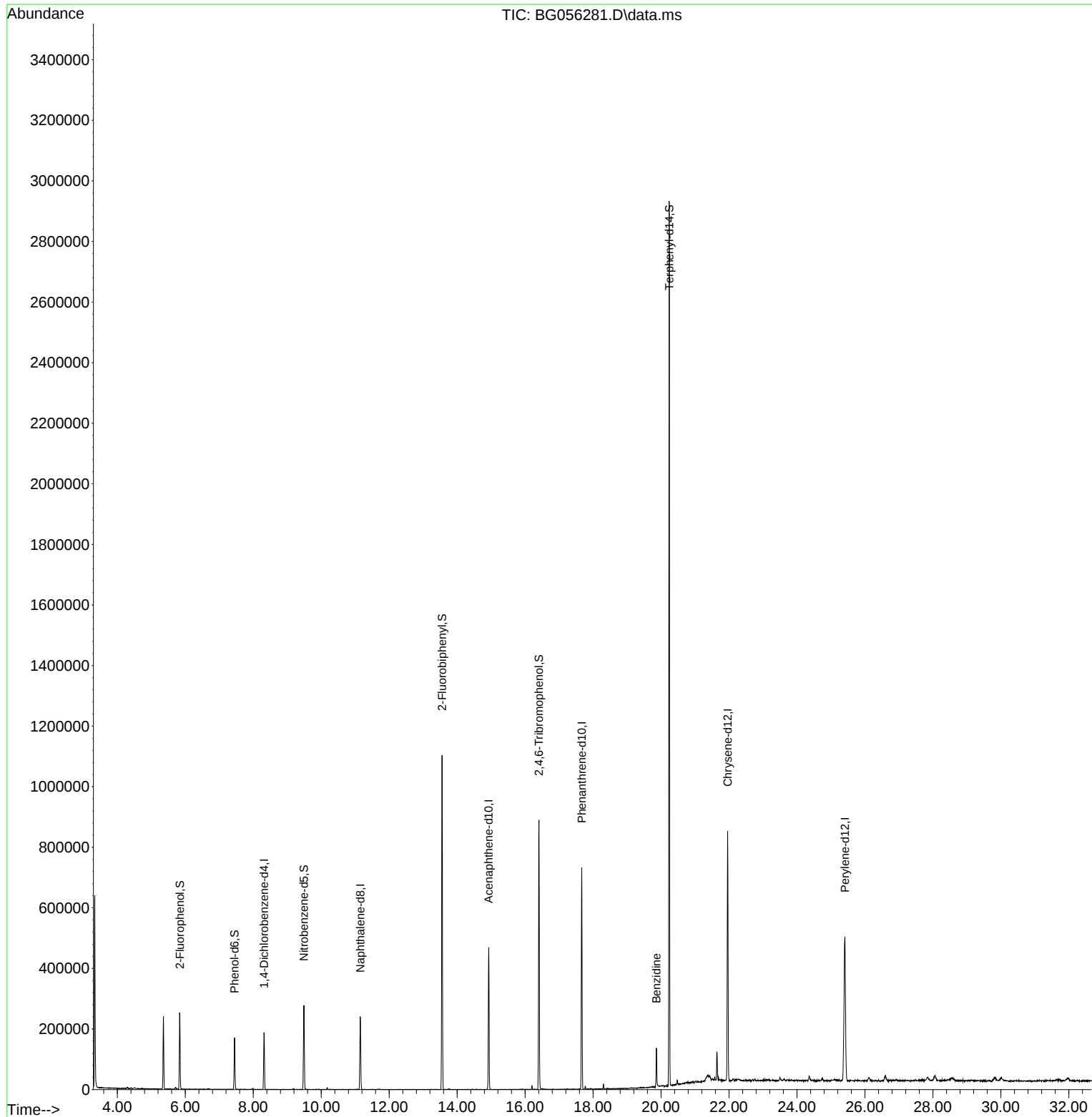
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	63039	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	225137	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	183674	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	519370	20.000	ng	0.00
76) Chrysene-d12	21.961	240	559034	20.000	ng	# 0.00
86) Perylene-d12	25.410	264	598432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	138289	39.169	ng	0.01
7) Phenol-d6	7.448	99	128791	23.753	ng	0.00
23) Nitrobenzene-d5	9.493	82	202458	45.999	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	184727	79.411	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	649522	48.832	ng	0.00
79) Terphenyl-d14	20.239	244	1595817	51.127	ng	0.00
Target Compounds						
77) Benzdine	19.863	184	89640	4.576	ng	Qvalue 97

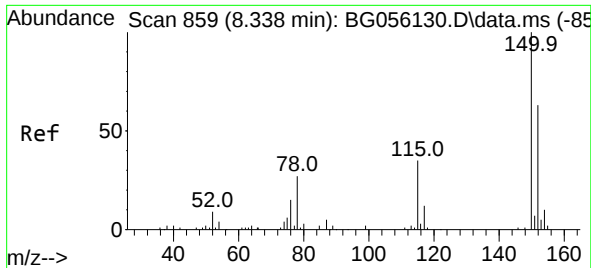
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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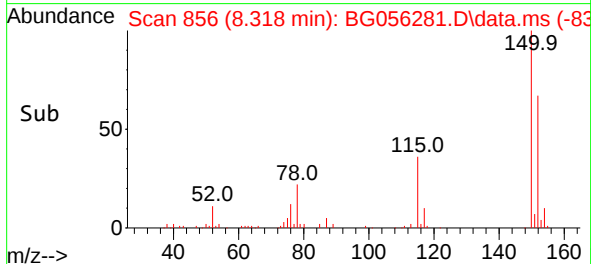
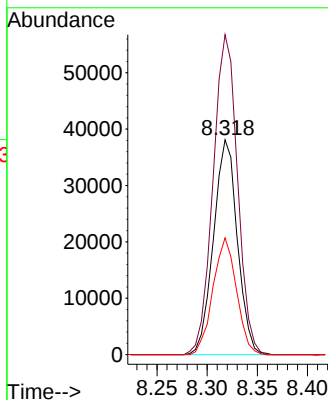
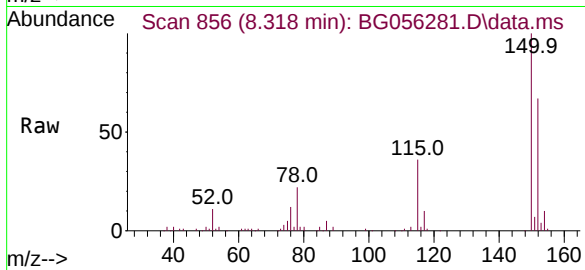




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

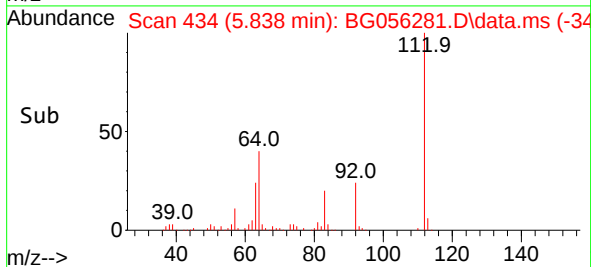
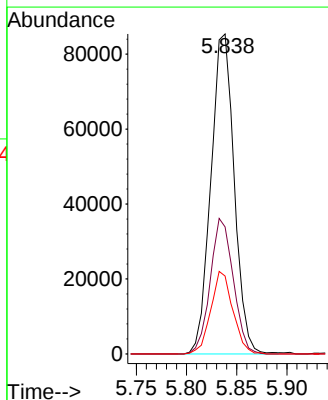
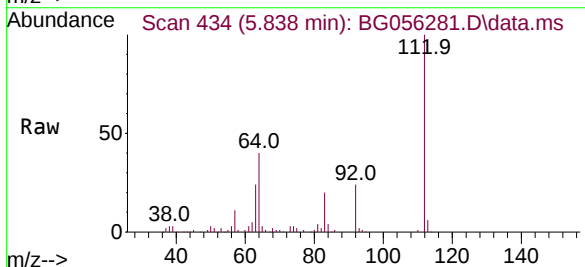
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

Tgt Ion:152 Resp: 63039
Ion Ratio Lower Upper
152 100
150 149.0 127.9 191.9
115 54.4 44.2 66.2



#5
2-Fluorophenol
Concen: 39.169 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:112 Resp: 138289
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 24.4 19.0 28.4

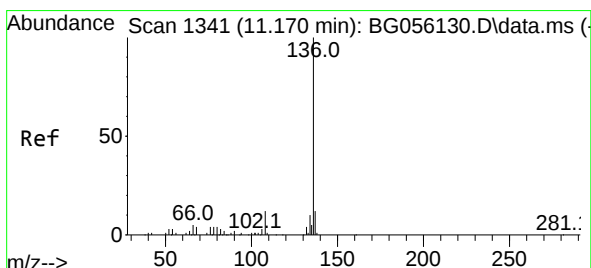
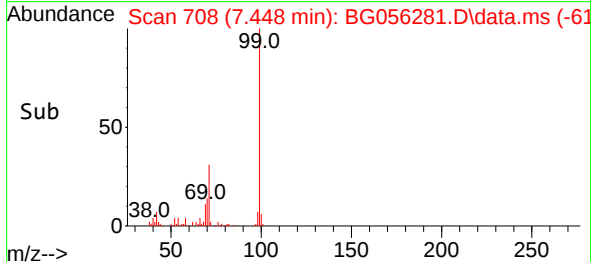
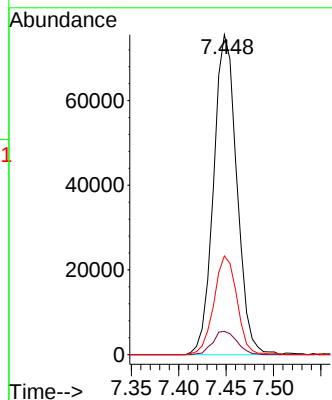
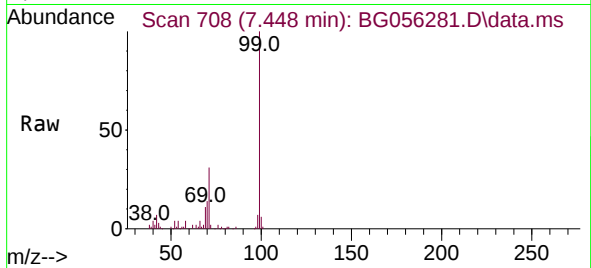




#7
Phenol-d6
Concen: 23.753 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

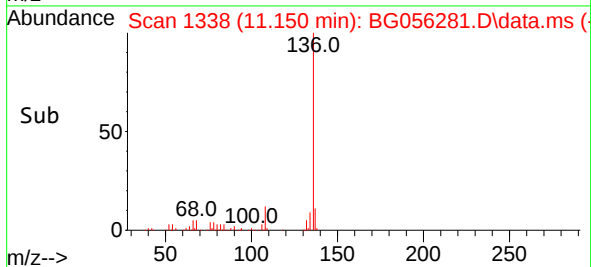
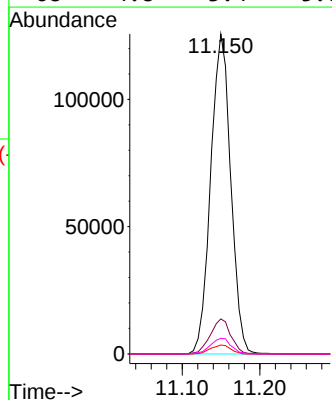
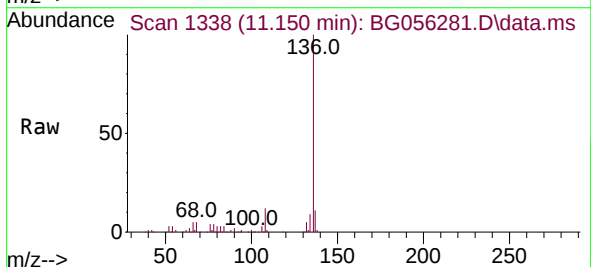
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

Tgt Ion: 99 Resp: 128791
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.8 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion: 136 Resp: 225137
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.8 2.2 3.2
68 4.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 45.999 ng

RT: 9.493 min Scan# 1056

Delta R.T. 0.001 min

Lab File: BG056281.D

Acq: 13 Jan 2023 17:15

Instrument :

BNA_G

ClientSampleId :

EB-2023-1-11

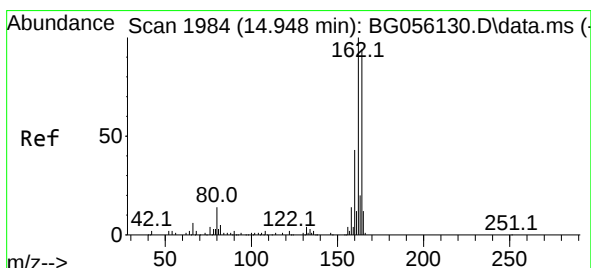
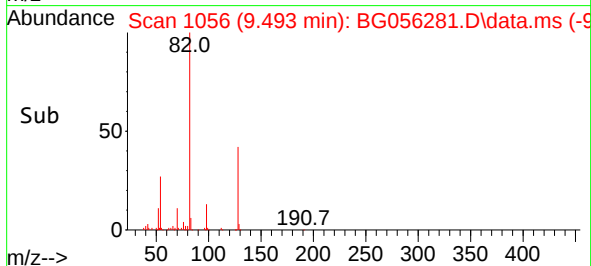
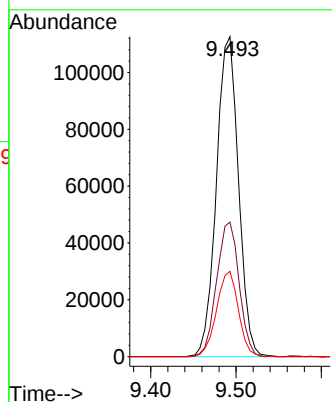
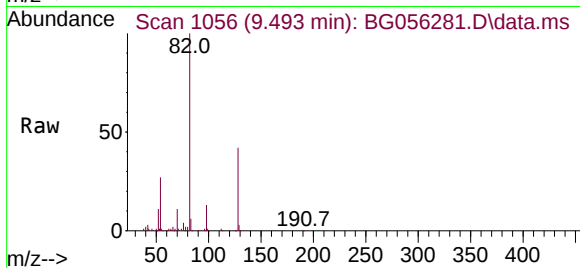
Tgt Ion: 82 Resp: 202458

Ion Ratio Lower Upper

82 100

128 42.1 33.4 50.2

54 26.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.928 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056281.D

Acq: 13 Jan 2023 17:15

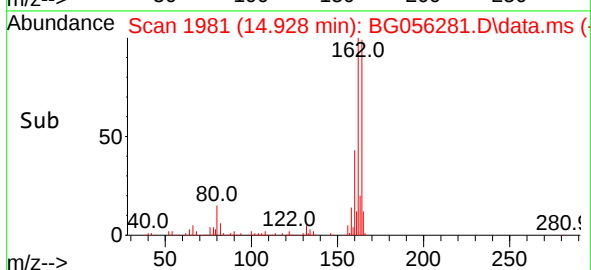
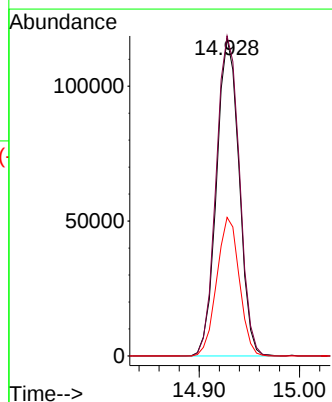
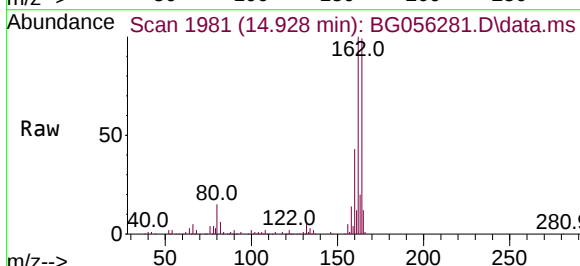
Tgt Ion:164 Resp: 183674

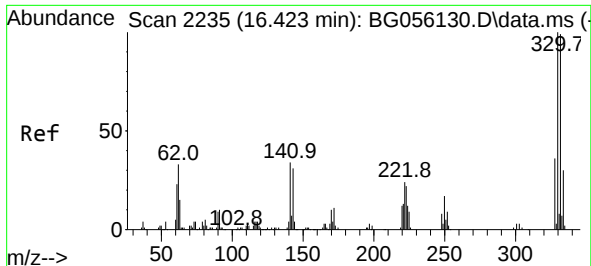
Ion Ratio Lower Upper

164 100

162 100.7 84.7 127.1

160 43.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 79.411 ng

RT: 16.408 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056281.D

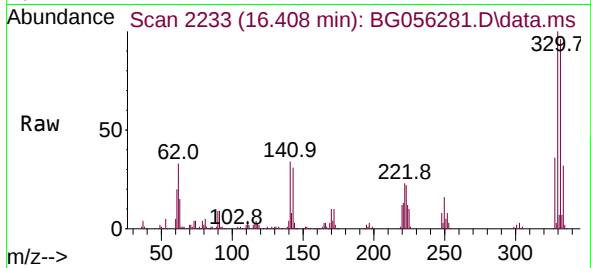
Acq: 13 Jan 2023 17:15

Instrument :

BNA_G

ClientSampleId :

EB-2023-1-11



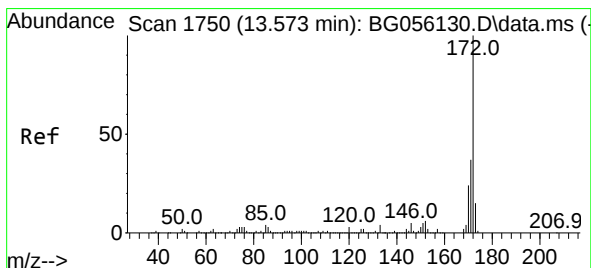
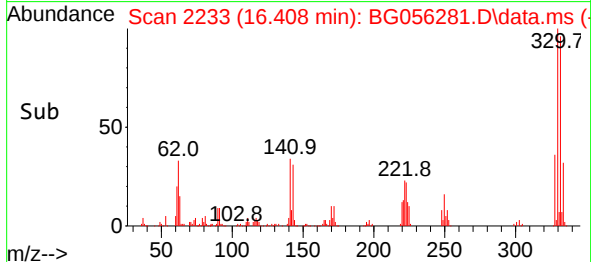
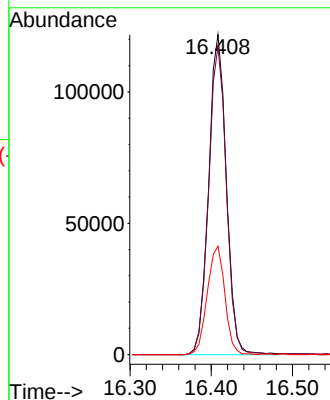
Tgt Ion:330 Resp: 184727

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 33.6 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 48.832 ng

RT: 13.559 min Scan# 1748

Delta R.T. 0.001 min

Lab File: BG056281.D

Acq: 13 Jan 2023 17:15

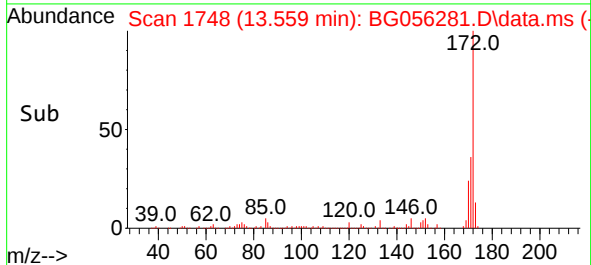
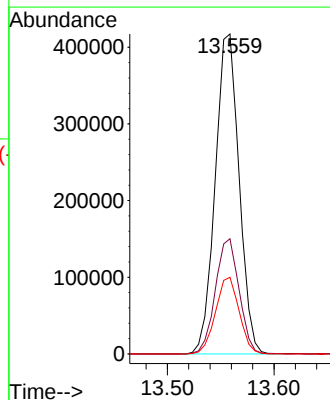
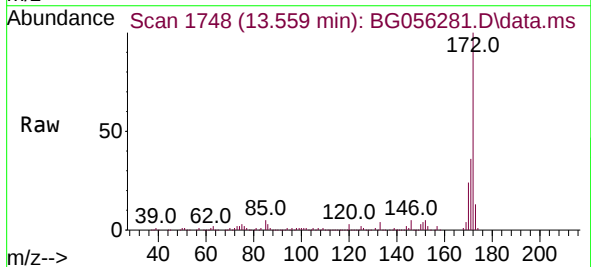
Tgt Ion:172 Resp: 649522

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.9 19.4 29.2

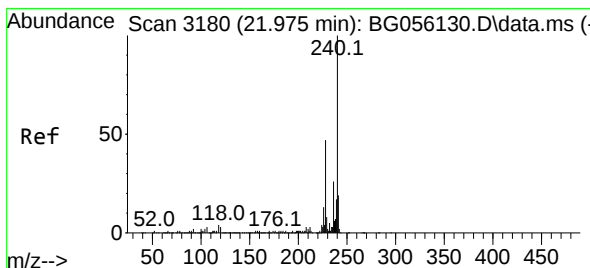
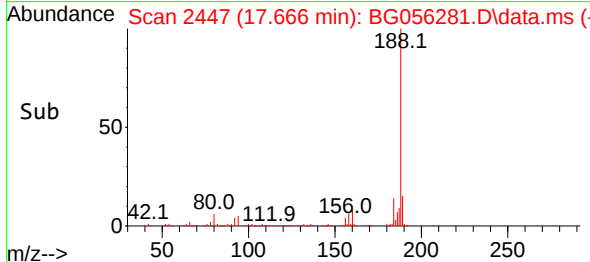
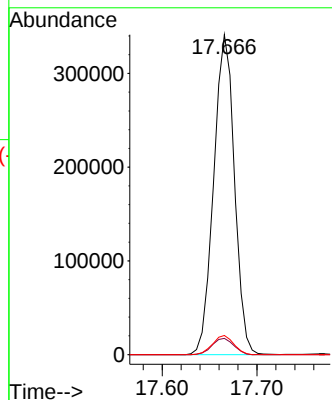
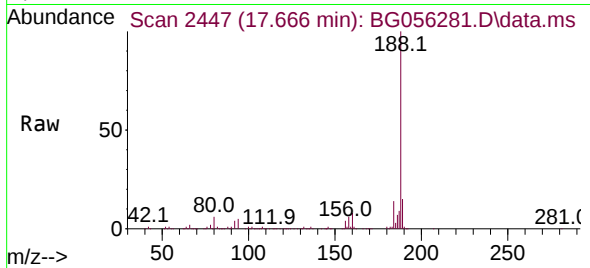




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

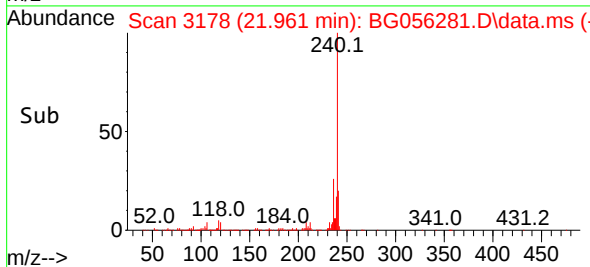
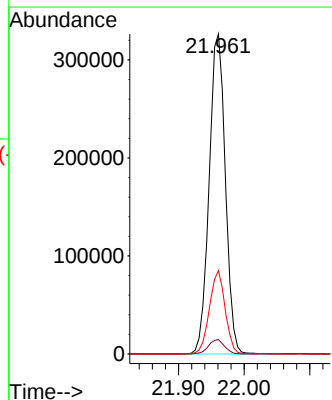
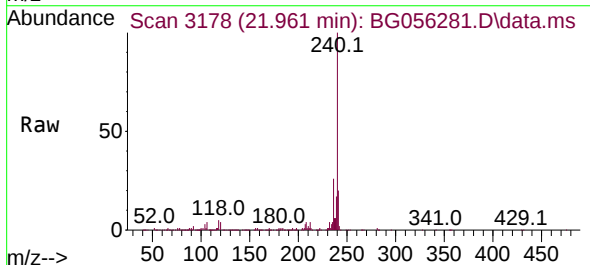
Instrument :
BNA_G
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EB-2023-1-11

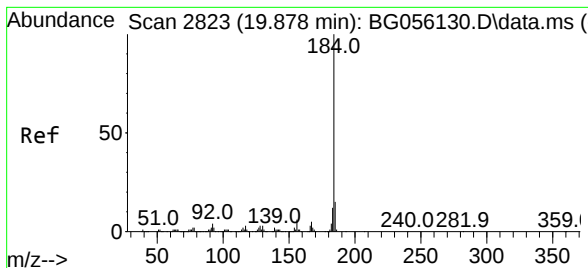
Tgt Ion:188 Resp: 519370
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 6.0 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Tgt Ion:240 Resp: 559034
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.0 20.8 31.2





#77

Benzidine

Concen: 4.576 ng

RT: 19.863 min Scan# 2821

Delta R.T. 0.001 min

Lab File: BG056281.D

Acq: 13 Jan 2023 17:15

Instrument :

BNA_G

ClientSampleId :

EB-2023-1-11

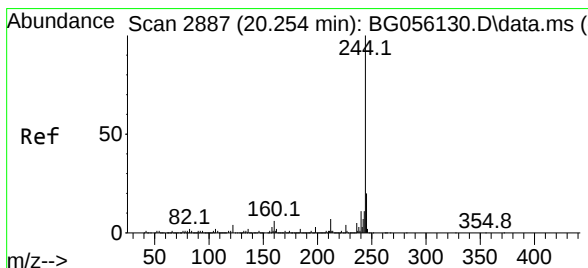
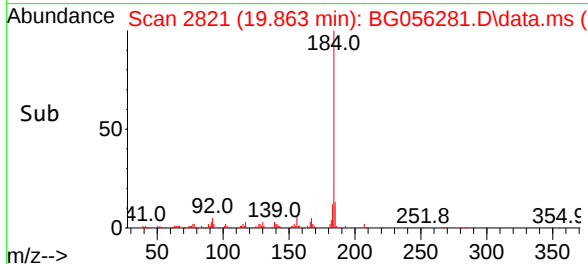
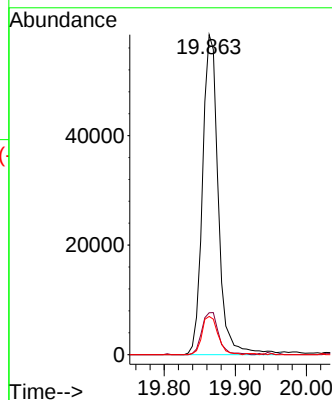
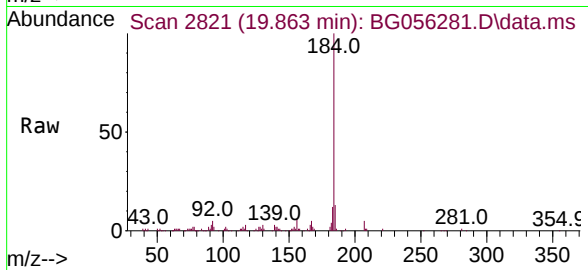
Tgt Ion:184 Resp: 89640

Ion Ratio Lower Upper

184 100

185 13.1 12.2 18.2

183 11.9 9.4 14.0



#79

Terphenyl-d14

Concen: 51.127 ng

RT: 20.239 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG056281.D

Acq: 13 Jan 2023 17:15

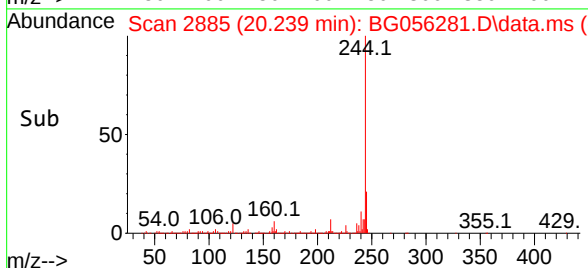
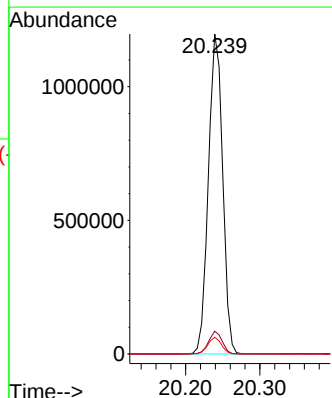
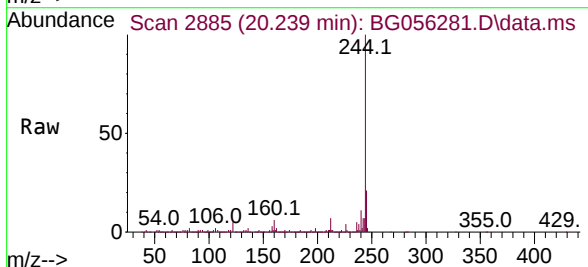
Tgt Ion:244 Resp: 1595817

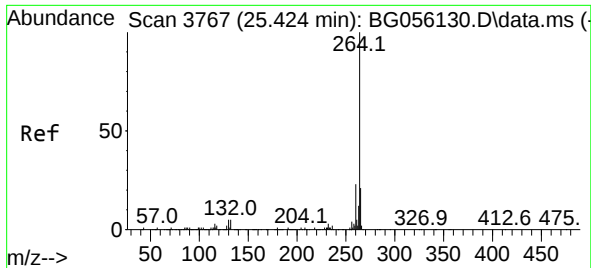
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

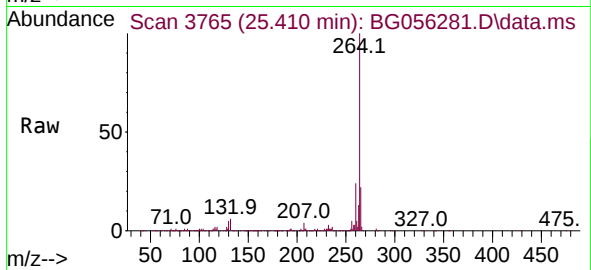
122 5.2 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.410 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG056281.D
Acq: 13 Jan 2023 17:15

Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11



Tgt Ion:264 Resp: 598432
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.4 16.7 25.1

