

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056298.D
 Acq On : 16 Jan 2023 16:05
 Operator : CG/JU
 Sample : 01125-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 2

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

Quant Time: Jan 17 05:25:49 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	8.317	152	70511	40.000	ng	0.00
21) Naphthalene-d8	11.149	136	254814	40.000	ng	0.00
39) Acenaphthene-d10	14.927	164	194690	40.000	ng	0.00
64) Phenanthrene-d10	17.665	188	540937	40.000	ng	0.00
76) Chrysene-d12	21.960	240	581620	40.000	ng	0.00
86) Perylene-d12	25.403	264	612537	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	159830	80.945	ng	0.01
7) Phenol-d6	7.448	99	148627	49.014	ng	0.00
23) Nitrobenzene-d5	9.492	82	228986	91.934	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	146920	119.170	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	709186	100.602	ng	0.00
79) Terphenyl-d14	20.238	244	1644023	101.253	ng	0.00

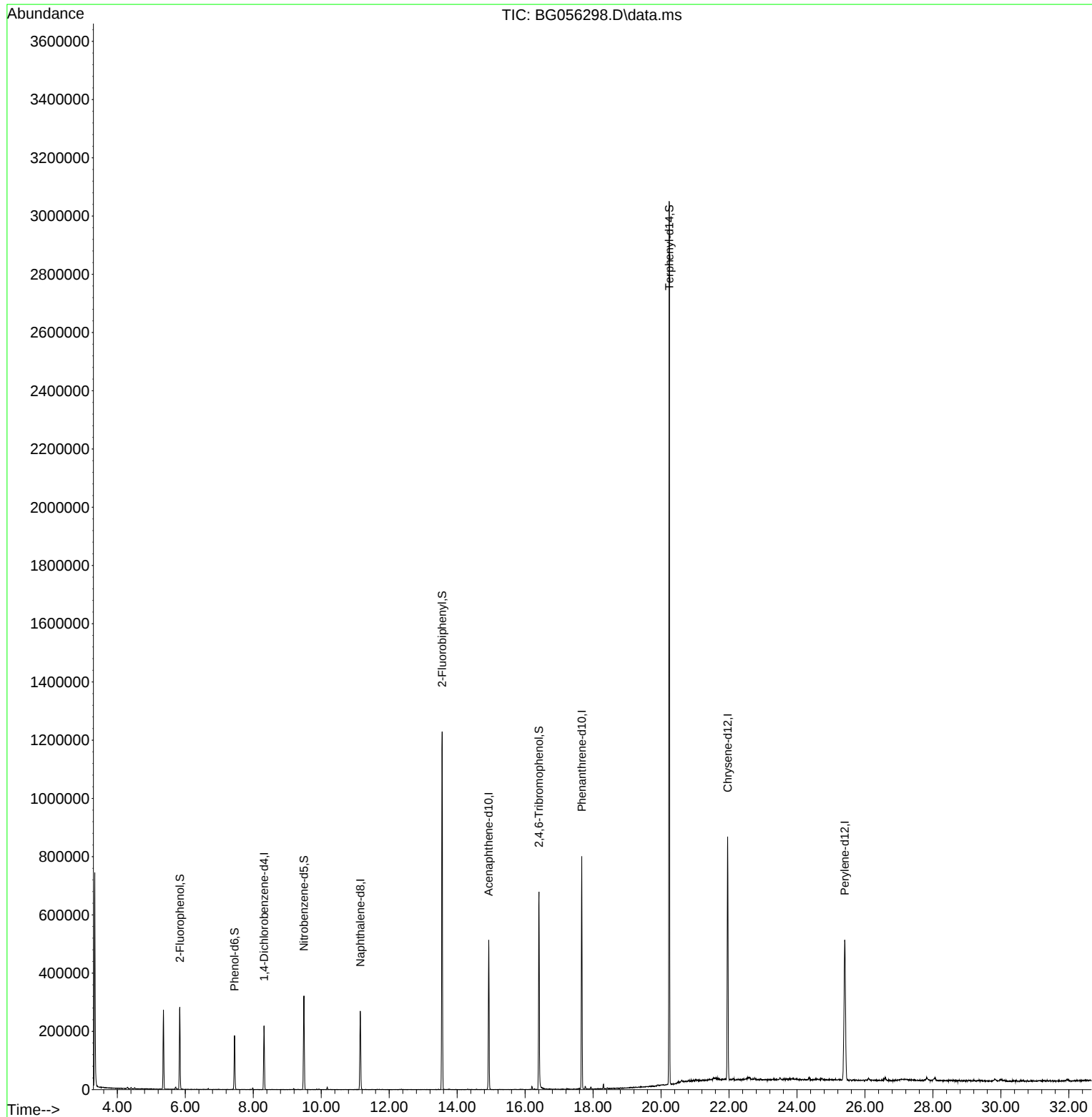
Target Compounds	Qvalue

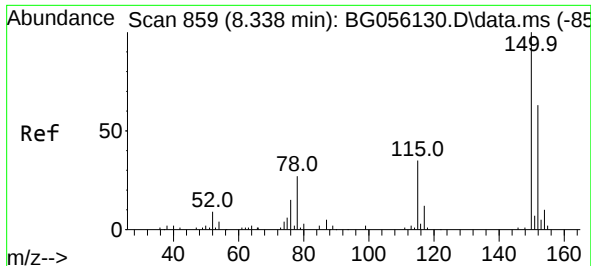
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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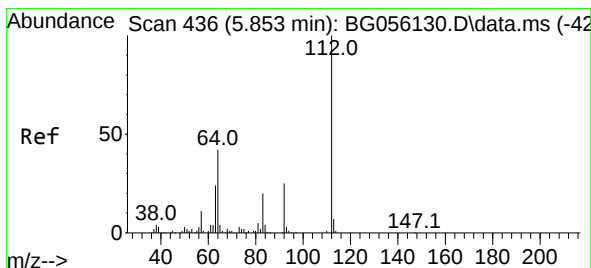
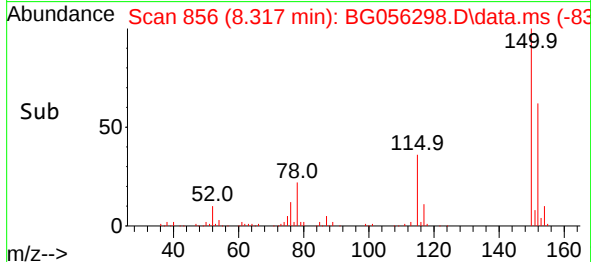
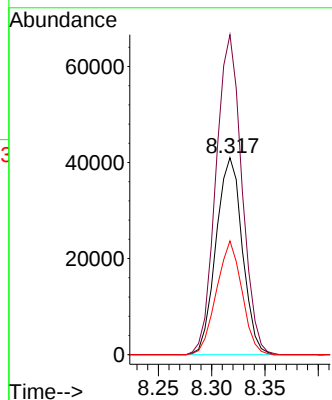
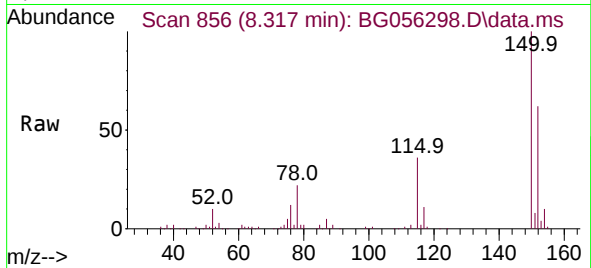




#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

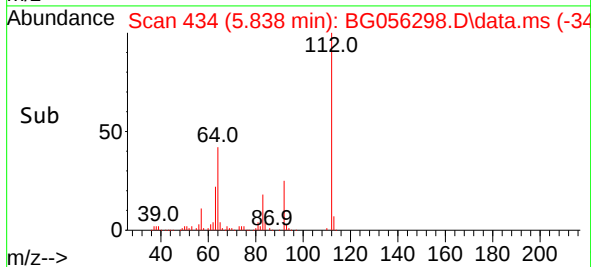
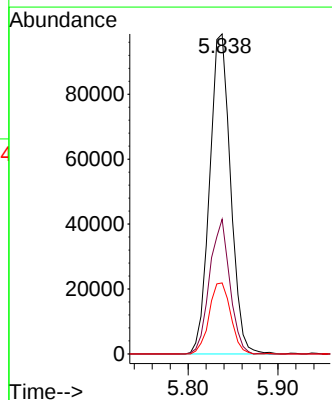
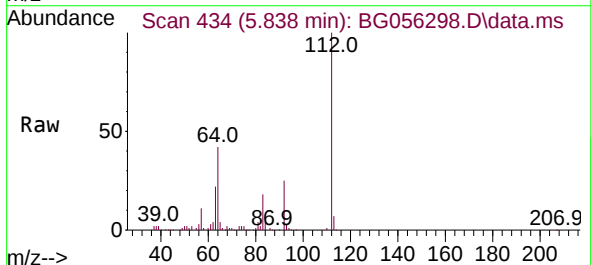
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

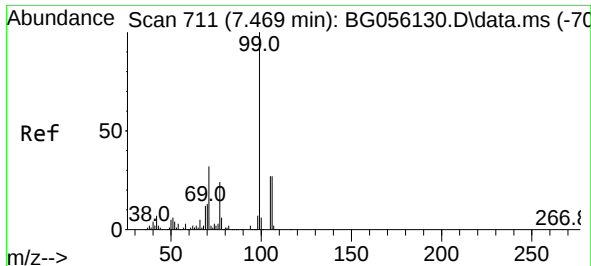
Tgt Ion:152 Resp: 70511
Ion Ratio Lower Upper
152 100
150 162.6 127.9 191.9
115 57.8 44.2 66.2



#5
2-Fluorophenol
Concen: 80.945 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:112 Resp: 159830
Ion Ratio Lower Upper
112 100
64 42.1 33.3 49.9
63 22.2 19.0 28.4

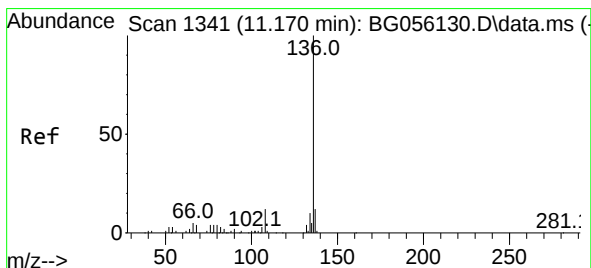
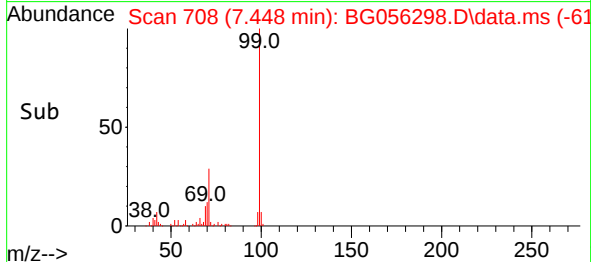
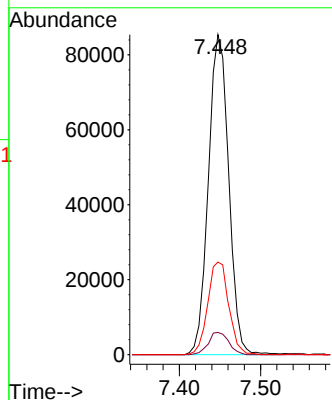
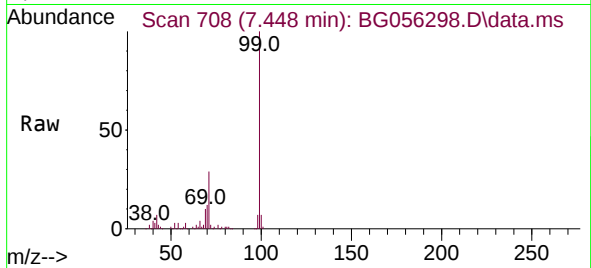




#7
Phenol-d6
Concen: 49.014 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

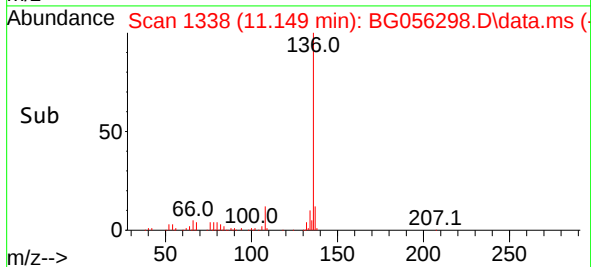
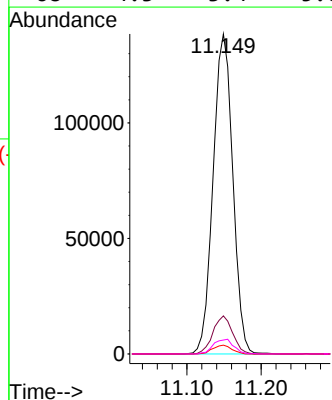
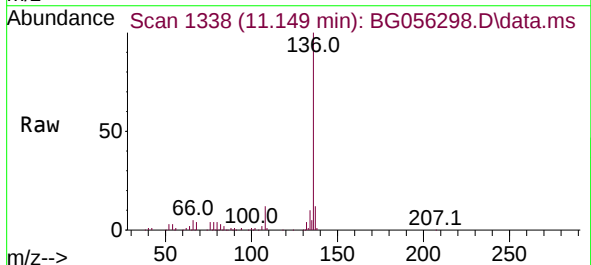
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

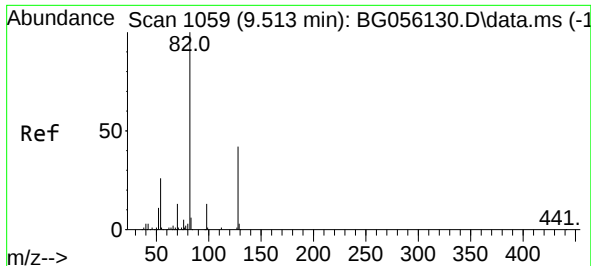
Tgt Ion: 99 Resp: 148627
Ion Ratio Lower Upper
99 100
42 6.9 5.9 8.9
71 29.0 25.4 38.2



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 11.149 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:136 Resp: 254814
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.7 2.2 3.2
68 4.3 3.4 5.0

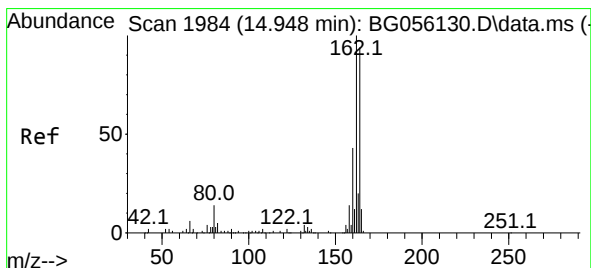
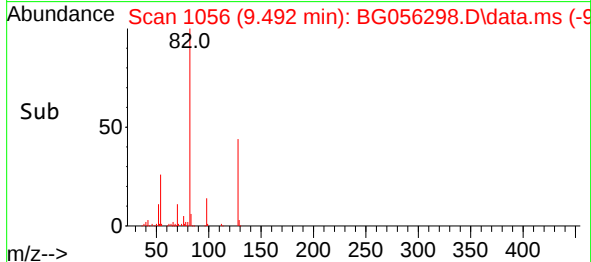
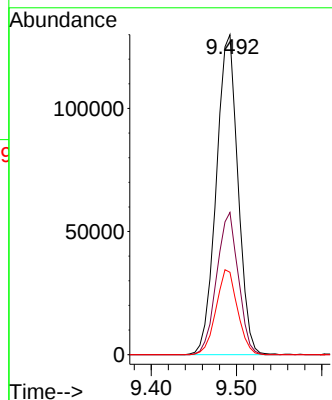
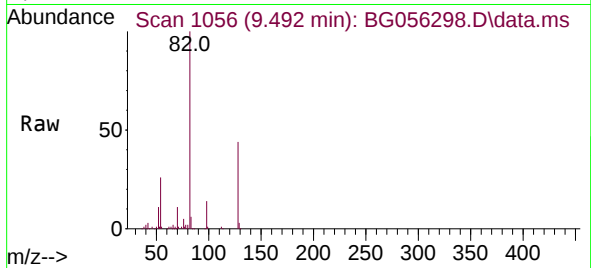




#23
Nitrobenzene-d5
Concen: 91.934 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

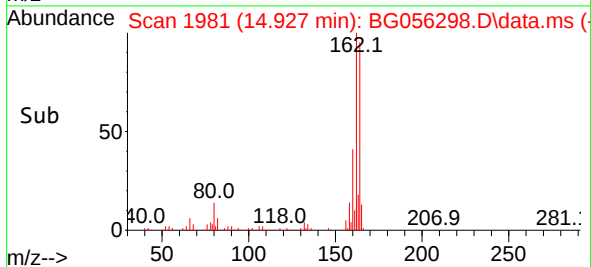
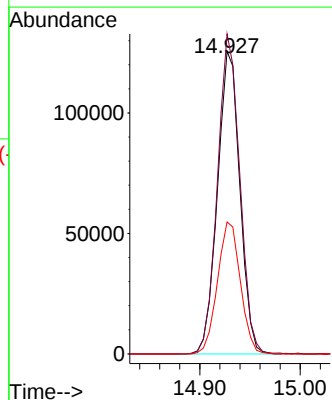
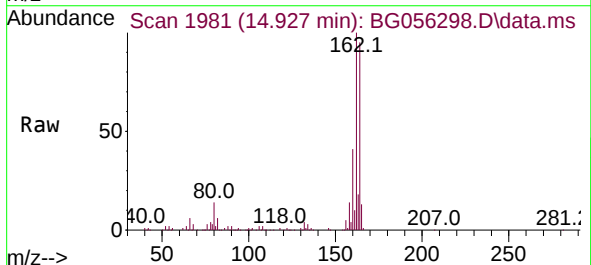
Instrument :
BNA_G
ClientSampleId :
EB-2023-1-11

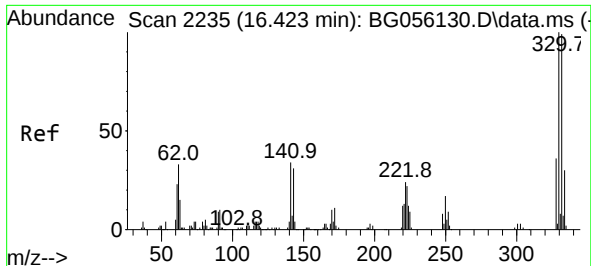
Tgt Ion: 82 Resp: 228986
Ion Ratio Lower Upper
82 100
128 44.4 33.4 50.2
54 25.7 20.3 30.5



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG056298.D
Acq: 16 Jan 2023 16:05

Tgt Ion:164 Resp: 194690
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 43.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 119.170 ng

RT: 16.408 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056298.D

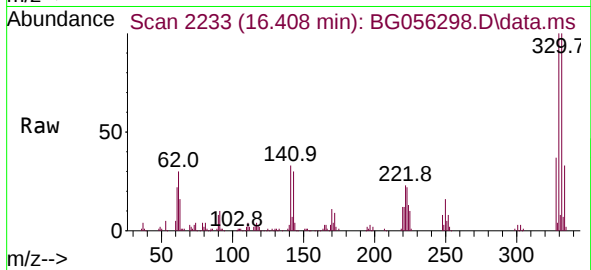
Acq: 16 Jan 2023 16:05

Instrument :

BNA_G

ClientSampleId :

EB-2023-1-11



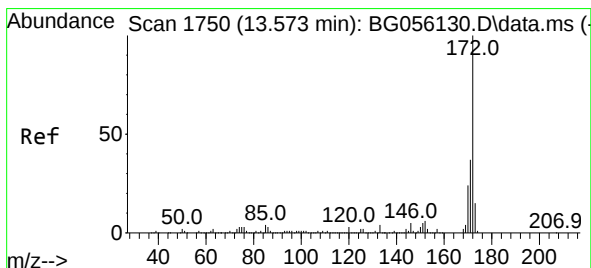
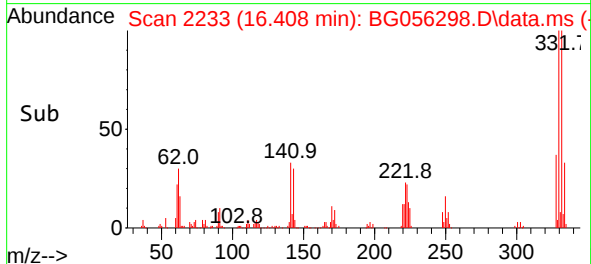
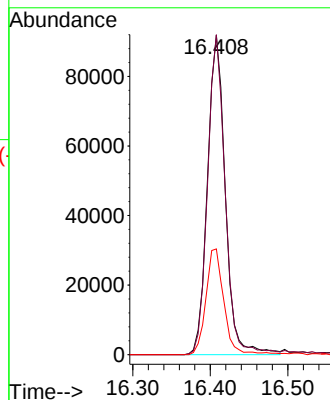
Tgt Ion:330 Resp: 146920

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

141 33.3 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 100.602 ng

RT: 13.558 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BG056298.D

Acq: 16 Jan 2023 16:05

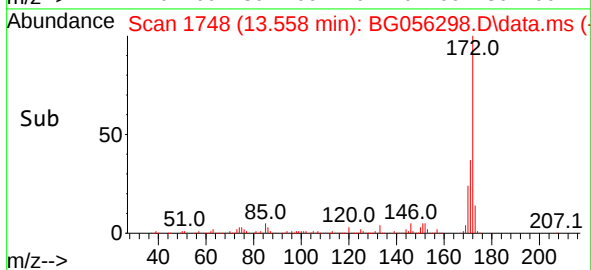
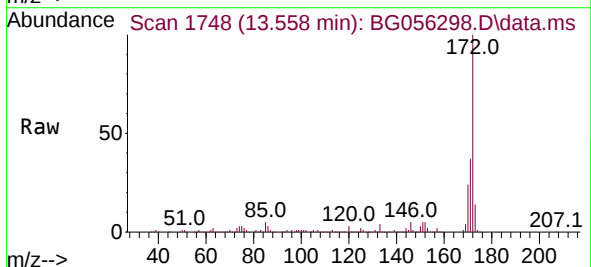
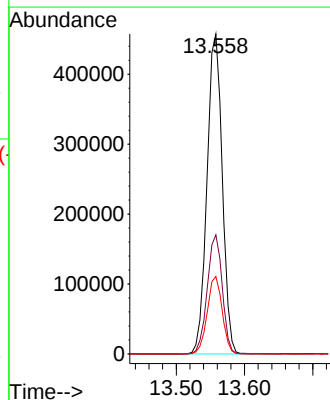
Tgt Ion:172 Resp: 709186

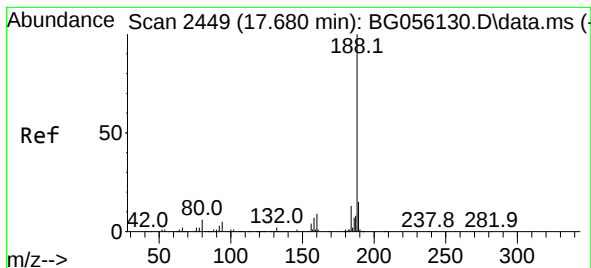
Ion Ratio Lower Upper

172 100

171 37.2 29.6 44.4

170 24.2 19.4 29.2





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.000 min

Lab File: BG056298.D

Acq: 16 Jan 2023 16:05

Instrument :

BNA_G

ClientSampleId :

EB-2023-1-11

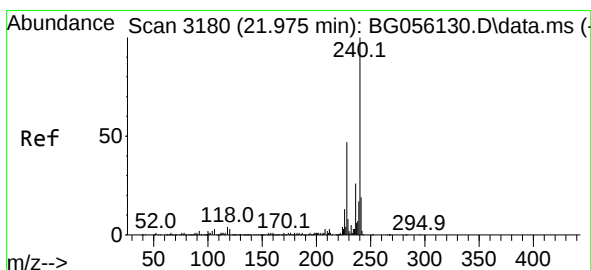
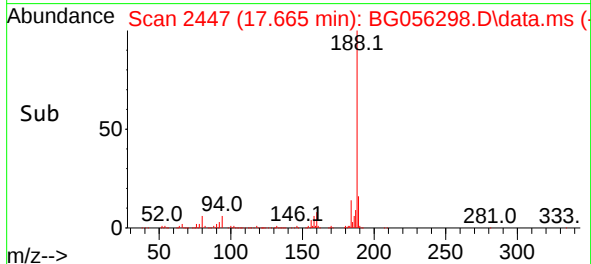
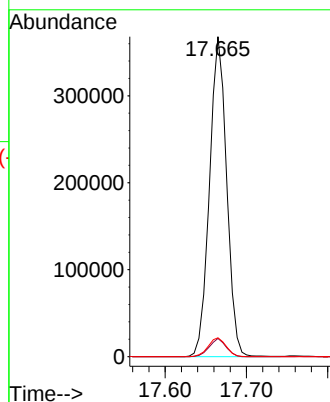
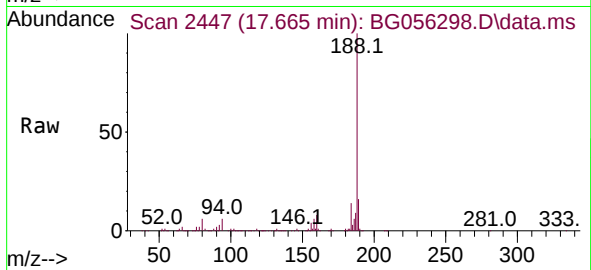
Tgt Ion:188 Resp: 540937

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

80 5.9 5.0 7.4



#76

Chrysene-d12

Concen: 40.000 ng

RT: 21.960 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BG056298.D

Acq: 16 Jan 2023 16:05

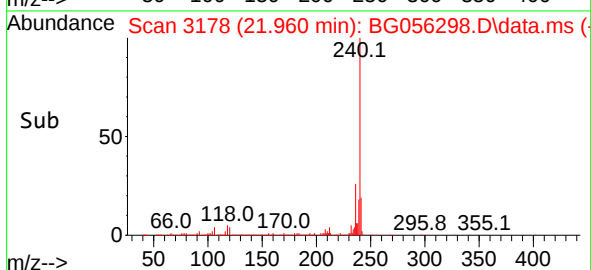
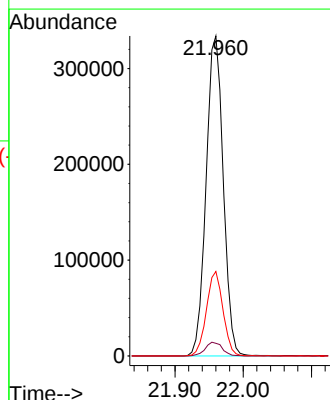
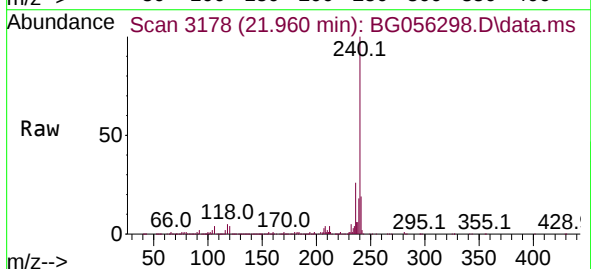
Tgt Ion:240 Resp: 581620

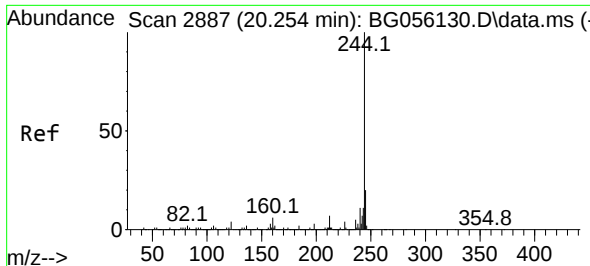
Ion Ratio Lower Upper

240 100

120 3.9 2.6 4.0

236 26.4 20.8 31.2

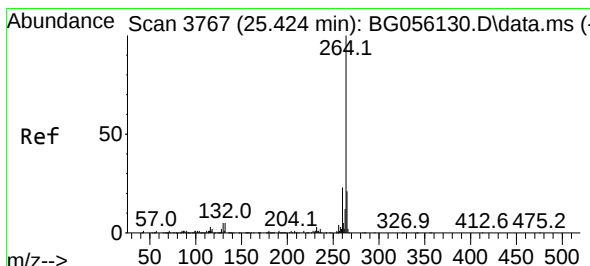
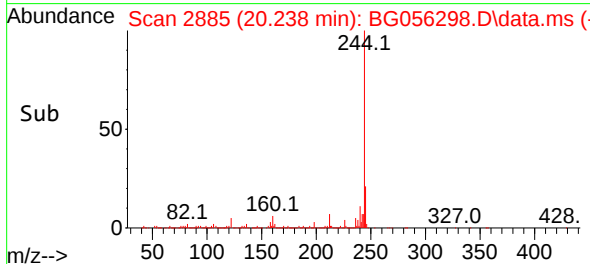
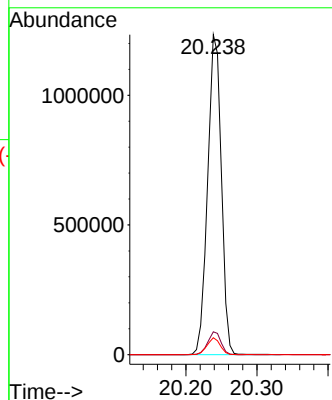
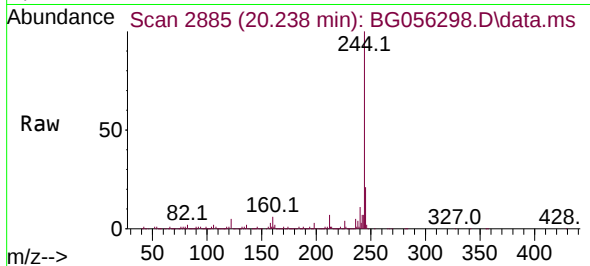




#79
 Terphenyl-d14
 Concen: 101.253 ng
 RT: 20.238 min Scan# 2885
 Delta R.T. 0.000 min
 Lab File: BG056298.D
 Acq: 16 Jan 2023 16:05

Instrument :
 BNA_G
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 EB-2023-1-11

Tgt Ion:244 Resp: 1644023
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.3 3.5 5.3#



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 25.403 min Scan# 3764
 Delta R.T. 0.000 min
 Lab File: BG056298.D
 Acq: 16 Jan 2023 16:05

Tgt Ion:264 Resp: 612537
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.0 16.7 25.1

