

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056140.D
 Acq On : 28 Dec 2022 15:03
 Operator : CG/JU
 Sample : N6220-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Quant Time: Dec 29 03:37:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	45846	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	157117	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	120248	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	319904	20.000	ng	0.00
76) Chrysene-d12	21.975	240	380699	20.000	ng	0.00
86) Perylene-d12	25.424	264	430426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.853	112	325025	126.583	ng	0.00
7) Phenol-d6	7.468	99	447020	113.364	ng	0.00
23) Nitrobenzene-d5	9.507	82	236054	76.851	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	190599	125.154	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	635753	73.008	ng	0.00
79) Terphenyl-d14	20.253	244	1386170	65.214	ng	0.00

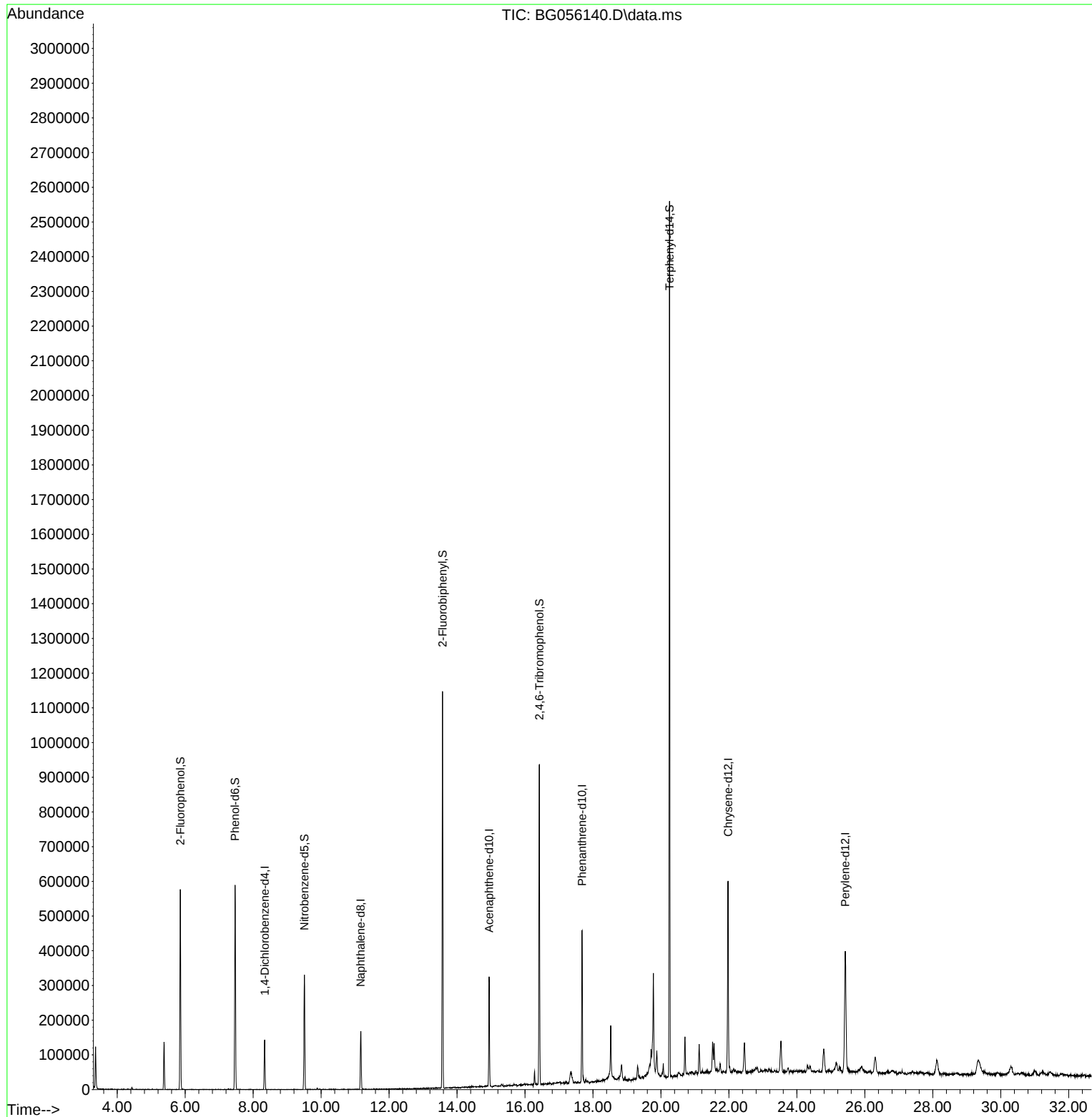
Target Compounds Qvalue

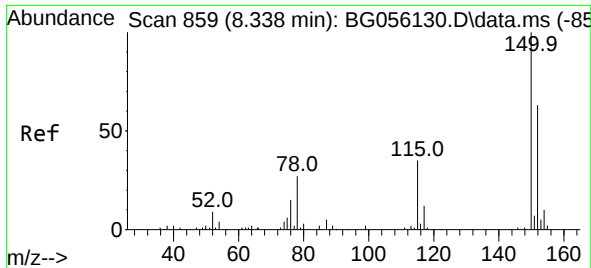
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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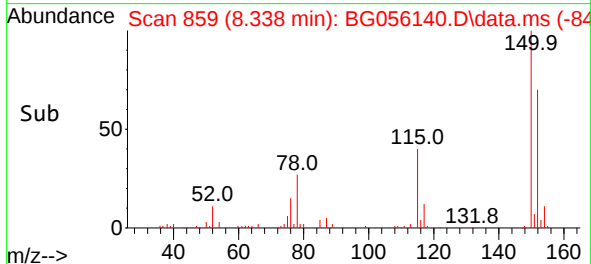
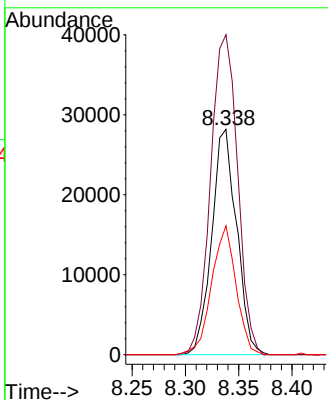
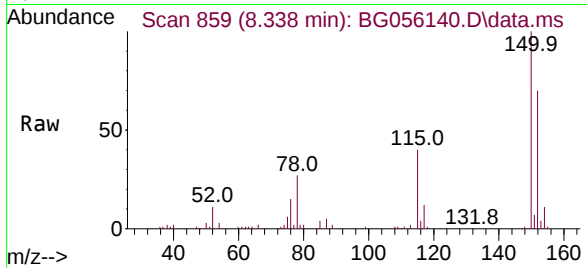




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.338 min Scan# 859
 Delta R.T. 0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

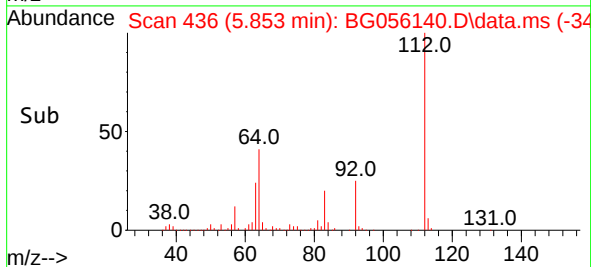
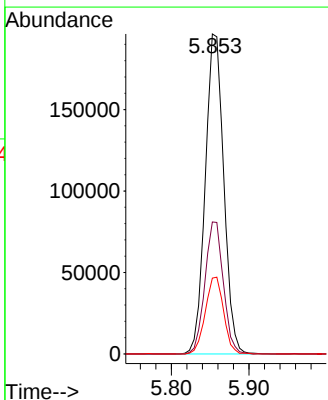
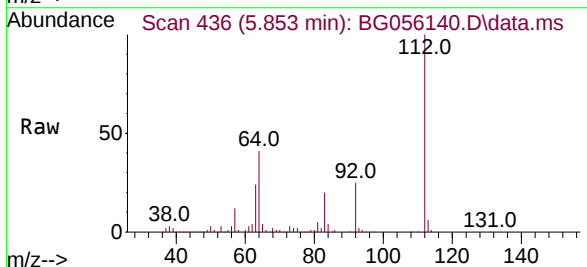
Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Tgt Ion:152 Resp: 45846
 Ion Ratio Lower Upper
 152 100
 150 142.1 127.9 191.9
 115 57.2 44.2 66.2



#5
 2-Fluorophenol
 Concen: 126.583 ng
 RT: 5.853 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

Tgt Ion:112 Resp: 325025
 Ion Ratio Lower Upper
 112 100
 64 41.2 33.3 49.9
 63 23.7 19.0 28.4





#7
Phenol-d6
Concen: 113.364 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

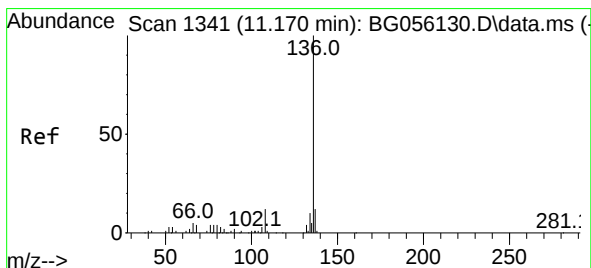
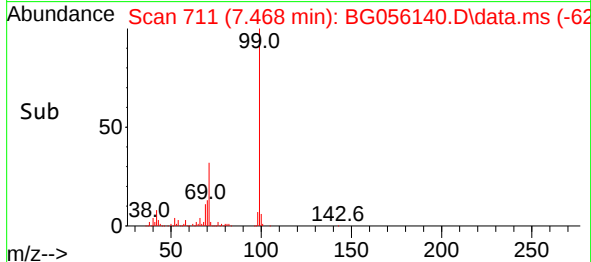
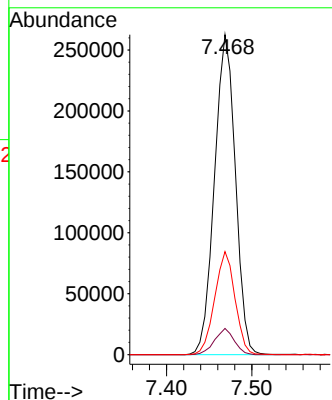
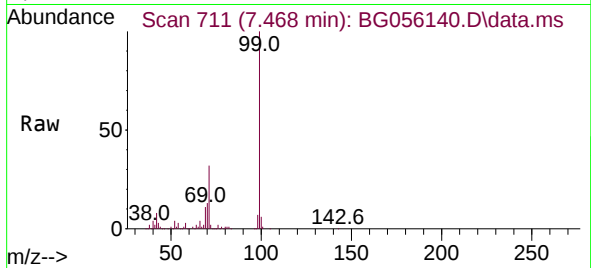
Instrument :

BNA_G

ClientSampleId :

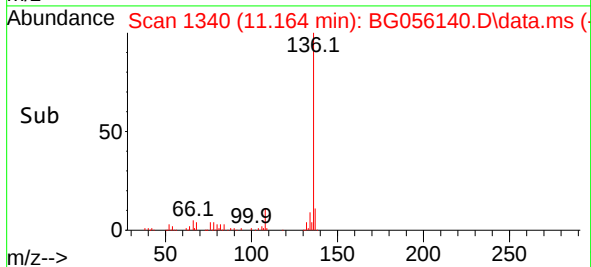
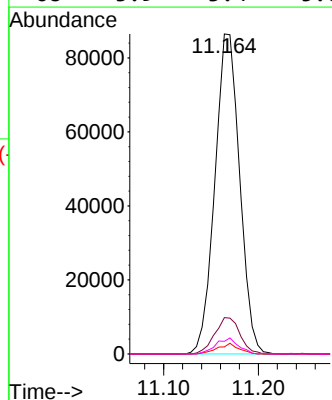
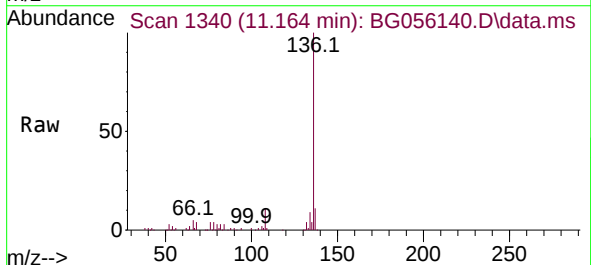
TP-CR

Tgt Ion: 99 Resp: 447020
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 32.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion:136 Resp: 157117
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.2 2.2 3.2
68 3.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 76.851 ng

RT: 9.507 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BG056140.D

Acq: 28 Dec 2022 15:03

Instrument :

BNA_G

ClientSampleId :

TP-CR

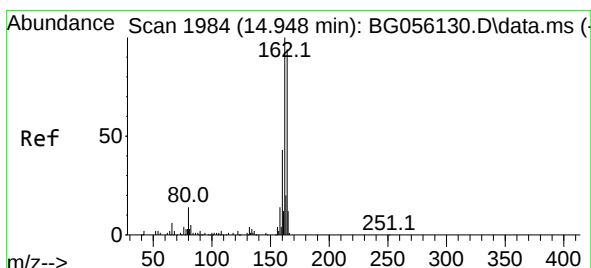
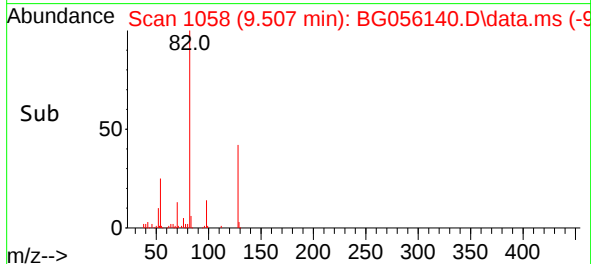
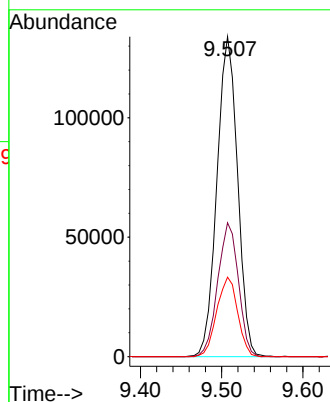
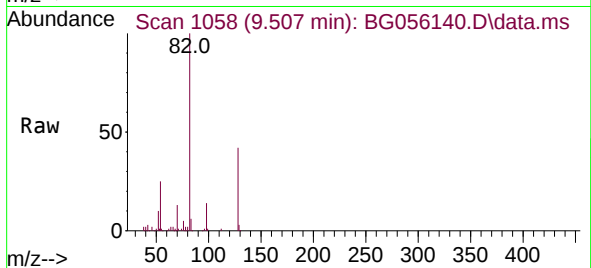
Tgt Ion: 82 Resp: 236054

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.2

54 24.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.942 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BG056140.D

Acq: 28 Dec 2022 15:03

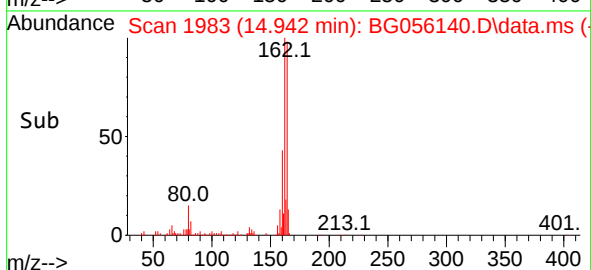
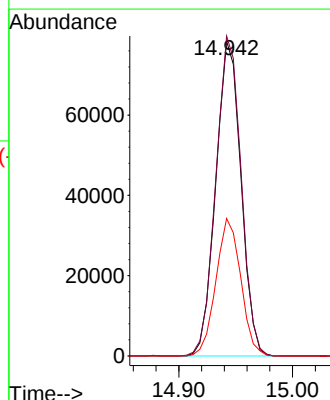
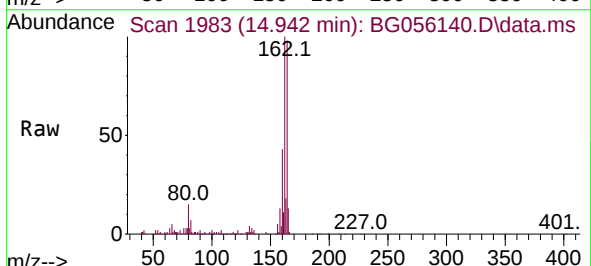
Tgt Ion:164 Resp: 120248

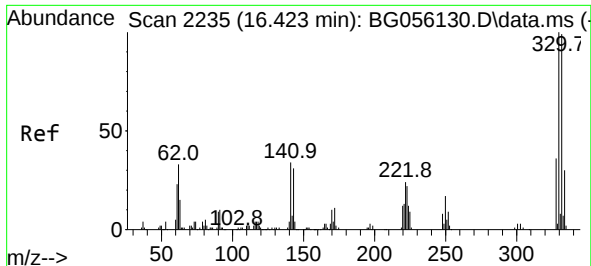
Ion Ratio Lower Upper

164 100

162 101.7 84.7 127.1

160 43.6 36.3 54.5

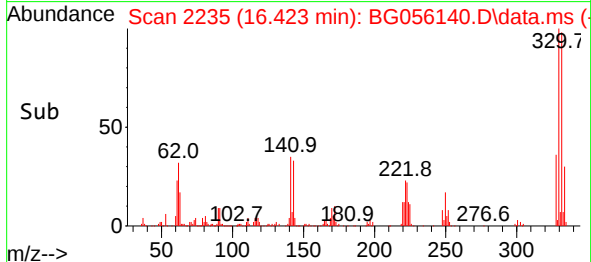
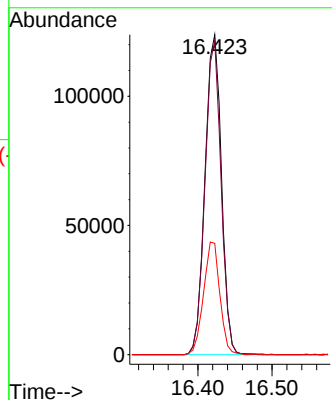
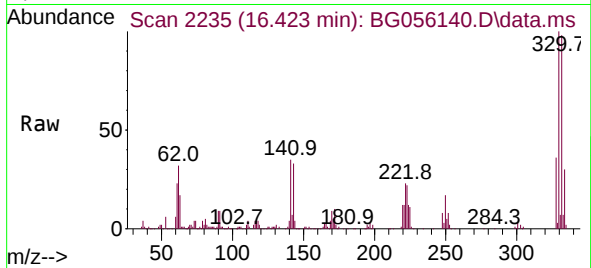




#42
2,4,6-Tribromophenol
Concen: 125.154 ng
RT: 16.423 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

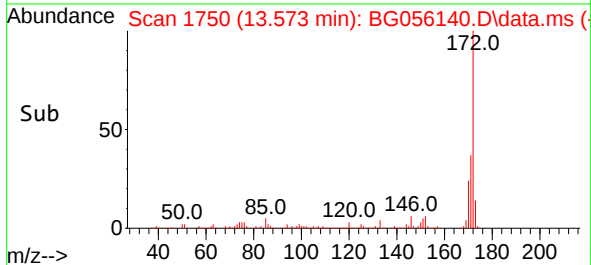
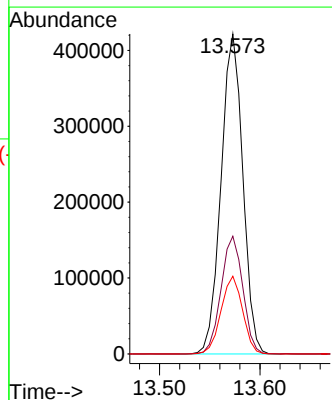
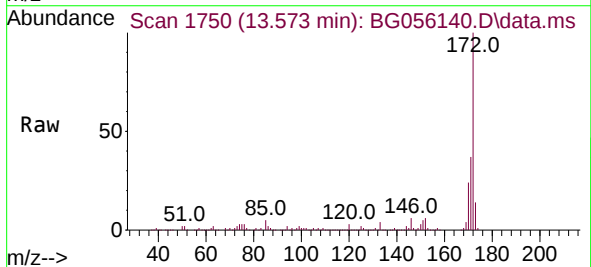
Instrument :
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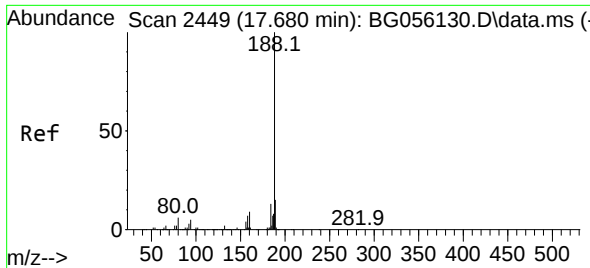
Tgt Ion:330 Resp: 190599
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 34.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 73.008 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion:172 Resp: 635753
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.3 19.4 29.2

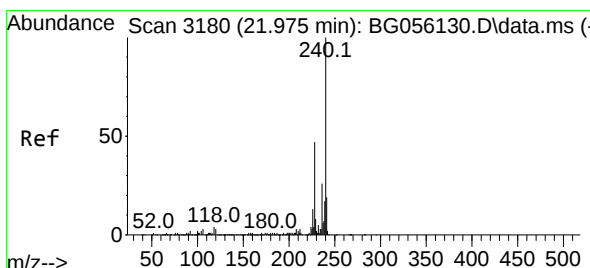
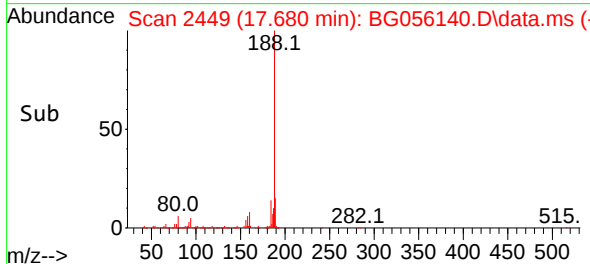
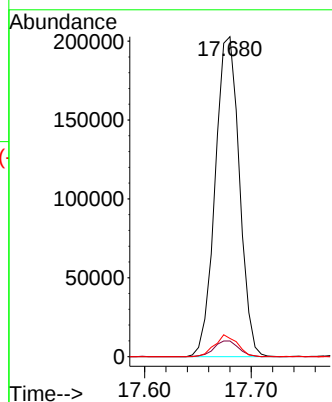
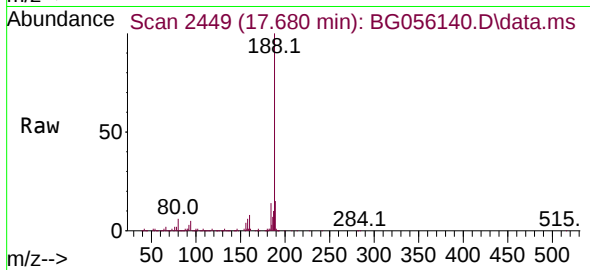




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

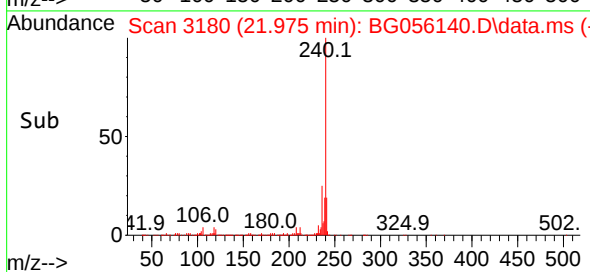
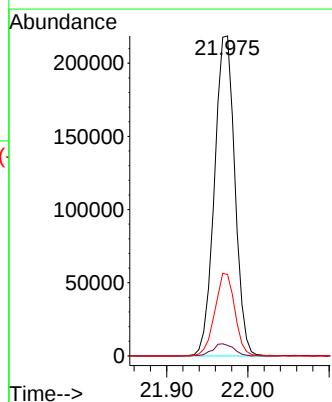
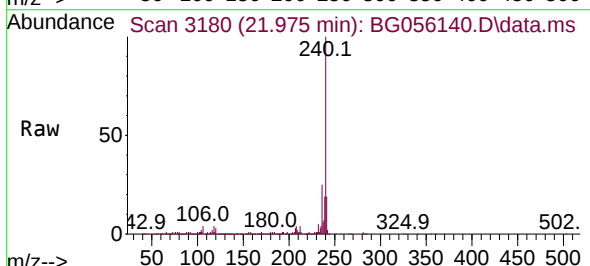
Instrument :
BNA_G
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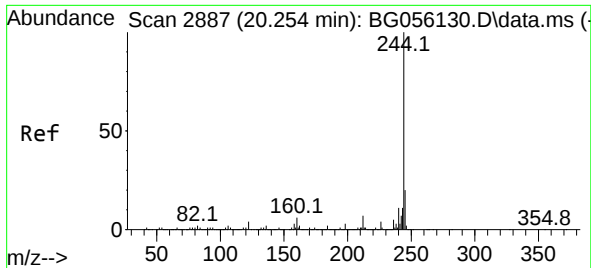
Tgt Ion:188 Resp: 319904
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 5.7 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion:240 Resp: 380699
Ion Ratio Lower Upper
240 100
120 3.3 2.6 4.0
236 25.4 20.8 31.2

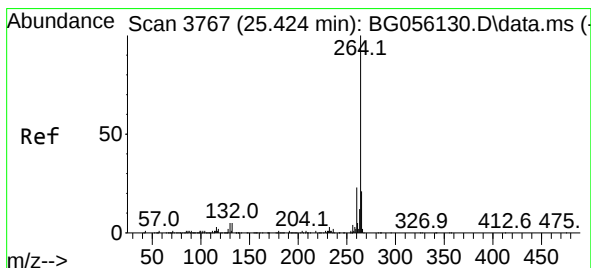
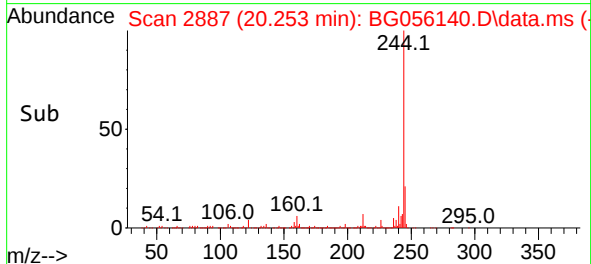
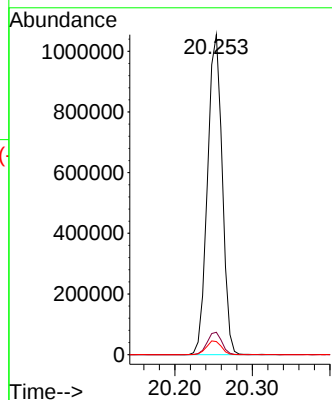
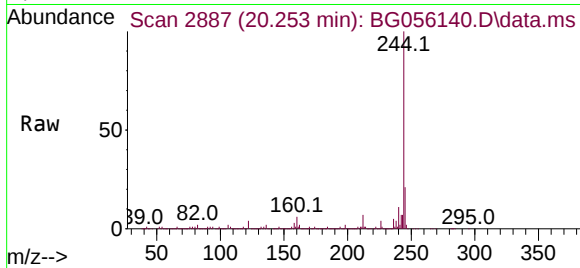




#79
 Terphenyl-d14
 Concen: 65.214 ng
 RT: 20.253 min Scan# 2887
 Delta R.T. -0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Tgt Ion:244 Resp: 1386170
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.424 min Scan# 3767
 Delta R.T. -0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

Tgt Ion:264 Resp: 430426
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 20.7 16.7 25.1

