

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056139.D
 Acq On : 28 Dec 2022 14:12
 Operator : CG/JU
 Sample : PB149838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149838TB

Quant Time: Dec 29 03:37:20 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	8.331	152	39832	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	159226	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	142250	20.000	ng	0.00
64) Phenanthrene-d10	17.679	188	413004	20.000	ng	0.00
76) Chrysene-d12	21.974	240	460198	20.000	ng	# 0.00
86) Perylene-d12	25.429	264	446295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.852	112	352713	158.106	ng	0.00
7) Phenol-d6	7.462	99	491230	143.384	ng	0.00
23) Nitrobenzene-d5	9.506	82	256105	82.274	ng	0.00
42) 2,4,6-Tribromophenol	16.422	330	234646	130.245	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	841438	81.683	ng	0.00
79) Terphenyl-d14	20.253	244	2026909	78.886	ng	0.00

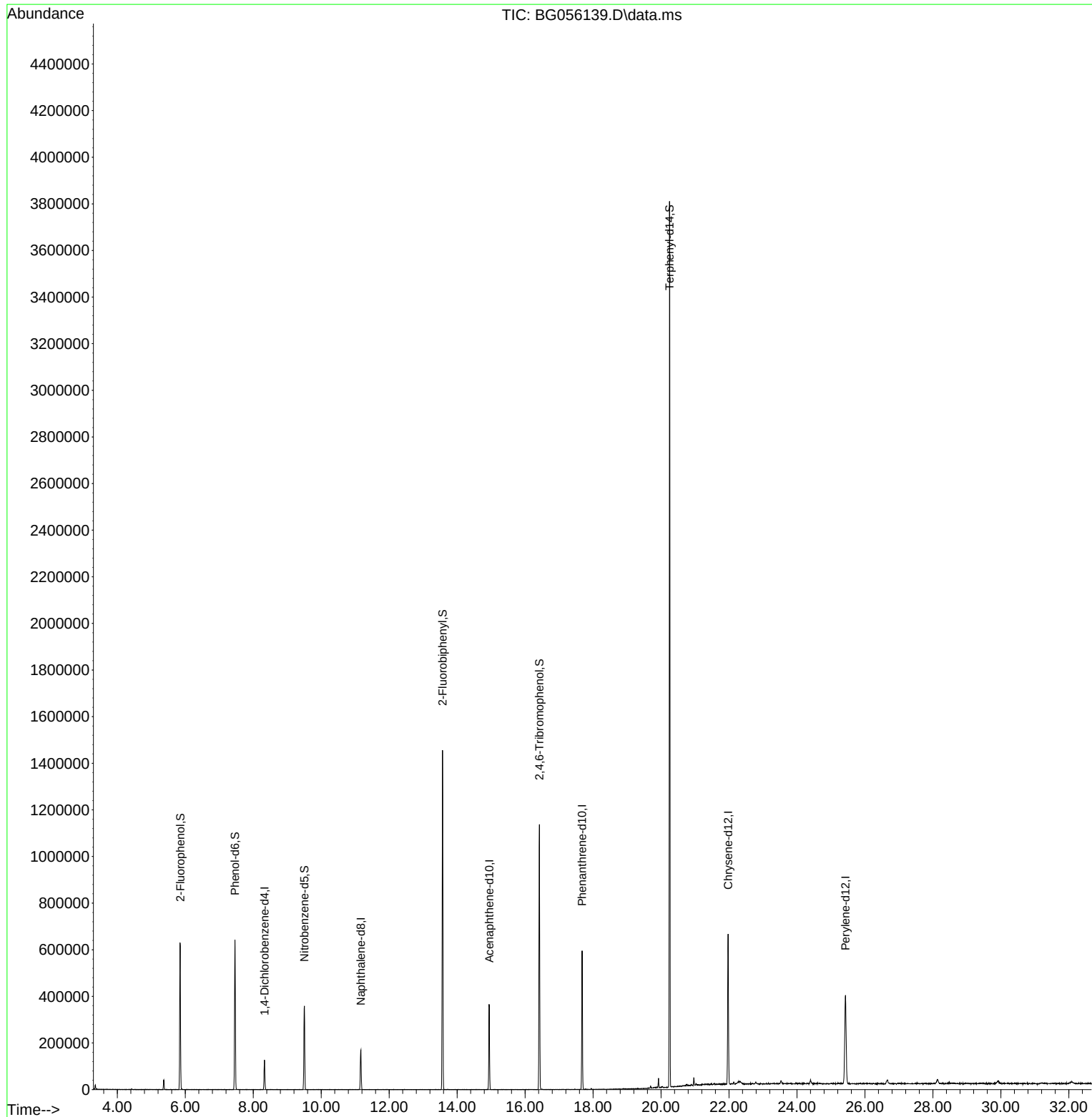
Target Compounds Qvalue

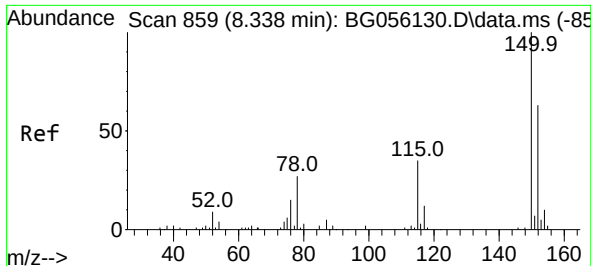
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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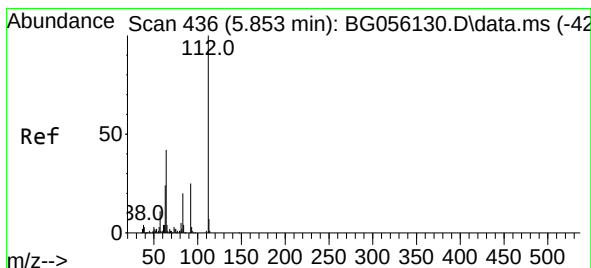
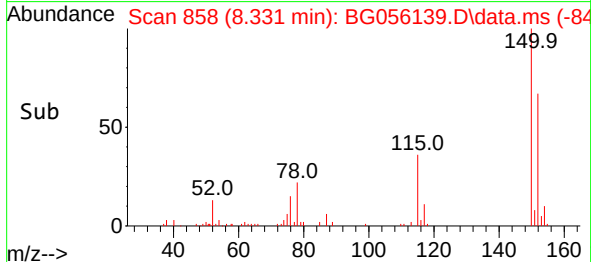
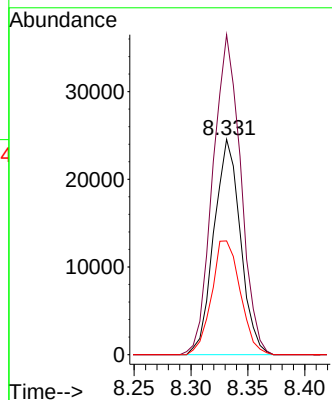
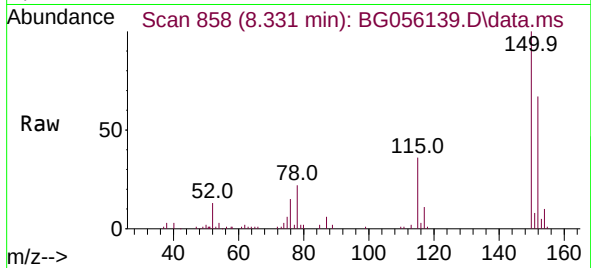




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.331 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG056139.D
 Acq: 28 Dec 2022 14:12

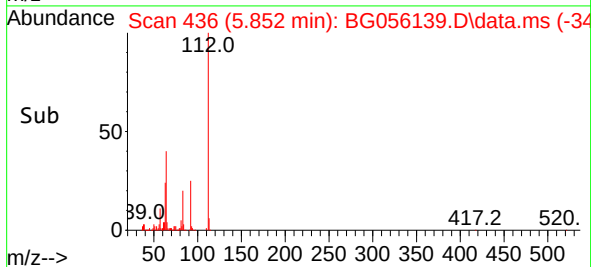
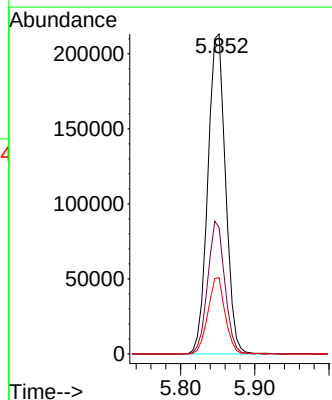
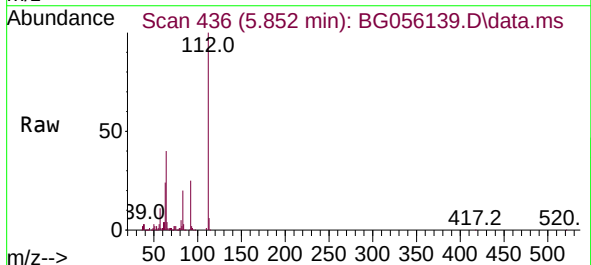
Instrument :
 BNA_G
 ClientSampleId :
 PB149838TB

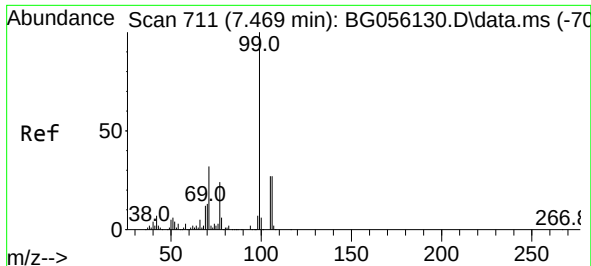
Tgt Ion:152 Resp: 39832
 Ion Ratio Lower Upper
 152 100
 150 148.6 127.9 191.9
 115 52.8 44.2 66.2



#5
 2-Fluorophenol
 Concen: 158.106 ng
 RT: 5.852 min Scan# 436
 Delta R.T. -0.001 min
 Lab File: BG056139.D
 Acq: 28 Dec 2022 14:12

Tgt Ion:112 Resp: 352713
 Ion Ratio Lower Upper
 112 100
 64 39.5 33.3 49.9
 63 23.8 19.0 28.4

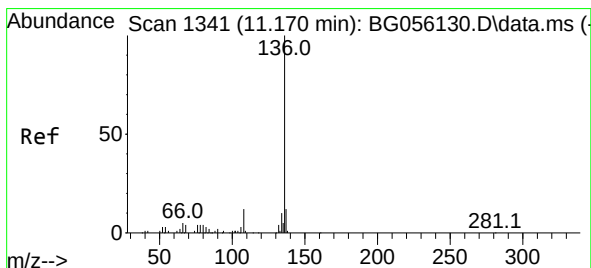
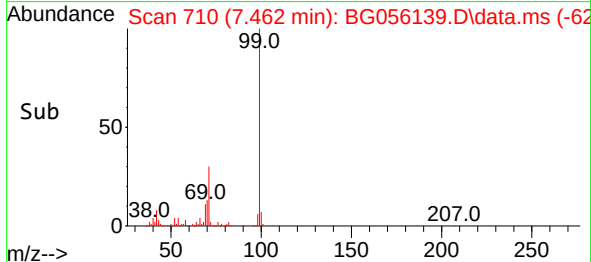
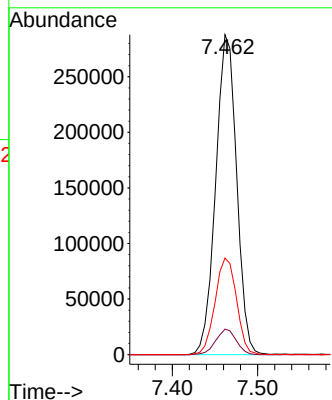
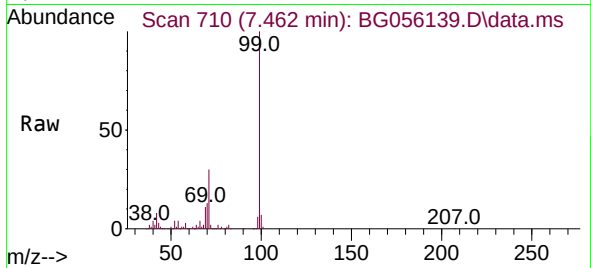




#7
Phenol-d6
Concen: 143.384 ng
RT: 7.462 min Scan# 711
Delta R.T. -0.007 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

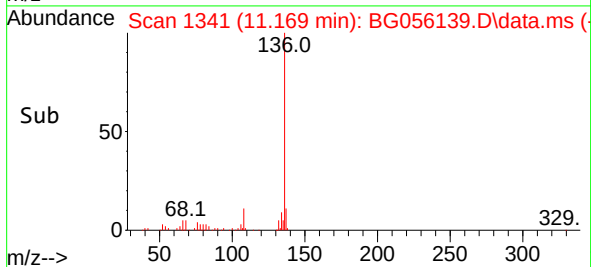
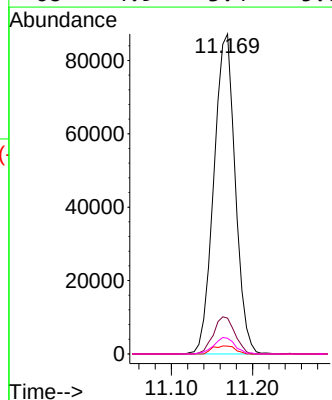
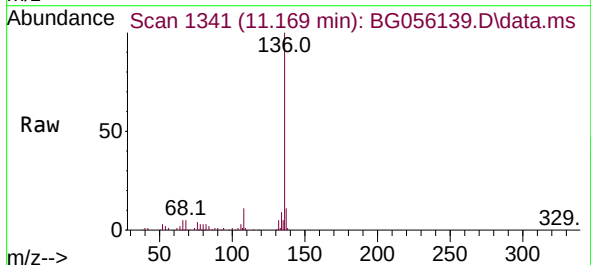
Instrument :
BNA_G
ClientSampleId :
PB149838TB

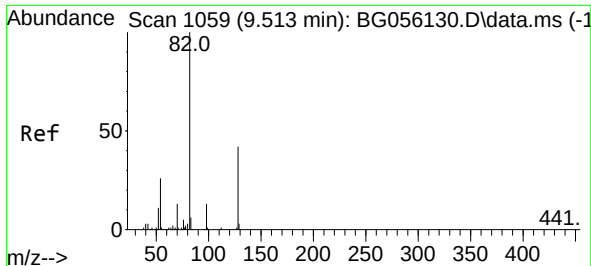
Tgt Ion: 99 Resp: 491230
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion: 136 Resp: 159226
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.4 2.2 3.2
68 4.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 82.274 ng

RT: 9.506 min Scan# 1059

Delta R.T. -0.007 min

Lab File: BG056139.D

Acq: 28 Dec 2022 14:12

Instrument :

BNA_G

ClientSampleId :

PB149838TB

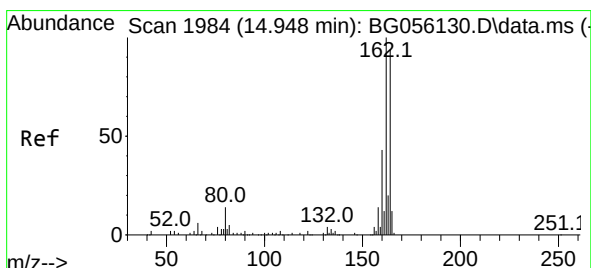
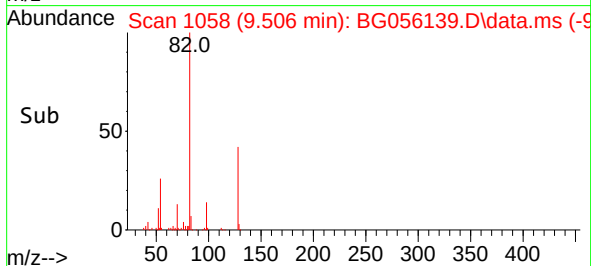
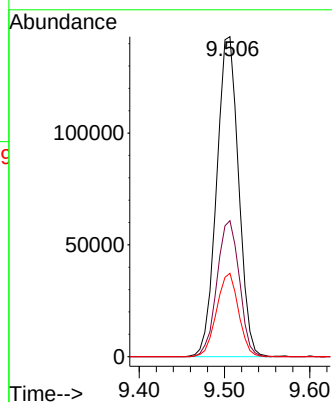
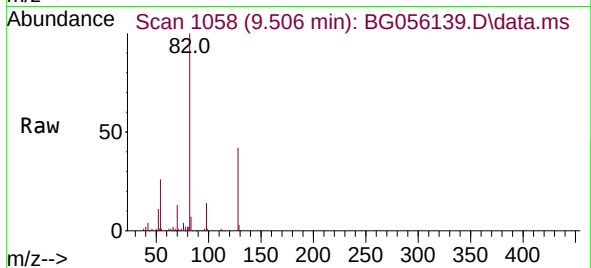
Tgt Ion: 82 Resp: 256105

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.2

54 26.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1984

Delta R.T. -0.001 min

Lab File: BG056139.D

Acq: 28 Dec 2022 14:12

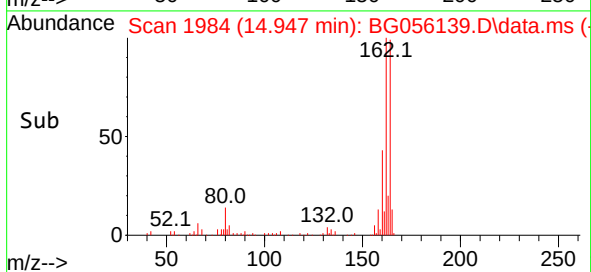
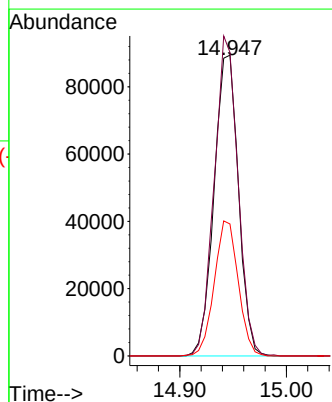
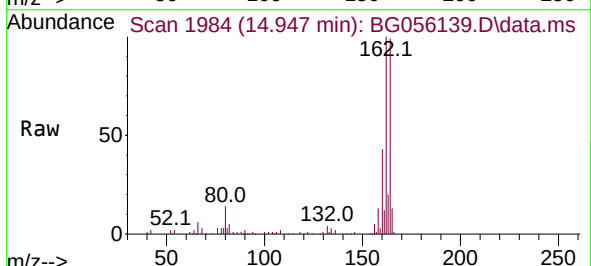
Tgt Ion: 164 Resp: 142250

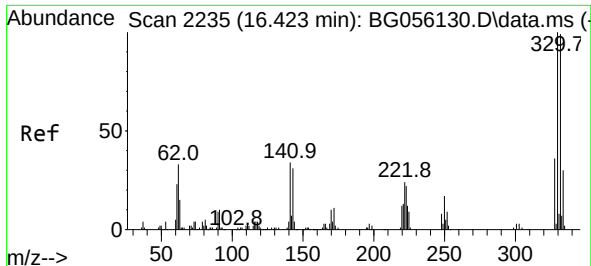
Ion Ratio Lower Upper

164 100

162 100.9 84.7 127.1

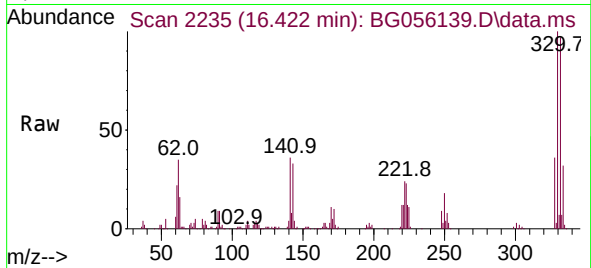
160 43.9 36.3 54.5



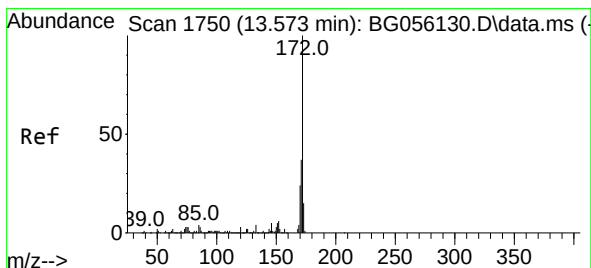
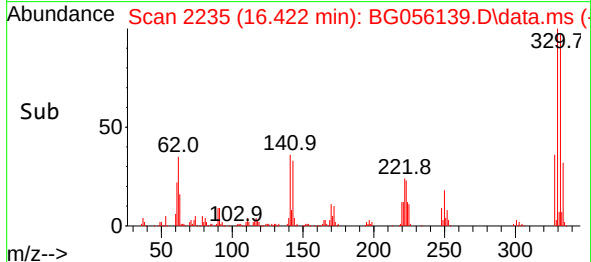
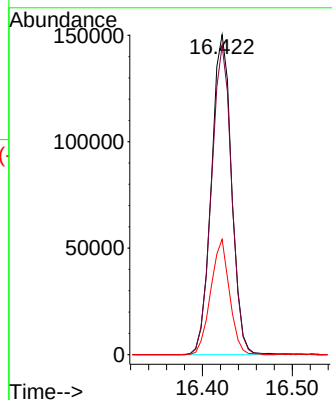


#42
2,4,6-Tribromophenol
Concen: 130.245 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Instrument :
BNA_G
ClientSampleId :
PB149838TB

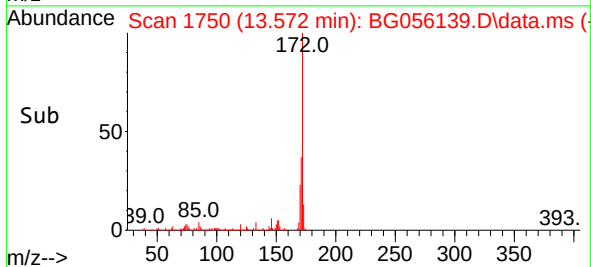
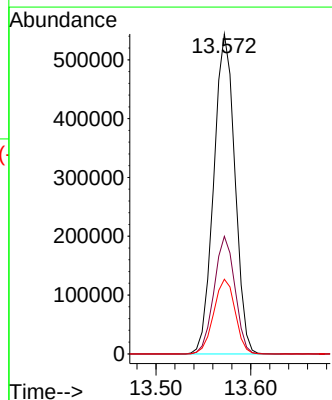
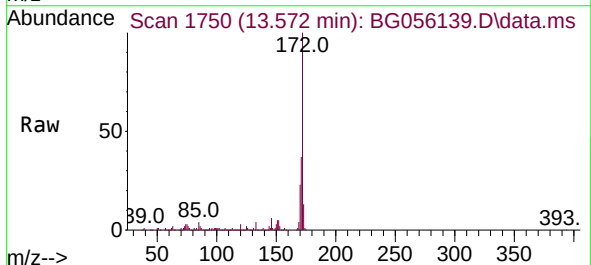


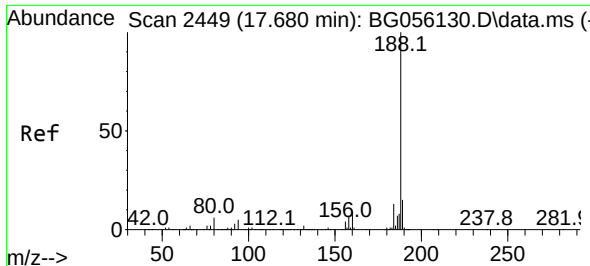
Tgt Ion:330 Resp: 234646
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.683 ng
RT: 13.572 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:172 Resp: 841438
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.3 19.4 29.2

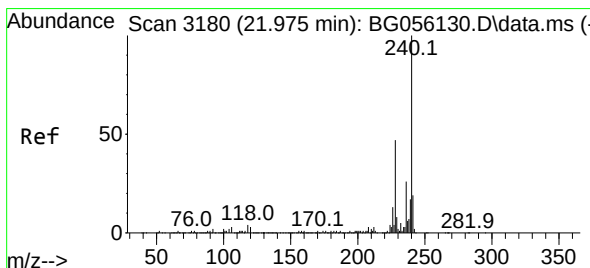
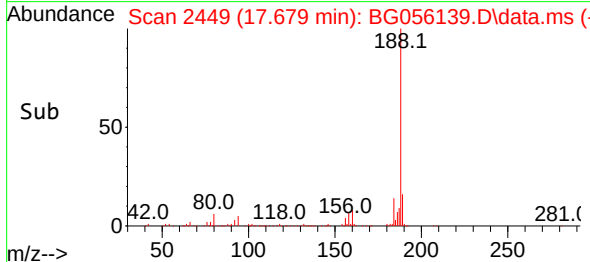
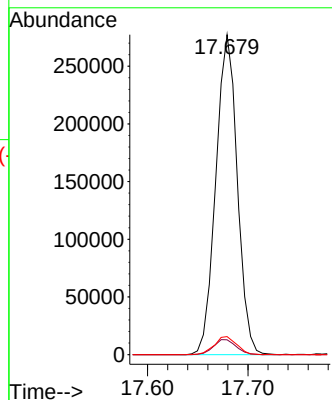
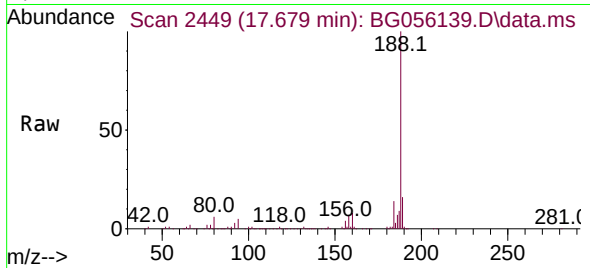




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.679 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

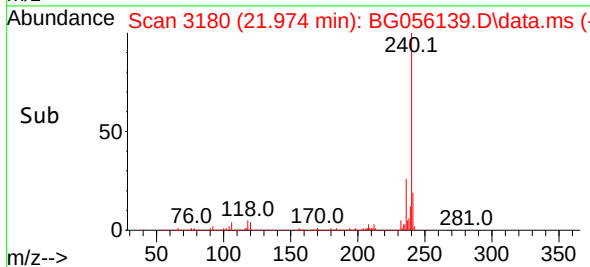
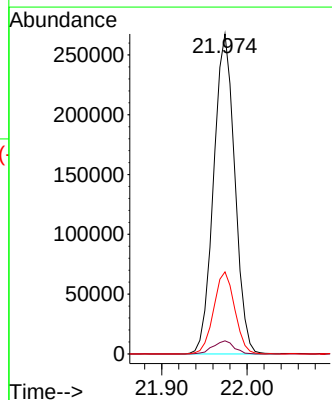
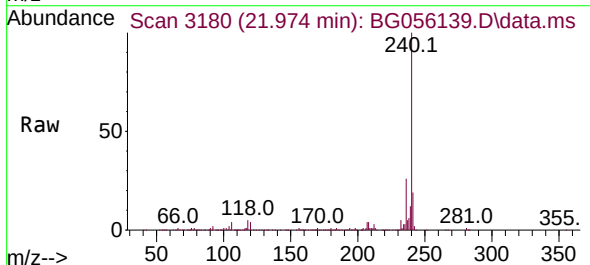
Instrument :
BNA_G
ClientSampleId :
PB149838TB

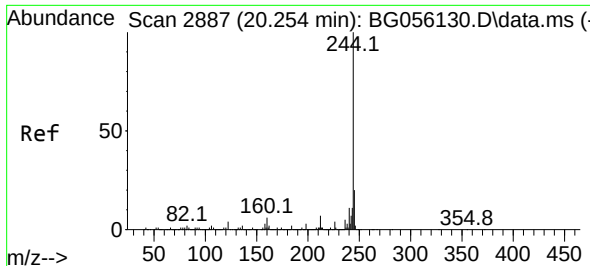
Tgt Ion:188 Resp: 413004
Ion Ratio Lower Upper
188 100
94 4.6 4.2 6.2
80 5.6 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 3180
Delta R.T. -0.001 min
Lab File: BG056139.D
Acq: 28 Dec 2022 14:12

Tgt Ion:240 Resp: 460198
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.6 20.8 31.2



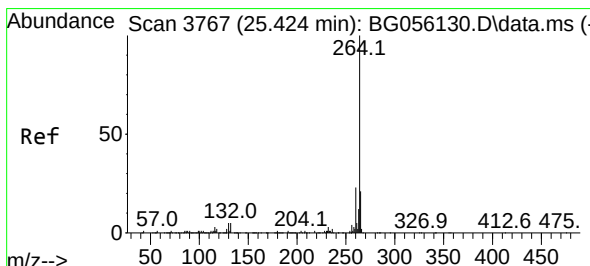
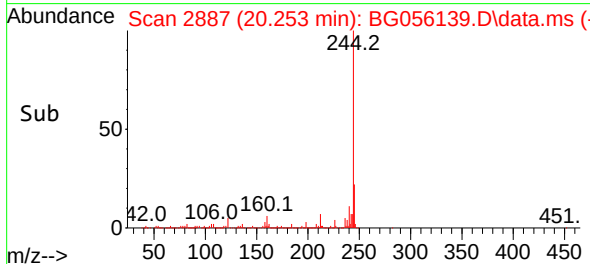
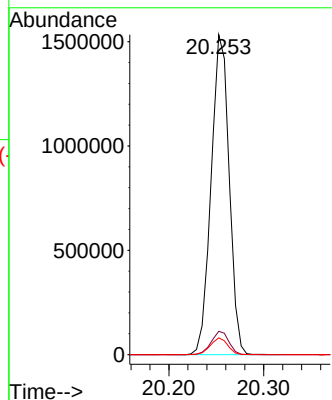
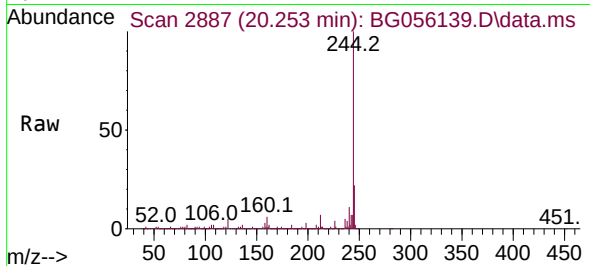


#79
 Terphenyl-d14
 Concen: 78.886 ng
 RT: 20.253 min Scan# 2887
 Delta R.T. -0.001 min
 Lab File: BG056139.D
 Acq: 28 Dec 2022 14:12

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 2026909

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	5.2	3.5	5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.429 min Scan# 3768
 Delta R.T. 0.005 min
 Lab File: BG056139.D
 Acq: 28 Dec 2022 14:12

Tgt Ion:264 Resp: 446295

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.1	16.7	25.1

