

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056270.D
 Acq On : 12 Jan 2023 15:56
 Operator : CG/JU
 Sample : 01106-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Jan 13 04:26:53 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	8.316	152	41015	20.000	ng	0.00
21) Naphthalene-d8	11.148	136	150013	20.000	ng	0.00
39) Acenaphthene-d10	14.926	164	126558	20.000	ng	0.00
64) Phenanthrene-d10	17.664	188	354280	20.000	ng	0.00
76) Chrysene-d12	21.959	240	362520	20.000	ng	# 0.00
86) Perylene-d12	25.396	264	387782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	317359	138.155	ng	0.01
7) Phenol-d6	7.452	99	410387	116.332	ng	0.00
23) Nitrobenzene-d5	9.491	82	255108	86.987	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	240609	150.114	ng	0.00
45) 2-Fluorobiphenyl	13.557	172	806673	88.018	ng	0.00
79) Terphenyl-d14	20.237	244	1875382	92.654	ng	0.00

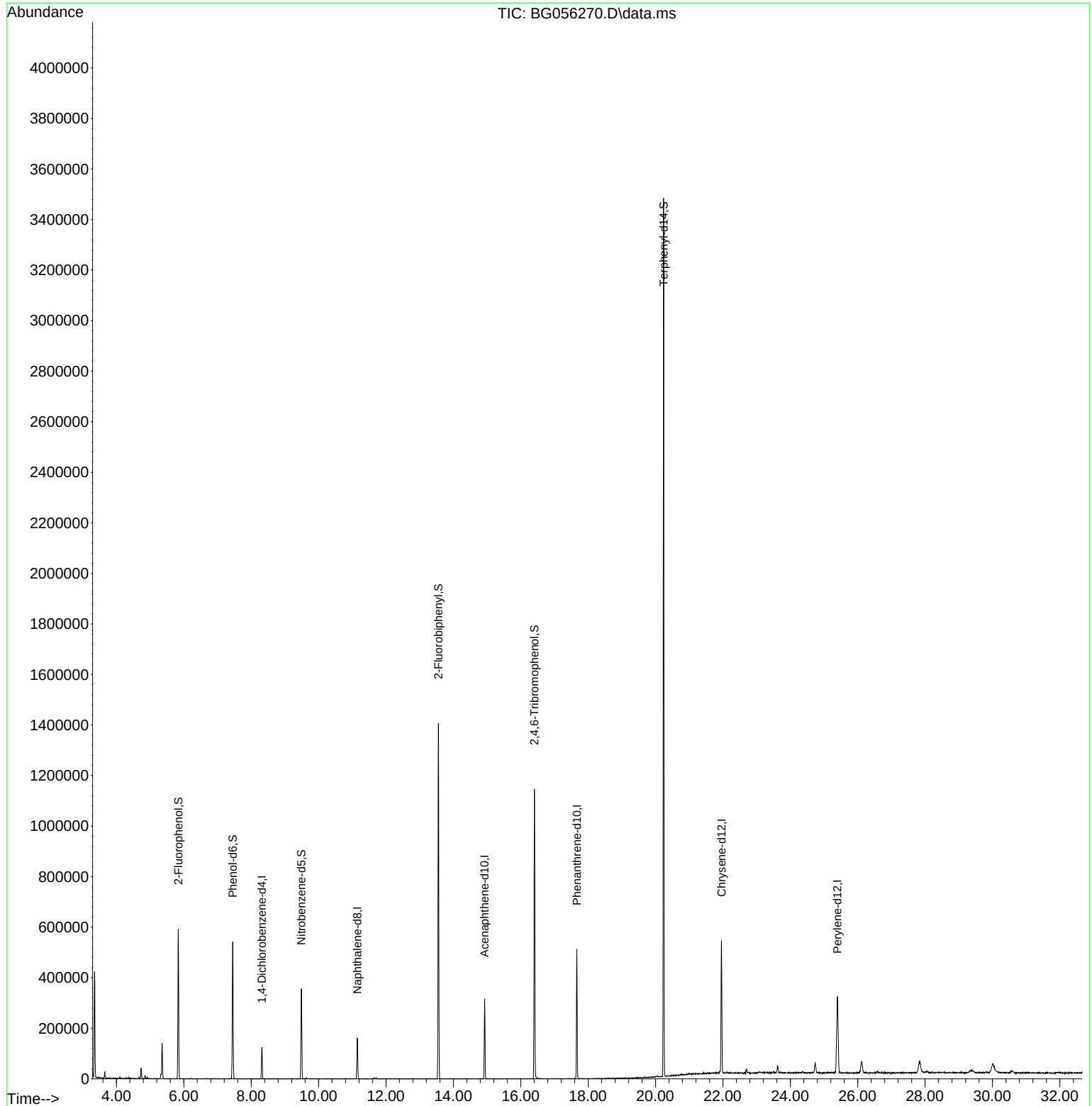
Target Compounds	Qvalue

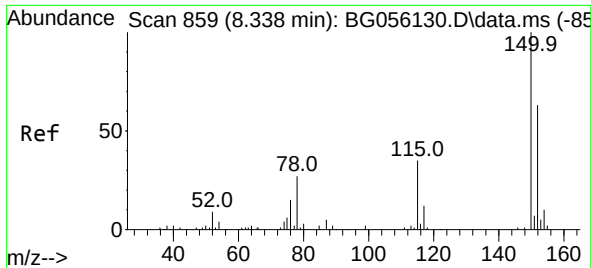
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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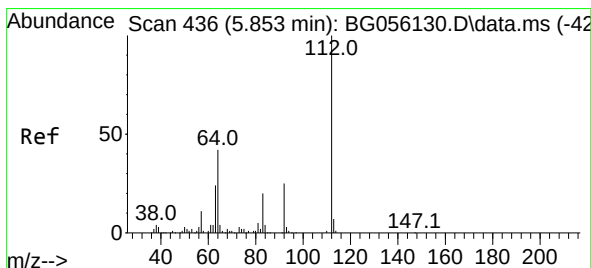
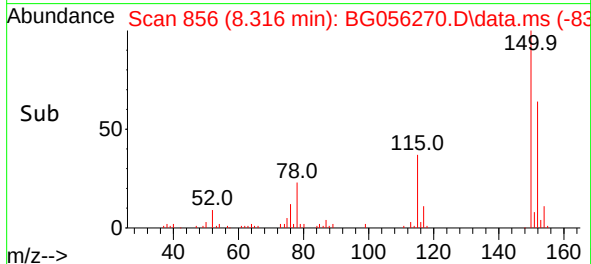
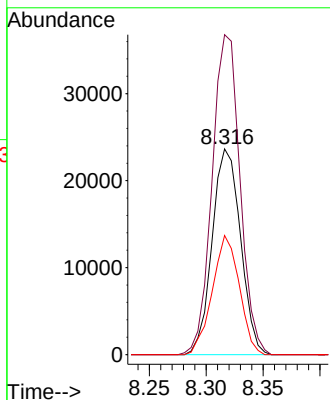
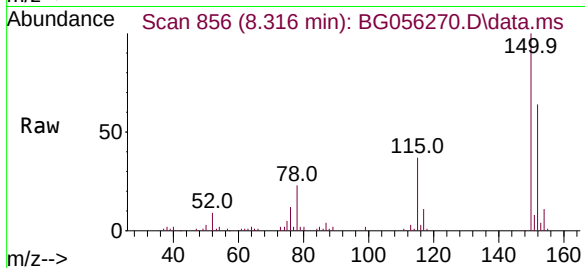




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.316 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

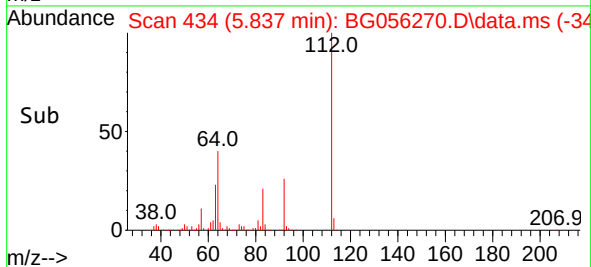
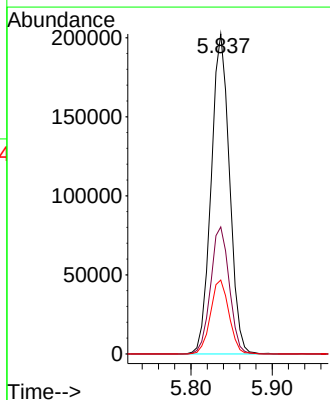
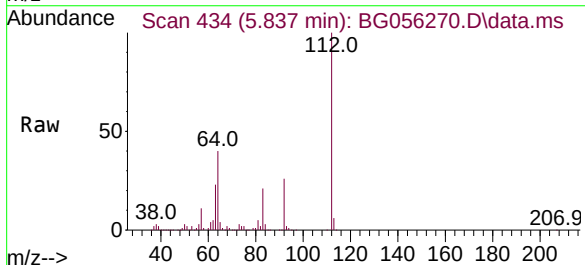
Instrument :
BNA_G
ClientSampleId :
TP-B

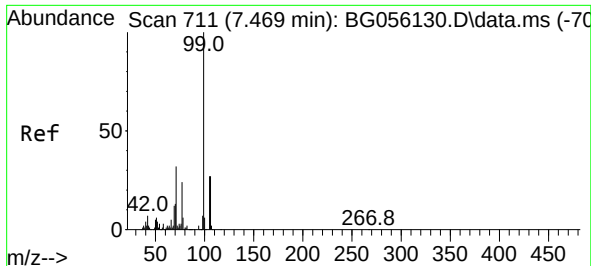
Tgt Ion:152 Resp: 41015
Ion Ratio Lower Upper
152 100
150 155.6 127.9 191.9
115 57.9 44.2 66.2



#5
2-Fluorophenol
Concen: 138.155 ng
RT: 5.837 min Scan# 434
Delta R.T. 0.011 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:112 Resp: 317359
Ion Ratio Lower Upper
112 100
64 39.7 33.3 49.9
63 23.1 19.0 28.4

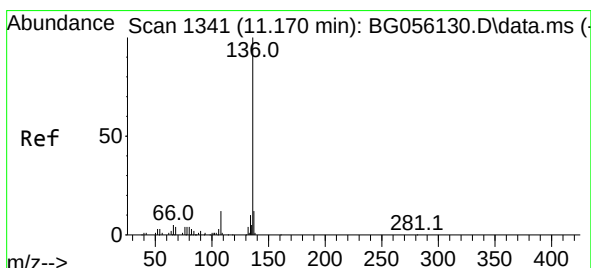
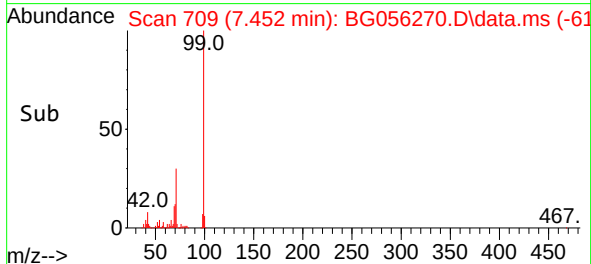
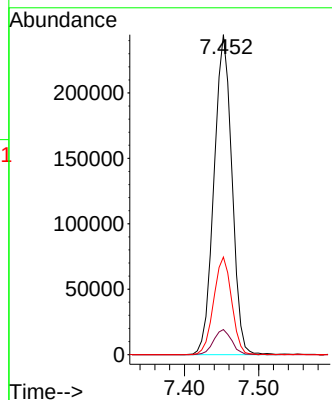
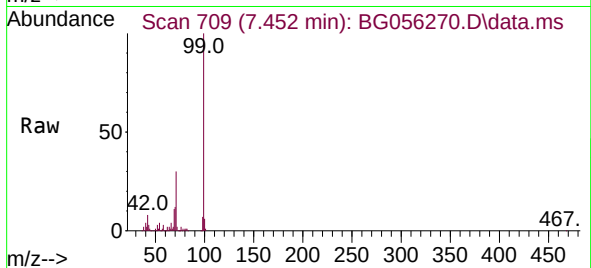




#7
Phenol-d6
Concen: 116.332 ng
RT: 7.452 min Scan# 70
Delta R.T. 0.005 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

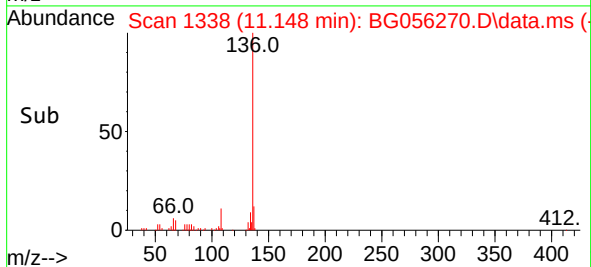
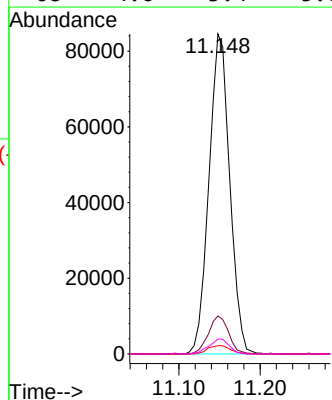
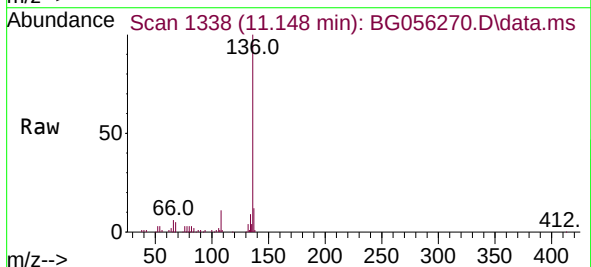
Instrument :
BNA_G
ClientSampleId :
TP-B

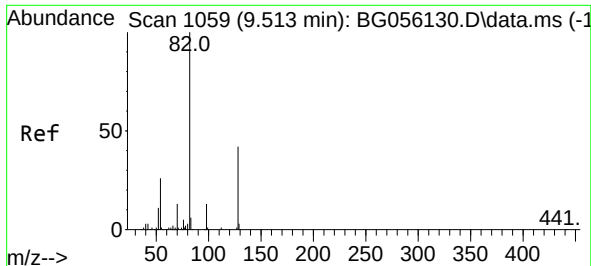
Tgt Ion: 99 Resp: 410387
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.5 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.148 min Scan# 1338
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:136 Resp: 150013
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.6 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 86.987 ng

RT: 9.491 min Scan# 1056

Delta R.T. -0.001 min

Lab File: BG056270.D

Acq: 12 Jan 2023 15:56

Instrument :

BNA_G

ClientSampleId :

TP-B

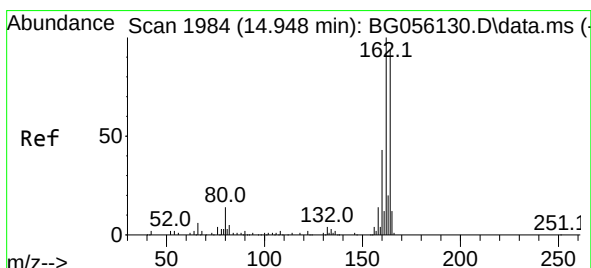
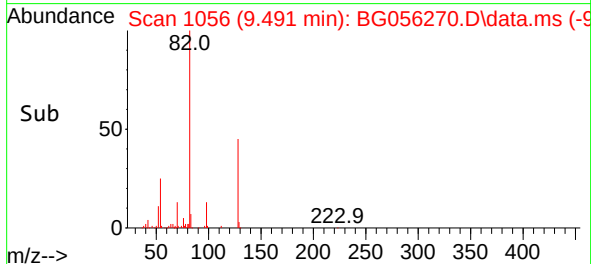
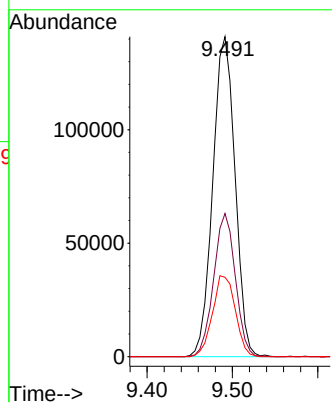
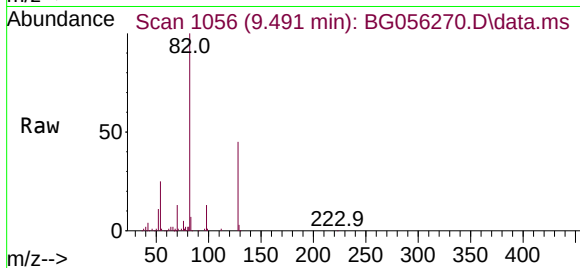
Tgt Ion: 82 Resp: 255108

Ion Ratio Lower Upper

82 100

128 44.7 33.4 50.2

54 24.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.926 min Scan# 1981

Delta R.T. -0.001 min

Lab File: BG056270.D

Acq: 12 Jan 2023 15:56

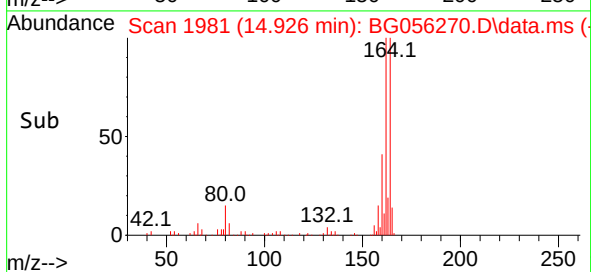
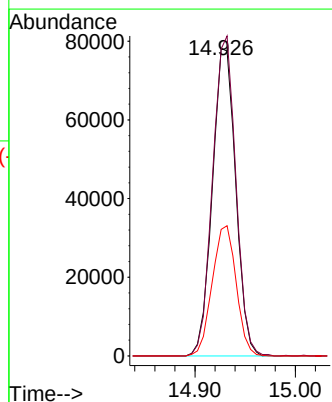
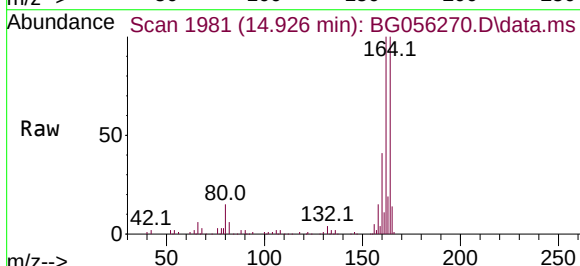
Tgt Ion: 164 Resp: 126558

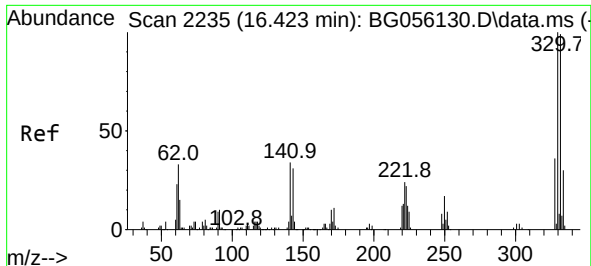
Ion Ratio Lower Upper

164 100

162 99.9 84.7 127.1

160 41.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 150.114 ng

RT: 16.407 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056270.D

Acq: 12 Jan 2023 15:56

Instrument :

BNA_G

ClientSampleId :

TP-B

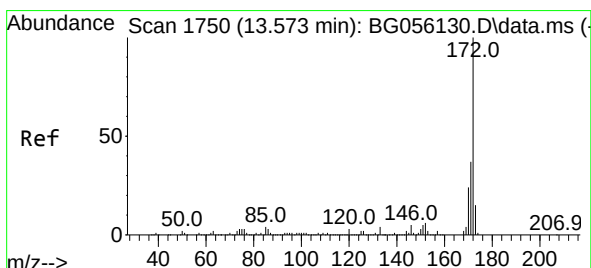
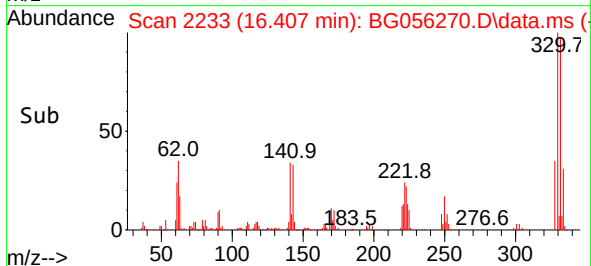
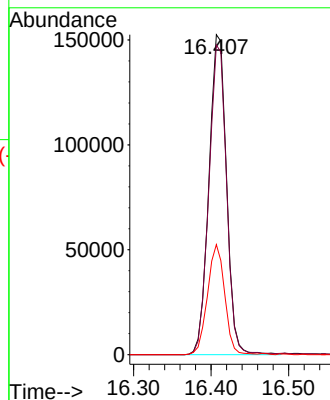
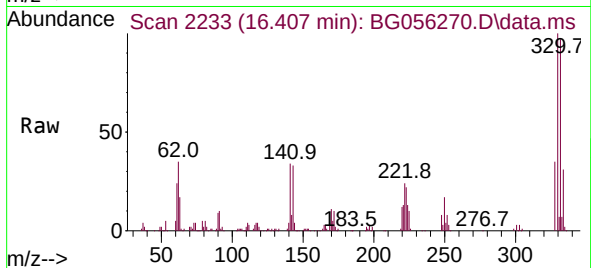
Tgt Ion:330 Resp: 240609

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.5 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 88.018 ng

RT: 13.557 min Scan# 1748

Delta R.T. -0.001 min

Lab File: BG056270.D

Acq: 12 Jan 2023 15:56

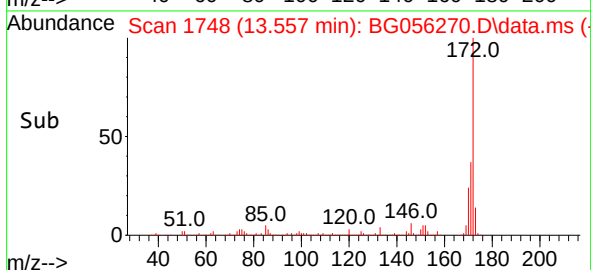
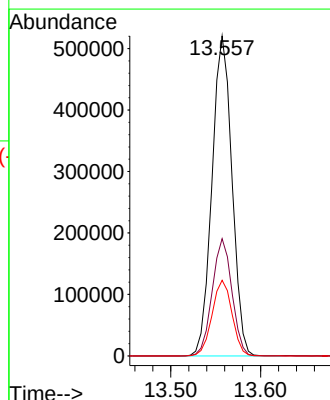
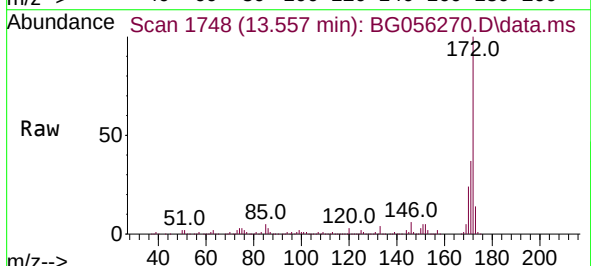
Tgt Ion:172 Resp: 806673

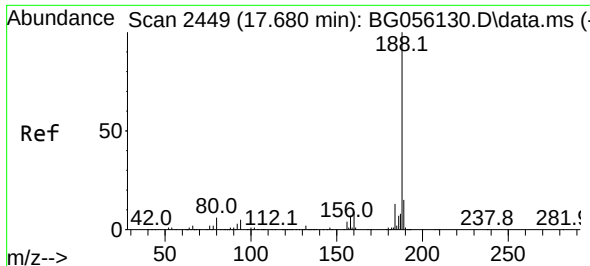
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 23.6 19.4 29.2

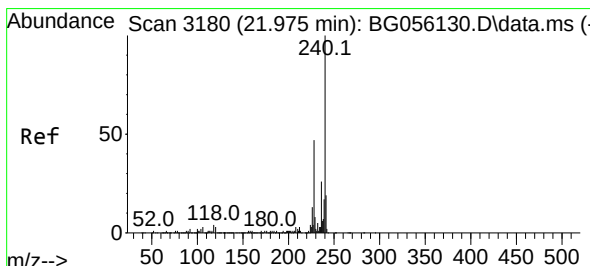
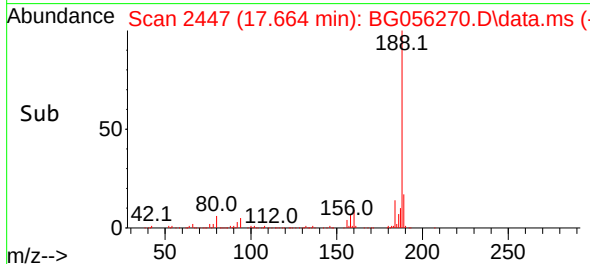
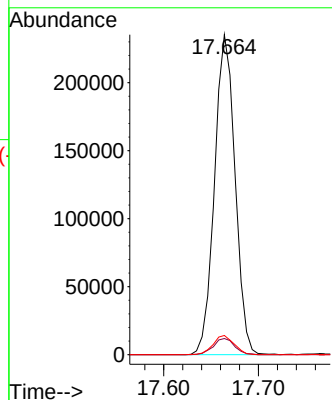
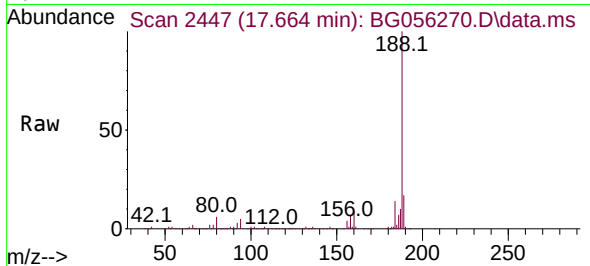




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

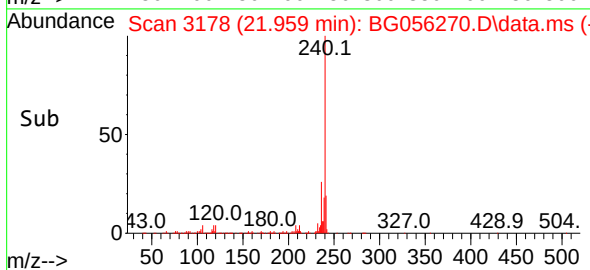
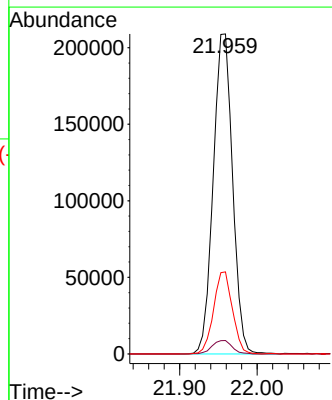
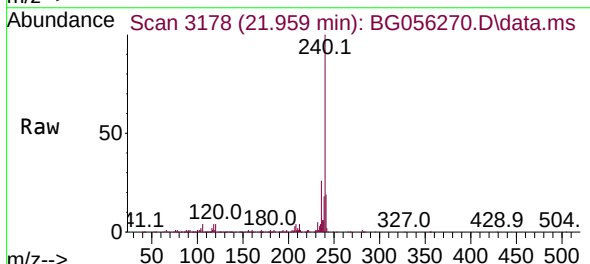
Instrument :
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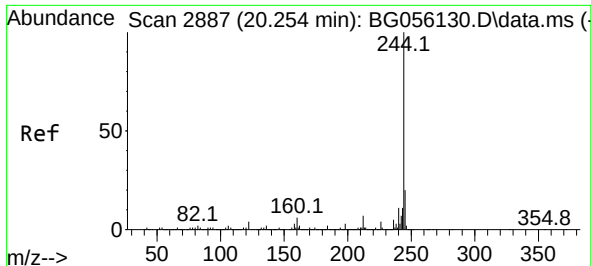
Tgt Ion:188 Resp: 354280
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.2
80 6.0 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.959 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG056270.D
Acq: 12 Jan 2023 15:56

Tgt Ion:240 Resp: 362520
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2

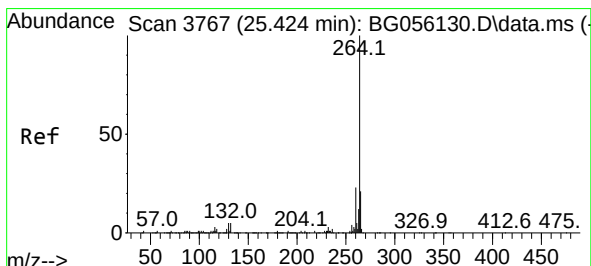
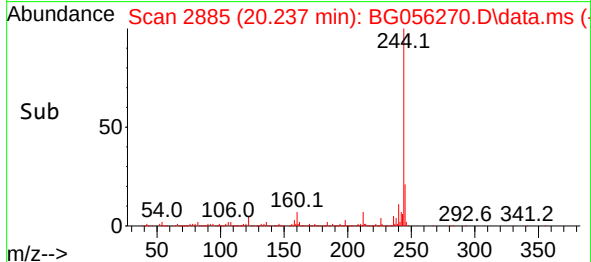
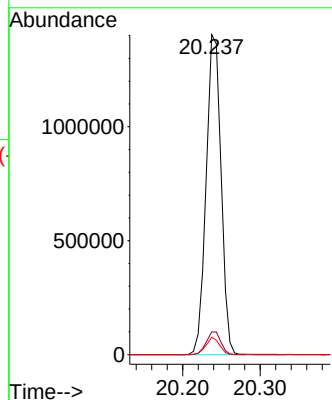
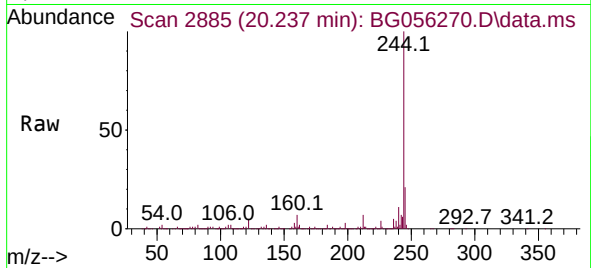




#79
 Terphenyl-d14
 Concen: 92.654 ng
 RT: 20.237 min Scan# 2885
 Delta R.T. -0.001 min
 Lab File: BG056270.D
 Acq: 12 Jan 2023 15:56

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Tgt Ion:244 Resp: 1875382
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.4 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.396 min Scan# 3763
 Delta R.T. -0.006 min
 Lab File: BG056270.D
 Acq: 12 Jan 2023 15:56

Tgt Ion:264 Resp: 387782
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.7 16.7 25.1

