

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122222\
 Data File : BG056060.D
 Acq On : 22 Dec 2022 12:36
 Operator : CG/JU
 Sample : PB149728BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149728BL

Quant Time: Dec 23 05:15:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	7654	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	29287	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	28118	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	83363	20.000	ng	# 0.00
76) Chrysene-d12	22.002	240	104028	20.000	ng	#-0.01
86) Perylene-d12	25.480	264	114395	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.874	112	54699	167.597	ng	0.00
7) Phenol-d6	7.489	99	67006	159.629	ng	0.00
23) Nitrobenzene-d5	9.528	82	43944	104.855	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	103066	152.013	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	171241	85.412	ng	0.00
79) Terphenyl-d14	20.274	244	538831	91.545	ng	0.00

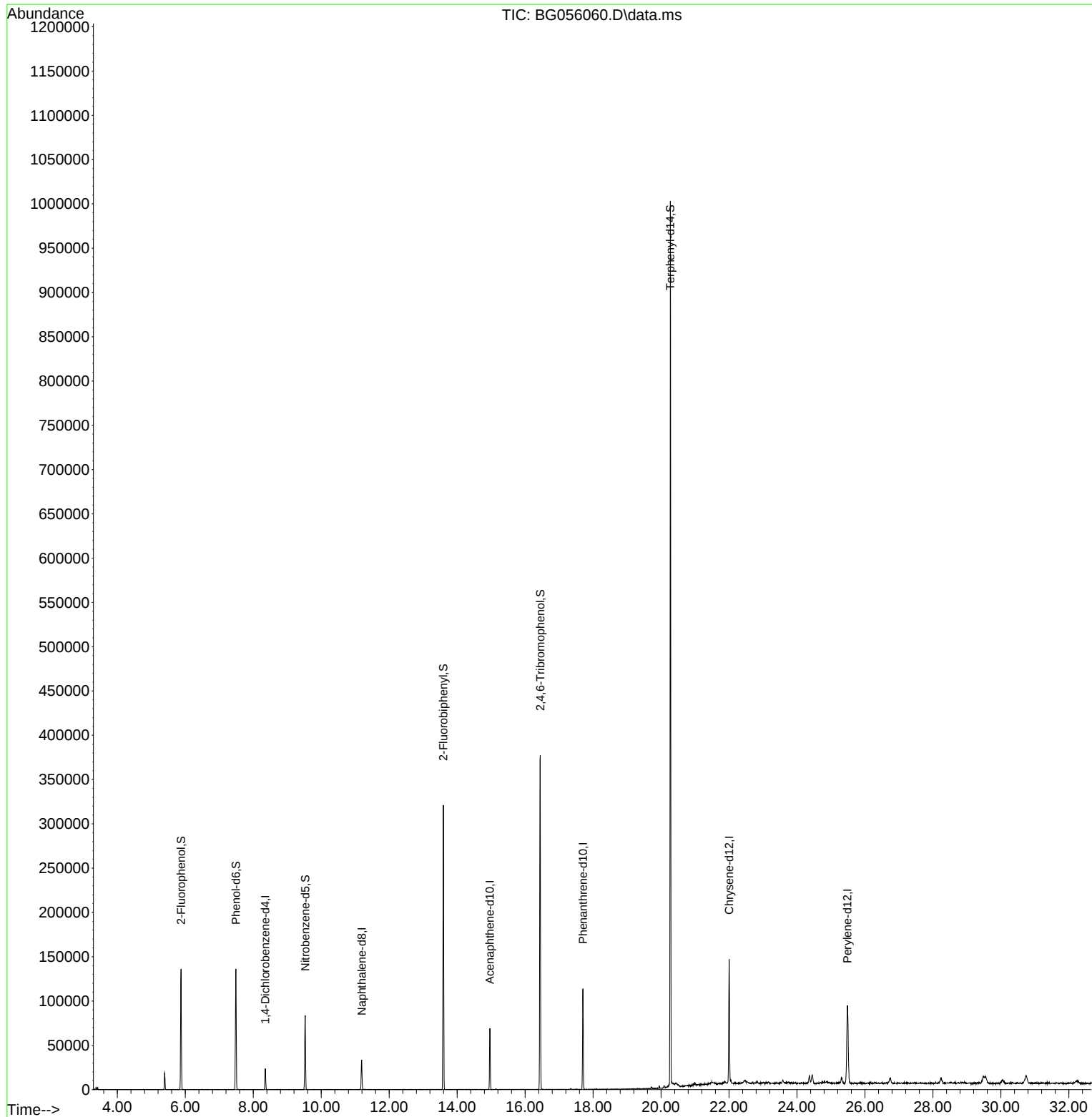
Target Compounds	Qvalue

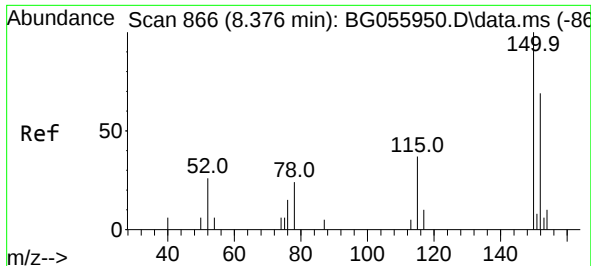
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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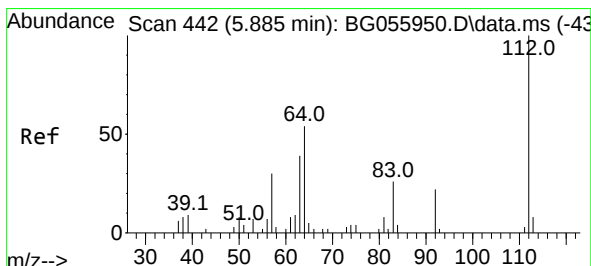
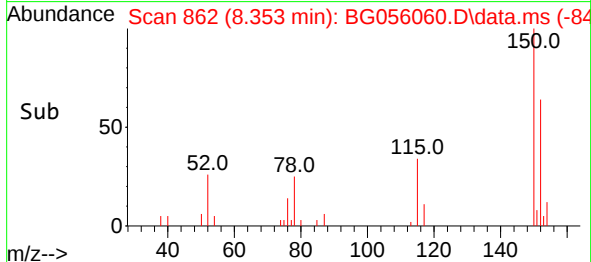
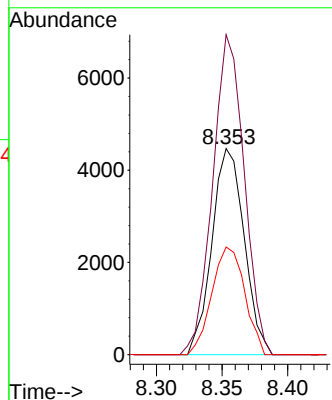
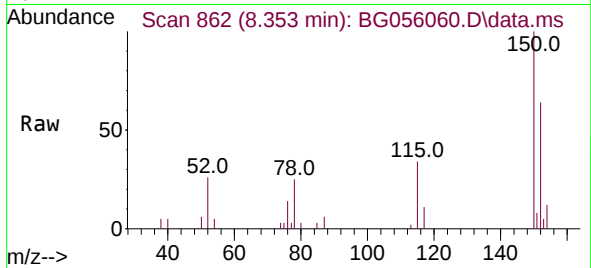




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.353 min Scan# 866
Delta R.T. 0.000 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

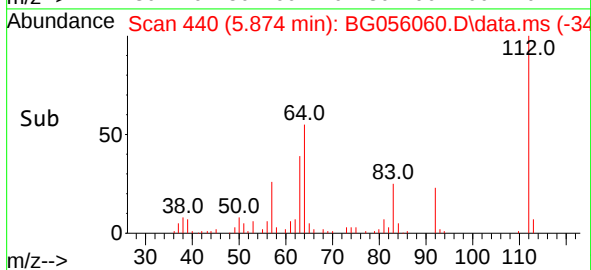
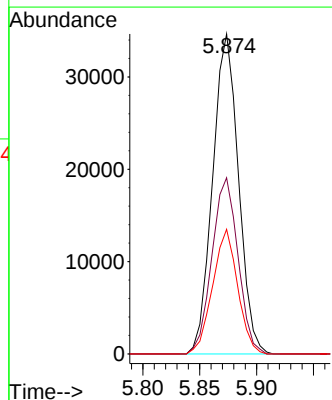
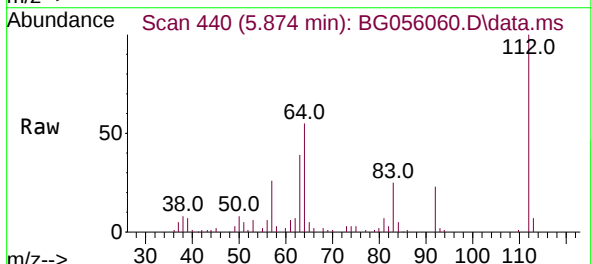
Instrument :
BNA_G
ClientSampleId :
PB149728BL

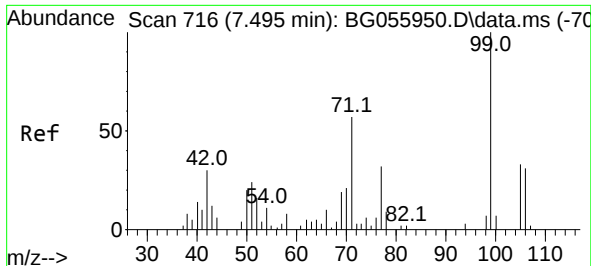
Tgt Ion:152 Resp: 7654
Ion Ratio Lower Upper
152 100
150 155.3 115.7 173.5
115 52.2 43.0 64.4



#5
2-Fluorophenol
Concen: 167.597 ng
RT: 5.874 min Scan# 440
Delta R.T. 0.006 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:112 Resp: 54699
Ion Ratio Lower Upper
112 100
64 55.0 43.0 64.4
63 38.9 31.4 47.2

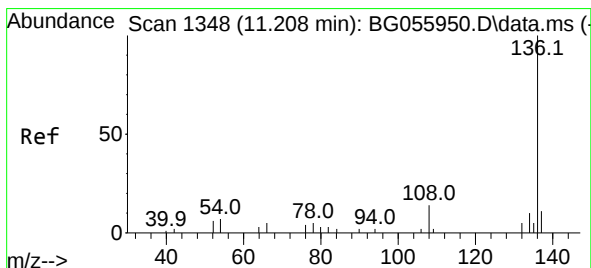
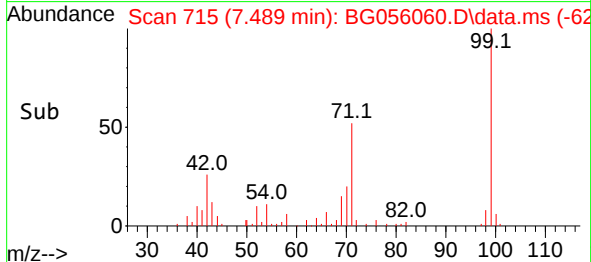
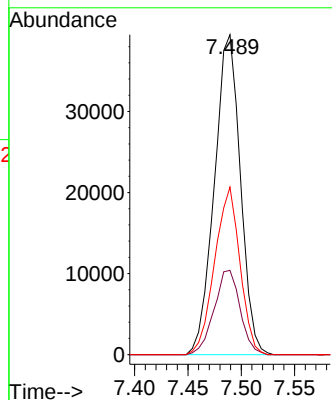
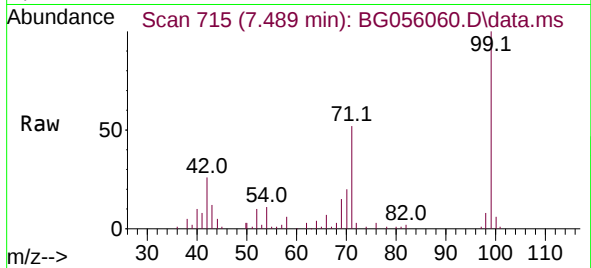




#7
Phenol-d6
Concen: 159.629 ng
RT: 7.489 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

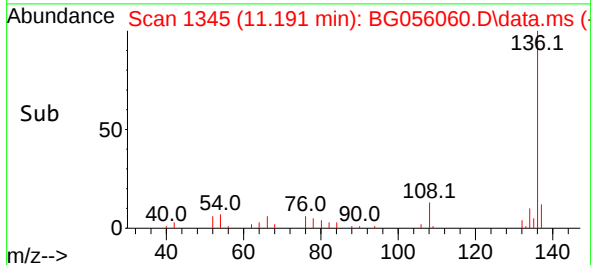
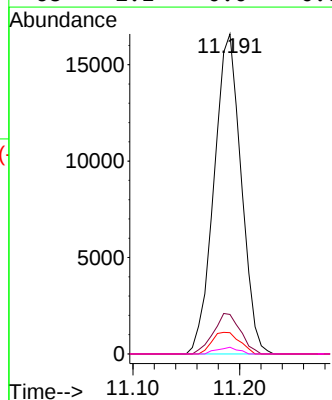
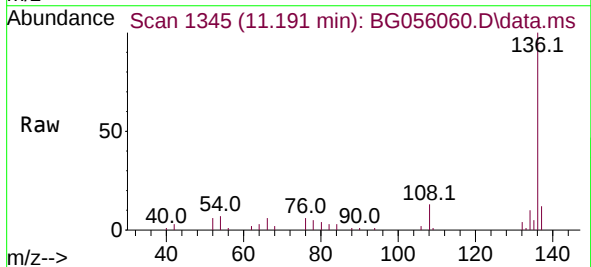
Instrument :
BNA_G
ClientSampleId :
PB149728BL

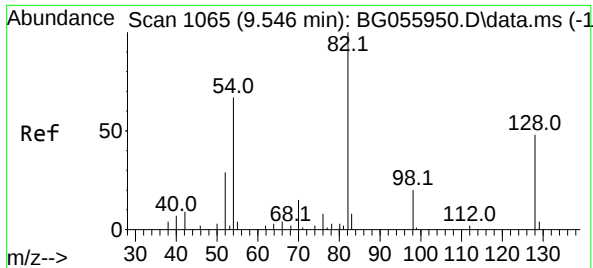
Tgt Ion: 99 Resp: 67006
Ion Ratio Lower Upper
99 100
42 26.3 24.3 36.5
71 52.4 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:136 Resp: 29287
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 6.6 5.6 8.4
68 2.1 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 104.855 ng

RT: 9.528 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

Instrument :

BNA_G

ClientSampleId :

PB149728BL

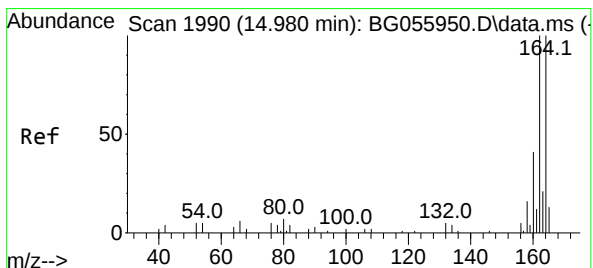
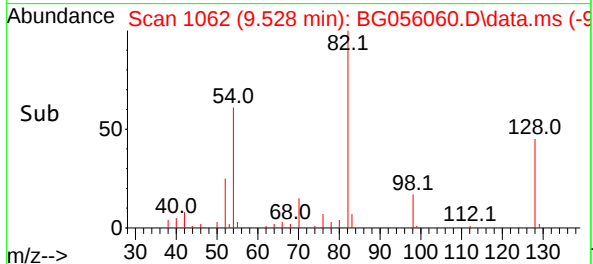
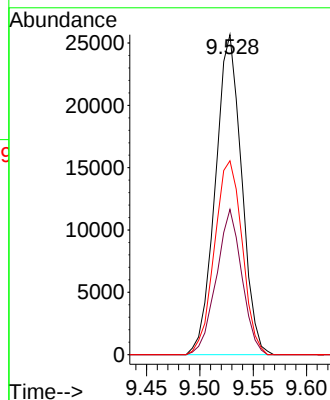
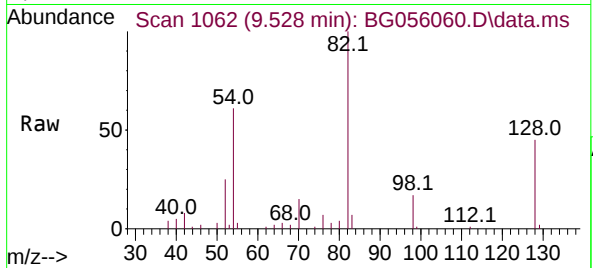
Tgt Ion: 82 Resp: 43944

Ion Ratio Lower Upper

82 100

128 45.4 38.4 57.6

54 60.6 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.963 min Scan# 1987

Delta R.T. -0.006 min

Lab File: BG056060.D

Acq: 22 Dec 2022 12:36

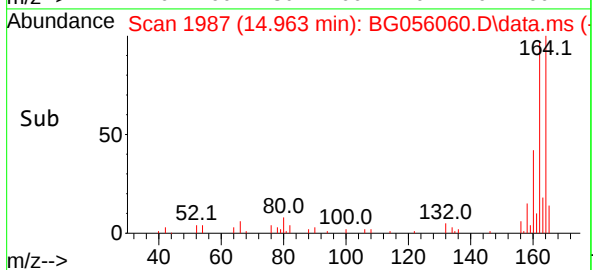
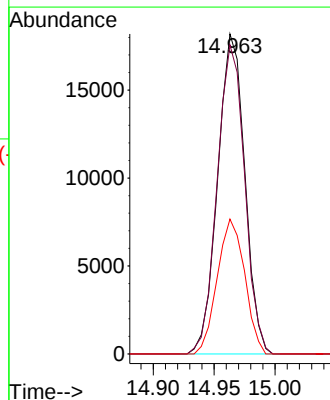
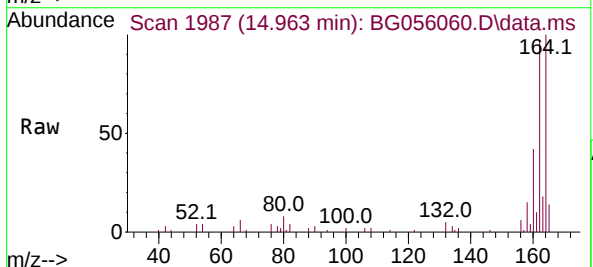
Tgt Ion:164 Resp: 28118

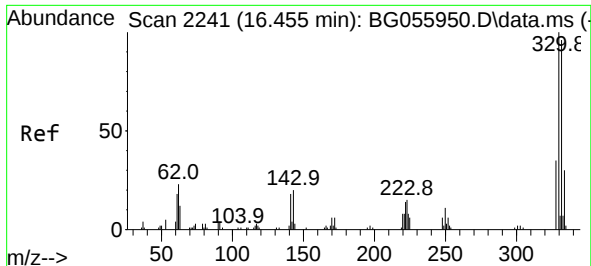
Ion Ratio Lower Upper

164 100

162 96.5 79.8 119.8

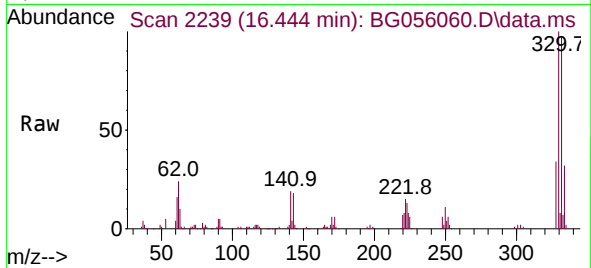
160 42.1 33.0 49.4



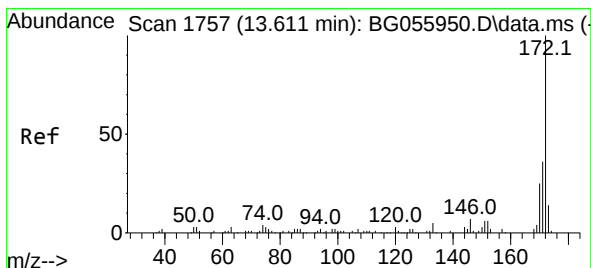
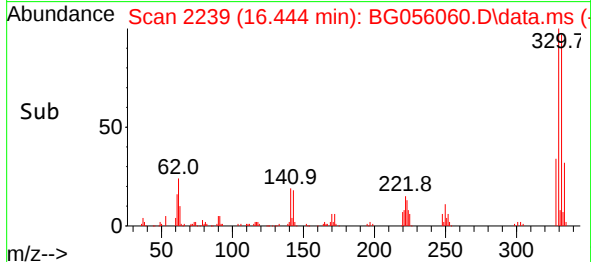
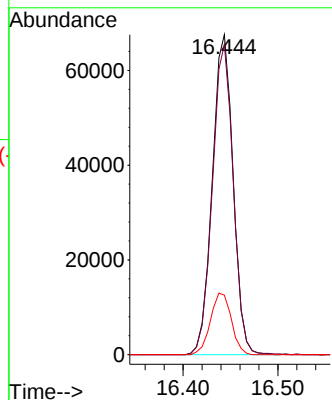


#42
 2,4,6-Tribromophenol
 Concen: 152.013 ng
 RT: 16.444 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056060.D
 Acq: 22 Dec 2022 12:36

Instrument :
 BNA_G
 ClientSampleId :
 PB149728BL

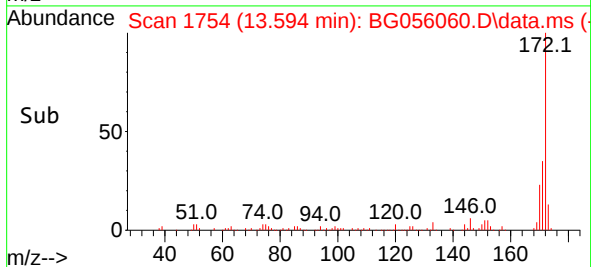
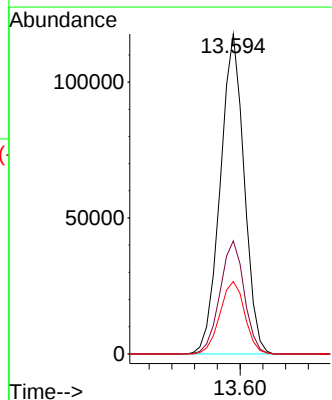
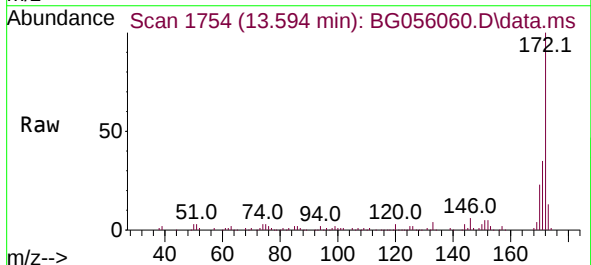


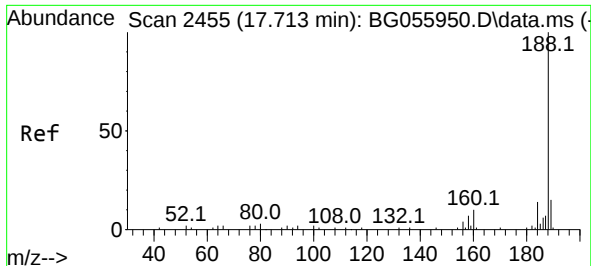
Tgt Ion:330 Resp: 103066
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 19.3 15.0 22.4



#45
 2-Fluorobiphenyl
 Concen: 85.412 ng
 RT: 13.594 min Scan# 1754
 Delta R.T. 0.000 min
 Lab File: BG056060.D
 Acq: 22 Dec 2022 12:36

Tgt Ion:172 Resp: 171241
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 22.7 19.9 29.9

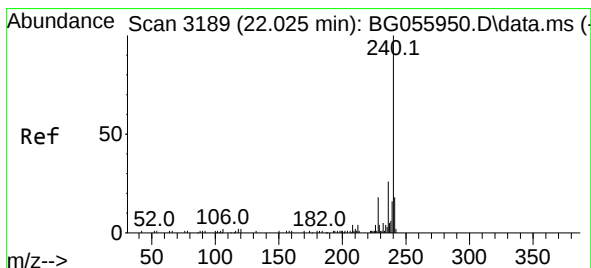
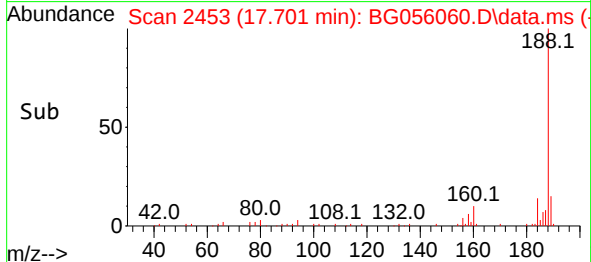
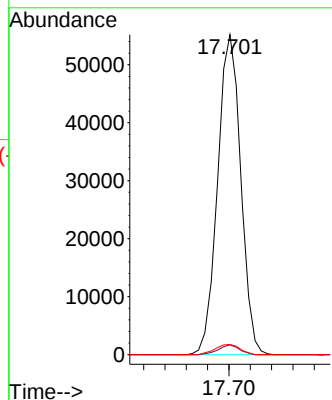
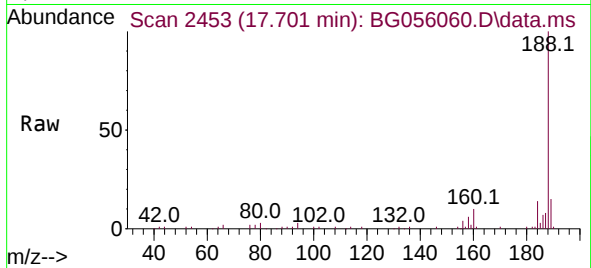




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.701 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

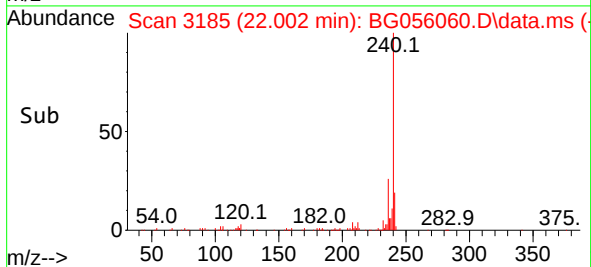
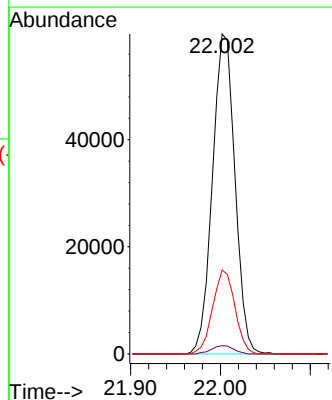
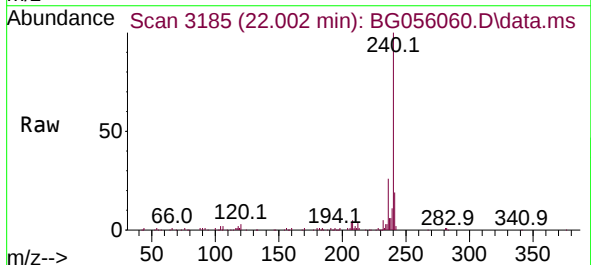
Instrument :
BNA_G
ClientSampleId :
PB149728BL

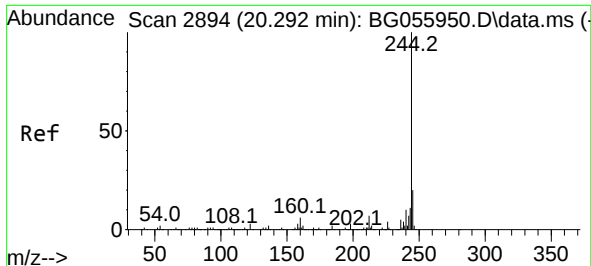
Tgt Ion:188 Resp: 83363
Ion Ratio Lower Upper
188 100
94 3.0 1.8 2.8#
80 3.2 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.002 min Scan# 3185
Delta R.T. -0.012 min
Lab File: BG056060.D
Acq: 22 Dec 2022 12:36

Tgt Ion:240 Resp: 104028
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 26.2 21.1 31.7

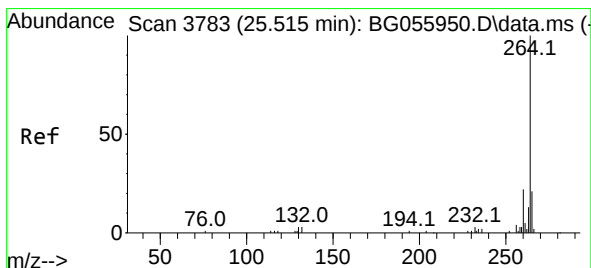
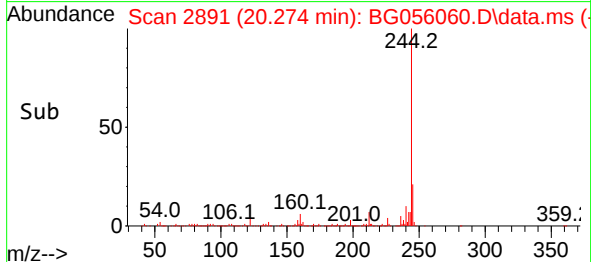
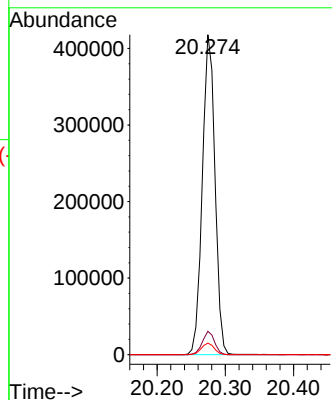
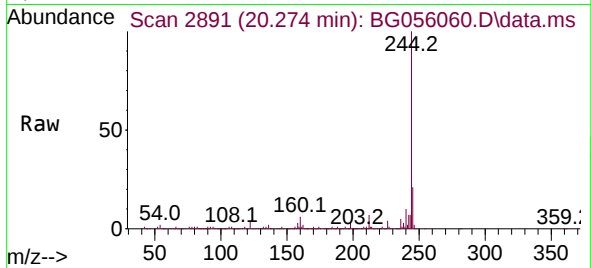




#79
 Terphenyl-d14
 Concen: 91.545 ng
 RT: 20.274 min Scan# 2894
 Delta R.T. -0.006 min
 Lab File: BG056060.D
 Acq: 22 Dec 2022 12:36

Instrument :
 BNA_G
 ClientSampleId :
 PB149728BL

Tgt Ion:244 Resp: 538831
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.480 min Scan# 3777
 Delta R.T. -0.012 min
 Lab File: BG056060.D
 Acq: 22 Dec 2022 12:36

Tgt Ion:264 Resp: 114395
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.8 26.8
 265 20.5 16.6 25.0

