

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
 Data File : BG056048.D
 Acq On : 21 Dec 2022 14:39
 Operator : CG/JU
 Sample : N6089-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-24

Quant Time: Dec 22 01:24:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	9692	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	36819	20.000	ng	# 0.00
39) Acenaphthene-d10	14.968	164	31985	20.000	ng	0.00
64) Phenanthrene-d10	17.706	188	84707	20.000	ng	0.00
76) Chrysene-d12	22.007	240	85459	20.000	ng	# 0.00
86) Perylene-d12	25.491	264	104401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.879	112	45974	111.244	ng	0.00
7) Phenol-d6	7.488	99	59033	111.063	ng	0.00
23) Nitrobenzene-d5	9.533	82	39302	74.595	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	85738	111.167	ng	0.00
45) 2-Fluorobiphenyl	13.599	172	148463	65.098	ng	0.00
79) Terphenyl-d14	20.279	244	334048	69.085	ng	0.00

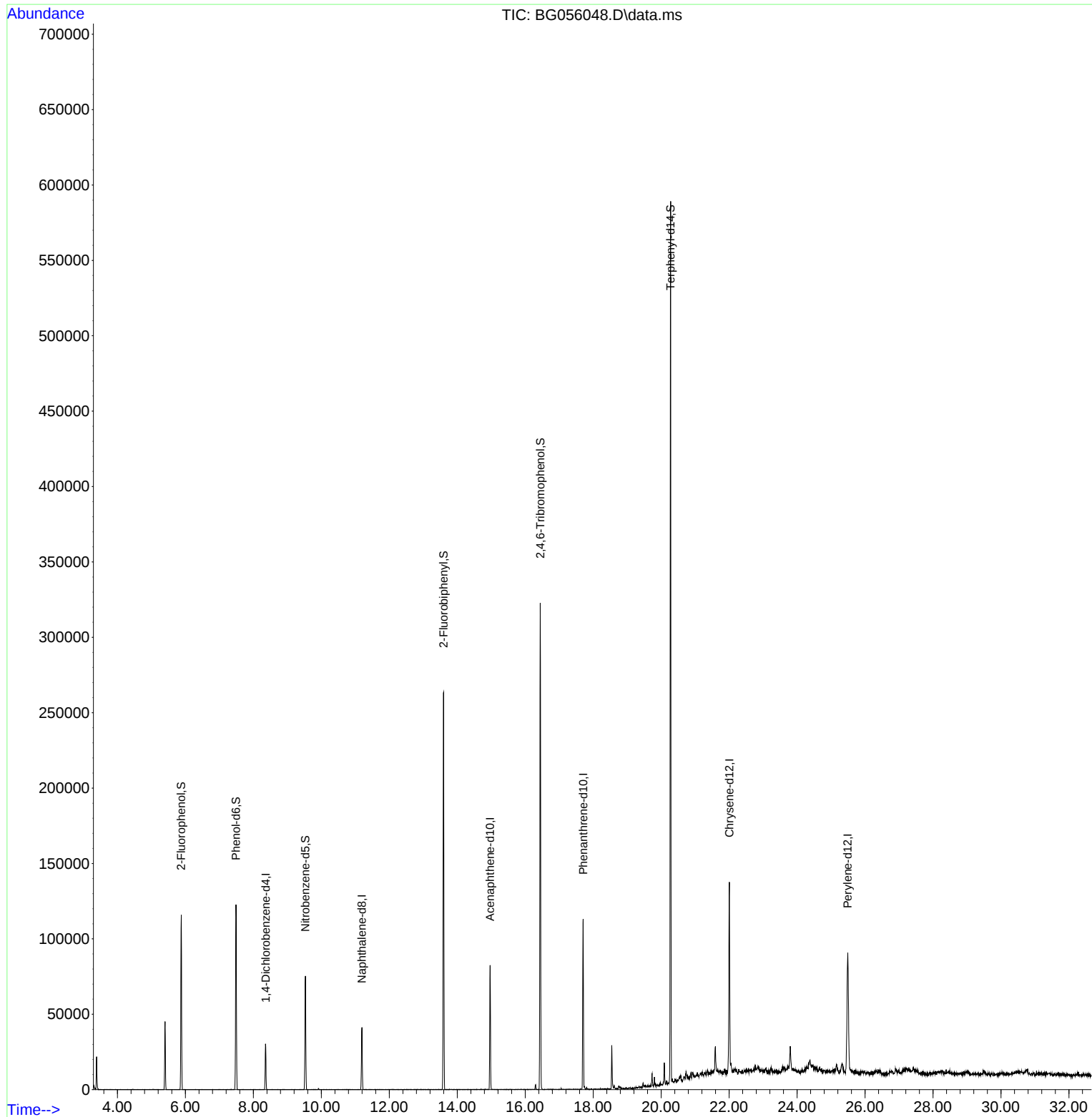
Target Compounds	Qvalue

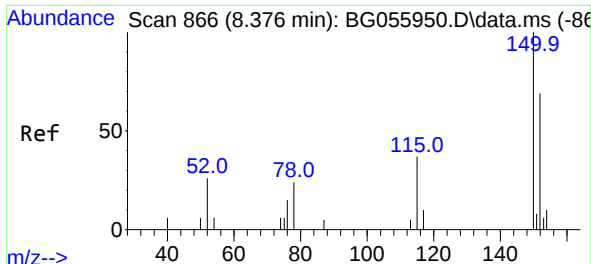
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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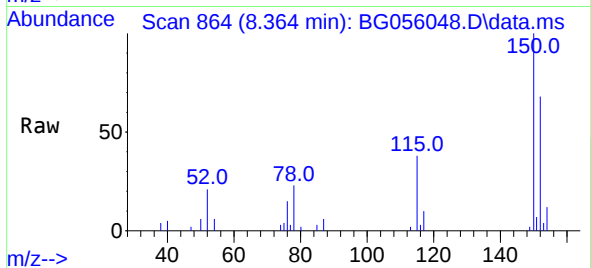
Quant Time: Dec 22 01:24:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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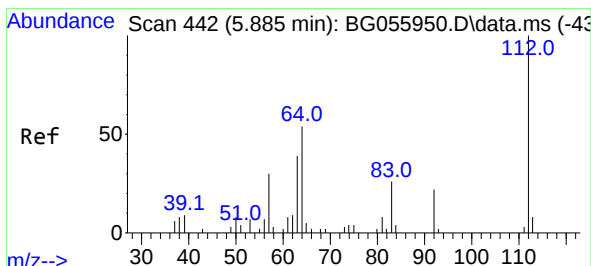
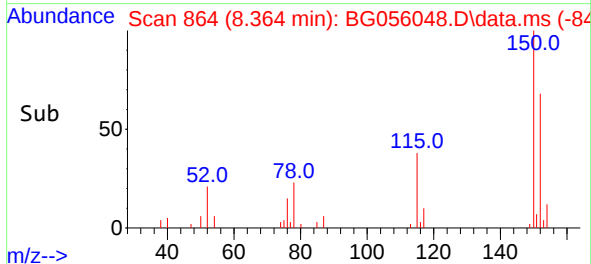
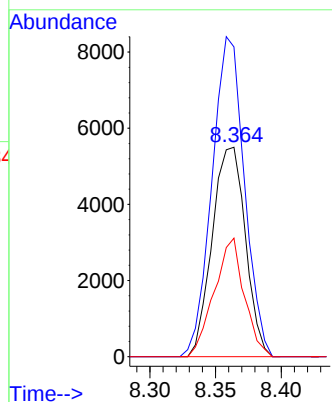


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.364 min Scan# 866
Delta R.T. -0.001 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

Instrument :
BNA_G
ClientSampleId :
MH-24

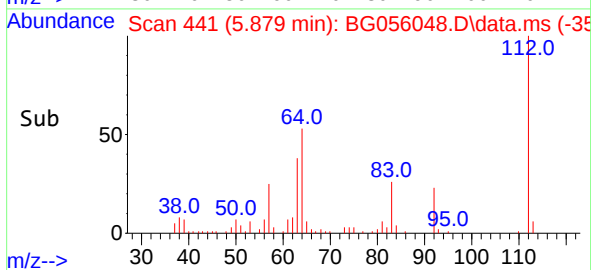
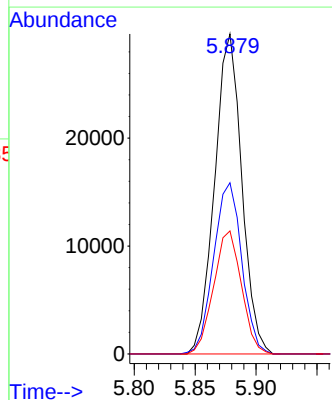
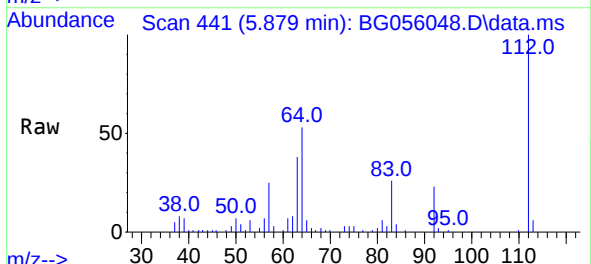


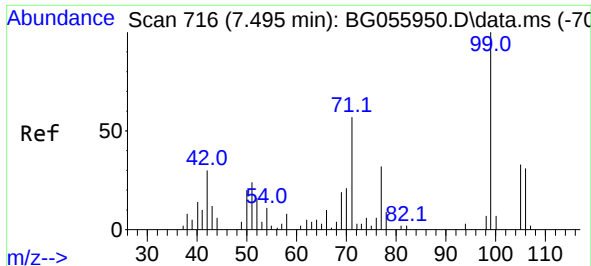
Tgt Ion:152 Resp: 9692
Ion Ratio Lower Upper
152 100
150 147.9 115.7 173.5
115 56.6 43.0 64.4



#5
2-Fluorophenol
Concen: 111.244 ng
RT: 5.879 min Scan# 441
Delta R.T. -0.001 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

Tgt Ion:112 Resp: 45974
Ion Ratio Lower Upper
112 100
64 53.5 43.0 64.4
63 38.4 31.4 47.2

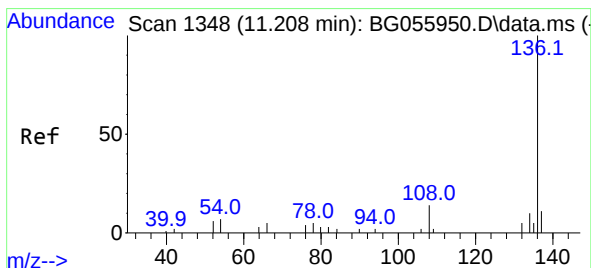
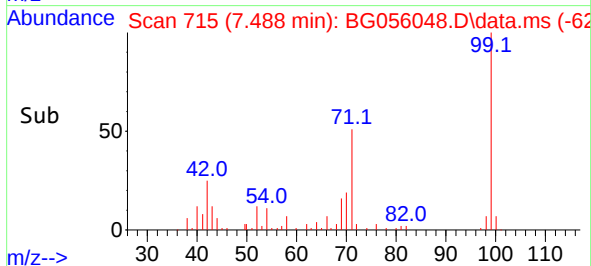
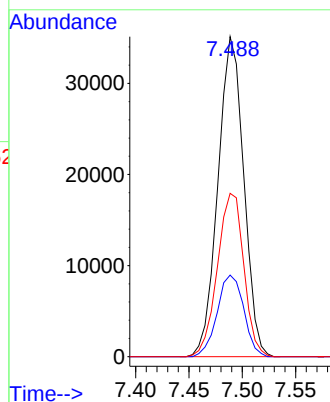
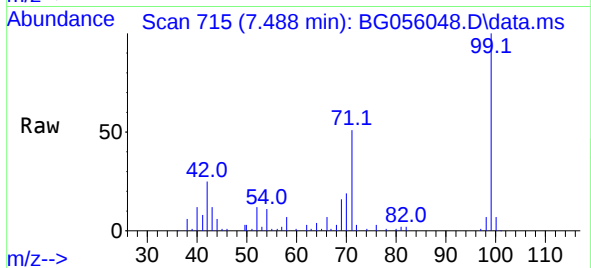




#7
Phenol-d6
Concen: 111.063 ng
RT: 7.488 min Scan# 716
Delta R.T. -0.007 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

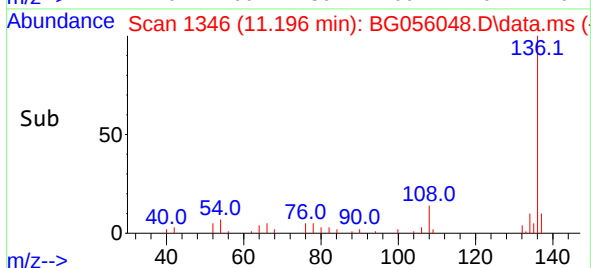
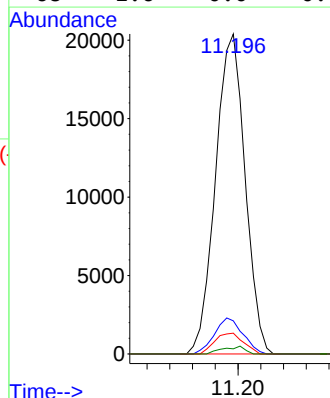
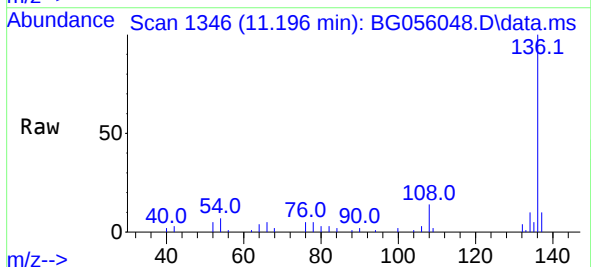
Instrument :
BNA_G
ClientSampleId :
MH-24

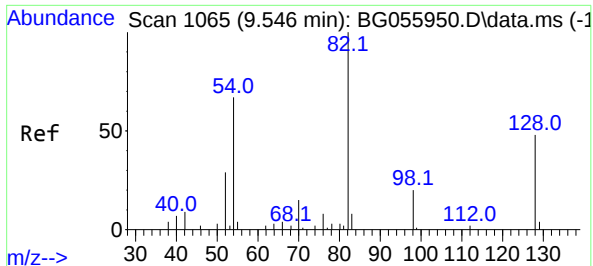
Tgt Ion: 99 Resp: 59033
Ion Ratio Lower Upper
99 100
42 25.5 24.3 36.5
71 51.1 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

Tgt Ion:136 Resp: 36819
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 6.5 5.6 8.4
68 1.6 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 74.595 ng

RT: 9.533 min Scan# 1063

Delta R.T. -0.007 min

Lab File: BG056048.D

Acq: 21 Dec 2022 14:39

Instrument :

BNA_G

ClientSampleId :

MH-24

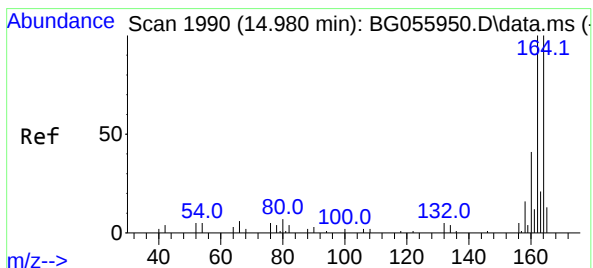
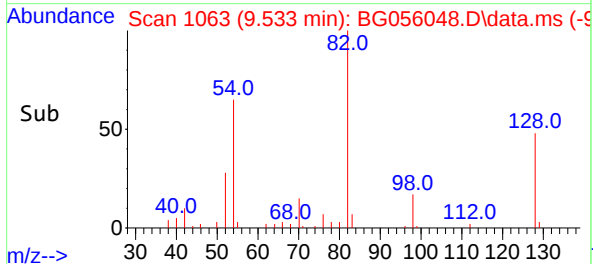
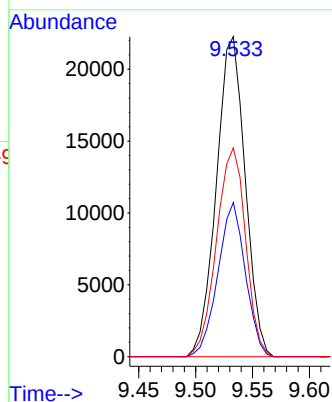
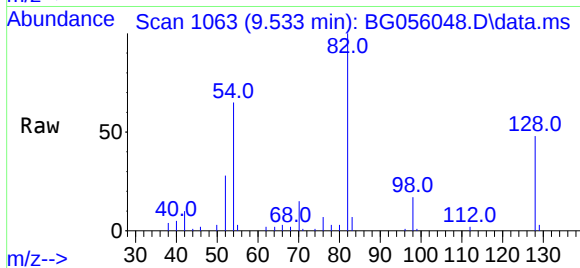
Tgt Ion: 82 Resp: 39302

Ion Ratio Lower Upper

82 100

128 48.2 38.4 57.6

54 65.3 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.968 min Scan# 1988

Delta R.T. -0.007 min

Lab File: BG056048.D

Acq: 21 Dec 2022 14:39

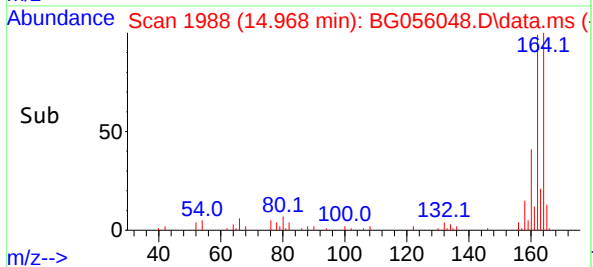
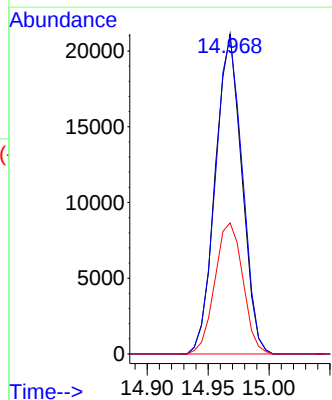
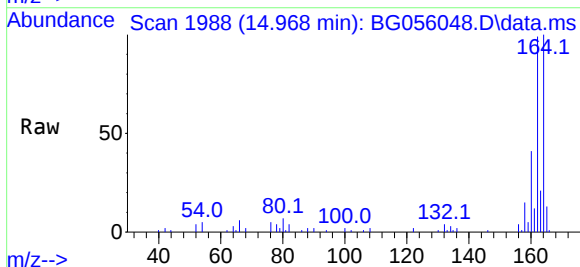
Tgt Ion:164 Resp: 31985

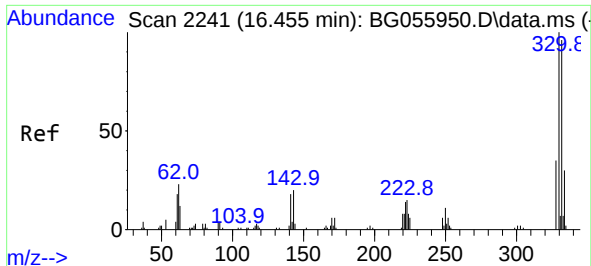
Ion Ratio Lower Upper

164 100

162 99.2 79.8 119.8

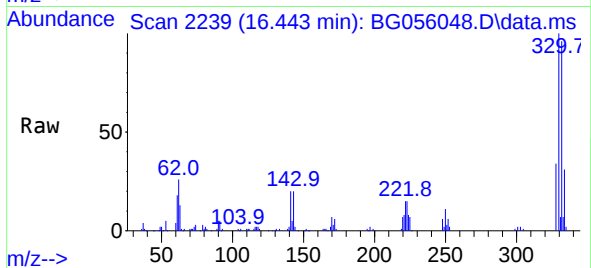
160 41.0 33.0 49.4



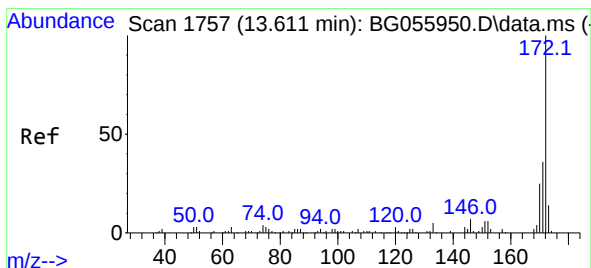
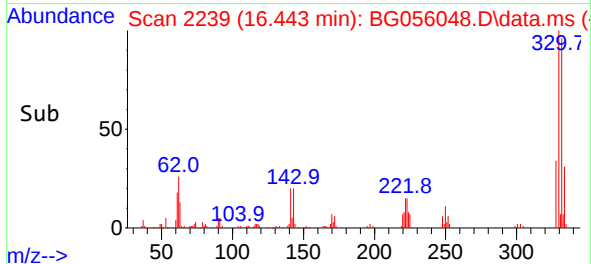
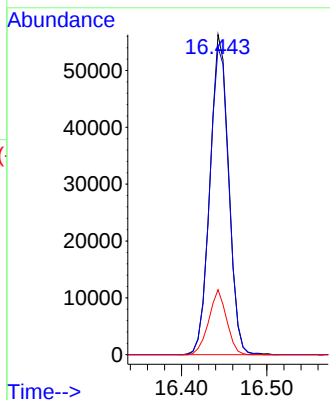


#42
2,4,6-Tribromophenol
Concen: 111.167 ng
RT: 16.443 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

Instrument :
BNA_G
ClientSampleId :
MH-24

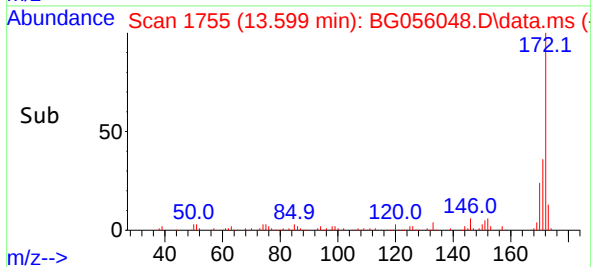
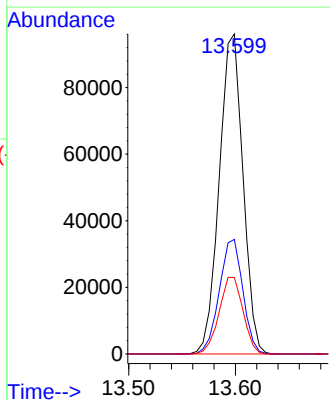
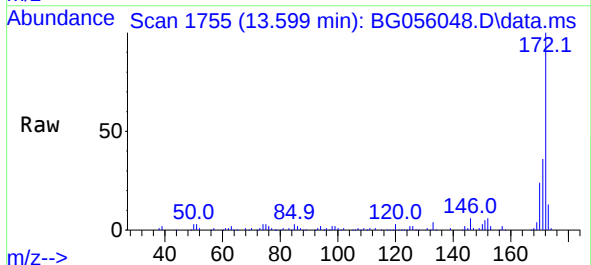


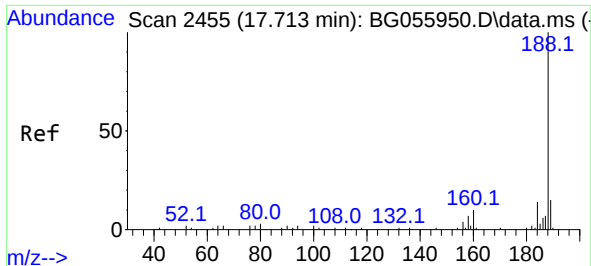
Tgt Ion:330 Resp: 85738
Ion Ratio Lower Upper
330 100
332 98.0 76.6 114.8
141 19.3 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 65.098 ng
RT: 13.599 min Scan# 1755
Delta R.T. -0.001 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

Tgt Ion:172 Resp: 148463
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.9 19.9 29.9

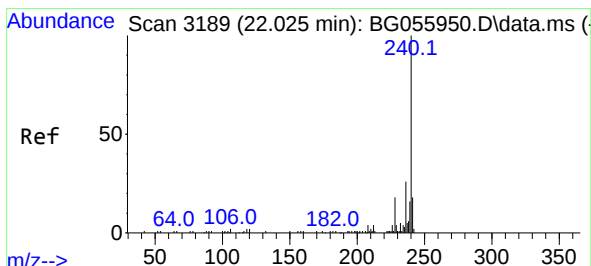
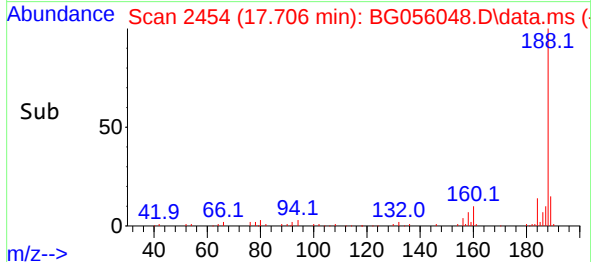
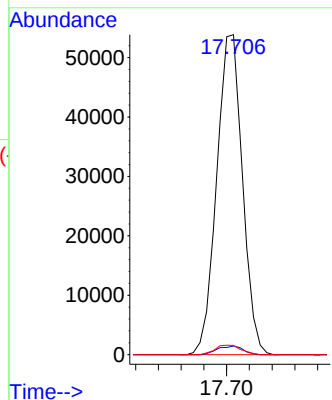
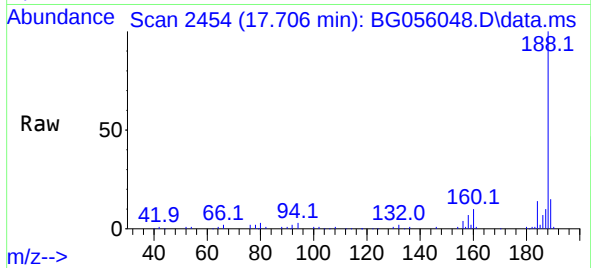




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.706 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

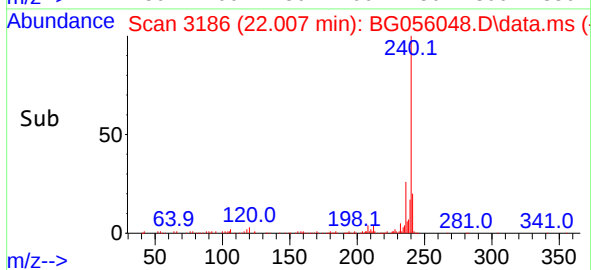
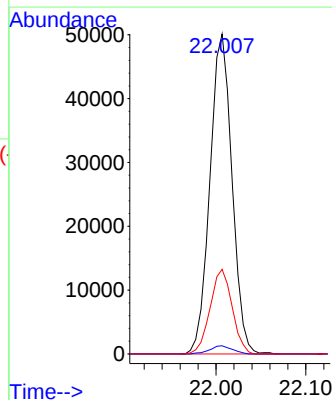
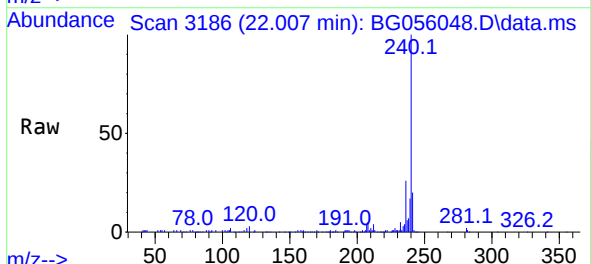
Instrument :
BNA_G
ClientSampleId :
MH-24

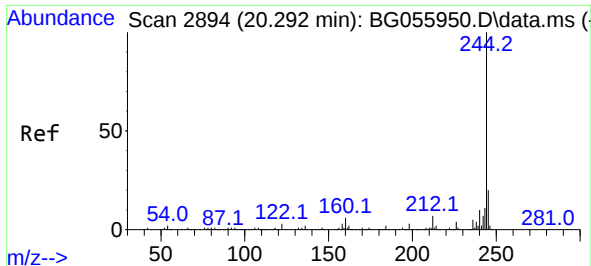
Tgt Ion:188 Resp: 84707
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 2.9 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.007 min Scan# 3186
Delta R.T. -0.007 min
Lab File: BG056048.D
Acq: 21 Dec 2022 14:39

Tgt Ion:240 Resp: 85459
Ion Ratio Lower Upper
240 100
120 2.6 1.7 2.5#
236 26.5 21.1 31.7

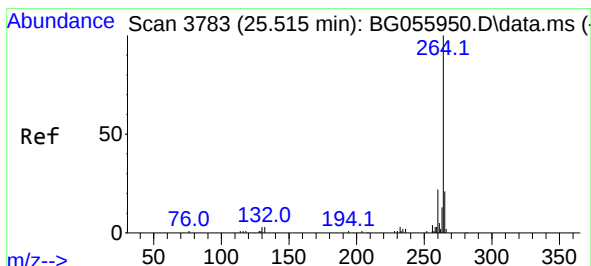
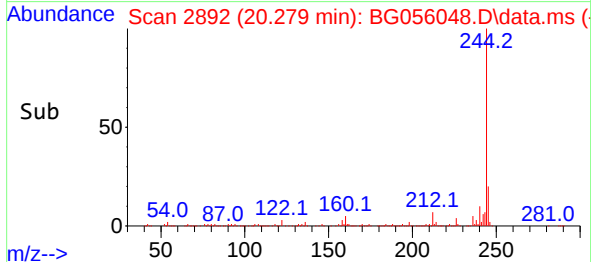
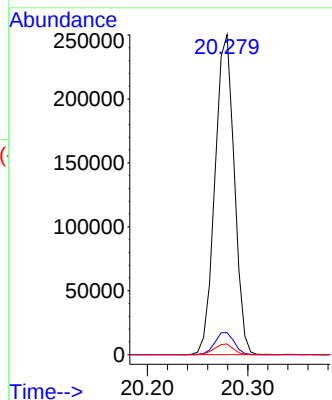
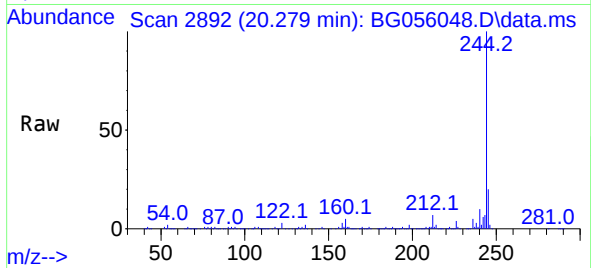




#79
 Terphenyl-d14
 Concen: 69.085 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056048.D
 Acq: 21 Dec 2022 14:39

Instrument :
 BNA_G
 ClientSampleId :
 MH-24

Tgt Ion:244 Resp: 334048
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.3 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.491 min Scan# 3779
 Delta R.T. -0.007 min
 Lab File: BG056048.D
 Acq: 21 Dec 2022 14:39

Tgt Ion:264 Resp: 104401
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.8 26.8
 265 22.3 16.6 25.0

