

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
 Data File : BG055958.D
 Acq On : 14 Dec 2022 13:42
 Operator : CG/JU
 Sample : PB149581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149581BL

Quant Time: Dec 15 00:49:06 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 14 02:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.368	152	4568	20.000	ng	0.00
21) Naphthalene-d8	11.206	136	17785	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	17121	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	57234	20.000	ng	0.00
76) Chrysene-d12	22.016	240	71521	20.000	ng	0.00
86) Perylene-d12	25.512	264	85235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	33331	171.119	ng	0.00
7) Phenol-d6	7.492	99	41153	164.272	ng	0.00
23) Nitrobenzene-d5	9.537	82	24904	97.855	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	57823	140.062	ng	0.00
45) 2-Fluorobiphenyl	13.609	172	113708	93.145	ng	0.00
79) Terphenyl-d14	20.289	244	411740	101.747	ng	0.00

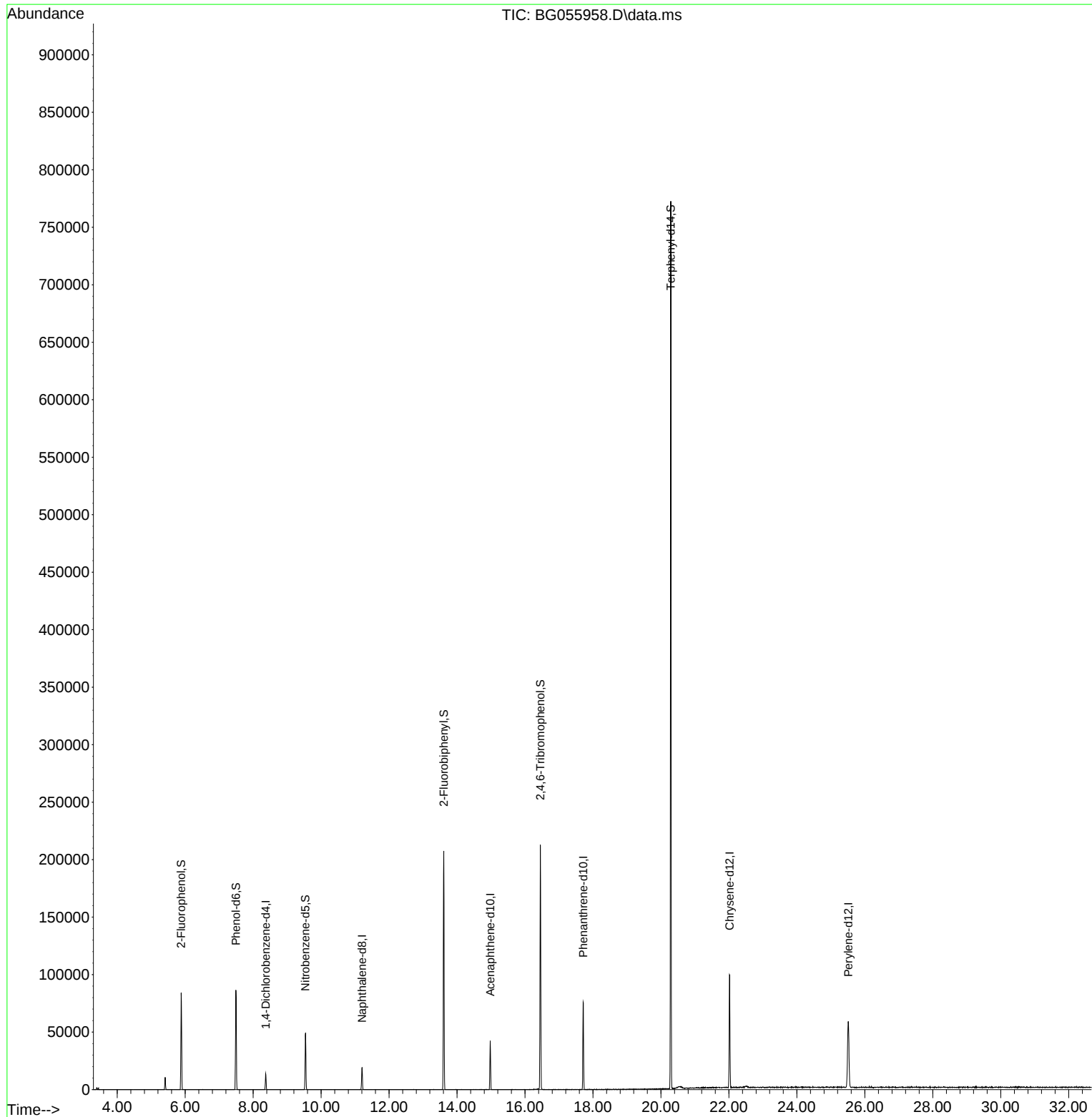
Target Compounds	Qvalue

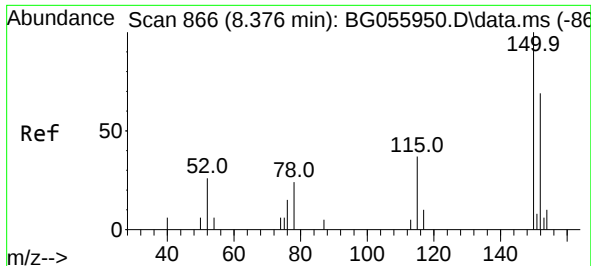
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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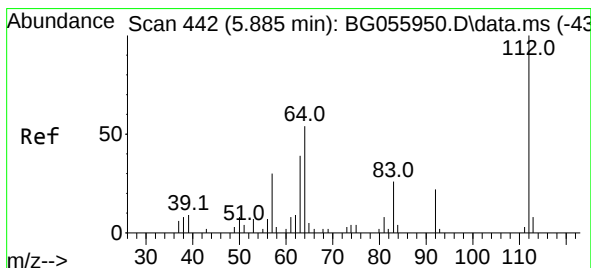
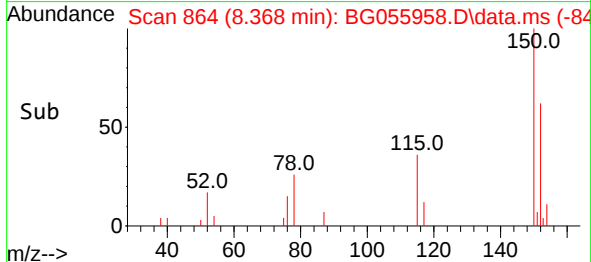
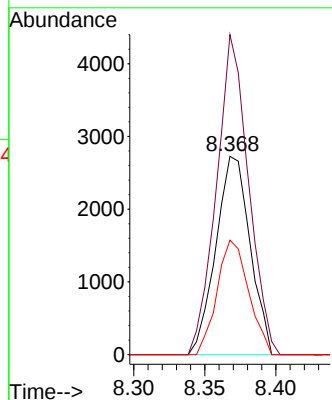
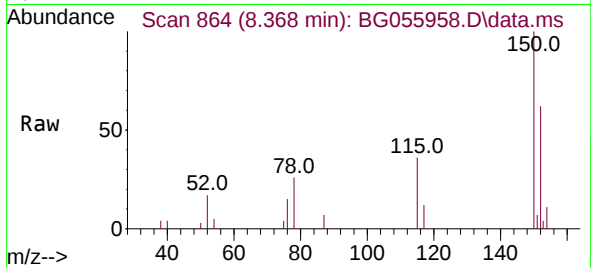




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.368 min Scan# 866
 Delta R.T. -0.008 min
 Lab File: BG055958.D
 Acq: 14 Dec 2022 13:42

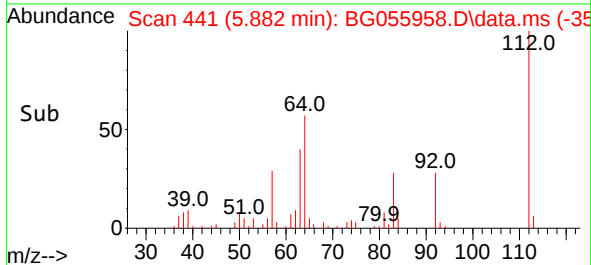
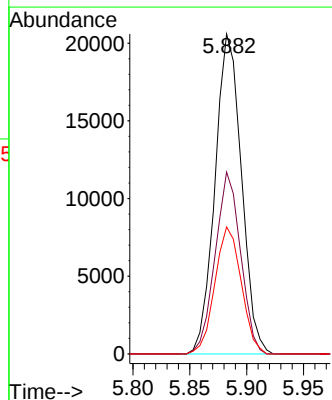
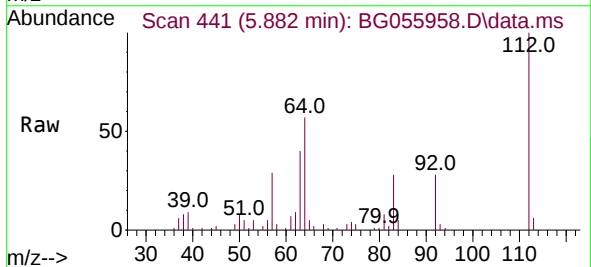
Instrument :
 BNA_G
 ClientSampleId :
 PB149581BL

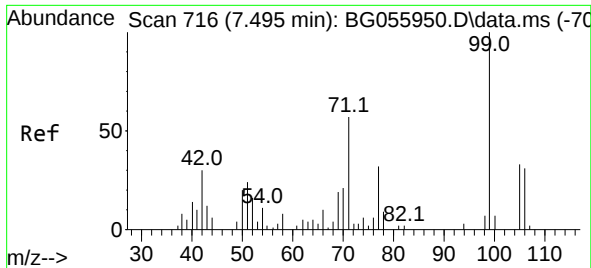
Tgt Ion:152 Resp: 4568
 Ion Ratio Lower Upper
 152 100
 150 161.4 115.7 173.5
 115 57.8 43.0 64.4



#5
 2-Fluorophenol
 Concen: 171.119 ng
 RT: 5.882 min Scan# 441
 Delta R.T. -0.003 min
 Lab File: BG055958.D
 Acq: 14 Dec 2022 13:42

Tgt Ion:112 Resp: 33331
 Ion Ratio Lower Upper
 112 100
 64 56.8 43.0 64.4
 63 39.7 31.4 47.2

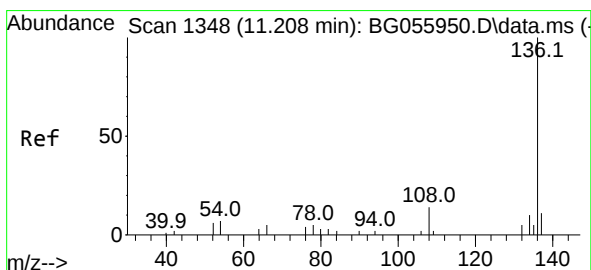
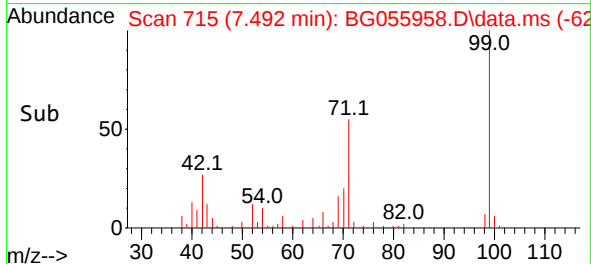
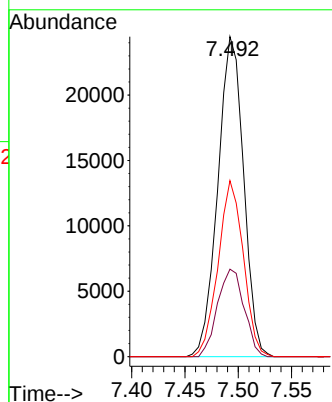
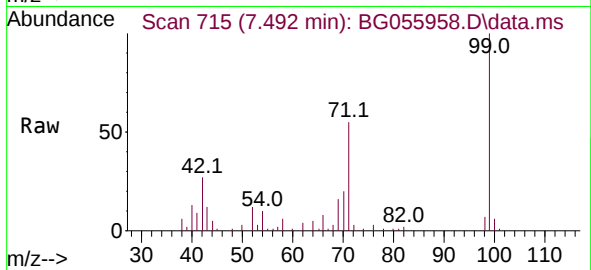




#7
Phenol-d6
Concen: 164.272 ng
RT: 7.492 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

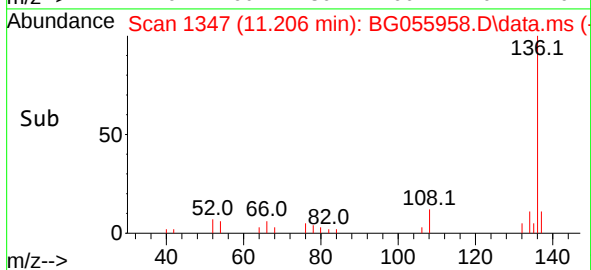
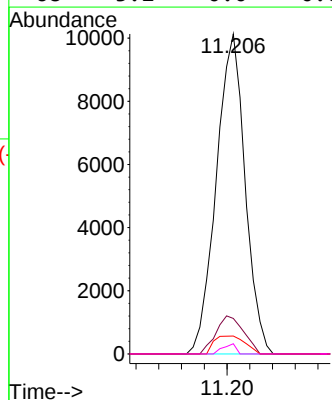
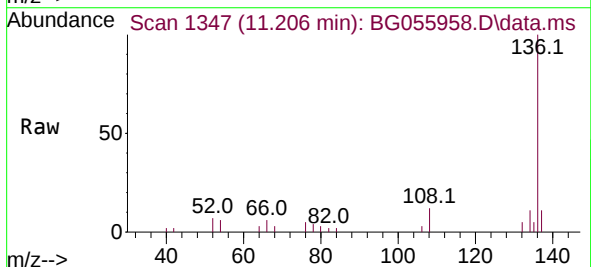
Instrument :
BNA_G
ClientSampleId :
PB149581BL

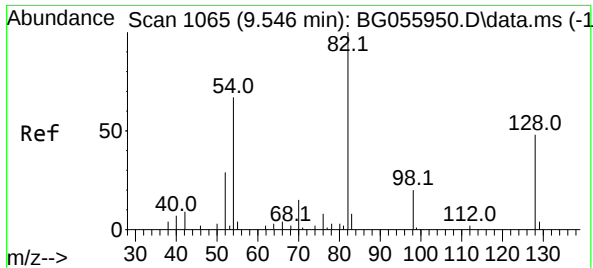
Tgt Ion: 99 Resp: 41153
Ion Ratio Lower Upper
99 100
42 27.3 24.3 36.5
71 55.0 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.206 min Scan# 1347
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:136 Resp: 17785
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 5.6 5.6 8.4#
68 3.2 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 97.855 ng

RT: 9.537 min Scan# 1063

Delta R.T. -0.009 min

Lab File: BG055958.D

Acq: 14 Dec 2022 13:42

Instrument :

BNA_G

ClientSampleId :

PB149581BL

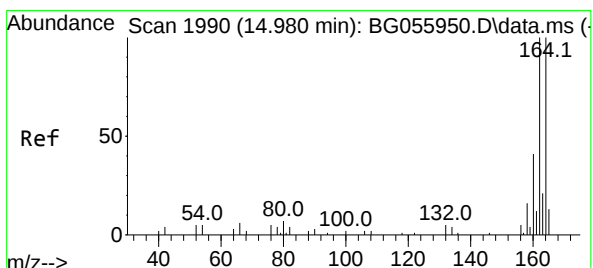
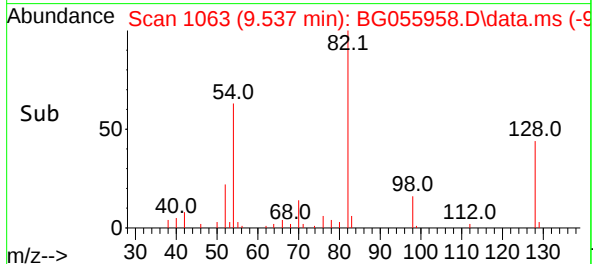
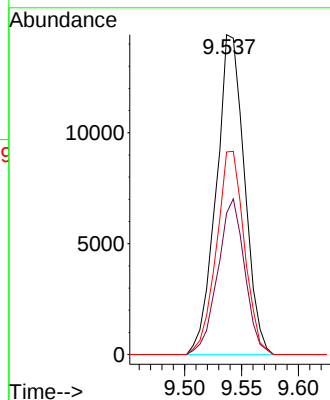
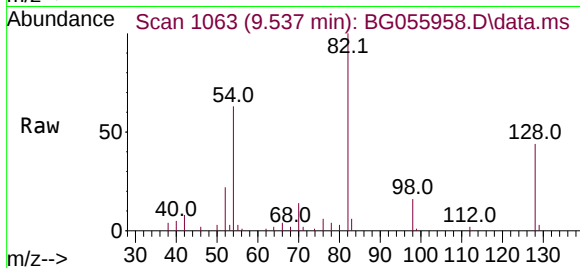
Tgt Ion: 82 Resp: 24904

Ion Ratio Lower Upper

82 100

128 44.2 38.4 57.6

54 63.3 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.978 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG055958.D

Acq: 14 Dec 2022 13:42

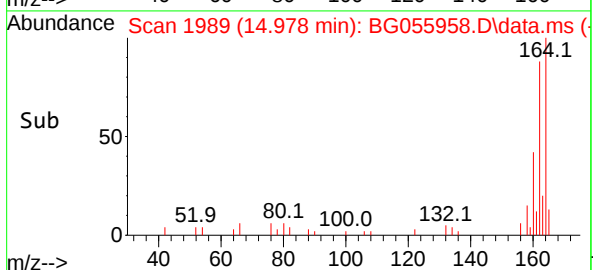
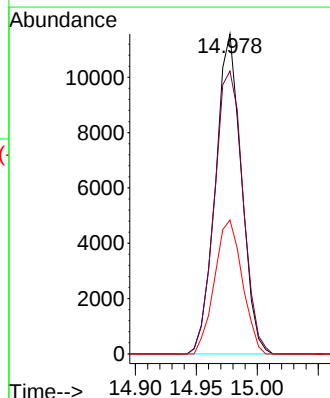
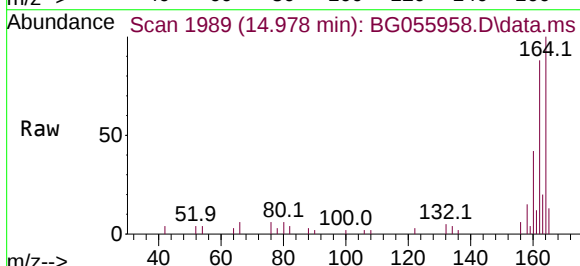
Tgt Ion:164 Resp: 17121

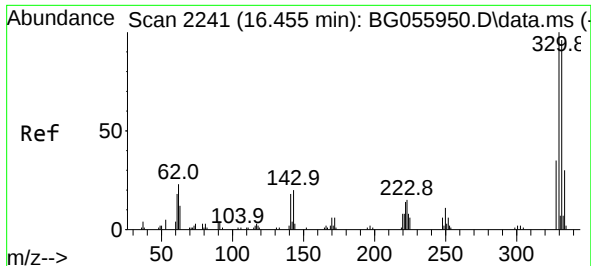
Ion Ratio Lower Upper

164 100

162 88.4 79.8 119.8

160 41.8 33.0 49.4

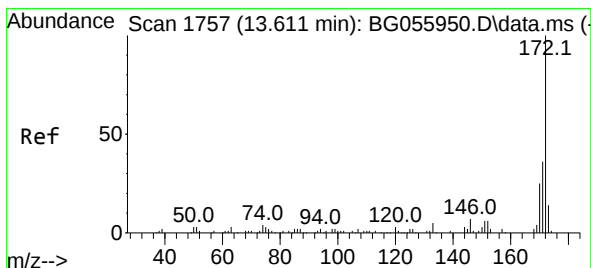
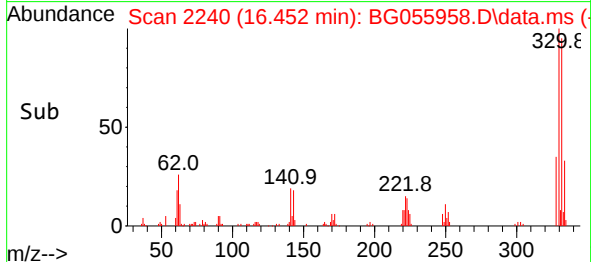
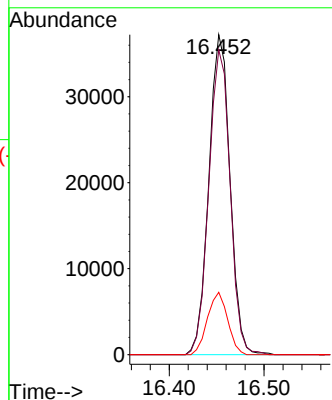
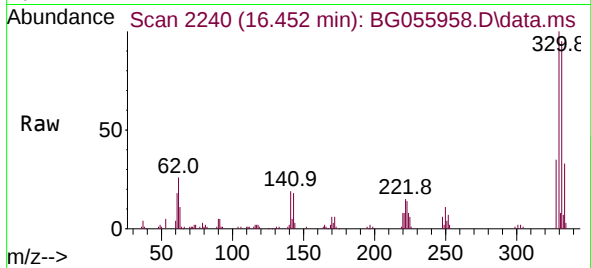




#42
2,4,6-Tribromophenol
Concen: 140.062 ng
RT: 16.452 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

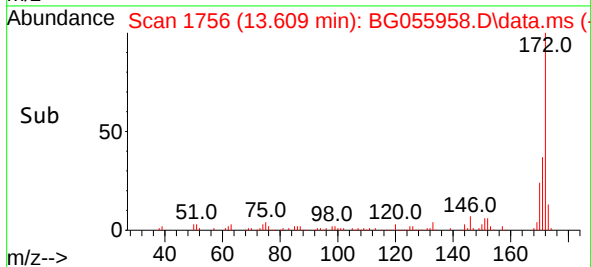
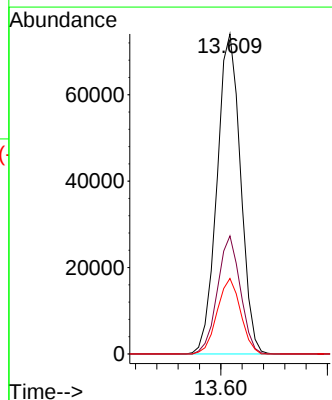
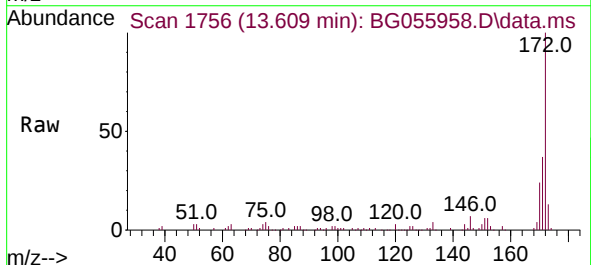
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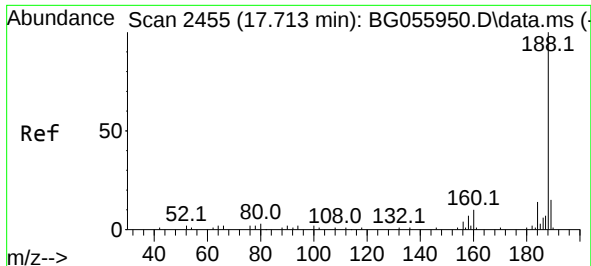
Tgt Ion:330 Resp: 57823
Ion Ratio Lower Upper
330 100
332 95.6 76.6 114.8
141 18.5 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 93.145 ng
RT: 13.609 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:172 Resp: 113708
Ion Ratio Lower Upper
172 100
171 36.9 28.6 42.8
170 23.6 19.9 29.9

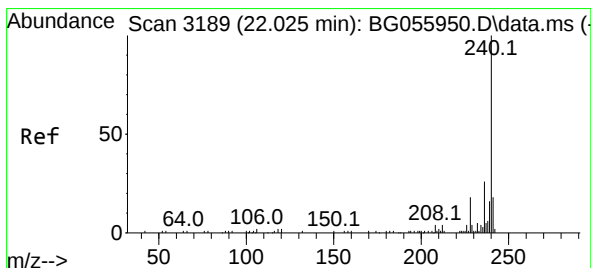
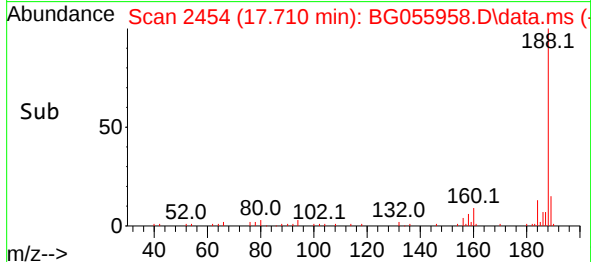
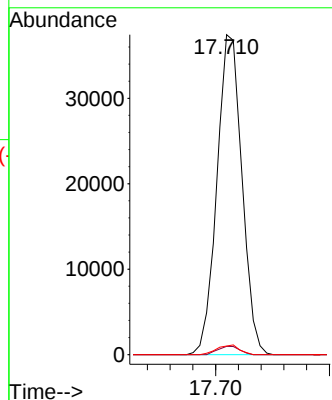
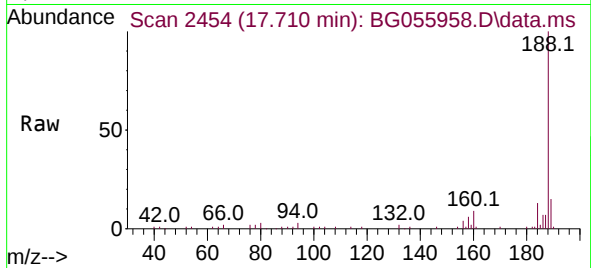




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.710 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

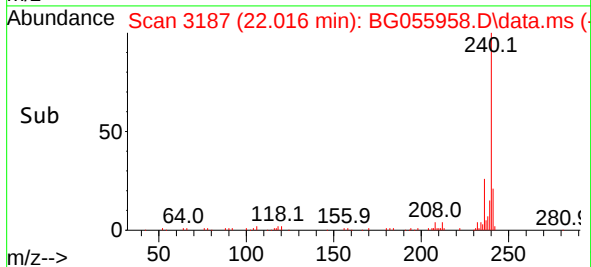
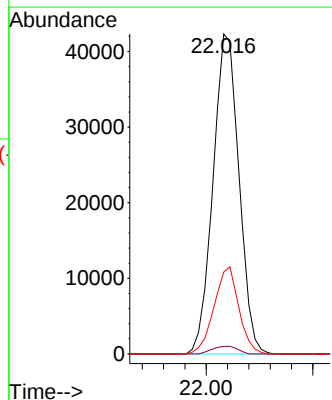
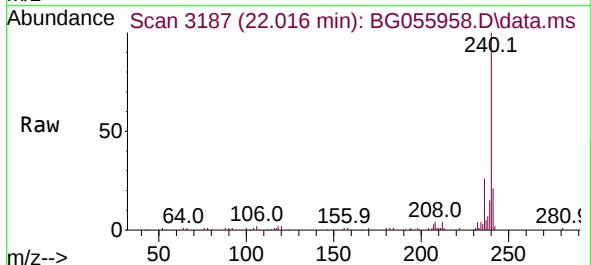
Instrument :
BNA_G
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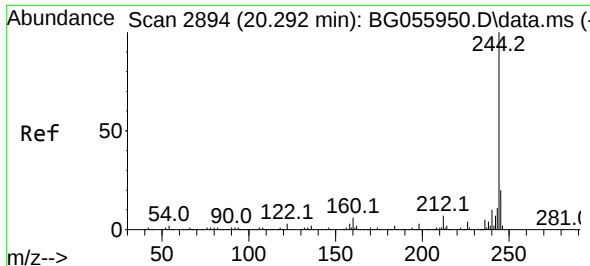
Tgt Ion:188 Resp: 57234
Ion Ratio Lower Upper
188 100
94 2.6 1.8 2.8
80 2.7 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. -0.009 min
Lab File: BG055958.D
Acq: 14 Dec 2022 13:42

Tgt Ion:240 Resp: 71521
Ion Ratio Lower Upper
240 100
120 2.3 1.7 2.5
236 25.6 21.1 31.7

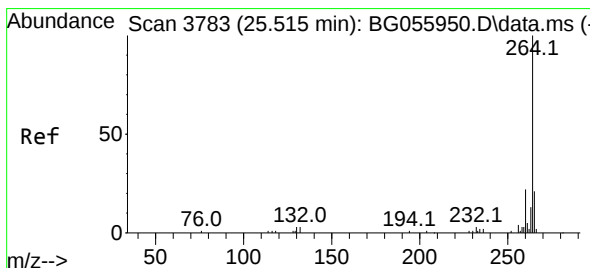
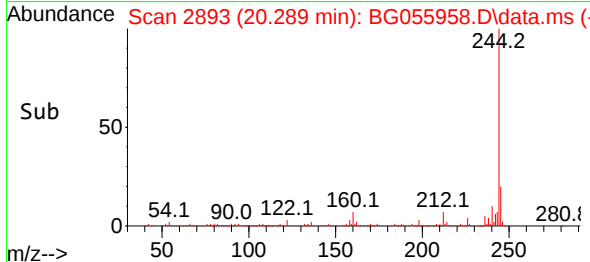
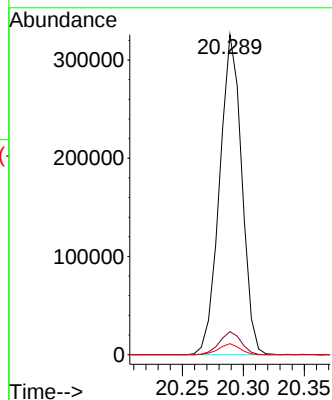
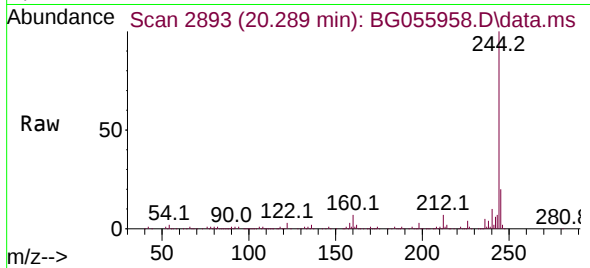




#79
 Terphenyl-d14
 Concen: 101.747 ng
 RT: 20.289 min Scan# 2893
 Delta R.T. -0.003 min
 Lab File: BG055958.D
 Acq: 14 Dec 2022 13:42

Instrument :
 BNA_G
 ClientSampleId :
 PB149581BL

Tgt Ion:244 Resp: 411740
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 3.4 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.512 min Scan# 3782
 Delta R.T. -0.003 min
 Lab File: BG055958.D
 Acq: 14 Dec 2022 13:42

Tgt Ion:264 Resp: 85235
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.8
 265 22.0 16.6 25.0

