

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056026.D
 Acq On : 20 Dec 2022 12:02
 Operator : CG/JU
 Sample : PB149551BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149551BL

Quant Time: Dec 21 02:35:55 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	8.367	152	7739	20.000	ng	0.00
21) Naphthalene-d8	11.199	136	29048	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	28600	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	86275	20.000	ng	0.00
76) Chrysene-d12	22.009	240	99846	20.000	ng	0.00
86) Perylene-d12	25.494	264	108184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.881	112	52374	158.711	ng	0.00
7) Phenol-d6	7.491	99	62703	147.738	ng	0.00
23) Nitrobenzene-d5	9.536	82	40888	98.366	ng	0.00
42) 2,4,6-Tribromophenol	16.445	330	103348	149.860	ng	0.00
45) 2-Fluorobiphenyl	13.602	172	169868	83.300	ng	0.00
79) Terphenyl-d14	20.282	244	524331	92.813	ng	0.00

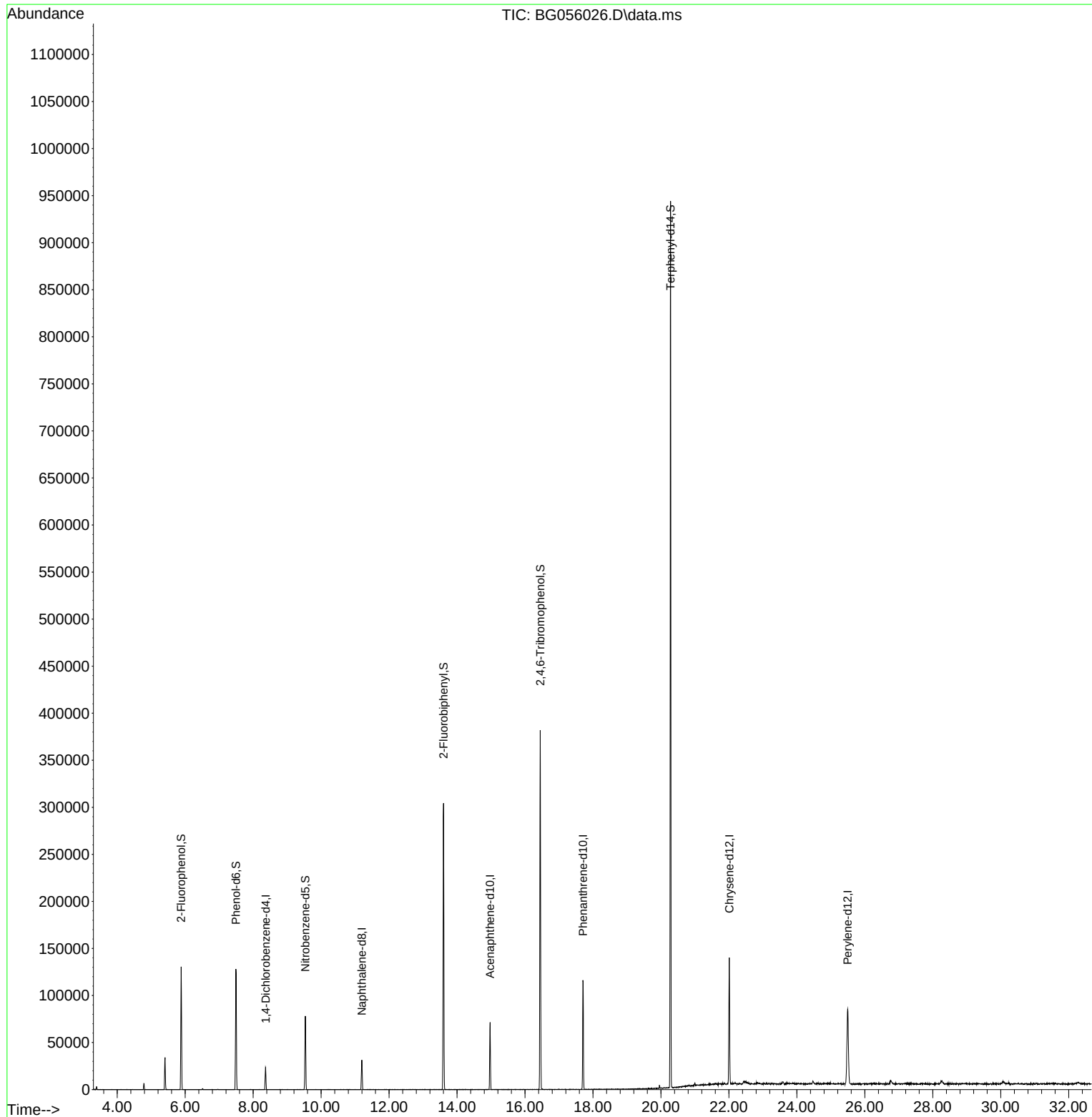
Target Compounds	Qvalue

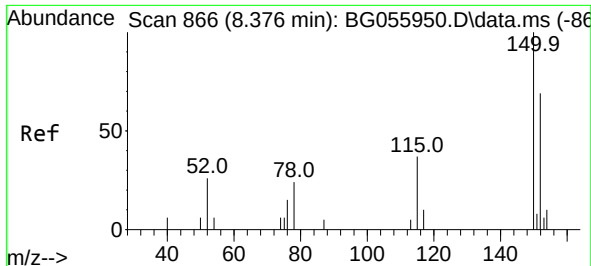
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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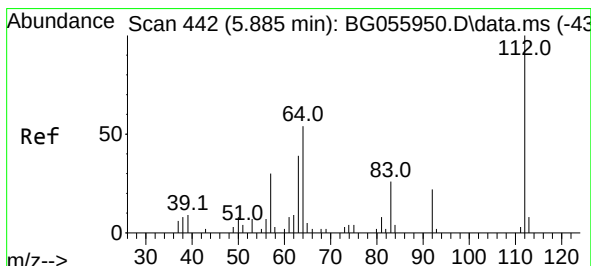
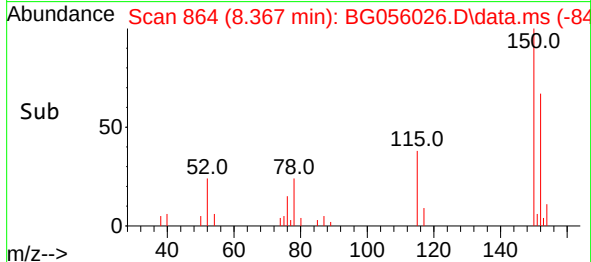
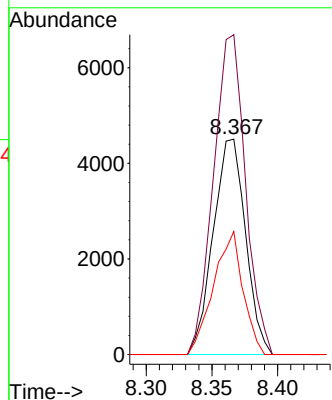
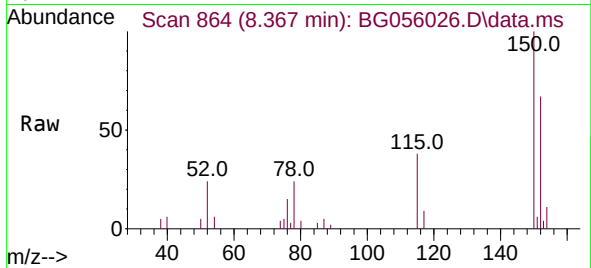




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.367 min Scan# 866
Delta R.T. 0.002 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

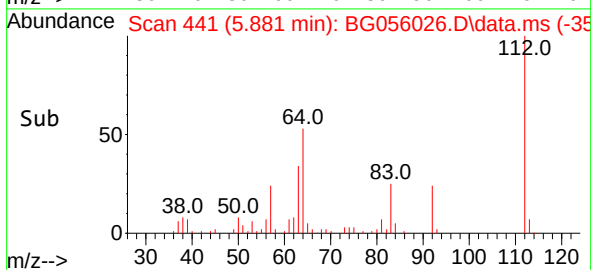
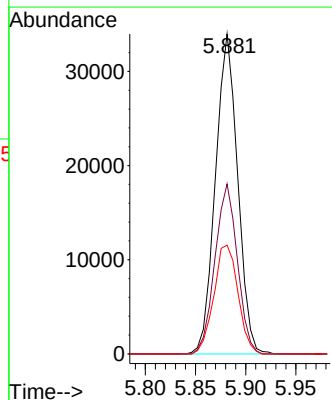
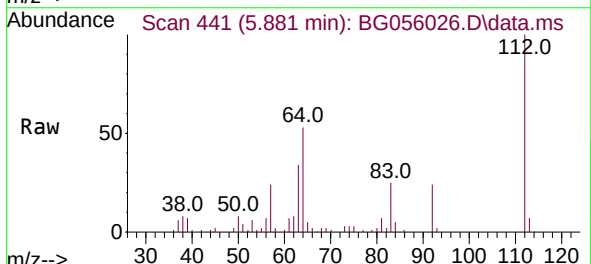
Instrument :
BNA_G
ClientSampleId :
PB149551BL

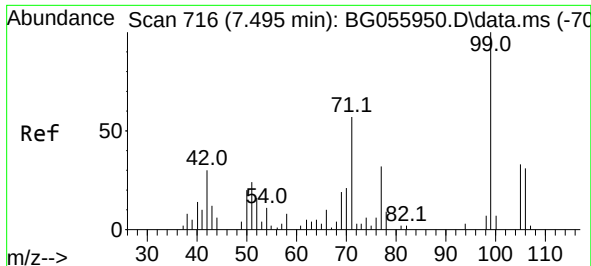
Tgt Ion:152 Resp: 7739
Ion Ratio Lower Upper
152 100
150 148.6 115.7 173.5
115 57.2 43.0 64.4



#5
2-Fluorophenol
Concen: 158.711 ng
RT: 5.881 min Scan# 441
Delta R.T. 0.002 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

Tgt Ion:112 Resp: 52374
Ion Ratio Lower Upper
112 100
64 53.1 43.0 64.4
63 34.0 31.4 47.2

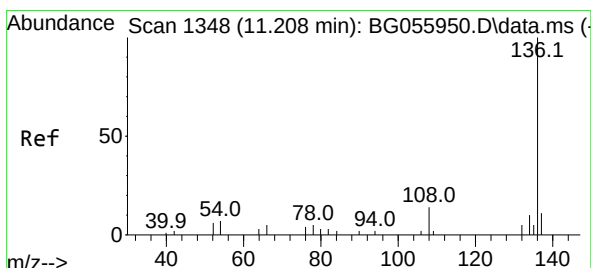
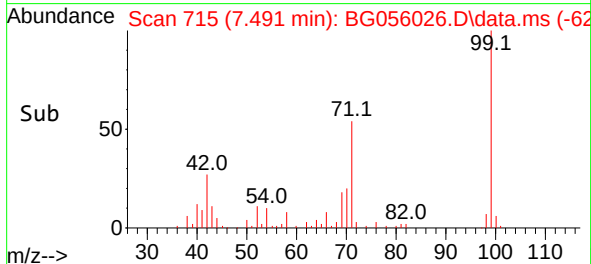
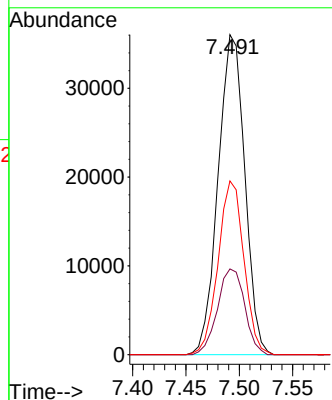
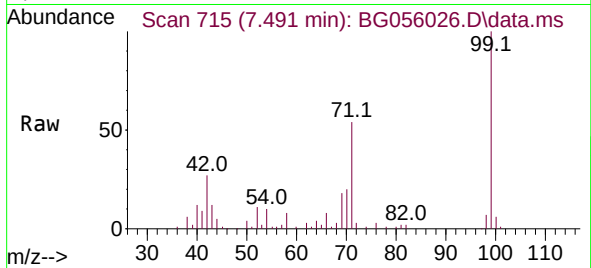




#7
Phenol-d6
Concen: 147.738 ng
RT: 7.491 min Scan# 716
Delta R.T. -0.004 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

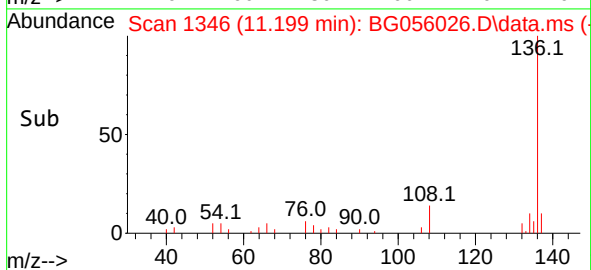
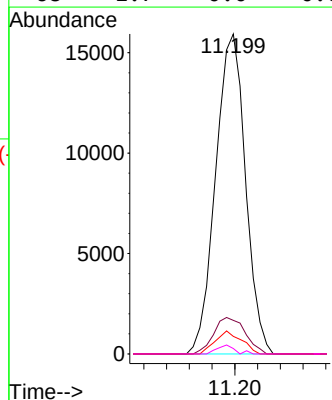
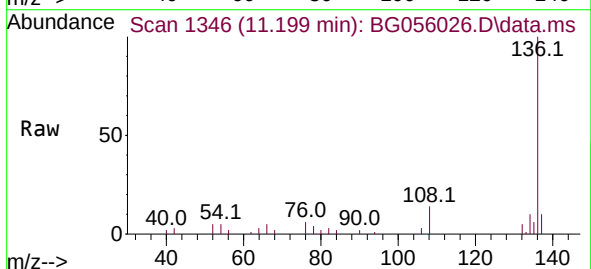
Instrument :
BNA_G
ClientSampleId :
PB149551BL

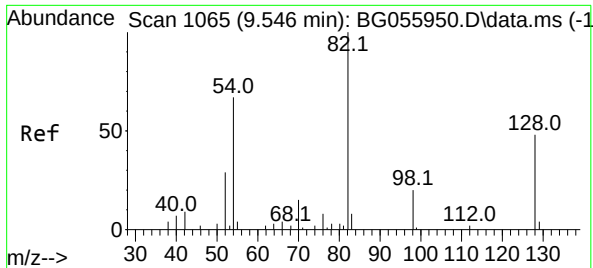
Tgt Ion: 99 Resp: 62703
Ion Ratio Lower Upper
99 100
42 26.8 24.3 36.5
71 54.3 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.199 min Scan# 1346
Delta R.T. 0.002 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

Tgt Ion:136 Resp: 29048
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 5.5 5.6 8.4#
68 1.7 0.0 0.0#

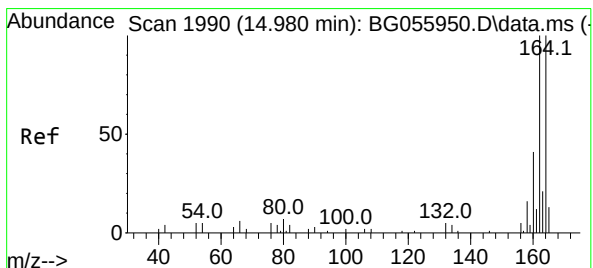
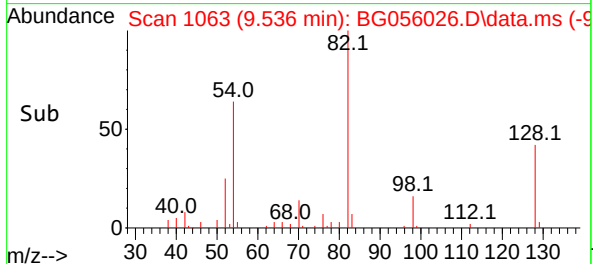
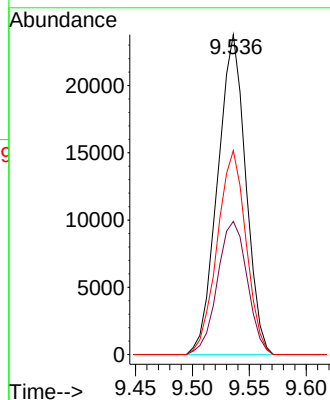
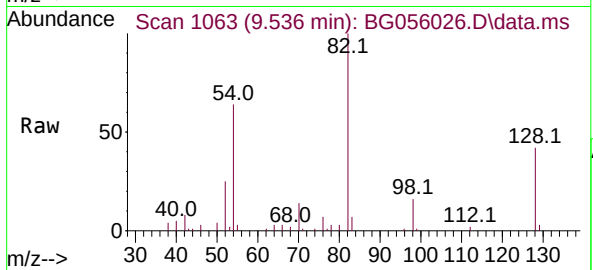




#23
Nitrobenzene-d5
Concen: 98.366 ng
RT: 9.536 min Scan# 1063
Delta R.T. -0.004 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

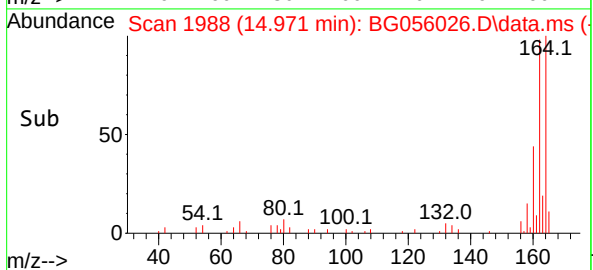
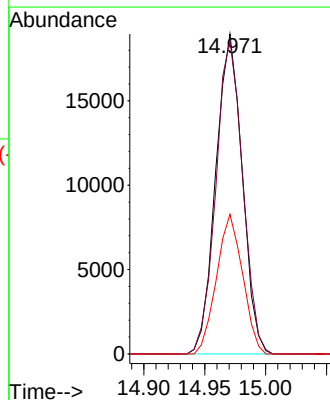
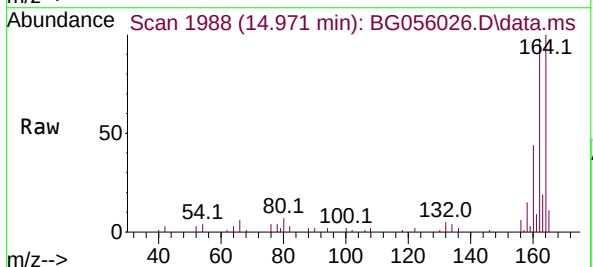
Instrument :
BNA_G
ClientSampleId :
PB149551BL

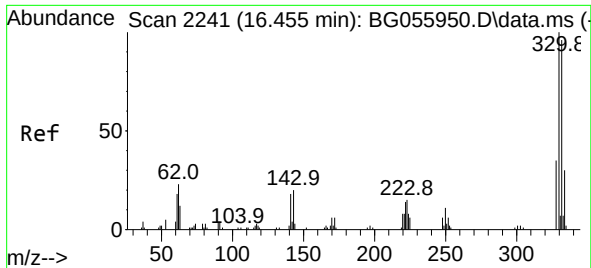
Tgt Ion: 82 Resp: 40888
Ion Ratio Lower Upper
82 100
128 41.6 38.4 57.6
54 63.8 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1988
Delta R.T. -0.004 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

Tgt Ion: 164 Resp: 28600
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.8
160 43.6 33.0 49.4

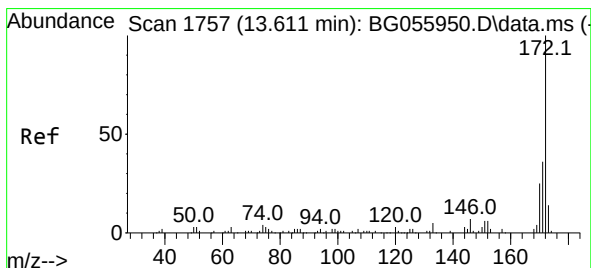
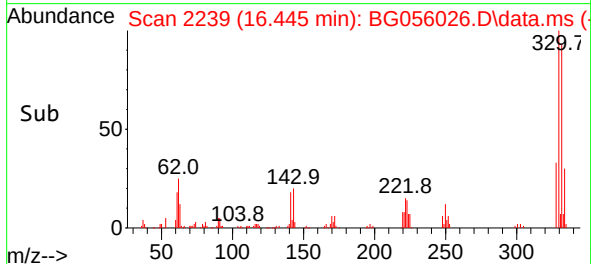
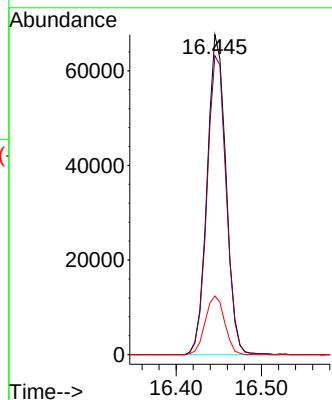
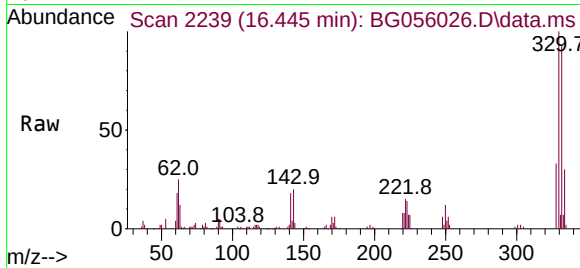




#42
 2,4,6-Tribromophenol
 Concen: 149.860 ng
 RT: 16.445 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056026.D
 Acq: 20 Dec 2022 12:02

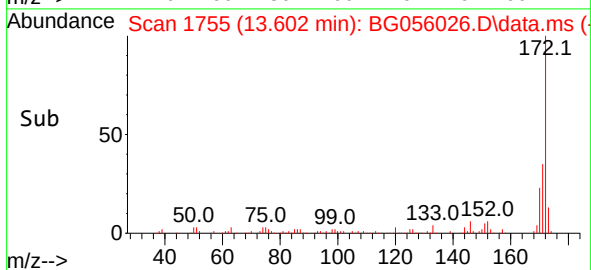
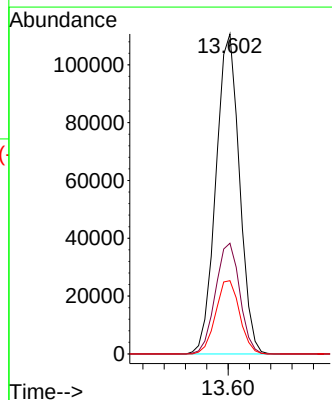
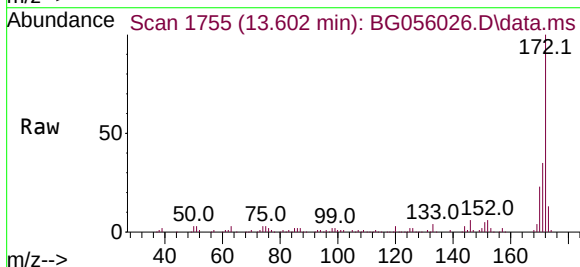
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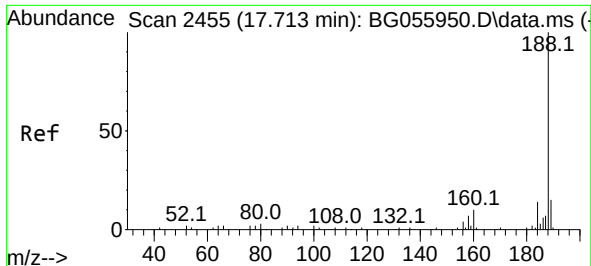
Tgt Ion:330 Resp: 103348
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 18.9 15.0 22.4



#45
 2-Fluorobiphenyl
 Concen: 83.300 ng
 RT: 13.602 min Scan# 1755
 Delta R.T. 0.002 min
 Lab File: BG056026.D
 Acq: 20 Dec 2022 12:02

Tgt Ion:172 Resp: 169868
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 22.9 19.9 29.9

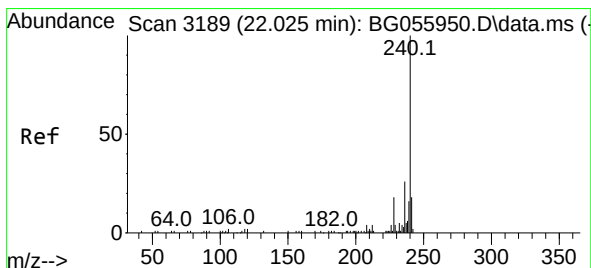
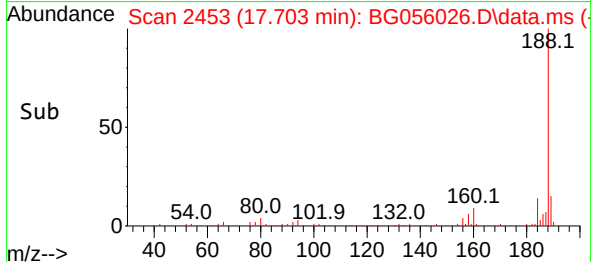
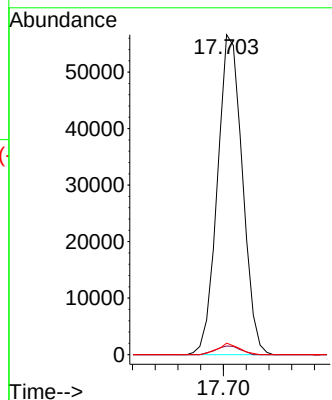
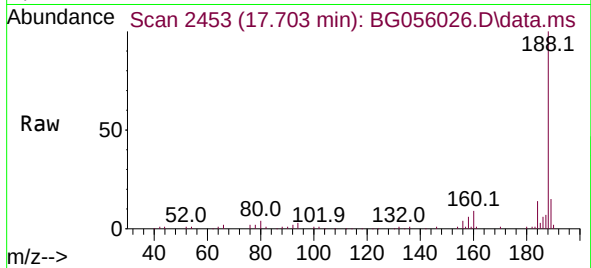




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.703 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

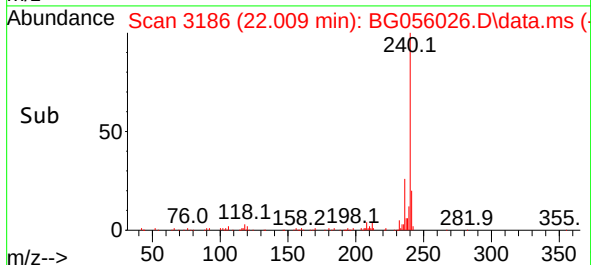
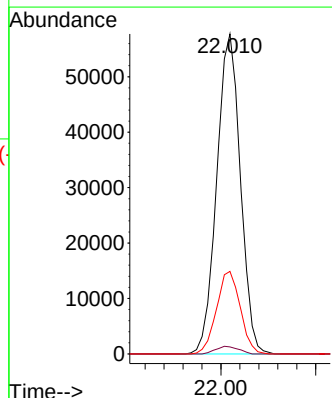
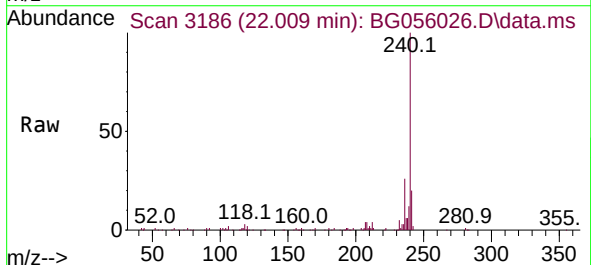
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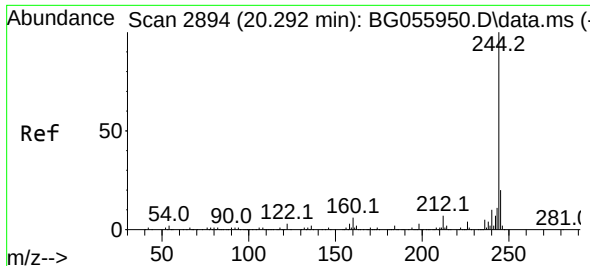
Tgt Ion:188 Resp: 86275
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 3.6 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BG056026.D
Acq: 20 Dec 2022 12:02

Tgt Ion:240 Resp: 99846
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.8 21.1 31.7

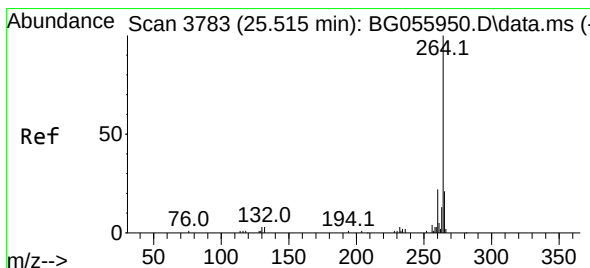
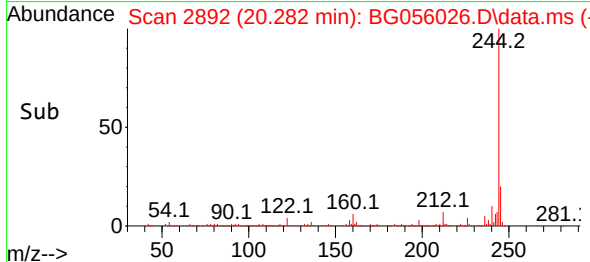
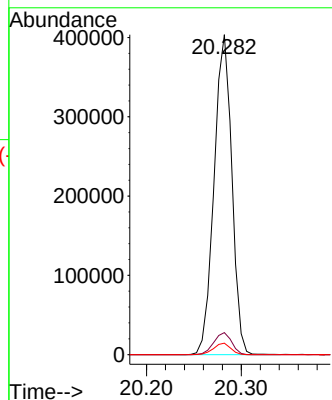
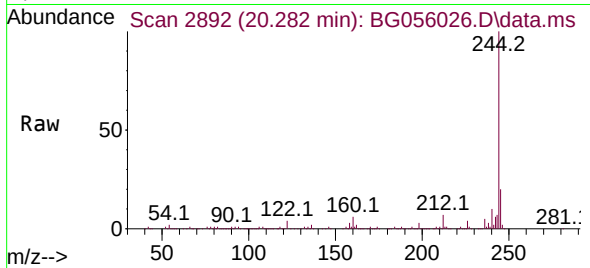




#79
 Terphenyl-d14
 Concen: 92.813 ng
 RT: 20.282 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056026.D
 Acq: 20 Dec 2022 12:02

Instrument :
 BNA_G
 ClientSampleId :
 PB149551BL

Tgt Ion:244 Resp: 524331
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 3.6 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.494 min Scan# 3779
 Delta R.T. -0.004 min
 Lab File: BG056026.D
 Acq: 20 Dec 2022 12:02

Tgt Ion:264 Resp: 108184
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.8 26.8
 265 22.6 16.6 25.0

