

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050560.D
 Acq On : 12 Oct 2021 19:53
 Operator : CG/JU
 Sample : M4117-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(9.5-10.0)

Quant Time: Oct 13 04:43:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	49808	20.00	ng	0.00
21) Naphthalene-d8	11.082	136	230918	20.00	ng	# 0.00
39) Acenaphthene-d10	14.872	164	156527	20.00	ng	0.00
64) Phenanthrene-d10	17.616	188	320920	20.00	ng	# 0.00
76) Chrysene-d12	21.916	240	281030	20.00	ng	# 0.00
86) Perylene-d12	25.330	264	272363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	338834	101.74	ng	0.01
7) Phenol-d6	7.404	99	484133	100.40	ng	0.01
23) Nitrobenzene-d5	9.431	82	340143	60.98	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	124689	83.52	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	576565	55.44	ng	0.00
79) Terphenyl-d14	20.207	244	774081	53.68	ng	0.00

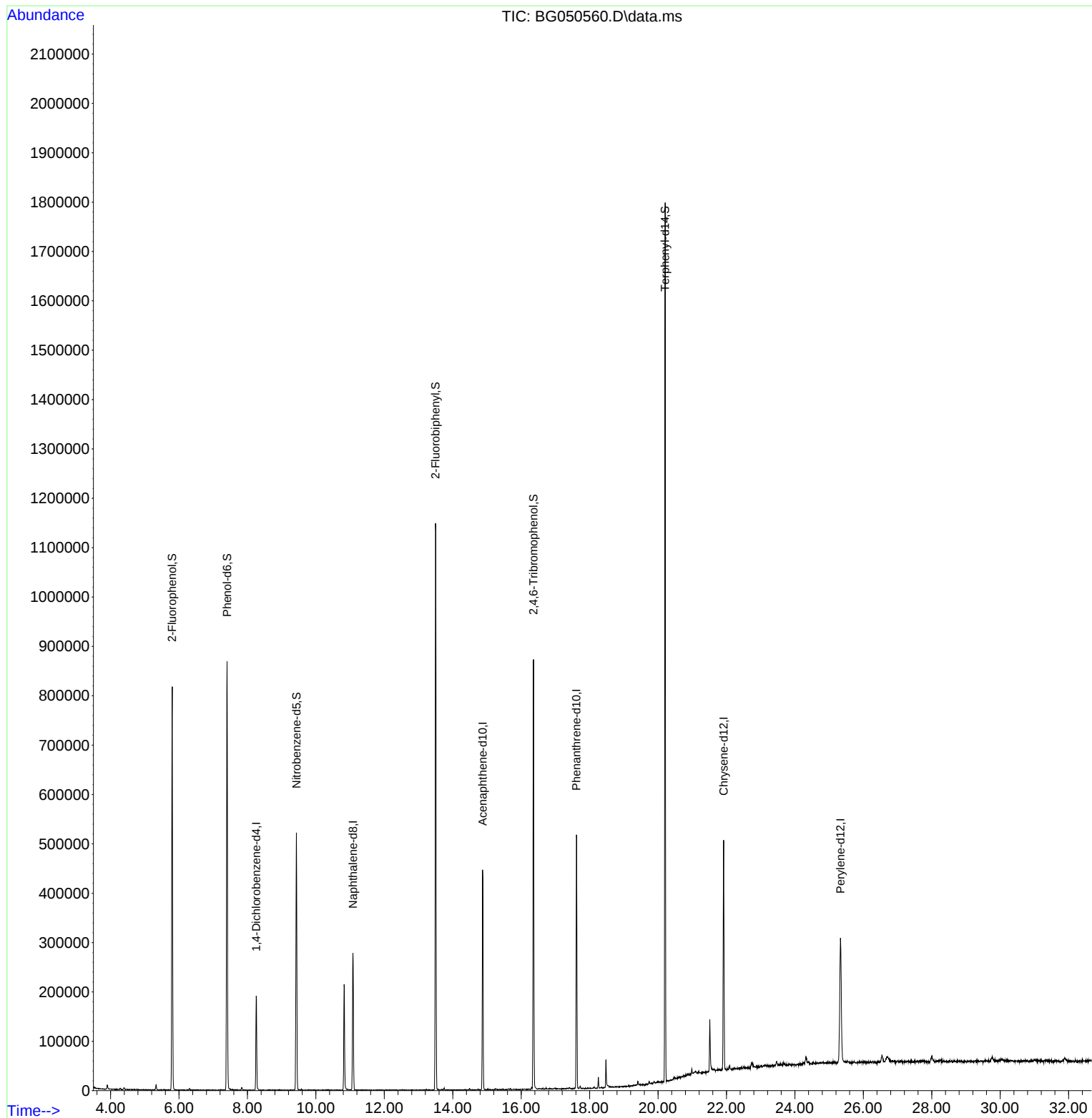
Target Compounds	Qvalue

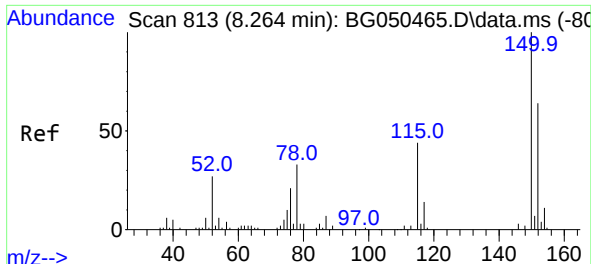
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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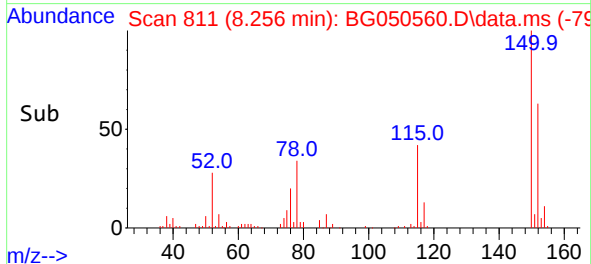
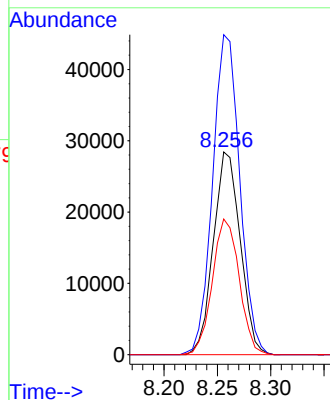
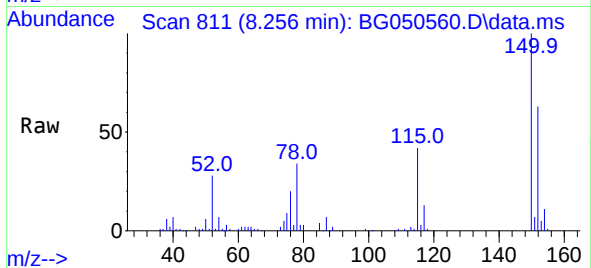




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

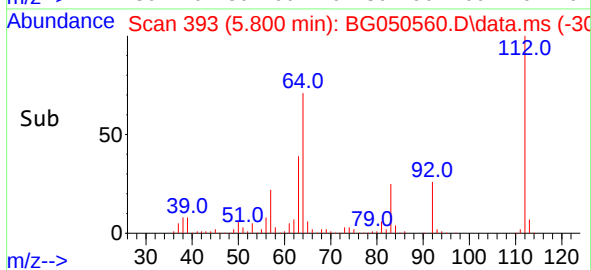
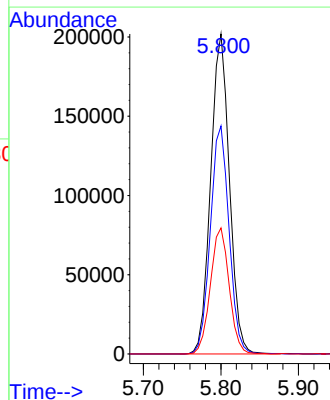
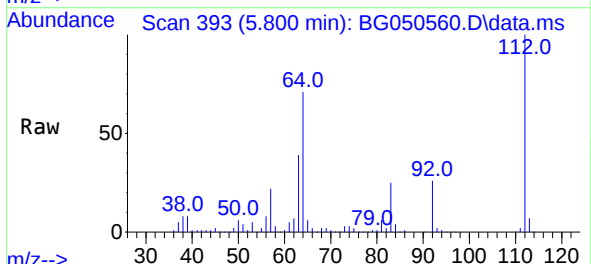
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

Tgt Ion:152 Resp: 49808
Ion Ratio Lower Upper
152 100
150 157.9 119.4 179.0
115 67.0 60.2 90.4



#5
2-Fluorophenol
Concen: 101.74 ng
RT: 5.800 min Scan# 393
Delta R.T. 0.010 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

Tgt Ion:112 Resp: 338834
Ion Ratio Lower Upper
112 100
64 71.3 46.7 70.1#
63 39.4 35.3 52.9

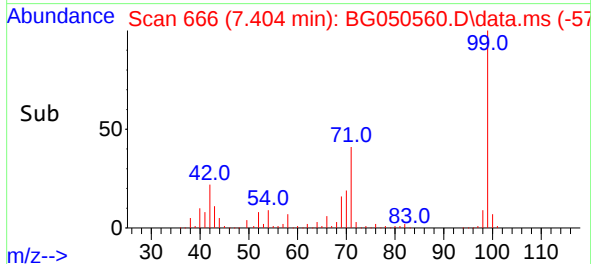
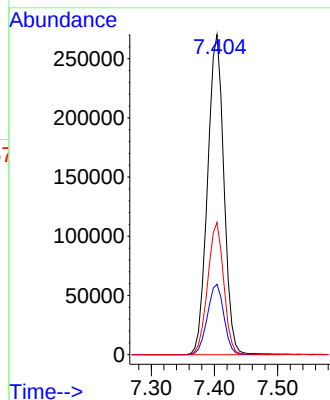
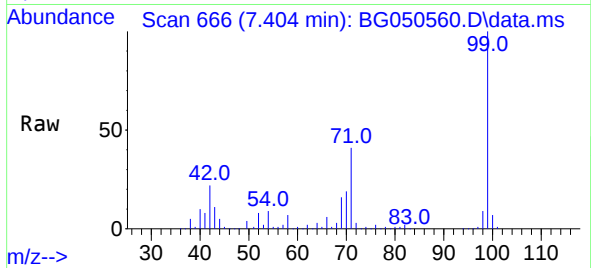




#7
Phenol-d6
Concen: 100.40 ng
RT: 7.404 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

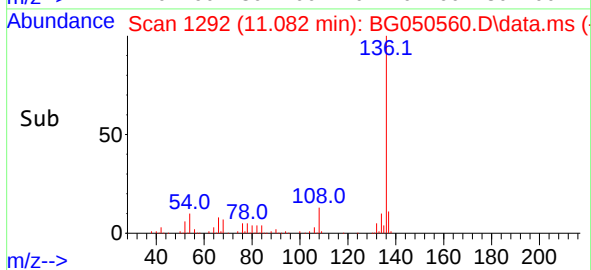
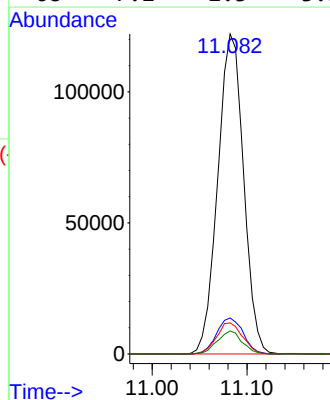
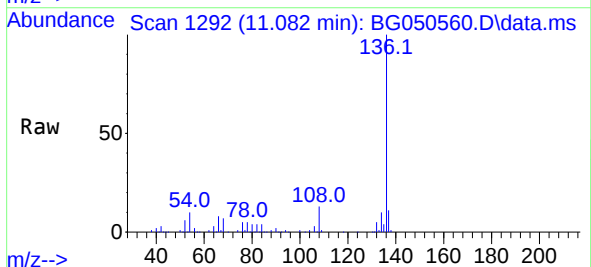
Instrument :
BNA_G
ClientSampled :
SB-4(9.5-10.0)

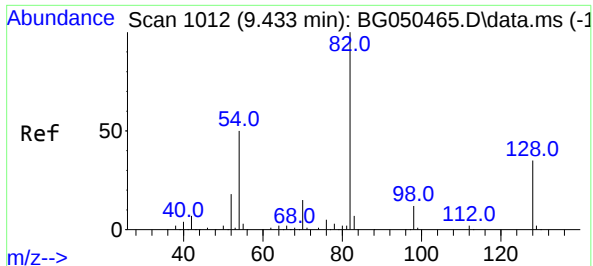
Tgt Ion: 99 Resp: 484133
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.3 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.082 min Scan# 1292
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

Tgt Ion: 136 Resp: 230918
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 9.7 5.5 8.3#
68 7.2 2.3 3.5#

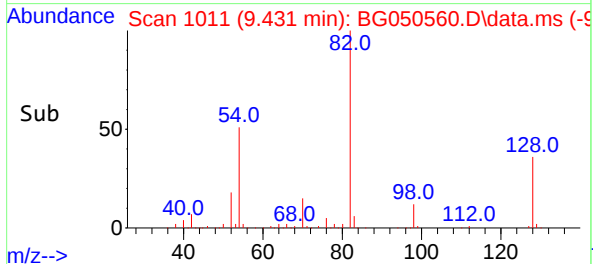
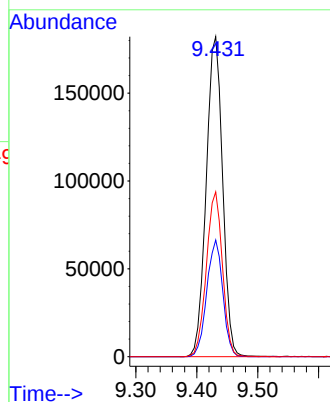
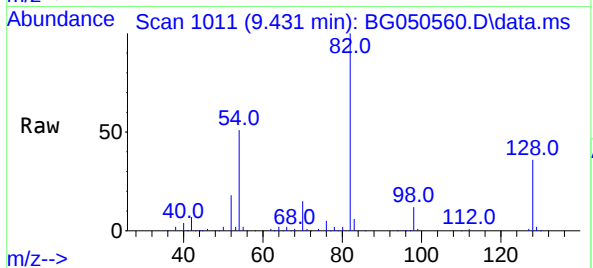




#23
Nitrobenzene-d5
Concen: 60.98 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

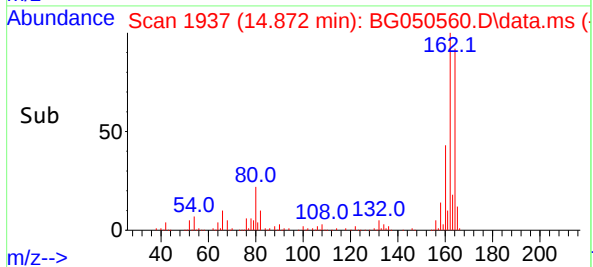
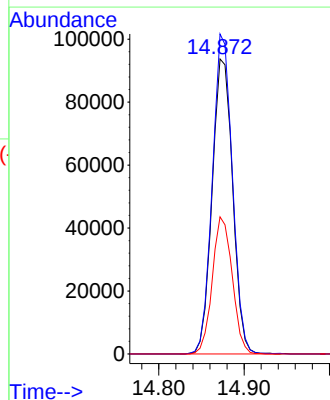
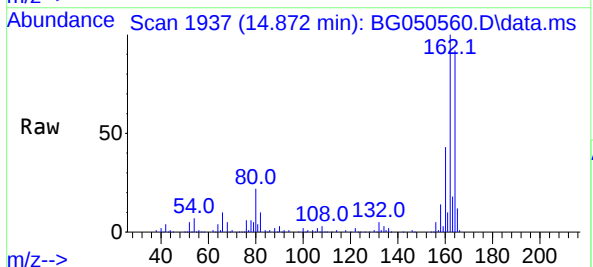
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

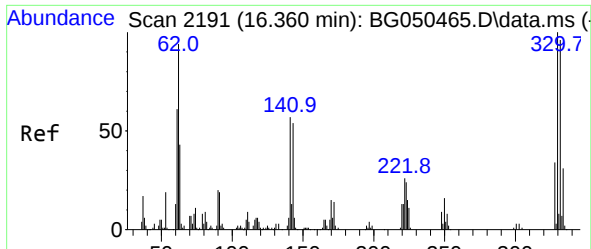
Tgt Ion: 82 Resp: 340143
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 51.5 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

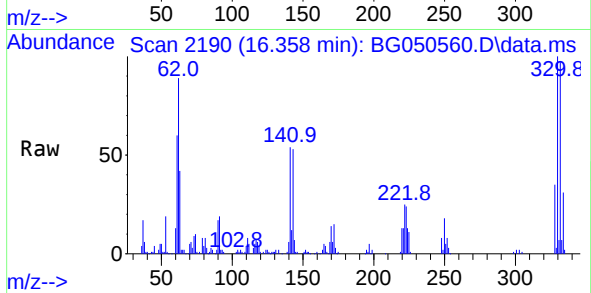
Tgt Ion:164 Resp: 156527
Ion Ratio Lower Upper
164 100
162 108.4 81.4 122.0
160 46.5 34.9 52.3



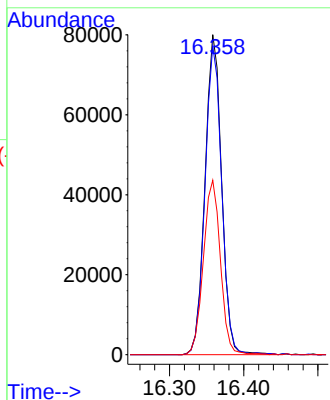
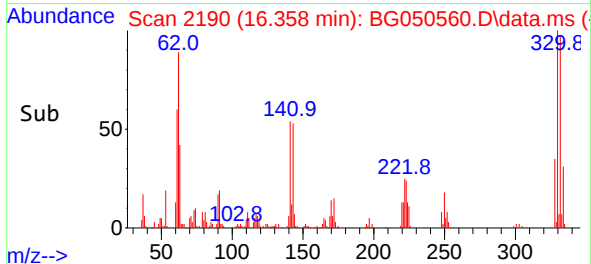


#42
2,4,6-Tribromophenol
Concen: 83.52 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.002 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

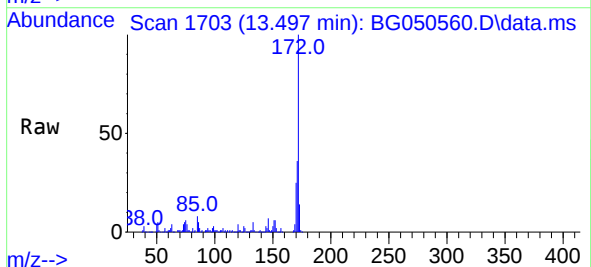
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)



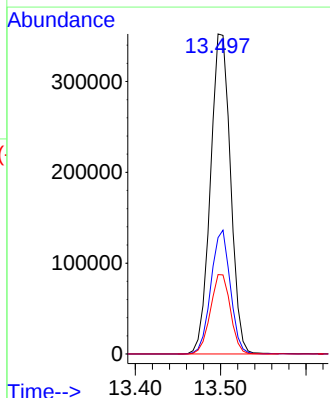
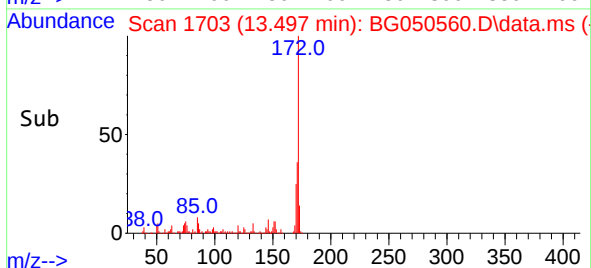
Tgt Ion:330 Resp: 124689
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 56.0 35.6 53.4#

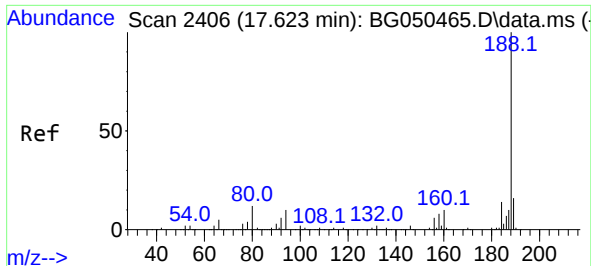


#45
2-Fluorobiphenyl
Concen: 55.44 ng
RT: 13.497 min Scan# 1703
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53



Tgt Ion:172 Resp: 576565
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.8 18.6 27.8

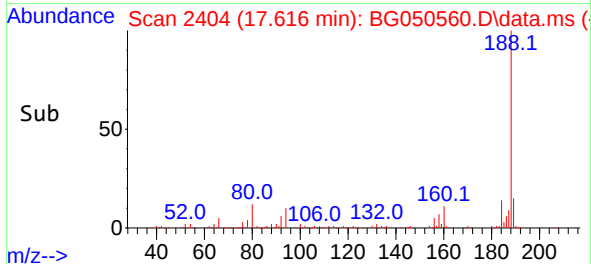
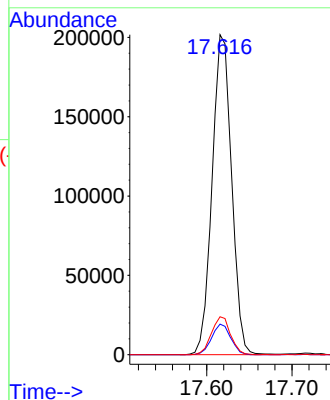
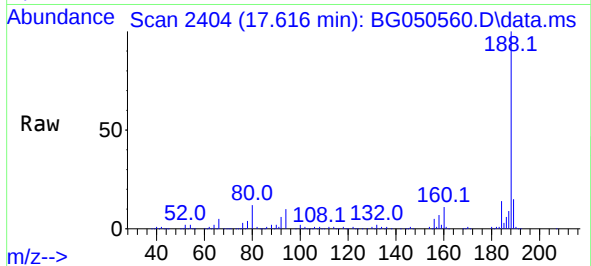




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

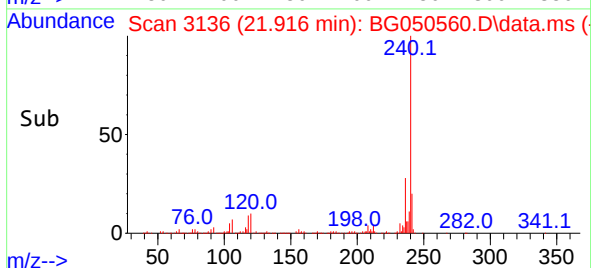
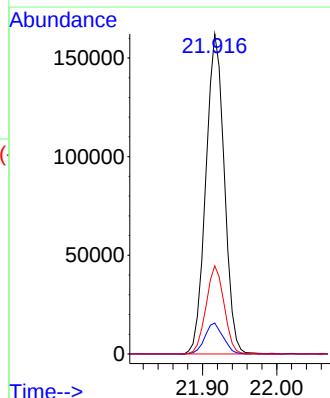
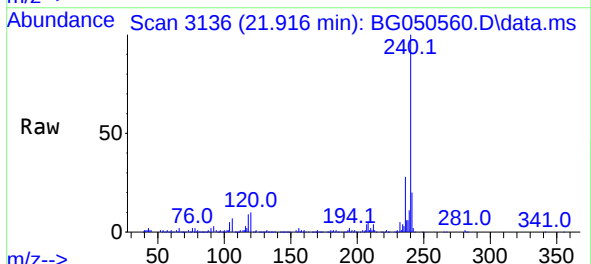
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

Tgt Ion:188 Resp: 320920
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.9 3.7 5.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

Tgt Ion:240 Resp: 281030
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 27.6 21.8 32.6

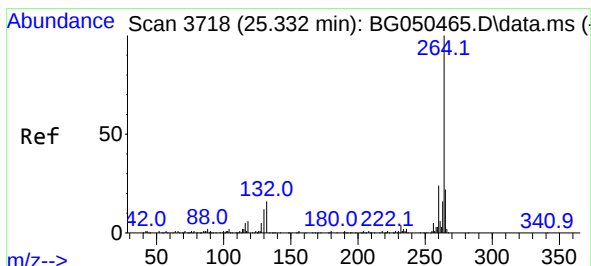
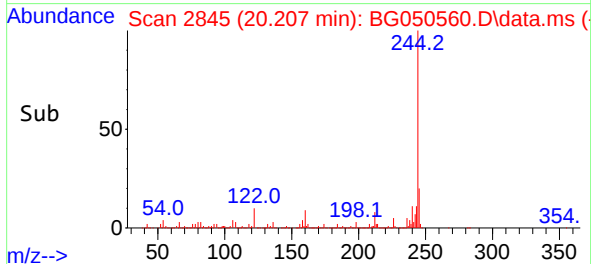
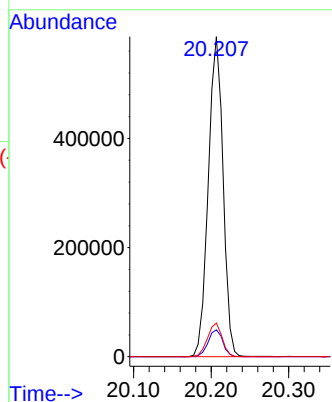
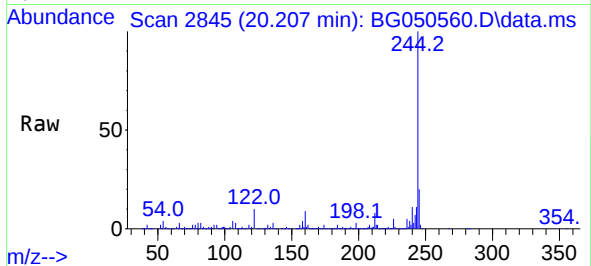




#79
 Terphenyl-d14
 Concen: 53.68 ng
 RT: 20.207 min Scan# 2845
 Delta R.T. -0.002 min
 Lab File: BG050560.D
 Acq: 12 Oct 2021 19:53

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(9.5-10.0)

Tgt Ion:244 Resp: 774081
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 10.5 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.330 min Scan# 3717
 Delta R.T. -0.002 min
 Lab File: BG050560.D
 Acq: 12 Oct 2021 19:53

Tgt Ion:264 Resp: 272363
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.4 16.9 25.3

