

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)

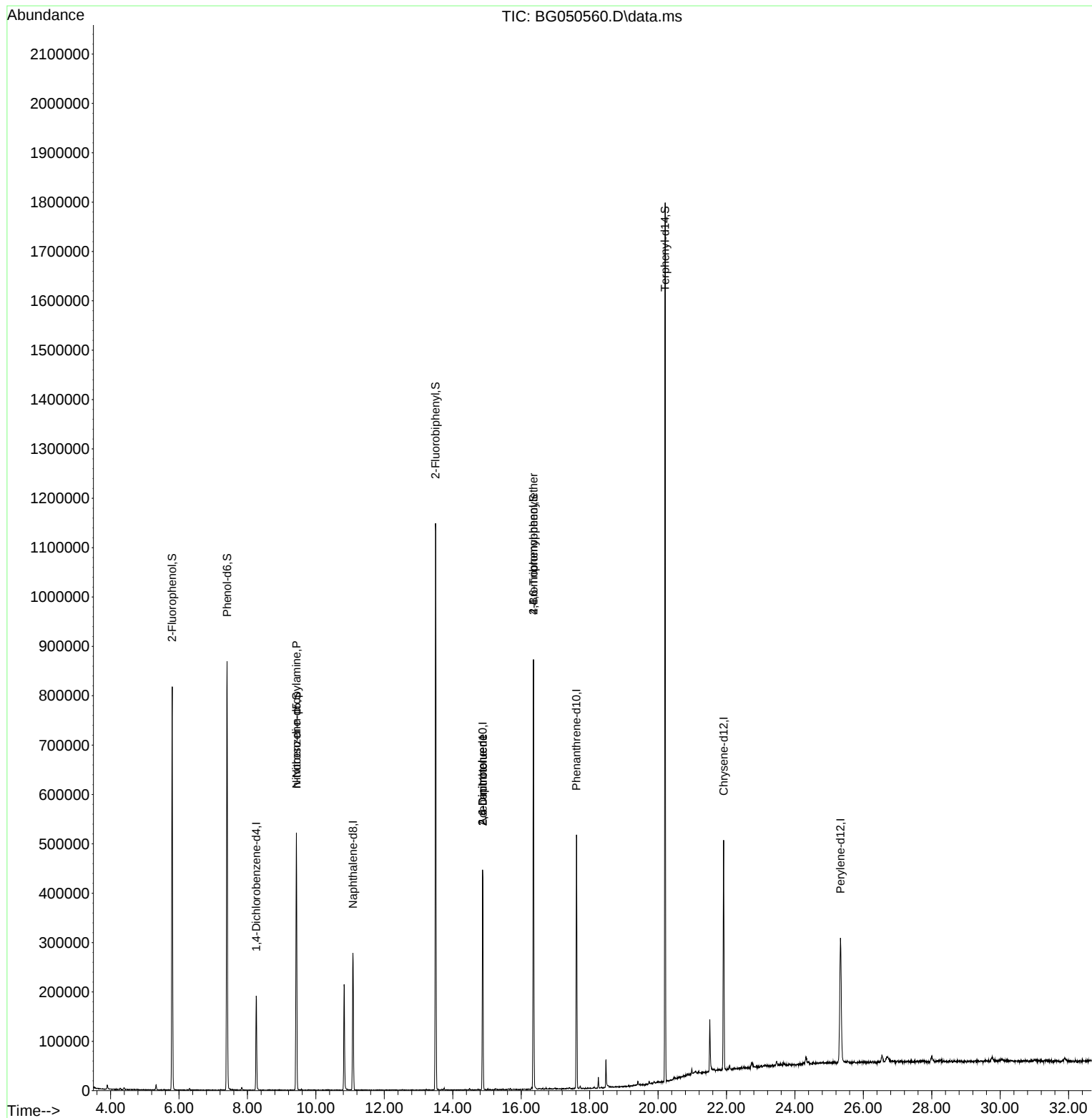
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	49808	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	230918	20.000	ng	# 0.00
39) Acenaphthene-d10	14.872	164	156527	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	320920	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	281030	20.000	ng	# 0.00
86) Perylene-d12	25.330	264	272363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	338834	101.738	ng	0.01
7) Phenol-d6	7.404	99	484133	100.403	ng	0.01
23) Nitrobenzene-d5	9.431	82	340143	60.976	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	124689	83.516	ng	0.00
45) 2-Fluorobiphenyl	13.497	172	576565	55.438	ng	0.00
79) Terphenyl-d14	20.207	244	774081	53.679	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.404	77	1178	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.431	70	47807	13.603	ng	# 71
51) 2,6-Dinitrotoluene	14.872	165	20691	8.731	ng	# 12
57) 2,4-Dinitrotoluene	14.872	165	20691	6.195	ng	# 17
67) 4-Bromophenyl-phenylether	16.358	248	10176	3.147	ng	# 1

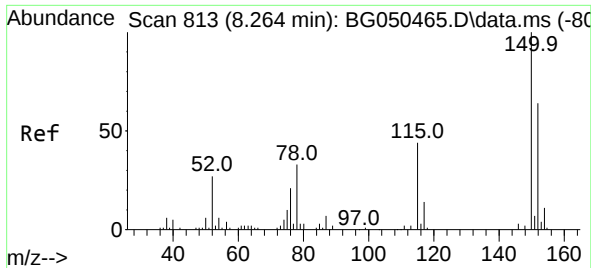
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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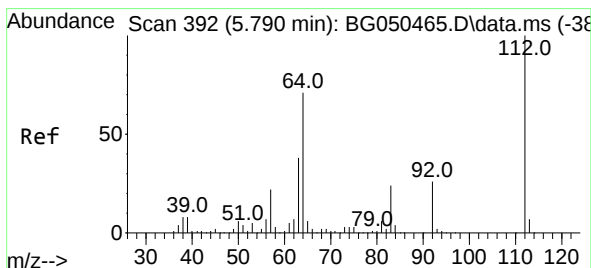
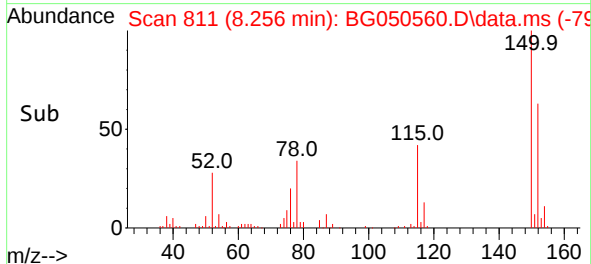
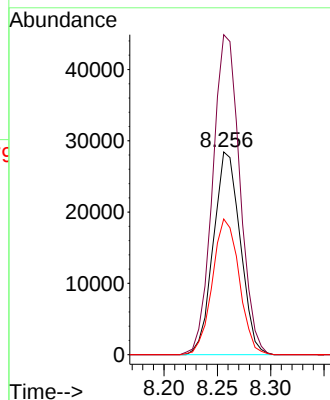
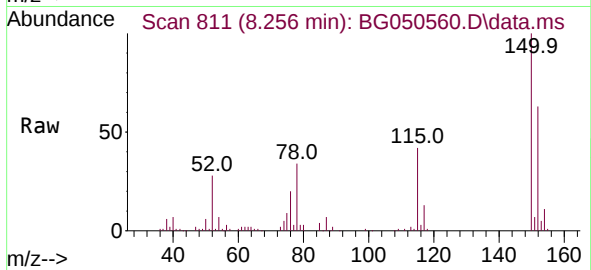




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.256 min Scan# 811
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

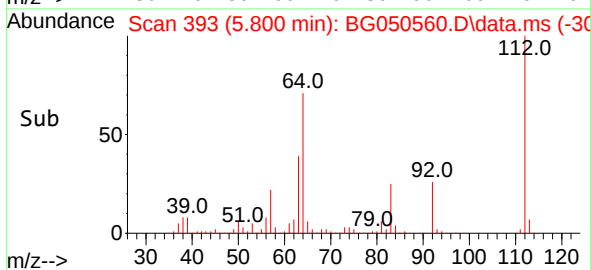
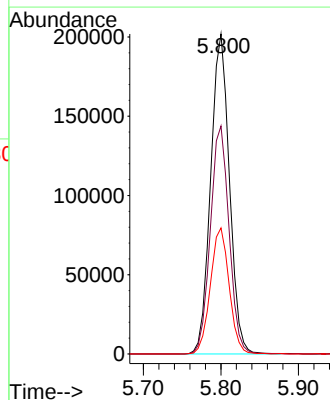
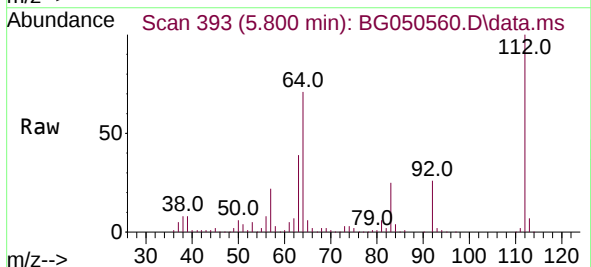
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

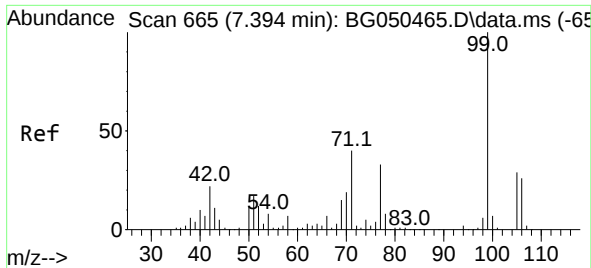
Tgt Ion:152 Resp: 49808
Ion Ratio Lower Upper
152 100
150 157.9 119.4 179.0
115 67.0 60.2 90.4



#5
2-Fluorophenol
Concen: 101.738 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

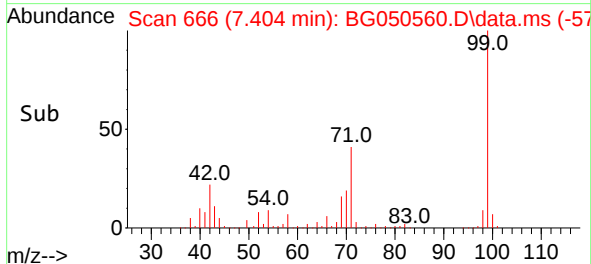
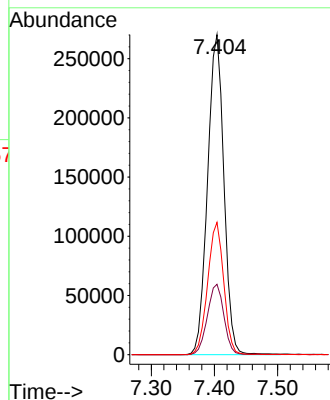
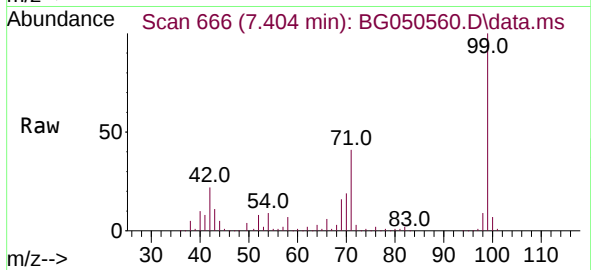




#7
Phenol-d6
Concen: 100.403 ng
RT: 7.404 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

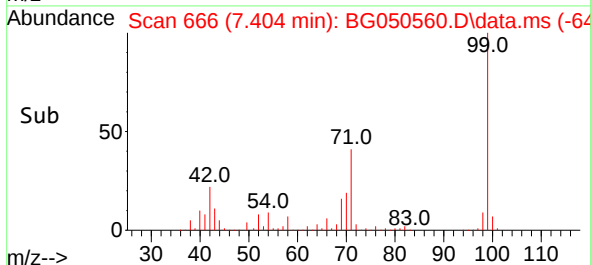
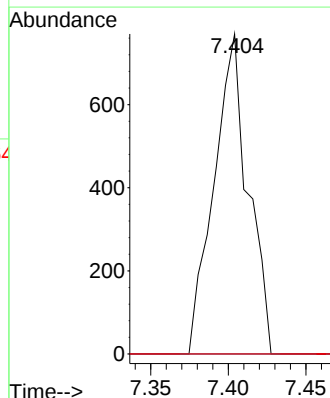
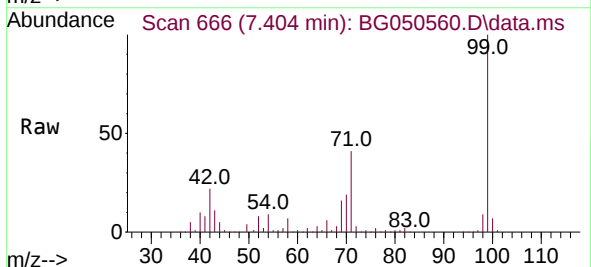
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

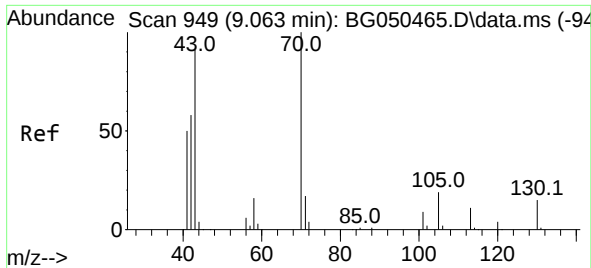
Tgt Ion: 99 Resp: 484133
Ion Ratio Lower Upper
99 100
42 22.0 20.5 30.7
71 41.3 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.404 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

Tgt Ion: 77 Resp: 1178
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

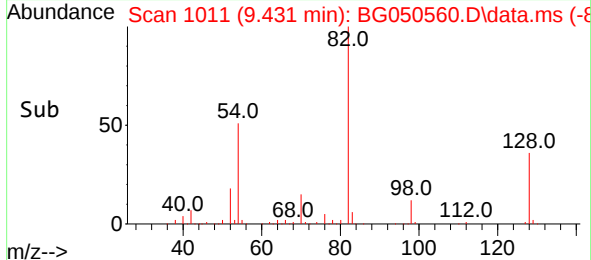
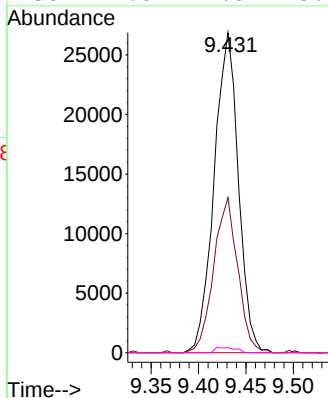
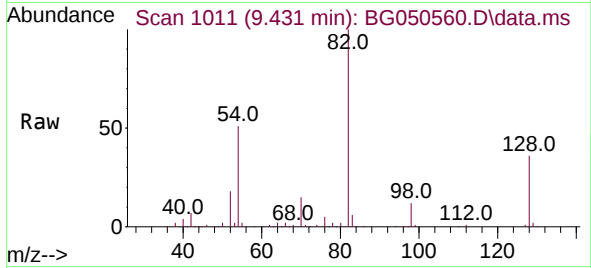




#19
n-Nitroso-di-n-propylamine
Concen: 13.603 ng
RT: 9.431 min Scan# 1011
Delta R.T. 0.368 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

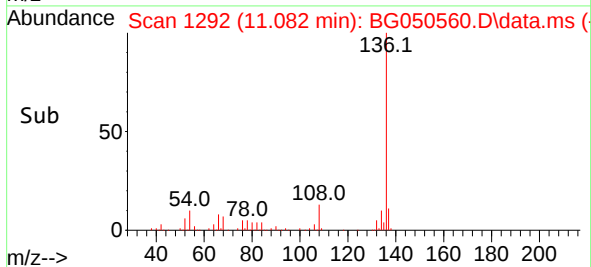
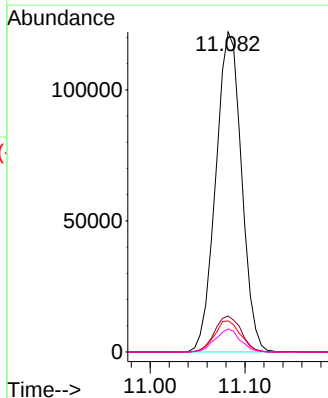
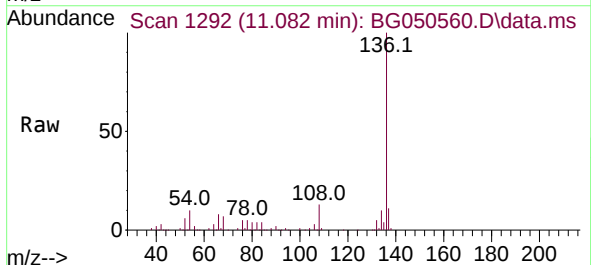
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

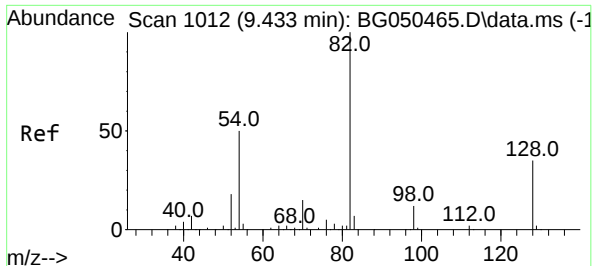
Tgt Ion:	70	Resp:	47807
Ion	Ratio	Lower	Upper
70	100		
42	48.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 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#

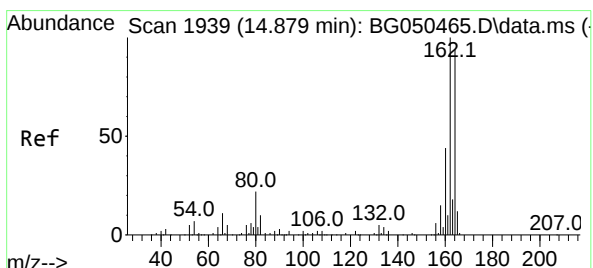
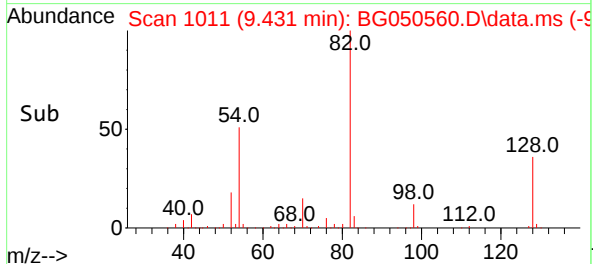
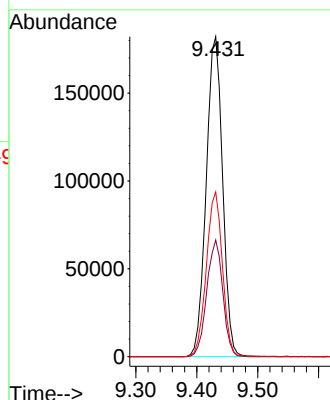
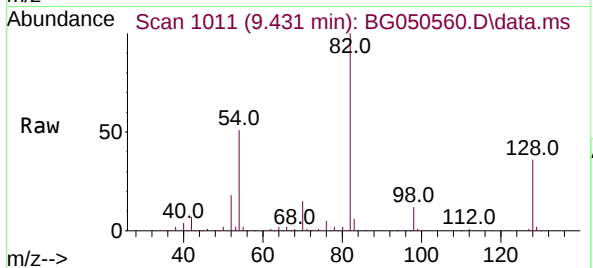




#23
Nitrobenzene-d5
Concen: 60.976 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

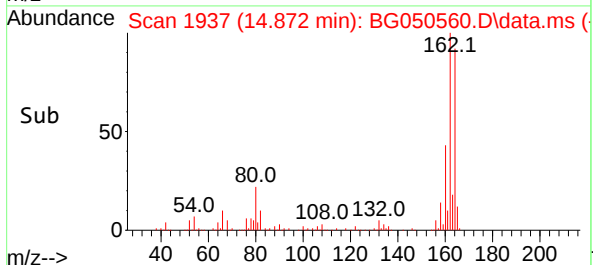
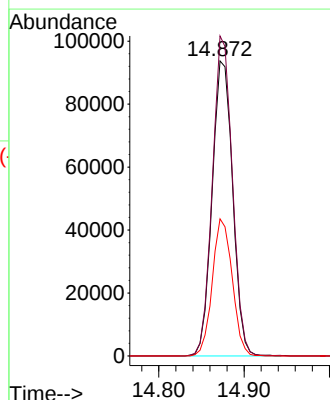
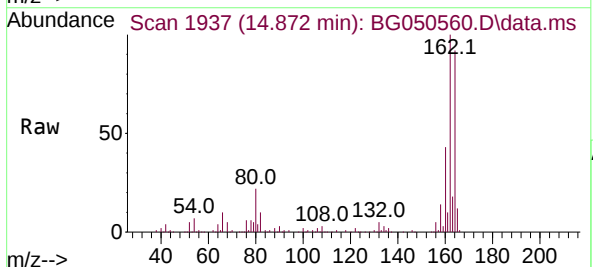
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

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

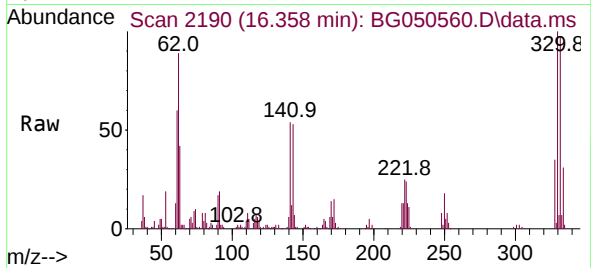
Tgt Ion:164 Resp: 156527
Ion Ratio Lower Upper
164 100
162 108.4 81.4 122.0
160 46.5 34.9 52.3



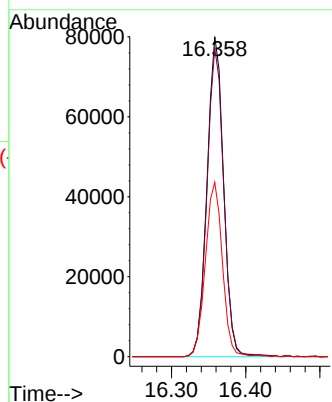
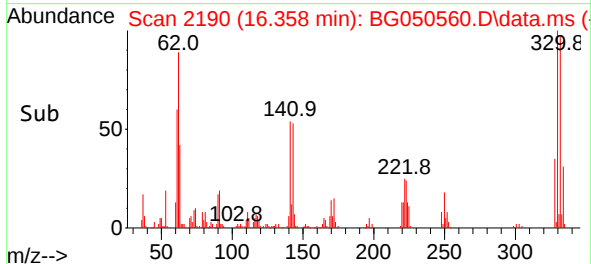


#42
 2,4,6-Tribromophenol
 Concen: 83.516 ng
 RT: 16.358 min Scan# 2190
 Delta R.T. -0.002 min
 Lab File: BG050560.D
 Acq: 12 Oct 2021 19:53

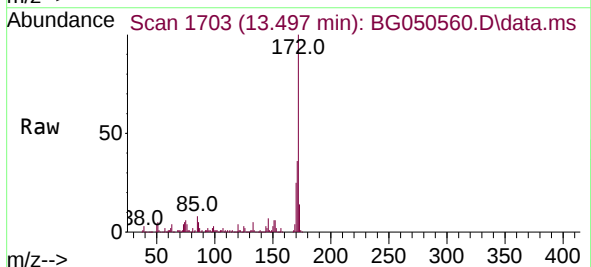
Instrument :
 BNA_G
 ClientSampleId :
 SB-4(9.5-10.0)



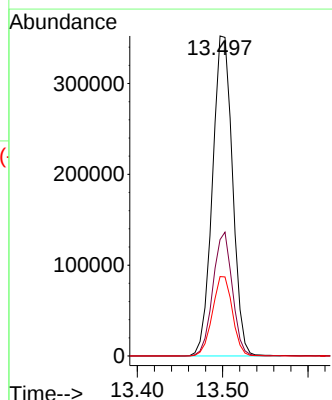
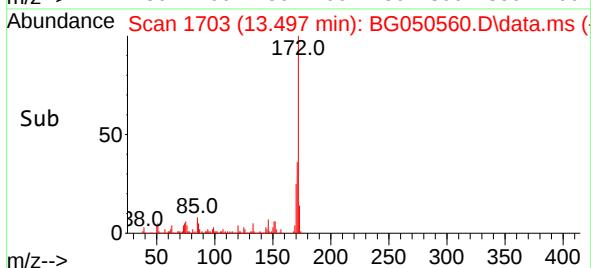
Tgt Ion:330 Resp: 124689
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 56.0 35.6 53.4#



#45
 2-Fluorobiphenyl
 Concen: 55.438 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

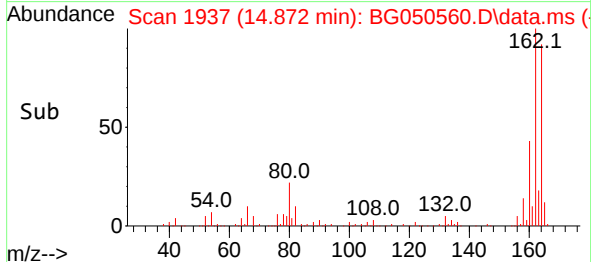
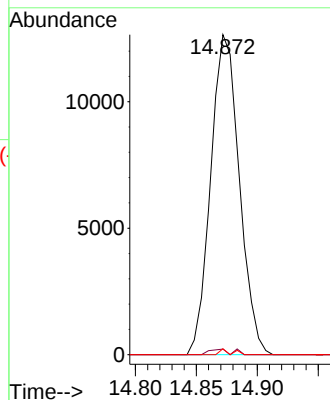
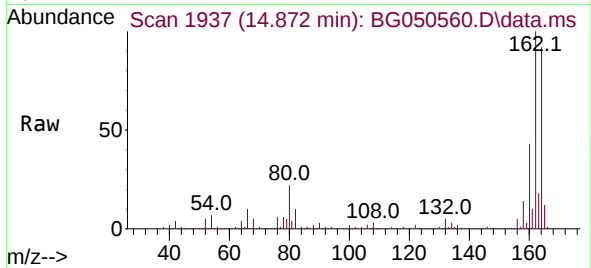




#51
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 14.872 min Scan# 1937
Delta R.T. 0.427 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

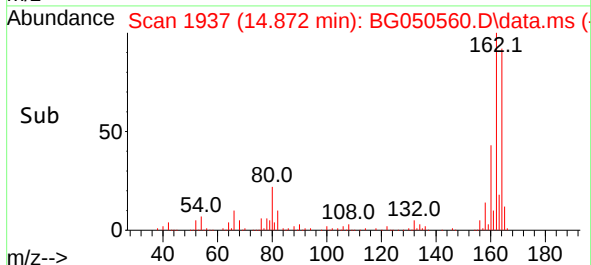
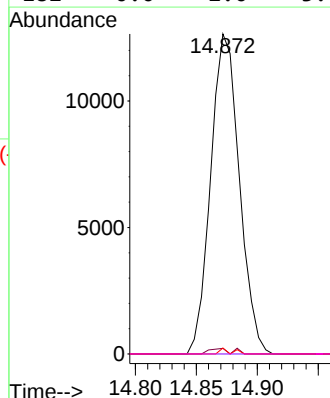
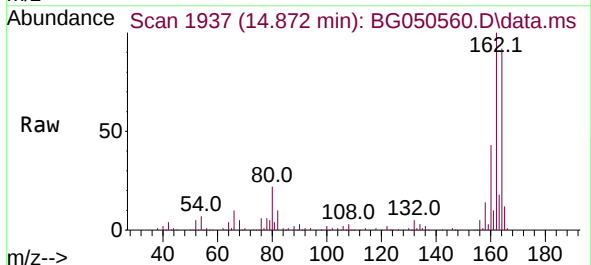
Instrument :
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SB-4(9.5-10.0)

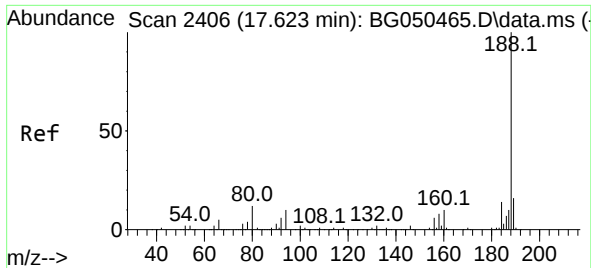
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	63.3	94.9#
89	1.9	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 14.872 min Scan# 1937
Delta R.T. -0.354 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.0	72.0#
89	1.9	65.4	98.0#
182	0.0	2.0	3.0#

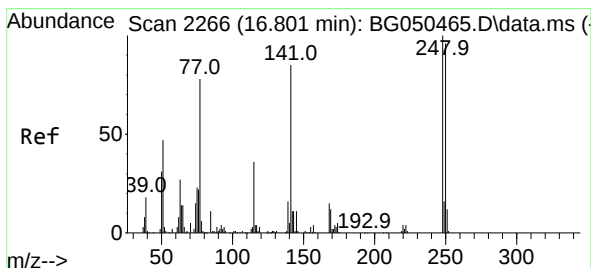
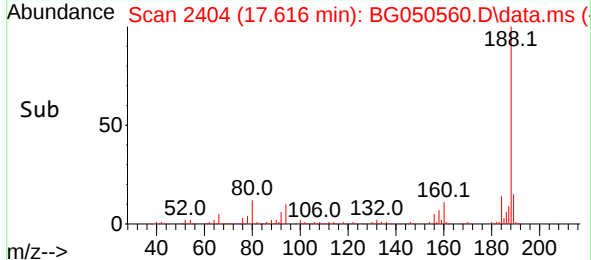
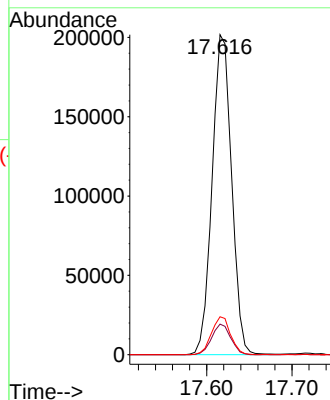
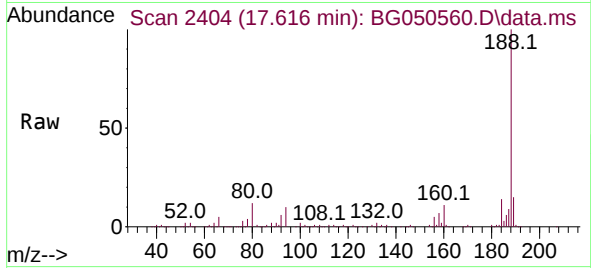




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

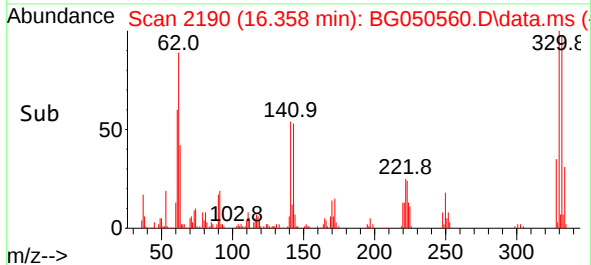
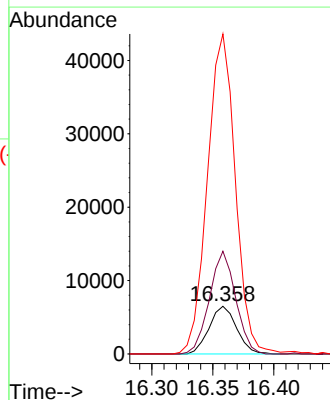
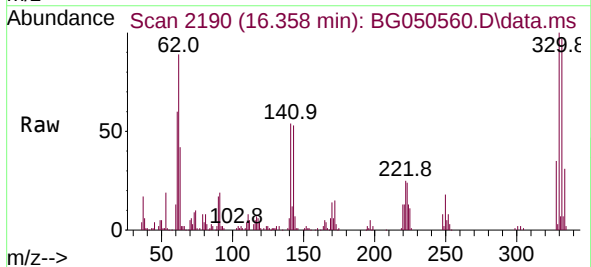
Instrument :
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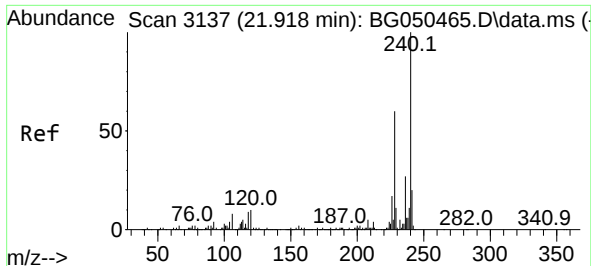
Tgt Ion:188 Resp: 320920
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 11.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.147 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.442 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

Tgt Ion:248 Resp: 10176
Ion Ratio Lower Upper
248 100
250 215.3 76.1 114.1#
141 670.2 65.4 98.2#

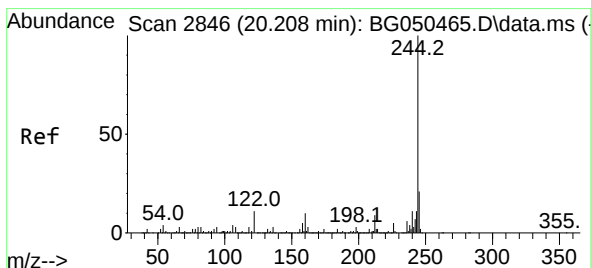
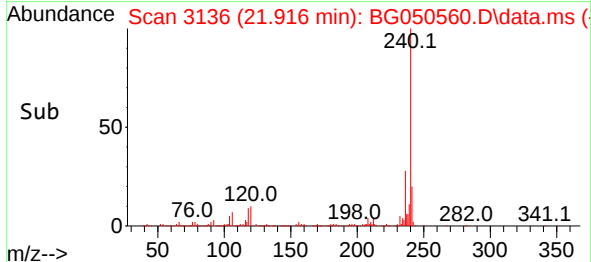
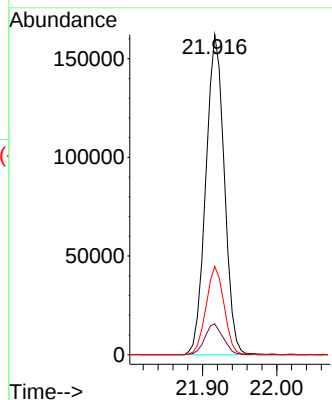
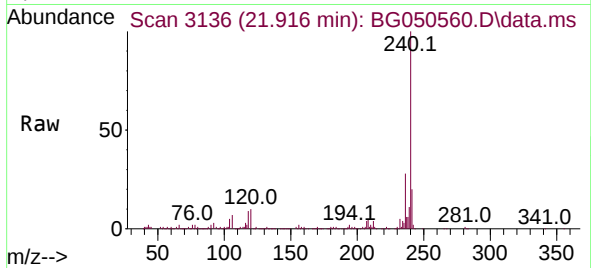




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

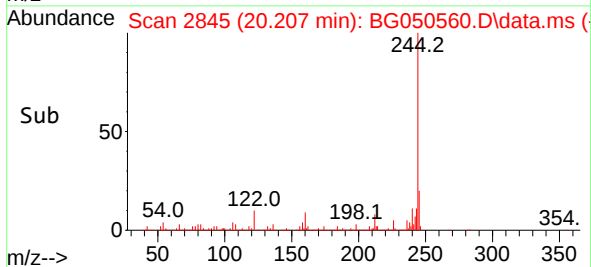
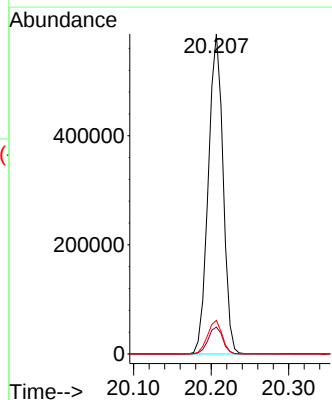
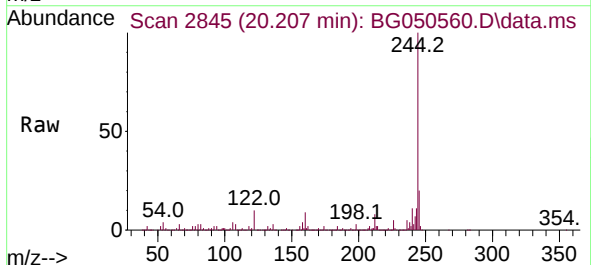
Instrument :
BNA_G
ClientSampleId :
SB-4(9.5-10.0)

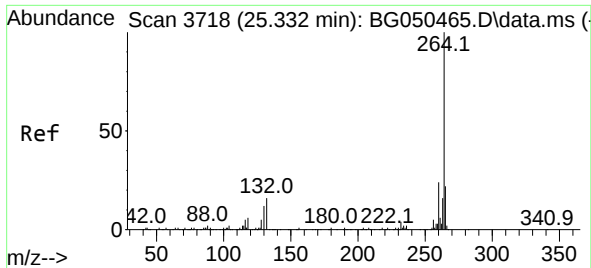
Tgt Ion:240 Resp: 281030
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 27.6 21.8 32.6



#79
Terphenyl-d14
Concen: 53.679 ng
RT: 20.207 min Scan# 2845
Delta R.T. -0.002 min
Lab File: BG050560.D
Acq: 12 Oct 2021 19:53

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: 20.000 ng
 RT: 25.330 min Scan# 3717
 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:	264	Resp:	272363
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	22.4	16.9	25.3

