

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012821\
 Data File : BG048063.D
 Acq On : 28 Jan 2021 18:26
 Operator : CG/JU
 Sample : M1252-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-CON

Quant Time: Jan 28 23:33:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 19:39:42 2021
 Response via : Initial Calibration

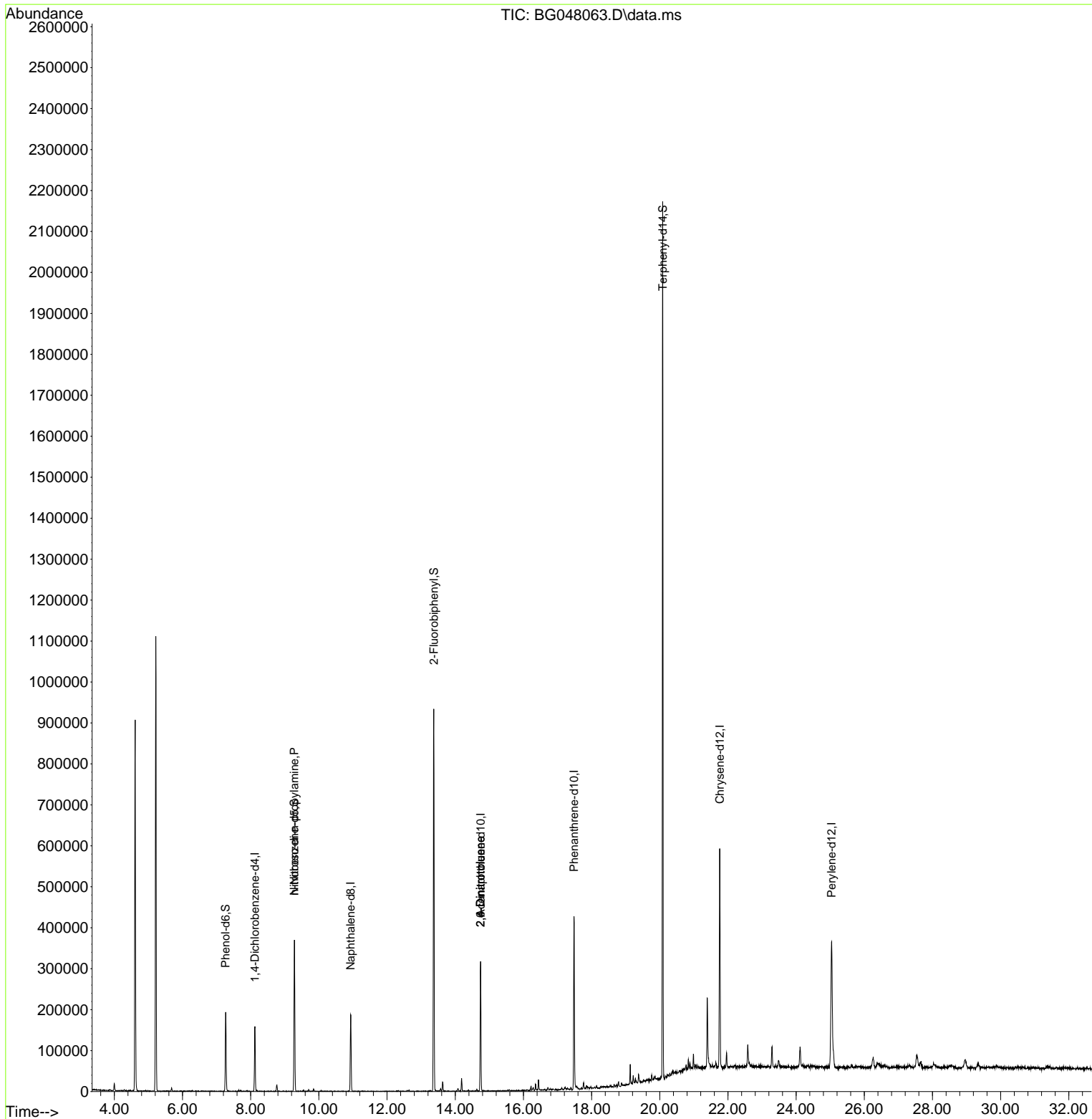
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	41386	20.00	ng	0.00
21) Naphthalene-d8	10.932	136	158211	20.00	ng	-0.01
39) Acenaphthene-d10	14.745	164	110138	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	276257	20.00	ng	-0.01
76) Chrysene-d12	21.761	240	327245	20.00	ng	#-0.01
86) Perylene-d12	25.039	264	346697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	3167	1.18	ng	0.00
7) Phenol-d6	7.266	99	105565	25.78	ng	-0.01
23) Nitrobenzene-d5	9.281	82	228592	57.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.114	330	55	0.03	ng	-0.13
45) 2-Fluorobiphenyl	13.371	172	503651	59.12	ng	-0.01
79) Terphenyl-d14	20.086	244	932466	49.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.281	70	32751	10.96	ng	# 74
51) 2,6-Dinitrotoluene	14.740	165	14193	6.85	ng	# 34
57) 2,4-Dinitrotoluene	14.740	165	14193	4.74	ng	# 32

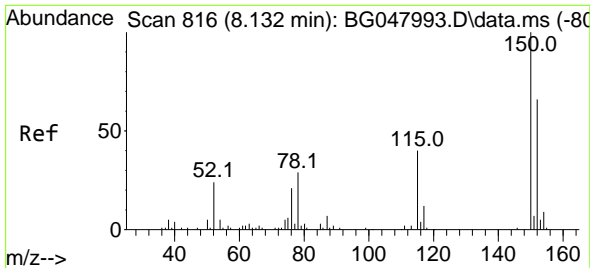
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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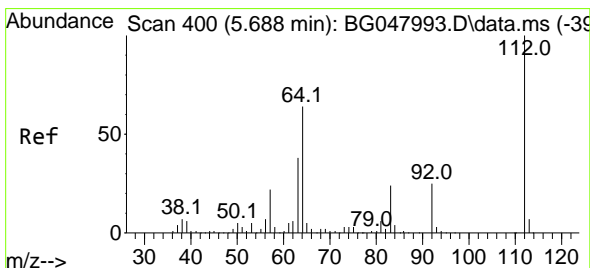
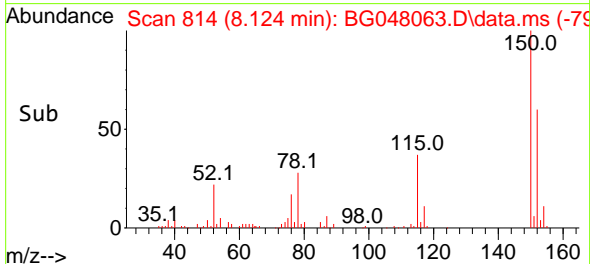
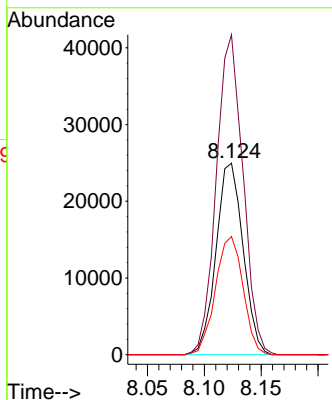
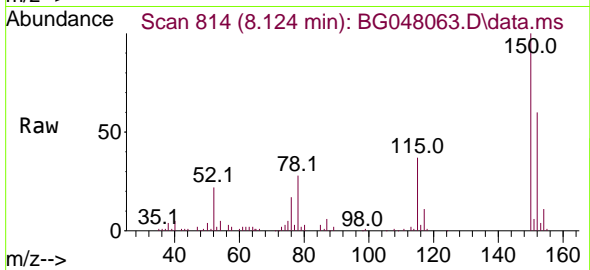




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.124 min Scan# 814
 Delta R.T. -0.008 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

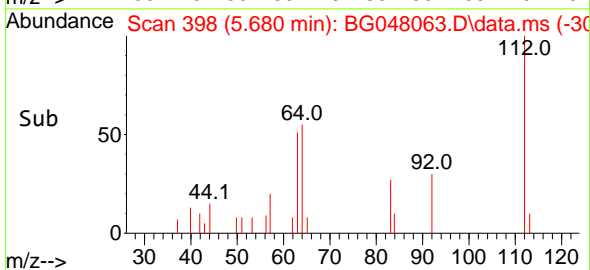
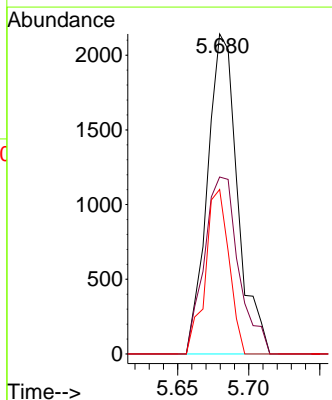
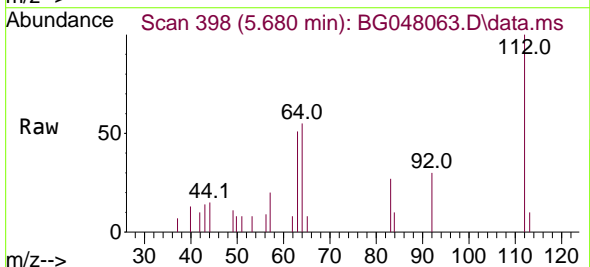
Instrument :
 BNA_G
 ClientSampled :
 BS-CON

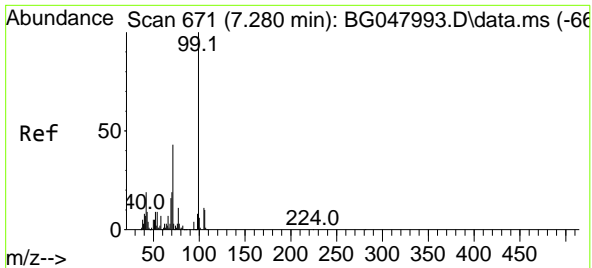
Tgt Ion:152 Resp: 41386
 Ion Ratio Lower Upper
 152 100
 150 167.1 125.0 187.6
 115 61.8 41.8 62.6



#5
 2-Fluorophenol
 Concen: 1.18 ng
 RT: 5.680 min Scan# 398
 Delta R.T. -0.009 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Tgt Ion:112 Resp: 3167
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.7 70.1
 63 51.4 22.8 34.2#

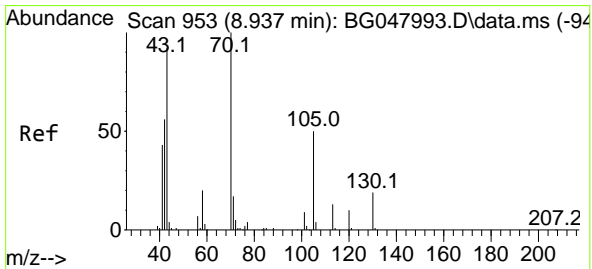
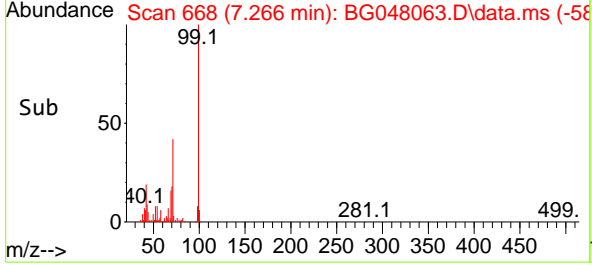
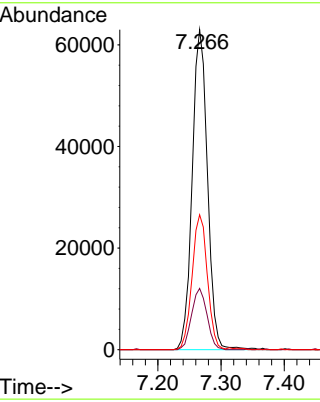
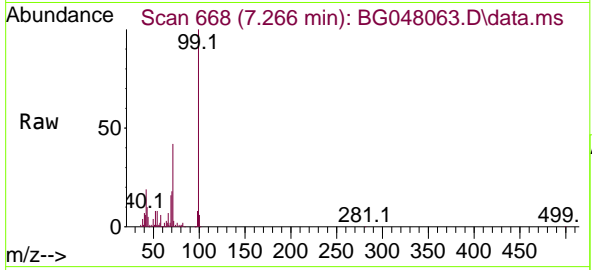




#7
 Phenol-d6
 Concen: 25.78 ng
 RT: 7.266 min Scan# 668
 Delta R.T. -0.015 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

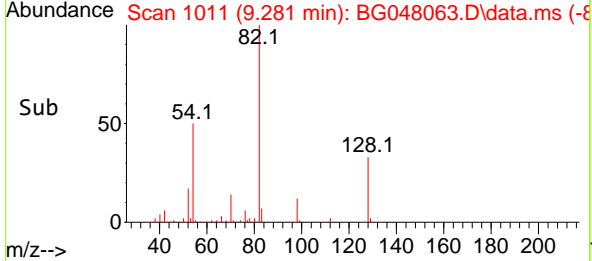
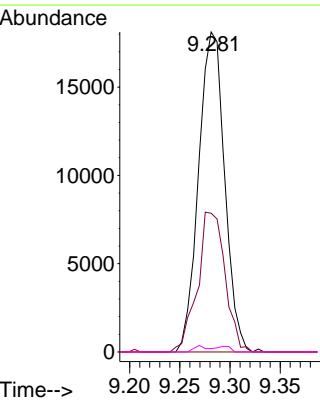
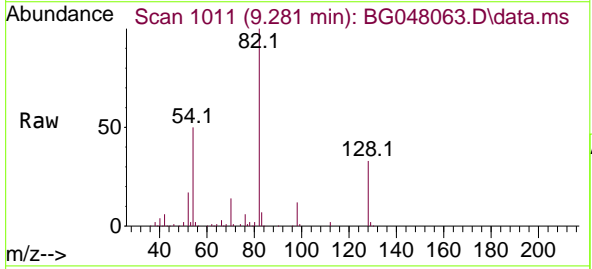
Instrument :
 BNA_G
 ClientSampled :
 BS-CON

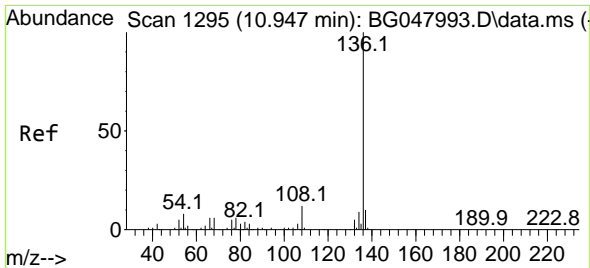
Tgt Ion	Resp	Lower	Upper
99	105565		
42	19.2	12.8	19.2
71	42.1	24.6	36.8#



#19
 n-Nitroso-di-n-propylamine
 Concen: 10.96 ng
 RT: 9.281 min Scan# 1011
 Delta R.T. 0.344 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

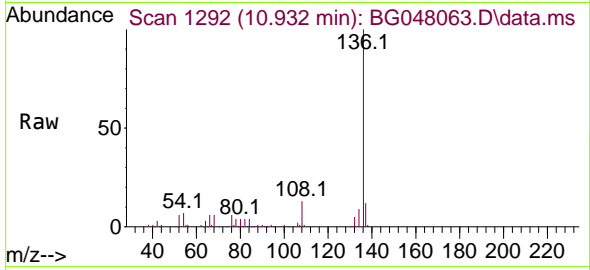
Tgt Ion	Resp	Lower	Upper
70	32751		
42	43.4	45.6	68.4#
101	0.0	8.4	12.6#
130	1.0	17.8	26.8#





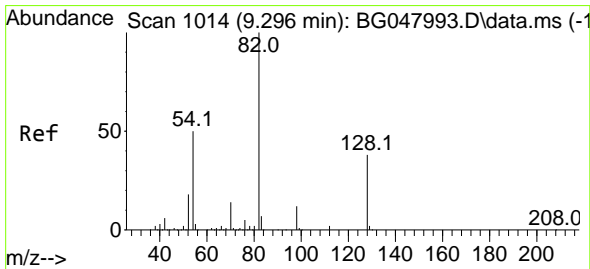
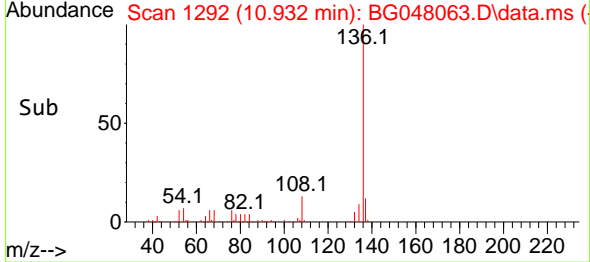
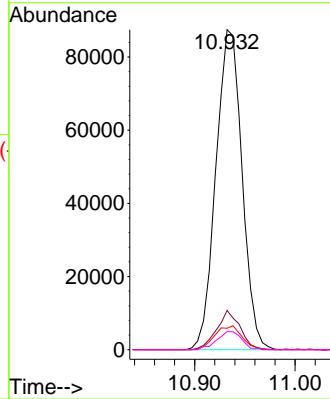
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.932 min Scan# 1292
 Delta R.T. -0.015 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Instrument :
 BNA_G
 ClientSampled :
 BS-CON

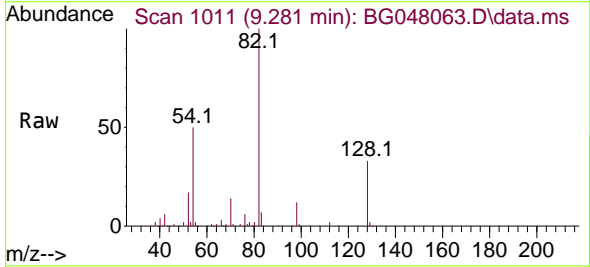


Tgt Ion: 136 Resp: 158211

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.1	13.7
54	6.7	6.2	9.4
68	5.7	5.0	7.4

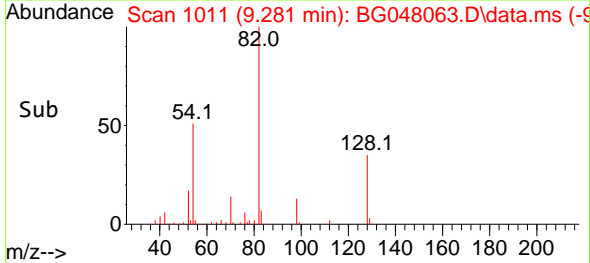
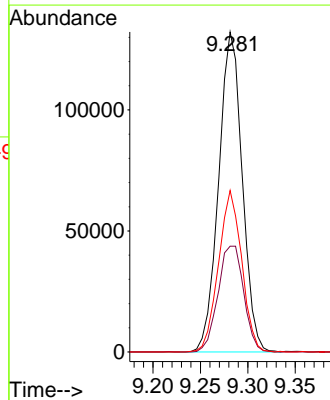


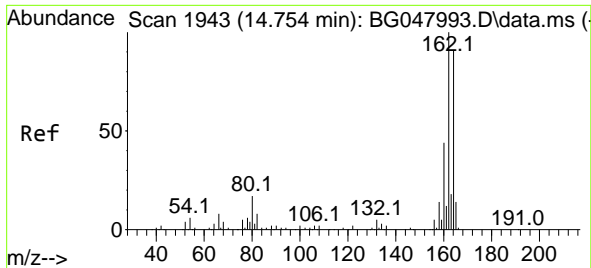
#23
 Nitrobenzene-d5
 Concen: 57.17 ng
 RT: 9.281 min Scan# 1011
 Delta R.T. -0.015 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26



Tgt Ion: 82 Resp: 228592

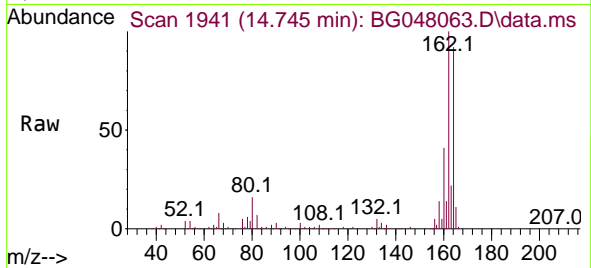
Ion	Ratio	Lower	Upper
82	100		
128	33.1	37.0	55.6#
54	50.4	39.0	58.4



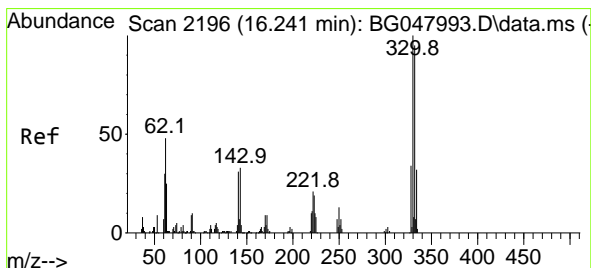
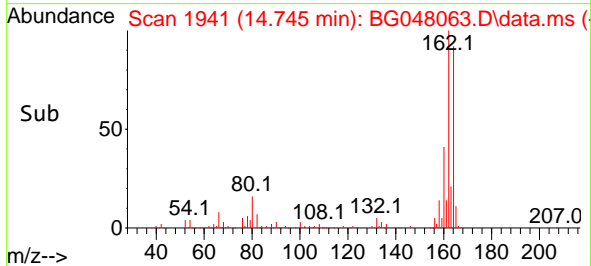
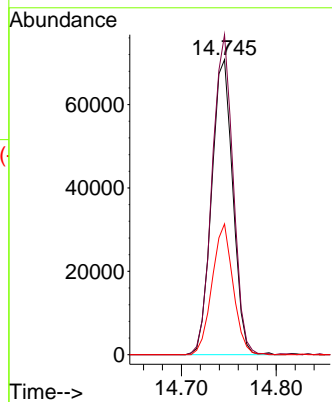


#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.745 min Scan# 1941
 Delta R.T. -0.009 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Instrument :
 BNA_G
 ClientSampled :
 BS-CON

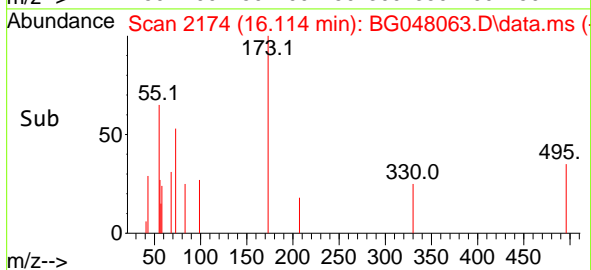
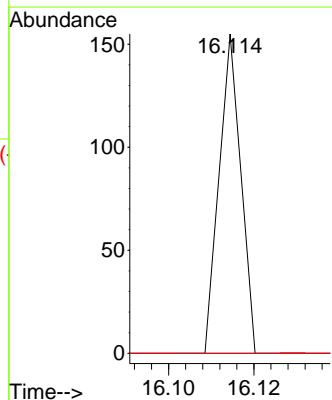
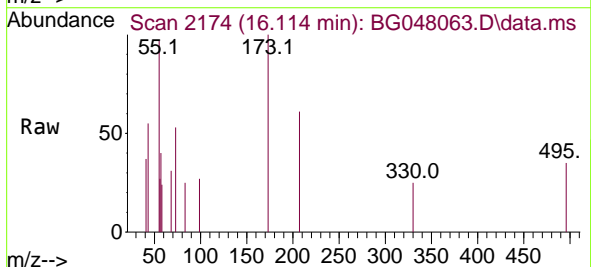


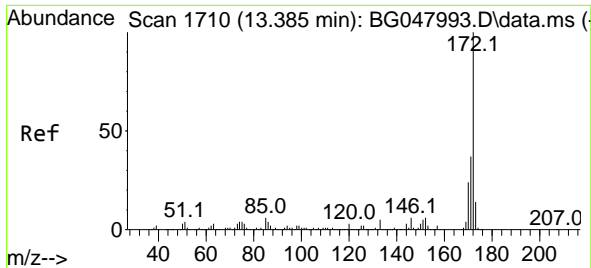
Tgt Ion:164 Resp: 110138
 Ion Ratio Lower Upper
 164 100
 162 108.4 82.3 123.5
 160 44.3 35.3 52.9



#42
 2,4,6-Tribromophenol
 Concen: 0.03 ng
 RT: 16.114 min Scan# 2174
 Delta R.T. -0.126 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

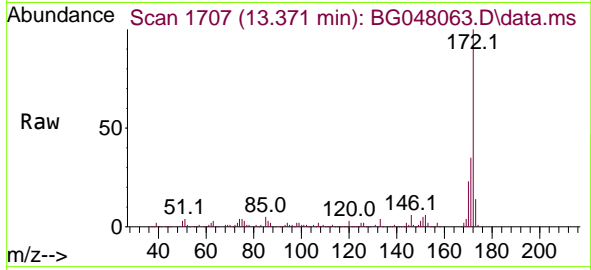
Tgt Ion:330 Resp: 55
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.5 114.7#
 141 0.0 26.0 39.0#





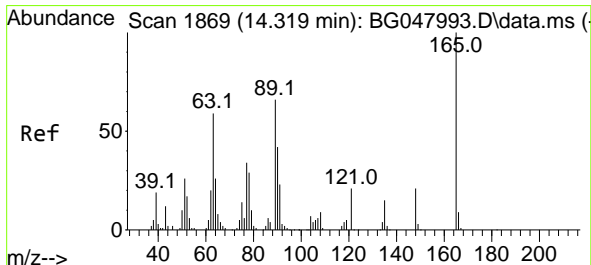
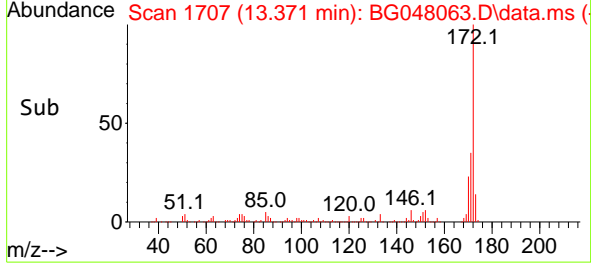
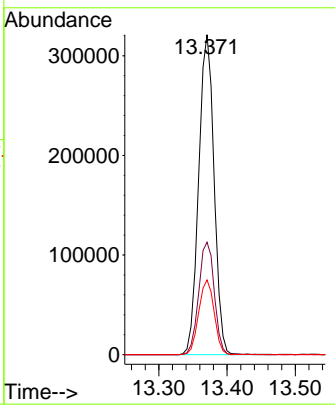
#45
 2-Fluorobiphenyl
 Concen: 59.12 ng
 RT: 13.371 min Scan# 1707
 Delta R.T. -0.015 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Instrument :
 BNA_G
ClientSampled :
 BS-CON



Tgt Ion:172 Resp: 503651

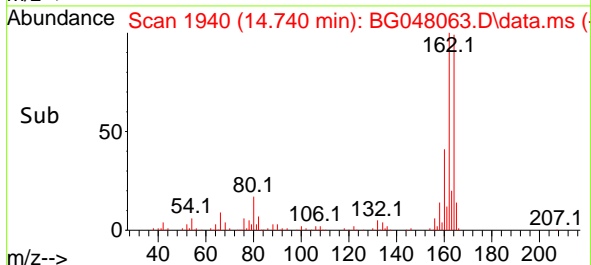
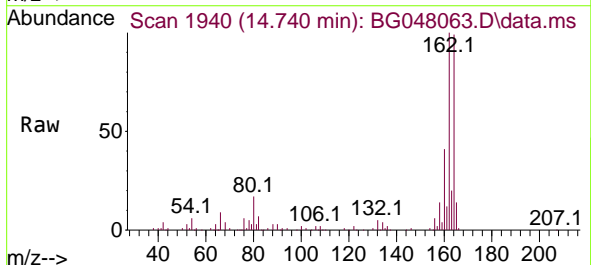
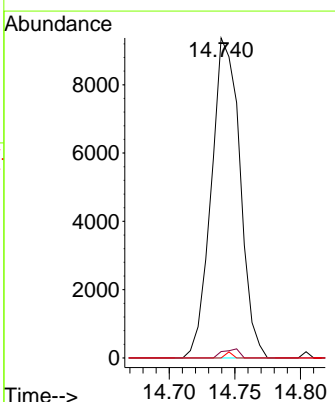
Ion	Ratio	Lower	Upper
172	100		
171	35.2	31.3	46.9
170	23.3	20.8	31.2

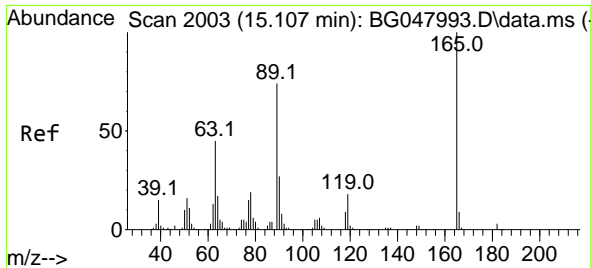


#51
 2,6-Dinitrotoluene
 Concen: 6.85 ng
 RT: 14.740 min Scan# 1940
 Delta R.T. 0.420 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Tgt Ion:165 Resp: 14193

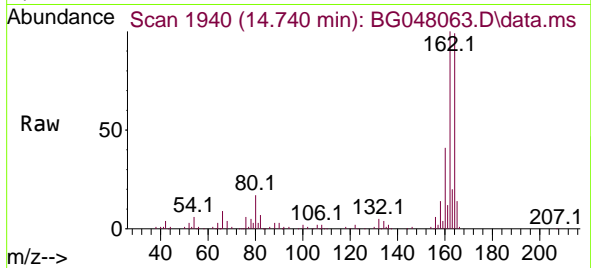
Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.7	50.5#
89	0.0	36.6	54.8#



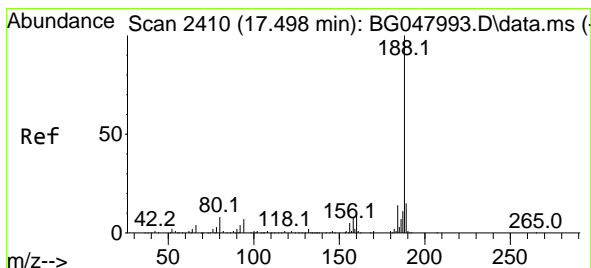
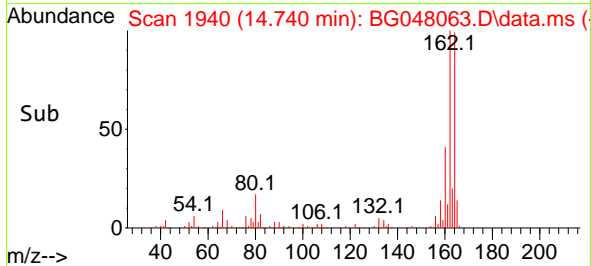
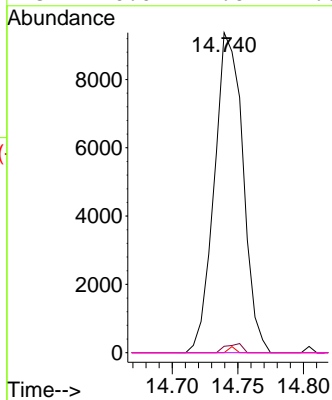


#57
 2,4-Dinitrotoluene
 Concen: 4.74 ng
 RT: 14.740 min Scan# 1940
 Delta R.T. -0.367 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

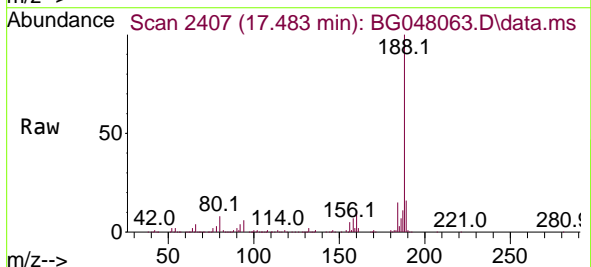
Instrument :
 BNA_G
 ClientSampled :
 BS-CON



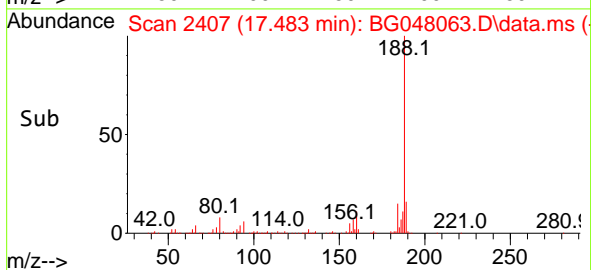
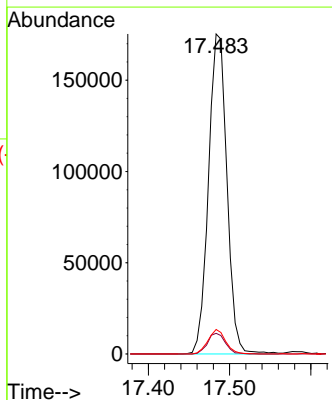
Tgt Ion	Resp	Lower	Upper
165	100		
63	2.0	26.4	39.6#
89	0.0	47.8	71.8#
182	0.0	2.6	4.0#

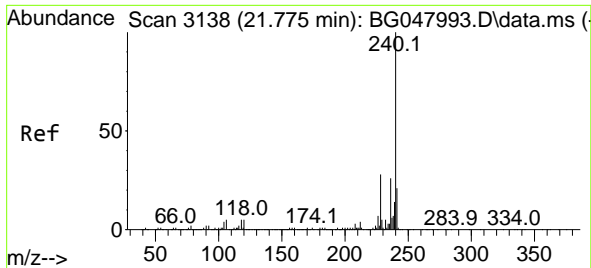


#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.483 min Scan# 2407
 Delta R.T. -0.015 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26



Tgt Ion	Resp	Lower	Upper
188	100		
94	6.5	6.3	9.5
80	7.7	7.0	10.6

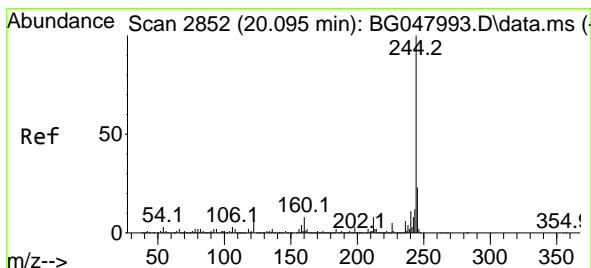
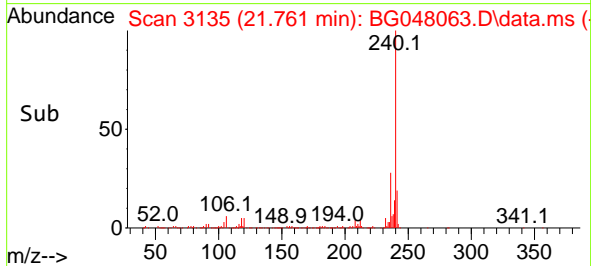
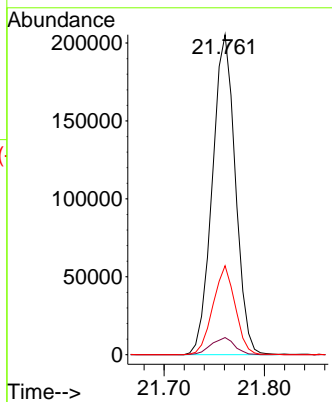
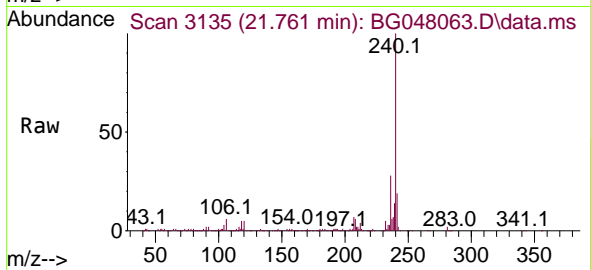




#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.761 min Scan# 3135
 Delta R.T. -0.015 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

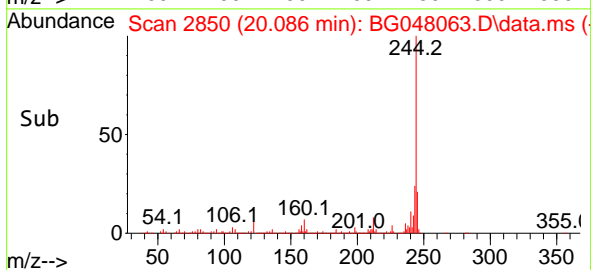
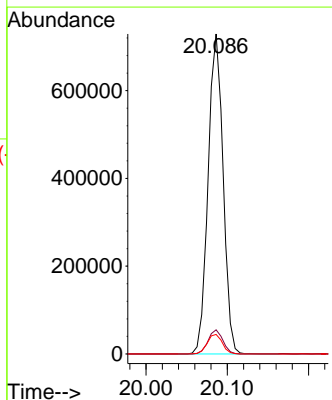
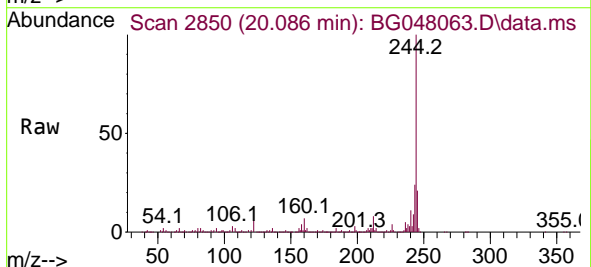
Instrument :
 BNA_G
 ClientSampled :
 BS-CON

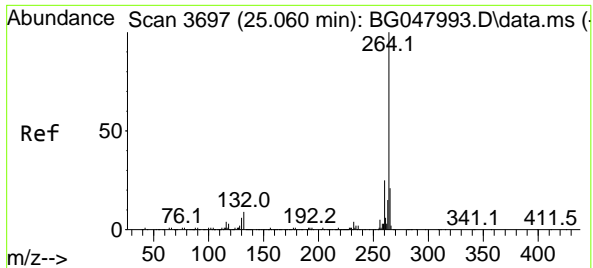
Tgt Ion	Resp	Lower	Upper
240	100		
120	5.3	6.2	9.4#
236	27.8	20.5	30.7



#79
 Terphenyl-d14
 Concen: 49.40 ng
 RT: 20.086 min Scan# 2850
 Delta R.T. -0.009 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.6	6.7	10.1
122	6.1	7.8	11.6#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.039 min Scan# 3693
 Delta R.T. -0.020 min
 Lab File: BG048063.D
 Acq: 28 Jan 2021 18:26

Instrument :
 BNA_G
 ClientSampled :
 BS-CON

Tgt Ion:264 Resp: 346697

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.4	17.8	26.8

