

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG034009.D
 Acq On : 26 Apr 2018 6:01
 Operator : SJ/JU
 Sample : J2155-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 07:22:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

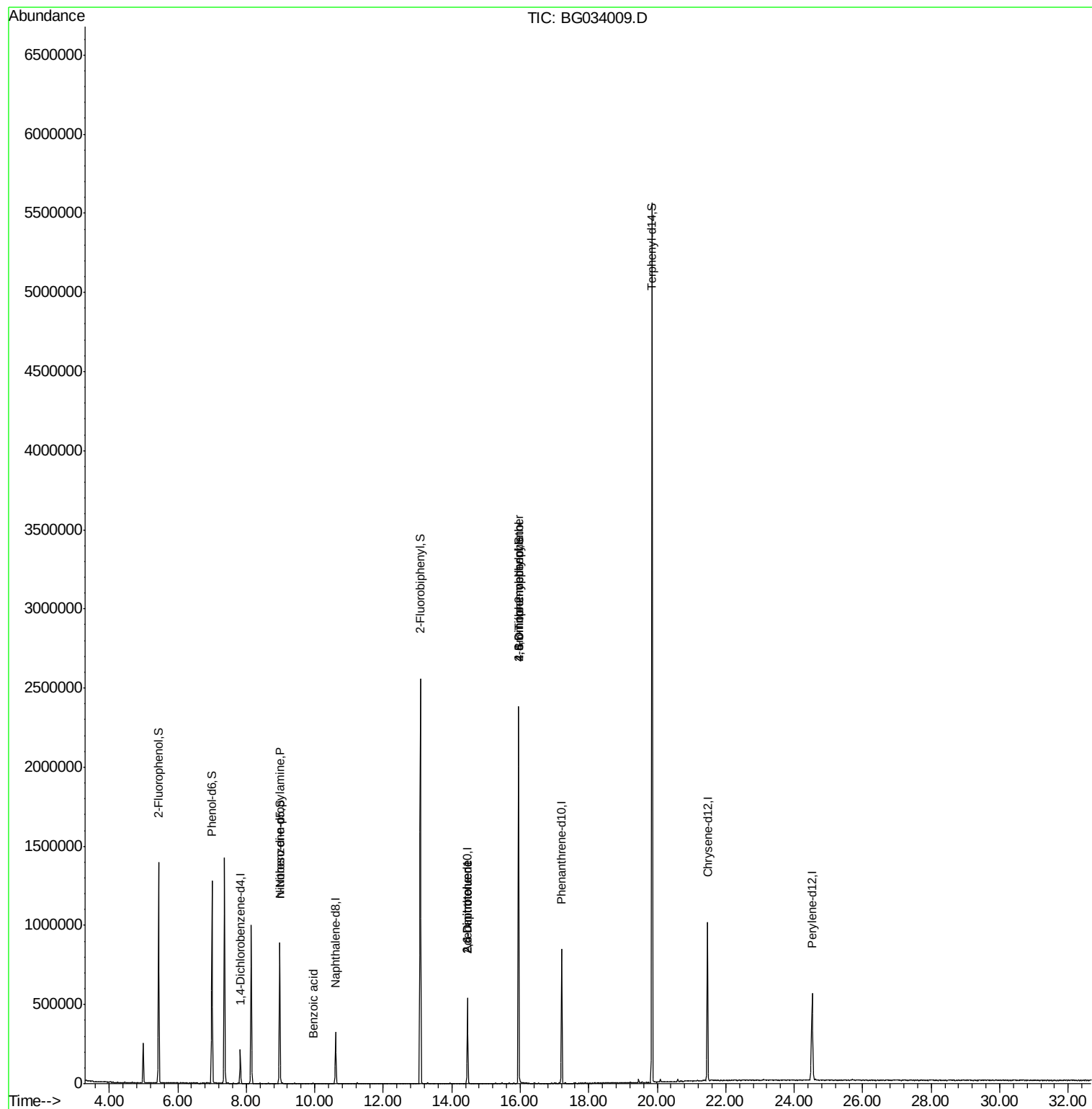
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	60939	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	276402	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	193696	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	521655	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	583278	20.00	ng	-0.02
86) Perylene-d12	24.52	264	576306	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	579668	151.87	ng	0.00
7) Phenol-d6	7.00	99	729168	130.97	ng	0.00
23) Nitrobenzene-d5	8.98	82	527323	108.57	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	432276	191.29	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1342873	101.85	ng	-0.02
78) Terphenyl-d14	19.84	244	2521942	97.14	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1397	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	8.98	70	73385	15.464 ng	#	5
32) Benzoic acid	9.96	122	58	5.097 ng	#	1
50) 2,6-Dinitrotoluene	14.46	165	25120	7.780 ng	#	19
56) 2,4-Dinitrotoluene	14.46	165	25120	5.850 ng	#	17
64) 4,6-Dinitro-2-methylphenol	15.94	198	567	6.684 ng	#	72
66) 4-Bromophenyl-phenylether	15.95	248	29987	5.234 ng	#	1

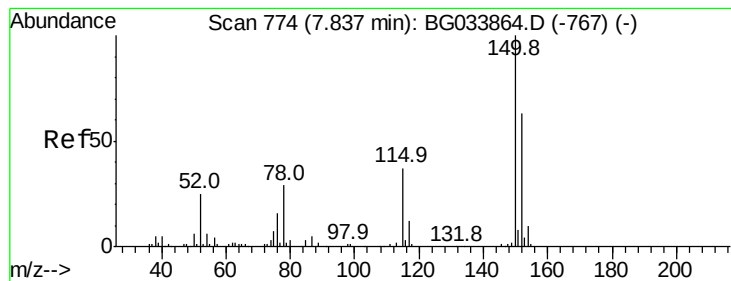
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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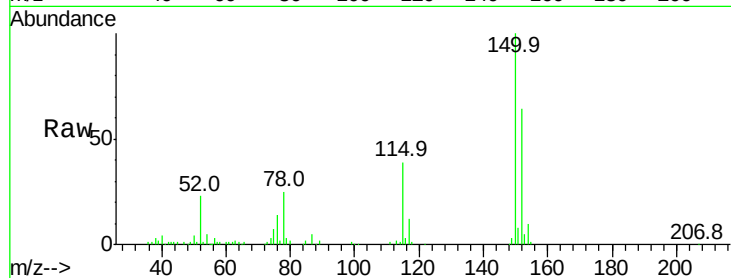


#1

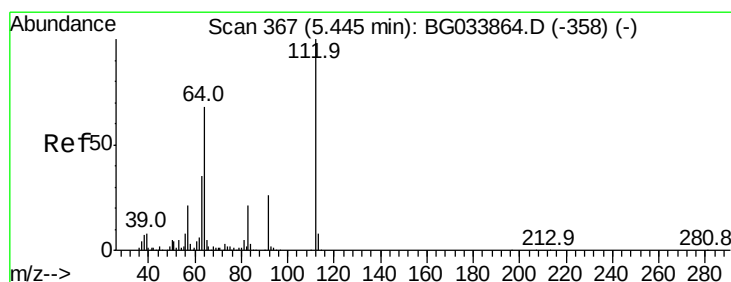
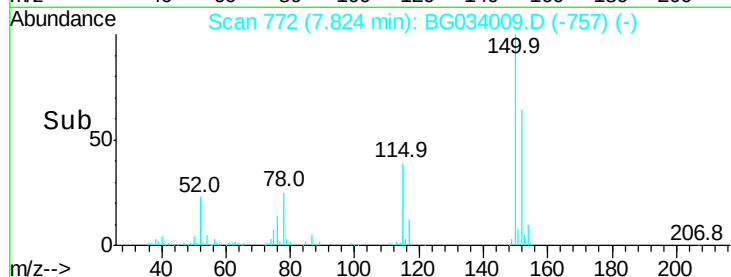
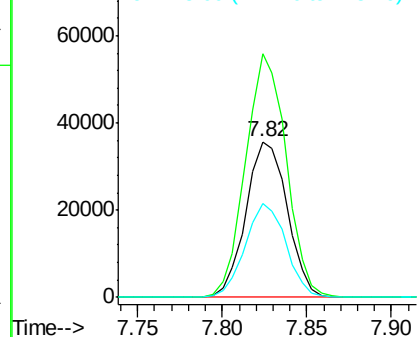
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	60.5	53.0	79.4



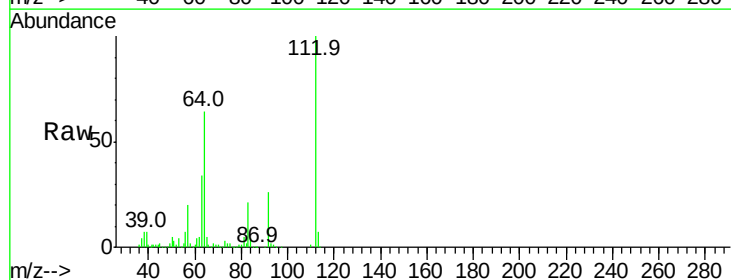
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



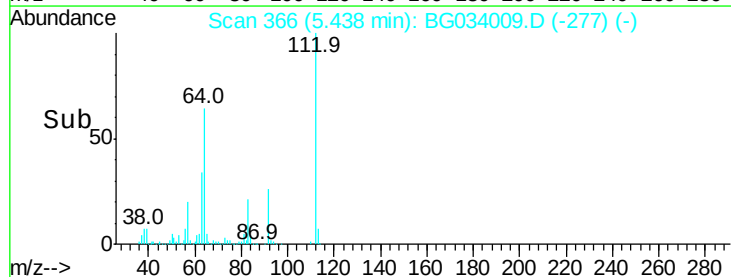
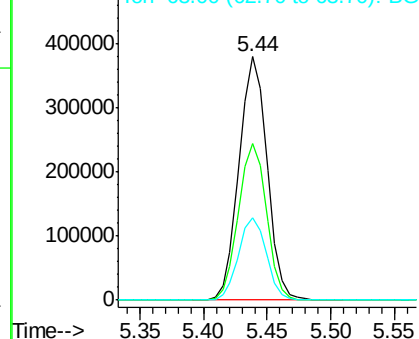
#5

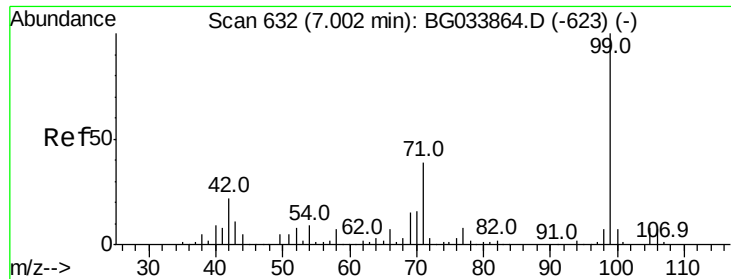
2-Fluorophenol
Concen: 151.866 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	56.3	84.5
63	33.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.974 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Instrument :

BNA_G

ClientSampled :

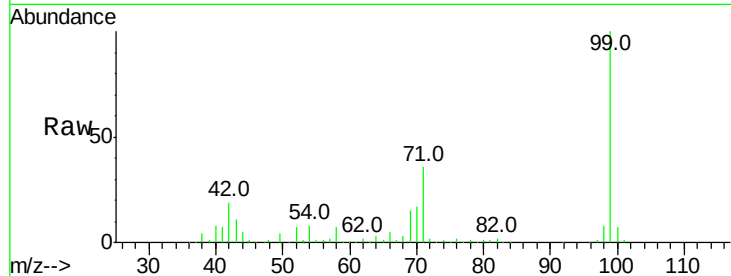
Tot Ion: 99 Resp: 729168

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

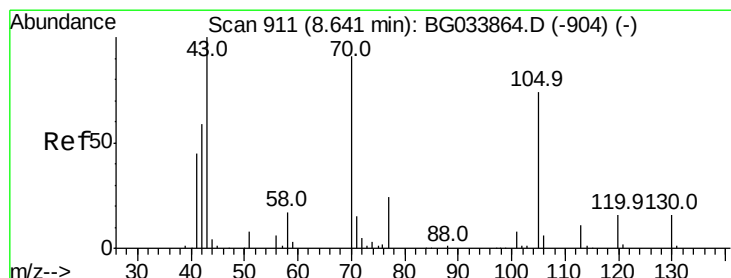
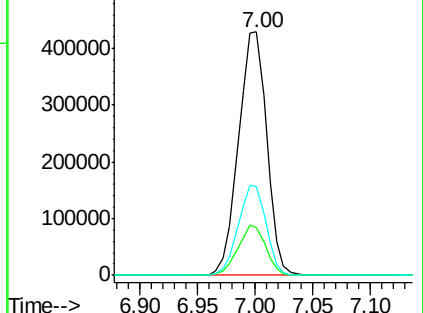
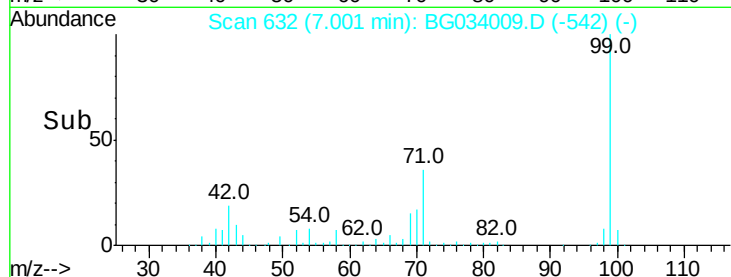
71 36.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 15.464 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Tgt Ion: 70 Resp: 73385

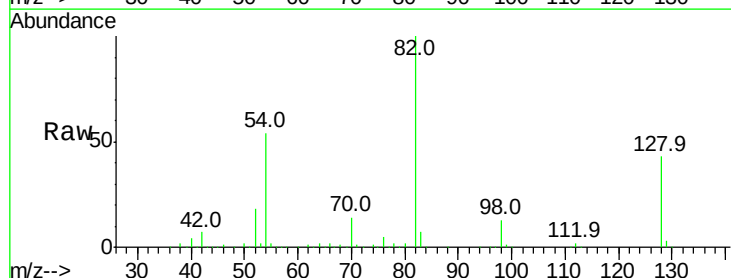
Ion Ratio Lower Upper

70 100

42 49.9 49.1 73.7

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

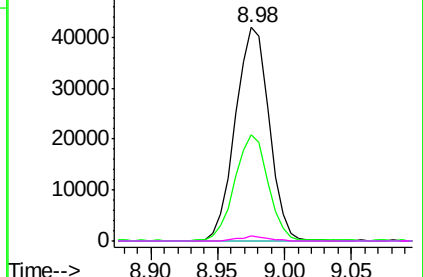
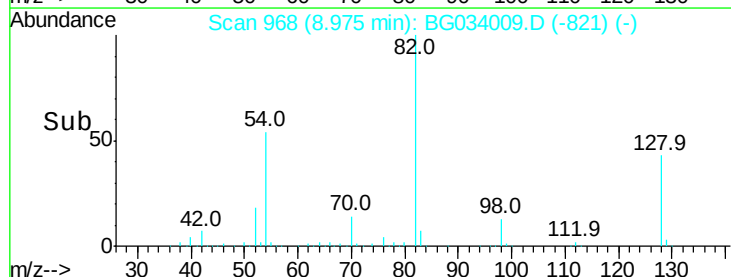


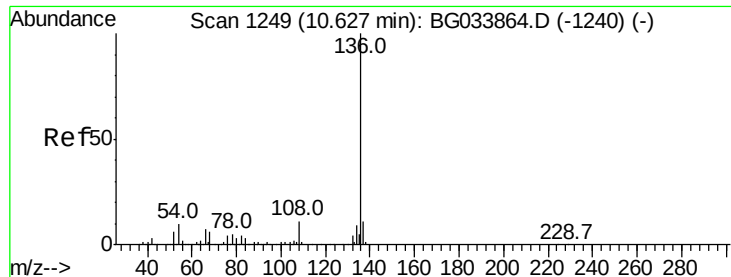
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

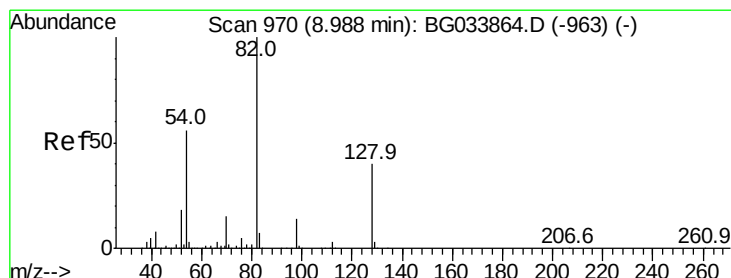
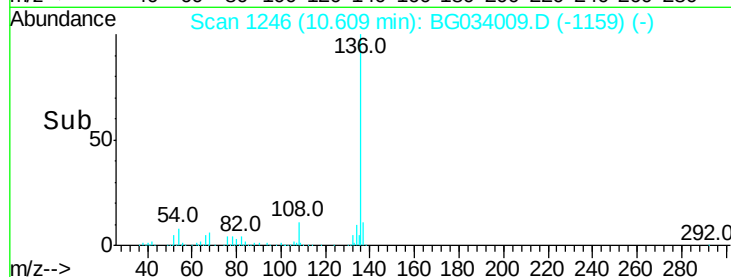
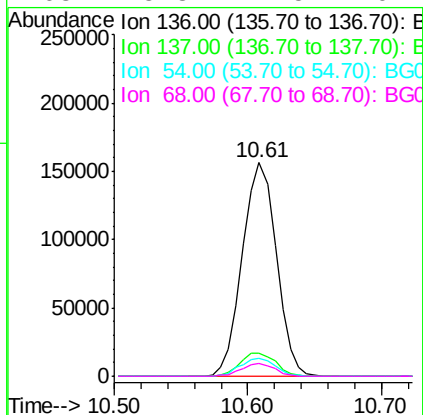
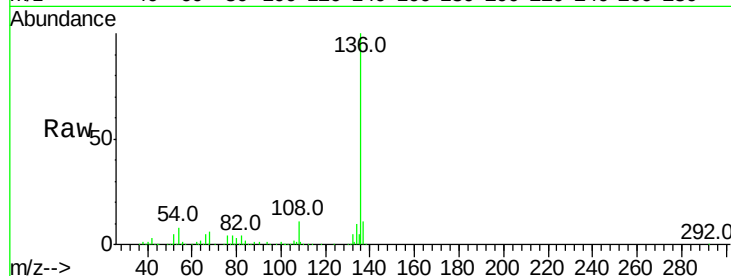




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

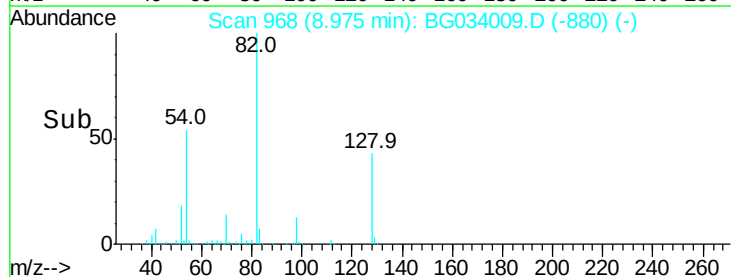
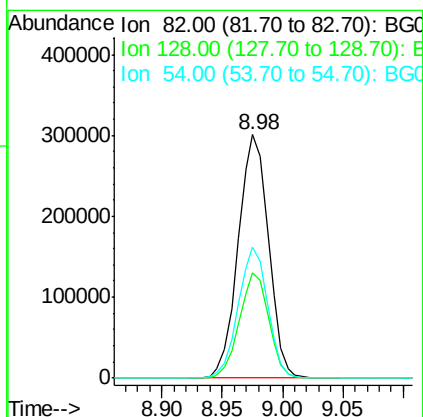
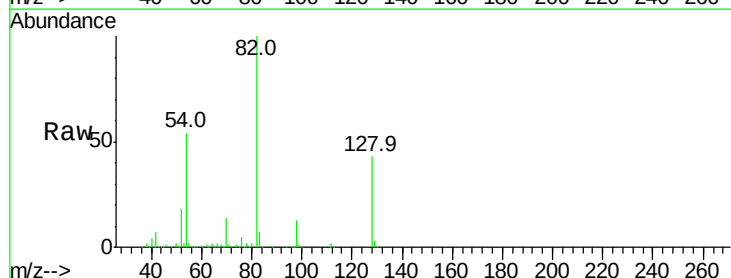
Instrument :
BNA_G
ClientSampleId :

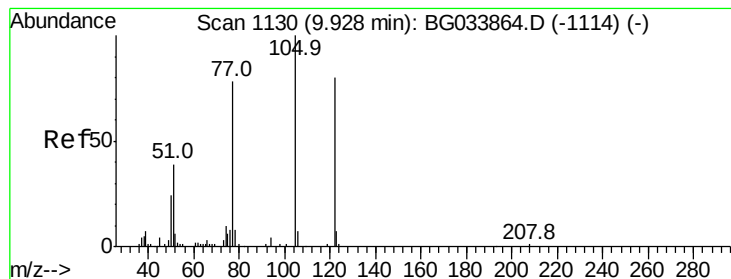
Tot Ion:	136	Resp:	276402
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.5	10.3	15.5
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 108.573 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG034009.D
Acq: 26 Apr 2018 6:01

Tgt Ion:	82	Resp:	527323
Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	53.9	43.1	64.7





#32

Benzoic acid

Concen: 5.097 ng

RT: 9.96 min Scan# 1135

Delta R.T. 0.03 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

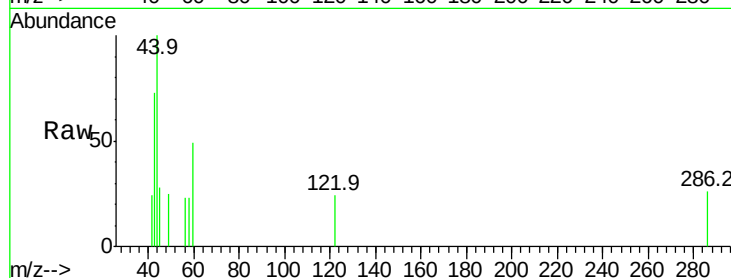
Tot Ion:122 Resp: 58

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

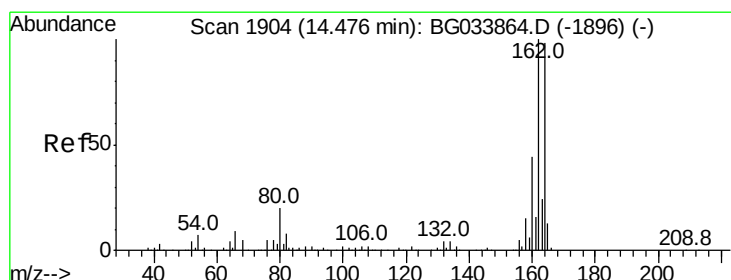
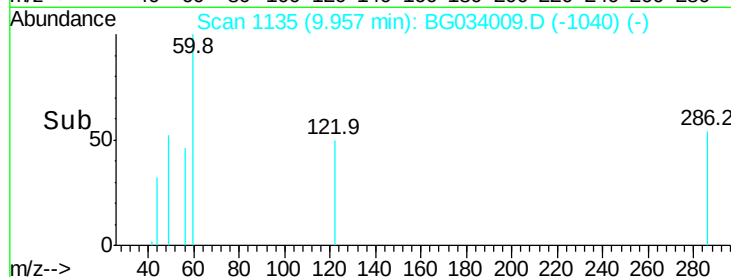
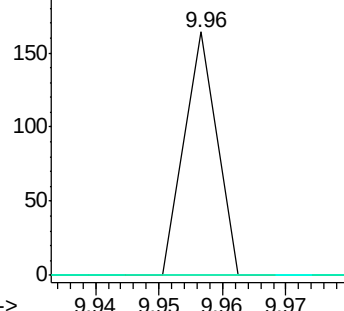
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

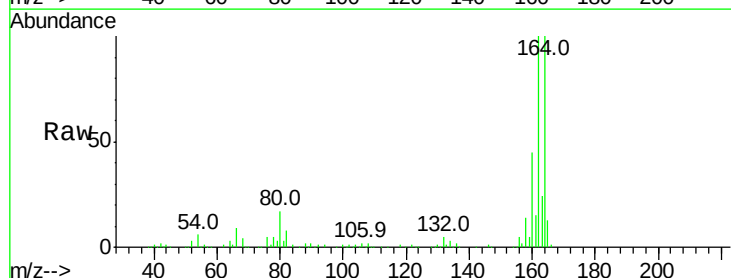
Tgt Ion:164 Resp: 193696

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

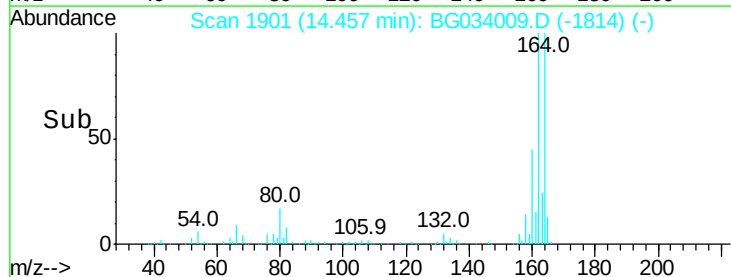
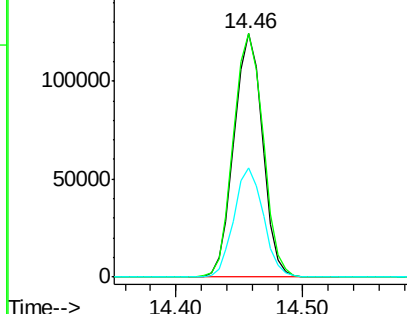
160 44.7 35.4 53.0

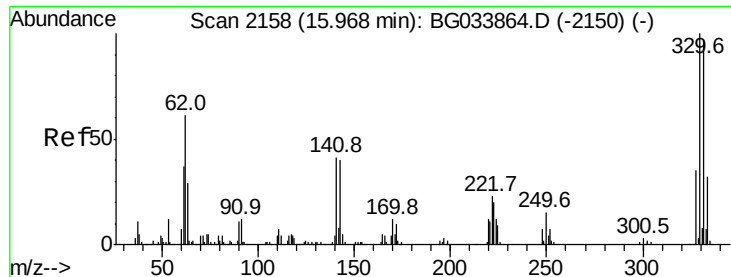


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

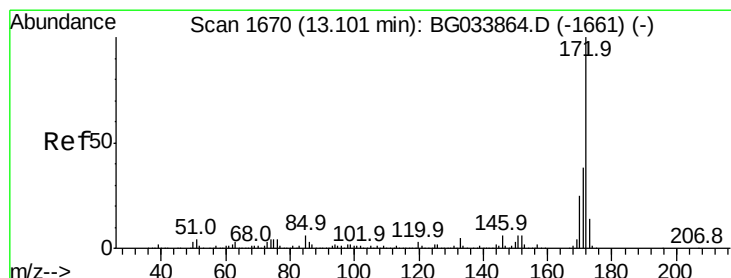
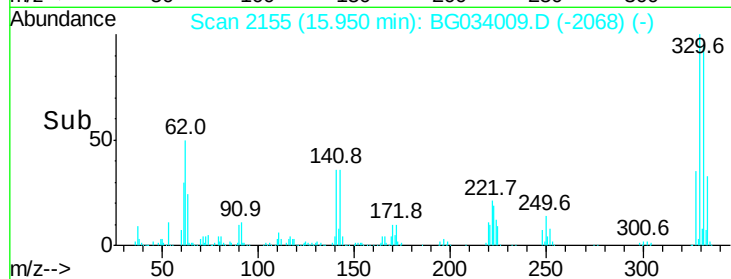
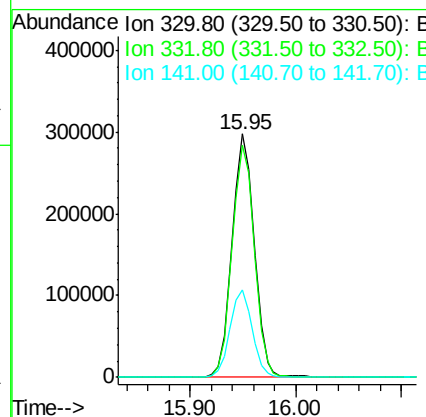
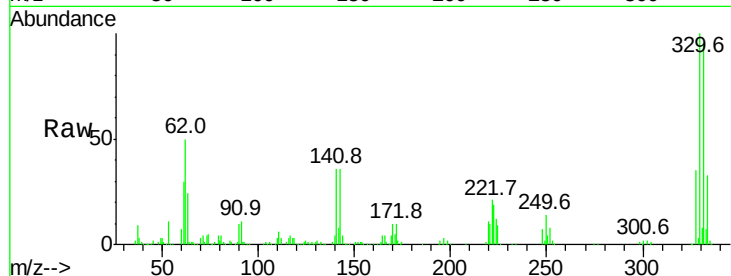




#41
 2,4,6-Tribromophenol
 Concen: 191.292 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

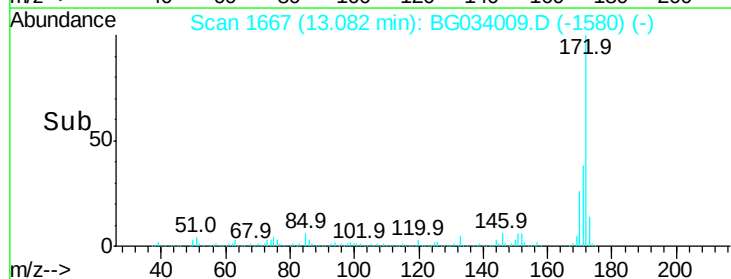
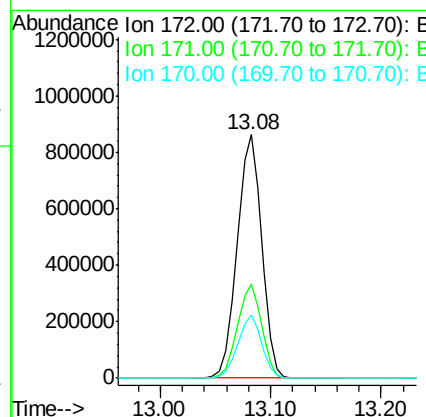
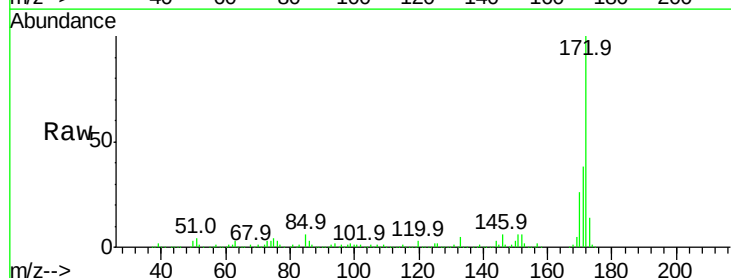
Instrument :
 BNA_G
 ClientSampleId :

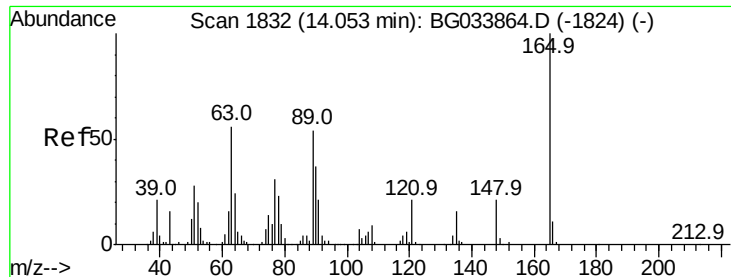
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	36.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 101.846 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.7	19.5	29.3

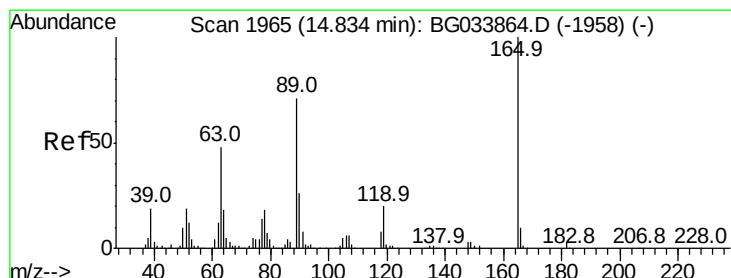
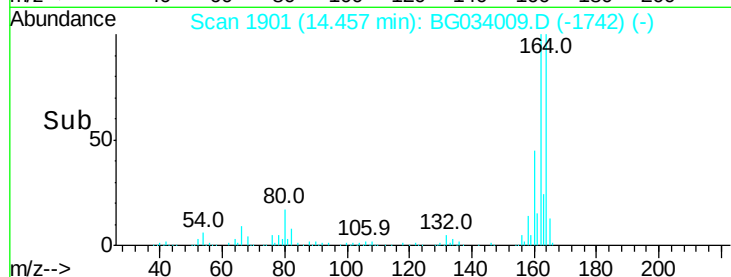
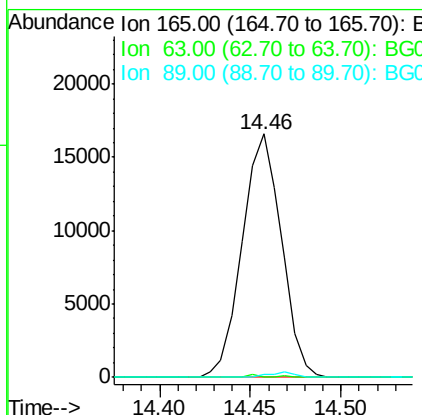
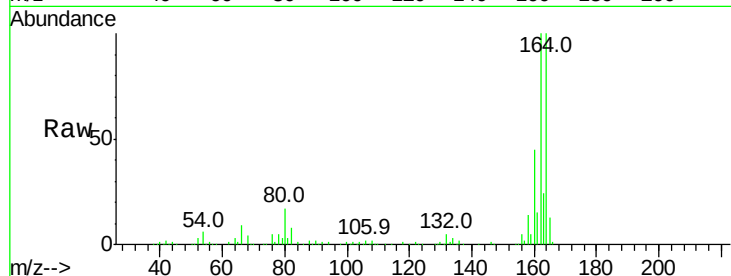




#50
 2,6-Dinitrotoluene
 Concen: 7.780 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.40 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

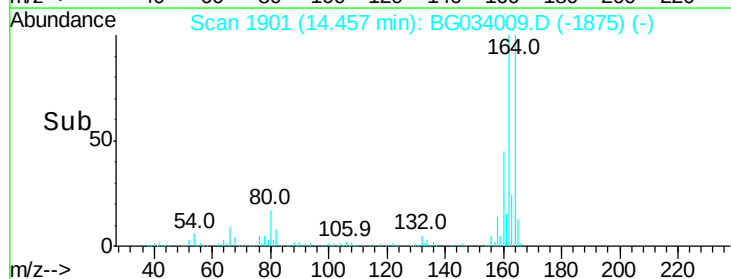
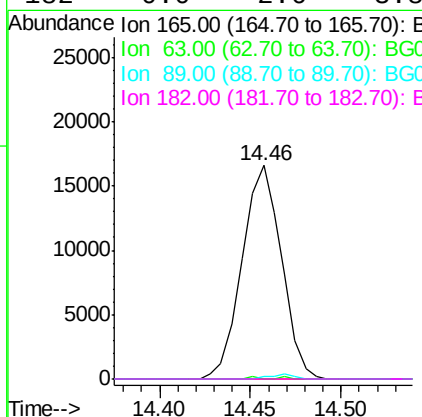
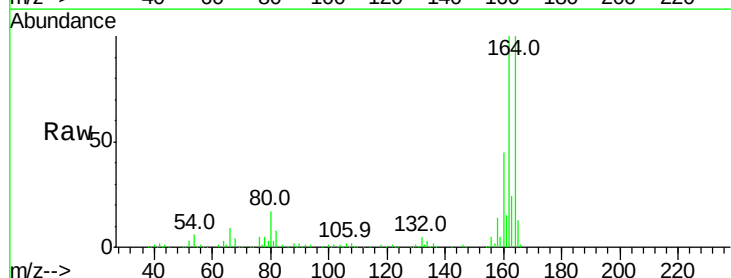
Instrument :
 BNA_G
 ClientSampleId :

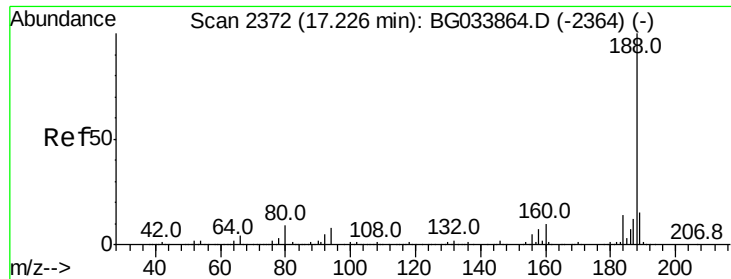
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.850 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.0	66.9	100.3#
182	0.0	2.6	3.8#

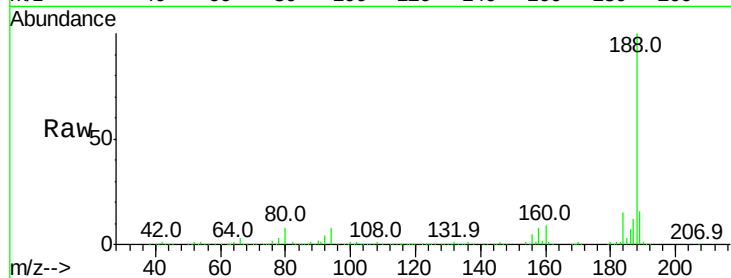




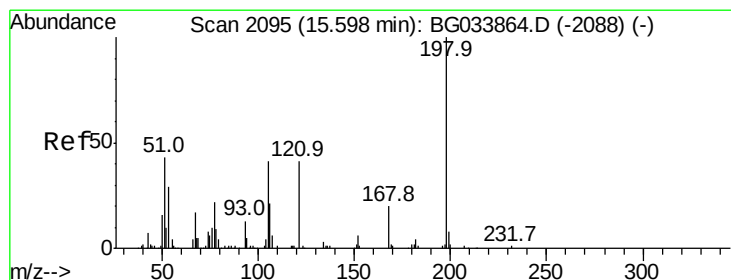
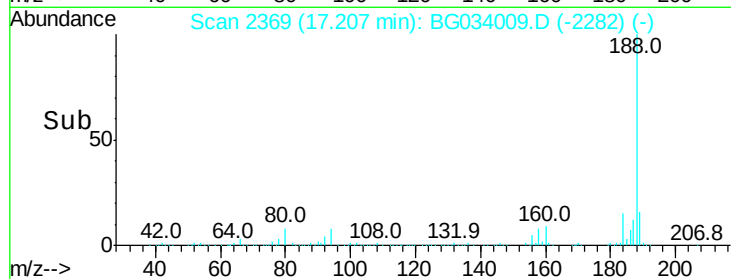
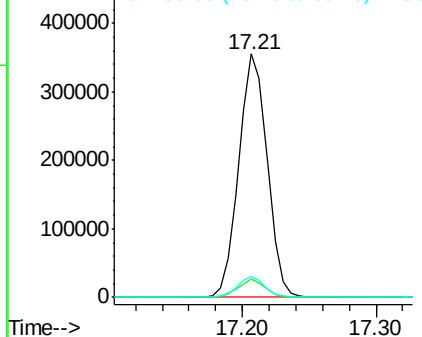
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 521655
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 8.4 7.7 11.5

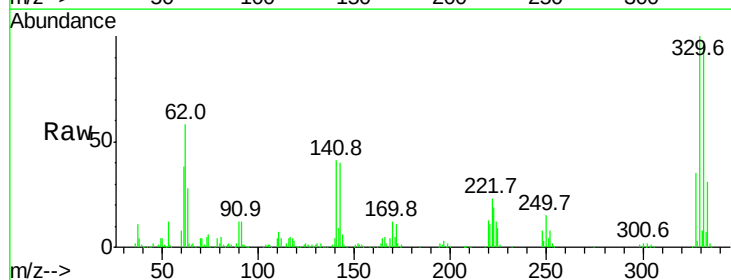


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

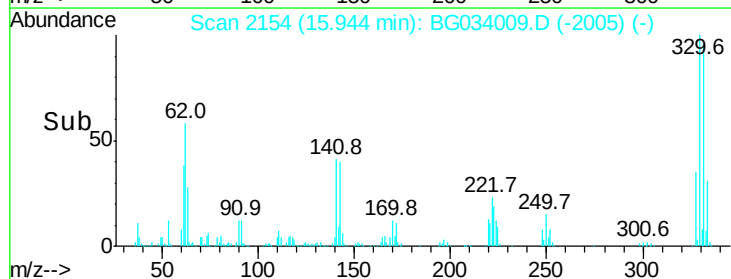
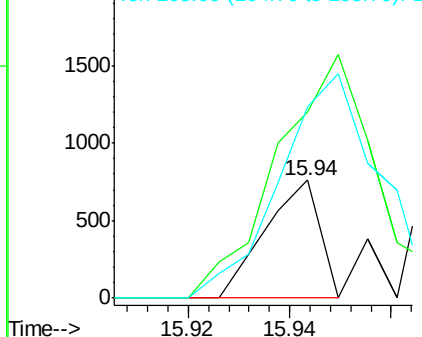


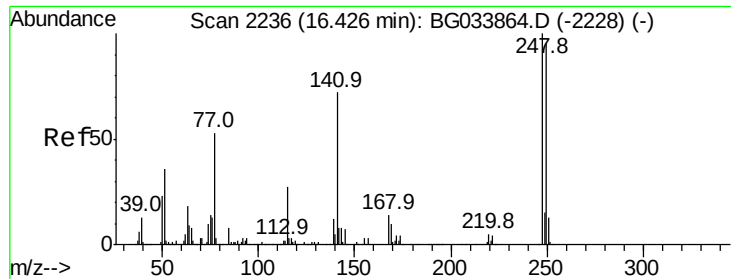
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.684 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. 0.35 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Tgt Ion:198 Resp: 567
 Ion Ratio Lower Upper
 198 100
 51 28.3 30.6 70.6#
 105 28.9 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

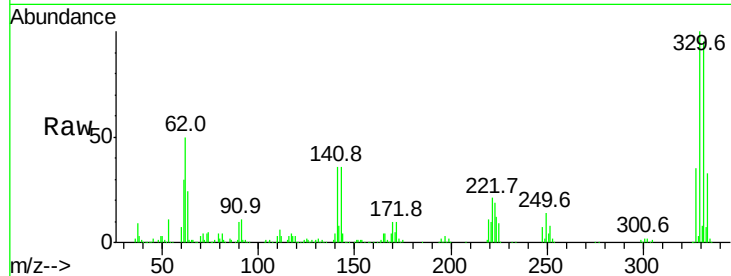




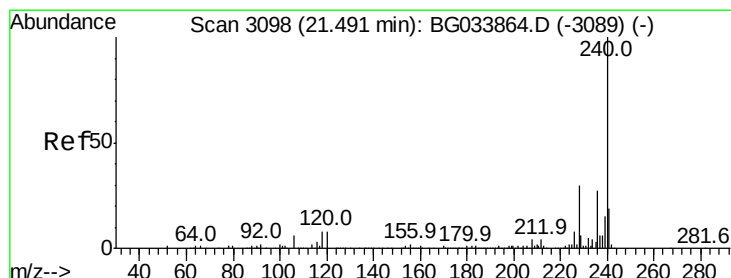
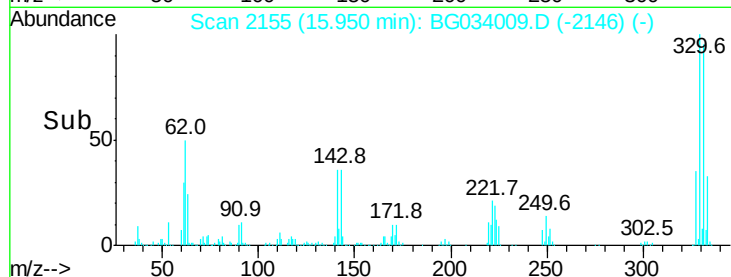
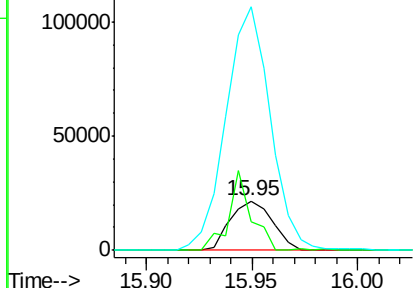
#66
 4-Bromophenyl-phenylether
 Concen: 5.234 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.48 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 29987
 Ion Ratio Lower Upper
 248 100
 250 44.6 77.1 115.7#
 141 381.0 50.8 76.2#

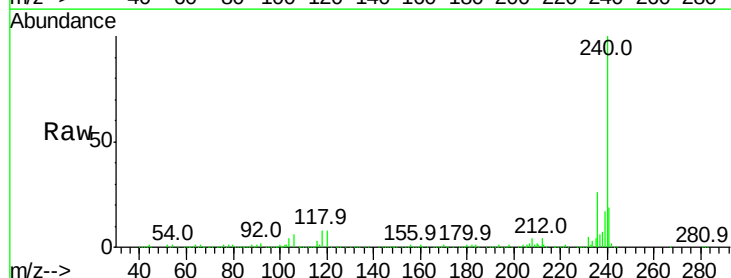


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

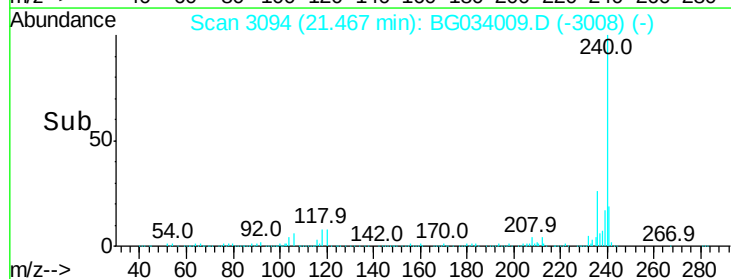
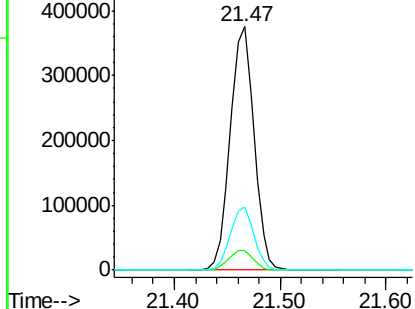


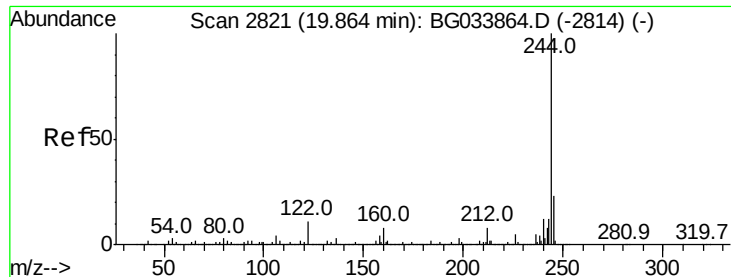
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG034009.D
 Acq: 26 Apr 2018 6:01

Tgt Ion:240 Resp: 583278
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.8 10.2
 236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.138 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

Instrument :

BNA_G

ClientSampleId :

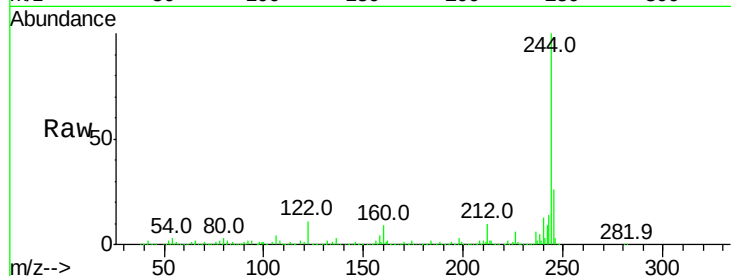
Tot Ion:244 Resp: 2521942

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

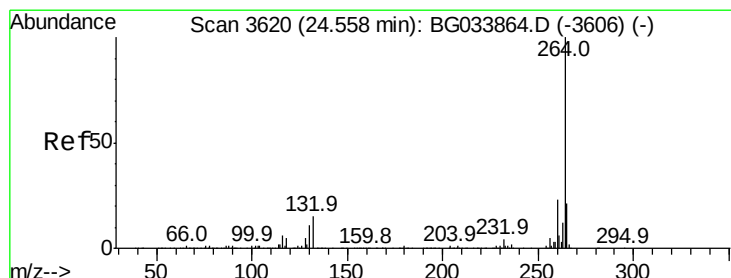
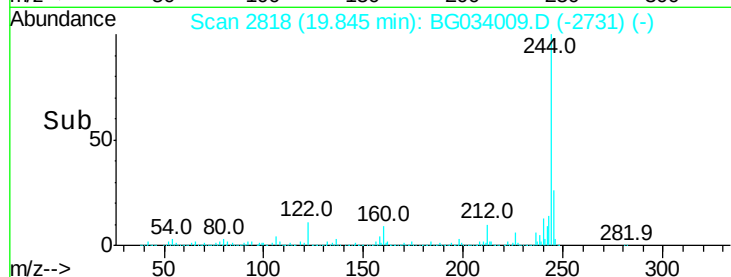
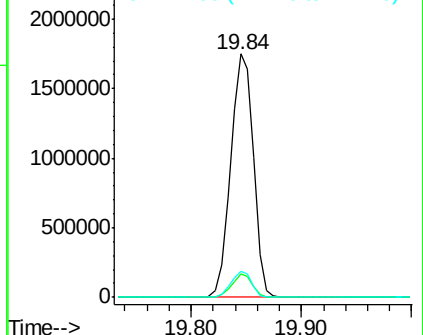
122 10.8 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG034009.D

Acq: 26 Apr 2018 6:01

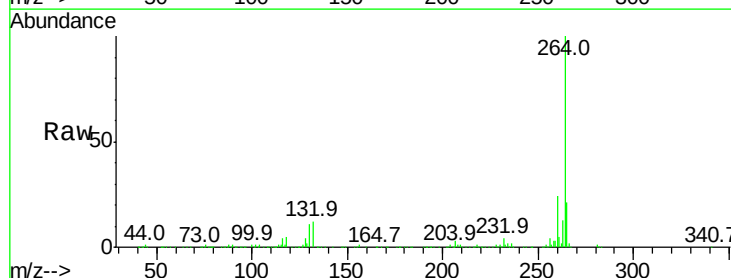
Tgt Ion:264 Resp: 576306

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

