

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033928.D
 Acq On : 23 Apr 2018 19:44
 Operator : SJ/JU
 Sample : PB108460BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 03:21:38 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

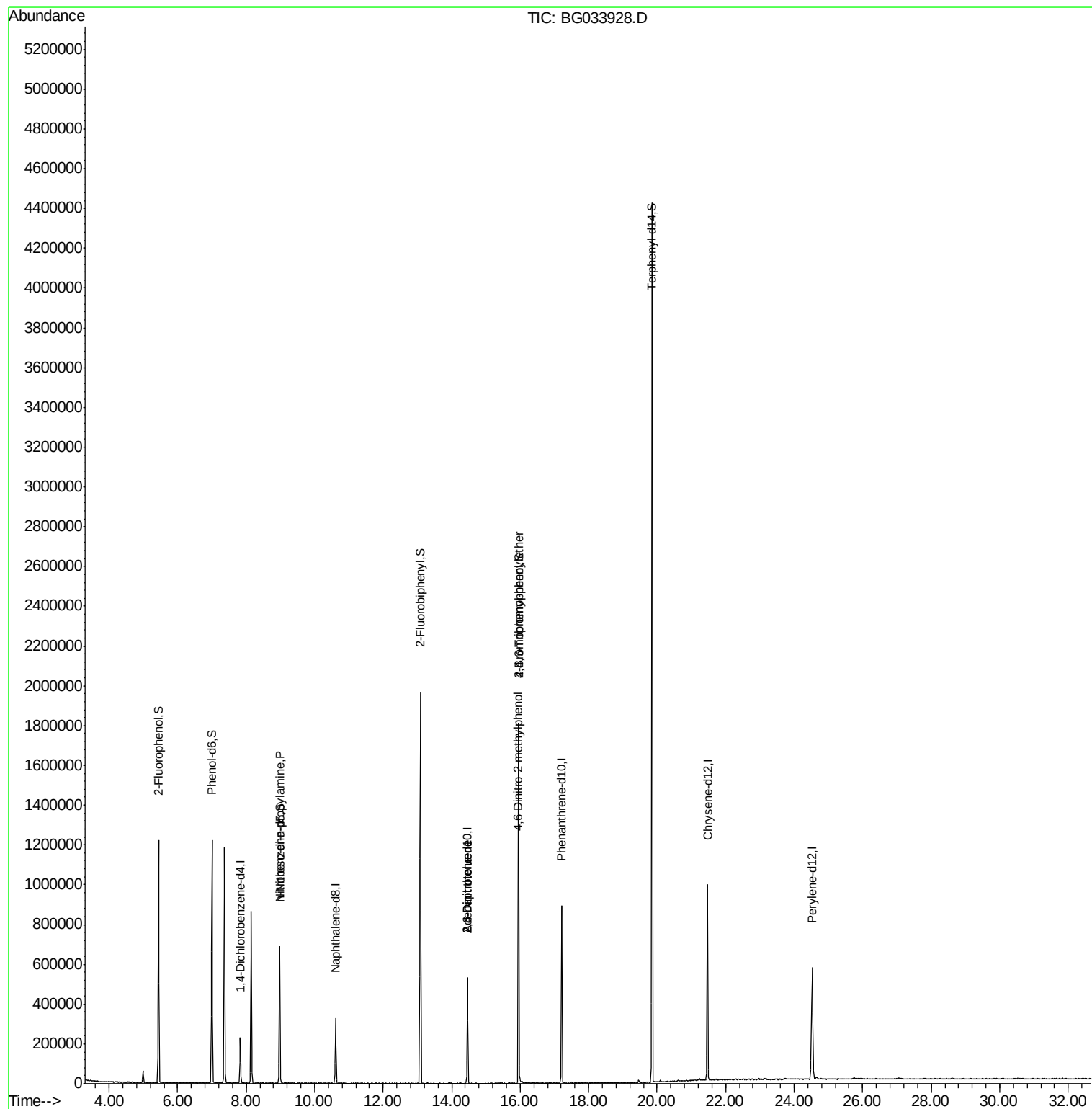
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	65322	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	275194	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	183850	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	536394	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	578152	20.00	ng	-0.02
86) Perylene-d12	24.52	264	585415	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	507297	123.99	ng	0.00
7) Phenol-d6	7.00	99	674493	113.02	ng	0.00
23) Nitrobenzene-d5	8.98	82	408084	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	319378	148.90	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1028889	82.21	ng	-0.02
78) Terphenyl-d14	19.85	244	2016462	78.36	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.95	77	65	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propylamine	8.98	70	54029	10.621 ng	#	81
50) 2,6-Dinitrotoluene	14.46	165	24390	7.958 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	24390	5.985 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.93	198	500	6.657 ng		93
66) 4-Bromophenyl-phenylether	15.95	248	14099	2.393 ng	#	1

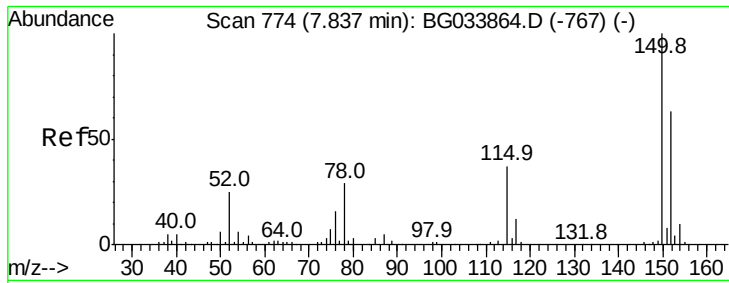
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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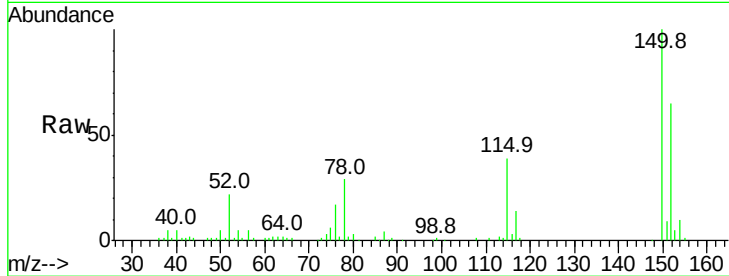


#1

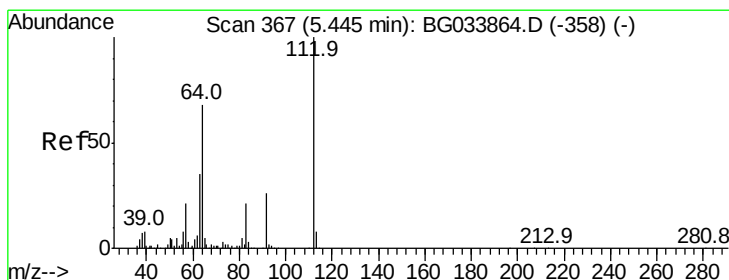
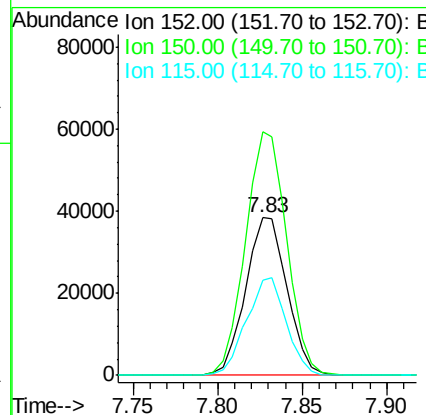
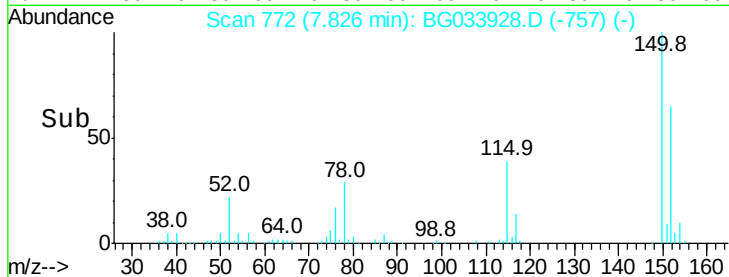
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033928.D
 Acq: 23 Apr 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 65322
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.6 189.8
 115 60.8 53.0 79.4



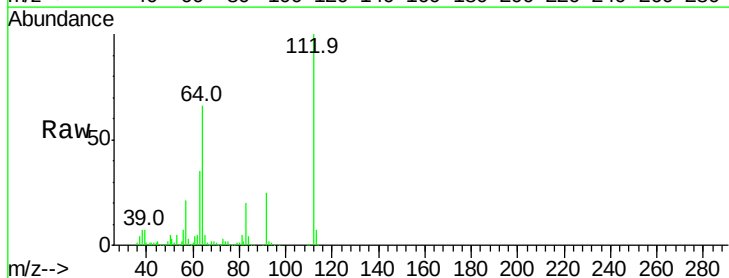
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



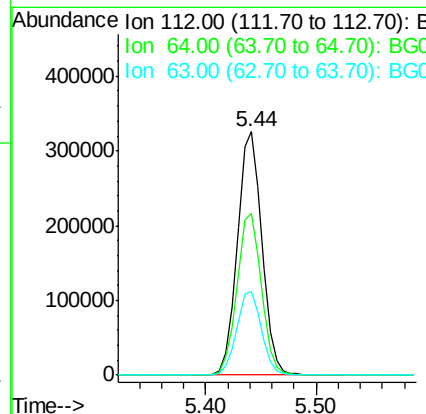
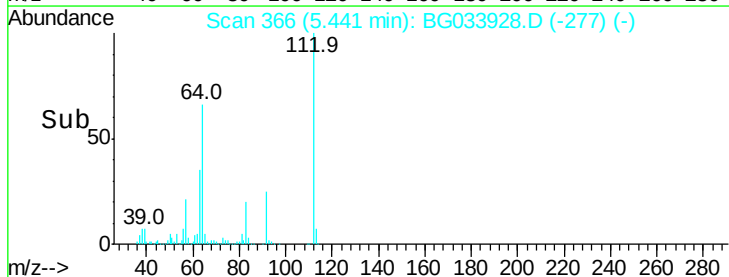
#5

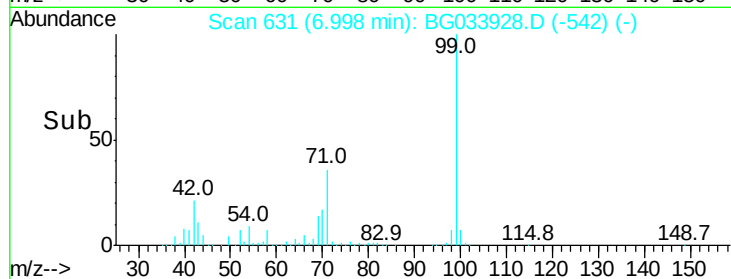
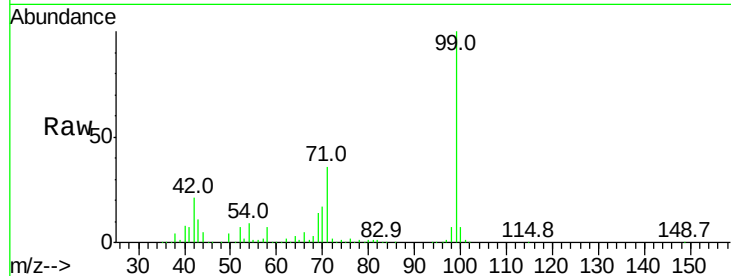
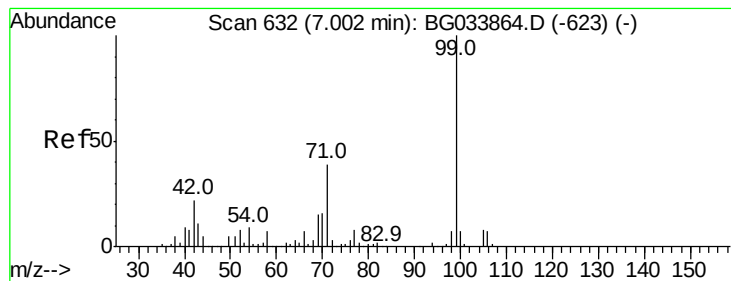
2-Fluorophenol
 Concen: 123.988 ng
 RT: 5.44 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BG033928.D
 Acq: 23 Apr 2018 19:44

Tgt Ion:112 Resp: 507297
 Ion Ratio Lower Upper
 112 100
 64 66.2 56.3 84.5
 63 34.5 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: 113.024 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033928.D

Acq: 23 Apr 2018 19:44

Instrument :

BNA_G

ClientSampleId :

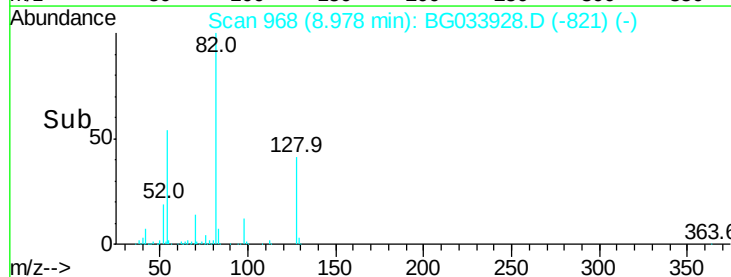
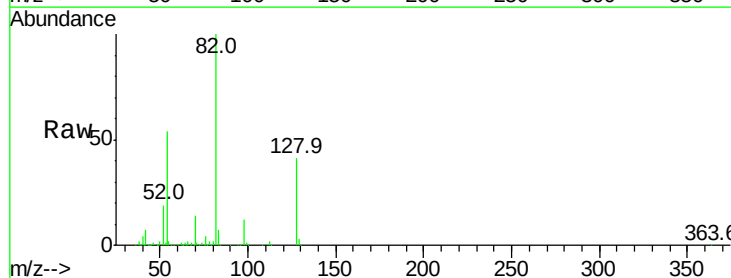
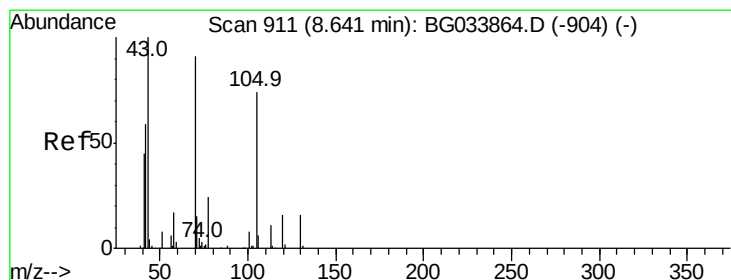
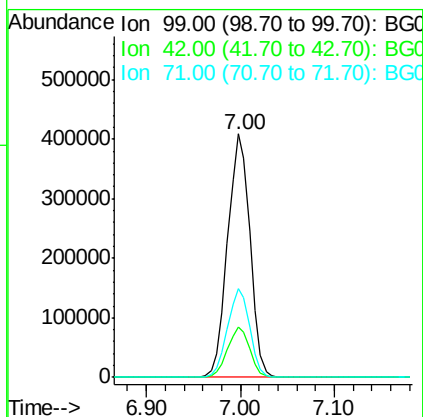
Tot Ion: 99 Resp: 674493

Ion Ratio Lower Upper

99 100

42 20.7 14.1 21.1

71 36.3 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 10.621 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033928.D

Acq: 23 Apr 2018 19:44

Tgt Ion: 70 Resp: 54029

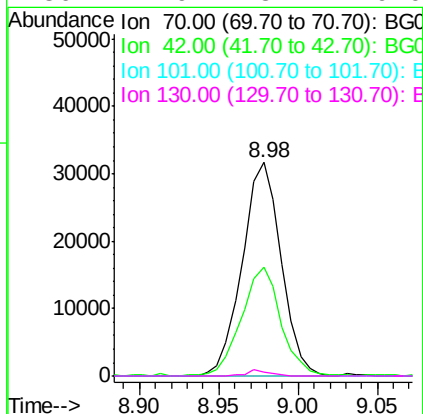
Ion Ratio Lower Upper

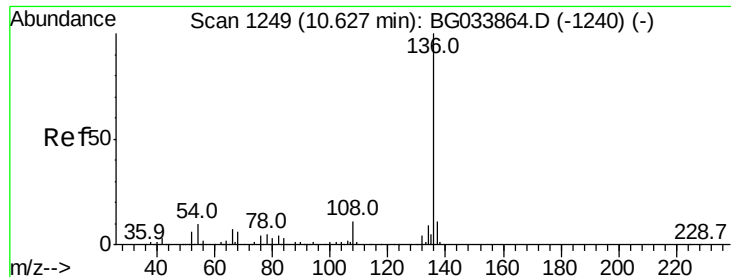
70 100

42 51.1 49.1 73.7

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033928.D

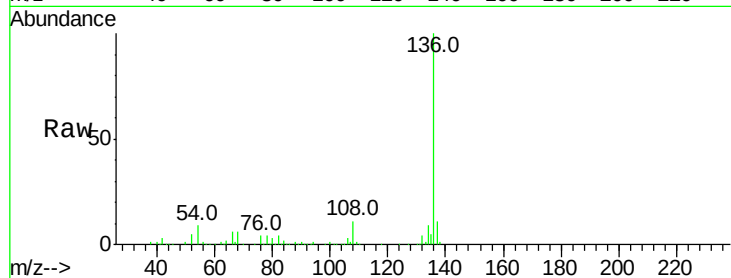
Acq: 23 Apr 2018 19:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:136	Resp:	275194
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.2	10.3 15.5#
68	5.9	4.5 6.7

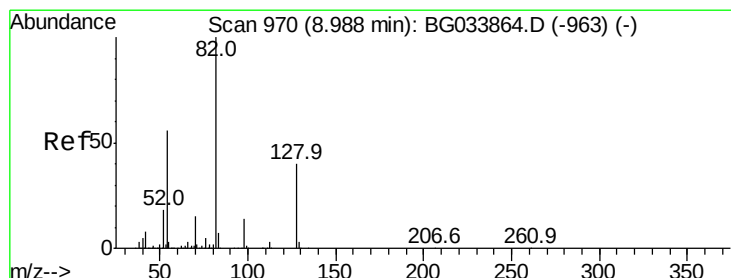
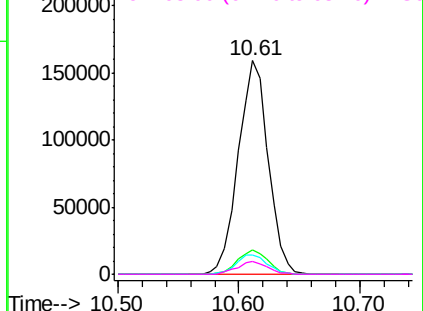
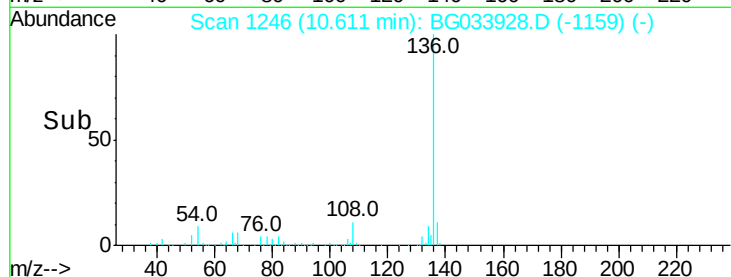


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 84.391 ng

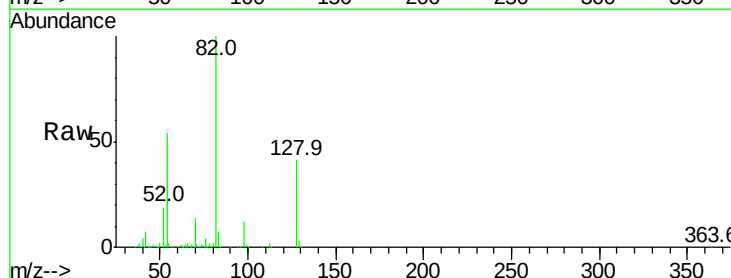
RT: 8.98 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG033928.D

Acq: 23 Apr 2018 19:44

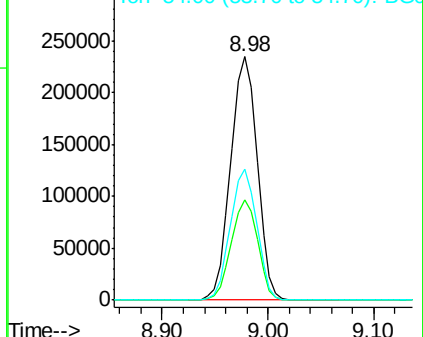
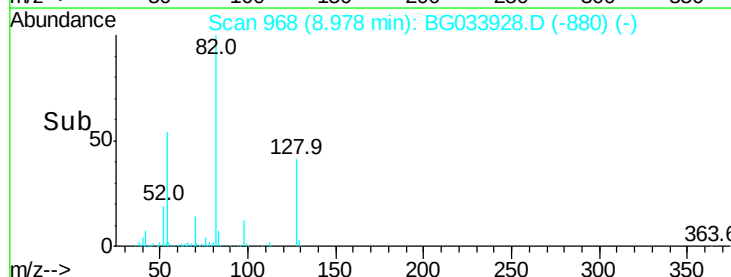
Tgt Ion: 82	Resp:	408084
Ion Ratio	Lower	Upper
82	100	
128	41.3	29.7 44.5
54	54.0	43.1 64.7

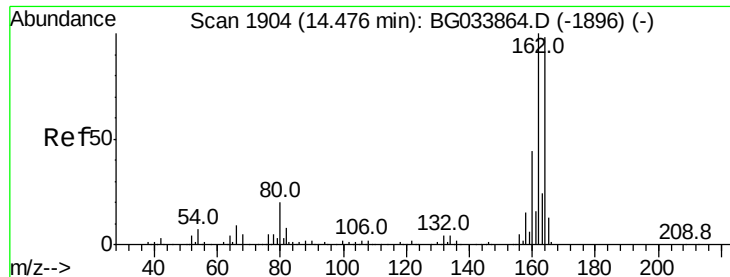


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033928.D

Acq: 23 Apr 2018 19:44

Instrument :

BNA_G

ClientSampleId :

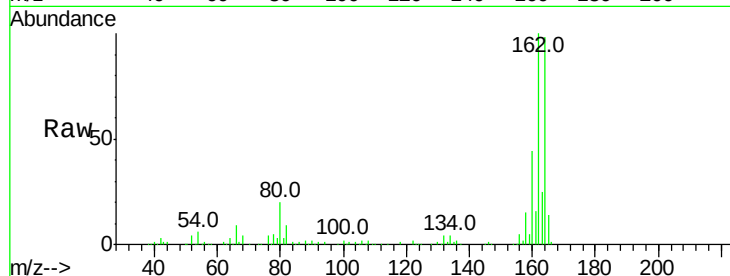
Tot Ion:164 Resp: 183850

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

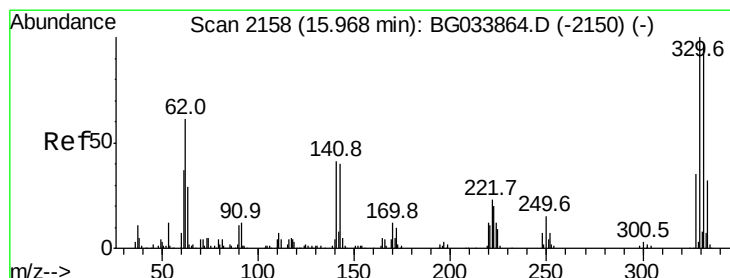
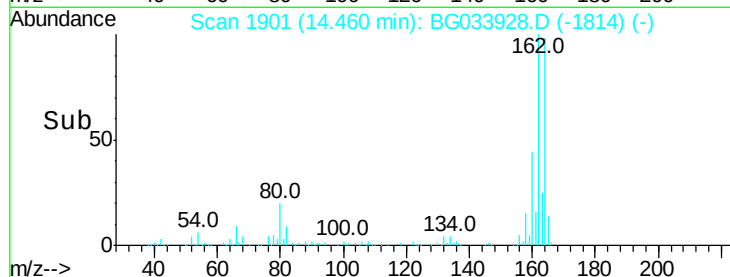
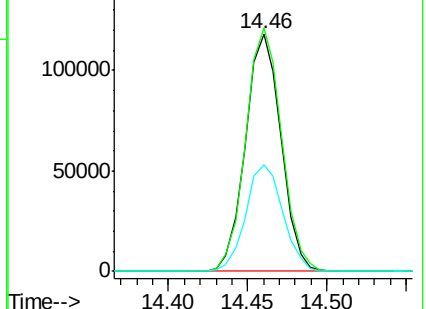
160 45.1 35.4 53.0



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: 148.901 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033928.D

Acq: 23 Apr 2018 19:44

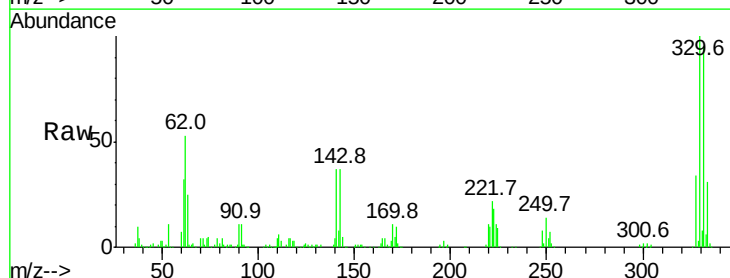
Tgt Ion:330 Resp: 319378

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

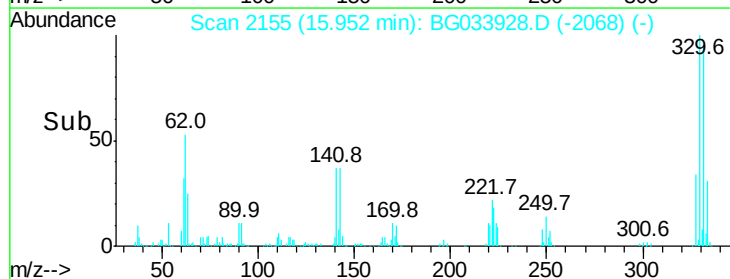
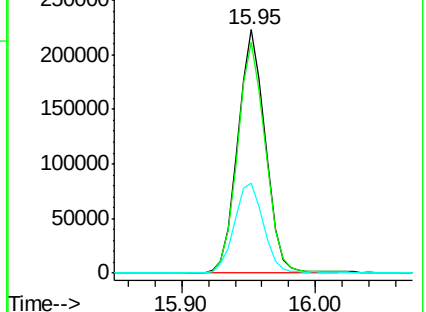
141 39.5 25.2 37.8#

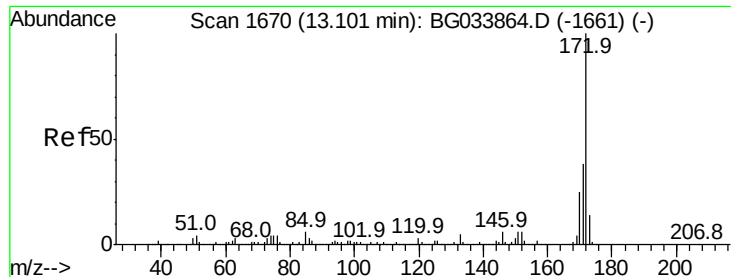


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

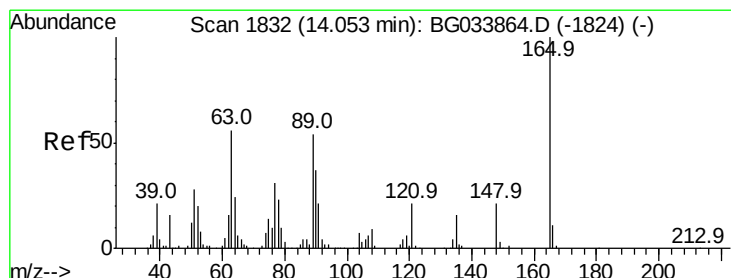
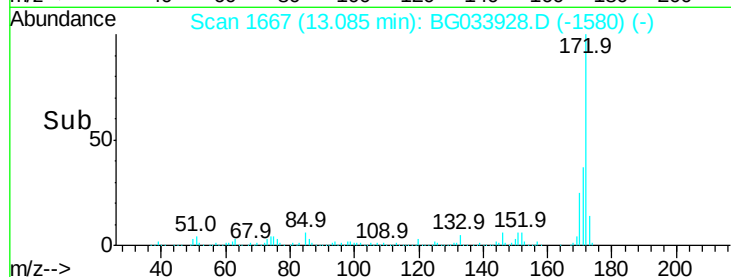
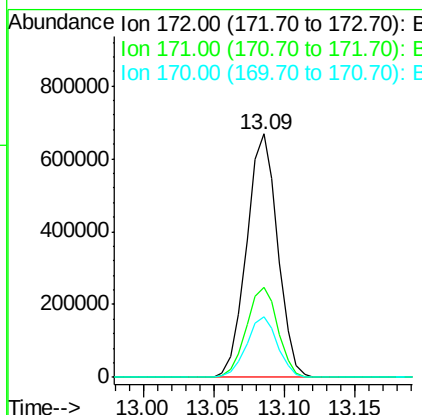
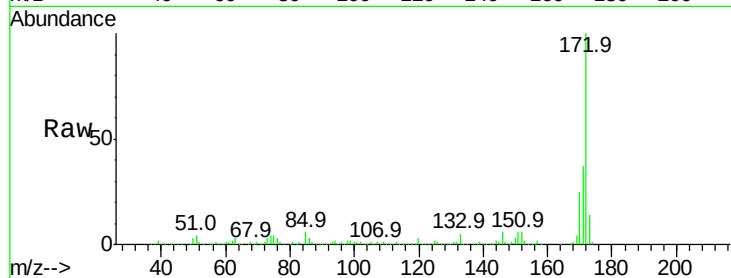




#44
2-Fluorobiphenyl
Concen: 82.212 ng
RT: 13.09 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033928.D
Acq: 23 Apr 2018 19:44

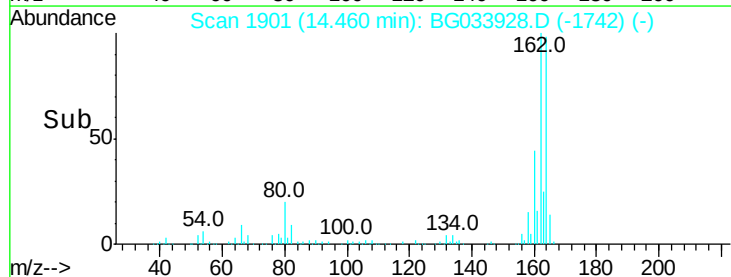
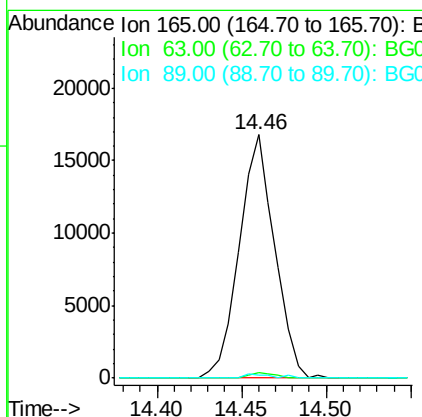
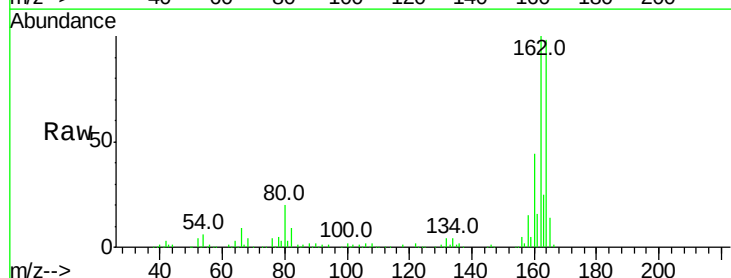
Instrument :
BNA_G
ClientSampleId :

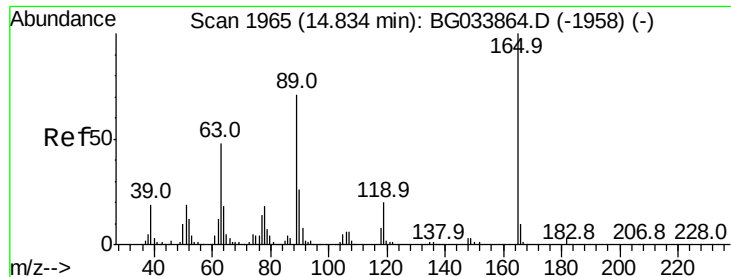
Tot Ion:172 Resp: 1028889
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 25.0 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.958 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.41 min
Lab File: BG033928.D
Acq: 23 Apr 2018 19:44

Tgt Ion:165 Resp: 24390
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 1.2 49.2 73.8#

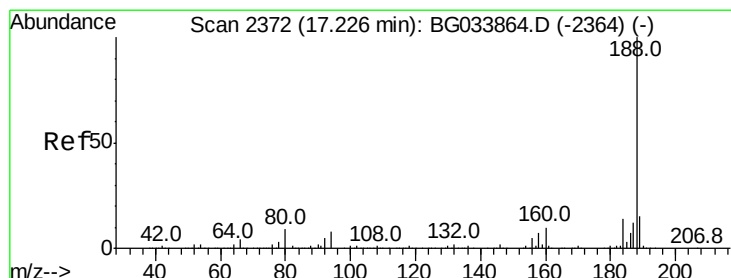
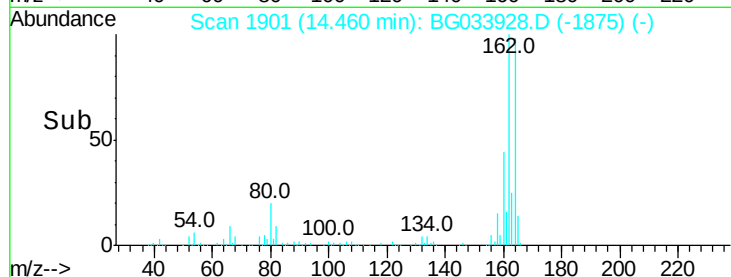
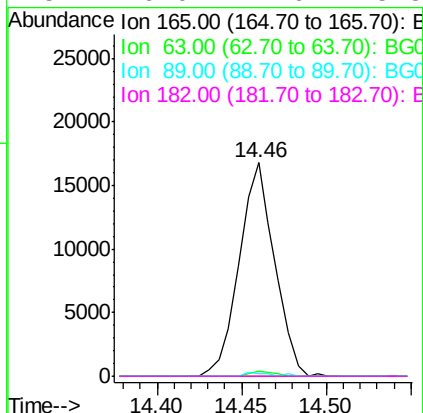
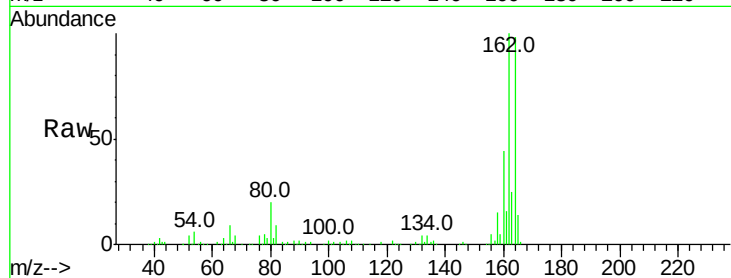




#56
 2,4-Dinitrotoluene
 Concen: 5.985 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.37 min
 Lab File: BG033928.D
 Acq: 23 Apr 2018 19:44

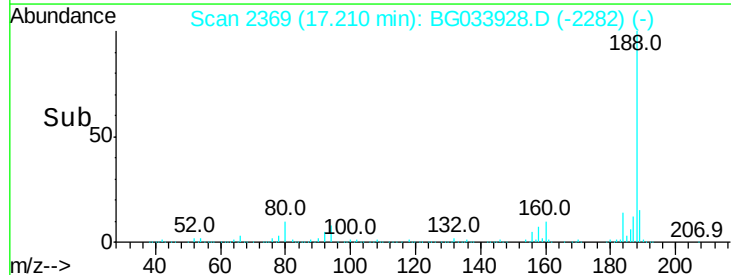
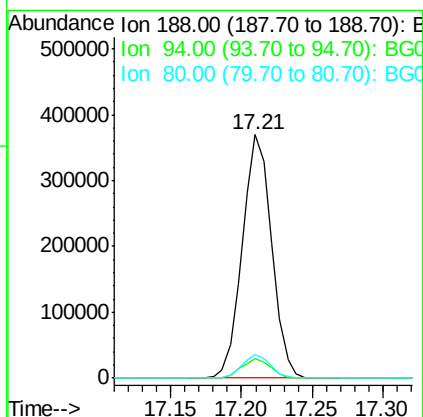
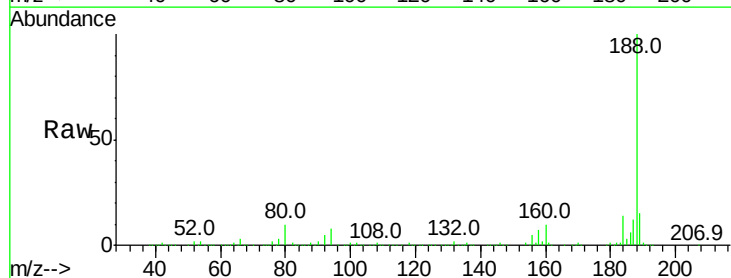
Instrument :
 BNA_G
 ClientSampled :

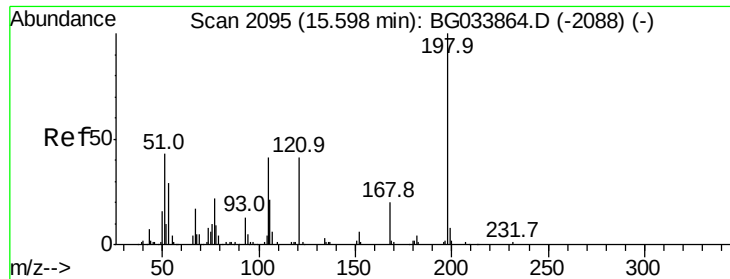
Tot Ion:165 Resp: 24390
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 1.2 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033928.D
 Acq: 23 Apr 2018 19:44

Tgt Ion:188 Resp: 536394
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 9.6 7.7 11.5

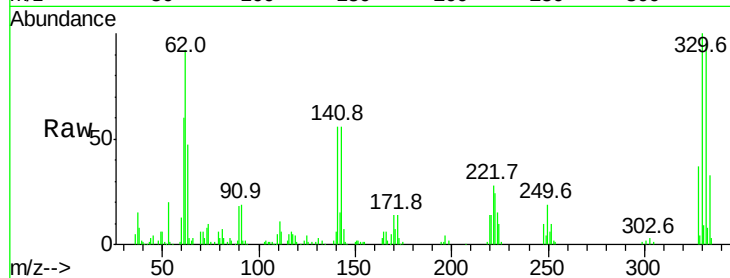




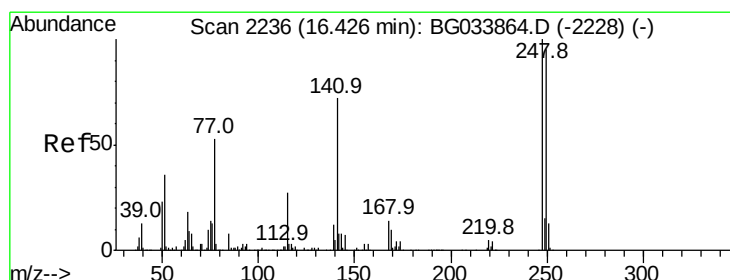
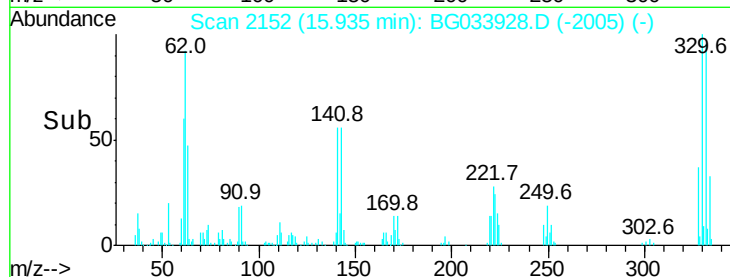
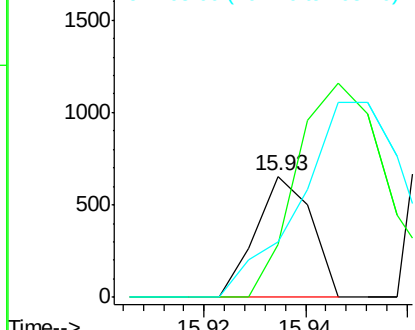
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.657 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.34 min
 Lab File: BG033928.D
 Acq: 23 Apr 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 500
 Ion Ratio Lower Upper
 198 100
 51 43.6 30.6 70.6
 105 45.6 23.8 63.8

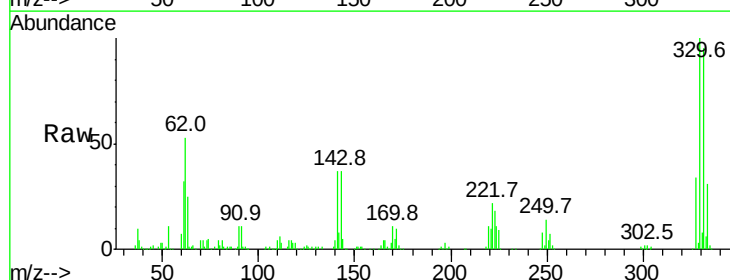


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

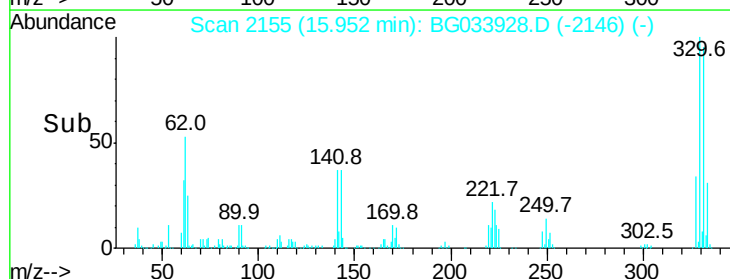
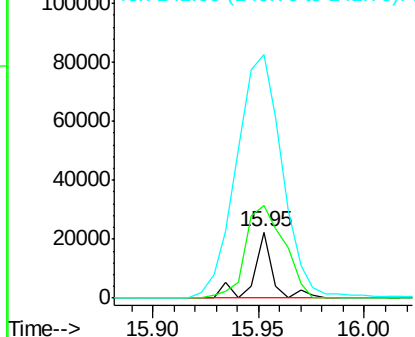


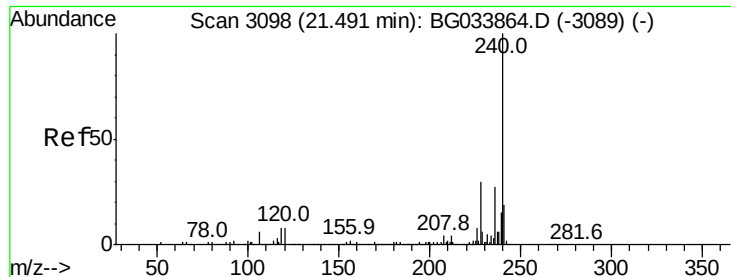
#66
 4-Bromophenyl-phenylether
 Concen: 2.393 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.47 min
 Lab File: BG033928.D
 Acq: 23 Apr 2018 19:44

Tgt Ion:248 Resp: 14099
 Ion Ratio Lower Upper
 248 100
 250 178.9 77.1 115.7#
 141 369.0 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: BG033928.D

Acq: 23 Apr 2018 19:44

Instrument :

BNA_G

ClientSampled :

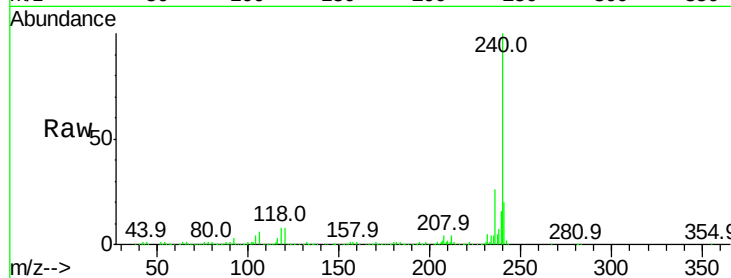
Tot Ion:240 Resp: 578152

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

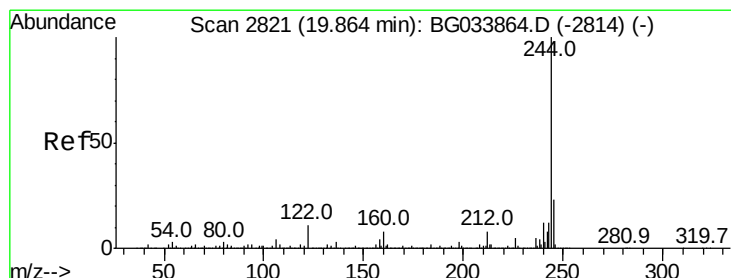
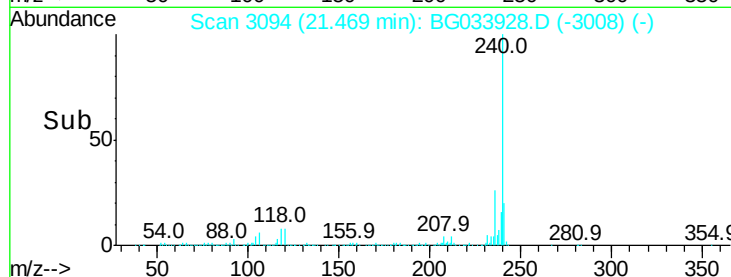
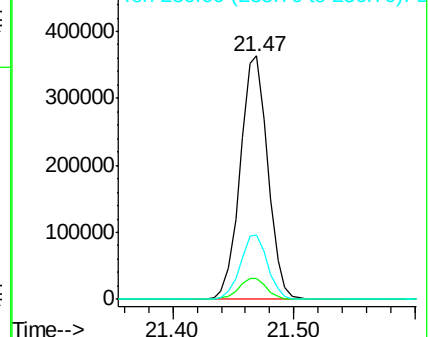
236 26.4 20.9 31.3



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: 78.357 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033928.D

Acq: 23 Apr 2018 19:44

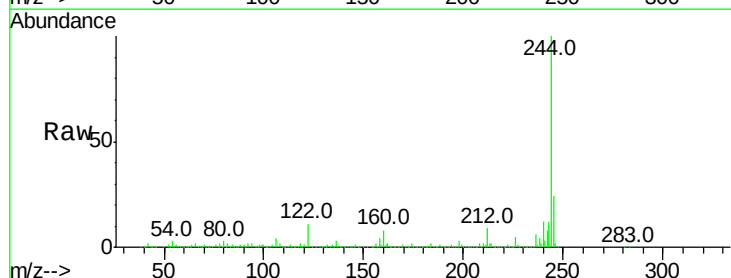
Tgt Ion:244 Resp: 2016462

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

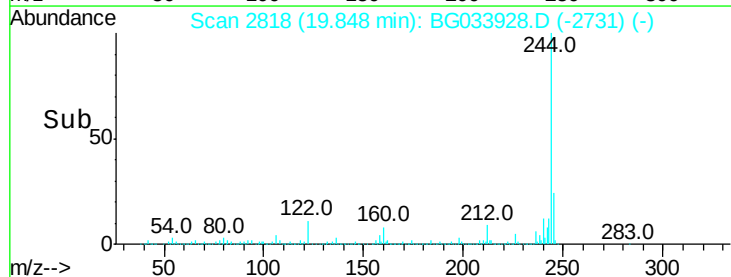
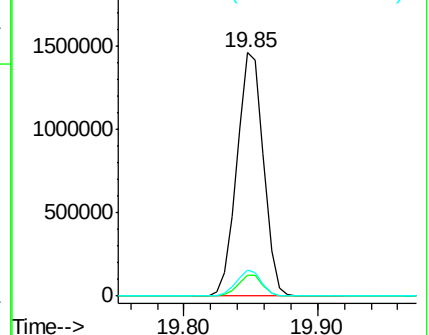
122 10.9 7.0 10.4#

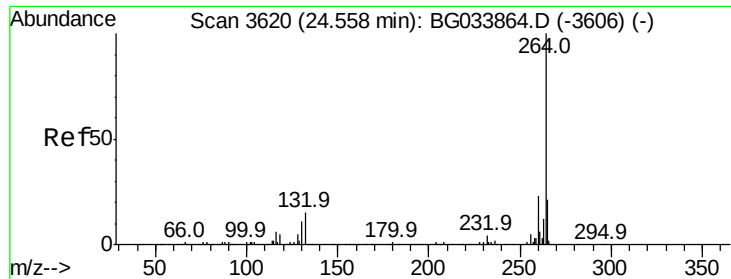


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

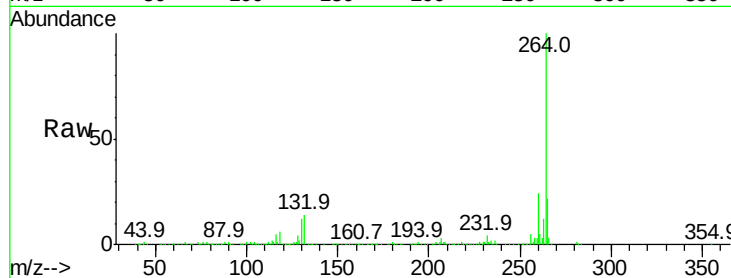




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033928.D
Acq: 23 Apr 2018 19:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.1	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

