

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033995.D
 Acq On : 25 Apr 2018 20:24
 Operator : SJ/JU
 Sample : PB108550BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:28:20 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

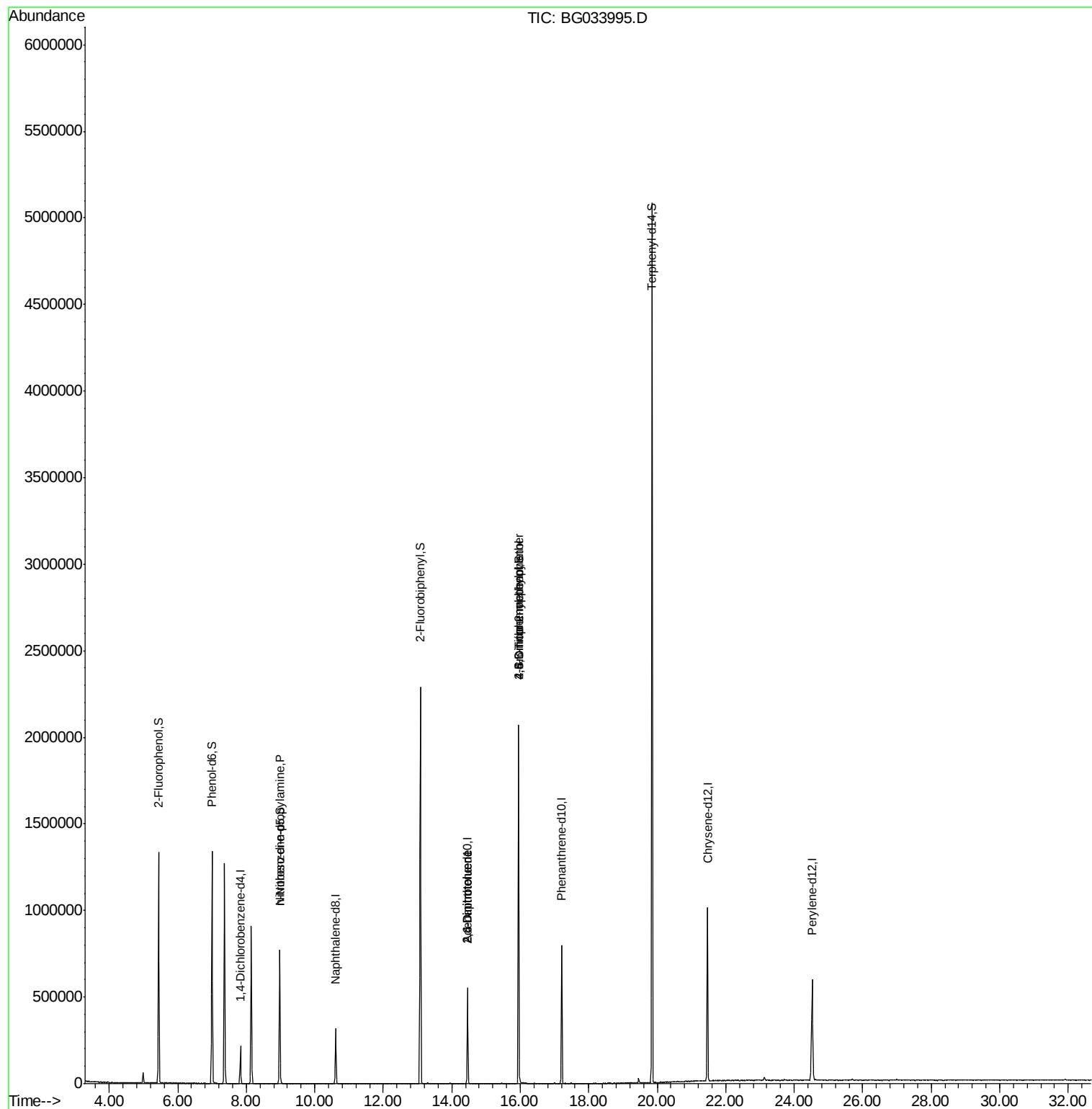
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	59344	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	271256	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	188755	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	512158	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	597950	20.00	ng	-0.02
86) Perylene-d12	24.52	264	577382	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	556360	149.68	ng	0.00
7) Phenol-d6	7.00	99	749642	138.27	ng	0.00
23) Nitrobenzene-d5	8.98	82	458729	96.24	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	383255	174.04	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1229727	95.71	ng	-0.02
78) Terphenyl-d14	19.84	244	2310659	86.82	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1346	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	8.98	70	63213	13.678 ng	#	5
50) 2,6-Dinitrotoluene	14.46	165	25175	8.001 ng	#	74
56) 2,4-Dinitrotoluene	14.46	165	25175	6.017 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.95	198	1520	7.022 ng	#	17
66) 4-Bromophenyl-phenylether	15.96	248	22377	3.978 ng	#	65
					#	1

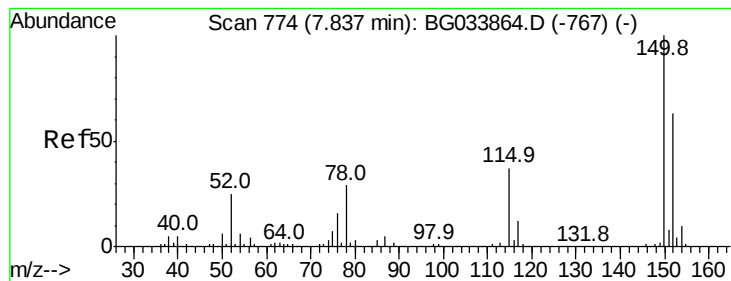
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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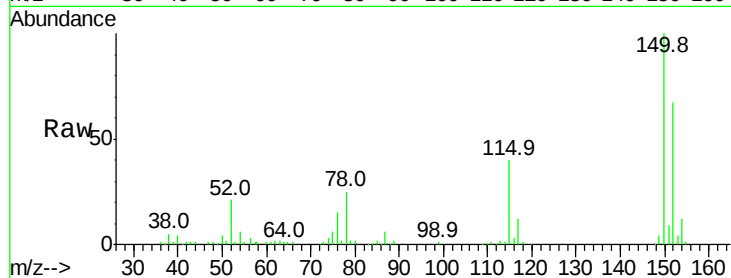


#1

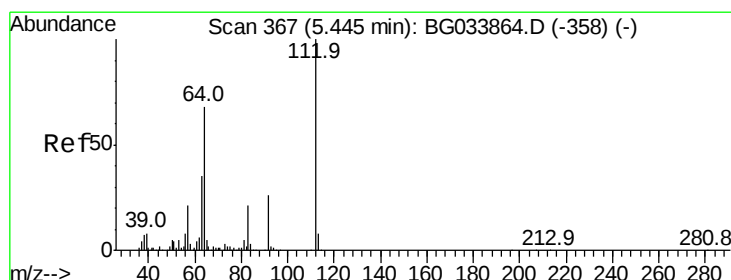
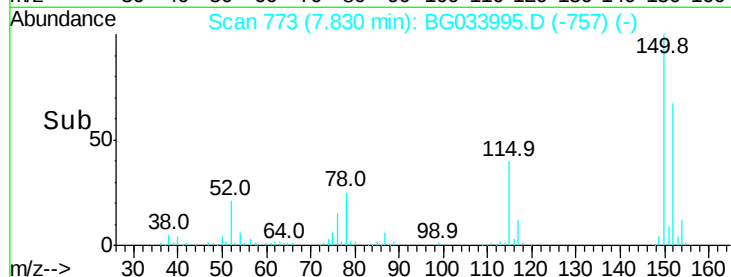
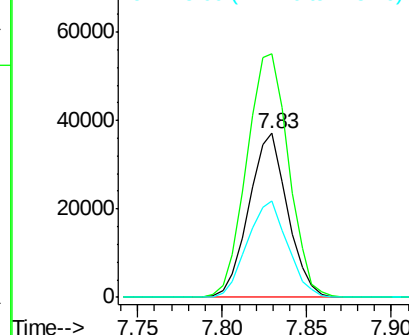
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59344
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 58.8 53.0 79.4



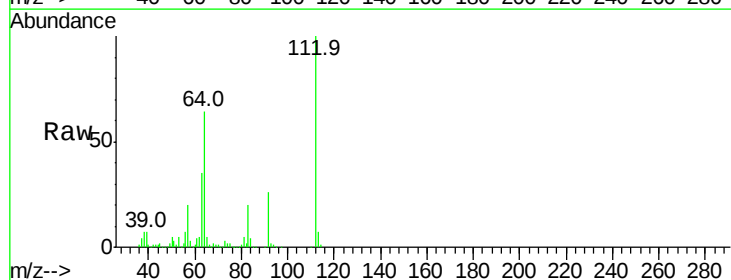
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



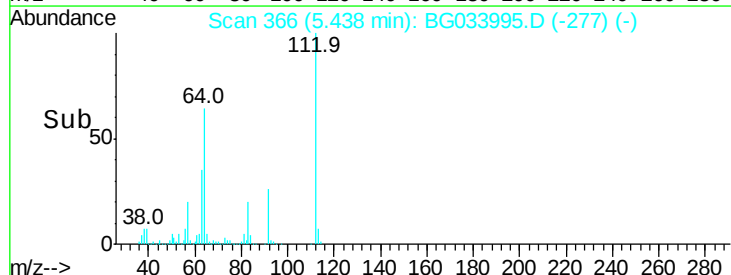
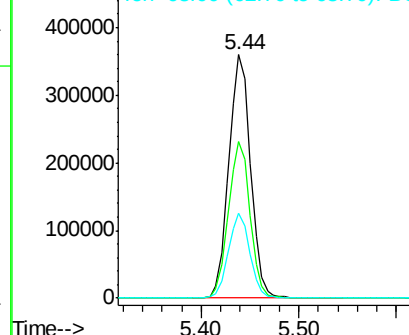
#5

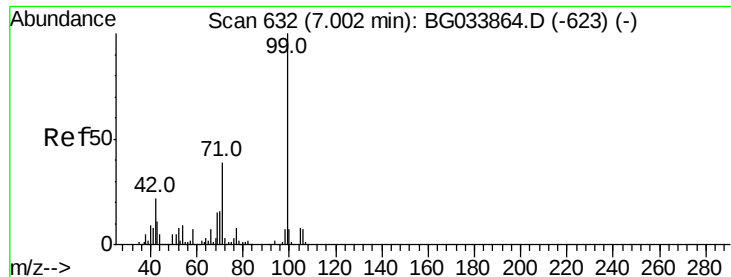
2-Fluorophenol
Concen: 149.678 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Tgt Ion:112 Resp: 556360
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 35.0 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: 138.271 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

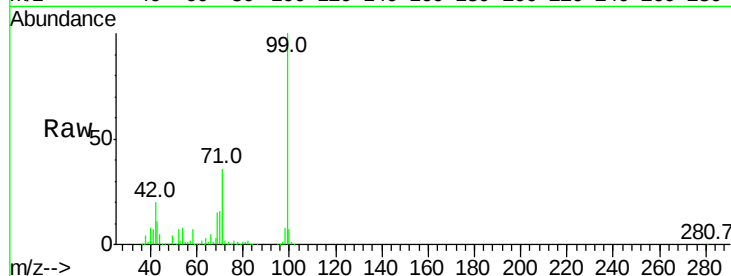
Tot Ion: 99 Resp: 749642

Ion Ratio Lower Upper

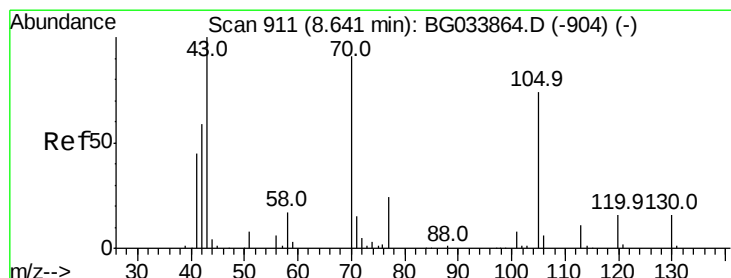
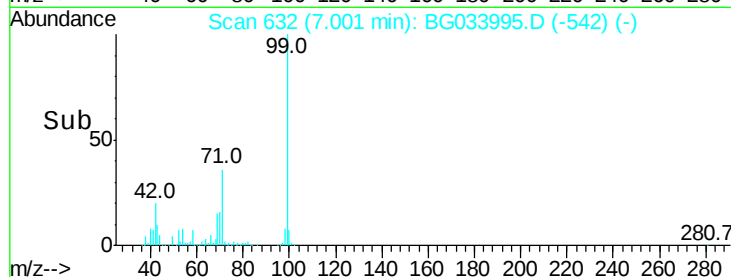
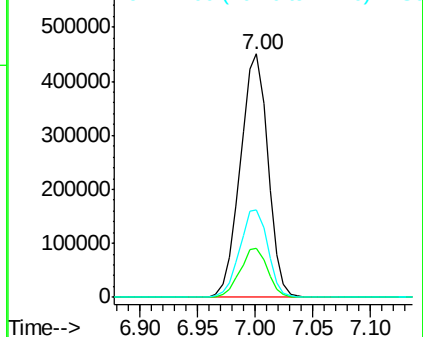
99 100

42 20.1 14.1 21.1

71 36.0 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: 13.678 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

Tgt Ion: 70 Resp: 63213

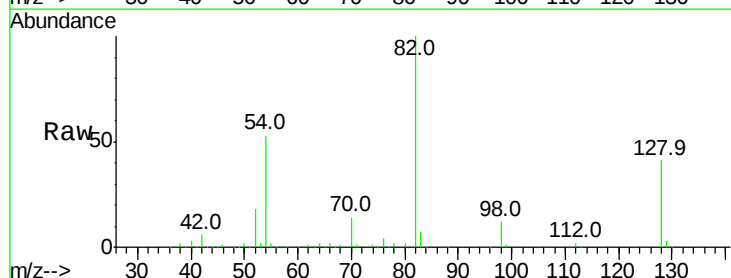
Ion Ratio Lower Upper

70 100

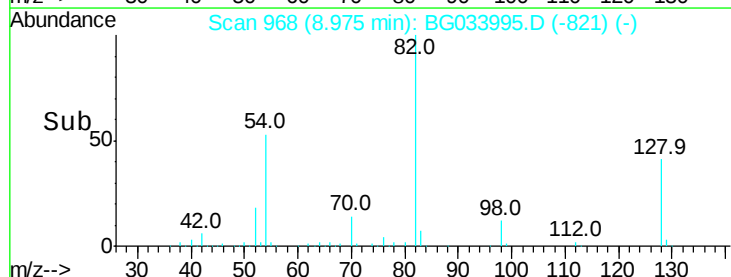
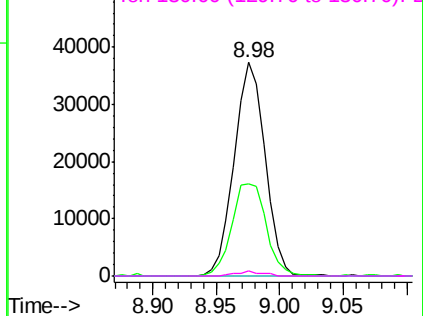
42 43.3 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 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

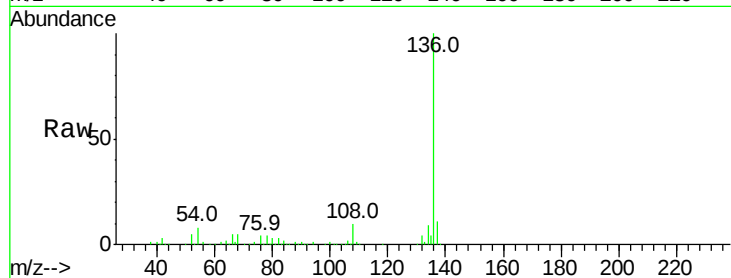




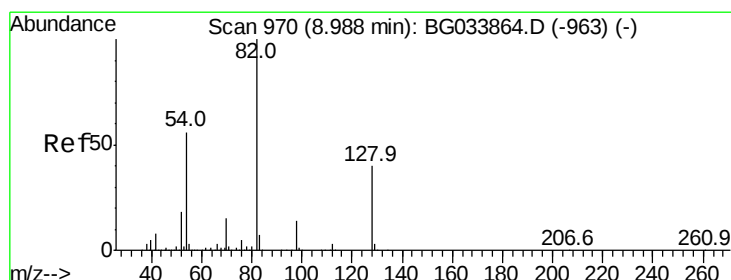
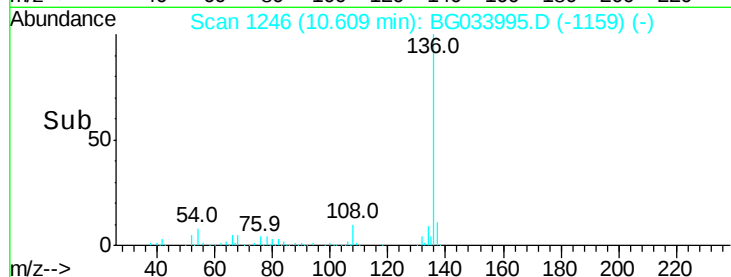
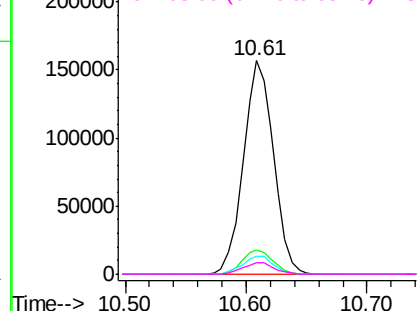
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271256
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.2 13.8
54	8.5	10.3 15.5#
68	5.4	4.5 6.7

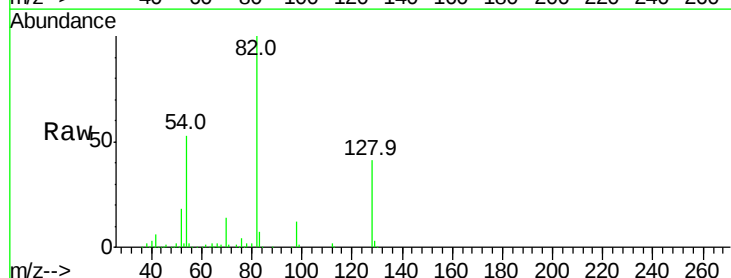


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

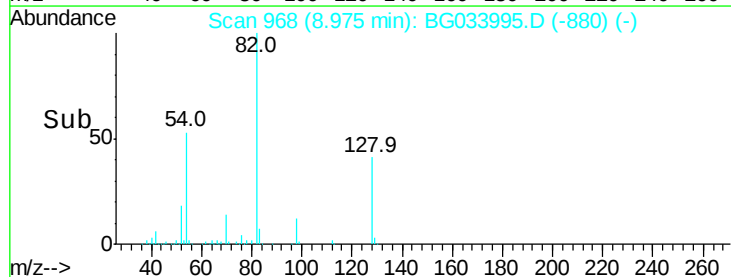
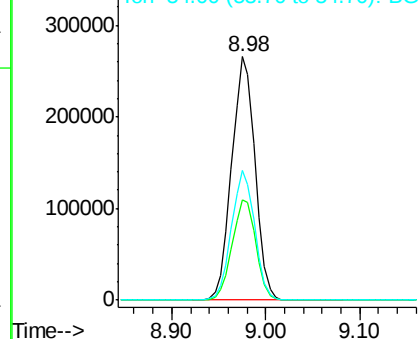


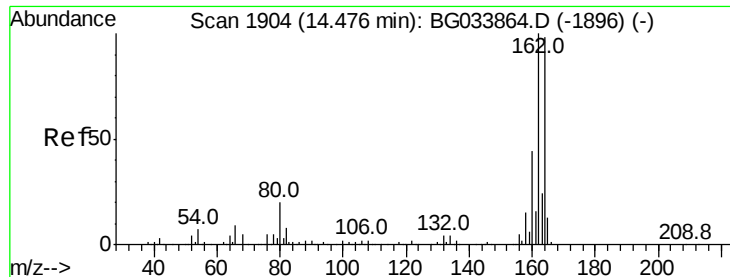
#23
Nitrobenzene-d5
Concen: 96.242 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Tgt Ion: 82	Resp:	458729
Ion Ratio	Lower	Upper
82	100	
128	41.1	29.7 44.5
54	53.0	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: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

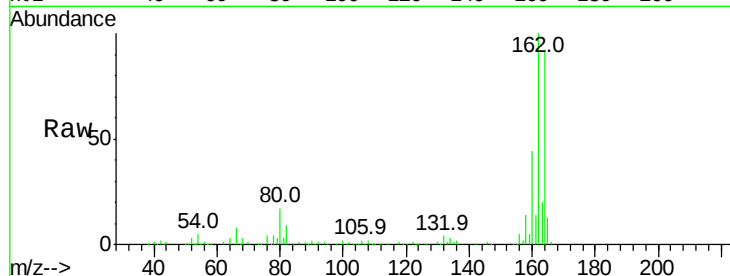
Tot Ion:164 Resp: 188755

Ion Ratio Lower Upper

164 100

162 108.3 78.8 118.2

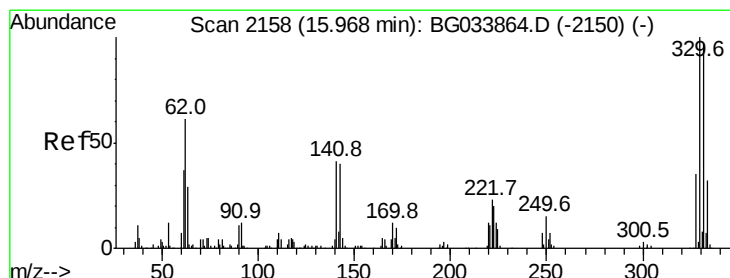
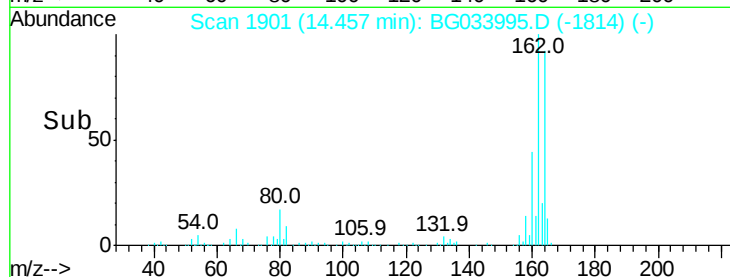
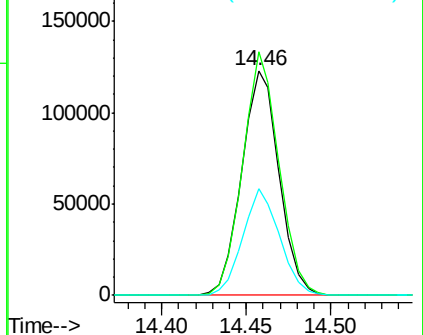
160 47.2 35.4 53.0



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: 174.038 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.02 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

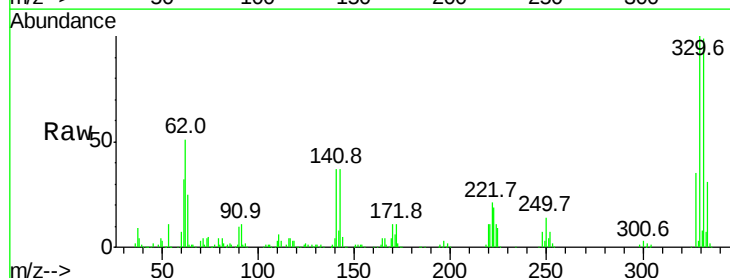
Tgt Ion:330 Resp: 383255

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

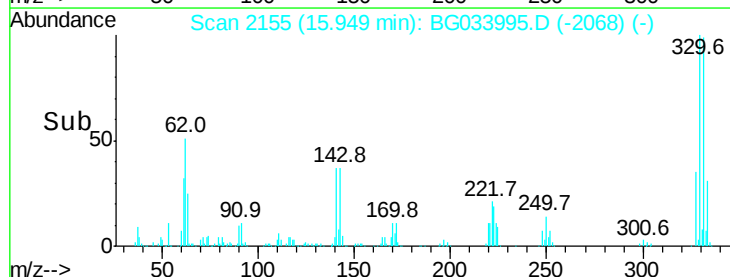
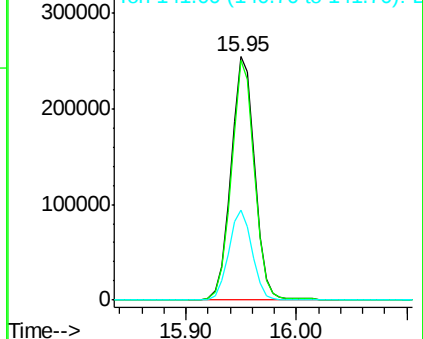
141 36.8 25.2 37.8

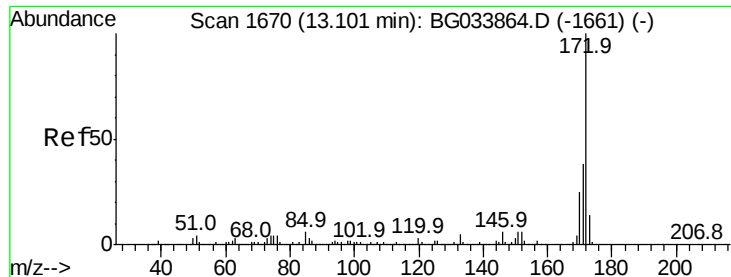


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



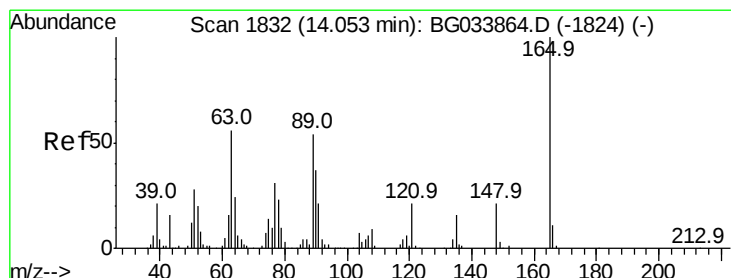
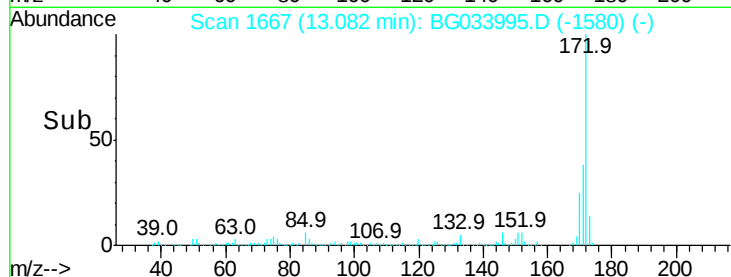
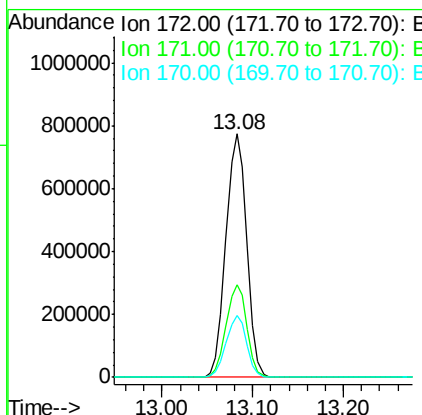
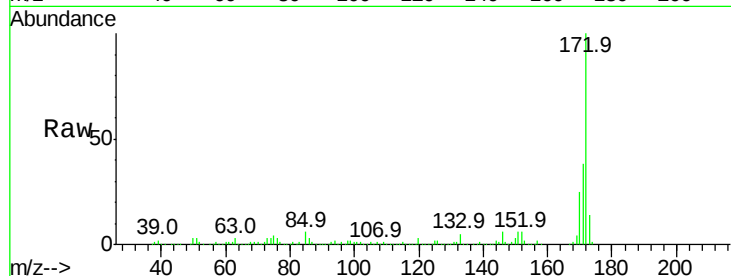


#44
 2-Fluorobiphenyl
 Concen: 95.706 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1229727

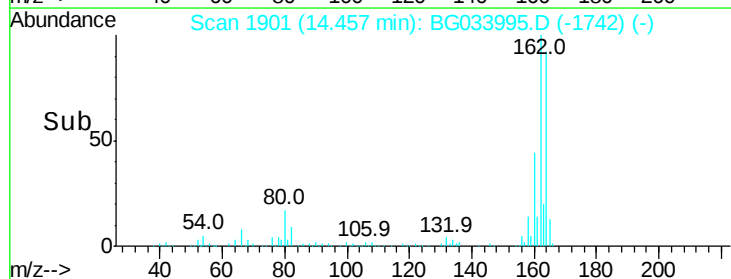
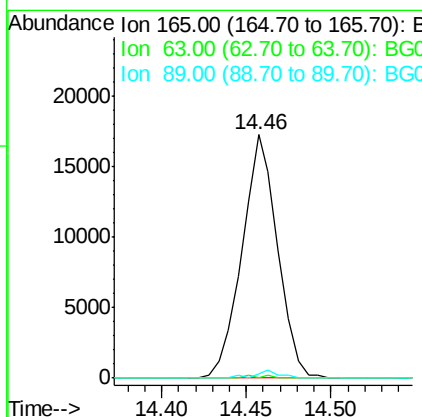
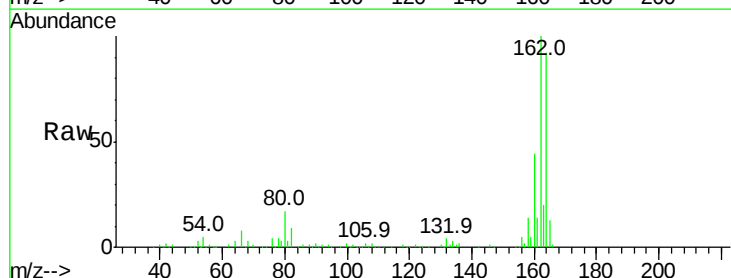
Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.2	19.5	29.3

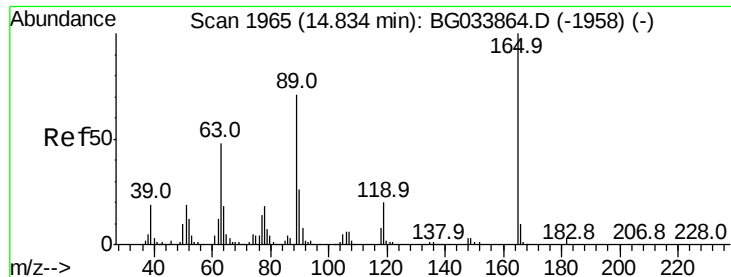


#50
 2,6-Dinitrotoluene
 Concen: 8.001 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. 0.40 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Tgt Ion:165 Resp: 25175

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.6	49.2	73.8#

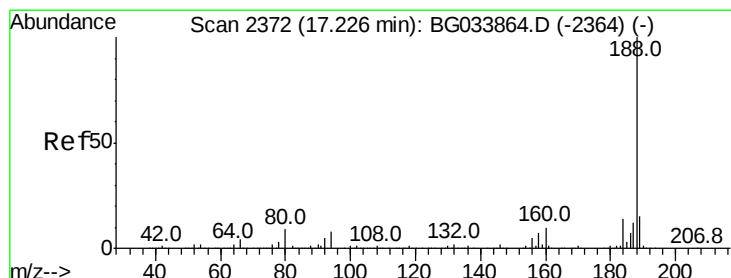
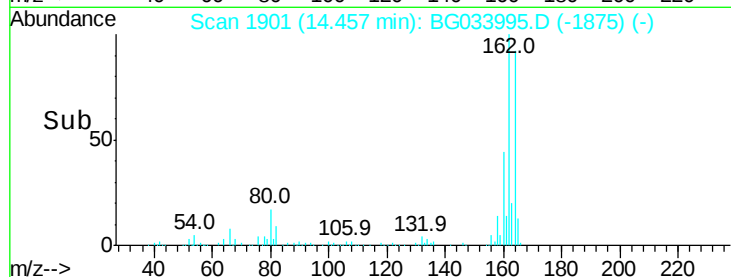
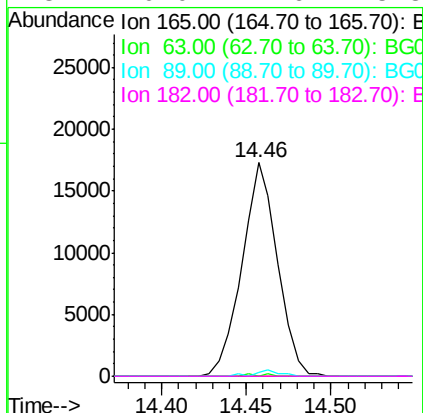
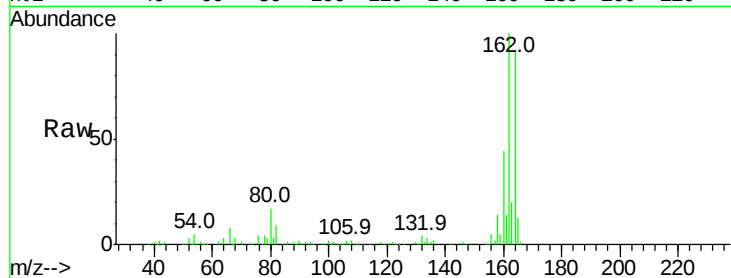




#56
 2,4-Dinitrotoluene
 Concen: 6.017 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.38 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

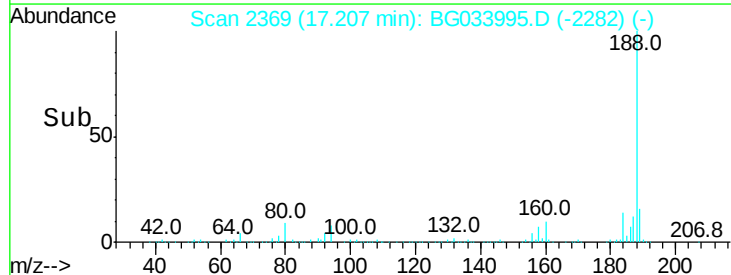
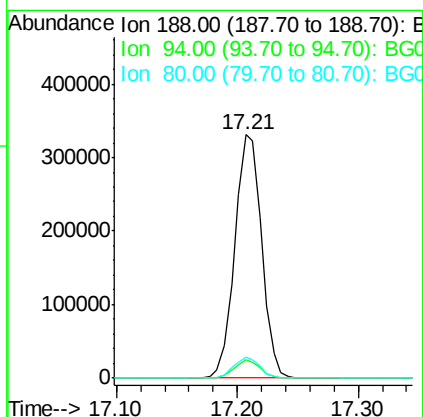
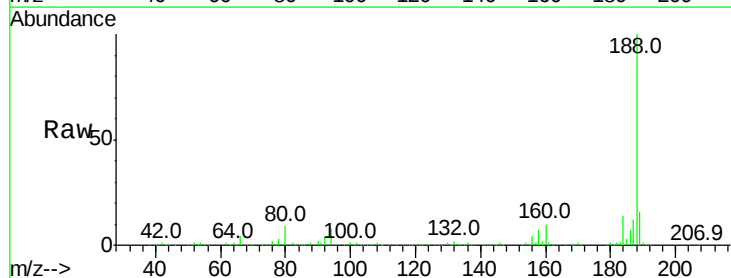
Instrument :
 BNA_G
 ClientSampled :

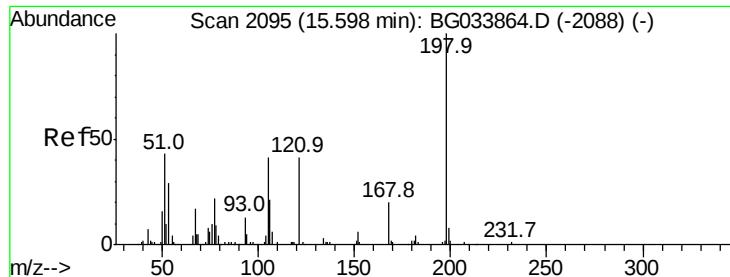
Tot Ion:165 Resp: 25175
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.6 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Tgt Ion:188 Resp: 512158
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 8.8 7.7 11.5

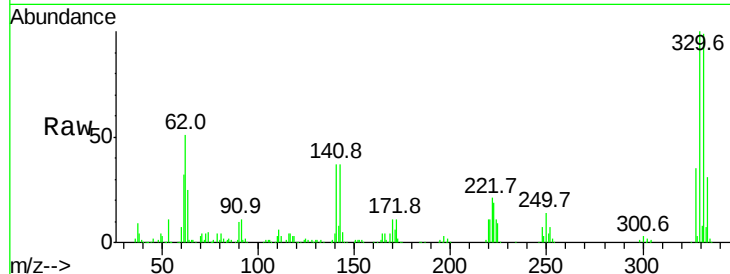




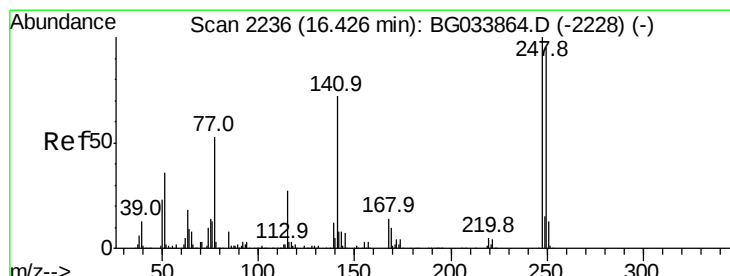
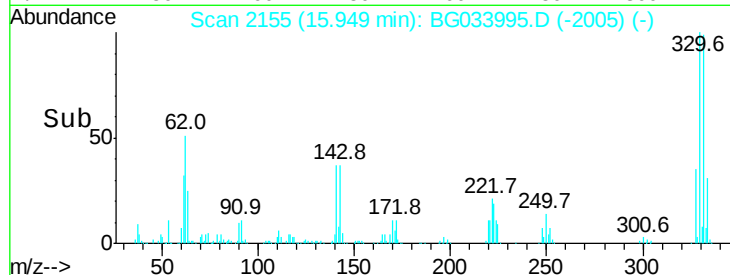
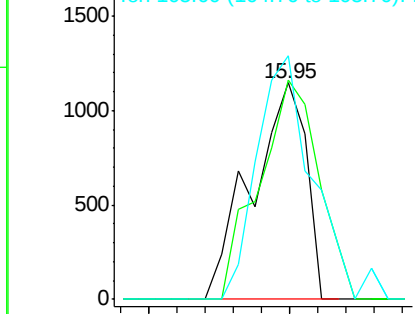
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.022 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. 0.35 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1520
 Ion Ratio Lower Upper
 198 100
 51 22.8 30.6 70.6#
 105 25.4 23.8 63.8

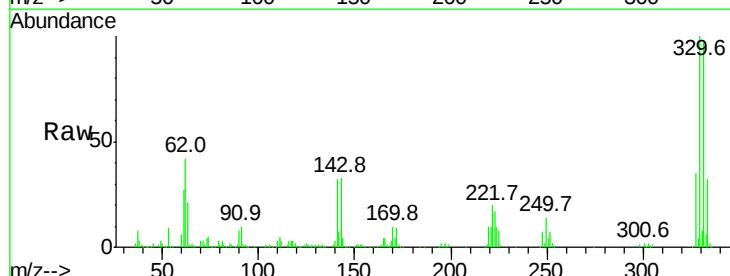


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

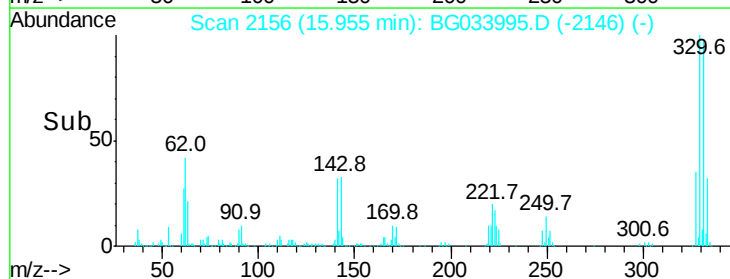
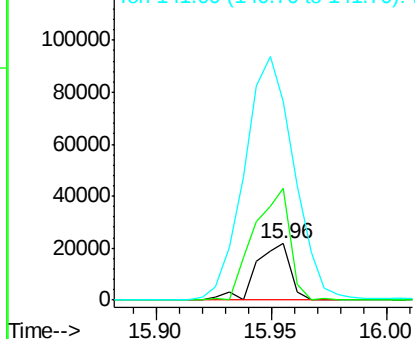


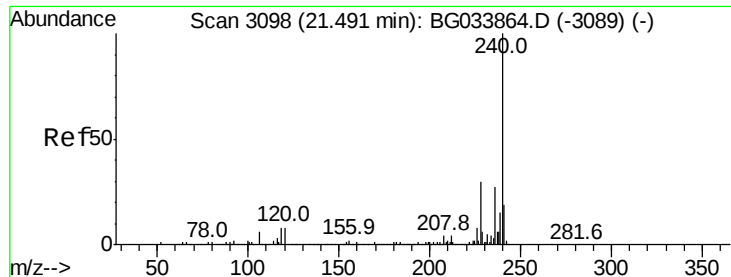
#66
 4-Bromophenyl-phenylether
 Concen: 3.978 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.47 min
 Lab File: BG033995.D
 Acq: 25 Apr 2018 20:24

Tgt Ion:248 Resp: 22377
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.1 115.7#
 141 352.3 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: BG033995.D

Acq: 25 Apr 2018 20:24

Instrument :

BNA_G

ClientSampleId :

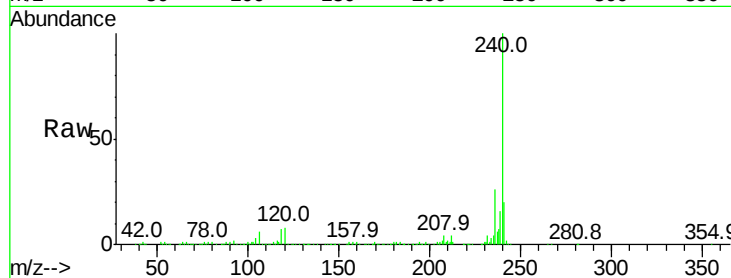
Tot Ion:240 Resp: 597950

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

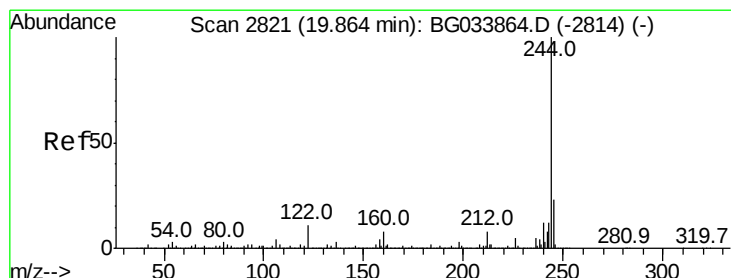
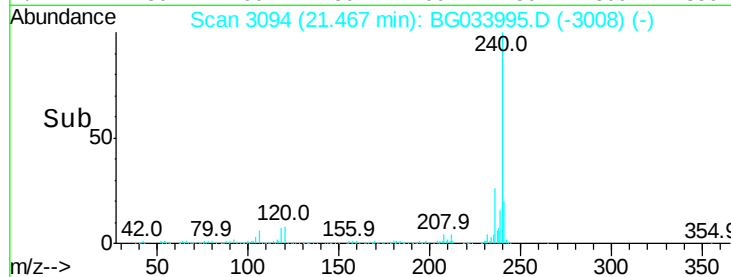
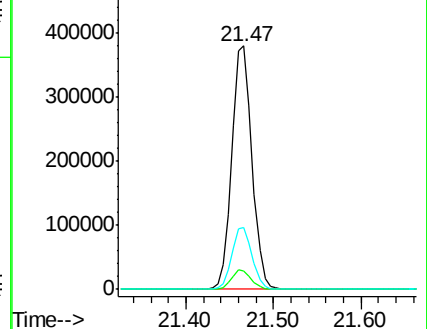
236 25.5 20.9 31.3



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: 86.816 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033995.D

Acq: 25 Apr 2018 20:24

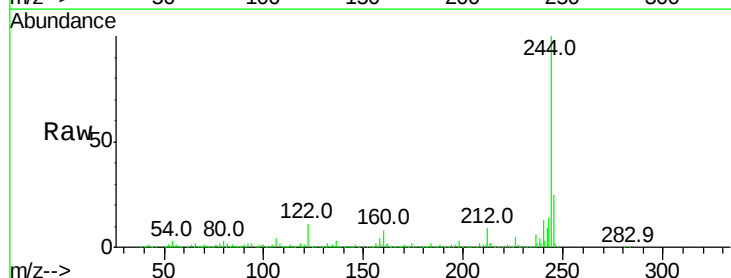
Tgt Ion:244 Resp: 2310659

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

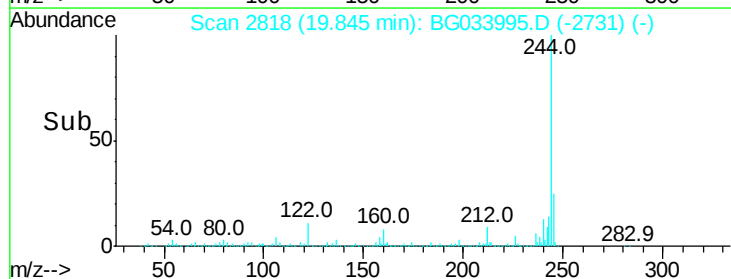
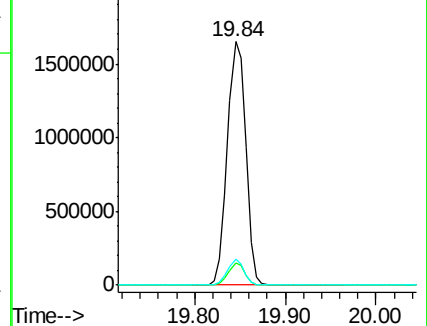
122 10.7 7.0 10.4#

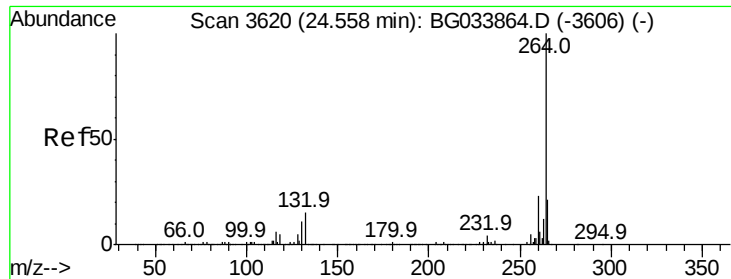


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.04 min
Lab File: BG033995.D
Acq: 25 Apr 2018 20:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 577382

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5

