

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033983.D
 Acq On : 25 Apr 2018 10:39
 Operator : SJ/JU
 Sample : J2508-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 11:54:59 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

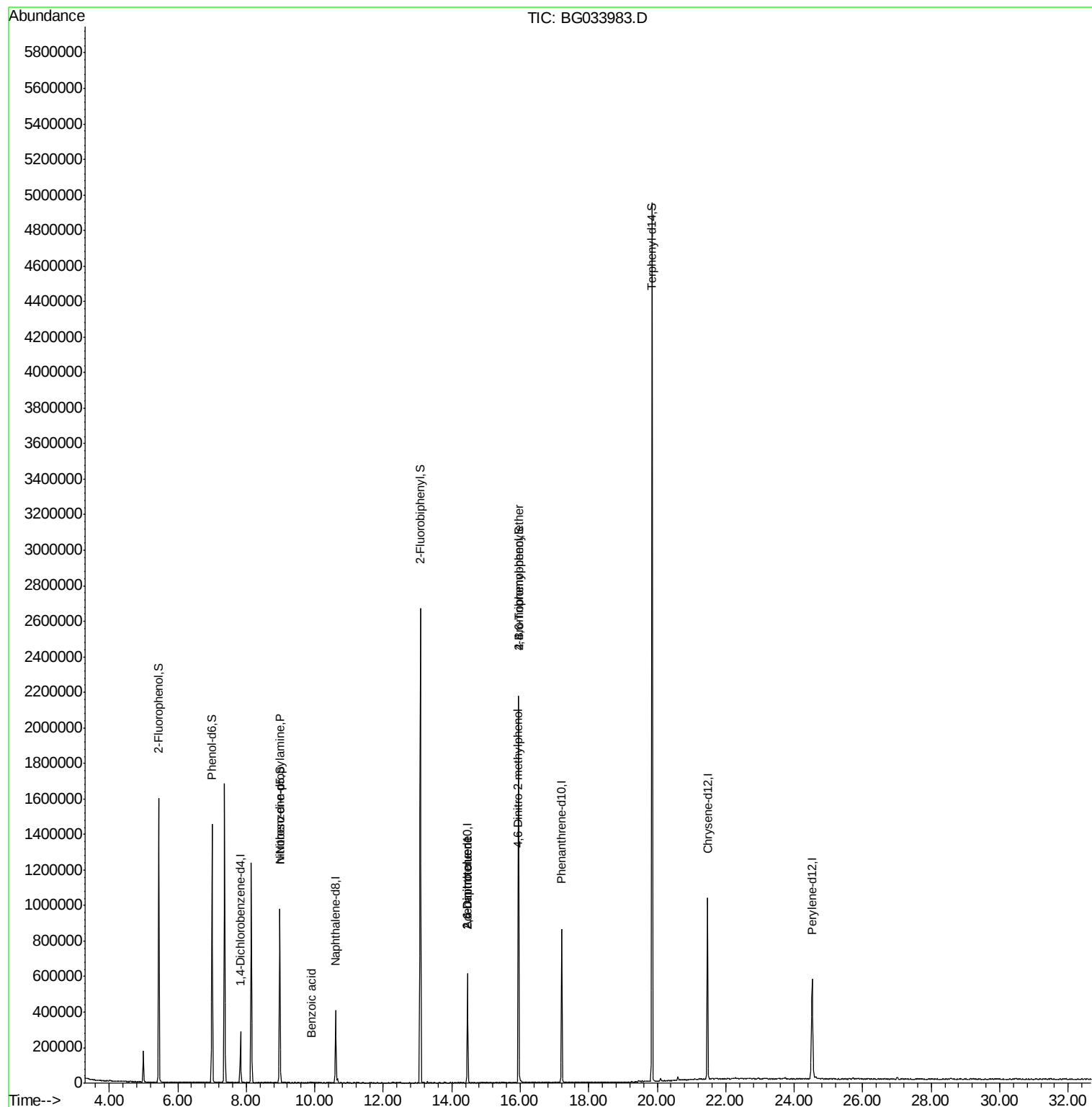
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	82975	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	332256	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	209897	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	532637	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	604512	20.00	ng	-0.02
86) Perylene-d12	24.52	264	609414	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	671526	129.21	ng	0.00
7) Phenol-d6	7.00	99	796536	105.08	ng	0.00
23) Nitrobenzene-d5	8.98	82	594873	101.89	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	387100	158.08	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1389482	97.25	ng	-0.02
78) Terphenyl-d14	19.85	244	2429244	90.28	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.00	77	1500	Below Cal	Qvalue #	5
19) n-Nitroso-di-n-propylamine	8.98	70	79949	12.373 ng	#	78
32) Benzoic acid	9.91	122	528	5.185 ng	#	41
50) 2,6-Dinitrotoluene	14.46	165	27674	7.909 ng	#	20
56) 2,4-Dinitrotoluene	14.46	165	27674	5.948 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.93	198	445	6.639 ng		76
66) 4-Bromophenyl-phenylether	15.94	248	24055	4.112 ng	#	1

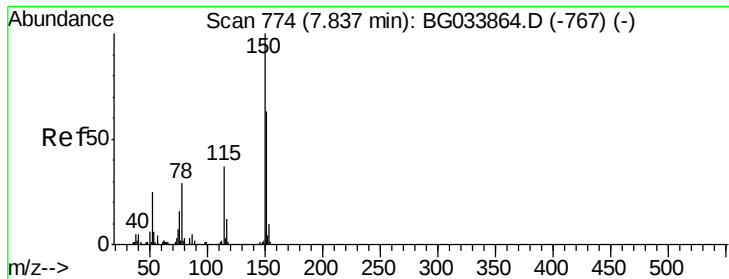
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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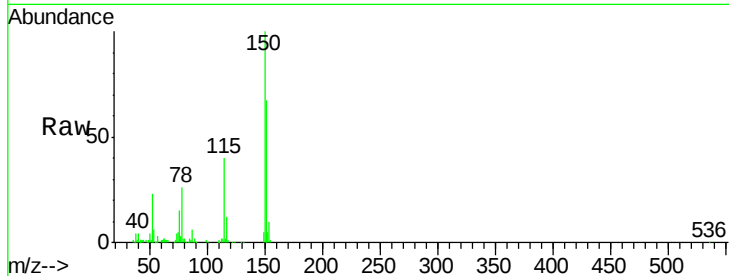


#1

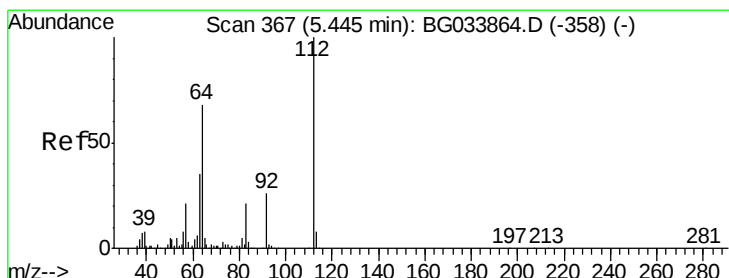
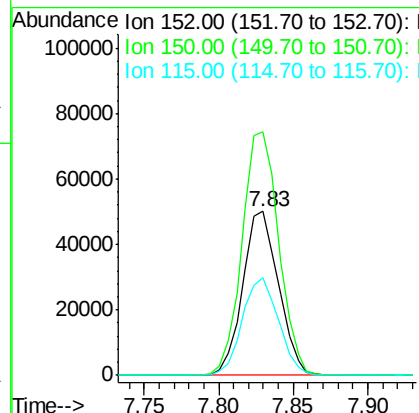
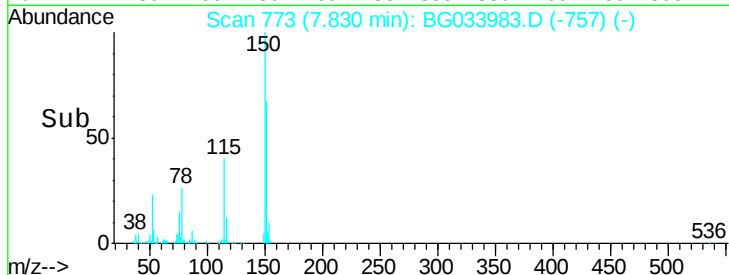
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	126.6	189.8
115	59.5	53.0	79.4



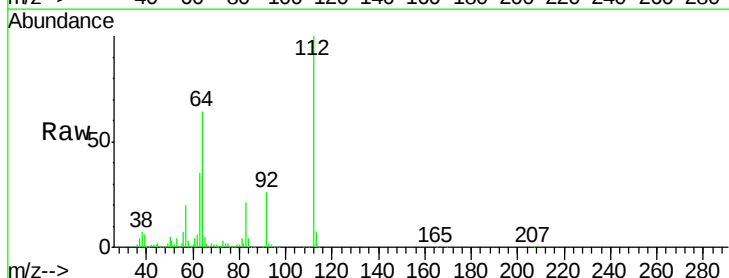
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



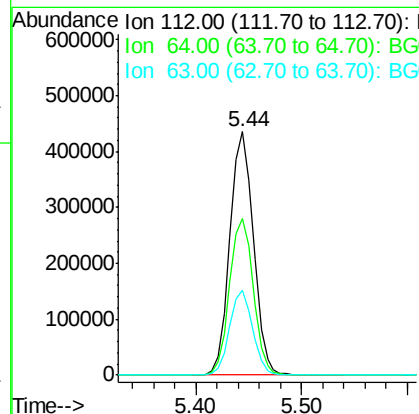
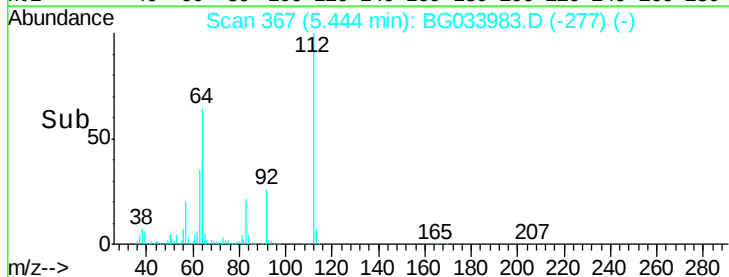
#5

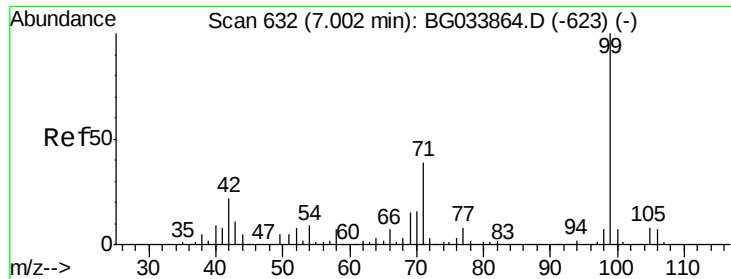
2-Fluorophenol
Concen: 129.209 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	56.3	84.5
63	34.7	30.1	45.1



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





#7

Phenol-d6

Concen: 105.078 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033983.D

Acq: 25 Apr 2018 10:39

Instrument :

BNA_G

ClientSampleId :

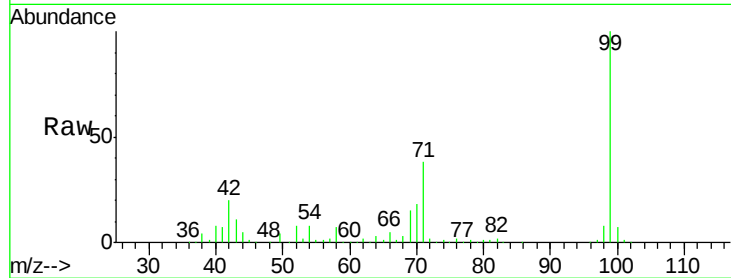
Tot Ion: 99 Resp: 796536

Ion Ratio Lower Upper

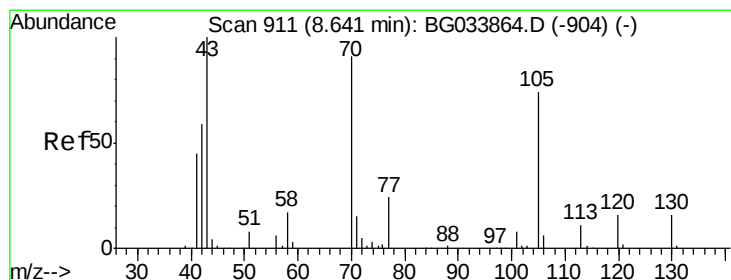
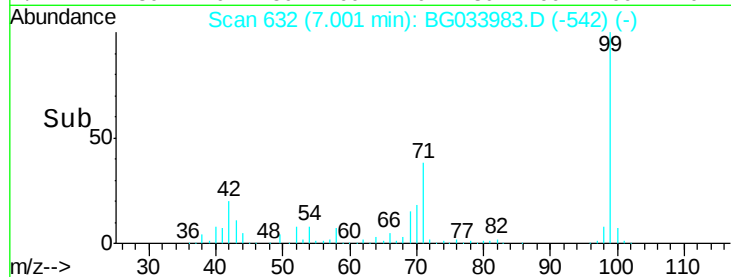
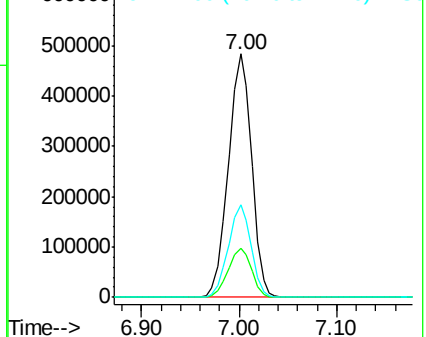
99 100

42 20.3 14.1 21.1

71 37.9 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: 12.373 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.33 min

Lab File: BG033983.D

Acq: 25 Apr 2018 10:39

Tgt Ion: 70 Resp: 79949

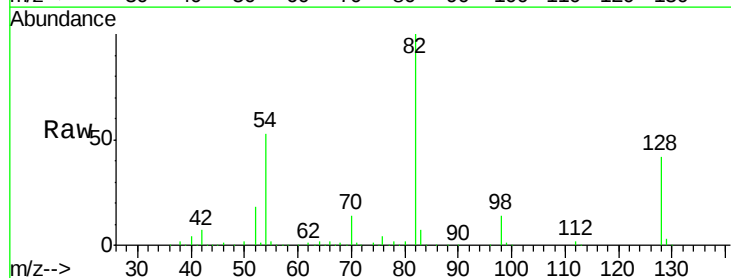
Ion Ratio Lower Upper

70 100

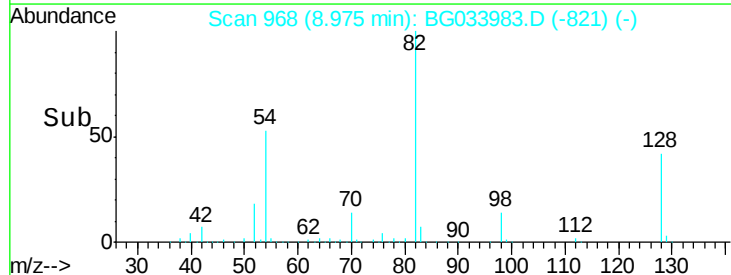
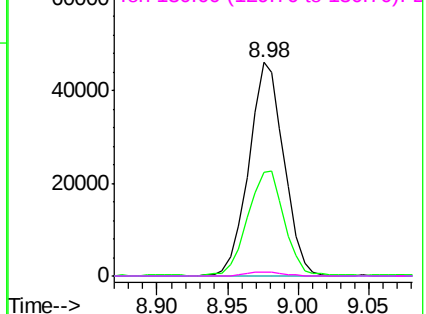
42 48.6 49.1 73.7#

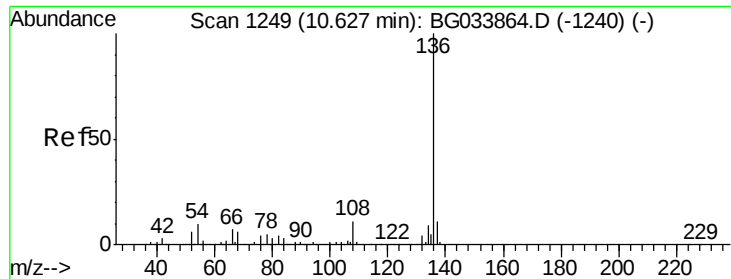
101 0.0 8.5 12.7#

130 1.6 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

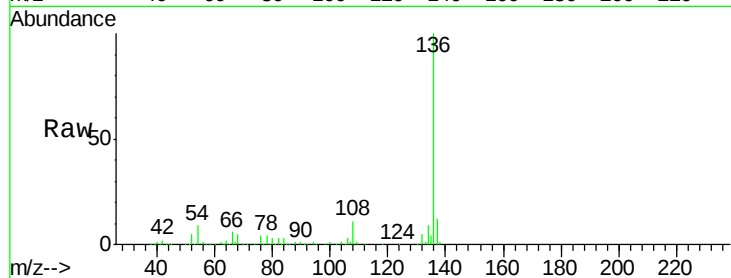




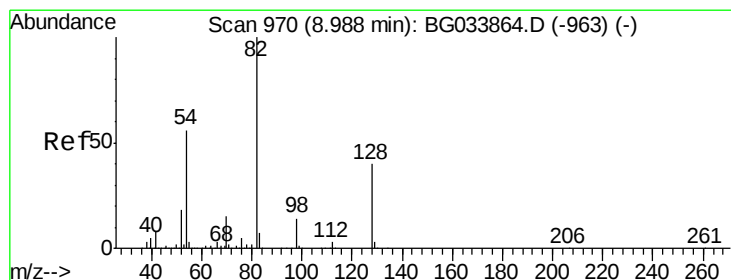
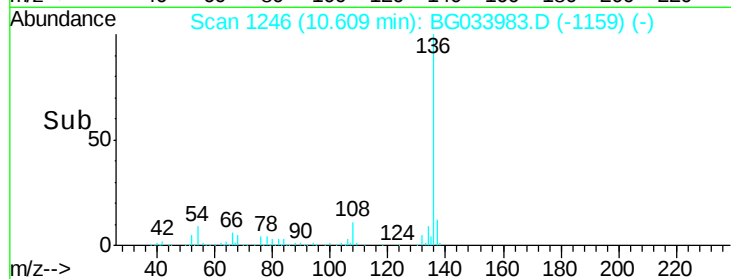
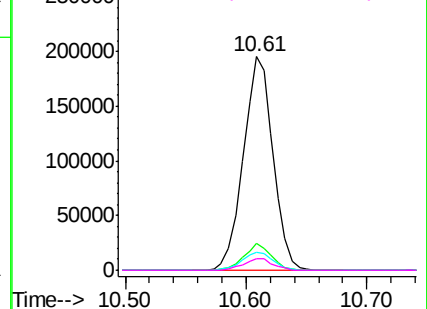
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	332256
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.2 13.8
54	8.5	10.3 15.5#
68	5.4	4.5 6.7

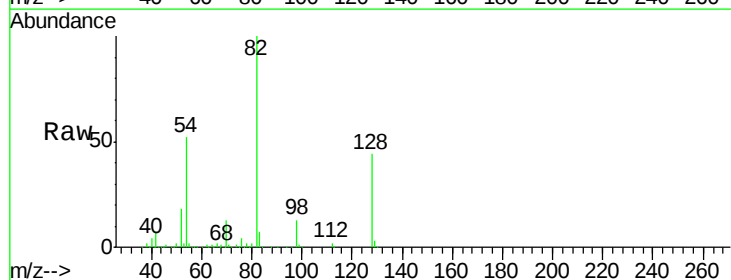


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

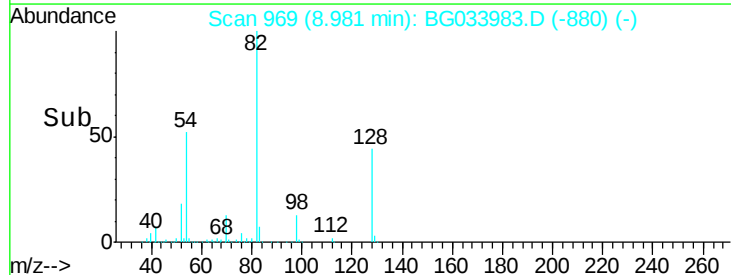
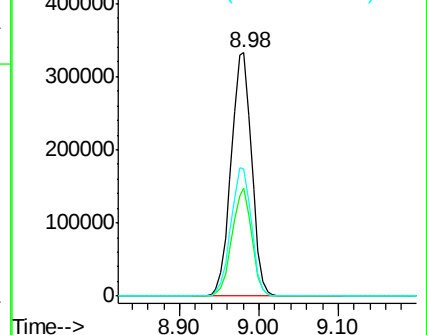


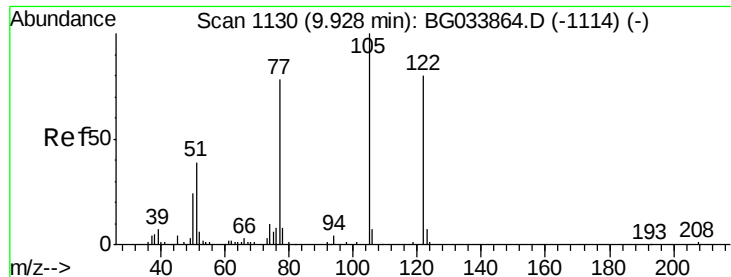
#23
Nitrobenzene-d5
Concen: 101.891 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion: 82	Resp:	594873
Ion Ratio	Lower	Upper
82	100	
128	44.2	29.7 44.5
54	52.0	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

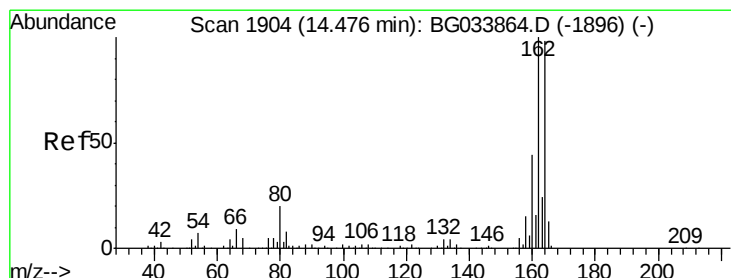
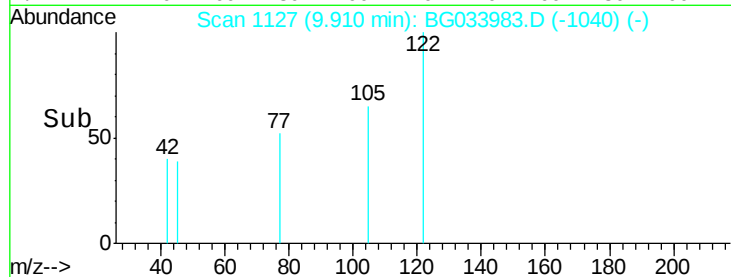
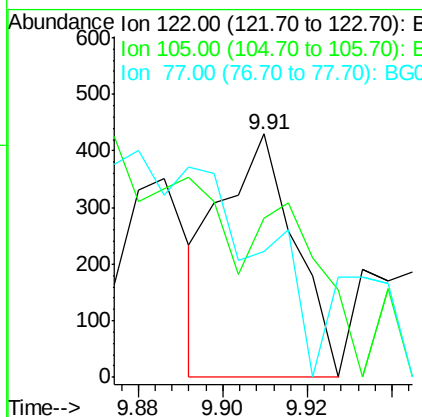
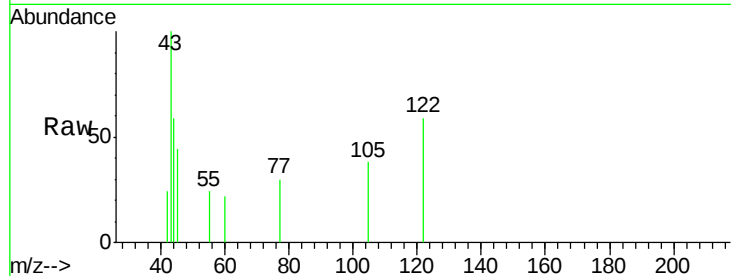




#32
Benzoic acid
Concen: 5.185 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

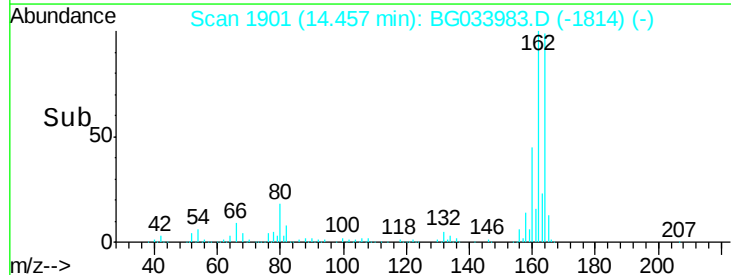
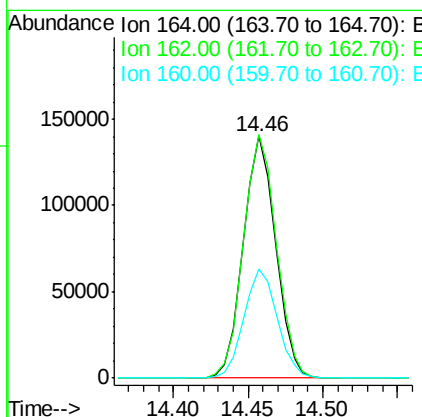
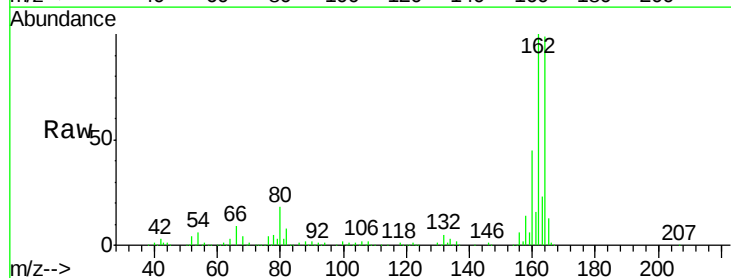
Instrument :
BNA_G
ClientSampled :

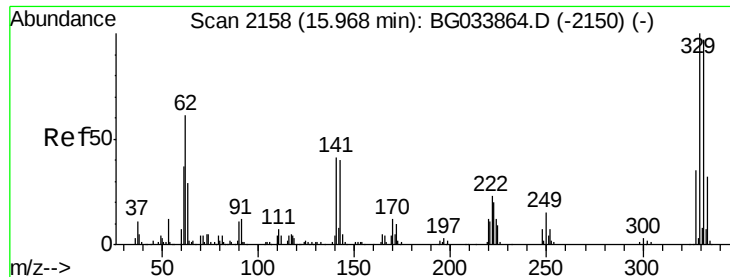
Tot Ion:122 Resp: 528
Ion Ratio Lower Upper
122 100
105 65.1 123.5 163.5#
77 51.6 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:164 Resp: 209897
Ion Ratio Lower Upper
164 100
162 100.6 78.8 118.2
160 45.3 35.4 53.0

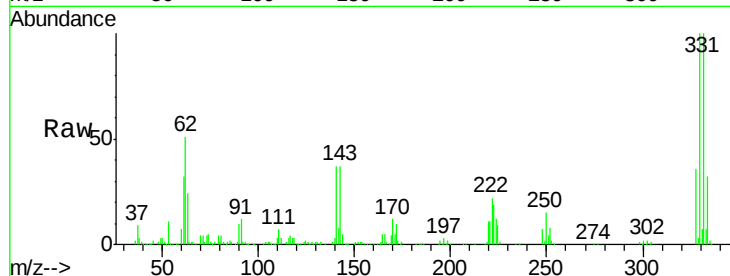




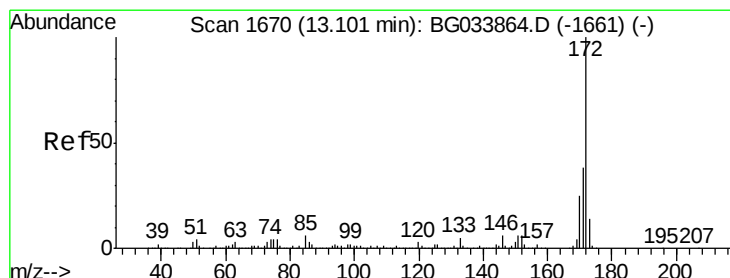
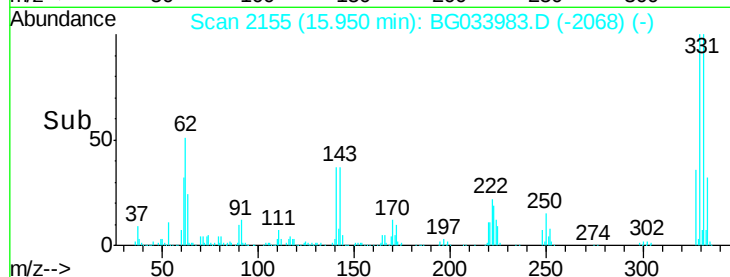
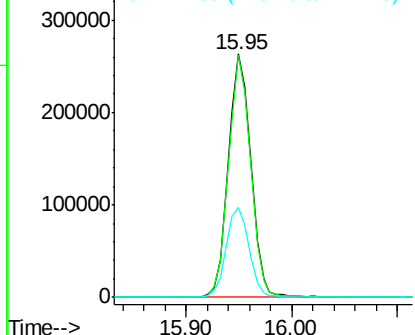
#41
 2,4,6-Tribromophenol
 Concen: 158.078 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 387100
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 37.9 25.2 37.8#

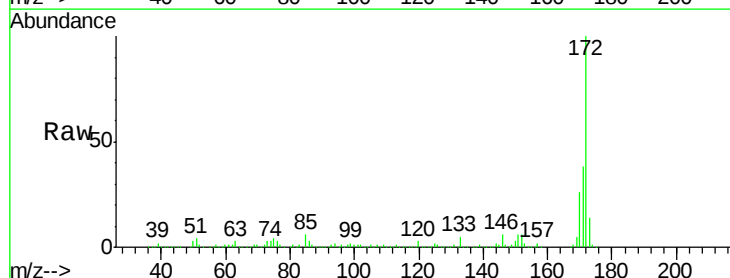


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

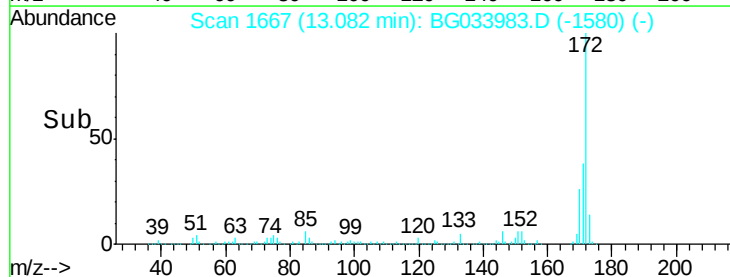
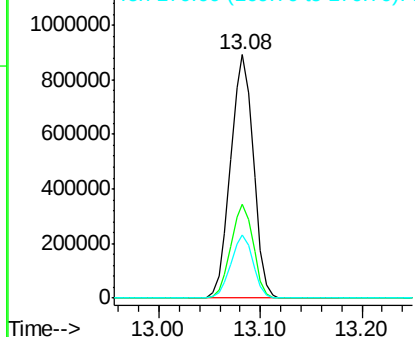


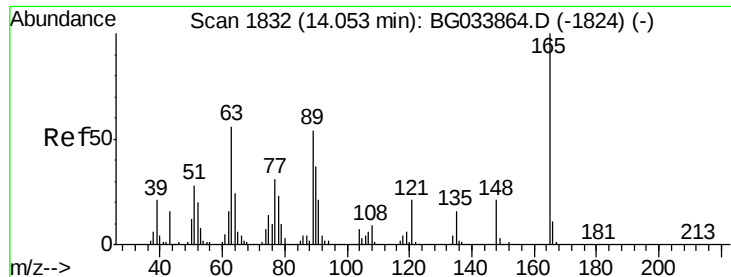
#44
 2-Fluorobiphenyl
 Concen: 97.247 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

Tgt Ion:172 Resp: 1389482
 Ion Ratio Lower Upper
 172 100
 171 38.4 30.0 45.0
 170 25.9 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

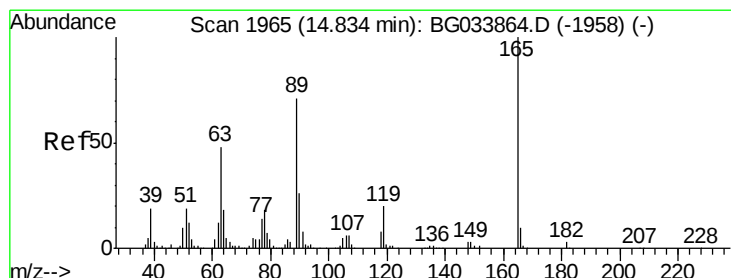
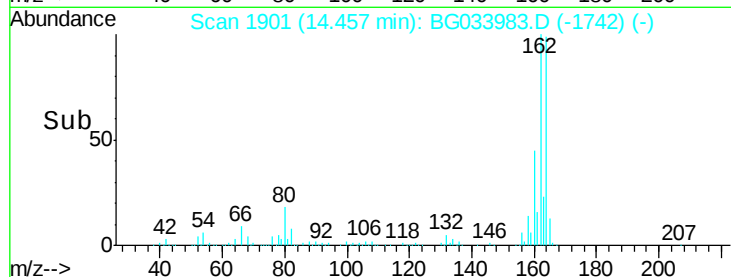
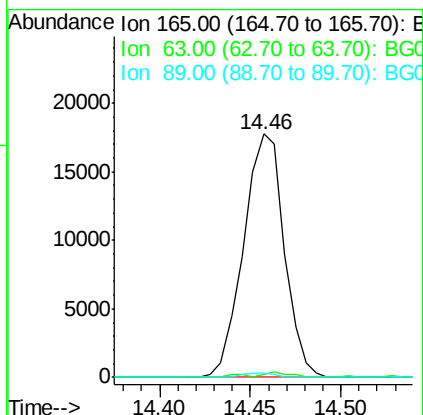
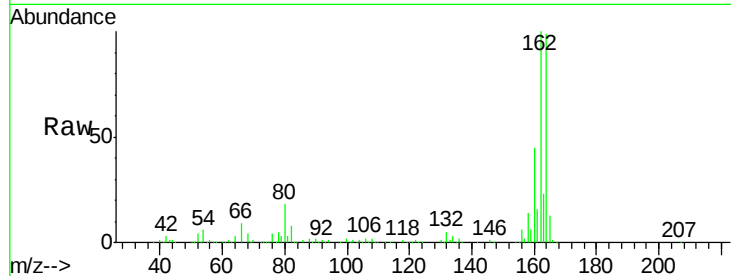




#50
2,6-Dinitrotoluene
Concen: 7.909 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

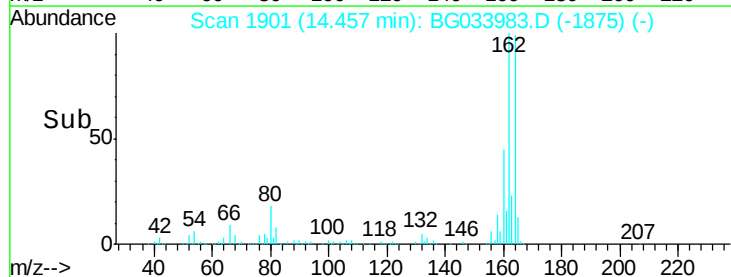
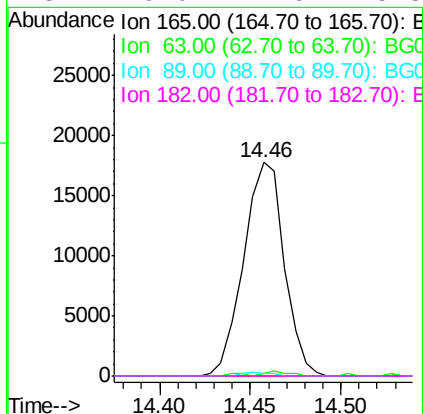
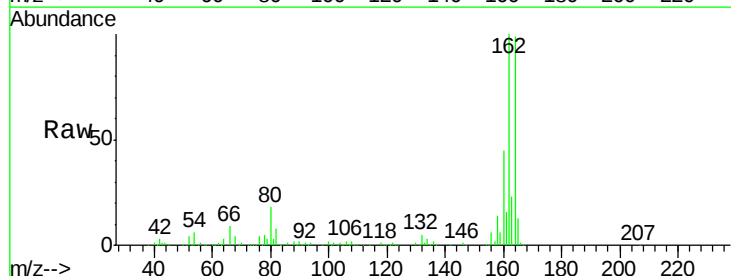
Instrument :
BNA_G
ClientSampleId :

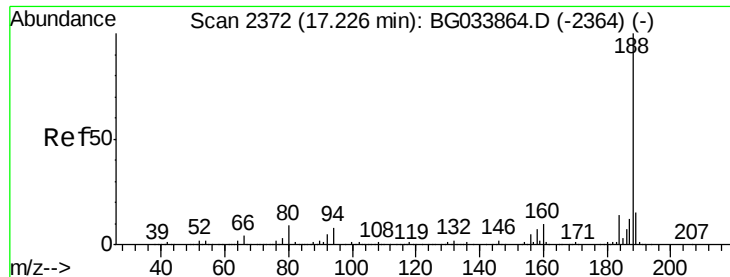
Tot Ion:165 Resp: 27674
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.5 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.948 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033983.D
Acq: 25 Apr 2018 10:39

Tgt Ion:165 Resp: 27674
Ion Ratio Lower Upper
165 100
63 1.4 42.0 63.0#
89 1.5 66.9 100.3#
182 0.0 2.6 3.8#

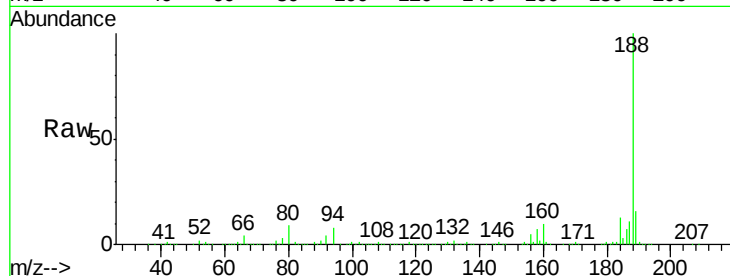




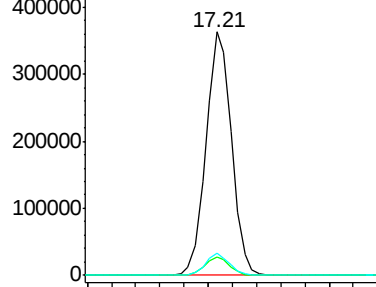
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

Instrument :
 BNA_G
 ClientSampled :

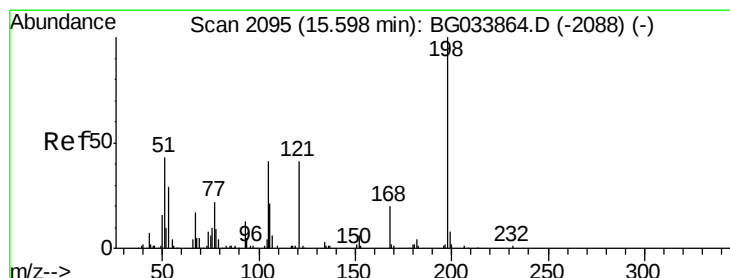
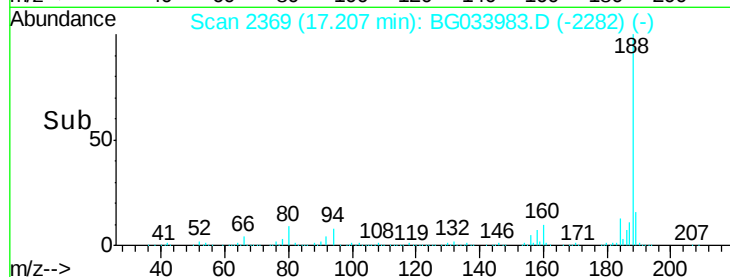
Tot Ion:188 Resp: 532637
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.9 10.3
 80 9.1 7.7 11.5



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

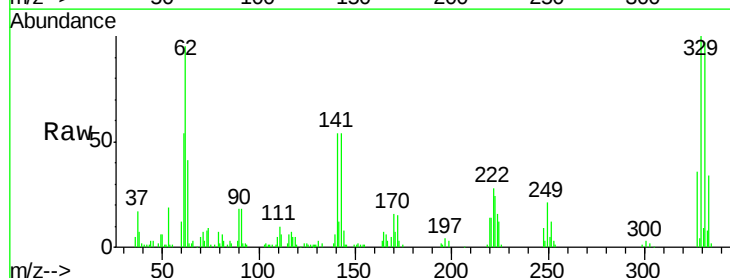


Time--> 17.10 17.20 17.30

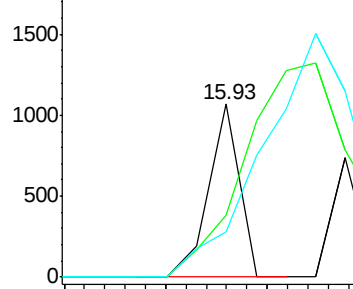


#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.639 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. 0.33 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

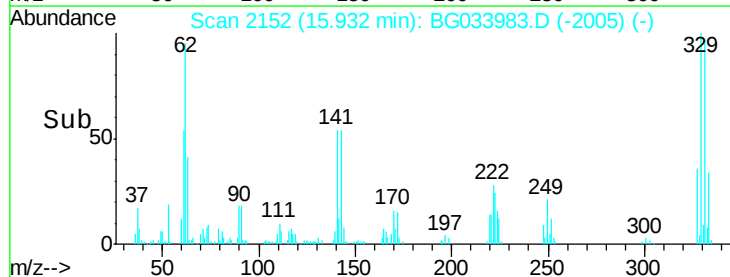
Tgt Ion:198 Resp: 445
 Ion Ratio Lower Upper
 198 100
 51 35.6 30.6 70.6
 105 26.4 23.8 63.8

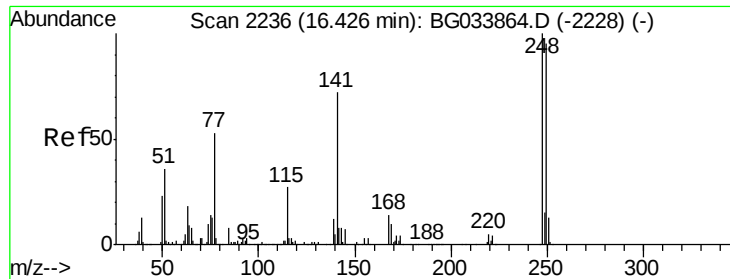


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E



Time--> 15.90 15.92 15.94

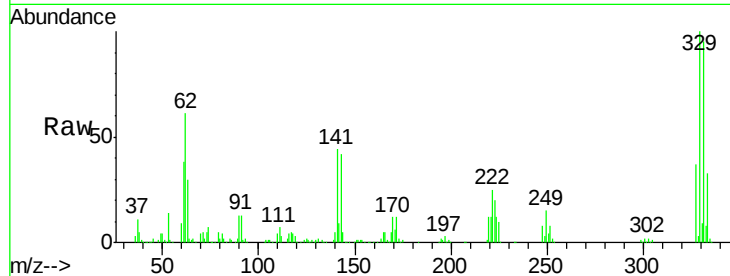




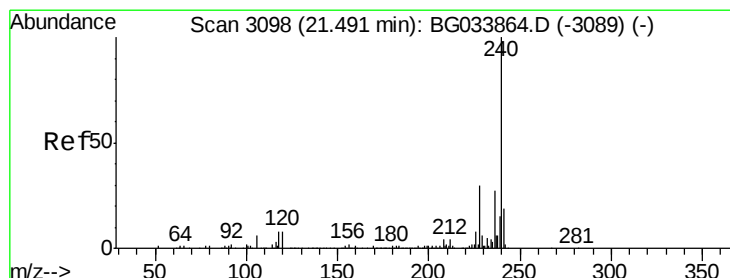
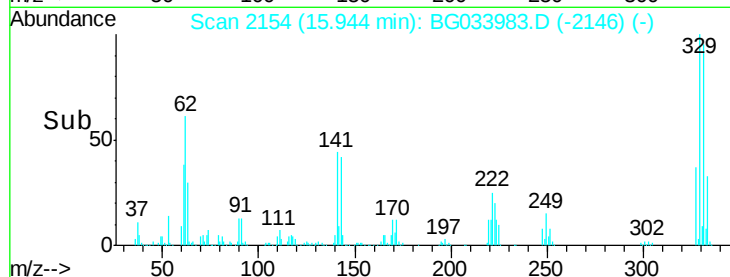
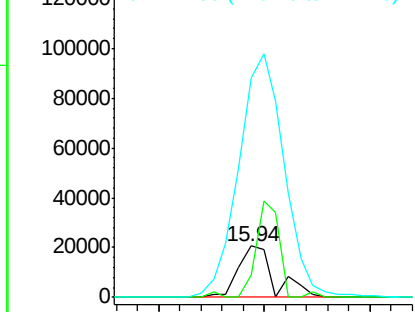
#66
 4-Bromophenyl-phenylether
 Concen: 4.112 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. -0.48 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 24055
 Ion Ratio Lower Upper
 248 100
 250 42.8 77.1 115.7#
 141 425.5 50.8 76.2#

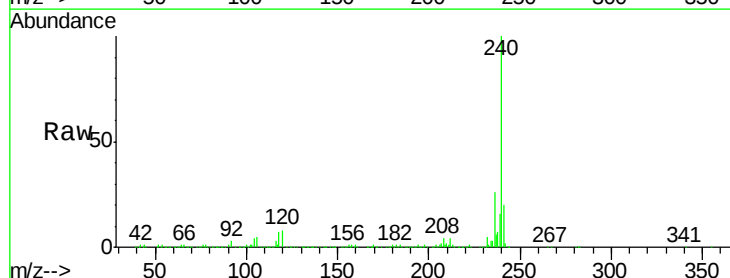


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

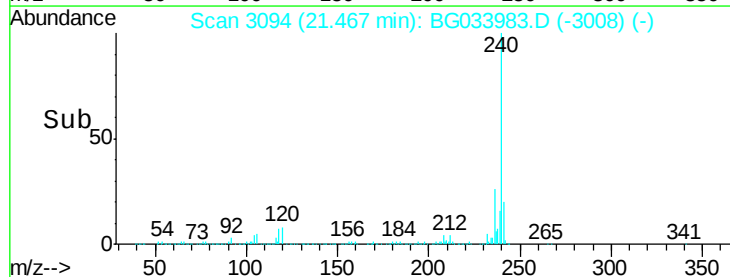
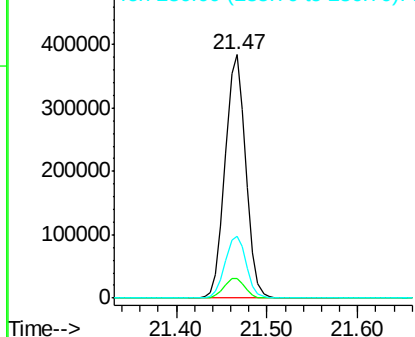


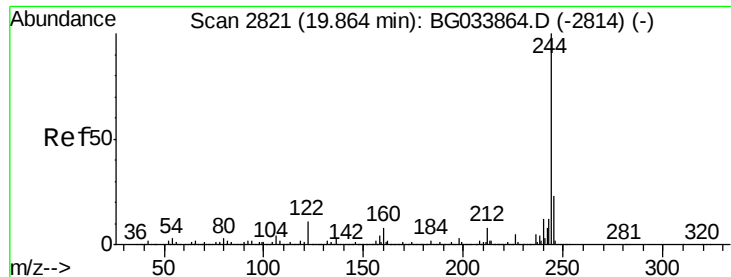
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG033983.D
 Acq: 25 Apr 2018 10:39

Tgt Ion:240 Resp: 604512
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.8 10.2
 236 25.6 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: 90.281 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033983.D

Acq: 25 Apr 2018 10:39

Instrument :

BNA_G

ClientSampleId :

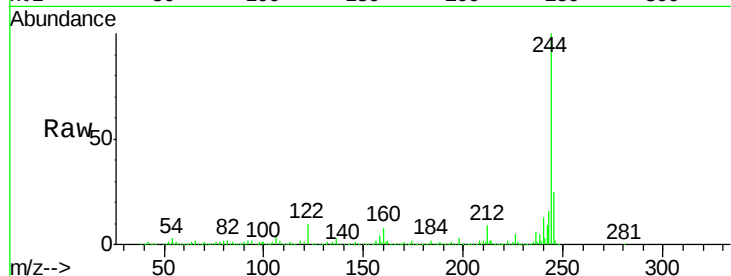
Tot Ion:244 Resp: 2429244

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

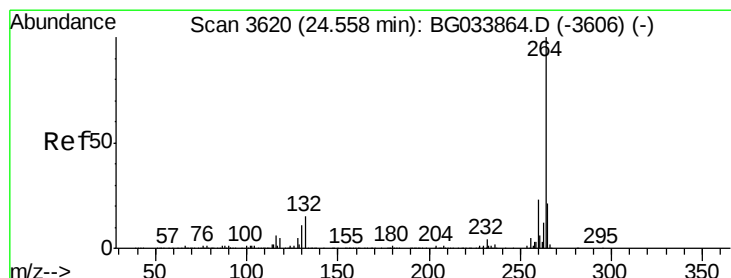
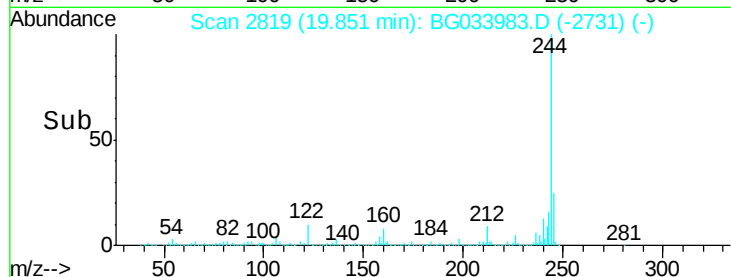
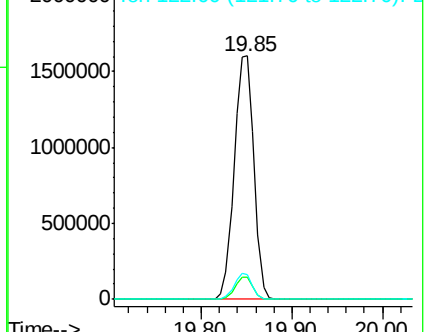
122 10.2 7.0 10.4



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: BG033983.D

Acq: 25 Apr 2018 10:39

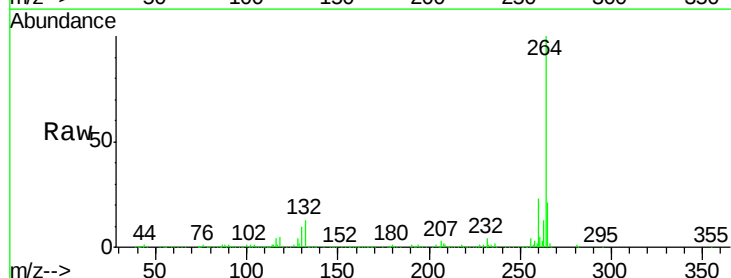
Tgt Ion:264 Resp: 609414

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.5 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

