

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033289.D
 Acq On : 21 Mar 2018 5:50
 Operator : SJ/JU
 Sample : PB107504BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 06:38:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

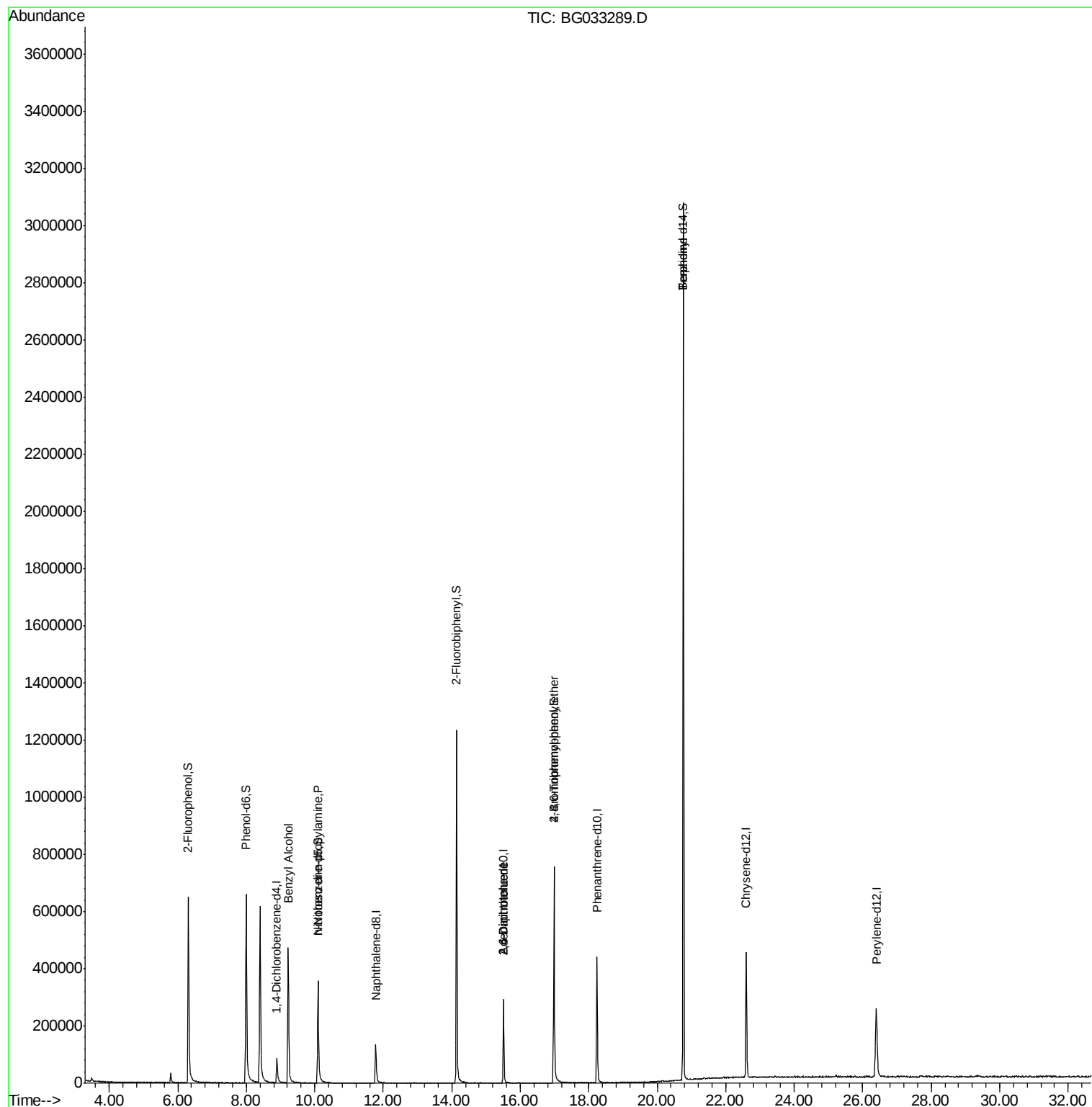
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34328	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	143510	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	113774	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	314488	20.00	ng	0.00
75) Chrysene-d12	22.60	240	334569	20.00	ng	0.00
86) Perylene-d12	26.40	264	341615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	325853	177.99	ng	0.00
7) Phenol-d6	7.99	99	476923	151.62	ng	0.00
23) Nitrobenzene-d5	10.09	82	293283	93.89	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	174287	102.42	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	752610	95.50	ng	0.00
78) Terphenyl-d14	20.76	244	1482935	94.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	4968	2.006	ng	# 57
19) n-Nitroso-di-n-propylamine	10.09	70	39964	17.339	ng	# 75
50) 2,6-Dinitrotoluene	15.51	165	14260	7.043	ng	# 18
56) 2,4-Dinitrotoluene	15.51	165	14260	4.784	ng	# 16
66) 4-Bromophenyl-phenylether	16.98	248	12469	3.376	ng	# 1
76) Benzidine	20.76	184	24267	2.675	ng	# 85

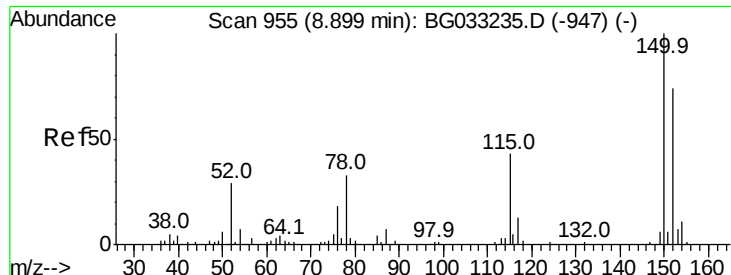
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
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Quant Time: Mar 21 06:38:03 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration



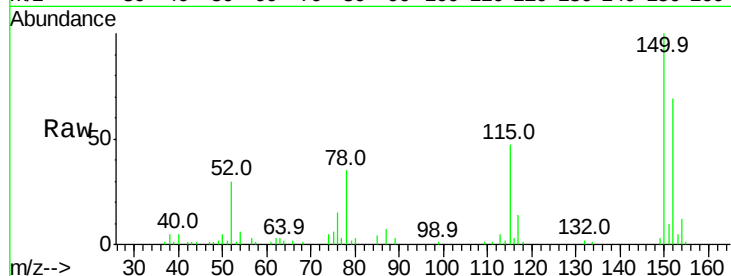


#1

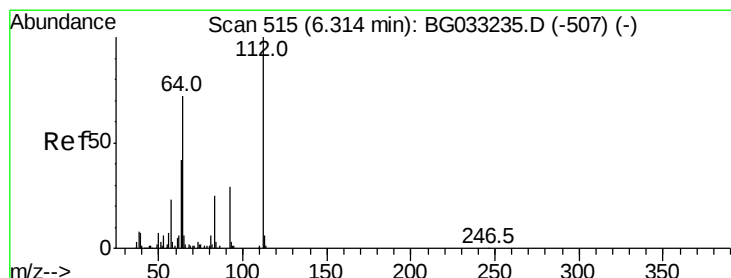
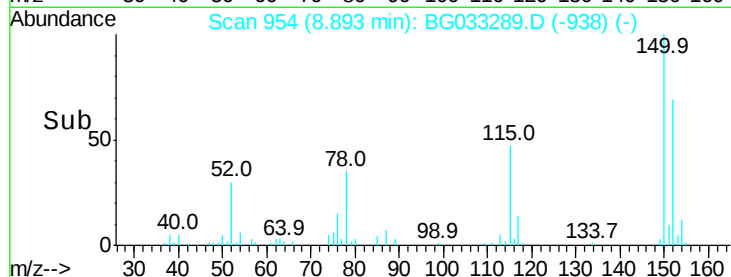
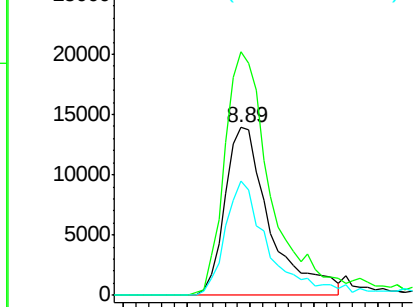
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033289.D
Acq: 21 Mar 2018 5:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34328
Ion Ratio Lower Upper
152 100
150 145.1 126.6 189.8
115 67.9 53.0 79.4



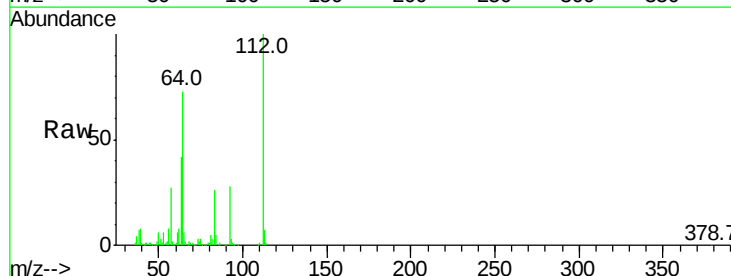
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



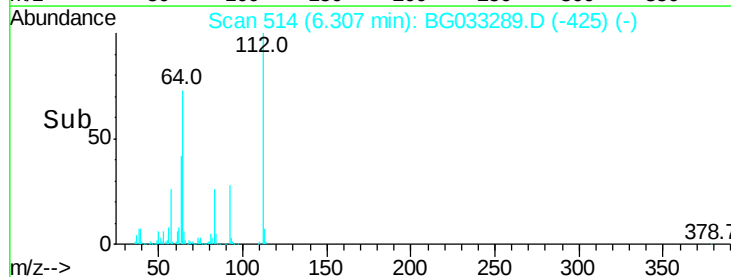
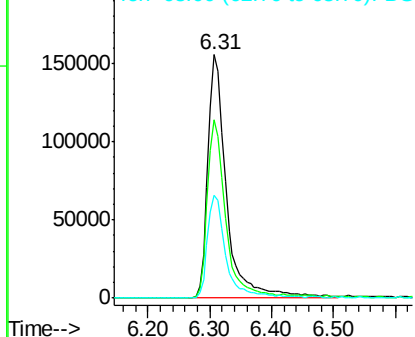
#5

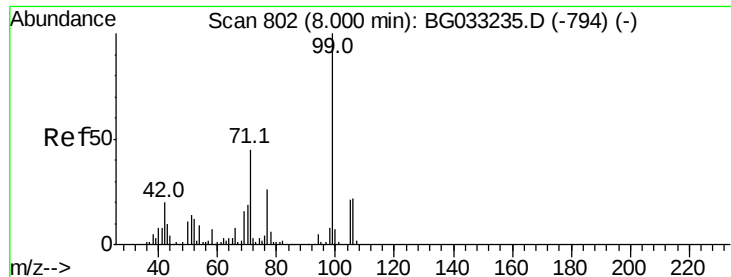
2-Fluorophenol
Concen: 177.993 ng
RT: 6.31 min Scan# 514
Delta R.T. -0.01 min
Lab File: BG033289.D
Acq: 21 Mar 2018 5:50

Tgt Ion:112 Resp: 325853
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 42.0 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: 151.619 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampled :

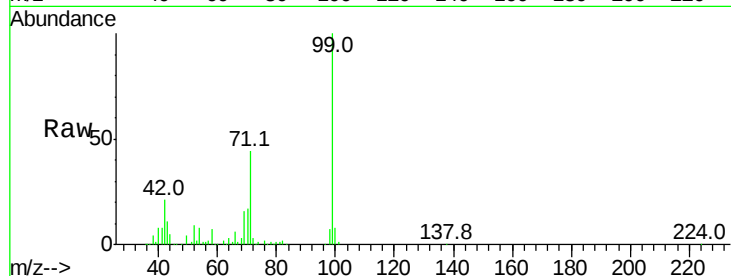
Tot Ion: 99 Resp: 476923

Ion Ratio Lower Upper

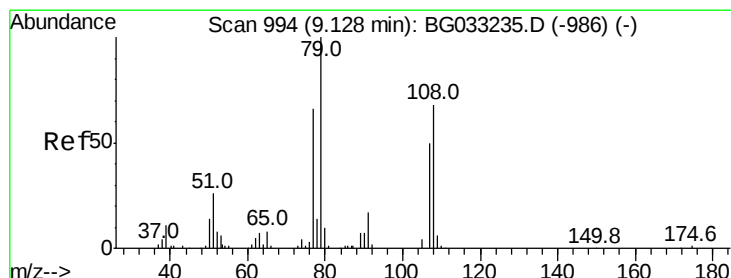
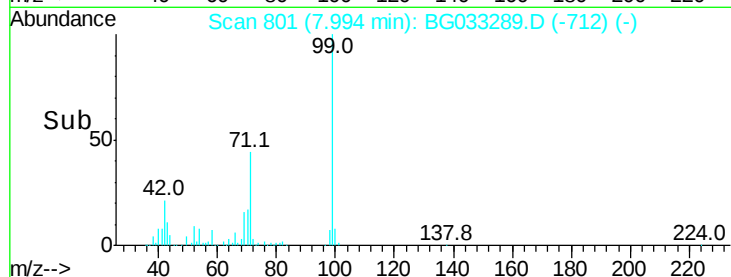
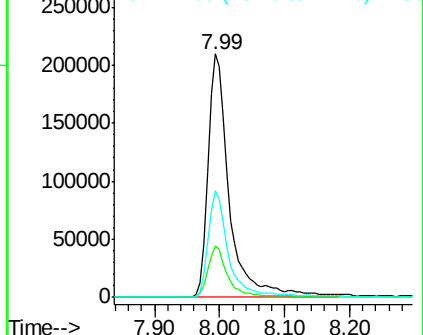
99 100

42 21.0 14.1 21.1

71 43.7 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



#15

Benzyl Alcohol

Concen: 2.006 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.10 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

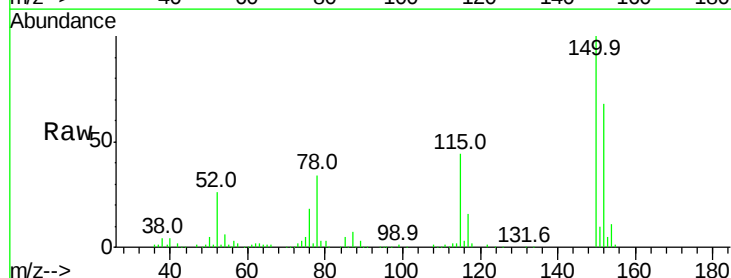
Tgt Ion: 79 Resp: 4968

Ion Ratio Lower Upper

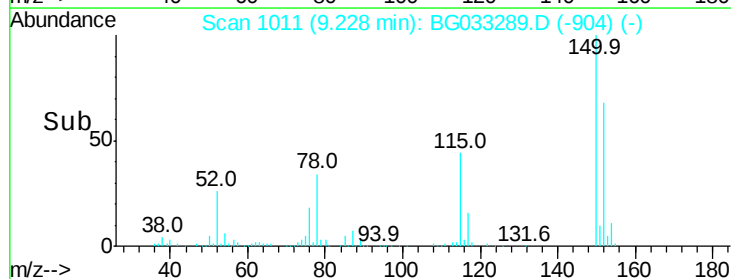
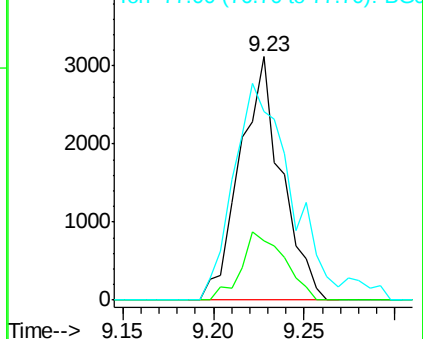
79 100

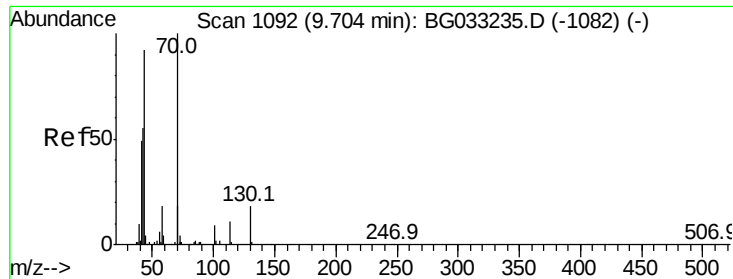
108 24.1 57.2 85.8#

77 77.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

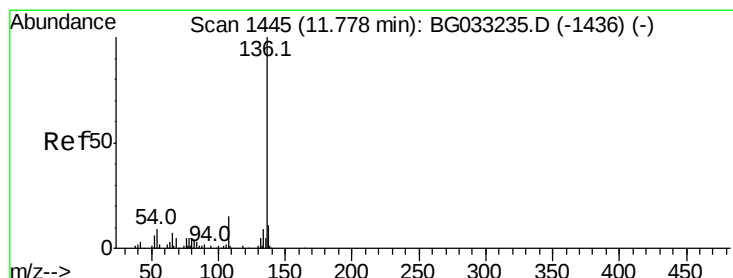
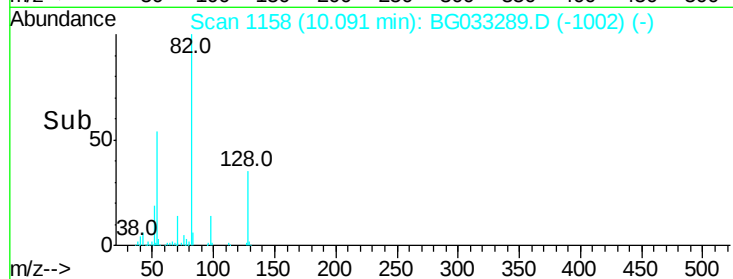
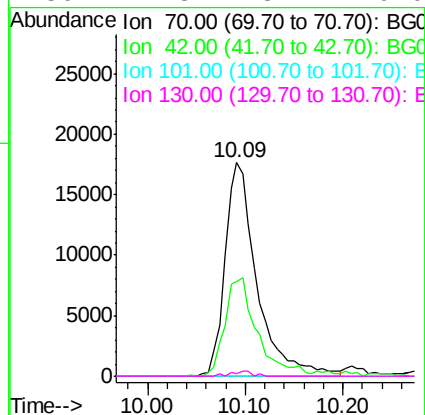
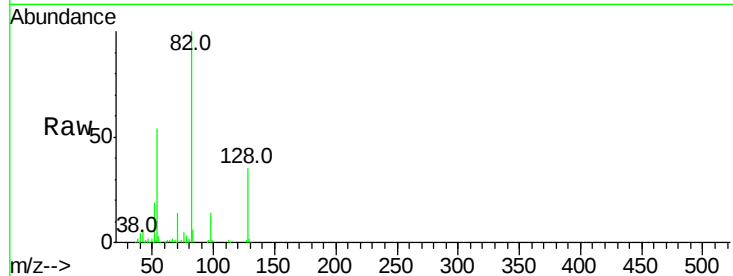




#19
 n-Nitroso-di-n-propylamine
 Concen: 17.339 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. 0.39 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

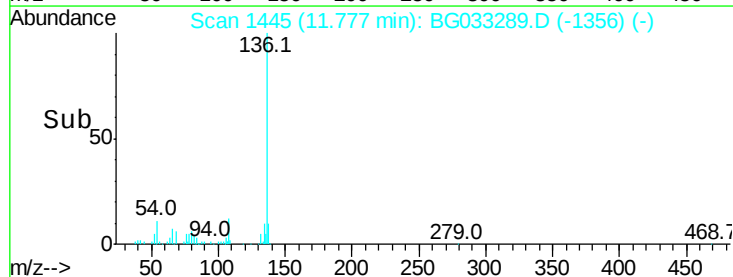
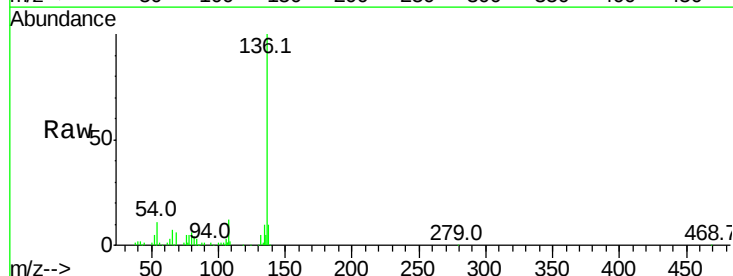
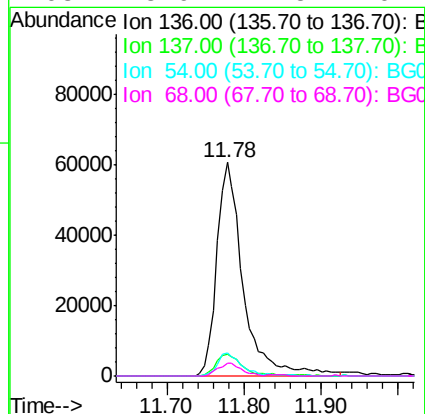
Instrument :
 BNA_G
 ClientSampled :

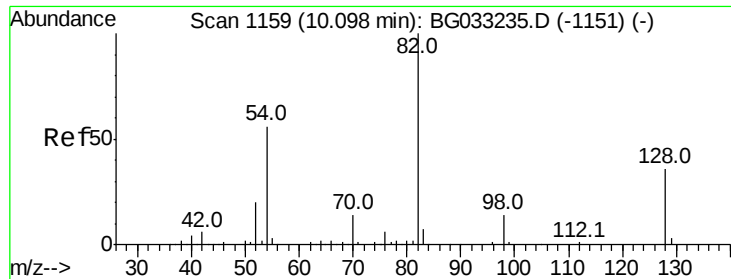
Tot Ion: 70 Resp: 39964
 Ion Ratio Lower Upper
 70 100
 42 44.4 49.1 73.7#
 101 0.0 8.5 12.7#
 130 1.3 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.78 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Tgt Ion: 136 Resp: 143510
 Ion Ratio Lower Upper
 136 100
 137 10.3 9.2 13.8
 54 10.9 10.3 15.5
 68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.893 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampleId :

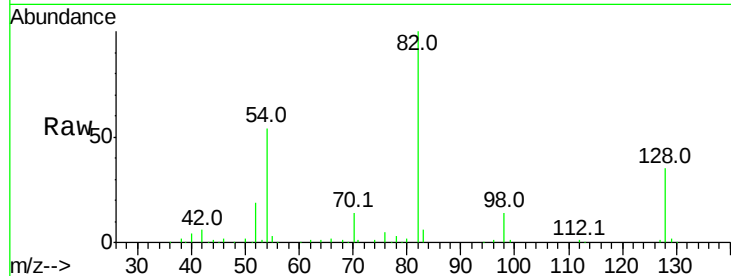
Tot Ion: 82 Resp: 293283

Ion Ratio Lower Upper

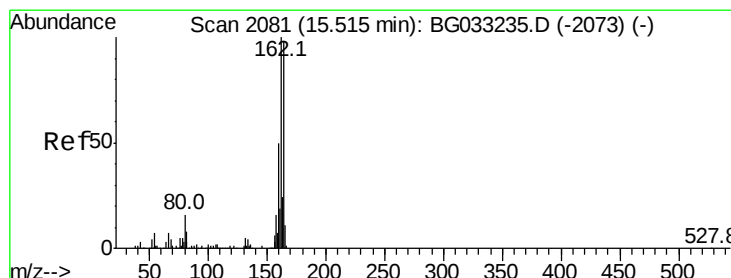
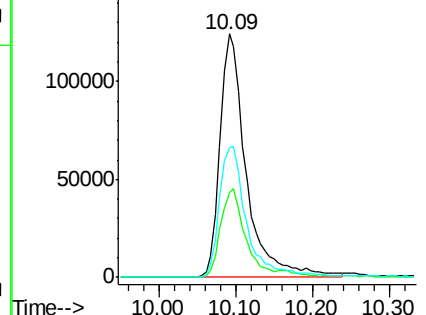
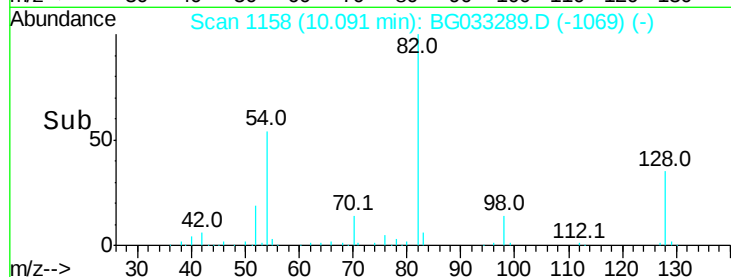
82 100

128 34.7 29.7 44.5

54 53.5 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

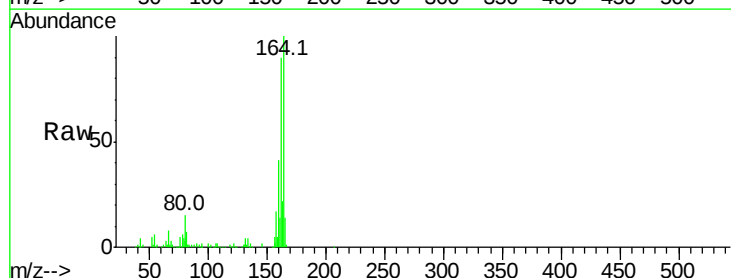
Tgt Ion: 164 Resp: 113774

Ion Ratio Lower Upper

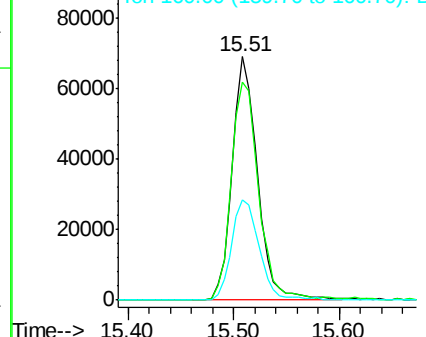
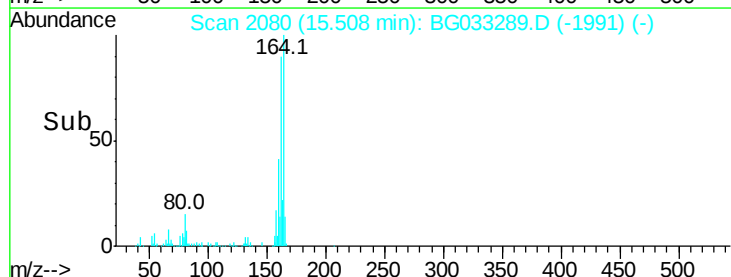
164 100

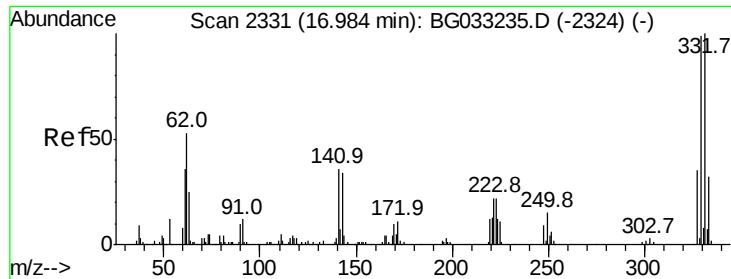
162 89.6 78.8 118.2

160 41.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

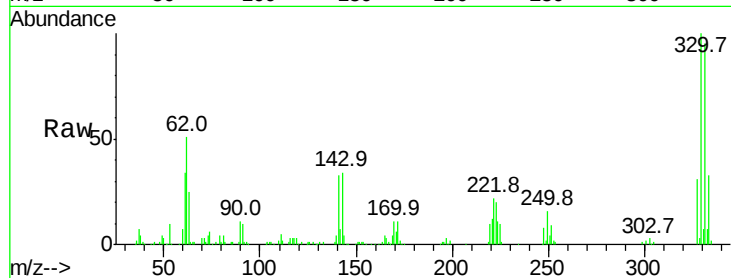




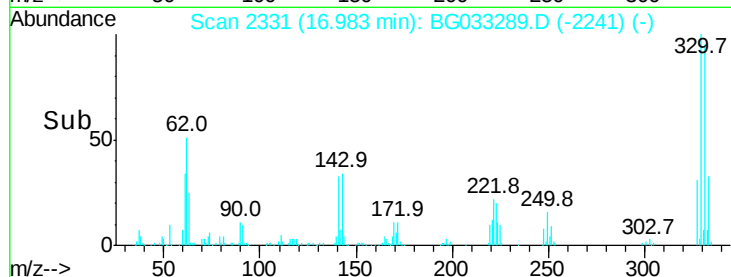
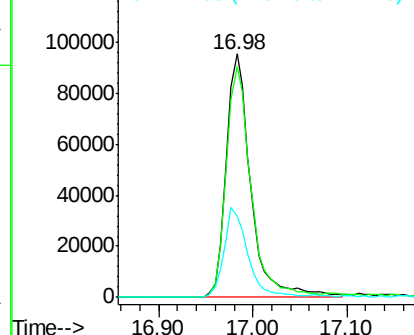
#41
 2,4,6-Tribromophenol
 Concen: 102.424 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 174287
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 35.6 25.2 37.8

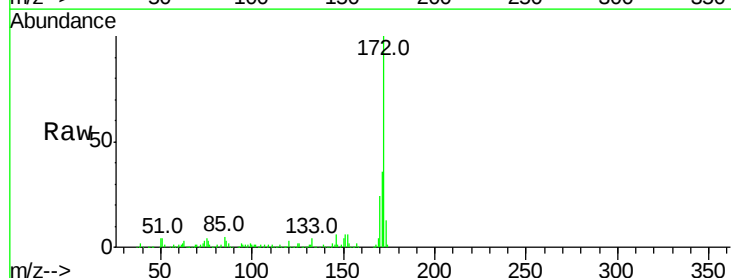


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

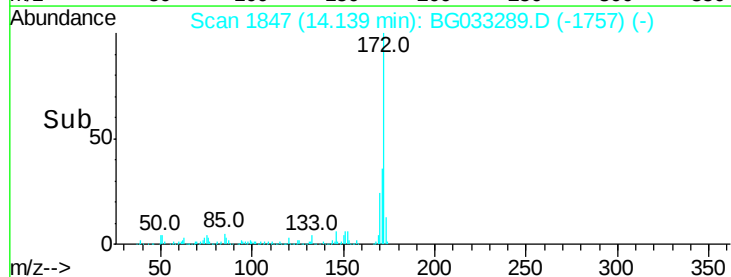
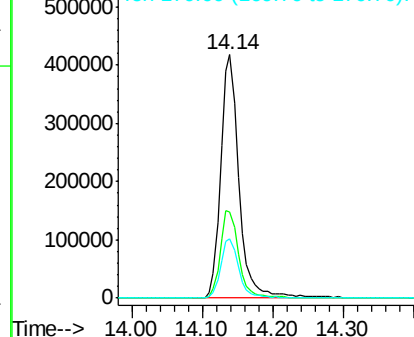


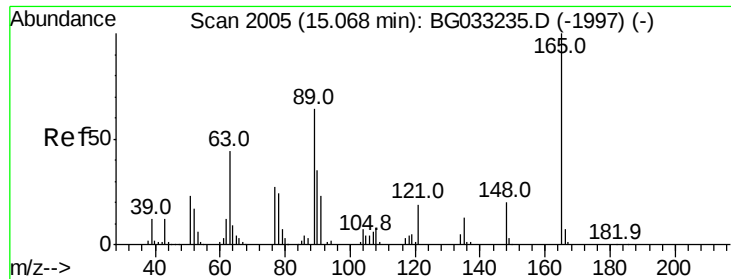
#44
 2-Fluorobiphenyl
 Concen: 95.496 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Tgt Ion:172 Resp: 752610
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.0 45.0
 170 24.3 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

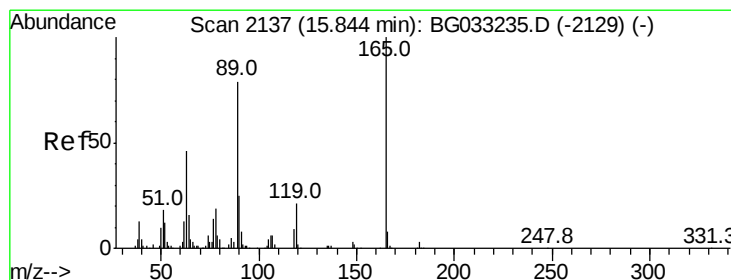
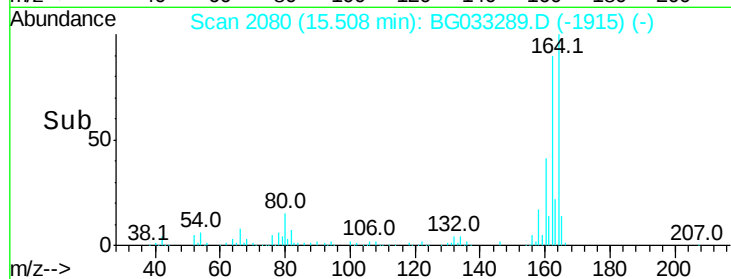
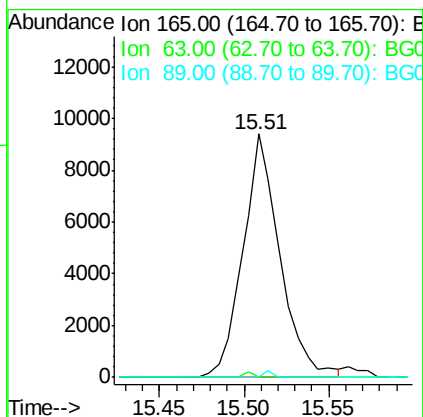
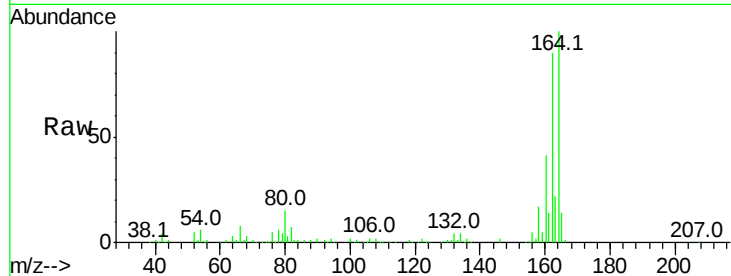




#50
 2,6-Dinitrotoluene
 Concen: 7.043 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

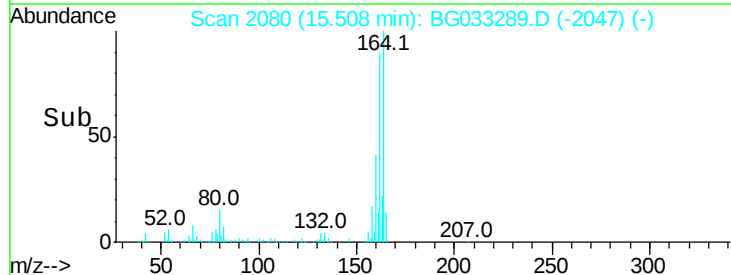
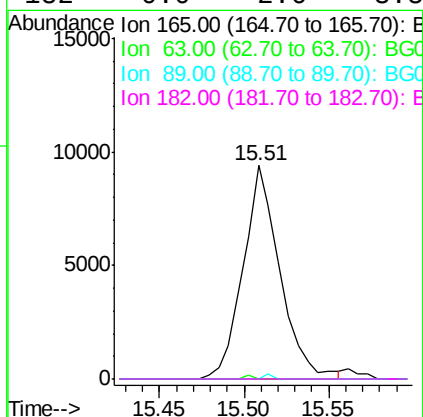
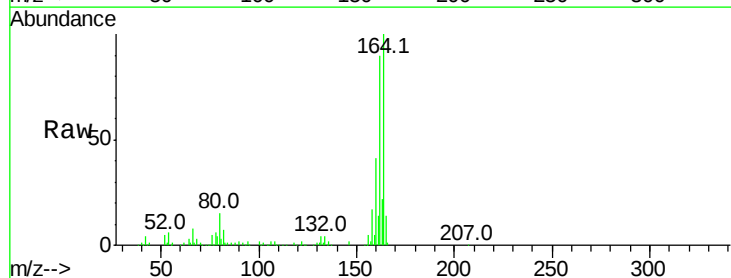
Instrument :
 BNA_G
 ClientSampleId :

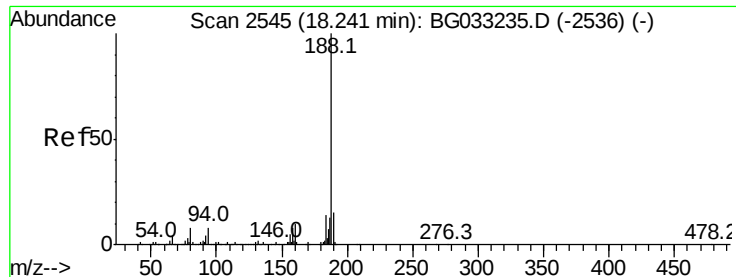
Tot Ion:165 Resp: 14260
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.784 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Tgt Ion:165 Resp: 14260
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampled :

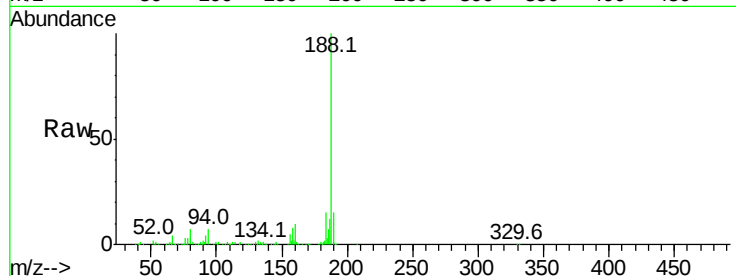
Tot Ion:188 Resp: 314488

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

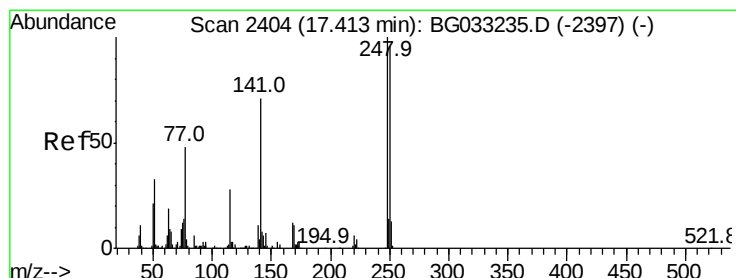
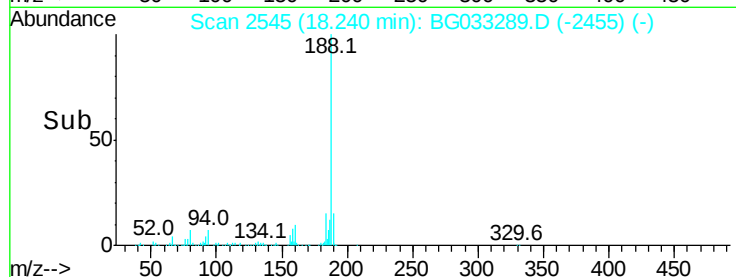
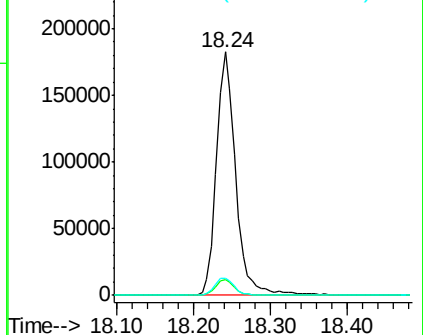
80 6.9 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 3.376 ng

RT: 16.98 min Scan# 2331

Delta R.T. -0.43 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

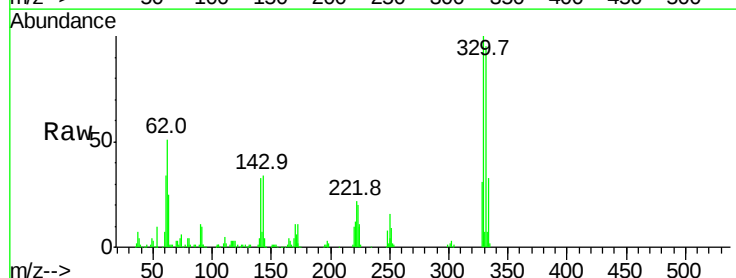
Tgt Ion:248 Resp: 12469

Ion Ratio Lower Upper

248 100

250 205.2 77.1 115.7#

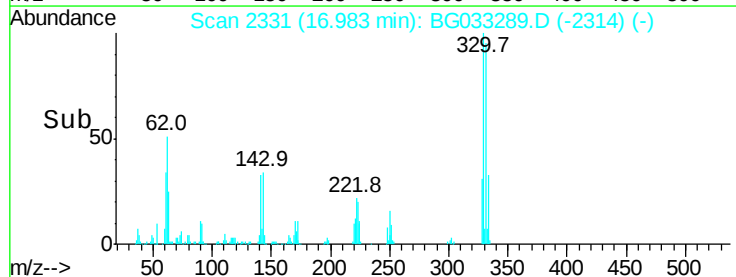
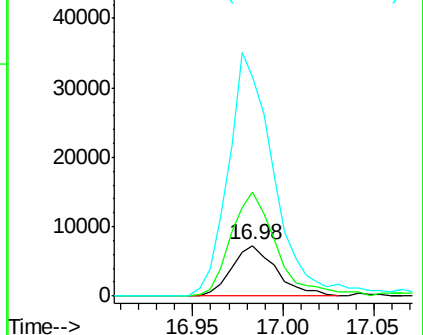
141 431.4 50.8 76.2#

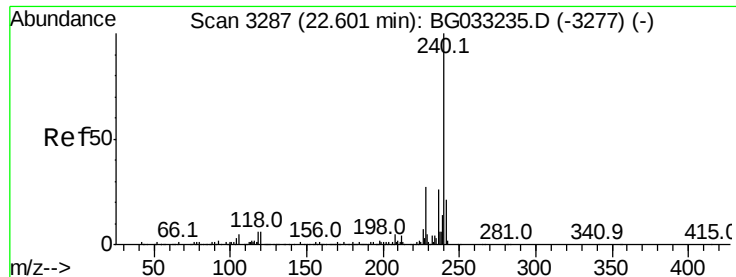


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.60 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

Instrument :

BNA_G

ClientSampled :

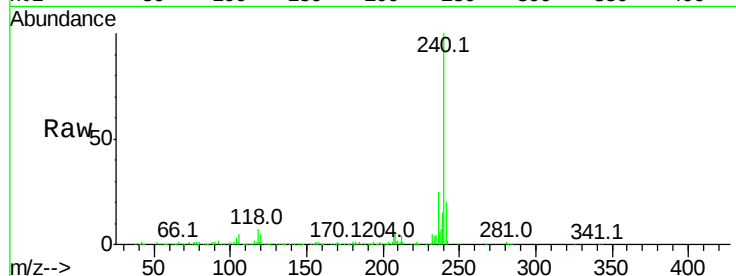
Tot Ion:240 Resp: 334569

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

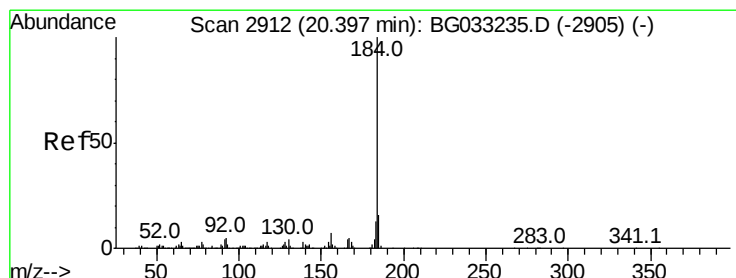
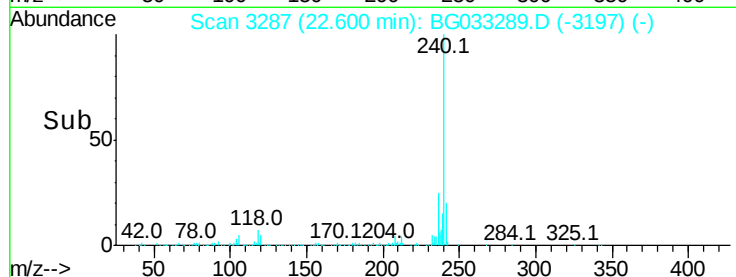
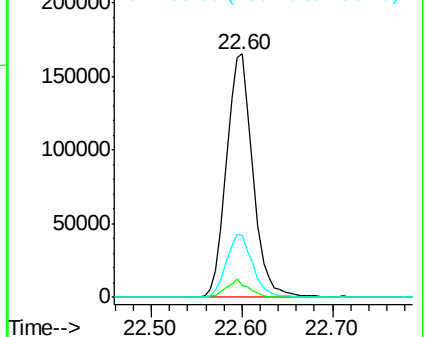
236 25.2 20.9 31.3



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



#76

Benzidine

Concen: 2.675 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033289.D

Acq: 21 Mar 2018 5:50

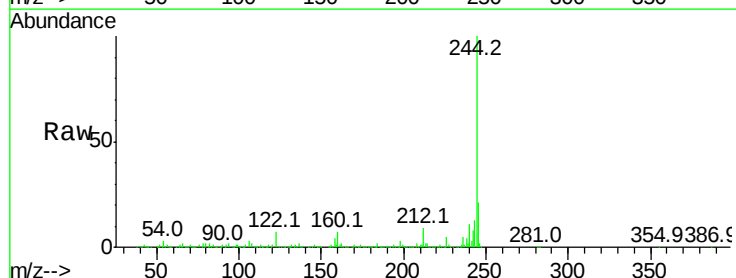
Tgt Ion:184 Resp: 24267

Ion Ratio Lower Upper

184 100

185 22.2 11.1 16.7#

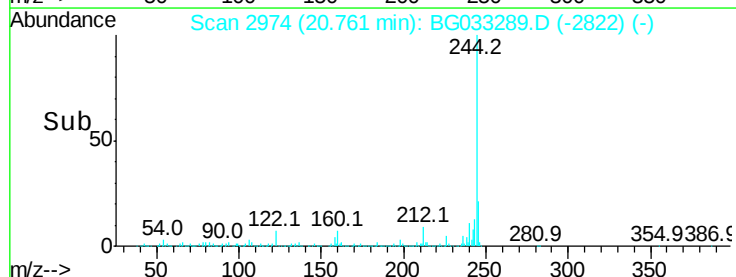
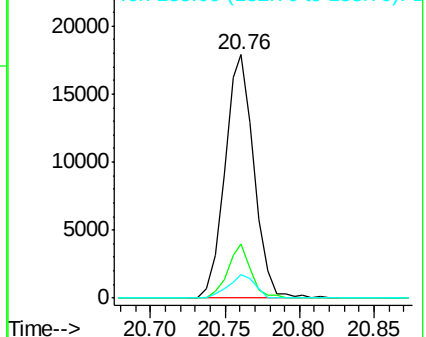
183 9.4 10.6 16.0#

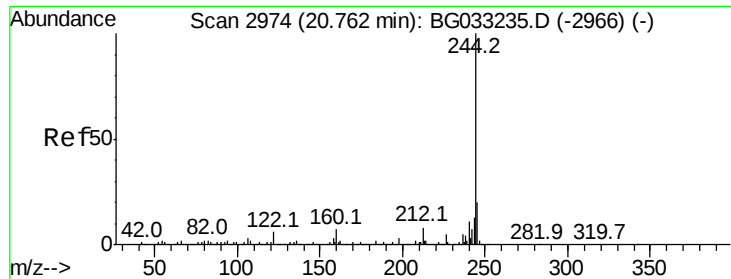


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



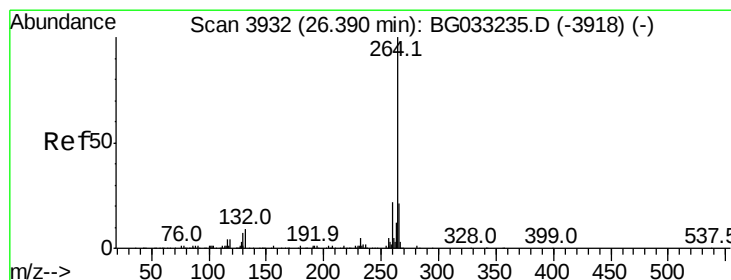
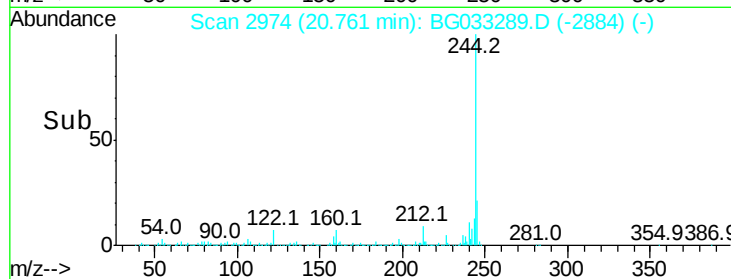
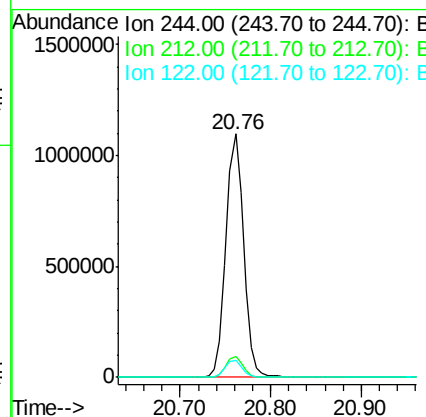
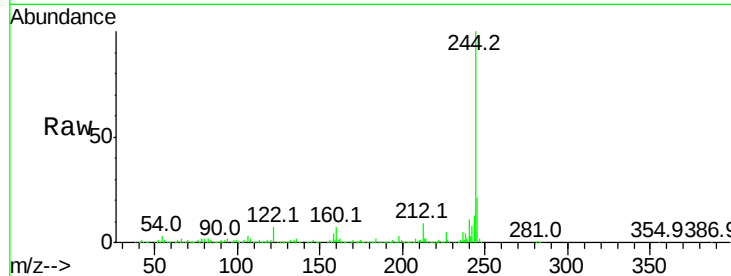


#78
 Terphenyl-d14
 Concen: 94.791 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.00 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1482935

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: BG033289.D
 Acq: 21 Mar 2018 5:50

Tgt Ion:264 Resp: 341615

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.0	17.7	26.5

