

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033282.D
 Acq On : 21 Mar 2018 1:27
 Operator : SJ/JU
 Sample : J1963-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 03:29:24 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

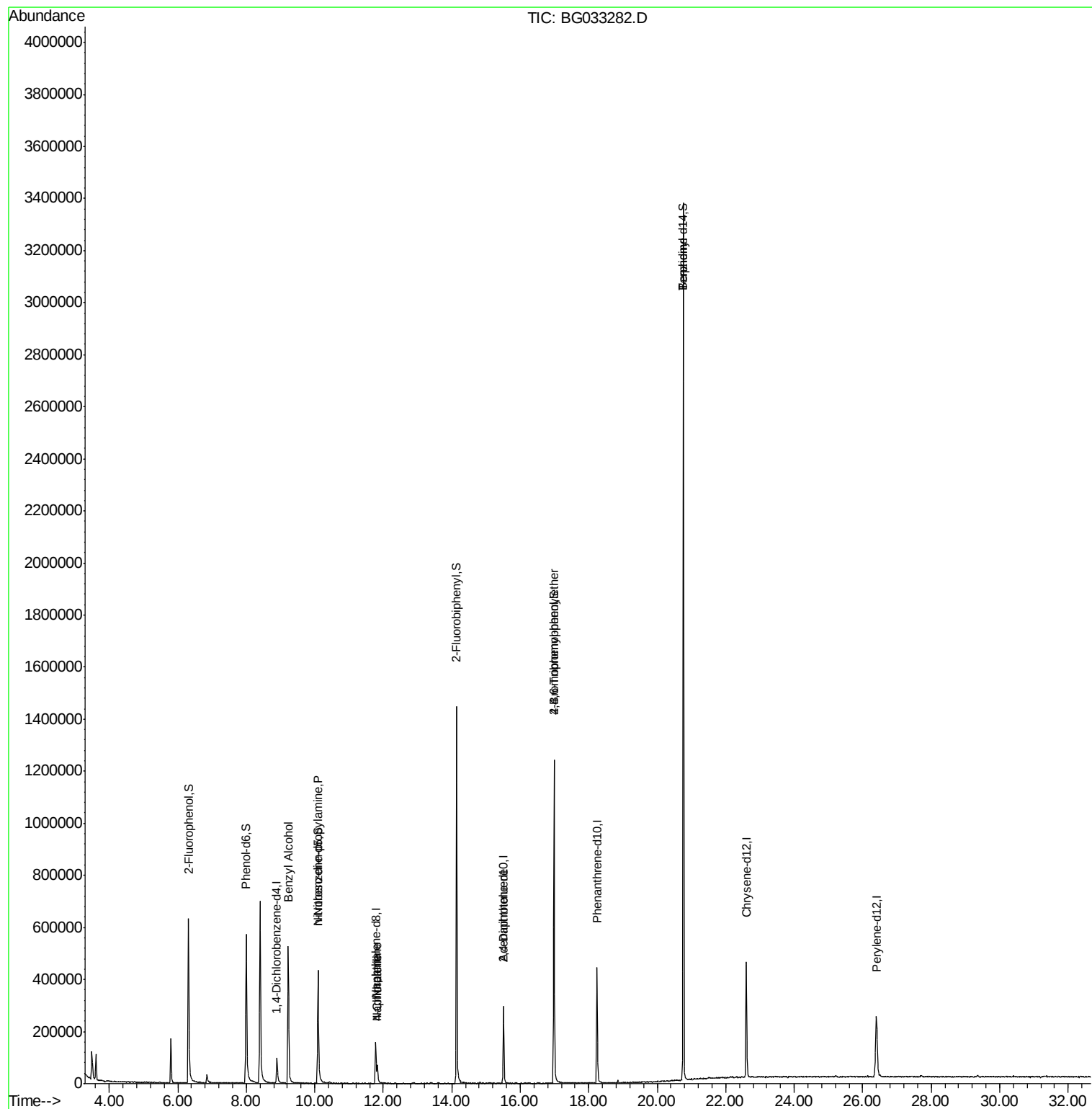
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35869	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155061	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	116828	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	319250	20.00	ng	0.00
75) Chrysene-d12	22.60	240	328064	20.00	ng	0.00
86) Perylene-d12	26.40	264	338331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	316495	165.45	ng	0.00
7) Phenol-d6	8.00	99	428255	130.30	ng	0.00
23) Nitrobenzene-d5	10.10	82	346039	102.53	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	251405	143.88	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	823166	101.72	ng	0.00
78) Terphenyl-d14	20.76	244	1612502	105.12	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.23	79	5744	2.220	ng	# 46
19) n-Nitroso-di-n-propylamine	10.09	70	46700	19.390	ng	# 74
31) Naphthalene	11.83	128	63406	7.891	ng	# 95
33) 4-Chloroaniline	11.83	127	8794	2.443	ng	# 24
56) 2,4-Dinitrotoluene	15.51	165	15311	5.002	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	18636	4.971	ng	# 1
76) Benzidine	20.76	184	26810	3.014	ng	# 93

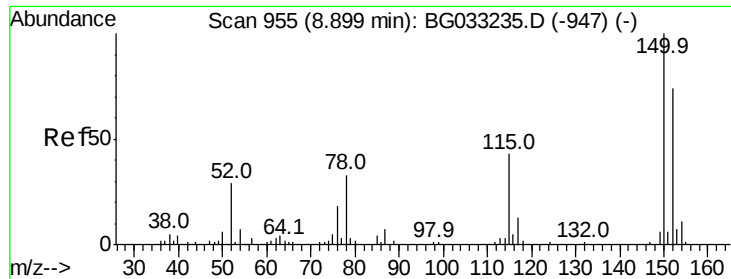
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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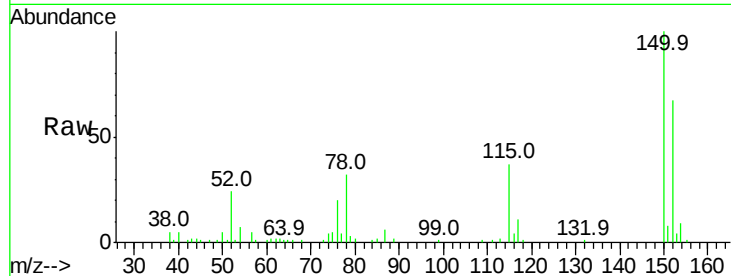


#1

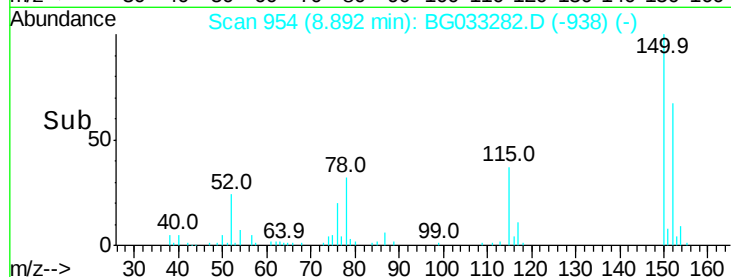
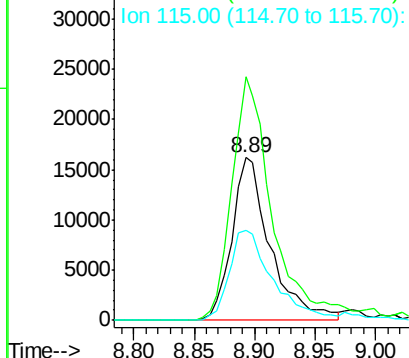
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	55.2	53.0	79.4



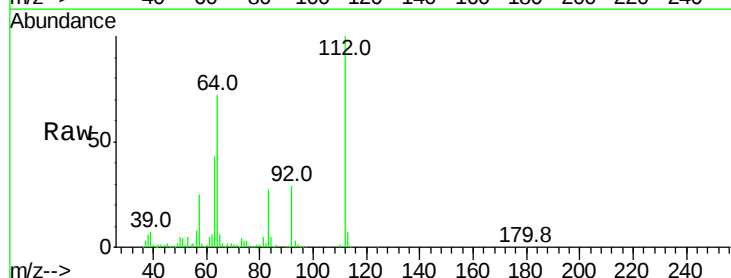
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



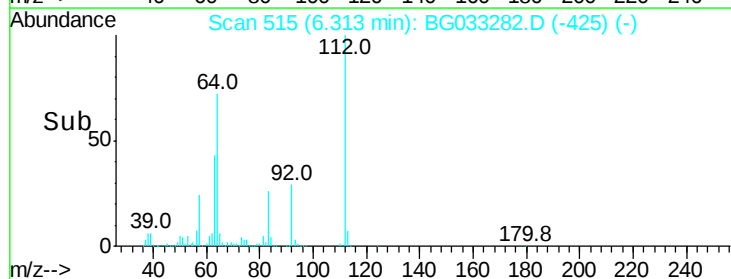
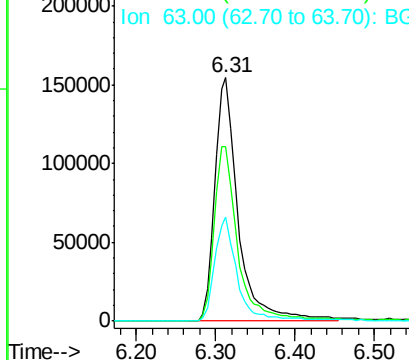
#5

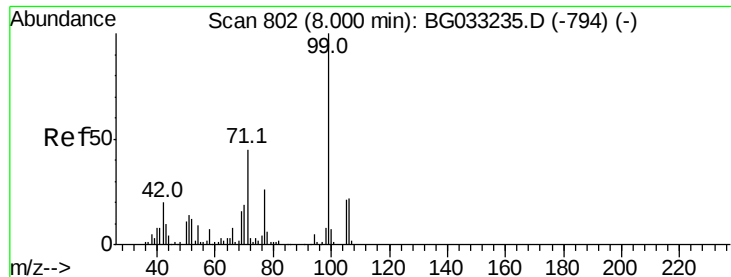
2-Fluorophenol
Concen: 165.454 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.3	84.5
63	42.6	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: 130.298 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :

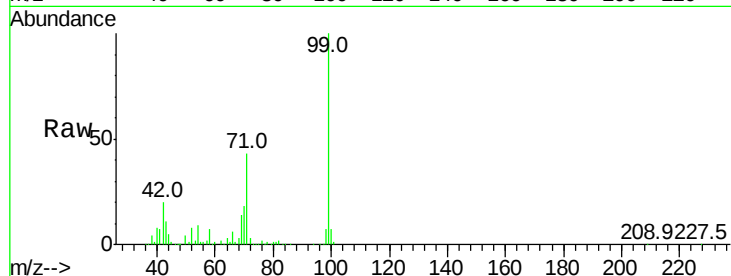
Tot Ion: 99 Resp: 428255

Ion Ratio Lower Upper

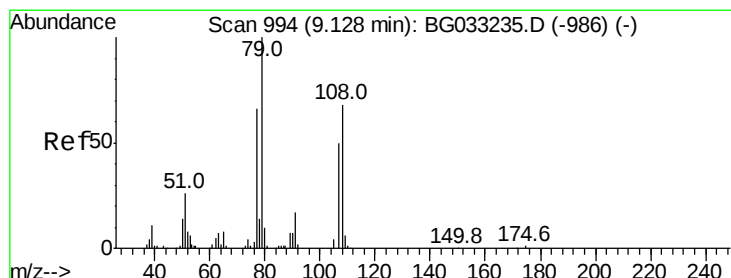
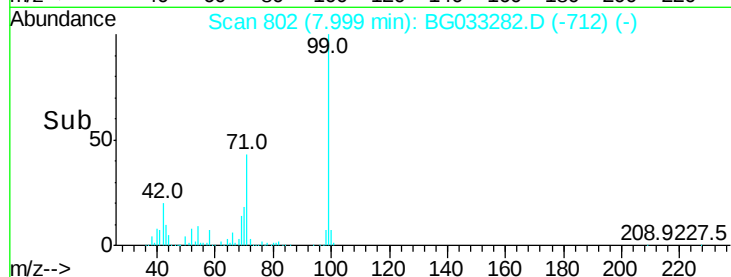
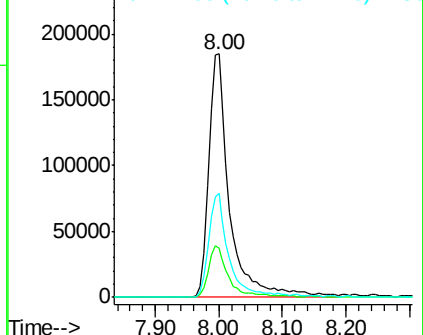
99 100

42 20.1 14.1 21.1

71 42.8 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: 2.220 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.10 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

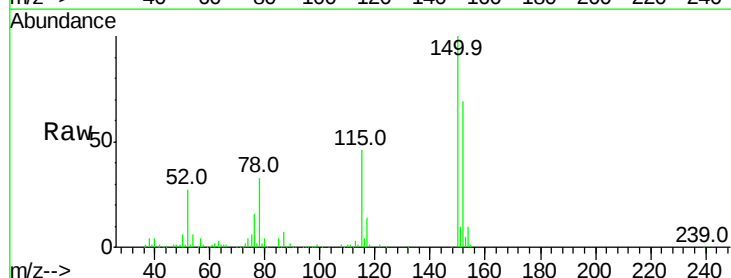
Tgt Ion: 79 Resp: 5744

Ion Ratio Lower Upper

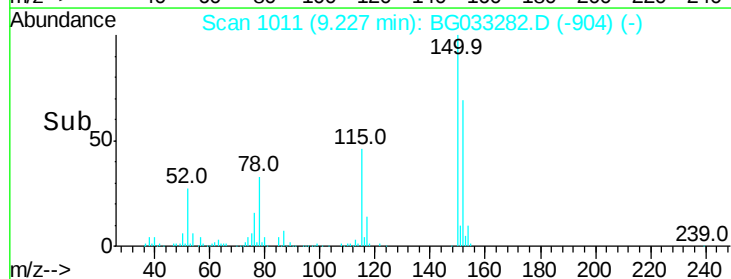
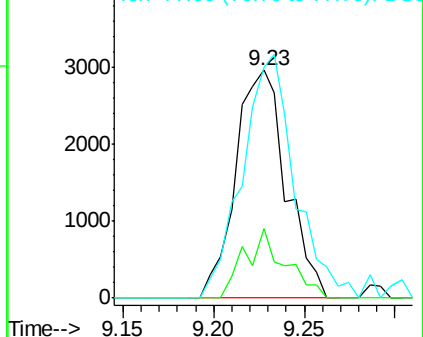
79 100

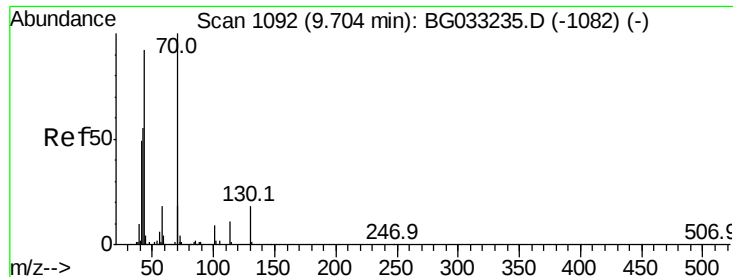
108 30.7 57.2 85.8#

77 101.3 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

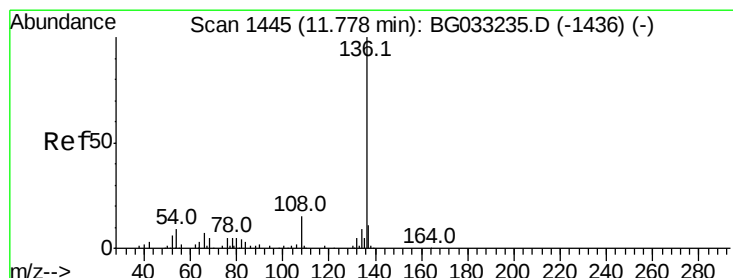
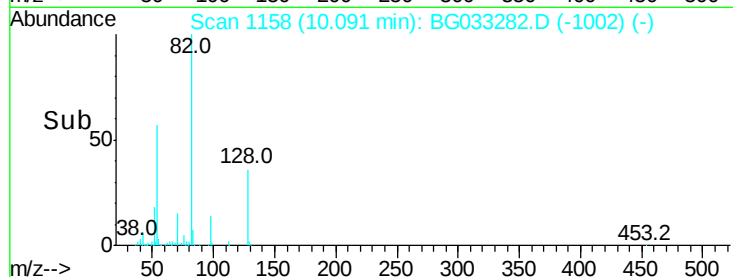
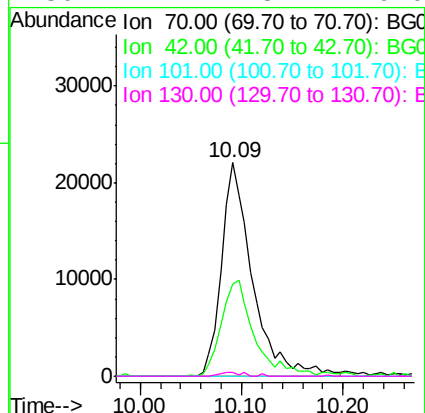
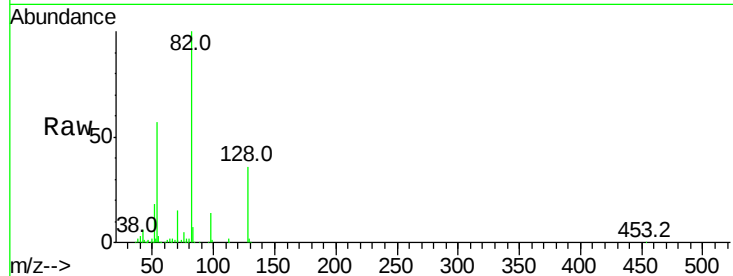




#19
n-Nitroso-di-n-propylamine
Concen: 19.390 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

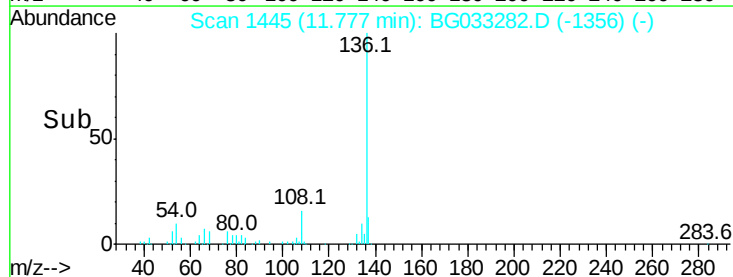
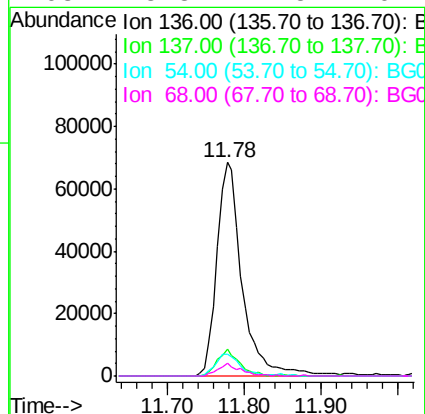
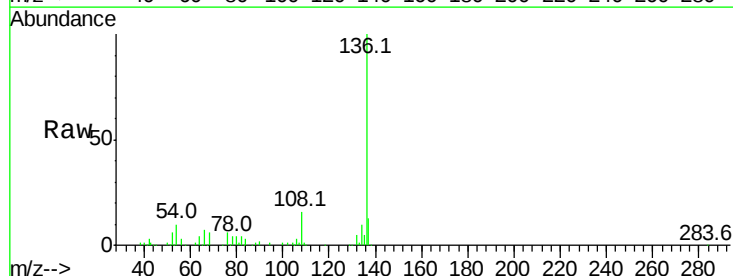
Instrument :
BNA_G
ClientSampleId :

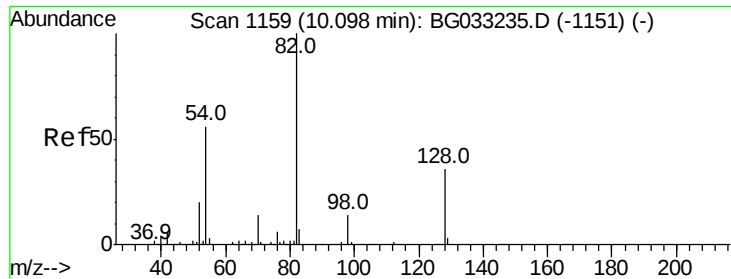
Tot Ion: 70 Resp: 46700
Ion Ratio Lower Upper
70 100
42 43.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Tgt Ion: 136 Resp: 155061
Ion Ratio Lower Upper
136 100
137 12.5 9.2 13.8
54 10.1 10.3 15.5#
68 5.8 4.5 6.7

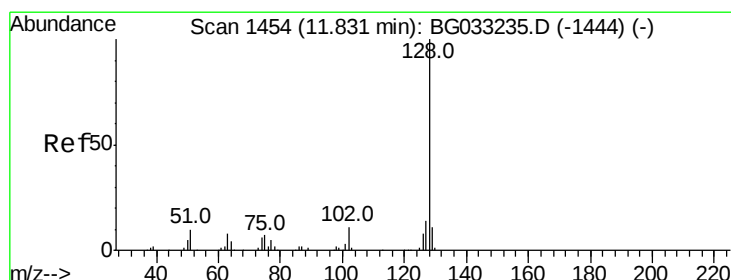
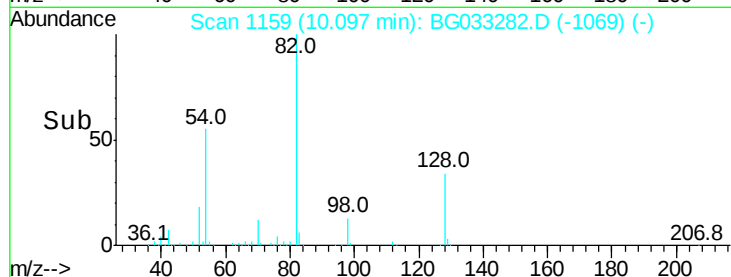
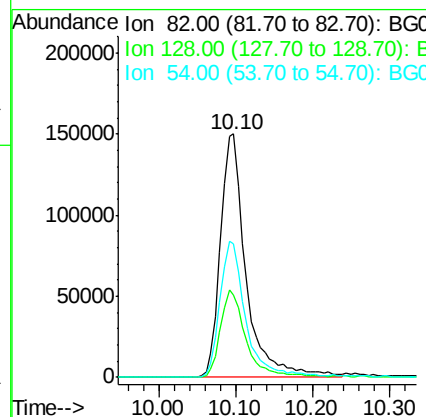
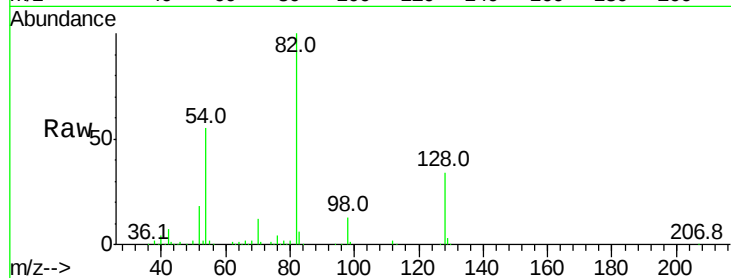




#23
 Nitrobenzene-d5
 Concen: 102.530 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

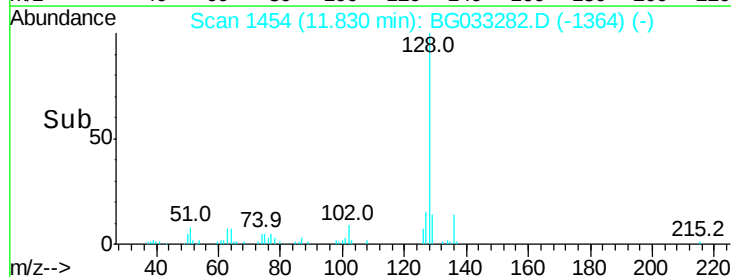
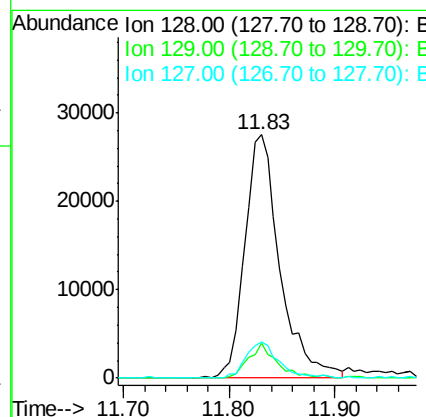
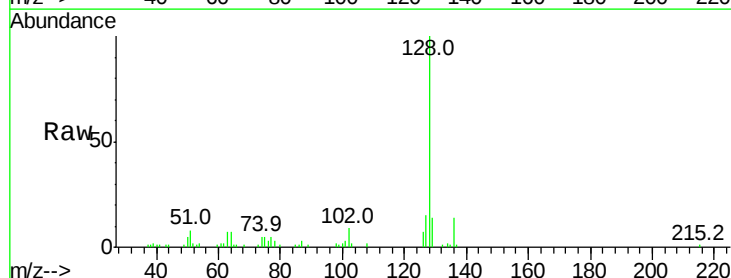
Instrument :
 BNA_G
 ClientSampleId :

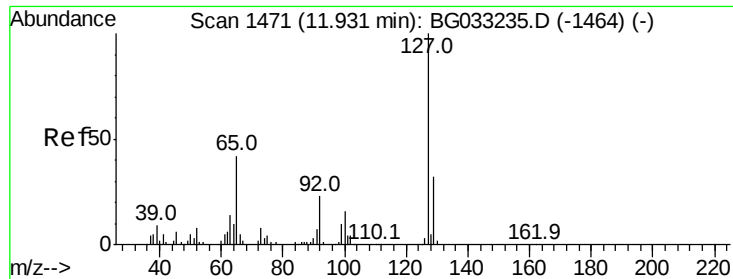
Tot Ion	82	Resp	346039
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	54.9	43.1	64.7



#31
 Naphthalene
 Concen: 7.891 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Tgt Ion	128	Resp	63406
Ion	Ratio	Lower	Upper
128	100		
129	14.4	8.6	12.8#
127	14.7	11.6	17.4

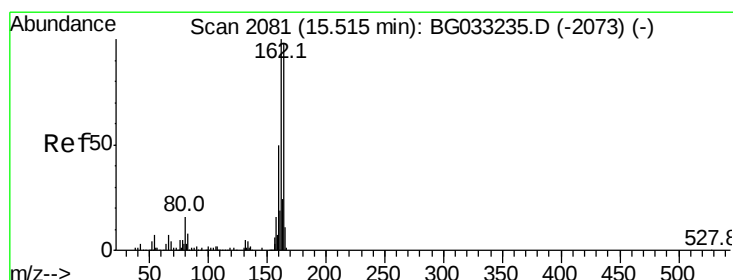
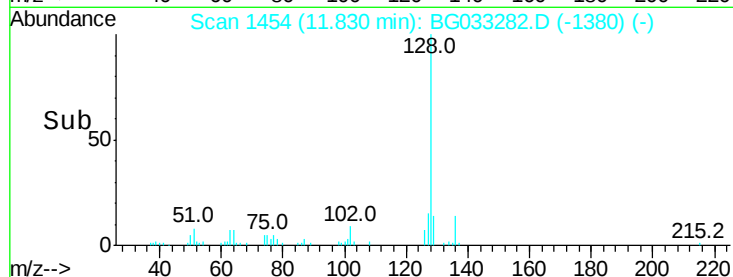
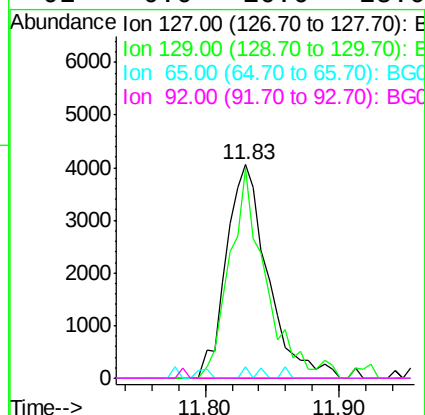
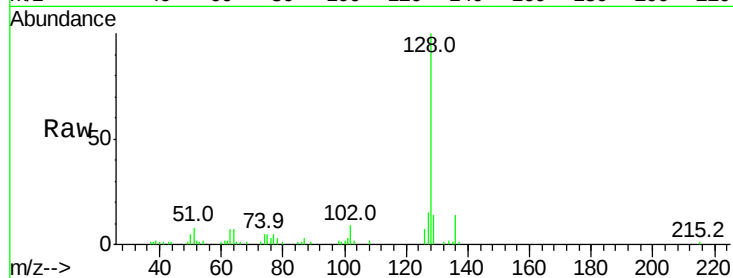




#33
 4-Chloroaniline
 Concen: 2.443 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.09 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

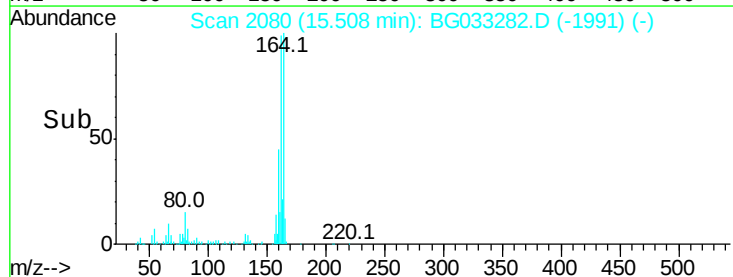
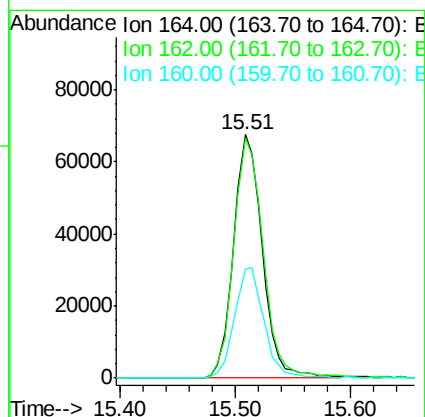
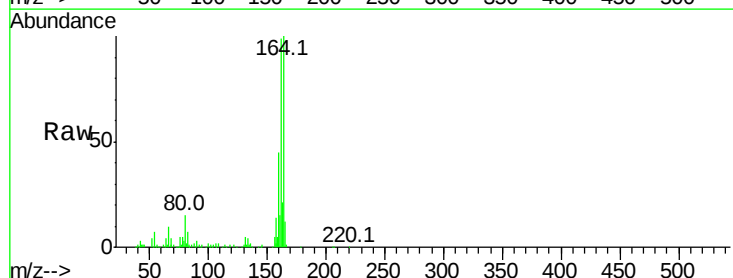
Instrument :
 BNA_G
 ClientSampleId :

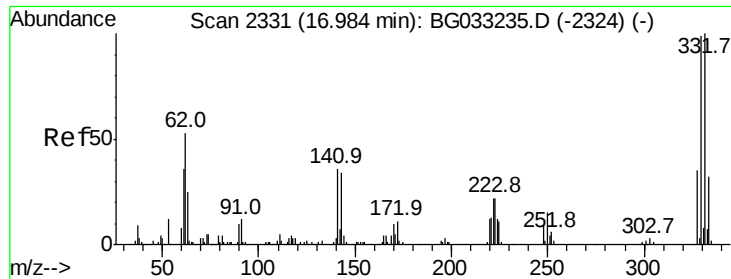
Tot Ion	Ratio	Lower	Upper
127	100		
129	98.0	24.0	36.0#
65	5.1	27.0	40.4#
92	0.0	16.6	25.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.8	118.2
160	44.8	35.4	53.0

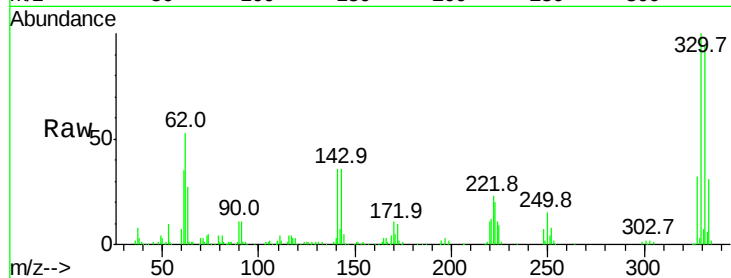




#41
 2,4,6-Tribromophenol
 Concen: 143.882 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.4	25.2	37.8

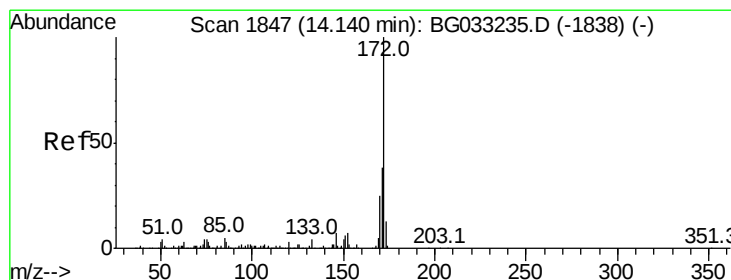
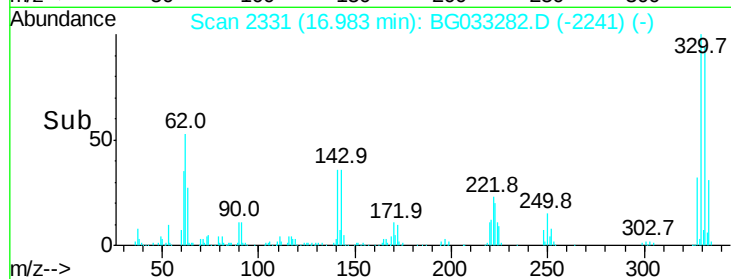
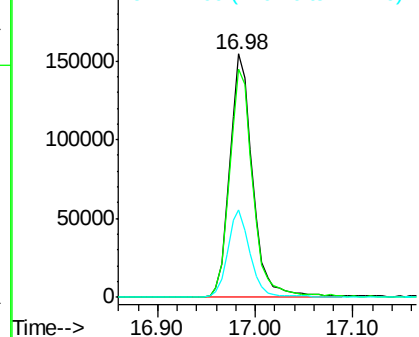


Abundance

Ion 329.80 (329.50 to 330.50): E

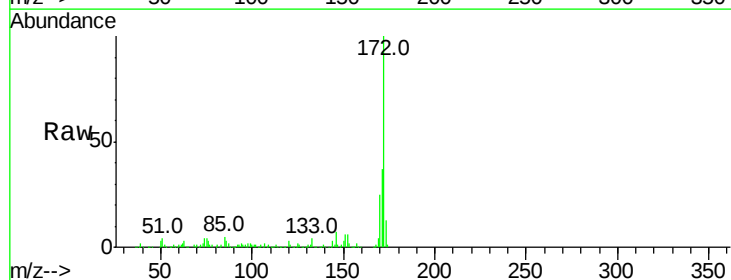
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.718 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033282.D
 Acq: 21 Mar 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.2	19.5	29.3

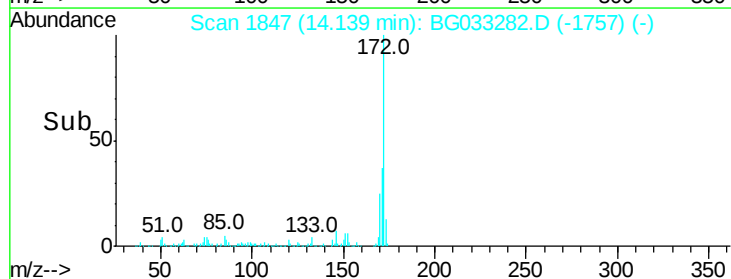
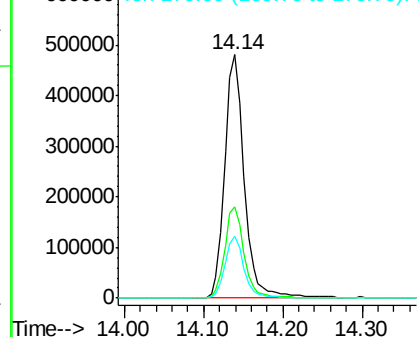


Abundance

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





#56

2,4-Dinitrotoluene

Concen: 5.002 ng

RT: 15.51 min Scan# 2081

Delta R.T. -0.33 min

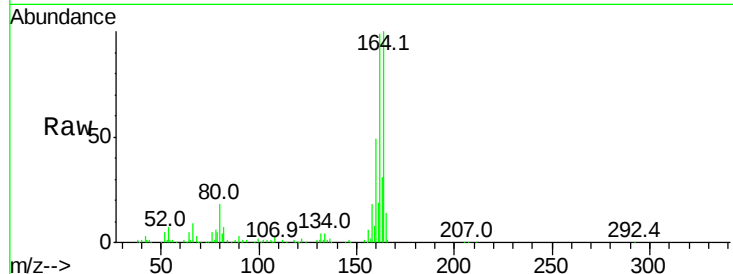
Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :



Tot Ion:165 Resp: 15311

Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 1.8 66.9 100.3#

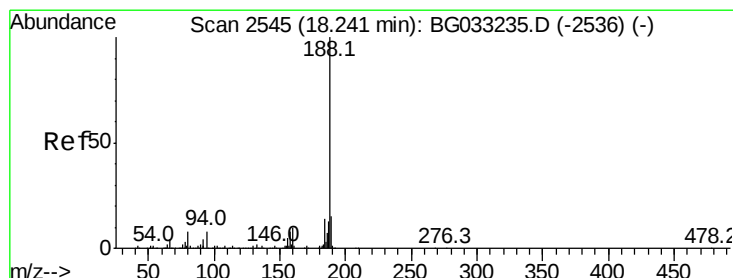
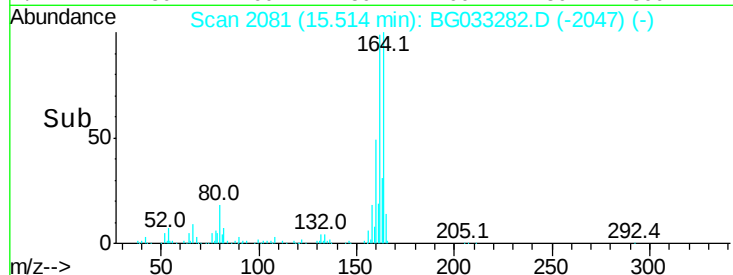
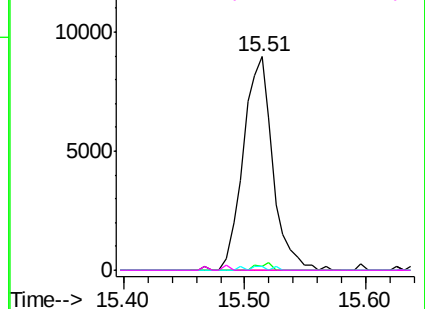
182 0.0 2.6 3.8#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. -0.00 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

Tgt Ion:188 Resp: 319250

Ion Ratio Lower Upper

188 100

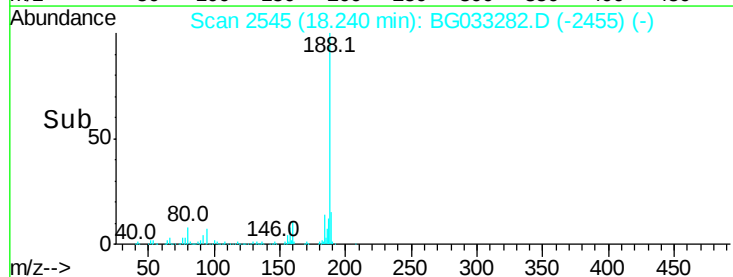
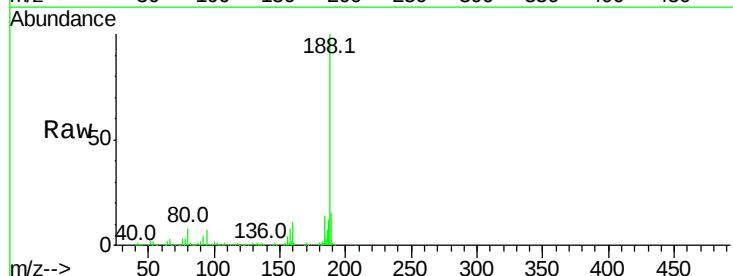
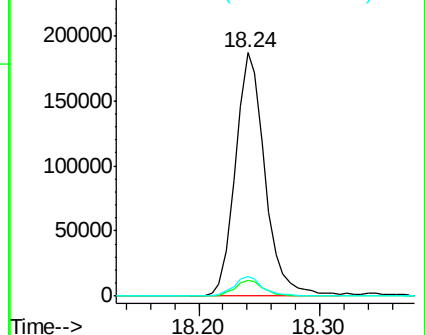
94 6.6 6.9 10.3#

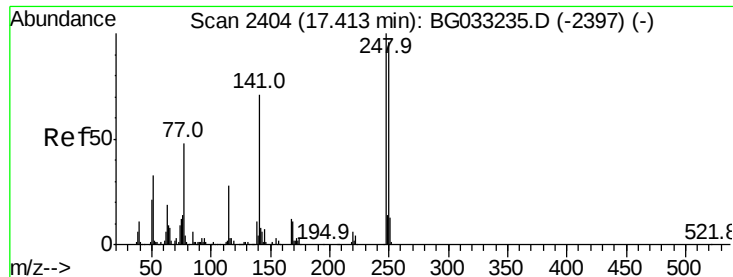
80 7.8 7.7 11.5

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

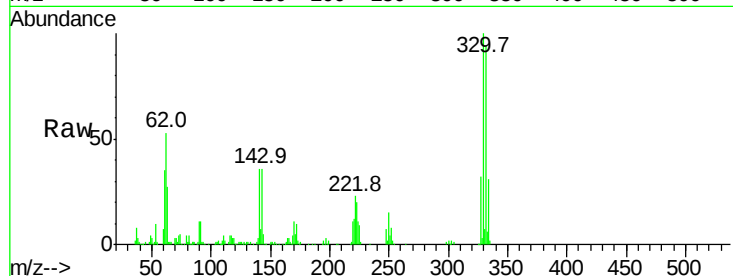




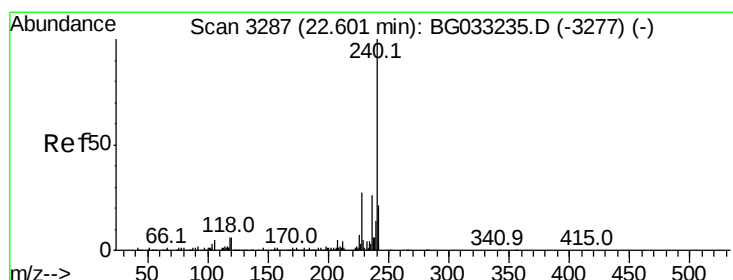
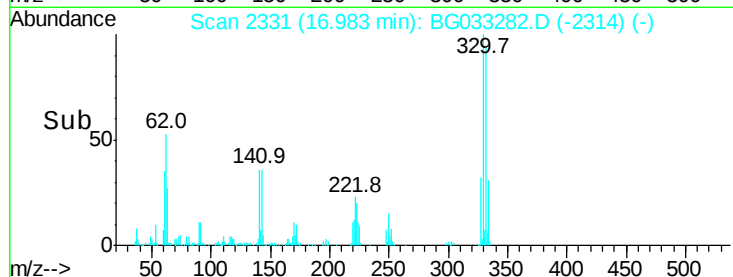
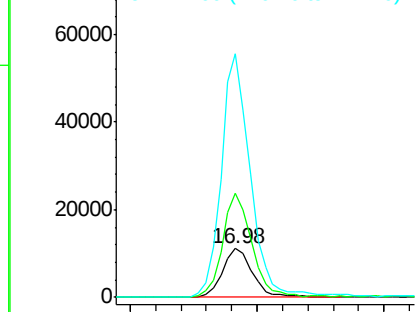
#66
4-Bromophenyl-phenylether
Concen: 4.971 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 18636
Ion Ratio Lower Upper
248 100
250 213.0 77.1 115.7#
141 499.3 50.8 76.2#

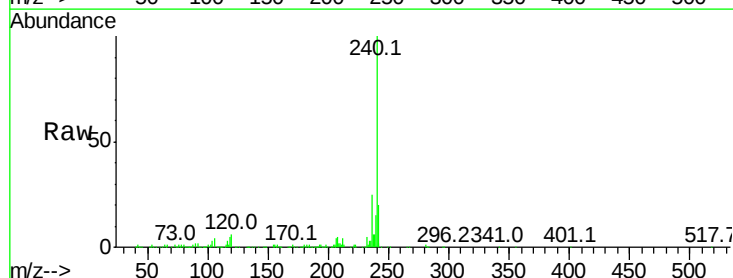


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

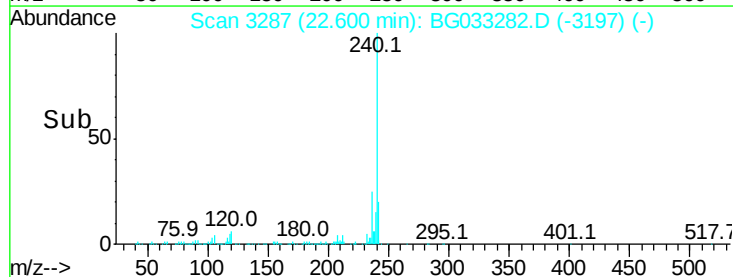
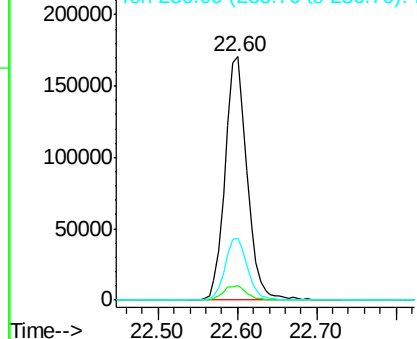


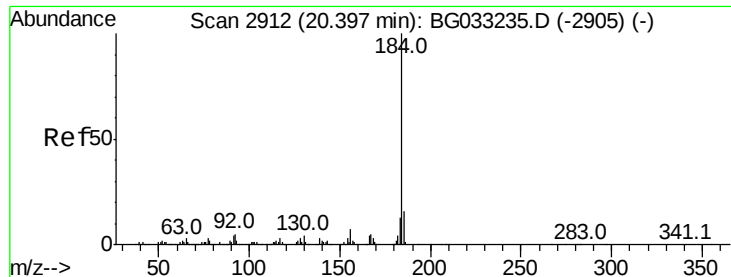
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Tgt Ion:240 Resp: 328064
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.4 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





#76

Benzidine

Concen: 3.014 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.36 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

Instrument :

BNA_G

ClientSampleId :

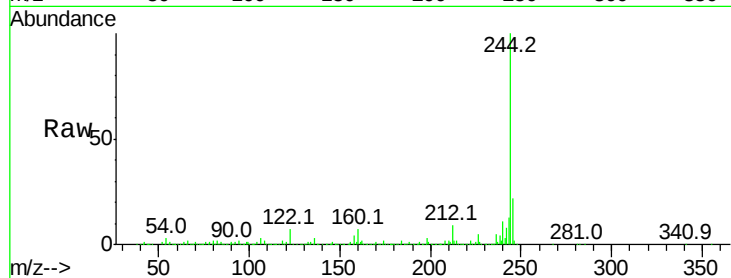
Tot Ion:184 Resp: 26810

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

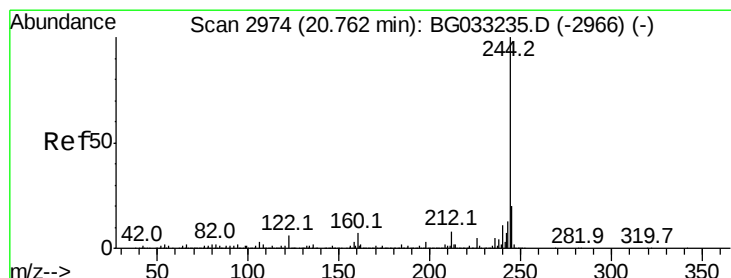
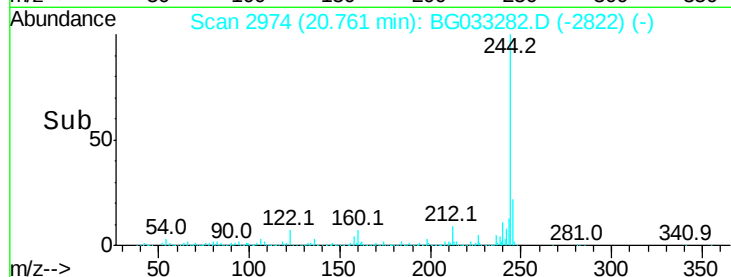
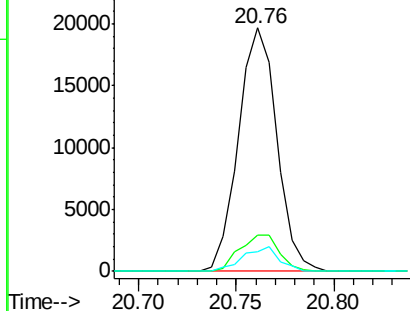
183 8.3 10.6 16.0#



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: 105.117 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG033282.D

Acq: 21 Mar 2018 1:27

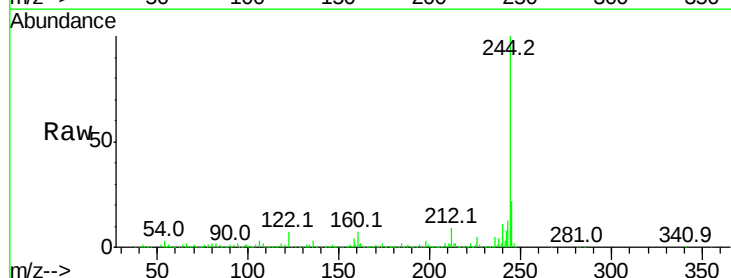
Tgt Ion:244 Resp: 1612502

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

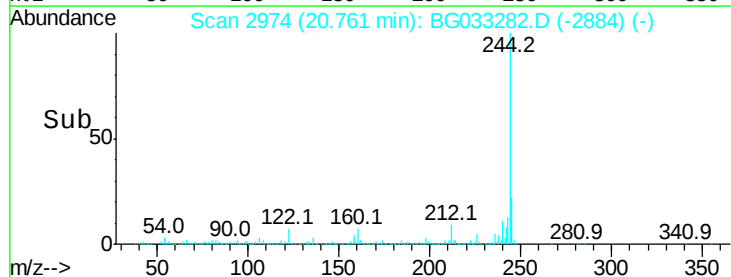
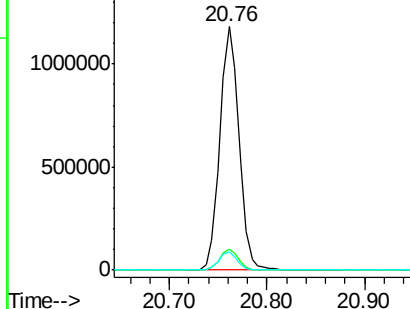
122 7.3 7.0 10.4

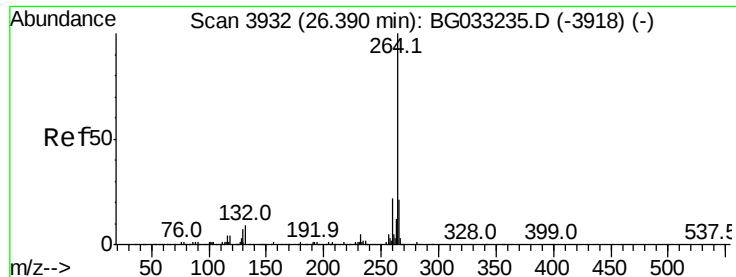


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.40 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BG033282.D
Acq: 21 Mar 2018 1:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.1	17.7	26.5

