

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033437.D
 Acq On : 30 Mar 2018 1:51
 Operator : SJ/JU
 Sample : J2100-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 07:42:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

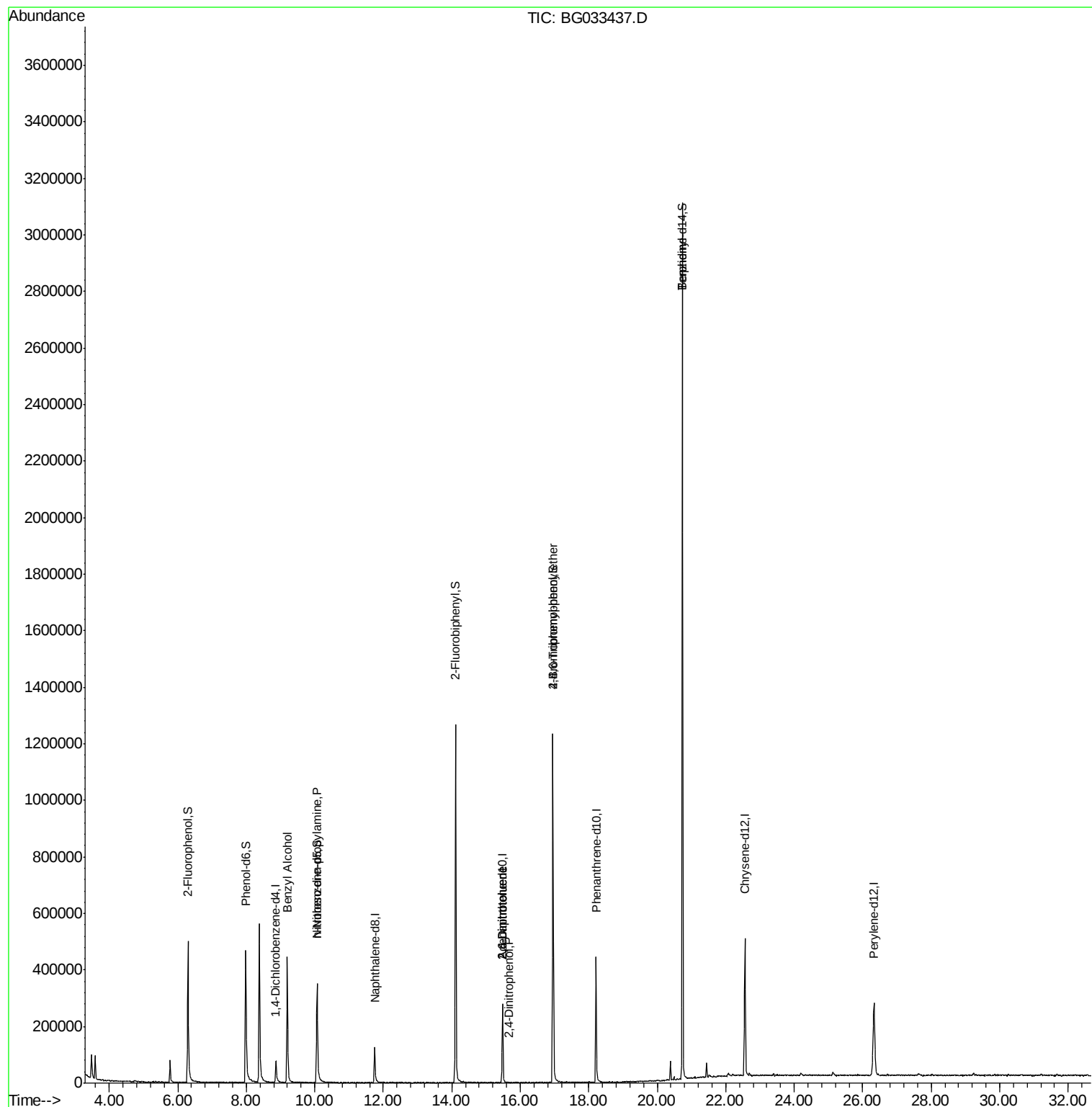
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	29730	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	131882	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	106503	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316423	20.00	ng	0.00
75) Chrysene-d12	22.56	240	341519	20.00	ng	0.00
86) Perylene-d12	26.33	264	365006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	243559	153.62	ng	0.00
7) Phenol-d6	7.98	99	345097	126.68	ng	0.00
23) Nitrobenzene-d5	10.07	82	277182	96.56	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	254929	160.04	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	705243	95.59	ng	0.00
78) Terphenyl-d14	20.74	244	1566502	98.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4298	2.004	ng	# 61
19) n-Nitroso-di-n-propylamine	10.07	70	38690	19.382	ng	# 74
50) 2,6-Dinitrotoluene	15.49	165	14376	7.586	ng	# 23
53) 2,4-Dinitrophenol	15.67	184	143	7.775	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	14375	5.151	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	20062	5.399	ng	# 1
76) Benizidine	20.74	184	26917	2.906	ng	# 90

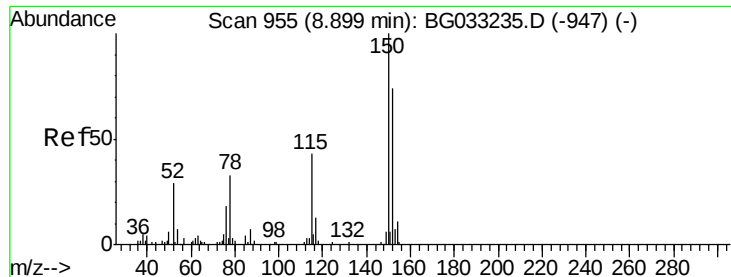
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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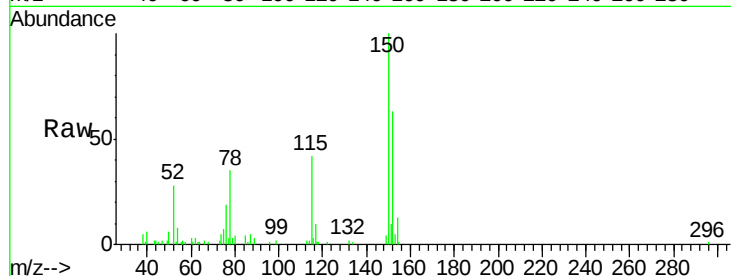


#1

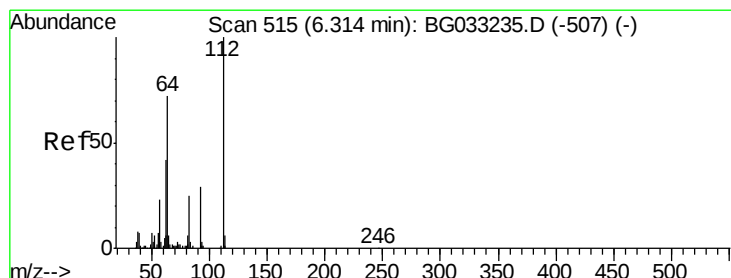
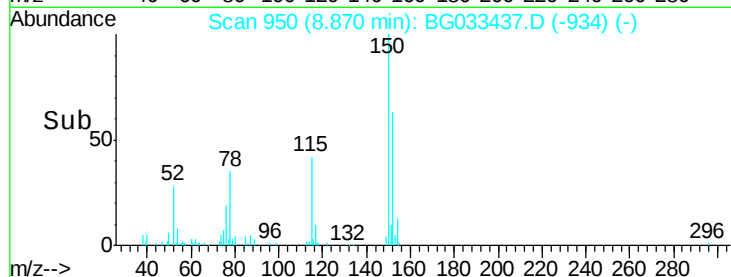
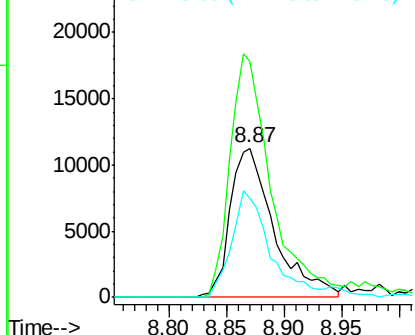
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	66.0	53.0	79.4



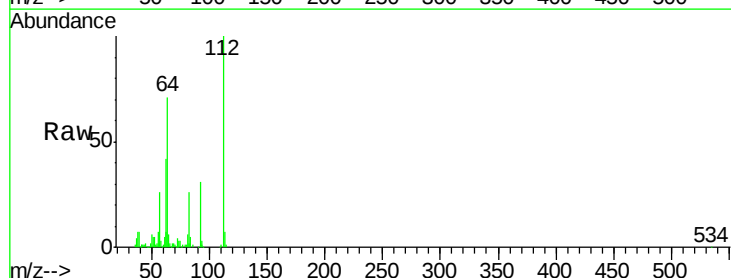
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



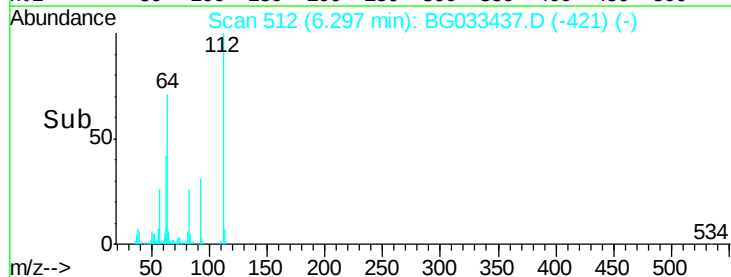
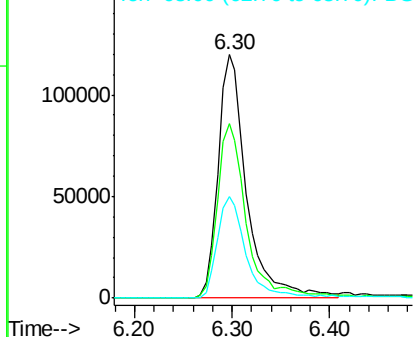
#5

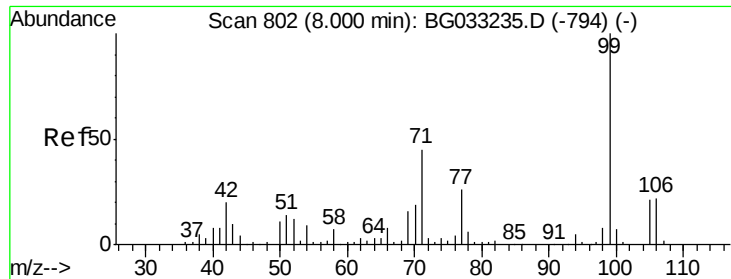
2-Fluorophenol
Concen: 153.617 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.3	84.5
63	41.5	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: 126.678 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

Instrument :

BNA_G

ClientSampleId :

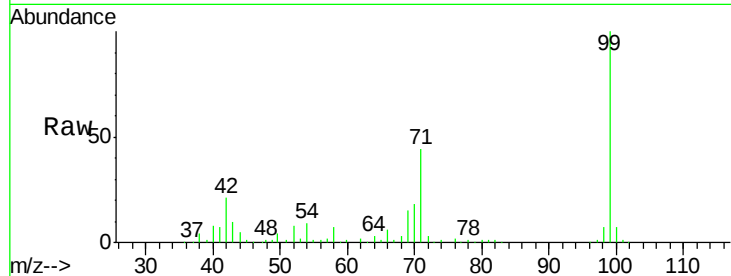
Tot Ion: 99 Resp: 345097

Ion Ratio Lower Upper

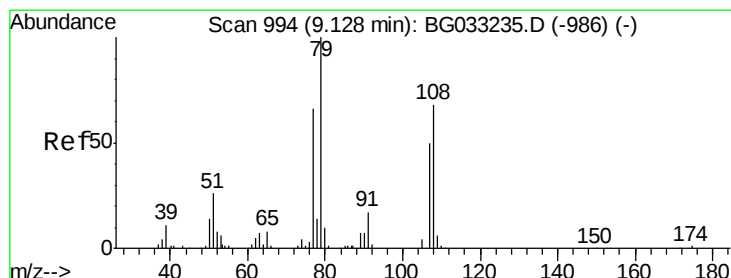
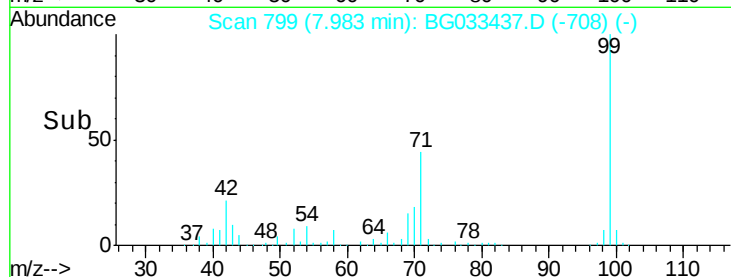
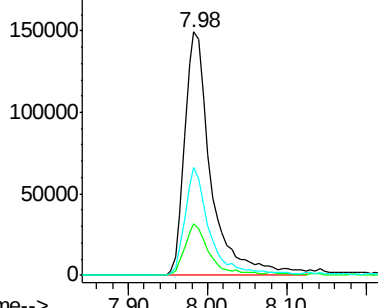
99 100

42 21.4 14.1 21.1#

71 44.1 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: 2.004 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

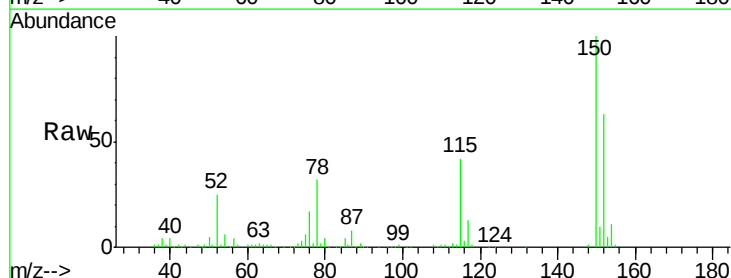
Tgt Ion: 79 Resp: 4298

Ion Ratio Lower Upper

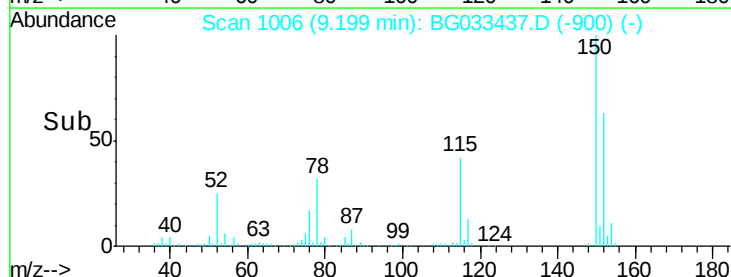
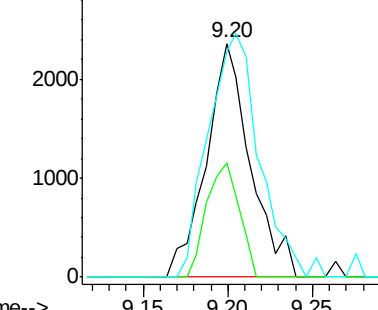
79 100

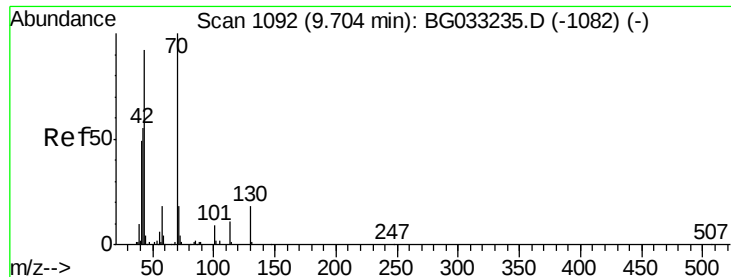
108 48.8 57.2 85.8#

77 96.7 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

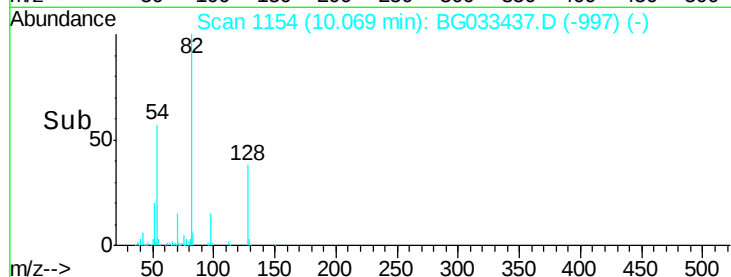
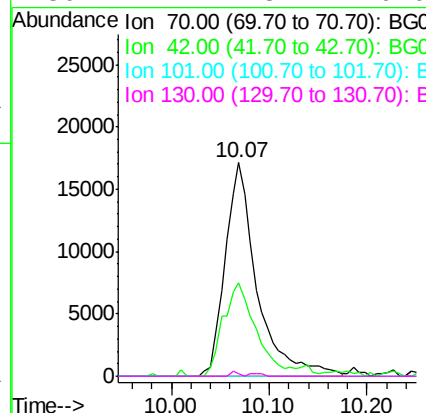
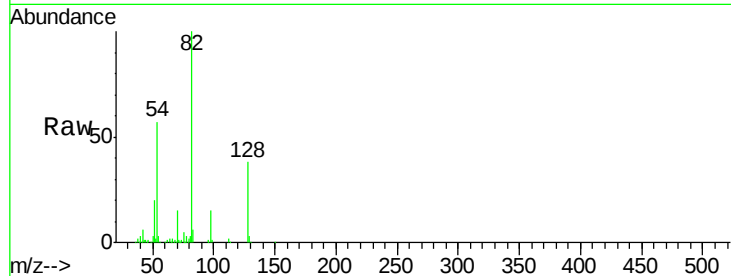




#19
n-Nitroso-di-n-propylamine
Concen: 19.382 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

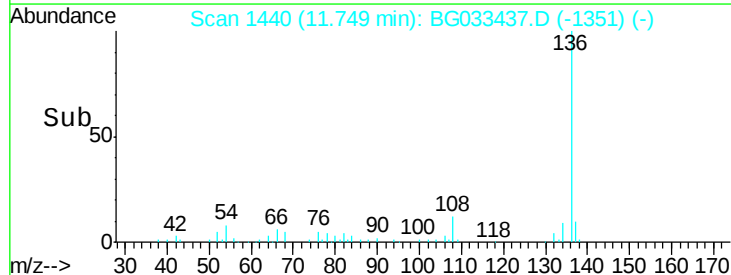
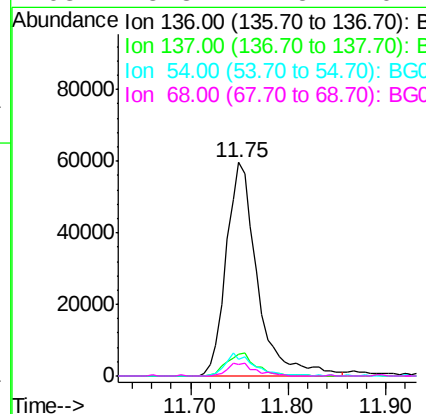
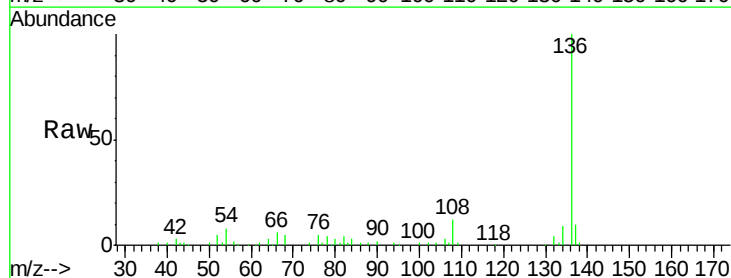
Instrument :
BNA_G
ClientSampleId :

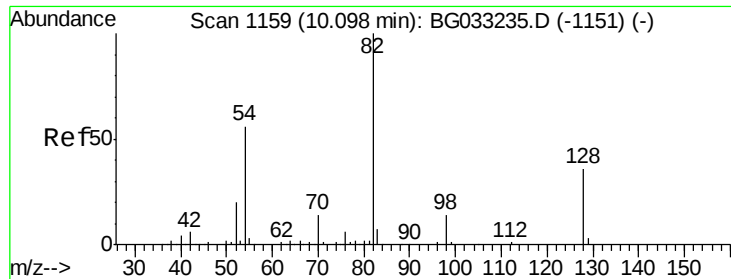
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.0	10.3	15.5#
68	5.3	4.5	6.7

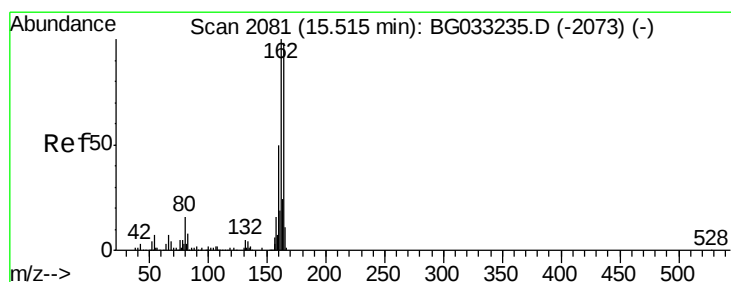
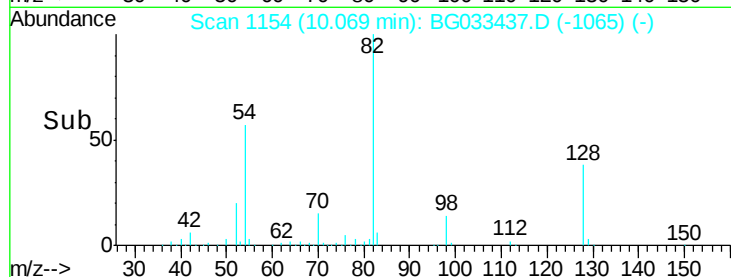
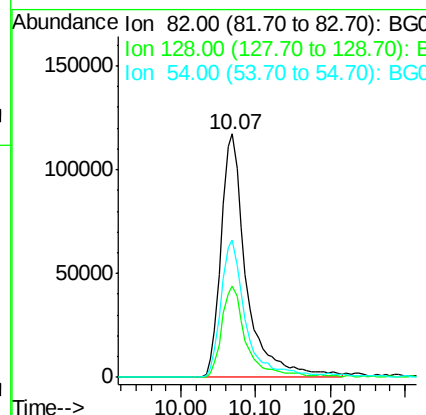
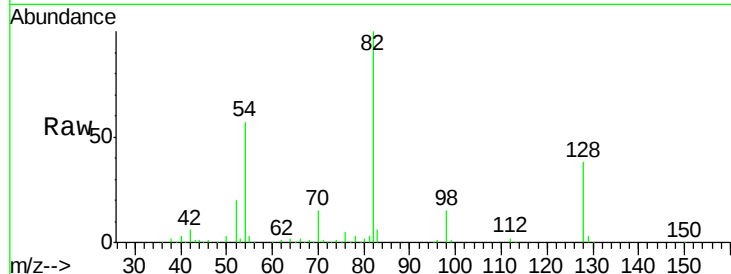




#23
Nitrobenzene-d5
Concen: 96.563 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

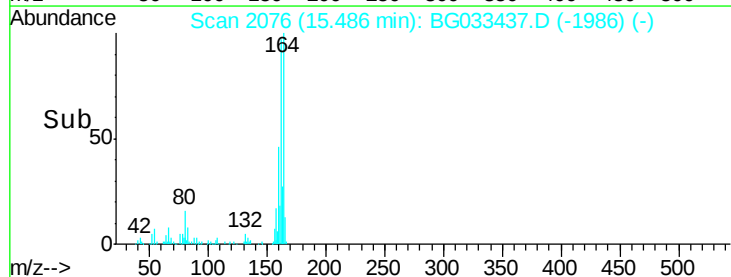
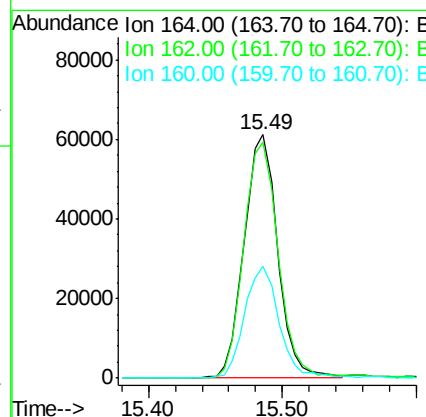
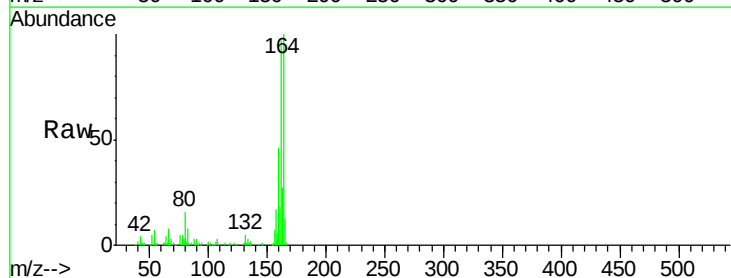
Instrument :
BNA_G
ClientSampleId :

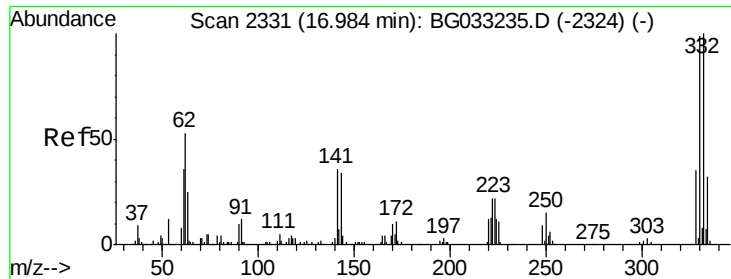
Tot Ion	82	Resp	277182
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.7	44.5
54	56.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Tgt Ion	164	Resp	106503
Ion Ratio	Lower	Upper	
164	100		
162	97.1	78.8	118.2
160	45.9	35.4	53.0

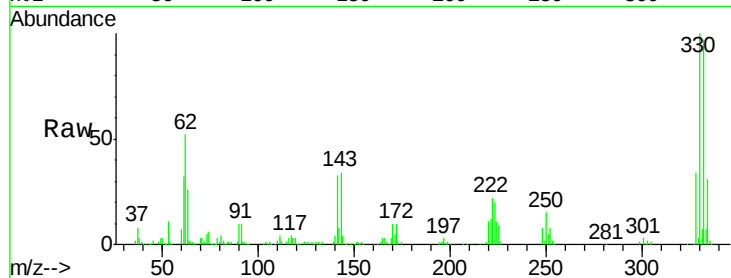




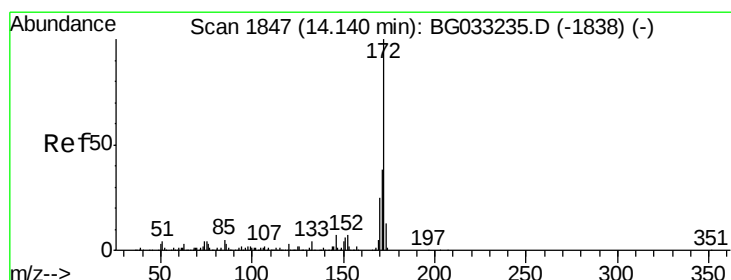
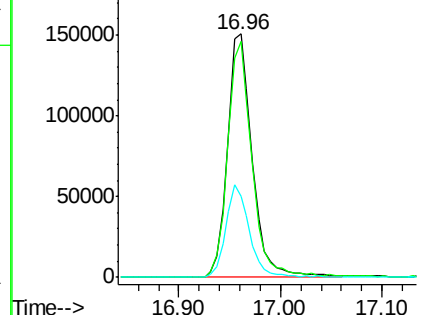
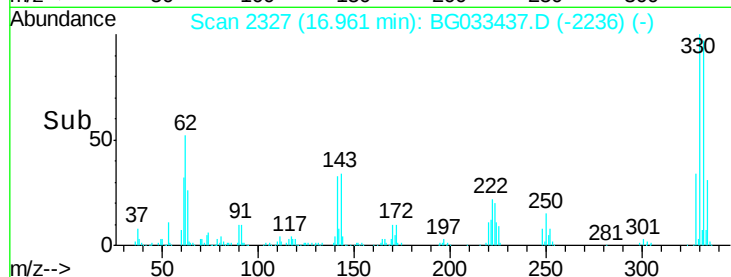
#41
 2,4,6-Tribromophenol
 Concen: 160.043 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.9	25.2	37.8

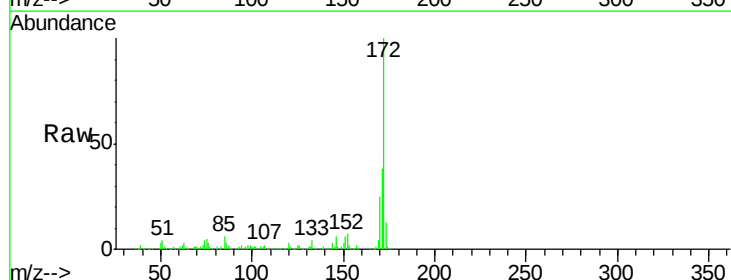


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

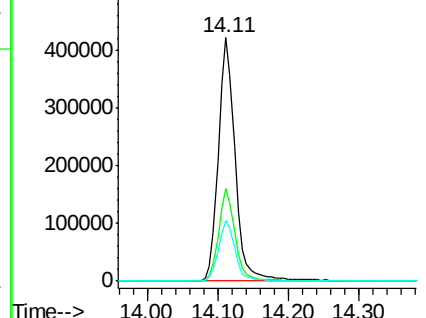
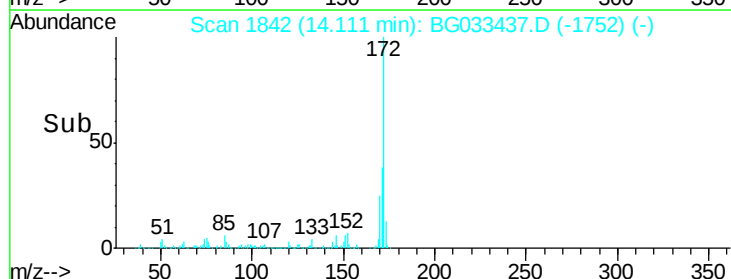


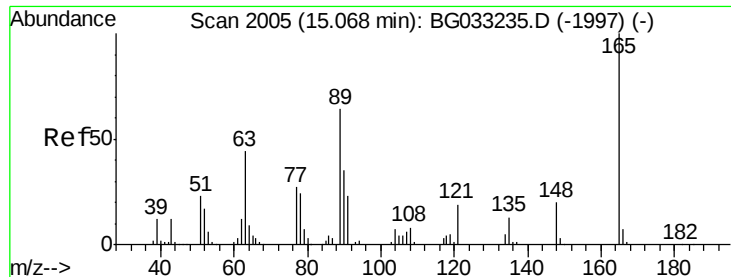
#44
 2-Fluorobiphenyl
 Concen: 95.595 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.8	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

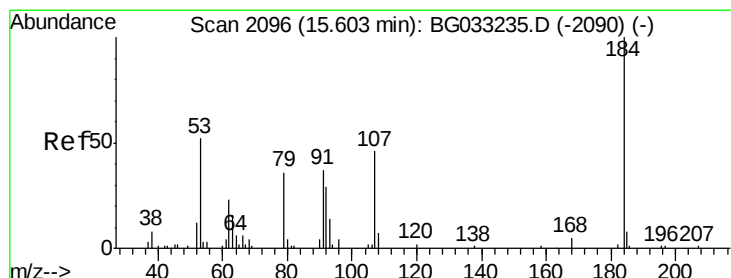
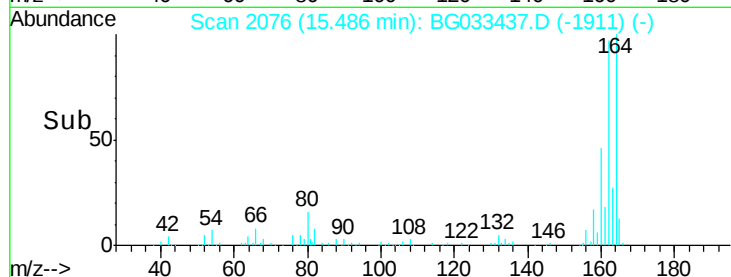
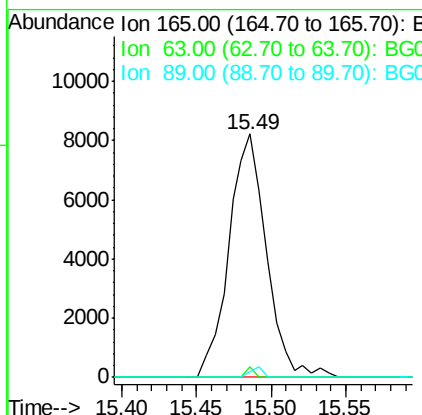
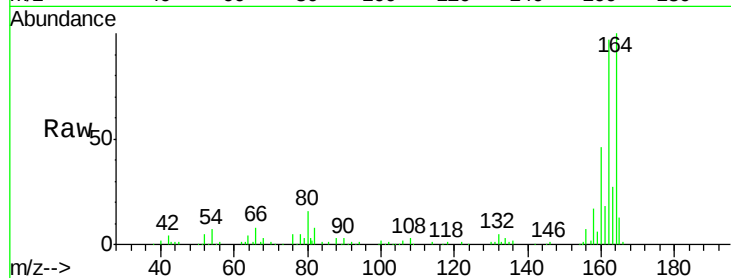




#50
 2,6-Dinitrotoluene
 Concen: 7.586 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. 0.44 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

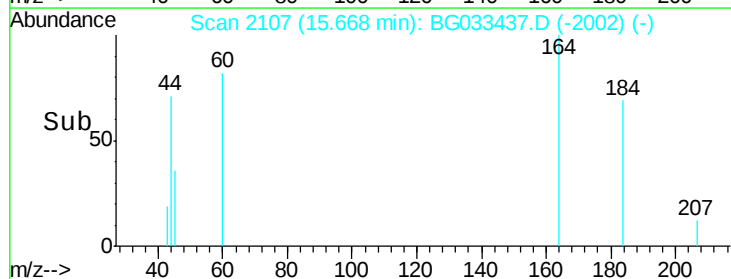
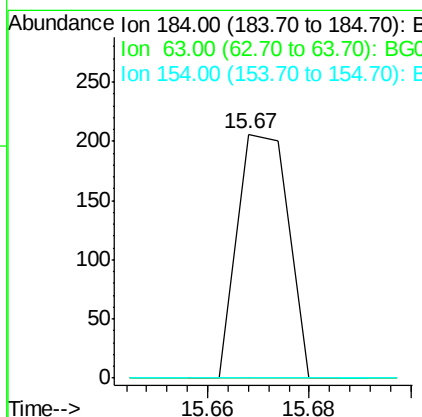
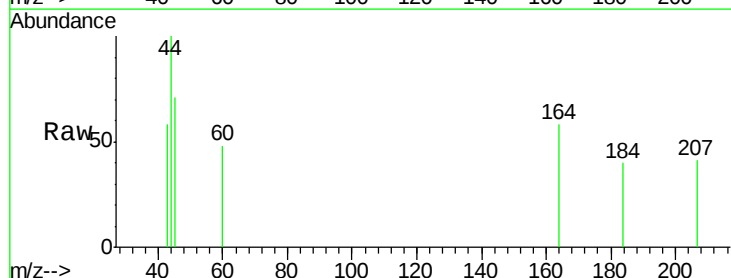
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14376
 Ion Ratio Lower Upper
 165 100
 63 4.3 52.7 79.1#
 89 2.2 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.775 ng
 RT: 15.67 min Scan# 2107
 Delta R.T. 0.09 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Tgt Ion:184 Resp: 143
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

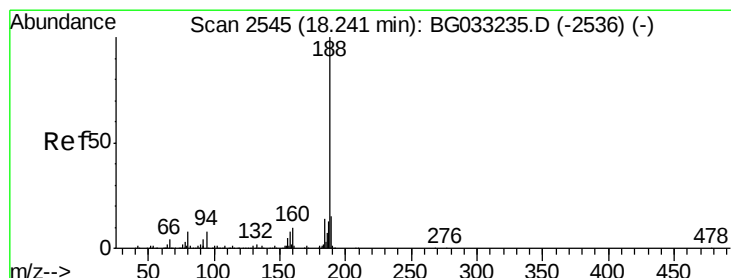
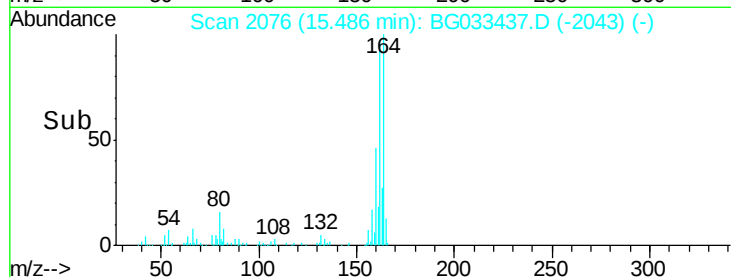
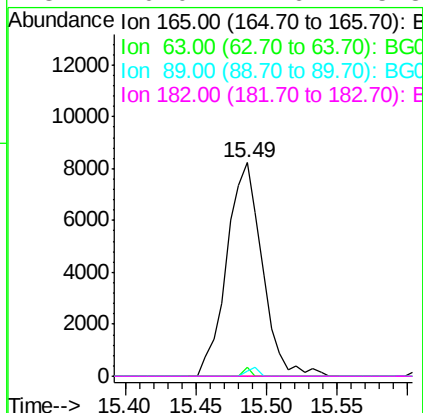
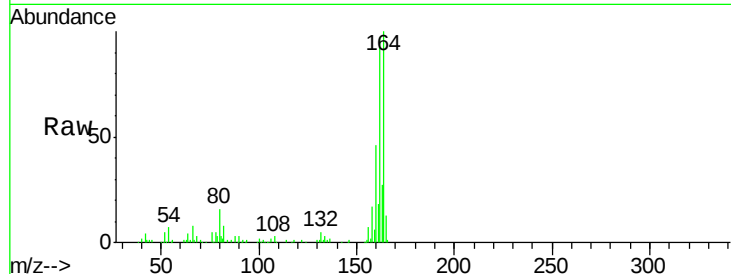




#56
2,4-Dinitrotoluene
Concen: 5.151 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.34 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

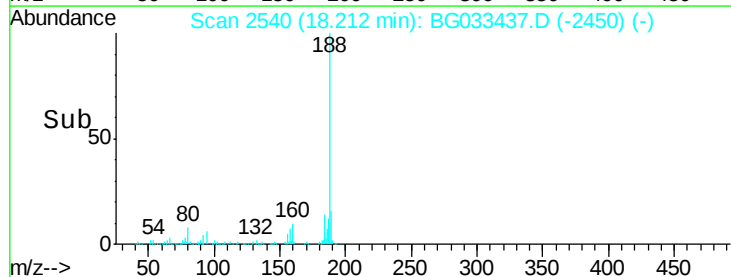
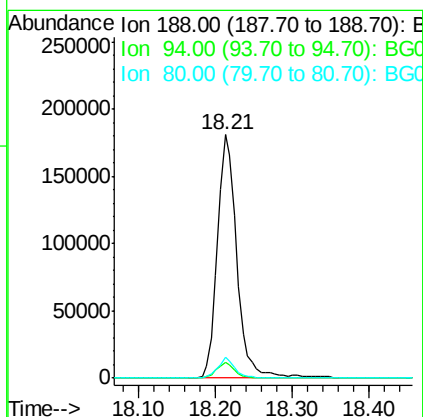
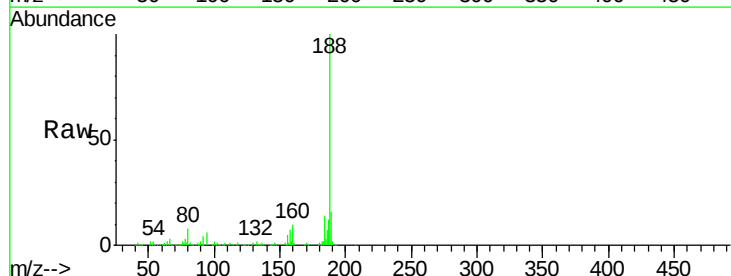
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 14375
Ion Ratio Lower Upper
165 100
63 4.3 42.0 63.0#
89 2.2 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Tgt Ion:188 Resp: 316423
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 8.4 7.7 11.5

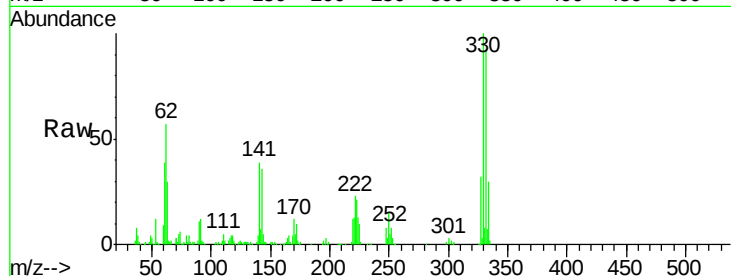




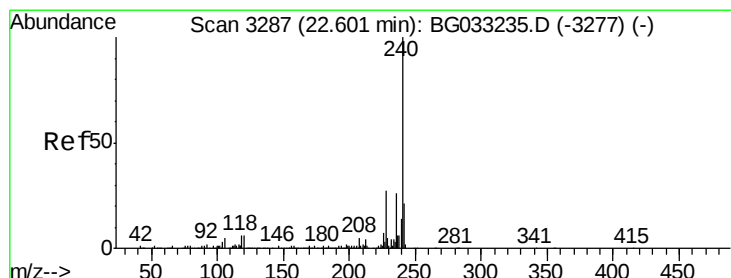
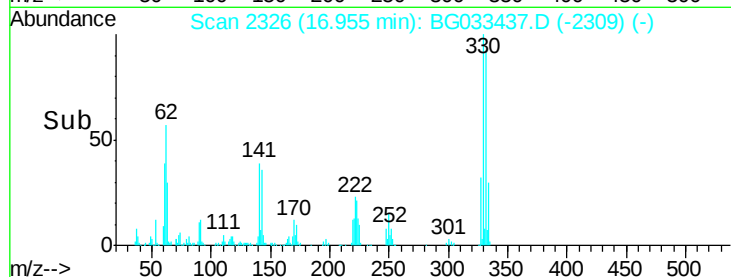
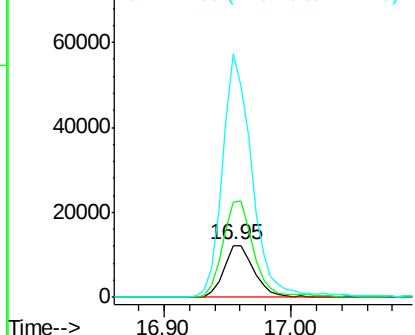
#66
 4-Bromophenyl-phenylether
 Concen: 5.399 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 20062
 Ion Ratio Lower Upper
 248 100
 250 184.1 77.1 115.7#
 141 471.9 50.8 76.2#

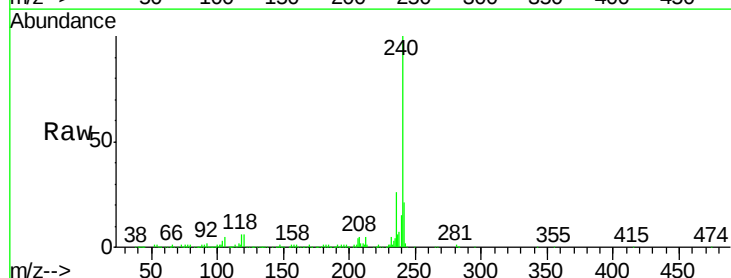


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

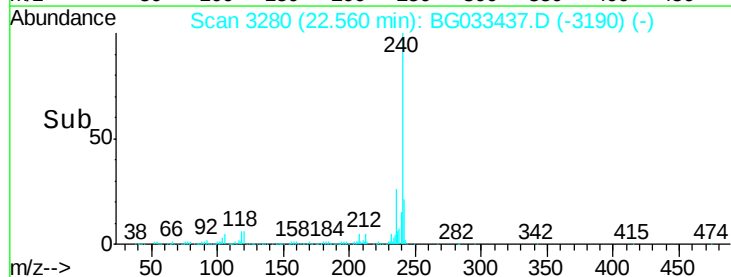
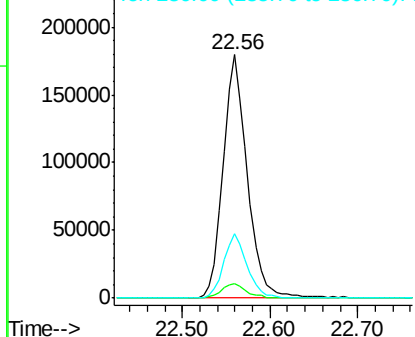


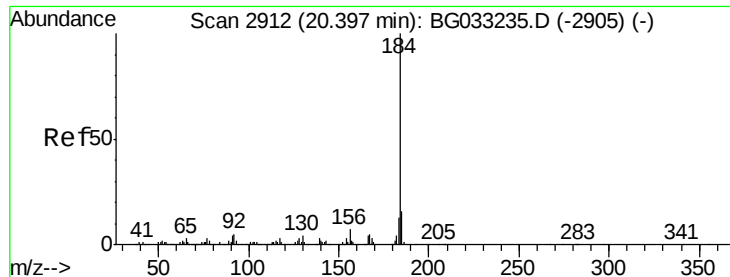
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. -0.00 min
 Lab File: BG033437.D
 Acq: 30 Mar 2018 1:51

Tgt Ion:240 Resp: 341519
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 26.5 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





#76

Benzidine

Concen: 2.906 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.37 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

Instrument :

BNA_G

ClientSampleId :

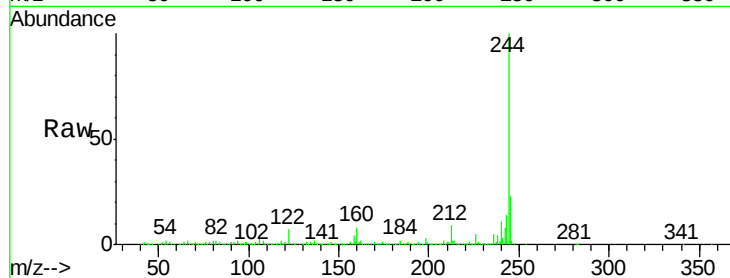
Tot Ion:184 Resp: 26917

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

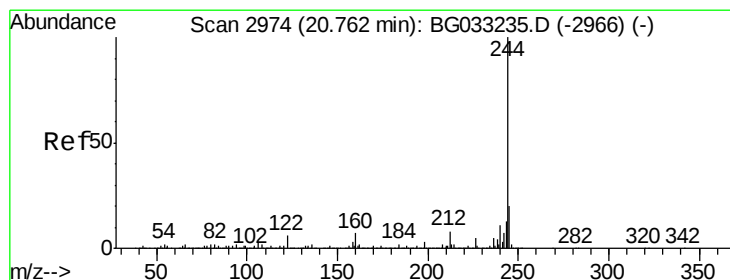
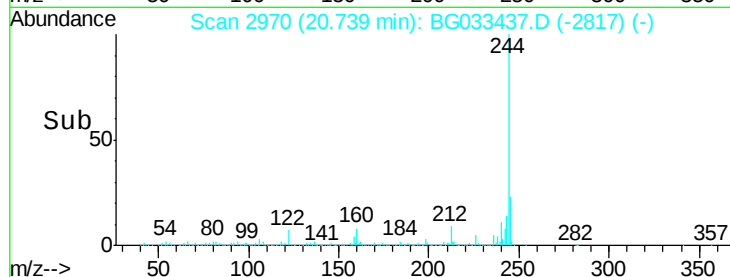
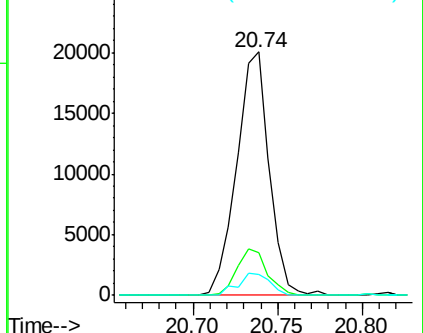
183 8.5 10.6 16.0#



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: 98.095 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033437.D

Acq: 30 Mar 2018 1:51

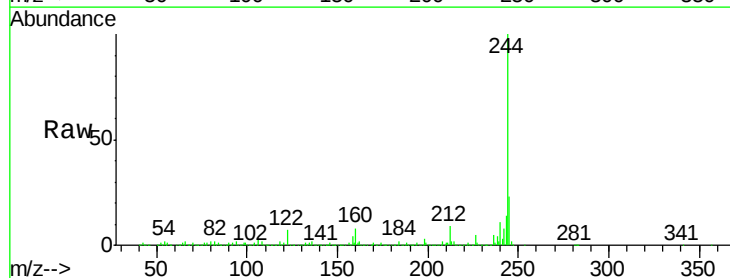
Tgt Ion:244 Resp: 1566502

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

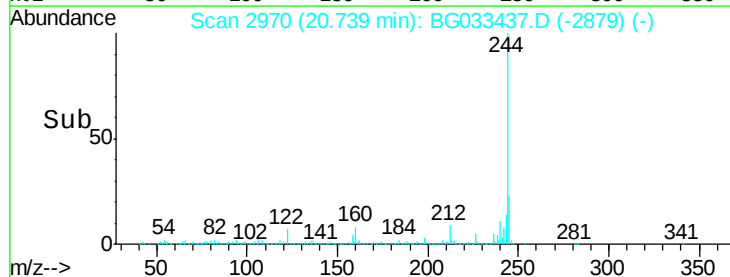
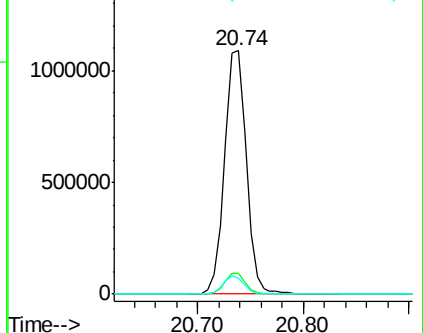
122 6.7 7.0 10.4#



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: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033437.D
Acq: 30 Mar 2018 1:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.4	17.7	26.5

