

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033431.D
 Acq On : 29 Mar 2018 22:05
 Operator : SJ/JU
 Sample : J2085-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 07:41:01 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

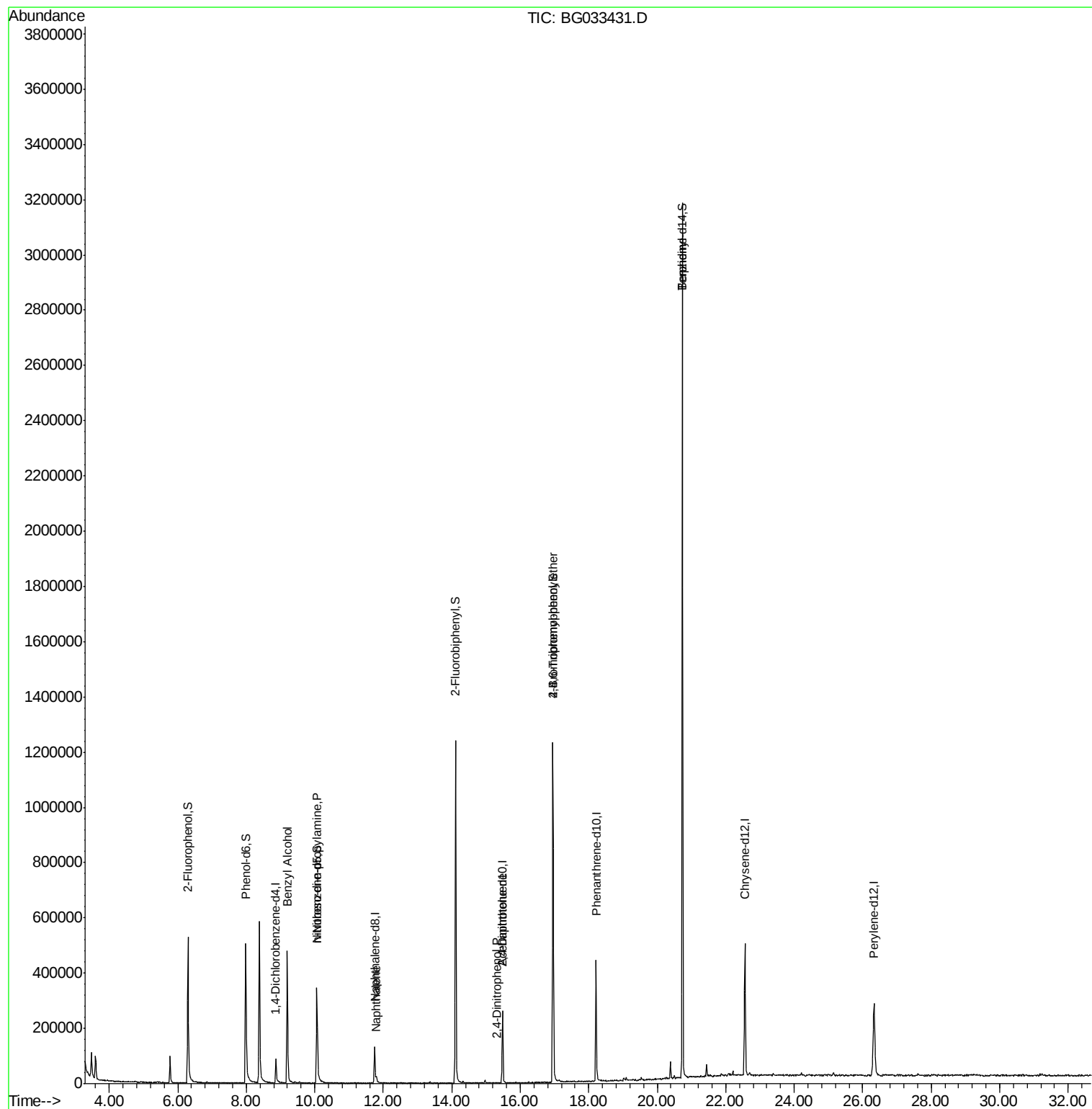
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30851	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	128151	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	104254	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	315892	20.00	ng	0.00
75) Chrysene-d12	22.56	240	344493	20.00	ng	0.00
86) Perylene-d12	26.33	264	375572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	267920	162.84	ng	0.00
7) Phenol-d6	7.98	99	362120	128.10	ng	0.00
23) Nitrobenzene-d5	10.06	82	286555	102.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	259638	166.52	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	701654	97.16	ng	0.00
78) Terphenyl-d14	20.73	244	1593603	98.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5263	2.365	ng	# 38
19) n-Nitroso-di-n-propylamine	10.06	70	38093	18.389	ng	# 78
31) Naphthalene	11.80	128	19499	2.936	ng	# 97
53) 2,4-Dinitrophenol	15.32	184	91	7.729	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	13562	4.965	ng	# 16
66) 4-Bromophenyl-phenylether	16.96	248	19574	5.276	ng	# 1
76) Benzydine	20.73	184	28440	3.044	ng	# 88

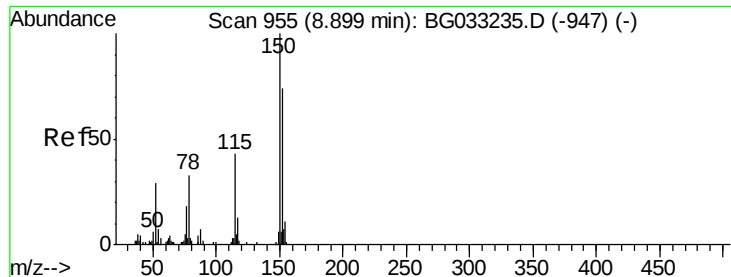
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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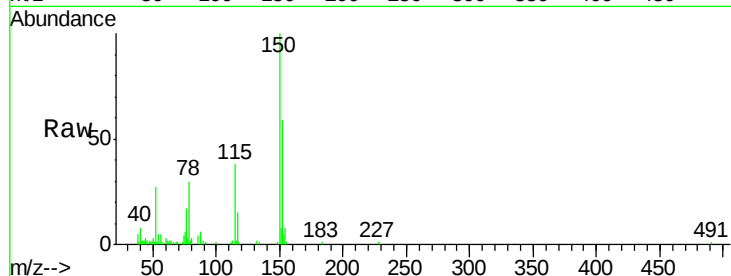


#1

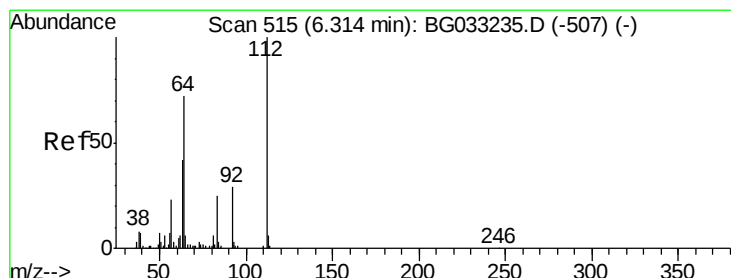
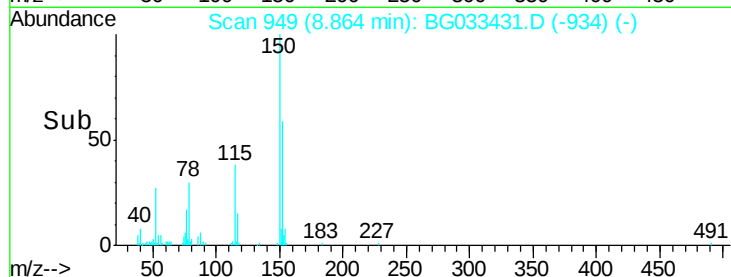
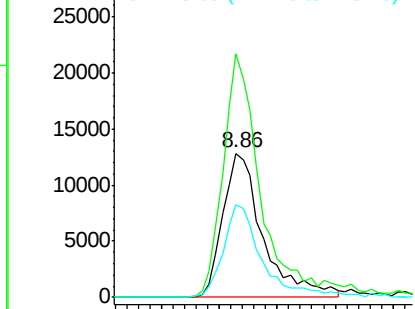
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.7	126.6	189.8
115	64.5	53.0	79.4



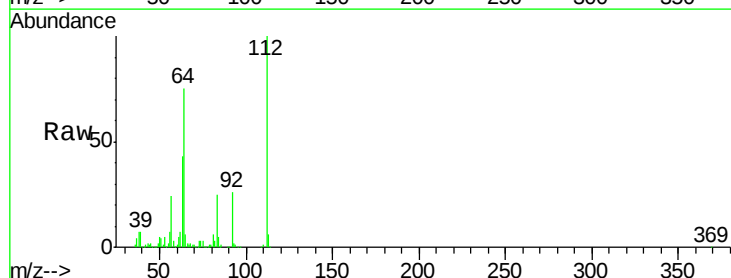
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



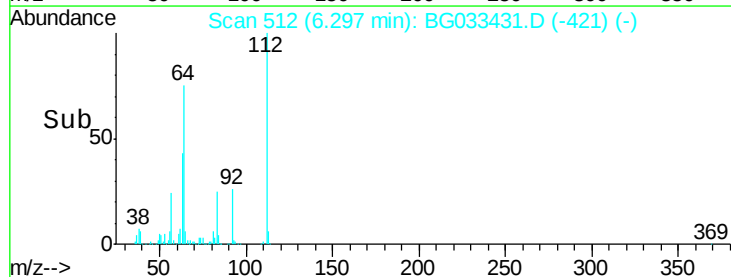
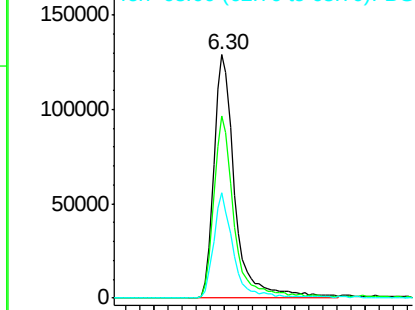
#5

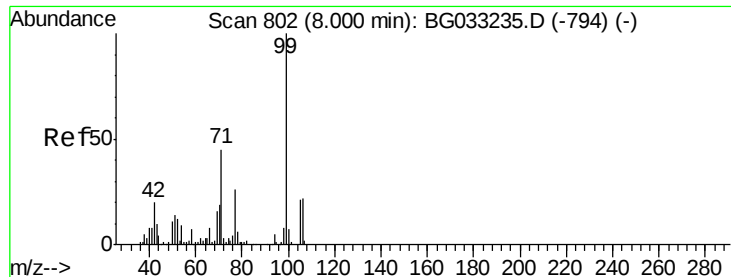
2-Fluorophenol
Concen: 162.841 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.7	56.3	84.5
63	43.1	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: 128.097 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

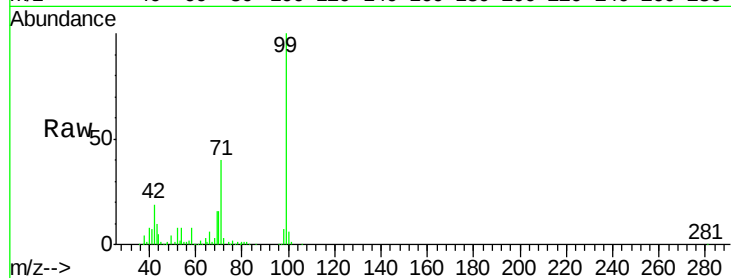
Tot Ion: 99 Resp: 362120

Ion Ratio Lower Upper

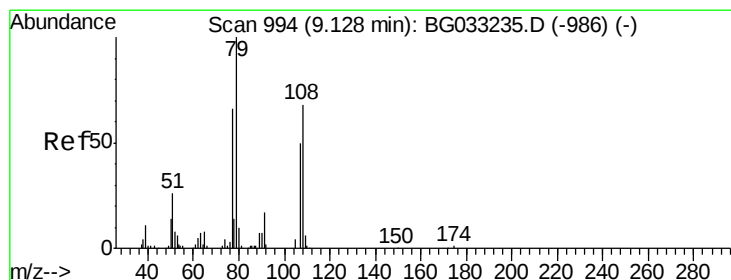
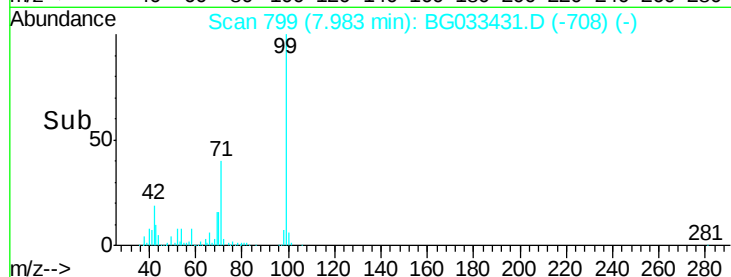
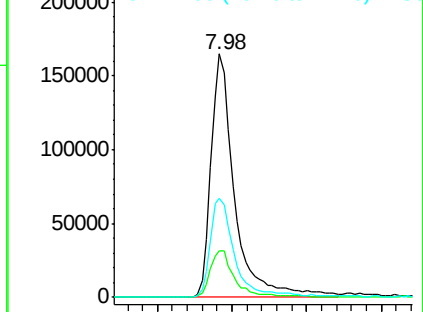
99 100

42 19.3 14.1 21.1

71 40.5 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: 2.365 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

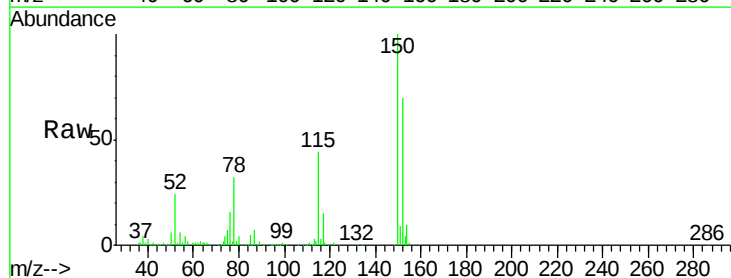
Tgt Ion: 79 Resp: 5263

Ion Ratio Lower Upper

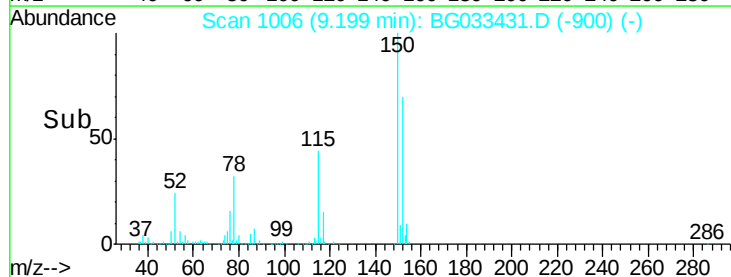
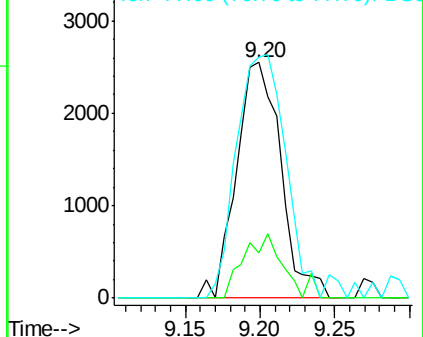
79 100

108 19.0 57.2 85.8#

77 102.6 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

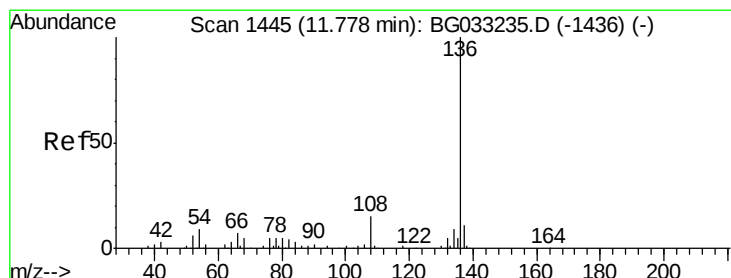
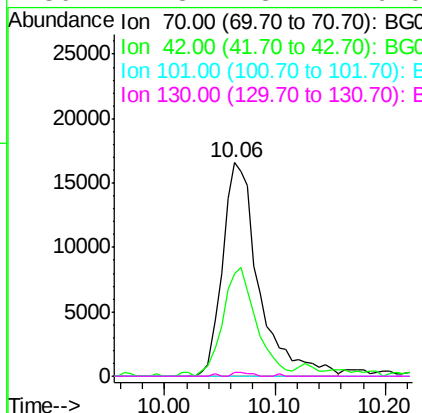
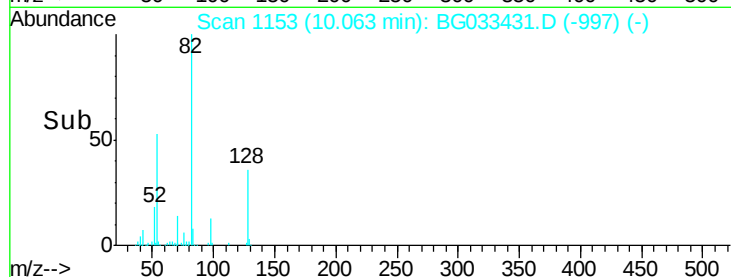
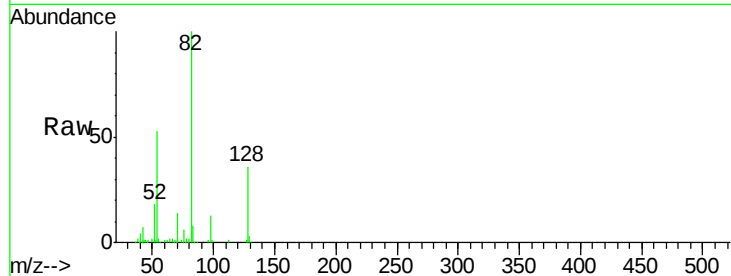




#19
n-Nitroso-di-n-propylamine
Concen: 18.389 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

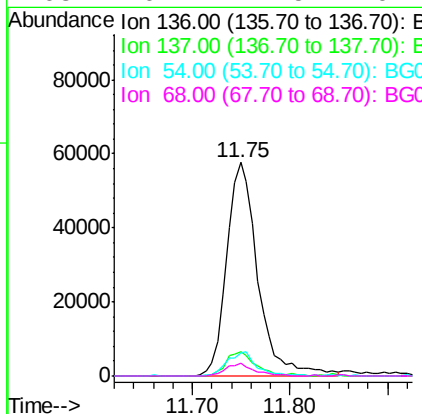
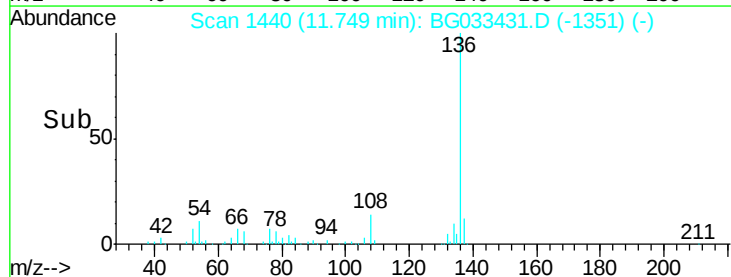
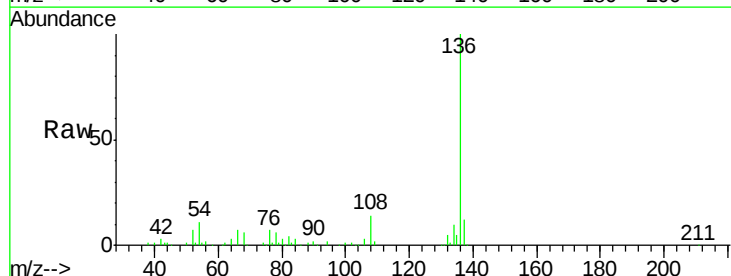
Instrument :
BNA_G
ClientSampleId :

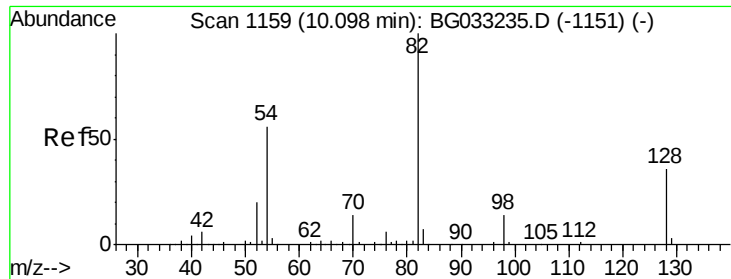
Tot Ion: 70 Resp: 38093
Ion Ratio Lower Upper
70 100
42 47.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Tgt Ion: 136 Resp: 128151
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 10.9 10.3 15.5
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 102.734 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

Instrument :

BNA_G

ClientSampleId :

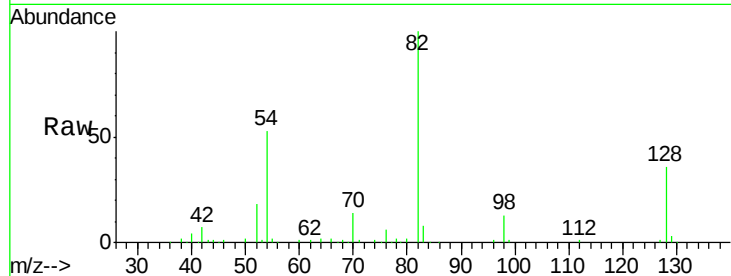
Tot Ion: 82 Resp: 286555

Ion Ratio Lower Upper

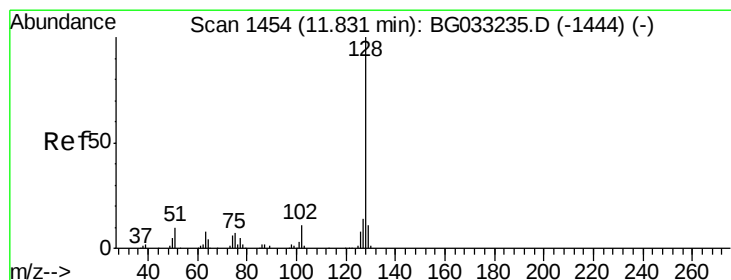
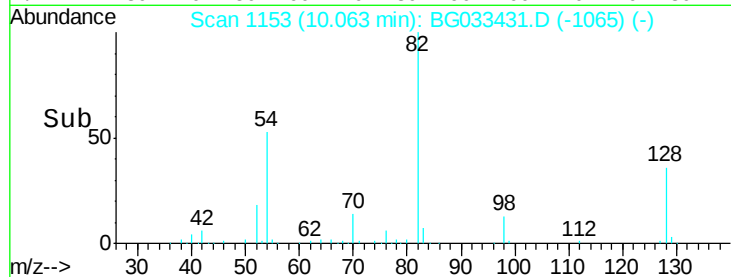
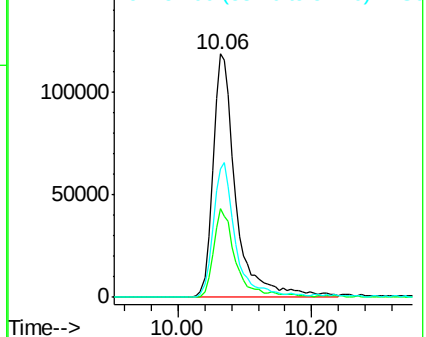
82 100

128 36.5 29.7 44.5

54 52.9 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



#31

Naphthalene

Concen: 2.936 ng

RT: 11.80 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BG033431.D

Acq: 29 Mar 2018 22:05

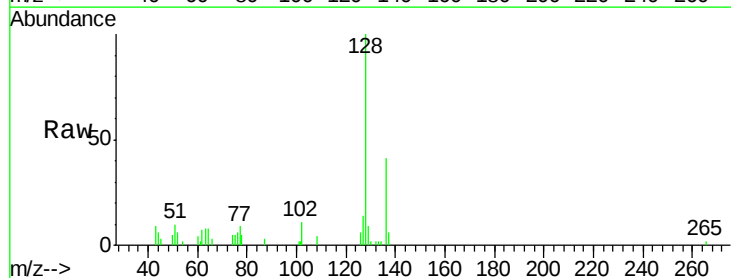
Tgt Ion: 128 Resp: 19499

Ion Ratio Lower Upper

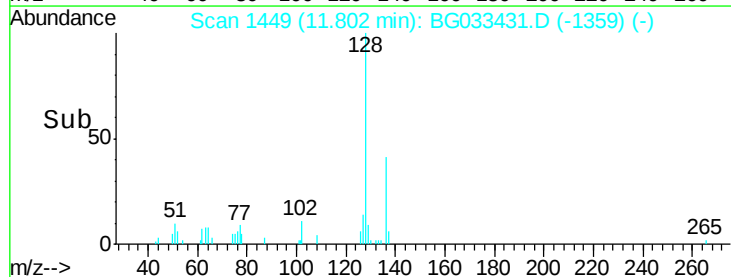
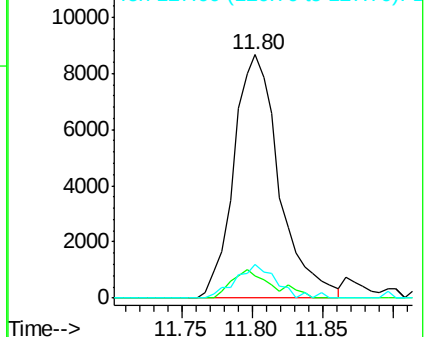
128 100

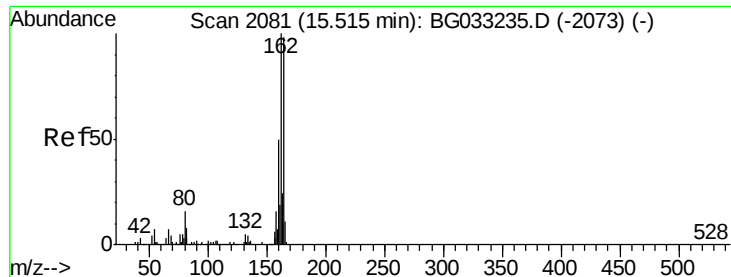
129 9.3 8.6 12.8

127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

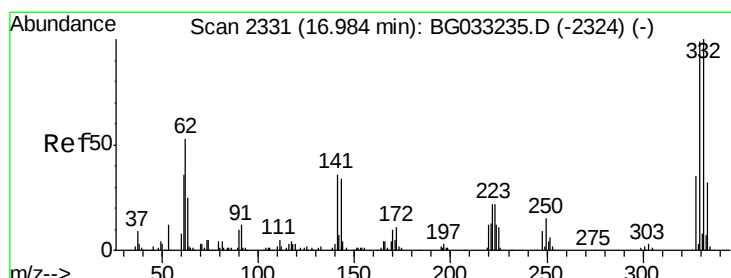
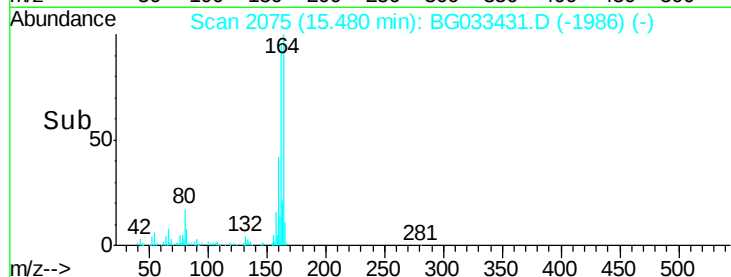
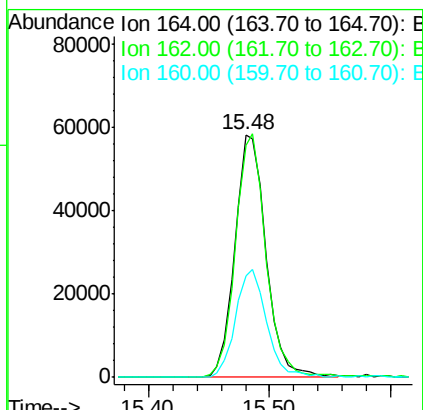
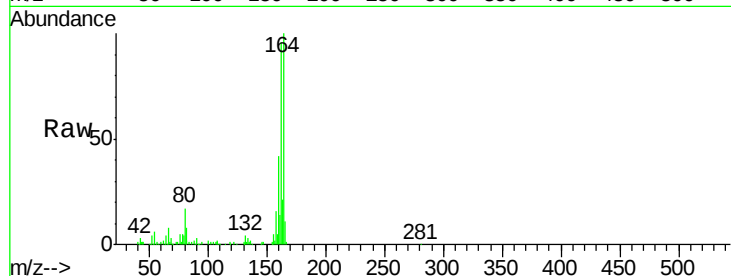




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

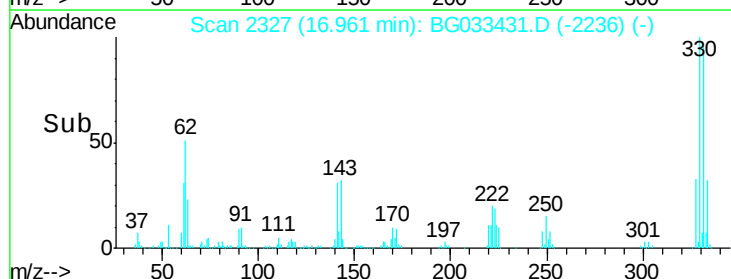
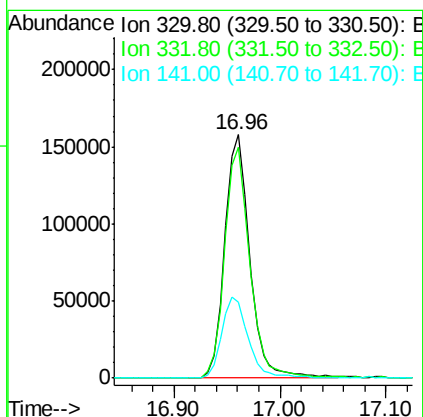
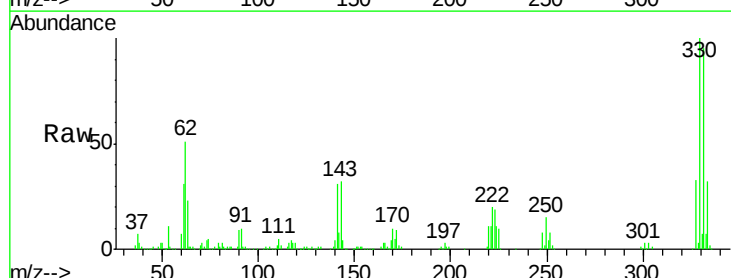
Instrument :
BNA_G
ClientSampleId :

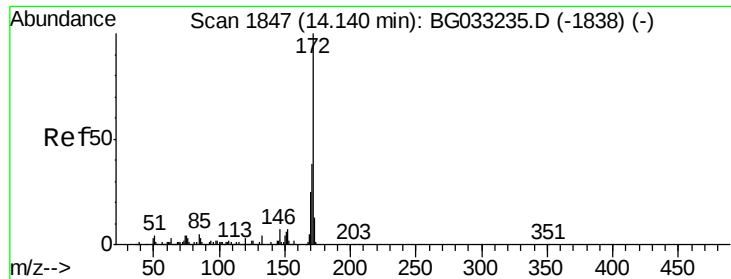
Tot Ion:164 Resp: 104254
Ion Ratio Lower Upper
164 100
162 95.7 78.8 118.2
160 41.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 166.516 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Tgt Ion:330 Resp: 259638
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 35.5 25.2 37.8

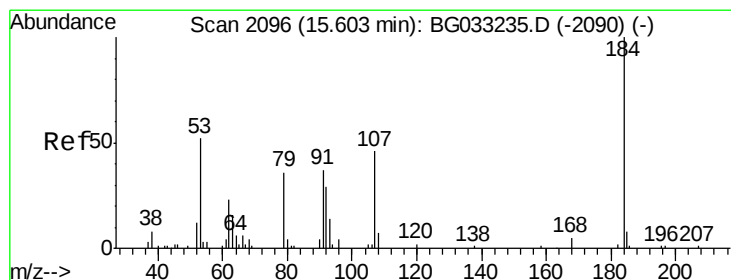
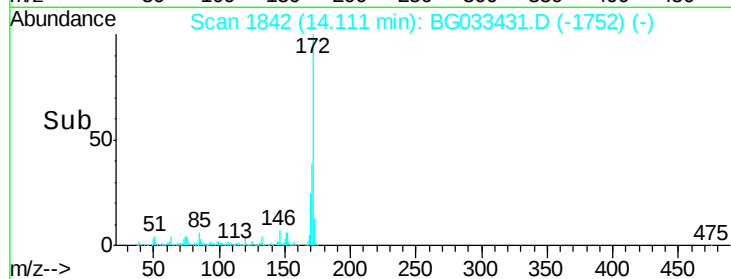
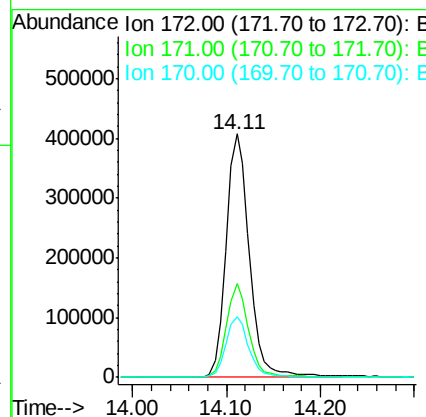
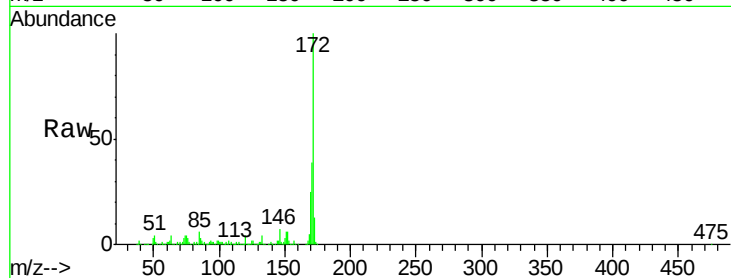




#44
 2-Fluorobiphenyl
 Concen: 97.160 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033431.D
 Acq: 29 Mar 2018 22:05

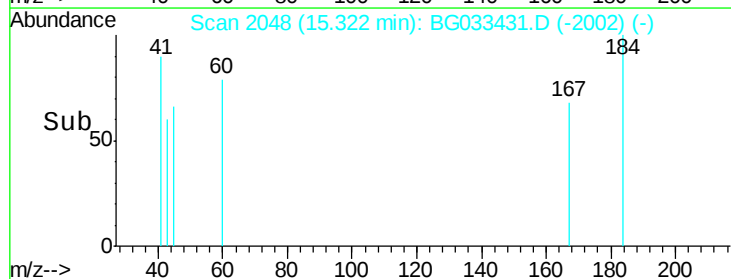
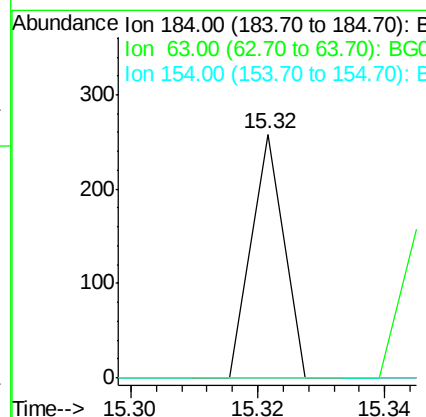
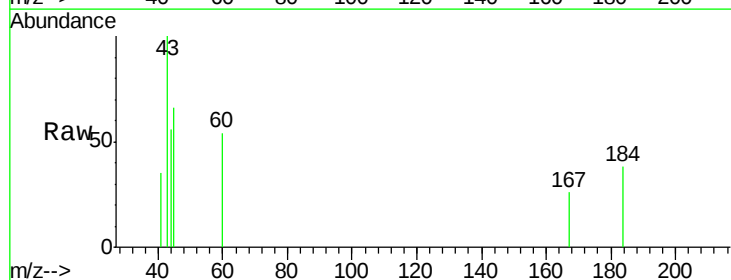
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 701654
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 24.7 19.5 29.3



#53
 2,4-Dinitrophenol
 Concen: 7.729 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.26 min
 Lab File: BG033431.D
 Acq: 29 Mar 2018 22:05

Tgt Ion:184 Resp: 91
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

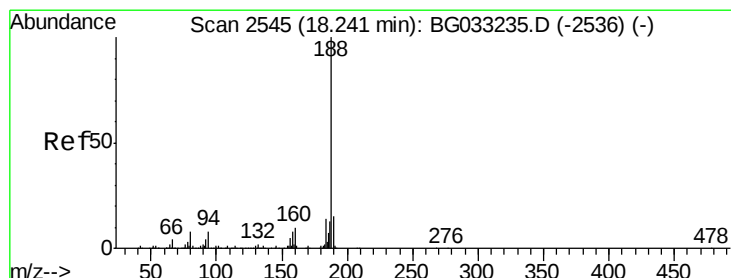
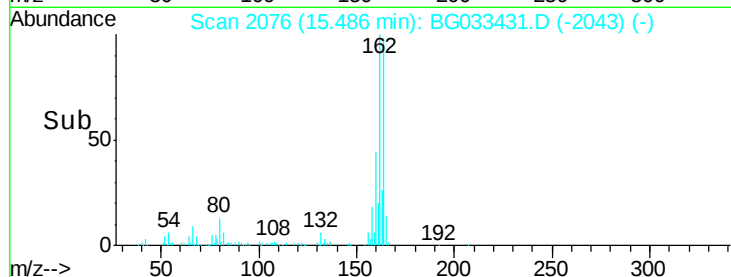
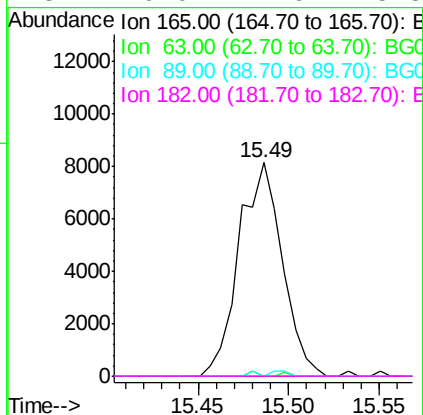
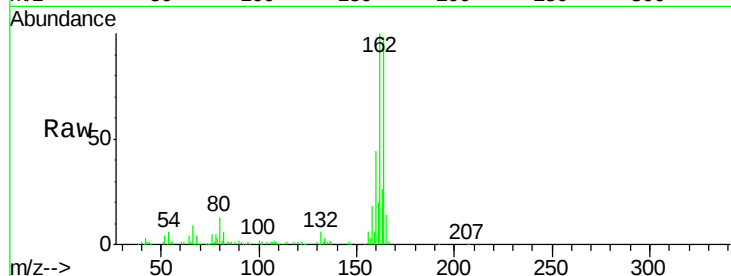




#56
 2,4-Dinitrotoluene
 Concen: 4.965 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.34 min
 Lab File: BG033431.D
 Acq: 29 Mar 2018 22:05

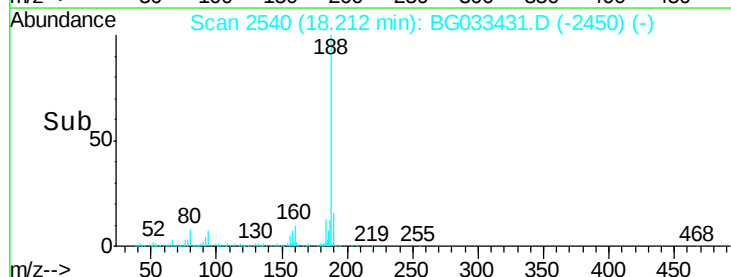
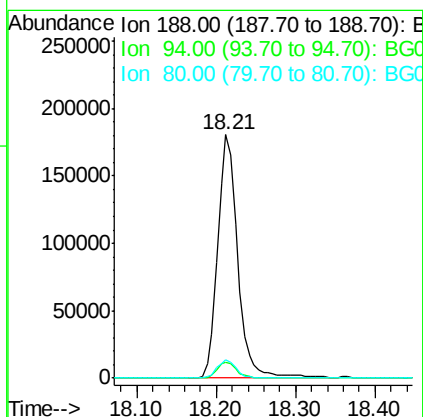
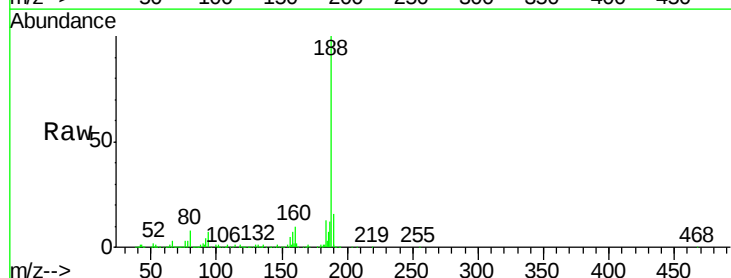
Instrument :
 BNA_G
 ClientSampleId :

Tot 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: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033431.D
 Acq: 29 Mar 2018 22:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.5	7.7	11.5#

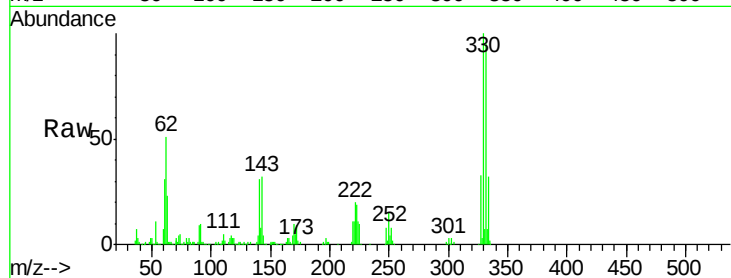




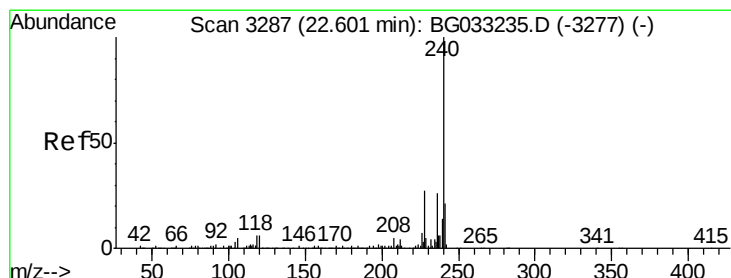
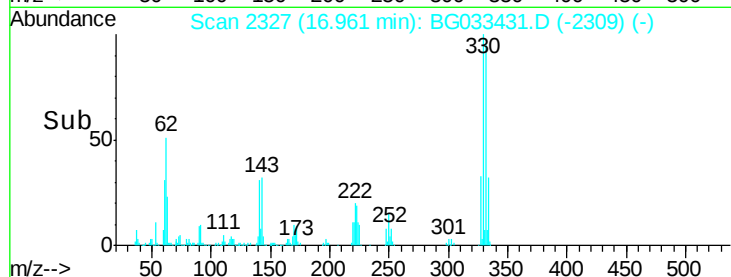
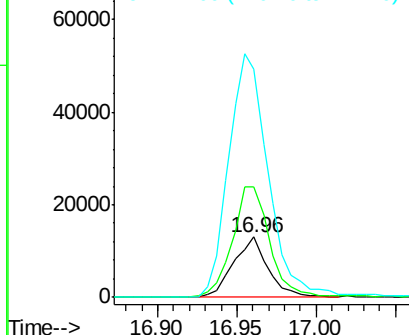
#66
4-Bromophenyl-phenylether
Concen: 5.276 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.43 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19574
Ion Ratio Lower Upper
248 100
250 184.3 77.1 115.7#
141 379.1 50.8 76.2#

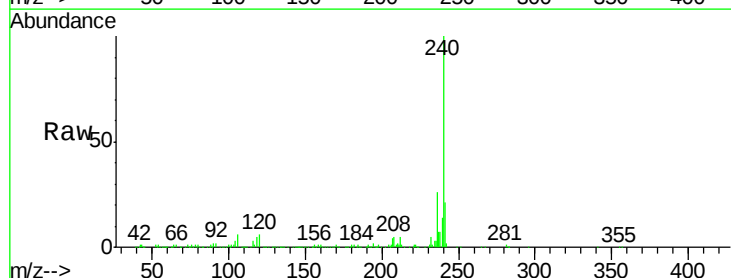


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

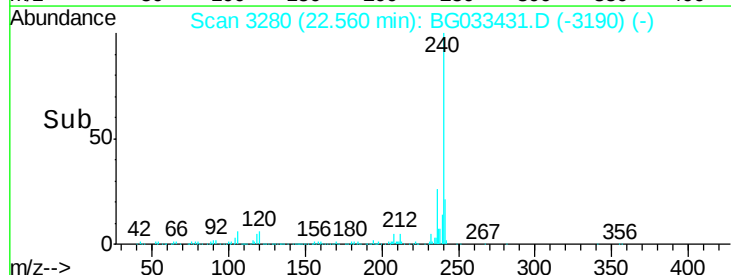
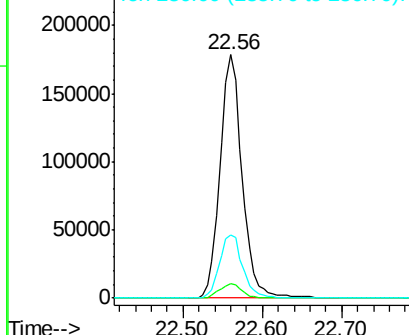


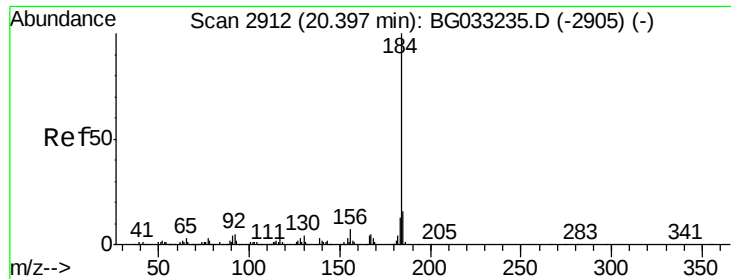
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Tgt Ion:240 Resp: 344493
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.7 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

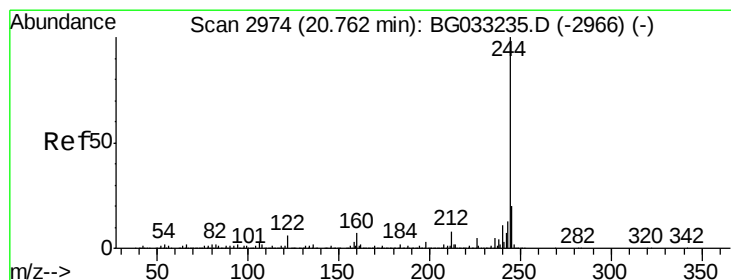
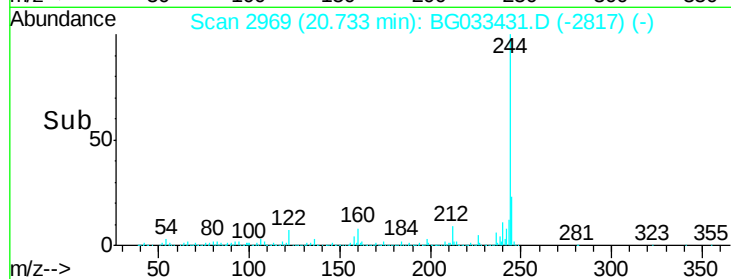
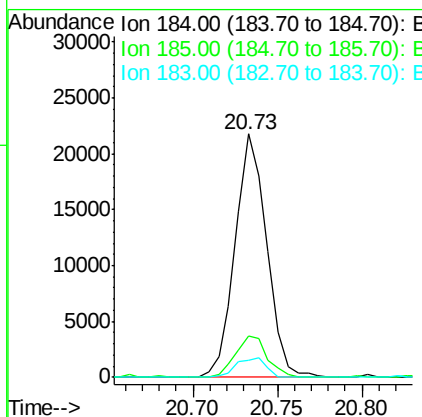
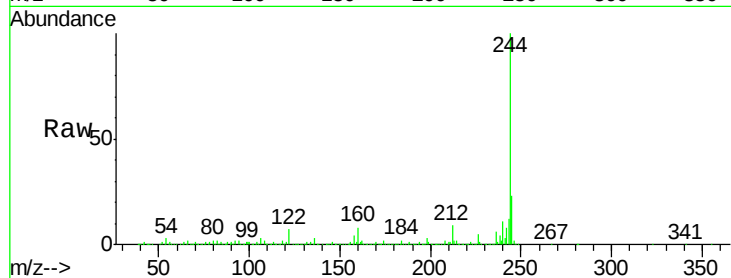




#76
Benzidine
Concen: 3.044 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.36 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

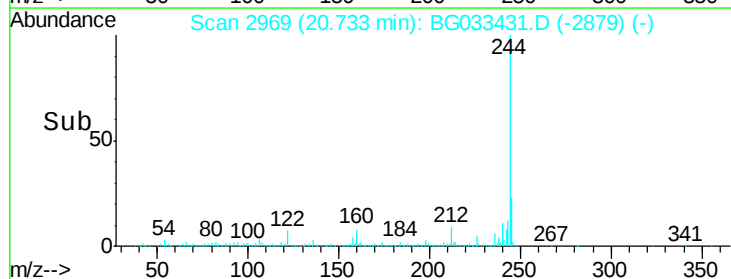
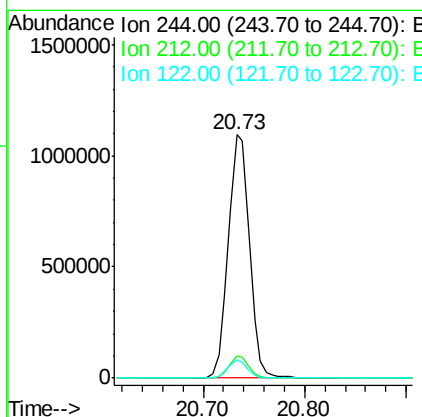
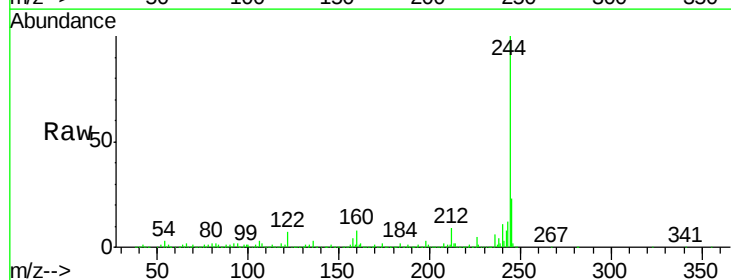
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 28440
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 7.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 98.931 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Tgt Ion:244 Resp: 1593603
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 7.5 7.0 10.4

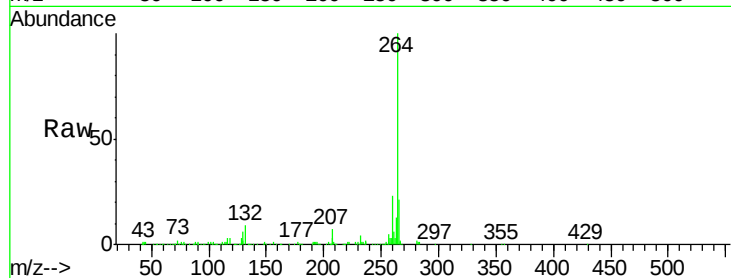




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033431.D
Acq: 29 Mar 2018 22:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.6	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

