

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033815.D
 Acq On : 16 Apr 2018 14:19
 Operator : SJ/JU
 Sample : J2364-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 15:06:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

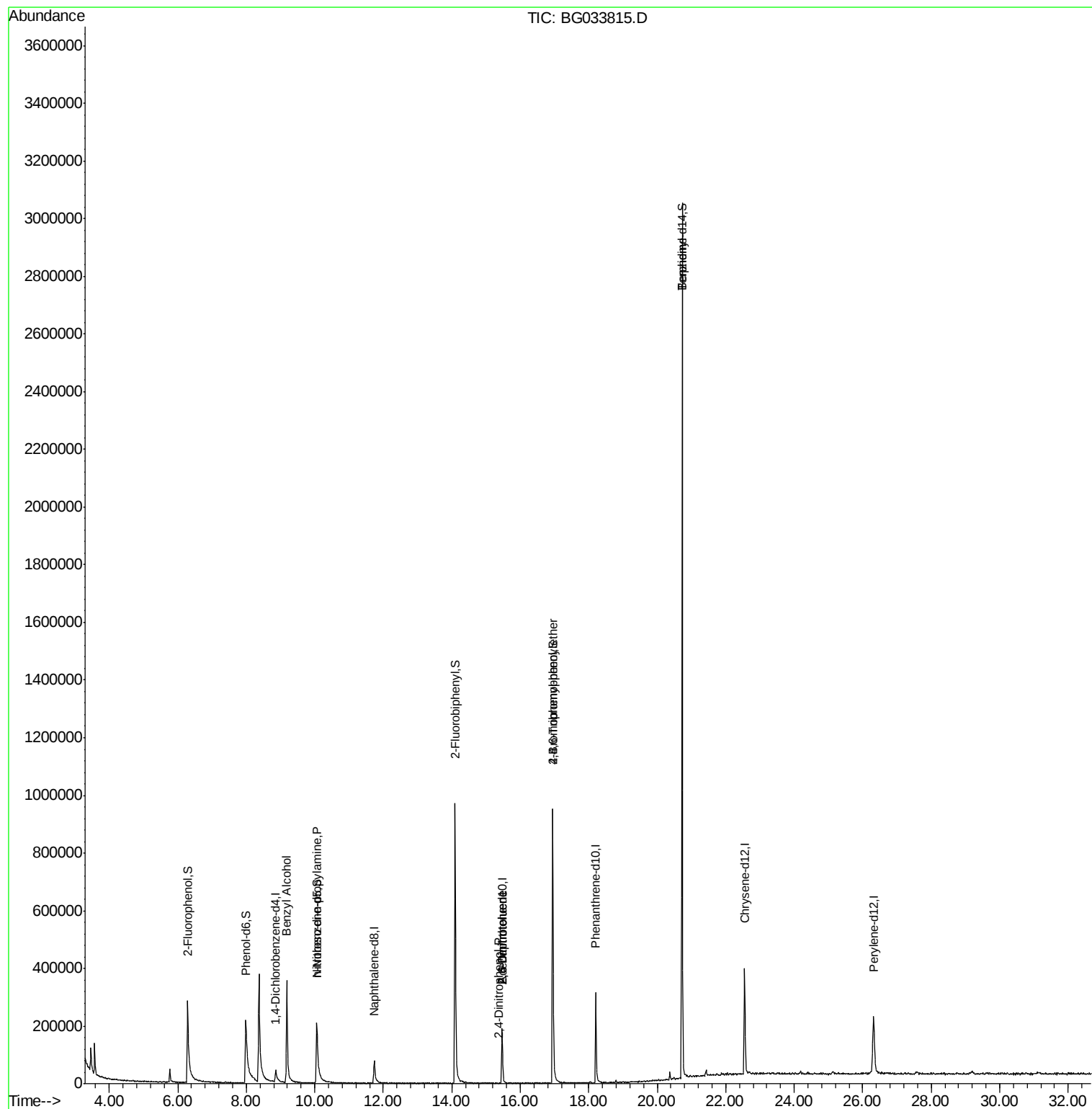
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	23501	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	100910	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	83029	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	243463	20.00	ng	0.00
75) Chrysene-d12	22.55	240	275968	20.00	ng	0.00
86) Perylene-d12	26.31	264	295874	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	224719	179.30	ng	0.00
7) Phenol-d6	7.99	99	295998	137.45	ng	0.00
23) Nitrobenzene-d5	10.06	82	254635	115.93	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	221283	178.20	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	637123	110.78	ng	0.00
78) Terphenyl-d14	20.73	244	1523508	118.06	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4612	2.720	ng	# 44
19) n-Nitroso-di-n-propylamine	10.06	70	32909	20.855	ng	# 78
50) 2,6-Dinitrotoluene	15.47	165	10164	6.879	ng	# 18
53) 2,4-Dinitrophenol	15.37	184	62	7.716	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	10164	4.672	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	16535	5.783	ng	# 1
76) Benizidine	20.73	184	25198	3.367	ng	# 93

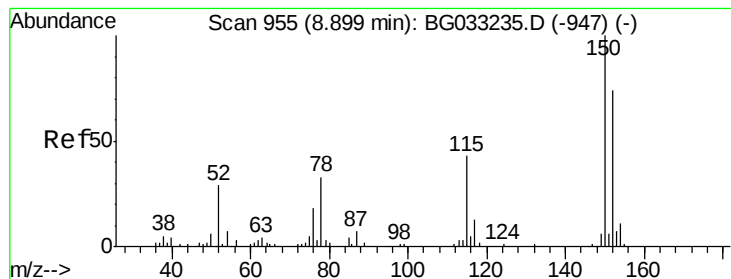
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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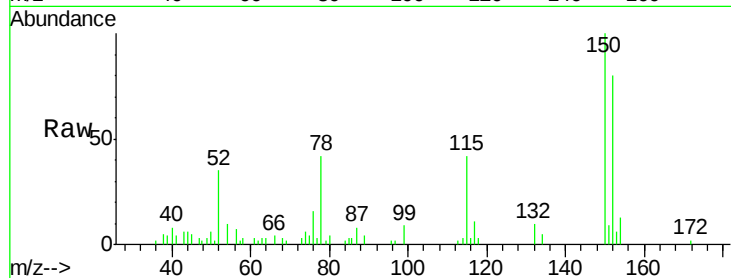




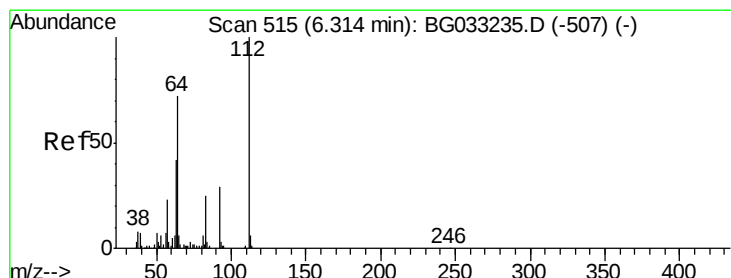
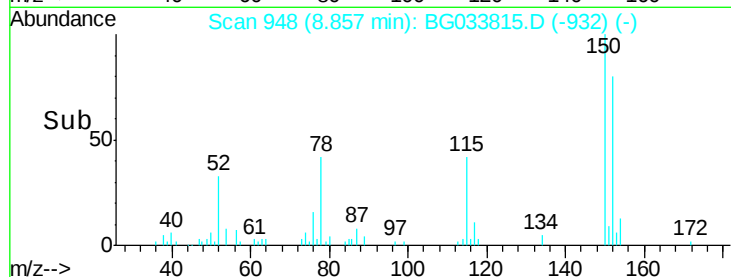
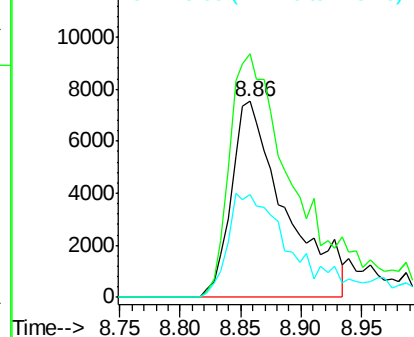
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 23501
 Ion Ratio Lower Upper
 152 100
 150 124.3 126.6 189.8#
 115 52.7 53.0 79.4#

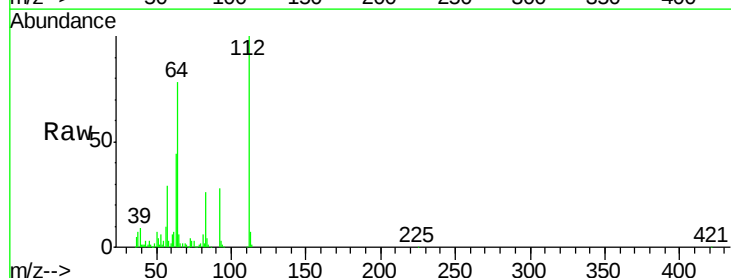


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

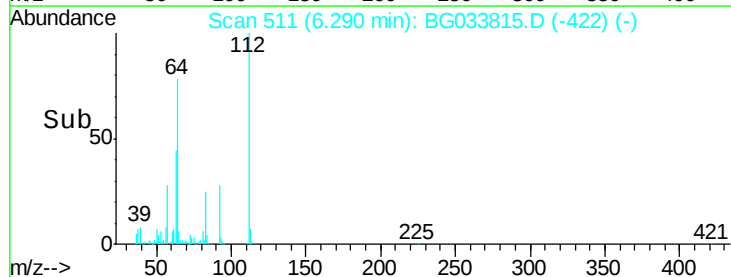
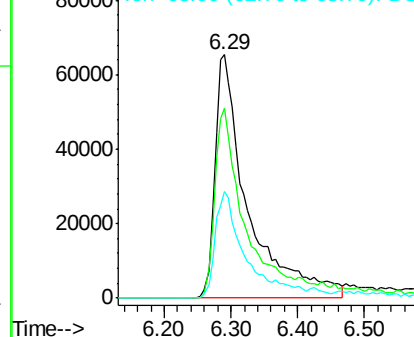


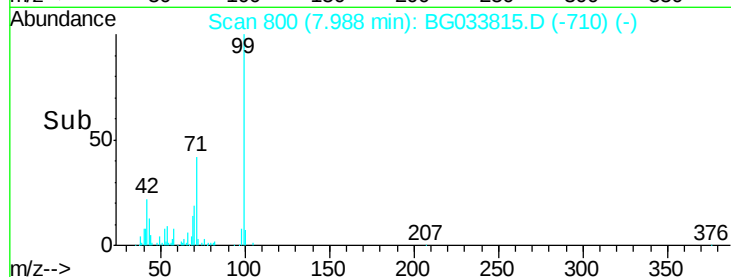
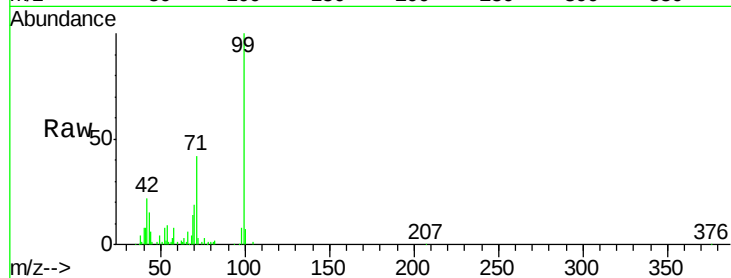
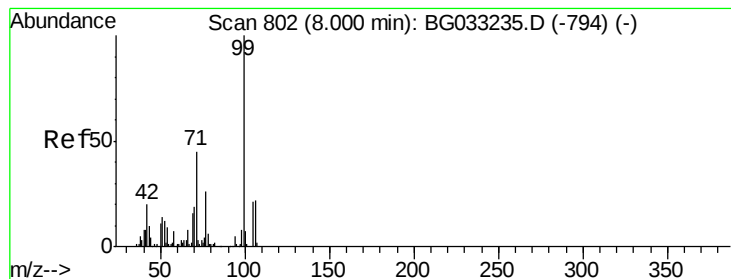
#5
 2-Fluorophenol
 Concen: 179.301 ng
 RT: 6.29 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion:112 Resp: 224719
 Ion Ratio Lower Upper
 112 100
 64 77.9 56.3 84.5
 63 43.9 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: 137.454 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

Instrument :

BNA_G

ClientSampleId :

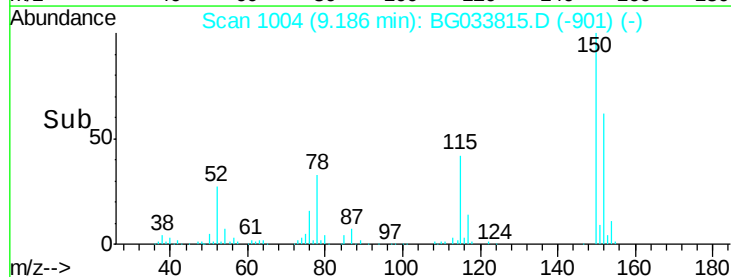
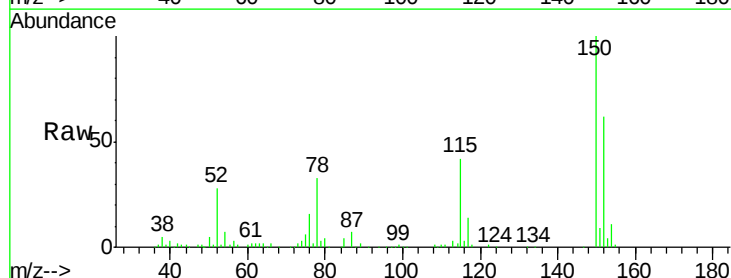
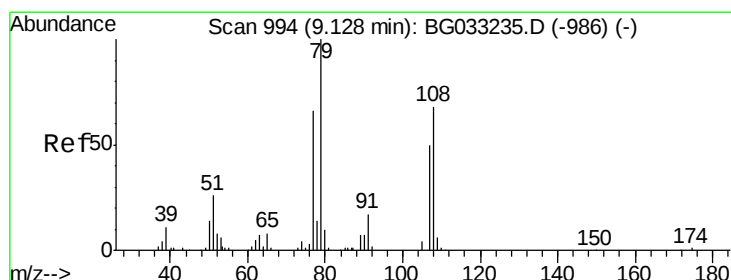
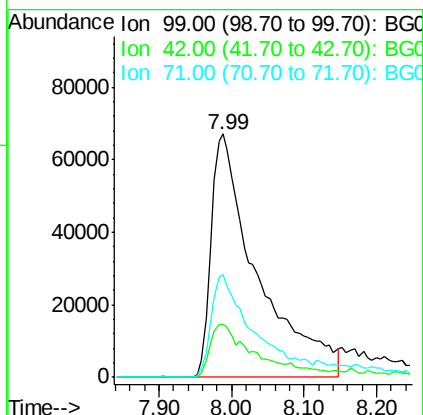
Tot Ion: 99 Resp: 295998

Ion Ratio Lower Upper

99 100

42 21.8 14.1 21.1#

71 42.1 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.720 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033815.D

Acq: 16 Apr 2018 14:19

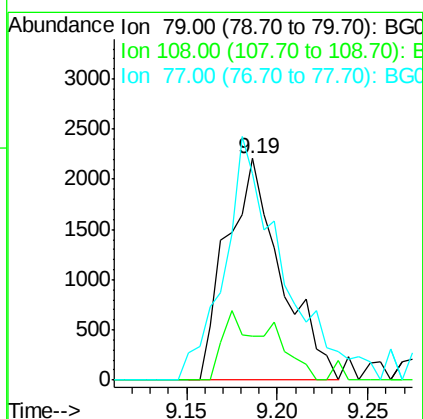
Tgt Ion: 79 Resp: 4612

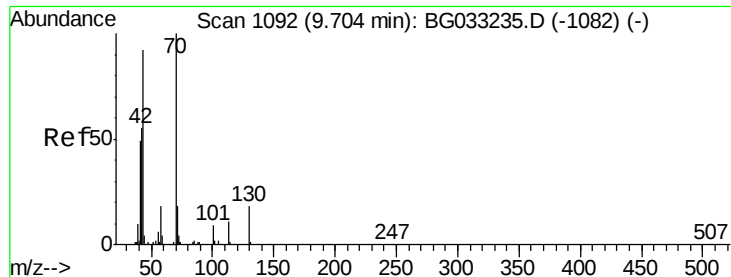
Ion Ratio Lower Upper

79 100

108 20.1 57.2 85.8#

77 93.4 46.1 69.1#

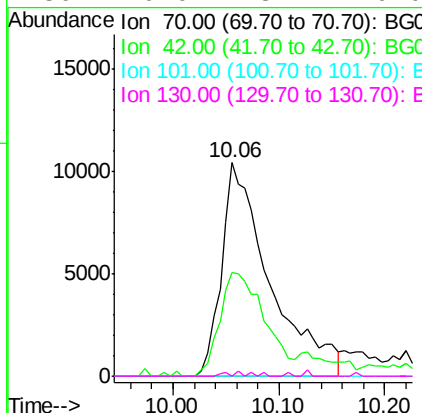
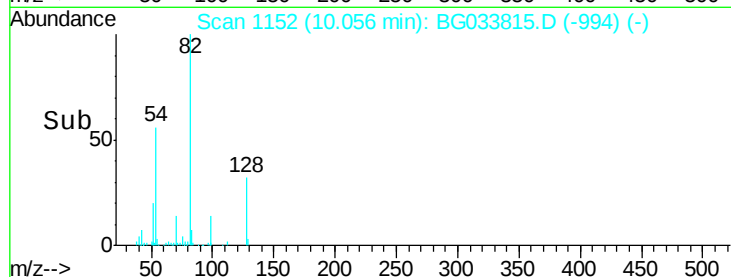
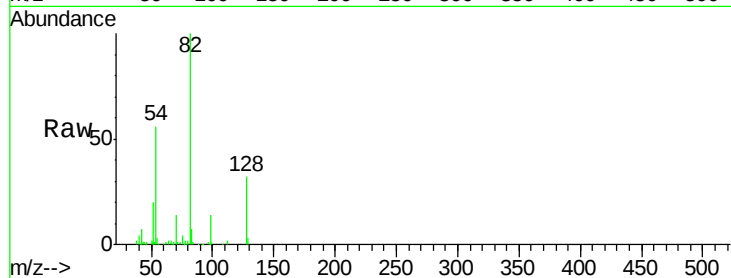




#19
n-Nitroso-di-n-propylamine
Concen: 20.855 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033815.D
Acq: 16 Apr 2018 14:19

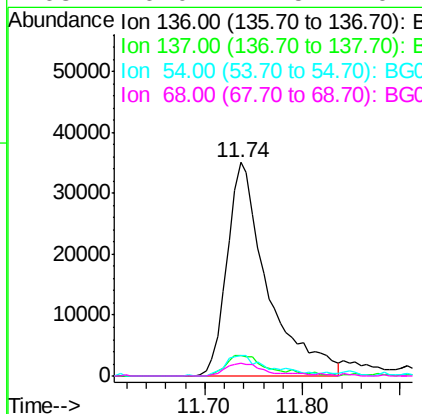
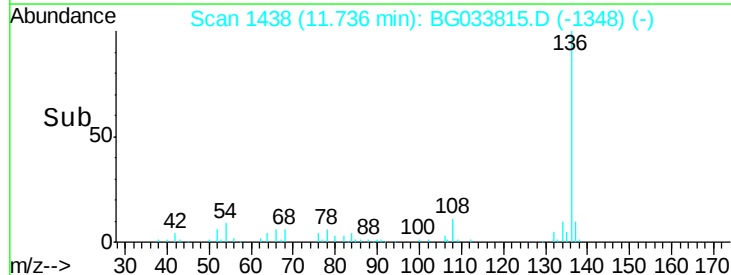
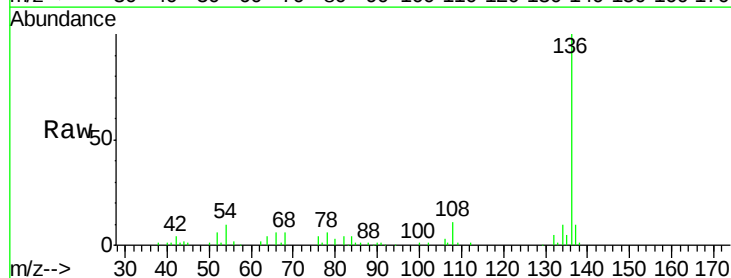
Instrument :
BNA_G
ClientSampleId :

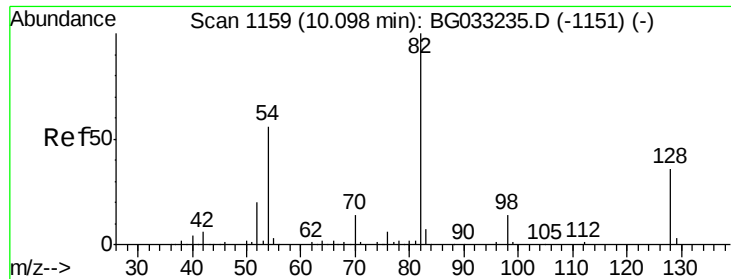
Tot Ion:	70	Resp:	32909
Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033815.D
Acq: 16 Apr 2018 14:19

Tgt Ion:	136	Resp:	100910
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	9.6	10.3	15.5#
68	6.0	4.5	6.7

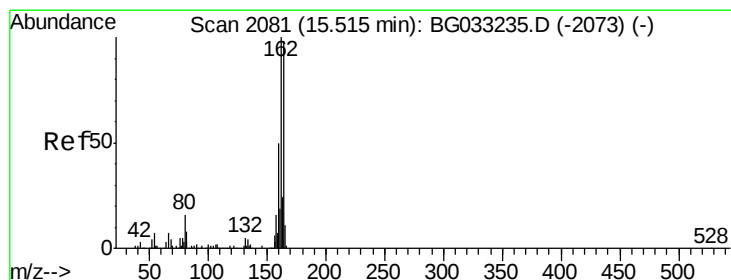
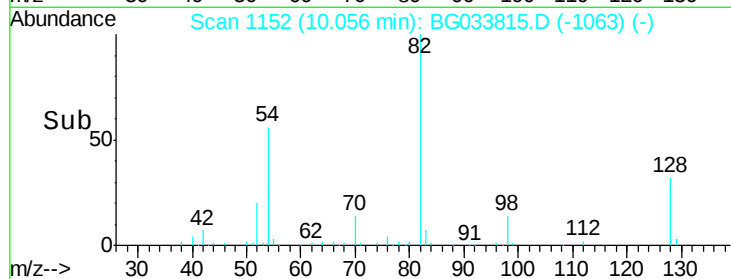
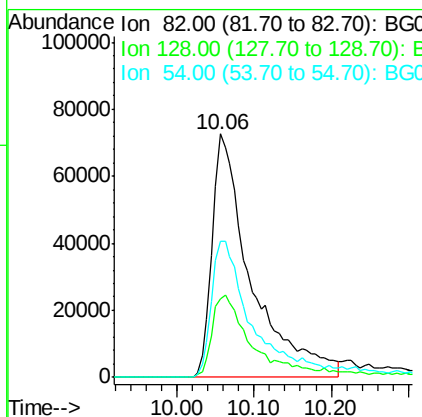
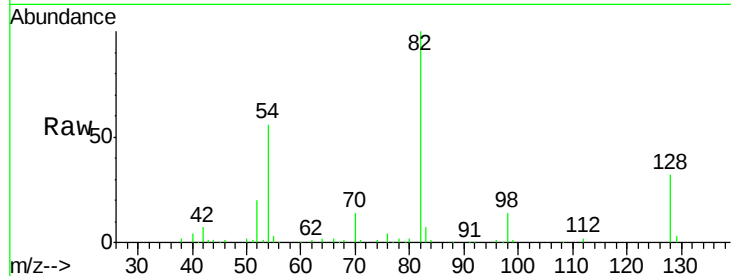




#23
 Nitrobenzene-d5
 Concen: 115.935 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

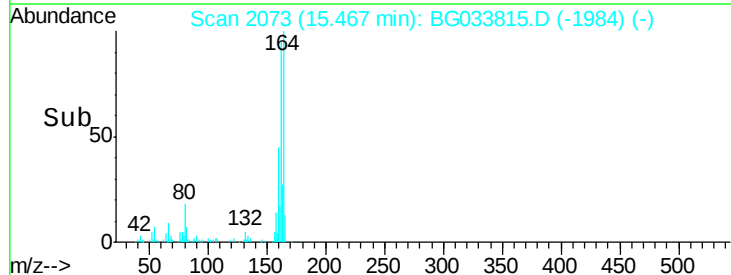
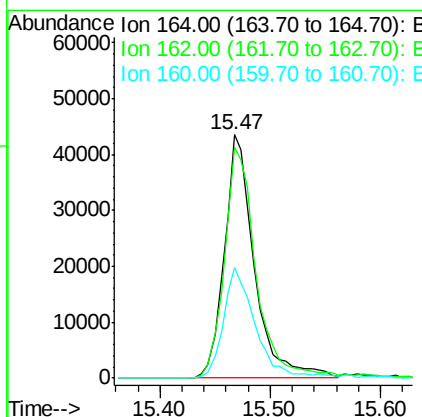
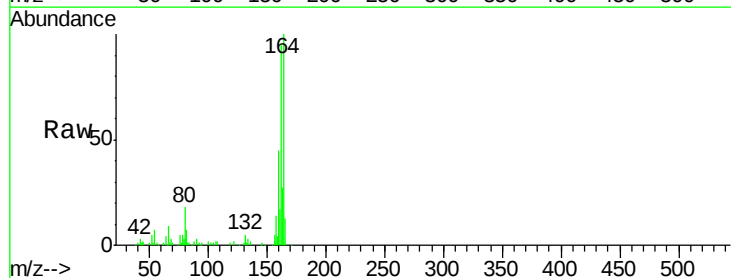
Instrument :
 BNA_G
 ClientSampled :

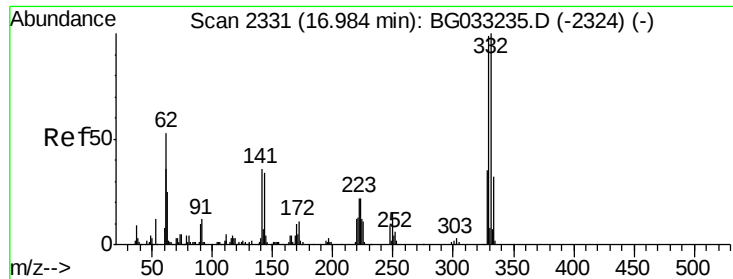
Tot Ion	82	Resp	254635
Ion Ratio	Lower	Upper	
82	100		
128	32.1	29.7	44.5
54	56.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion	164	Resp	83029
Ion Ratio	Lower	Upper	
164	100		
162	94.9	78.8	118.2
160	45.1	35.4	53.0

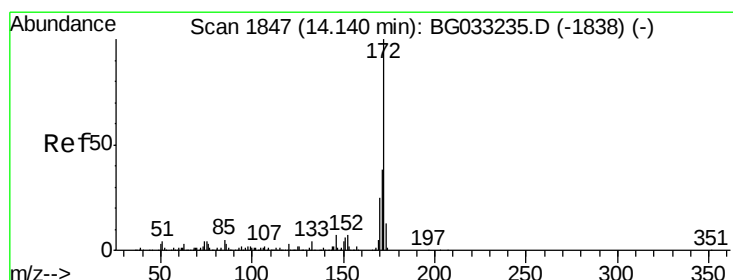
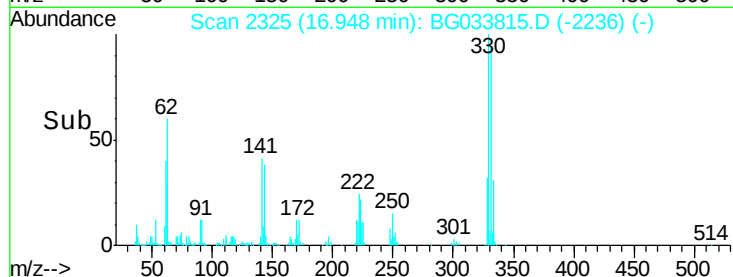
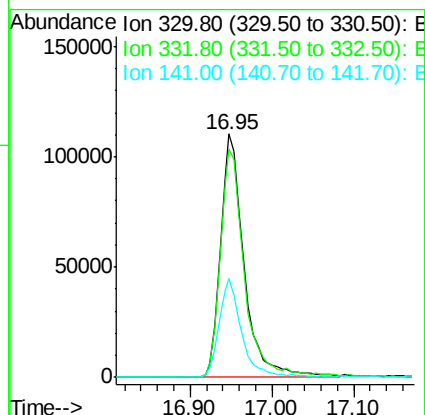
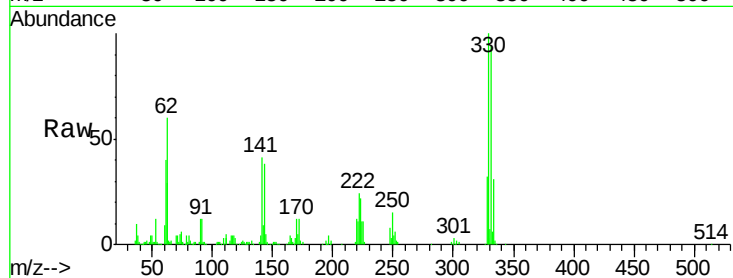




#41
 2,4,6-Tribromophenol
 Concen: 178.196 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

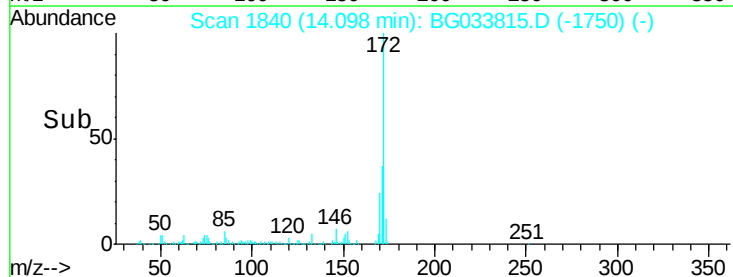
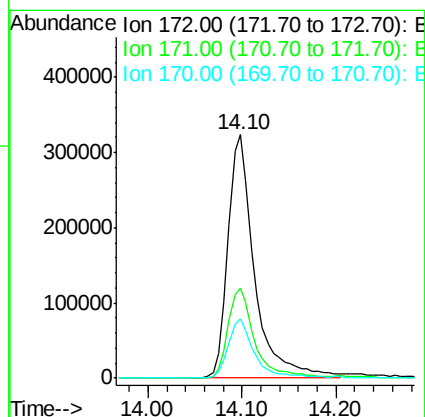
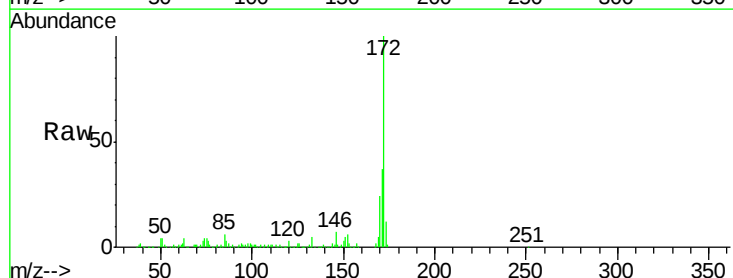
Instrument :
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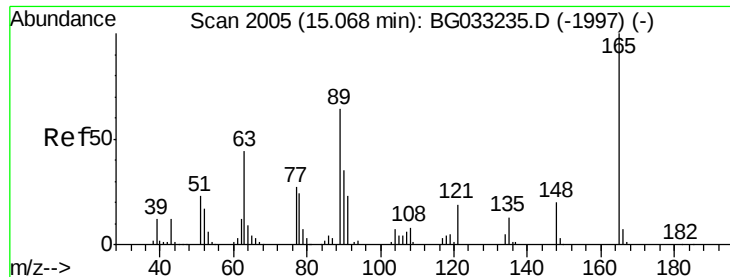
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	39.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 110.777 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.1	19.5	29.3

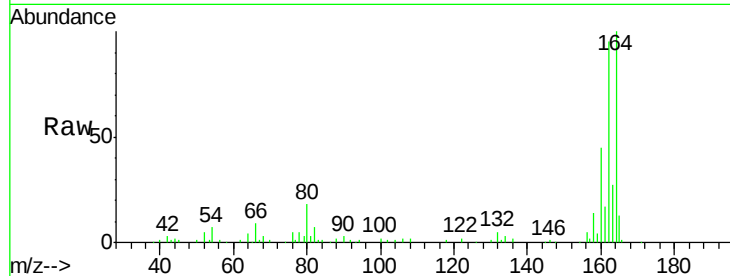




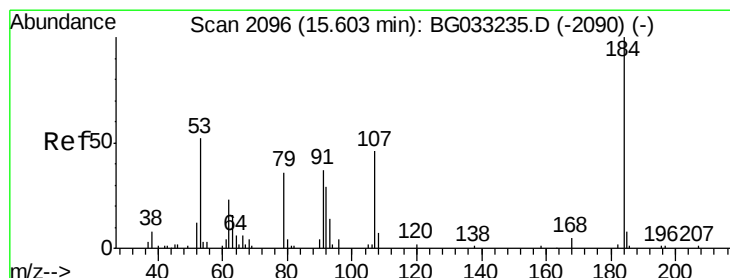
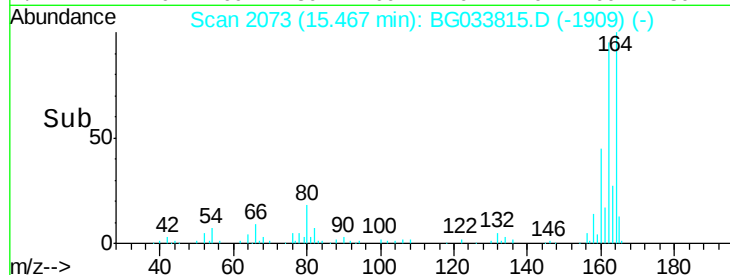
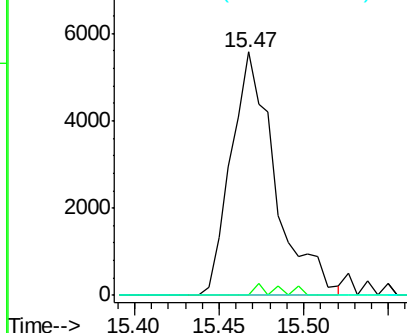
#50
 2,6-Dinitrotoluene
 Concen: 6.879 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.43 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10164
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

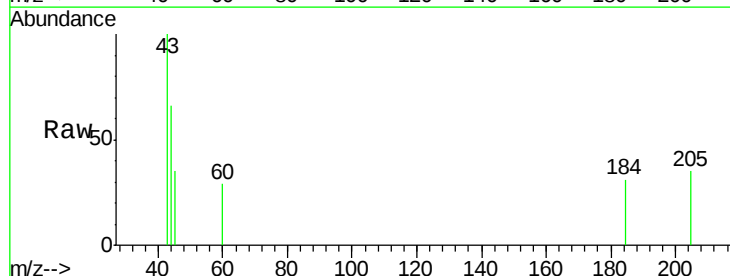


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

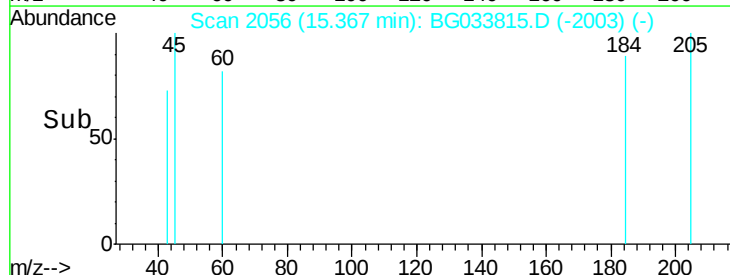
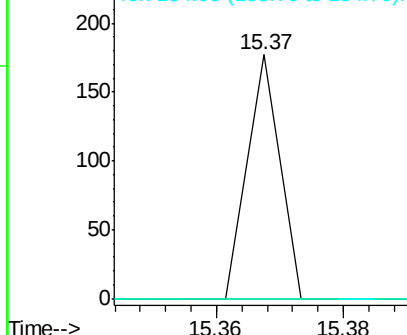


#53
 2,4-Dinitrophenol
 Concen: 7.716 ng
 RT: 15.37 min Scan# 2056
 Delta R.T. -0.22 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion:184 Resp: 62
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

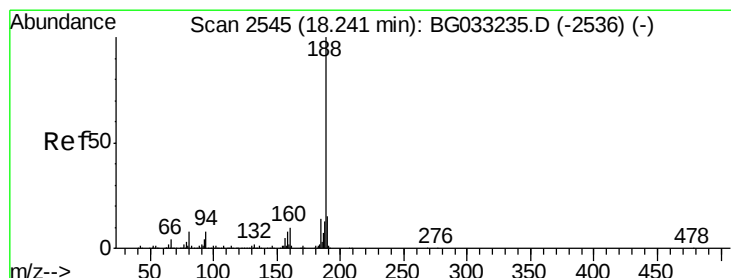
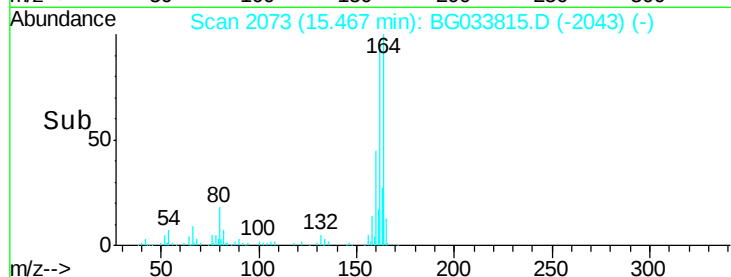
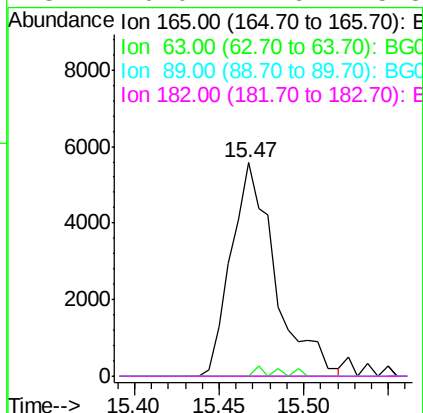
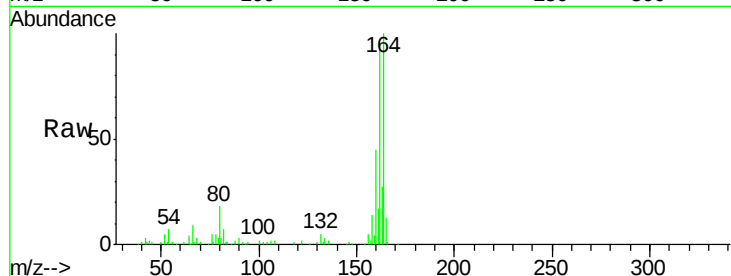




#56
 2,4-Dinitrotoluene
 Concen: 4.672 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

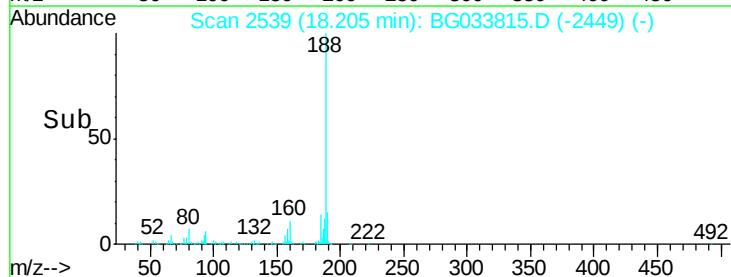
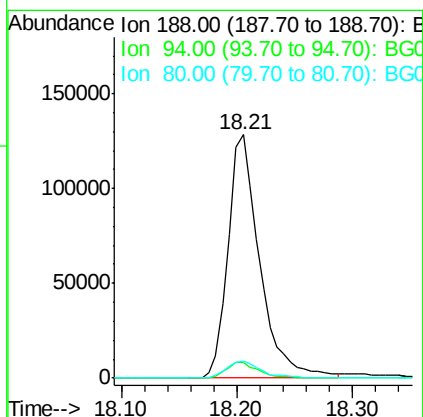
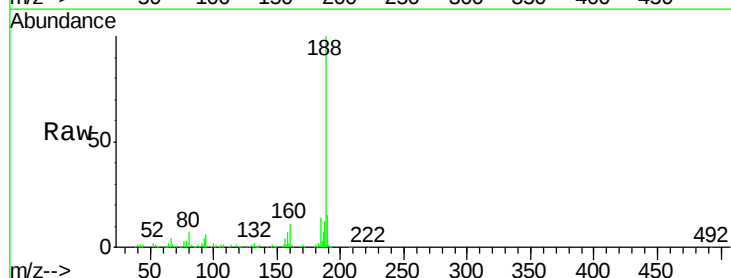
Instrument :
 BNA_G
 ClientSampleId :

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# 2539
 Delta R.T. -0.00 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	6.9	7.7	11.5#

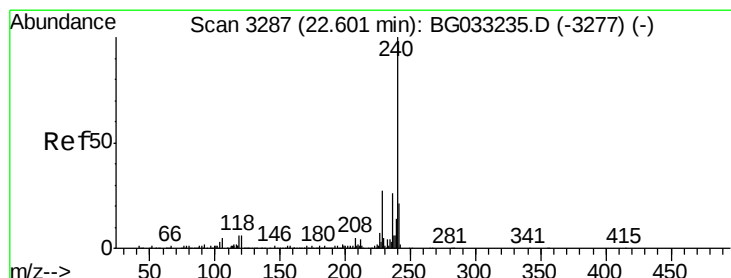
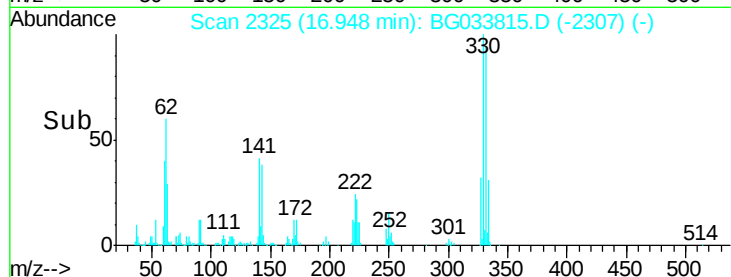
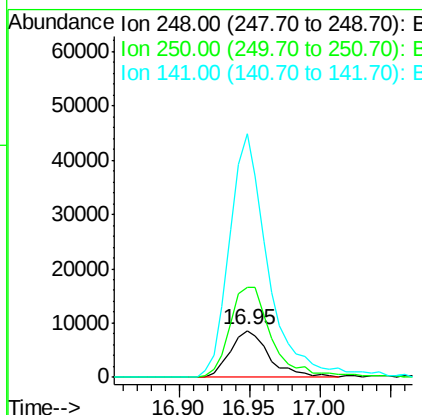
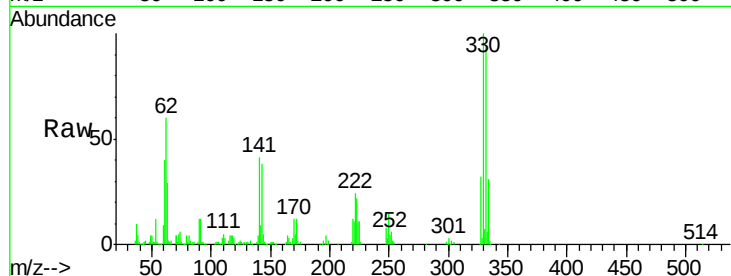




#66
 4-Bromophenyl-phenylether
 Concen: 5.783 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.42 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

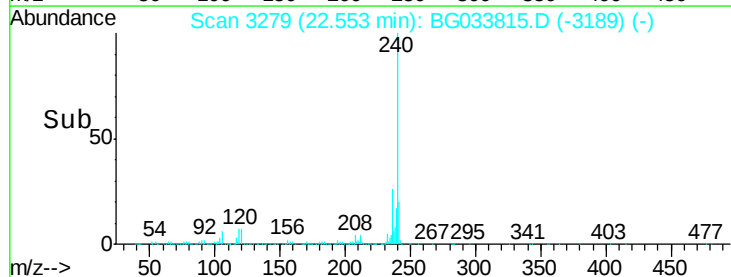
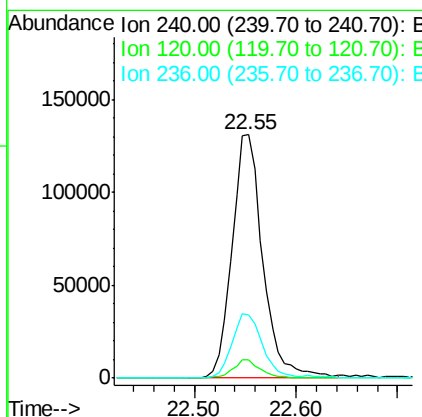
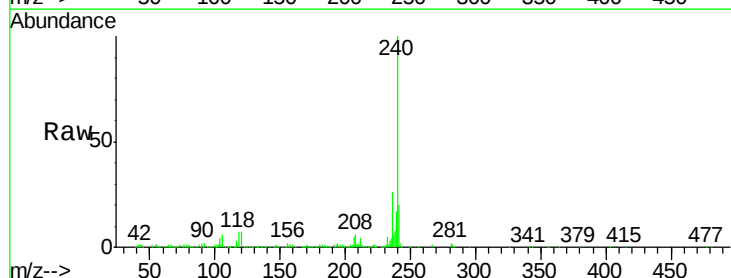
Instrument :
 BNA_G
 ClientSampleId :

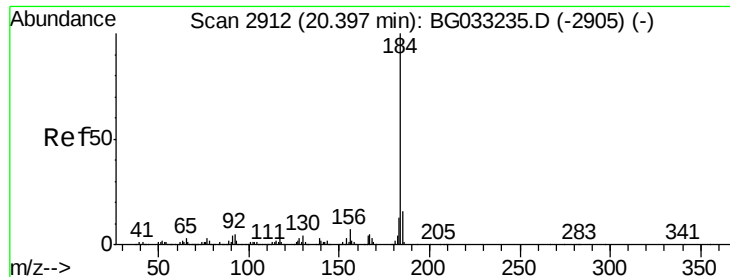
Tot Ion:248 Resp: 16535
 Ion Ratio Lower Upper
 248 100
 250 190.5 77.1 115.7#
 141 517.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.00 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Tgt Ion:240 Resp: 275968
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.8 10.2
 236 26.0 20.9 31.3

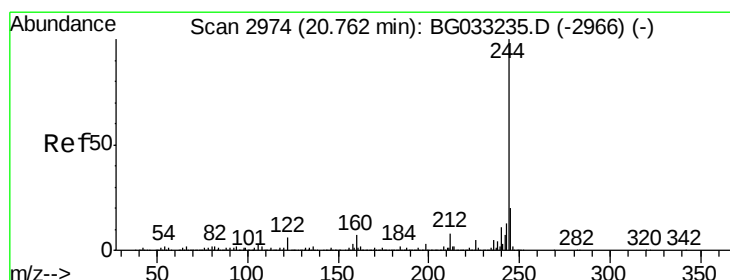
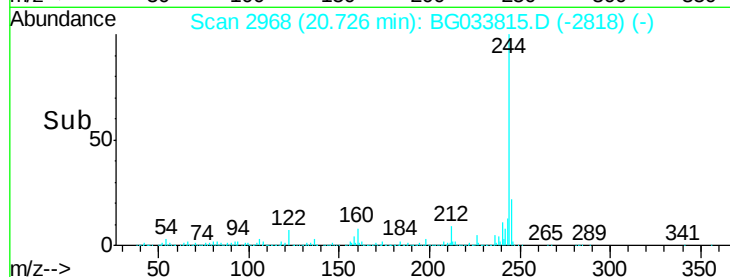
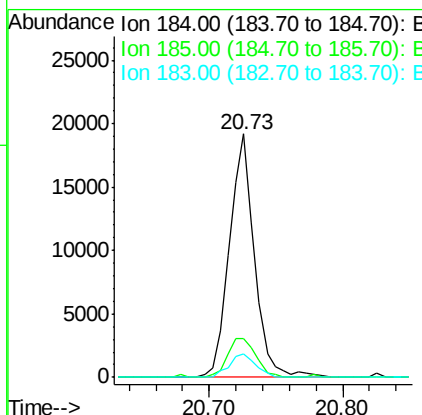
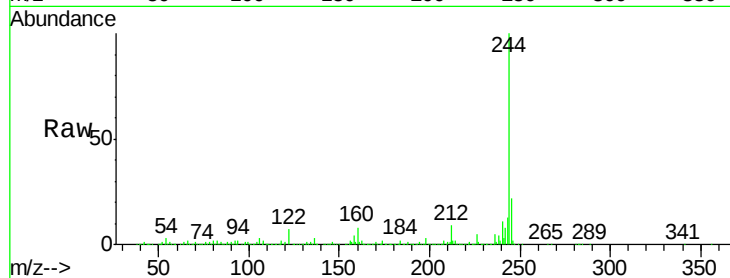




#76
Benzidine
Concen: 3.367 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.35 min
Lab File: BG033815.D
Acq: 16 Apr 2018 14:19

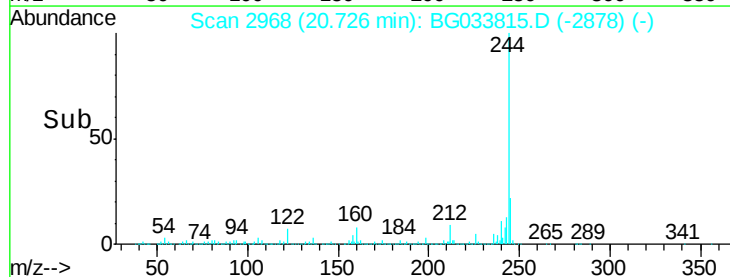
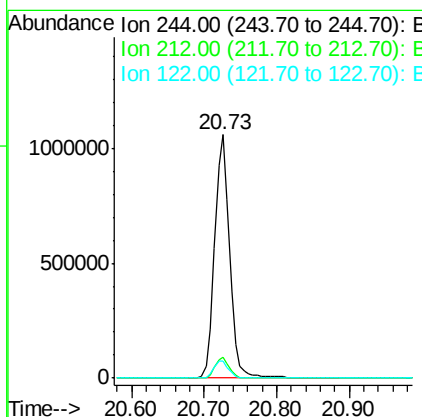
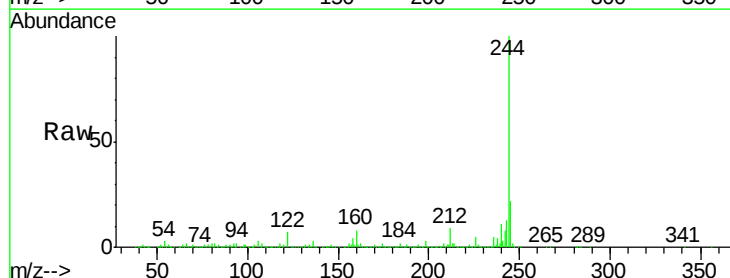
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 25198
Ion Ratio Lower Upper
184 100
185 15.9 11.1 16.7
183 9.6 10.6 16.0#



#78
Terphenyl-d14
Concen: 118.064 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033815.D
Acq: 16 Apr 2018 14:19

Tgt Ion:244 Resp: 1523508
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 7.2 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033815.D
 Acq: 16 Apr 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	19.6	17.4	26.0
265	21.0	17.7	26.5

