

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033426.D
 Acq On : 29 Mar 2018 18:57
 Operator : SJ/JU
 Sample : J1754-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 07:39:34 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

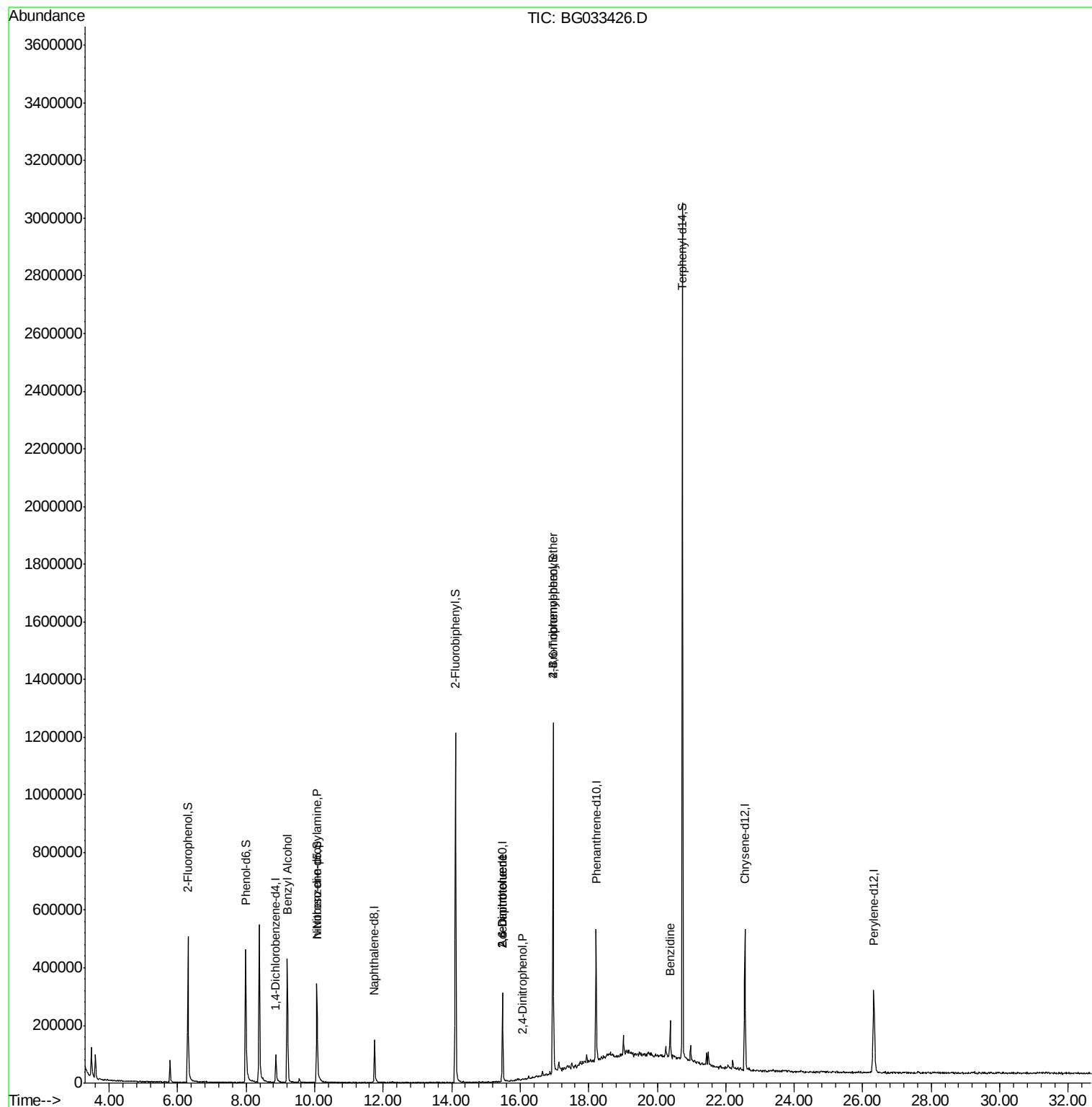
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	32986	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	141334	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	115287	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	325135	20.00	ng	0.00
75) Chrysene-d12	22.56	240	358953	20.00	ng	0.00
86) Perylene-d12	26.32	264	392108	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	238381	135.51	ng	0.00
7) Phenol-d6	7.99	99	338982	112.15	ng	0.00
23) Nitrobenzene-d5	10.07	82	268927	87.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	255070	147.93	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	694727	86.99	ng	0.00
78) Terphenyl-d14	20.74	244	1515244	90.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4841	2.034	ng	# 48
19) n-Nitroso-di-n-propylamine	10.07	70	34748	15.689	ng	# 79
50) 2,6-Dinitrotoluene	15.48	165	15041	7.332	ng	# 20
53) 2,4-Dinitrophenol	16.06	184	64	7.697	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	15041	4.979	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	18705	4.899	ng	# 1
76) Benizidine	20.37	184	67651	6.950	ng	# 95

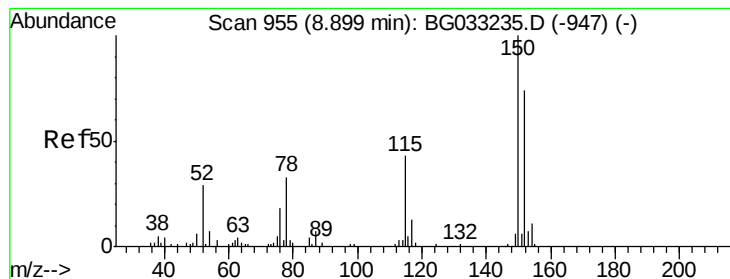
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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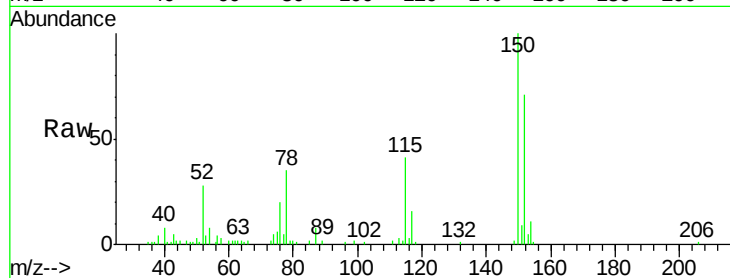


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.0	126.6	189.8
115	57.1	53.0	79.4

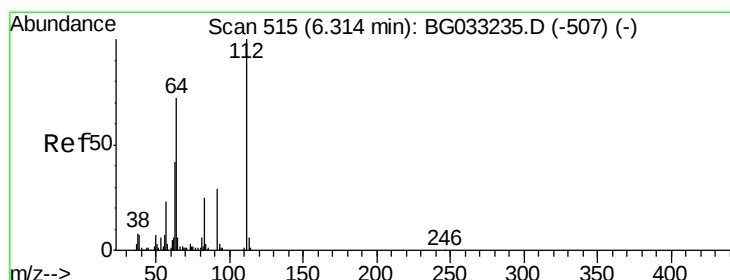
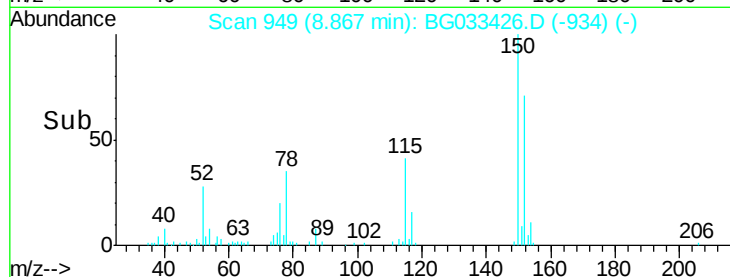
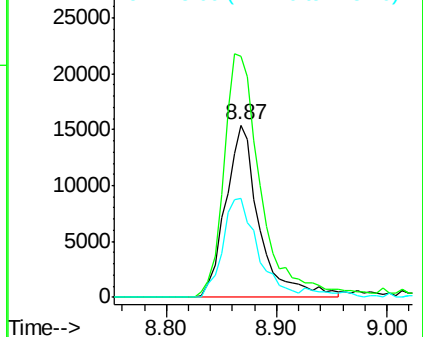


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

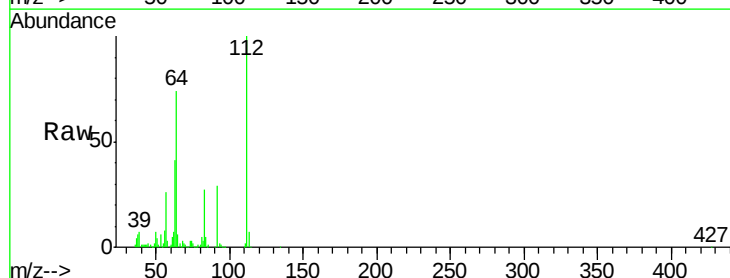
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.510 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	56.3	84.5
63	41.0	30.1	45.1

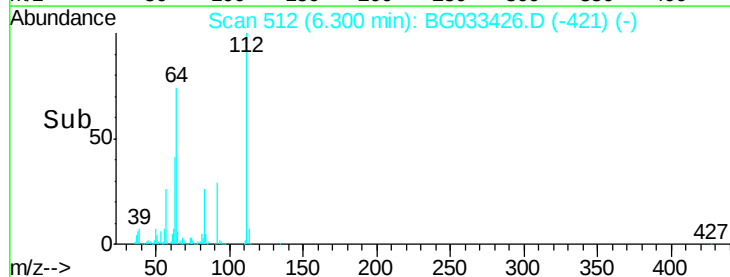
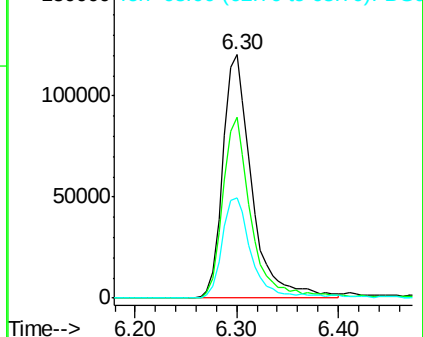


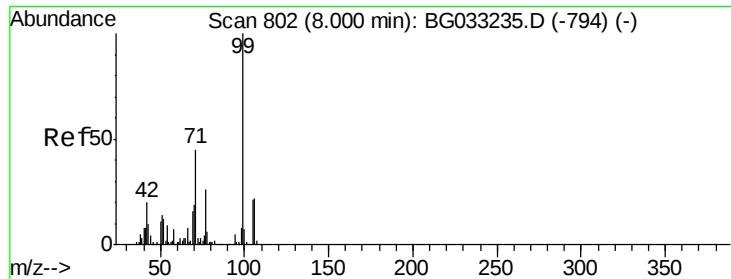
Abundance

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: 112.150 ng

RT: 7.99 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033426.D

Acq: 29 Mar 2018 18:57

Instrument :

BNA_G

ClientSampleId :

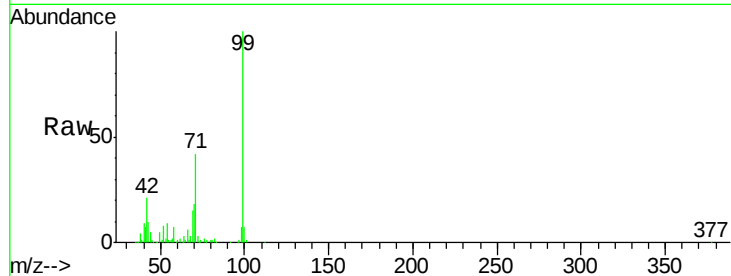
Tot Ion: 99 Resp: 338982

Ion Ratio Lower Upper

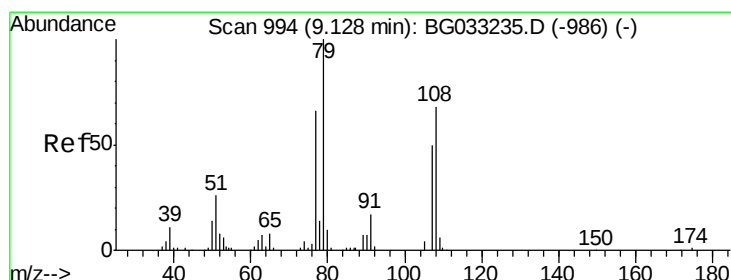
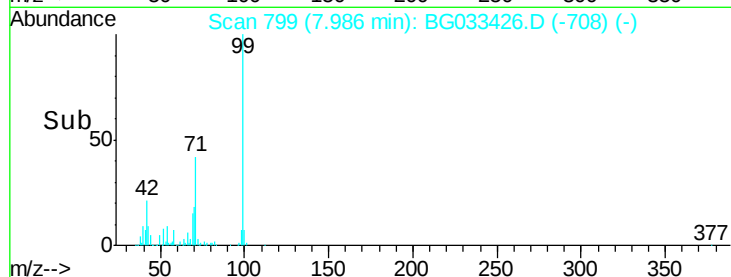
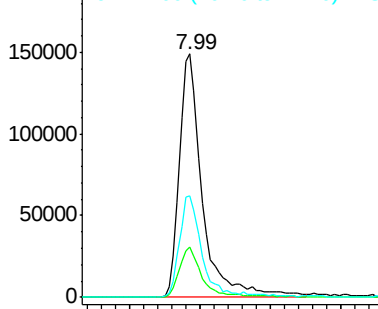
99 100

42 20.6 14.1 21.1

71 41.6 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: 2.034 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033426.D

Acq: 29 Mar 2018 18:57

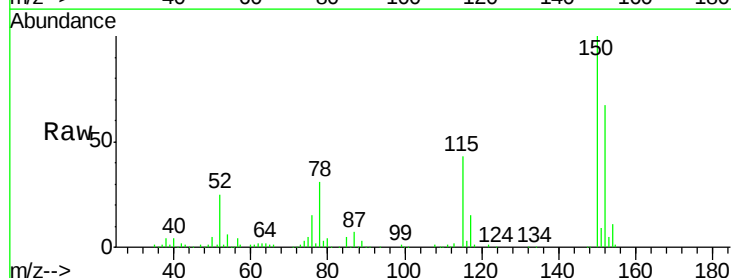
Tgt Ion: 79 Resp: 4841

Ion Ratio Lower Upper

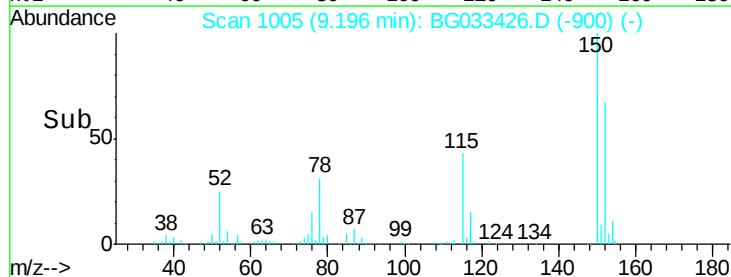
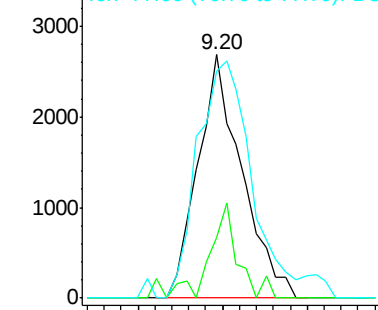
79 100

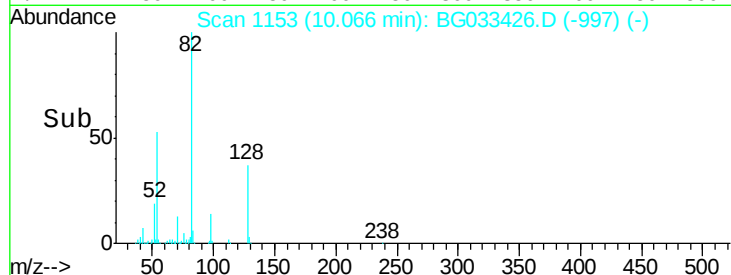
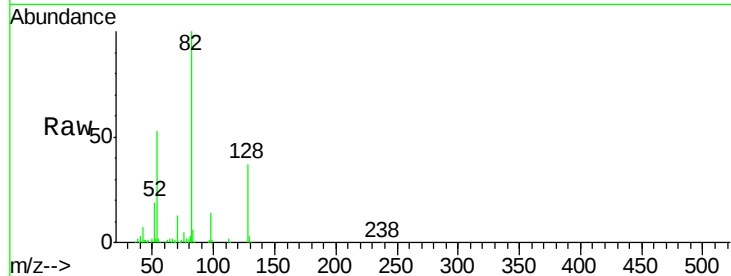
108 25.1 57.2 85.8#

77 93.3 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

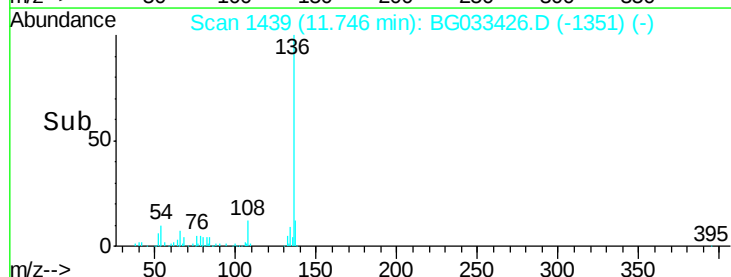
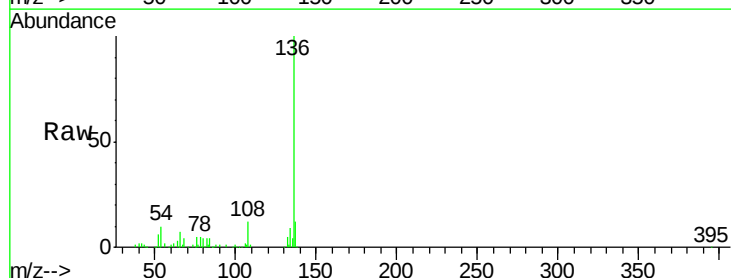
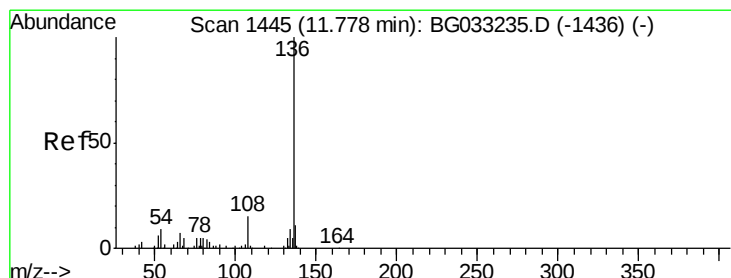
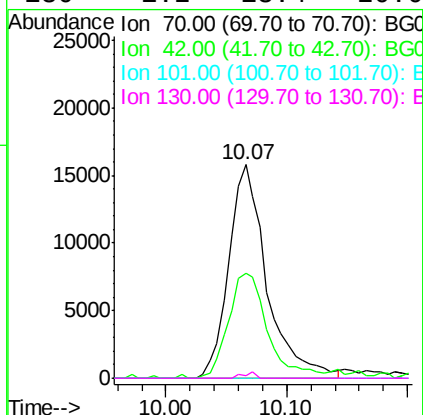




#19
n-Nitroso-di-n-propylamine
Concen: 15.689 ng
RT: 10.07 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

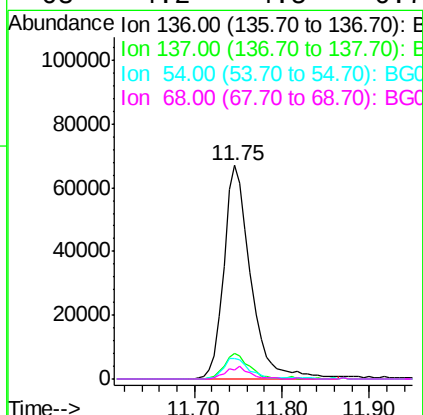
Instrument :
BNA_G
ClientSampleId :

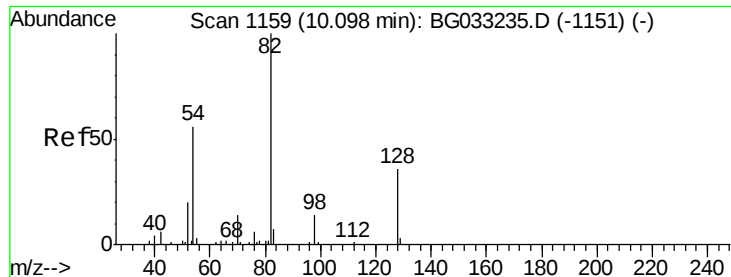
Tot Ion	70	Resp	34748
Ion Ratio	Lower	Upper	
70	100		
42	49.2	49.1	73.7
101	0.0	8.5	12.7#
130	1.2	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Tgt Ion	136	Resp	141334
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.2	13.8
54	9.5	10.3	15.5#
68	4.2	4.5	6.7#

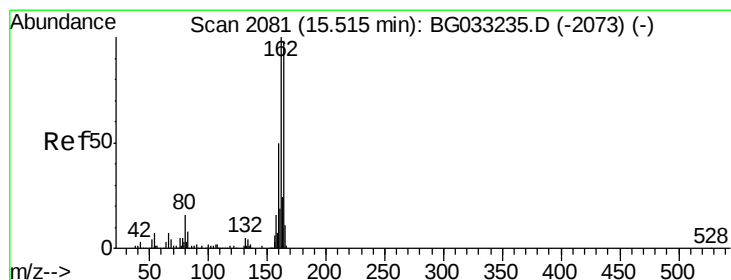
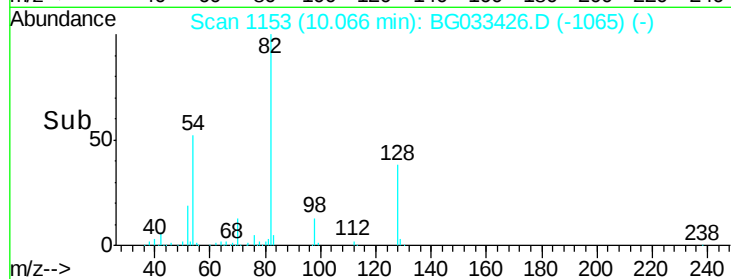
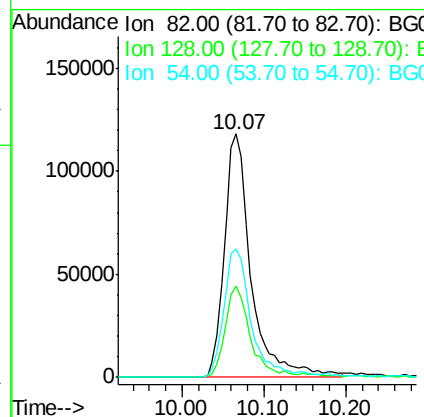
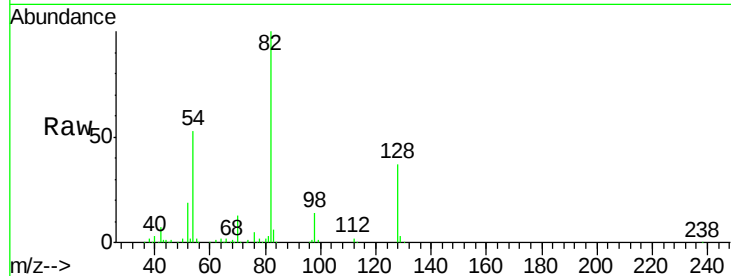




#23
 Nitrobenzene-d5
 Concen: 87.421 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

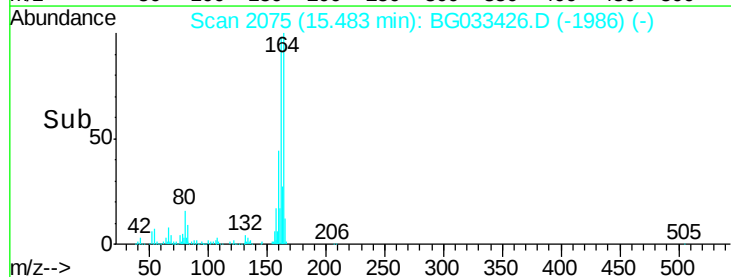
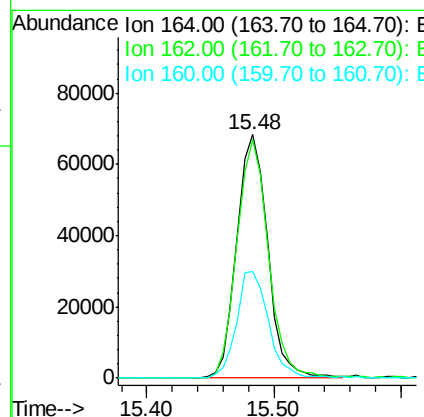
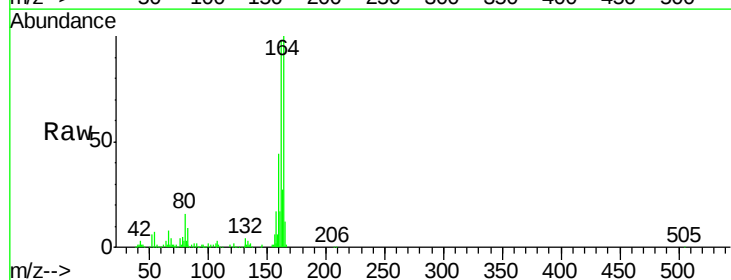
Instrument :
 BNA_G
 ClientSampleId :

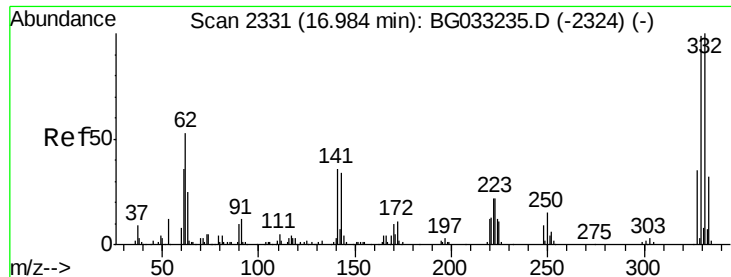
Tot Ion	82	Resp	268927
Ion Ratio	Lower	Upper	
82	100		
128	37.4	29.7	44.5
54	52.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion	164	Resp	115287
Ion Ratio	Lower	Upper	
164	100		
162	97.9	78.8	118.2
160	43.9	35.4	53.0

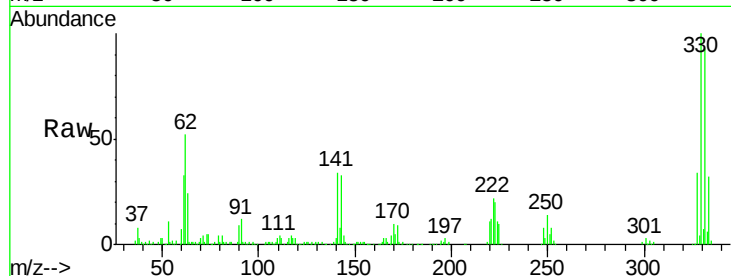




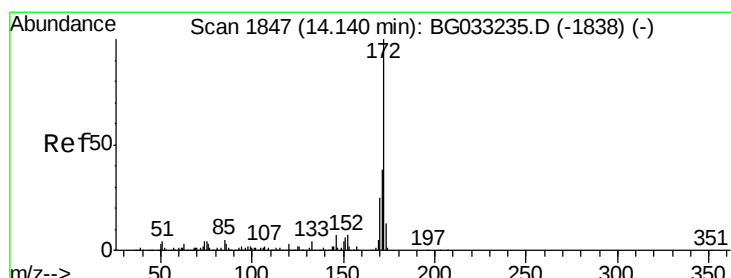
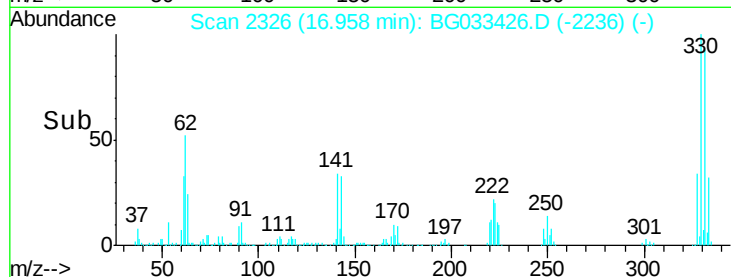
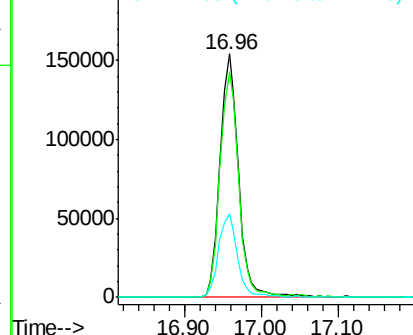
#41
 2,4,6-Tribromophenol
 Concen: 147.931 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	34.5	25.2	37.8

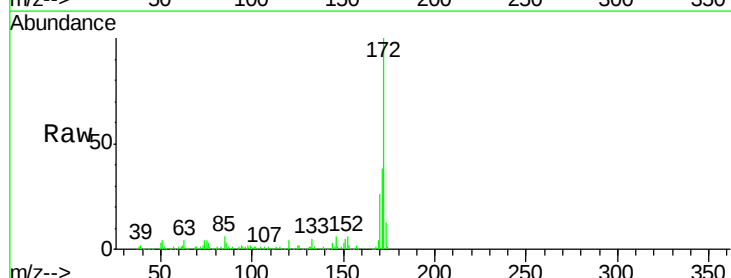


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

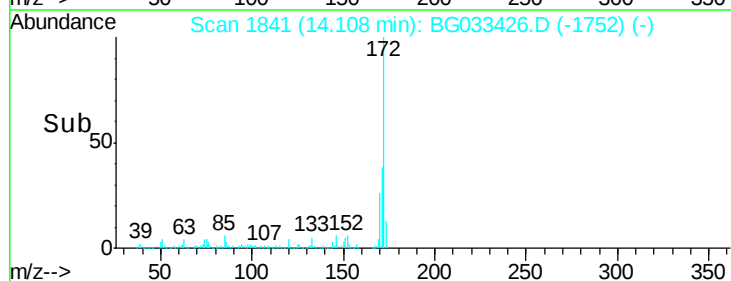
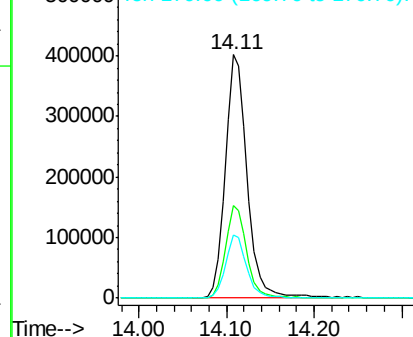


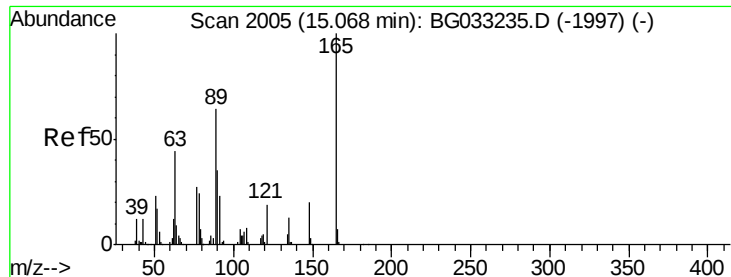
#44
 2-Fluorobiphenyl
 Concen: 86.994 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.8	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

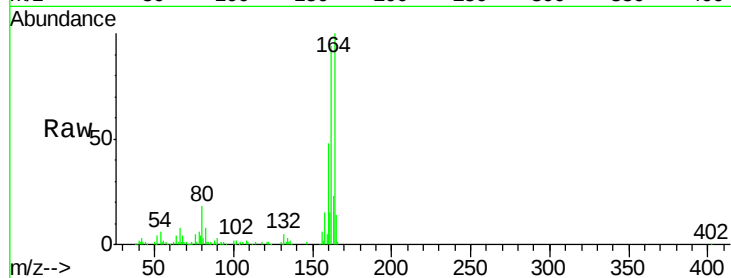




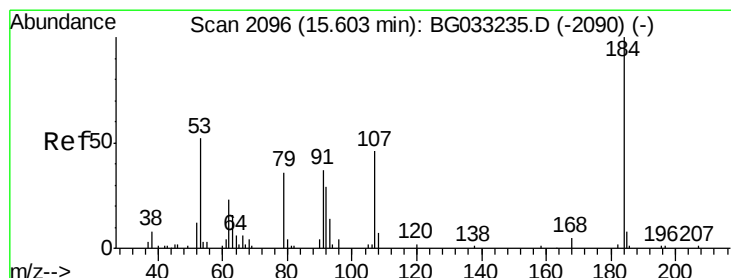
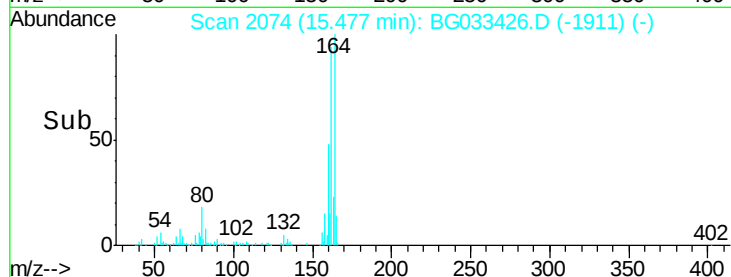
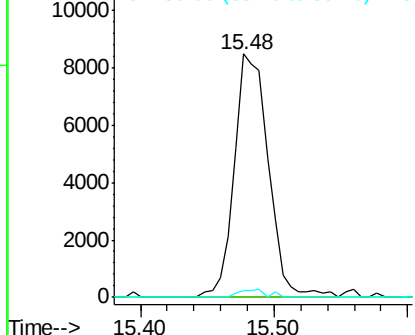
#50
 2,6-Dinitrotoluene
 Concen: 7.332 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.43 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 15041
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.6 49.2 73.8#

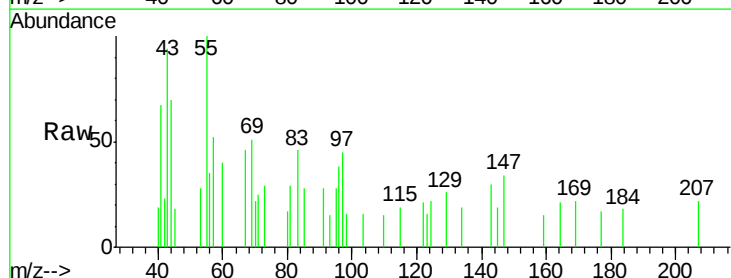


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

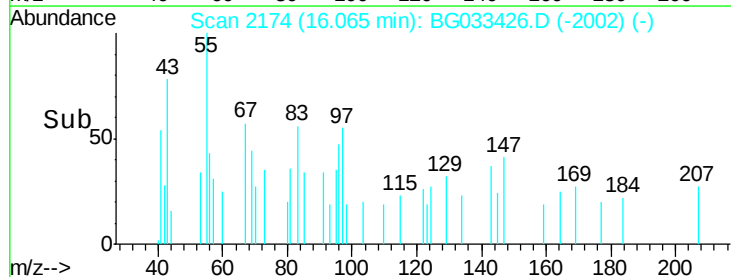
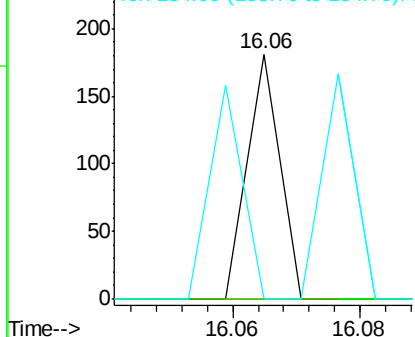


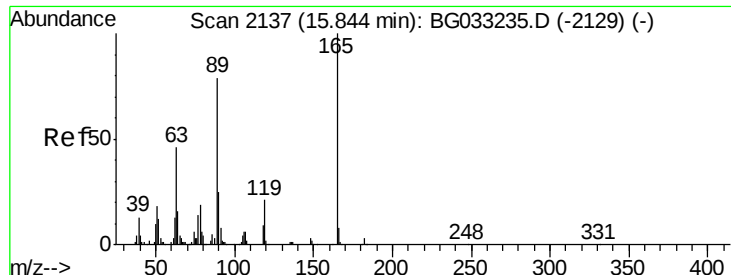
#53
 2,4-Dinitrophenol
 Concen: 7.697 ng
 RT: 16.06 min Scan# 2174
 Delta R.T. 0.48 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion:184 Resp: 64
 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): BGO
 Ion 154.00 (153.70 to 154.70): E

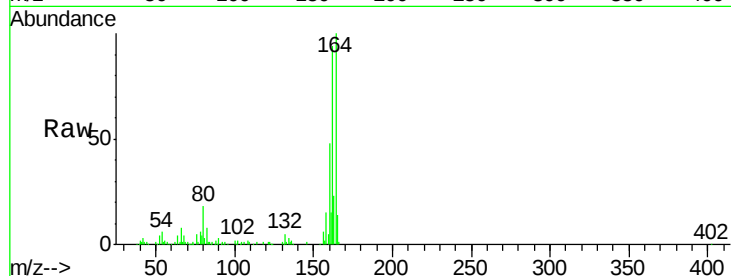




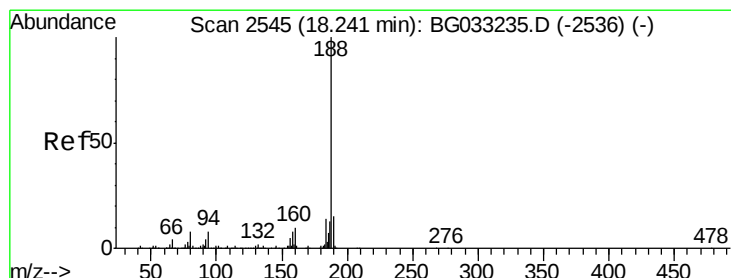
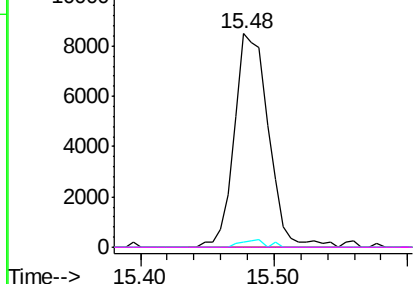
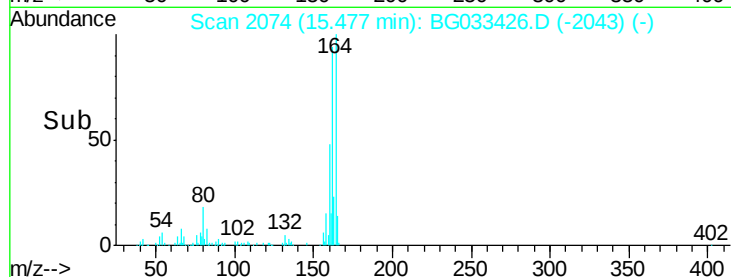
#56
 2,4-Dinitrotoluene
 Concen: 4.979 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15041
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#

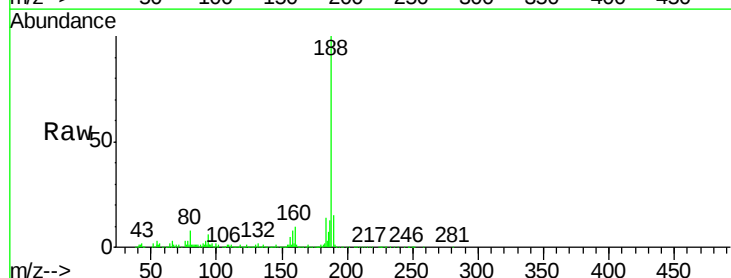


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

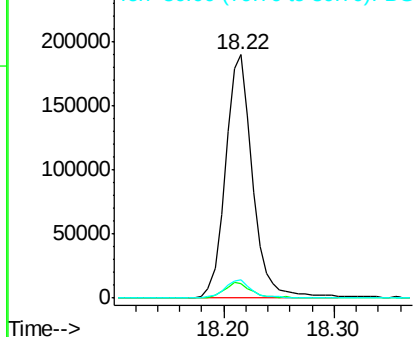
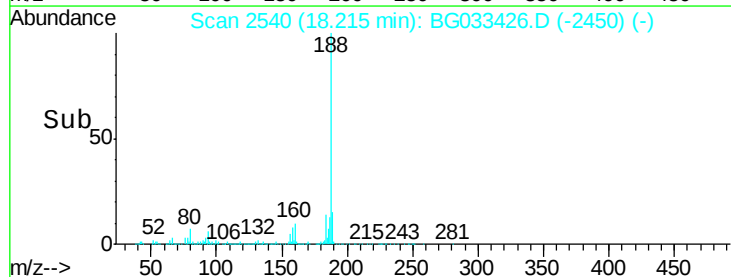


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.22 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion:188 Resp: 325135
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.7 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

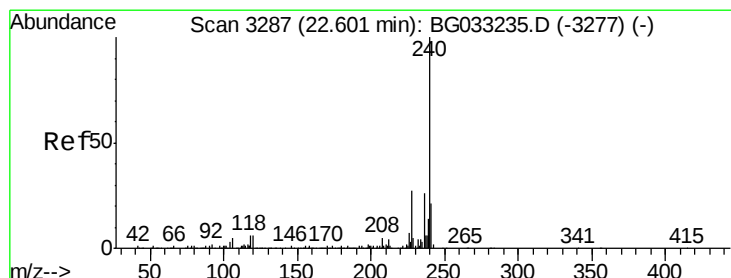
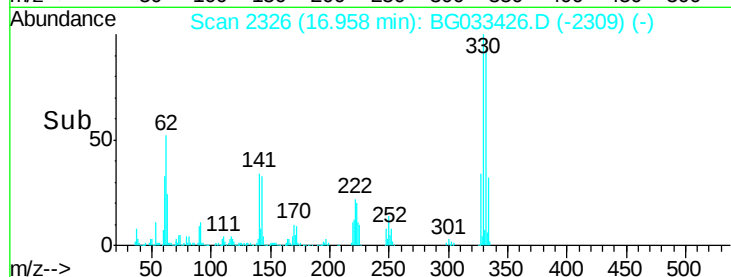
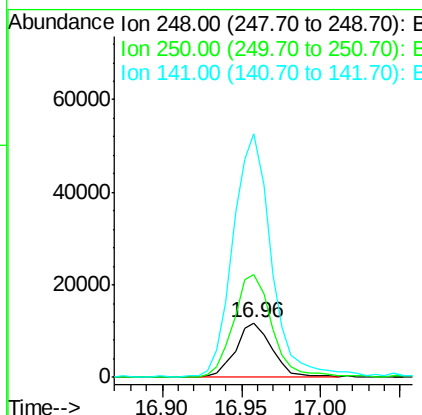
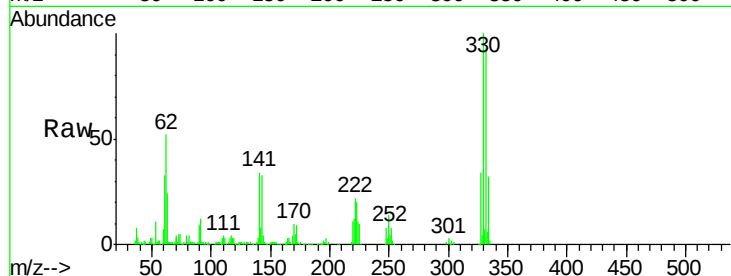




#66
 4-Bromophenyl-phenylether
 Concen: 4.899 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

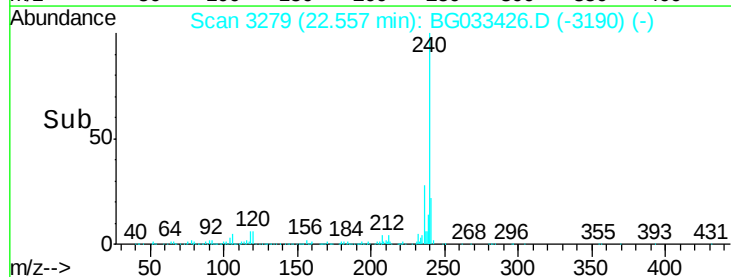
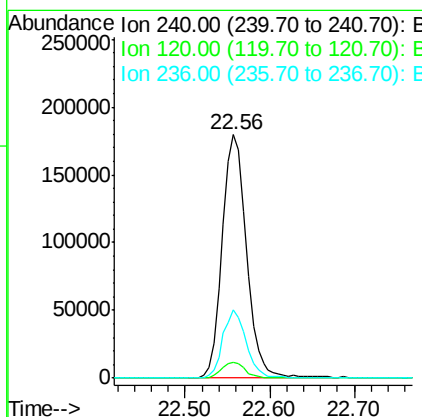
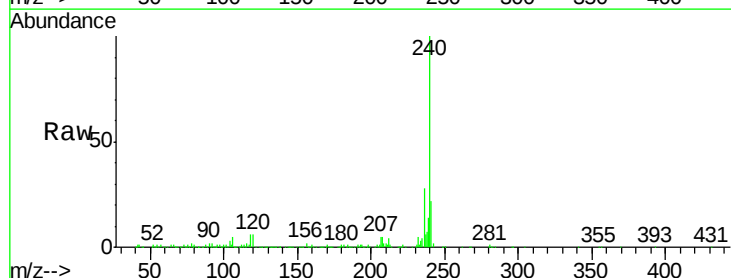
Instrument :
 BNA_G
 ClientSampleId :

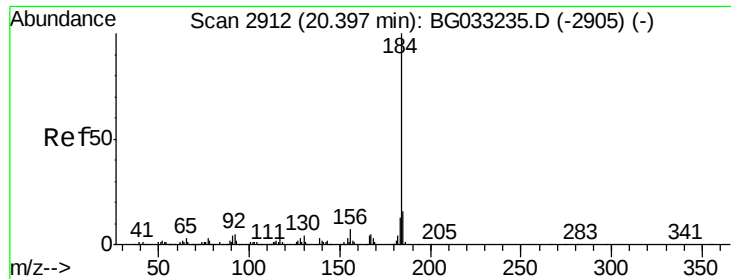
Tot Ion:248 Resp: 18705
 Ion Ratio Lower Upper
 248 100
 250 189.8 77.1 115.7#
 141 447.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033426.D
 Acq: 29 Mar 2018 18:57

Tgt Ion:240 Resp: 358953
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 27.8 20.9 31.3

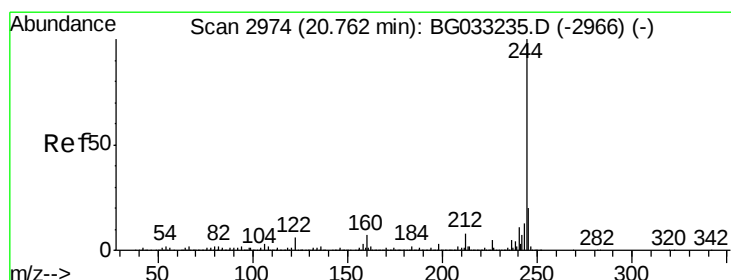
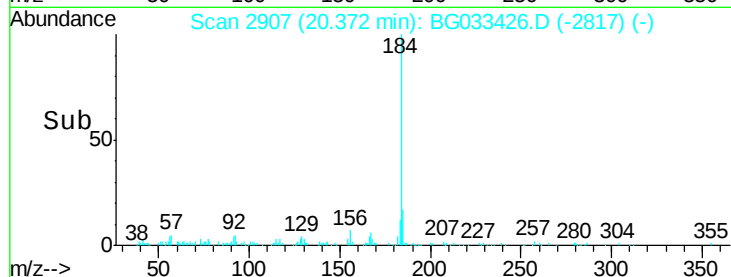
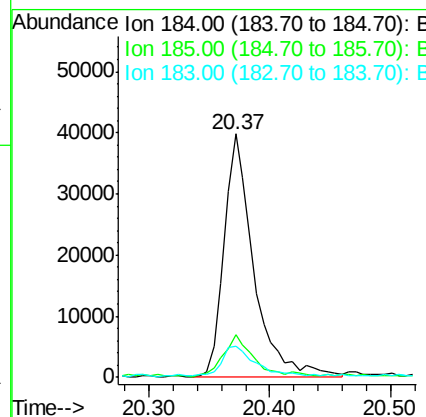
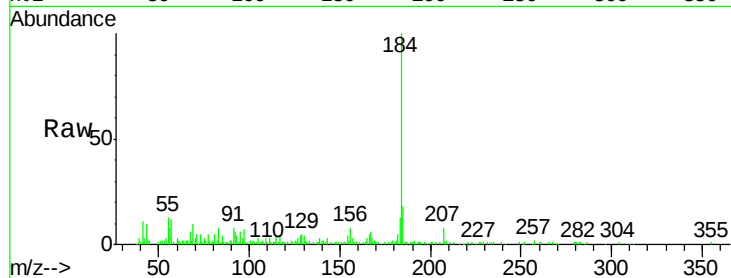




#76
Benzidine
Concen: 6.950 ng
RT: 20.37 min Scan# 2907
Delta R.T. 0.00 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

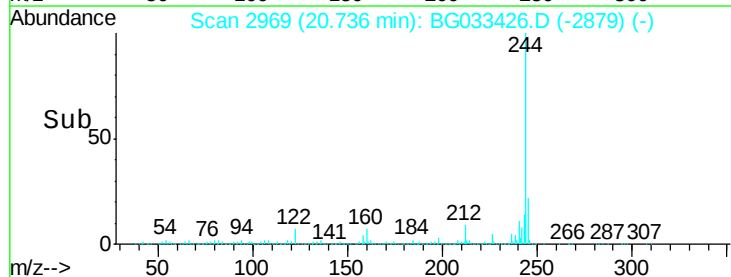
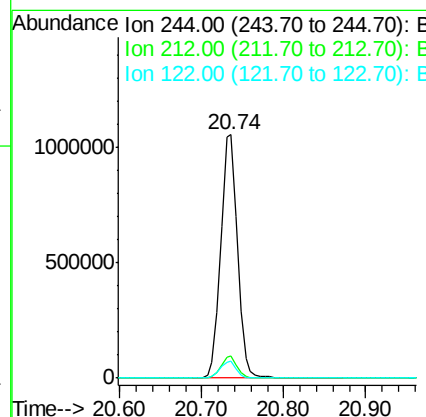
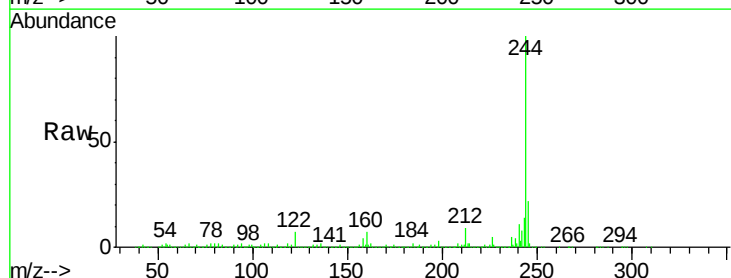
Instrument :
BNA_G
ClientSampled :

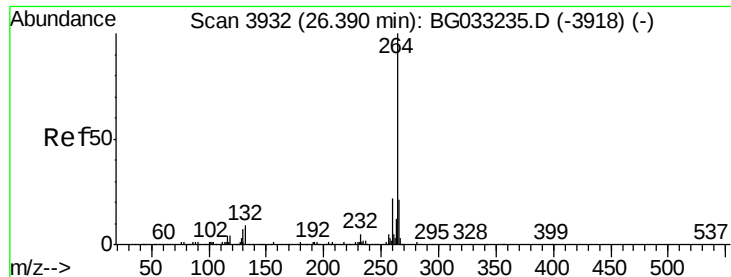
Tot Ion:184 Resp: 67651
Ion Ratio Lower Upper
184 100
185 17.7 11.1 16.7#
183 12.9 10.6 16.0



#78
Terphenyl-d14
Concen: 90.277 ng
RT: 20.74 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Tgt Ion:244 Resp: 1515244
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 6.9 7.0 10.4#

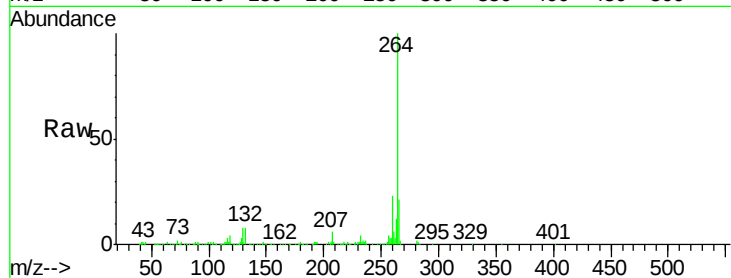




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033426.D
Acq: 29 Mar 2018 18:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.9	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

