

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033412.D
 Acq On : 29 Mar 2018 8:50
 Operator : SJ/JU
 Sample : J2063-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 29 11:41:38 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

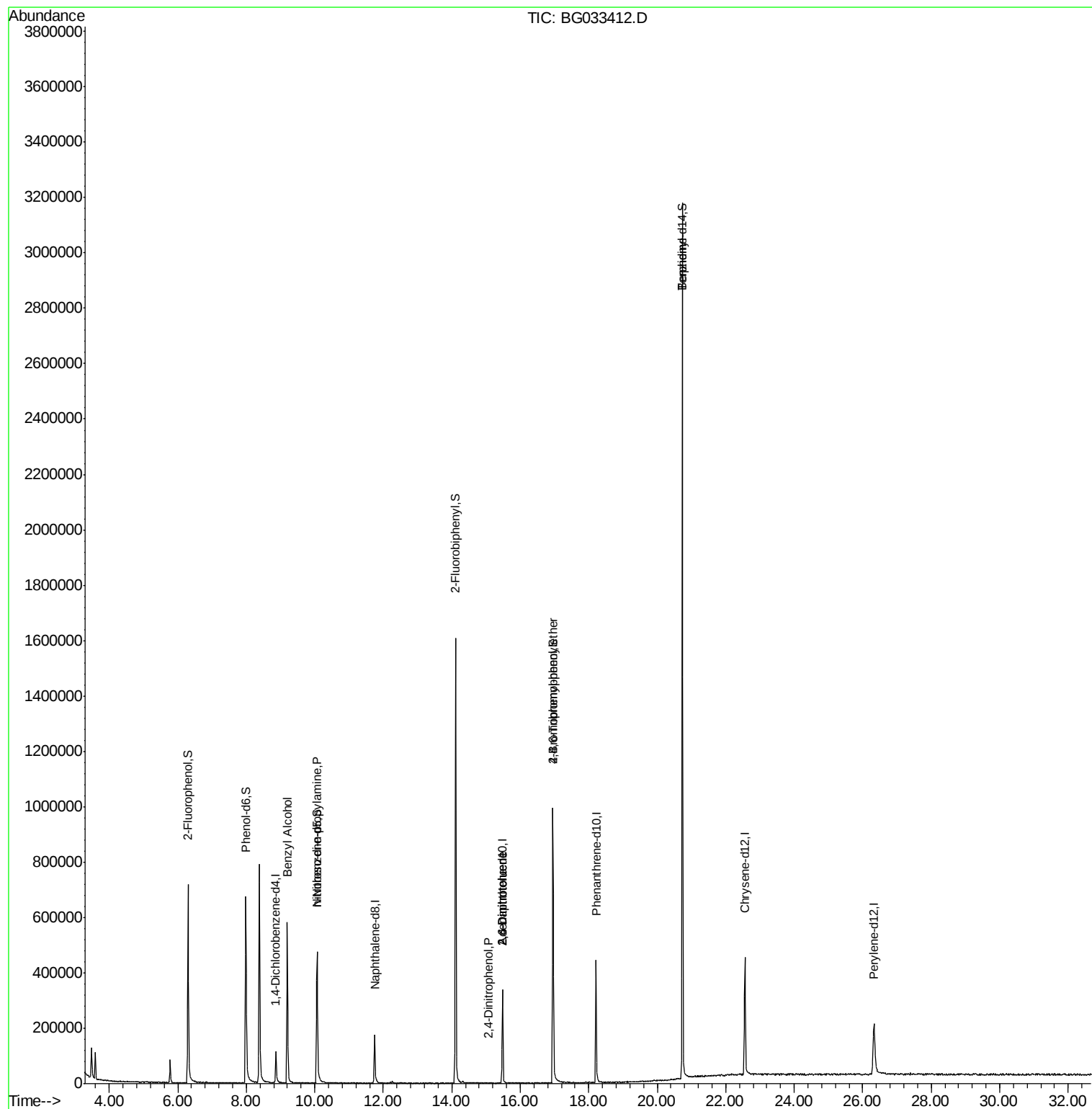
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	40438	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	168388	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	129270	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316128	20.00	ng	0.00
75) Chrysene-d12	22.56	240	326535	20.00	ng	0.00
86) Perylene-d12	26.33	264	305578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	339626	157.49	ng	0.00
7) Phenol-d6	7.99	99	474316	128.01	ng	0.00
23) Nitrobenzene-d5	10.06	82	370831	101.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	223372	115.53	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	897276	100.20	ng	0.00
78) Terphenyl-d14	20.73	244	1573121	103.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6334	2.171	ng	# 59
19) n-Nitroso-di-n-propylamine	10.07	70	50257	18.510	ng	# 72
50) 2,6-Dinitrotoluene	15.49	165	16843	7.322	ng	# 18
53) 2,4-Dinitrophenol	15.07	184	55	7.685	ng	# 1
56) 2,4-Dinitrotoluene	15.49	165	16914	4.994	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17249	4.646	ng	# 1
76) Benizidine	20.73	184	25455	2.875	ng	# 93

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

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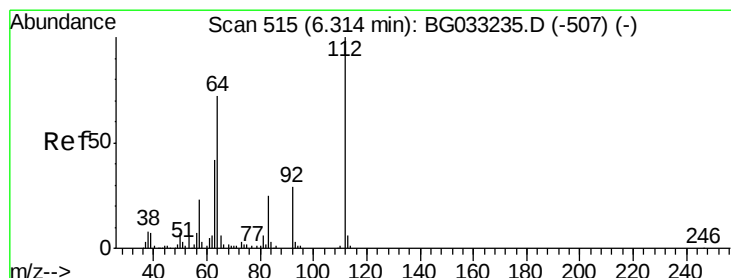
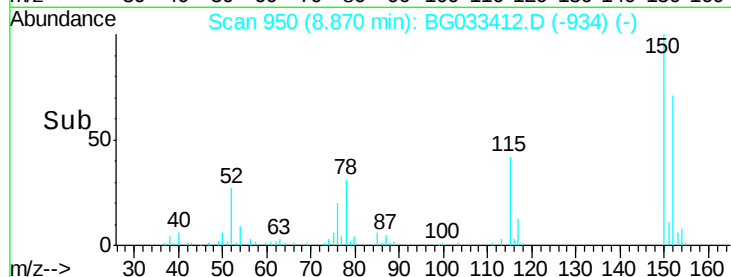
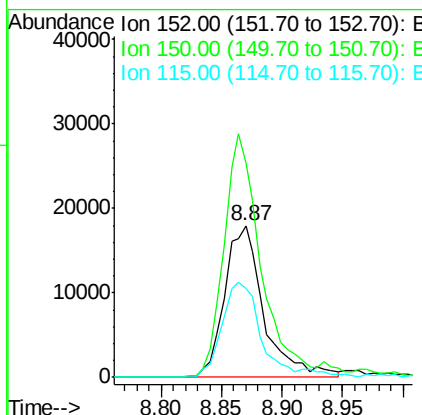
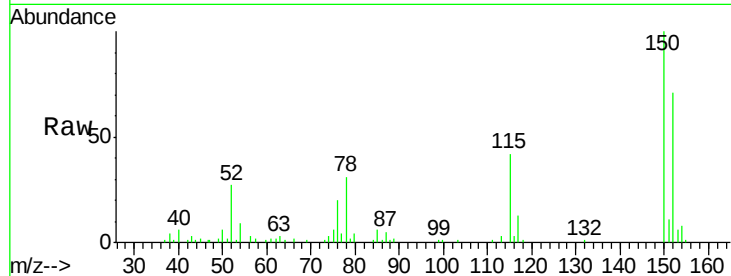




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

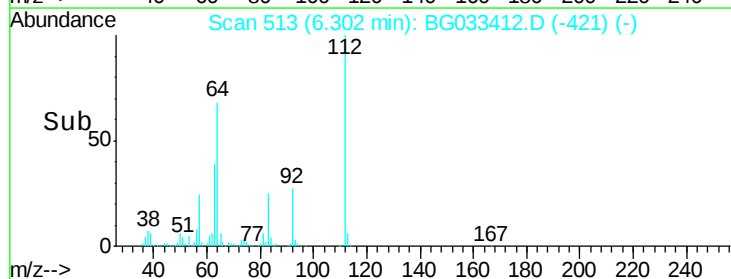
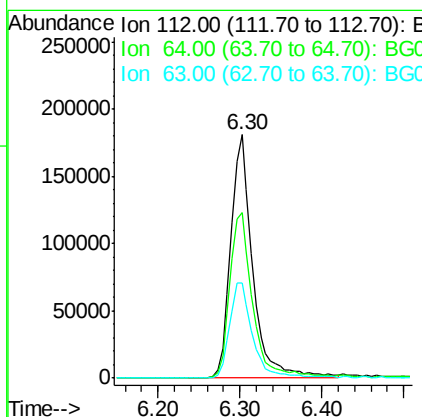
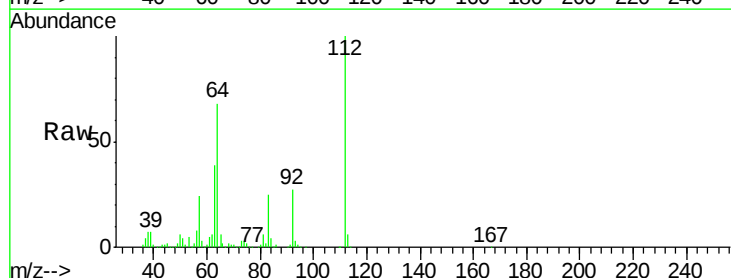
Instrument :
 BNA_G
 ClientSampled :

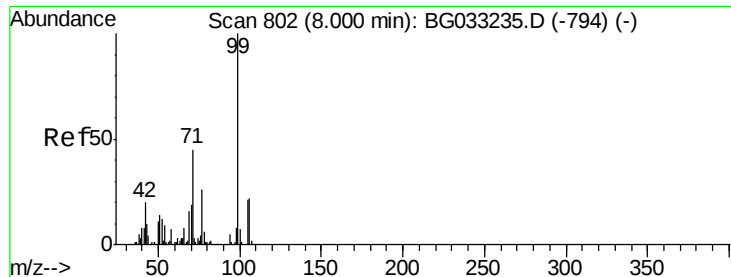
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	126.6	189.8
115	58.5	53.0	79.4



#5
 2-Fluorophenol
 Concen: 157.485 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.3	84.5
63	38.9	30.1	45.1





#7

Phenol-d6

Concen: 128.007 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

Instrument :

BNA_G

ClientSampled :

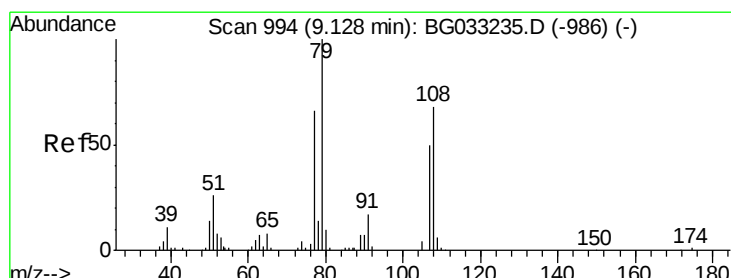
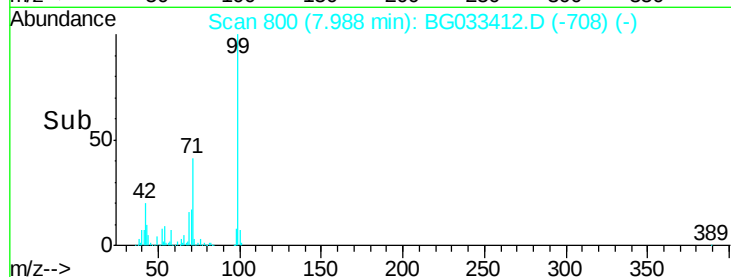
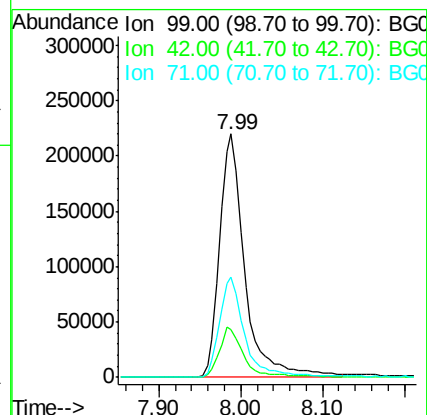
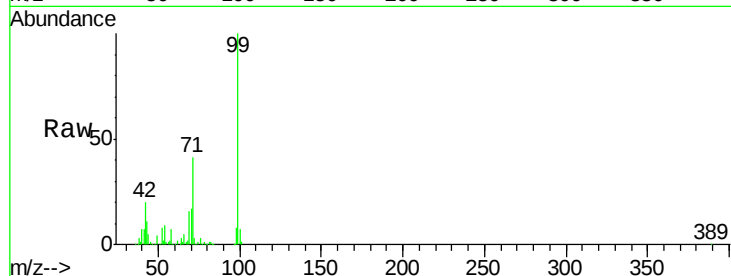
Tot Ion: 99 Resp: 474316

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

71 41.3 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.171 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.10 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

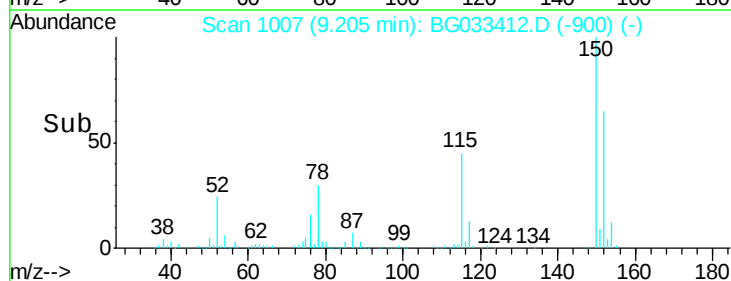
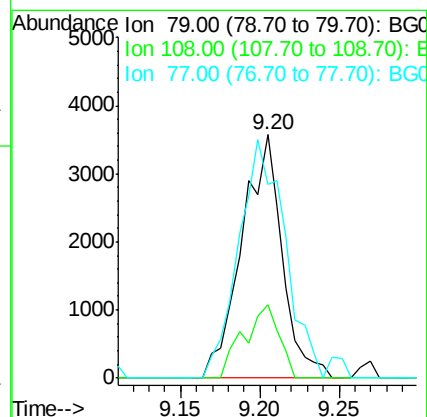
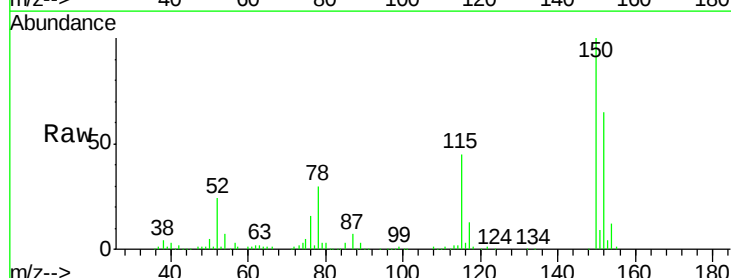
Tgt Ion: 79 Resp: 6334

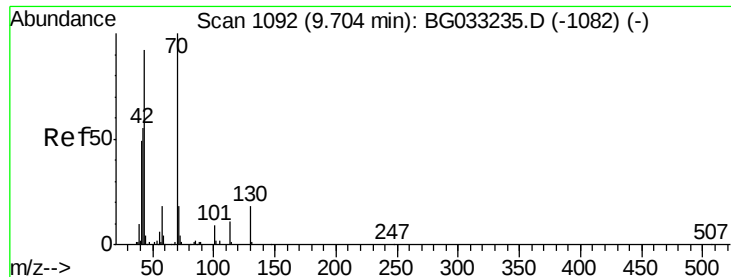
Ion Ratio Lower Upper

79 100

108 30.2 57.2 85.8#

77 79.8 46.1 69.1#

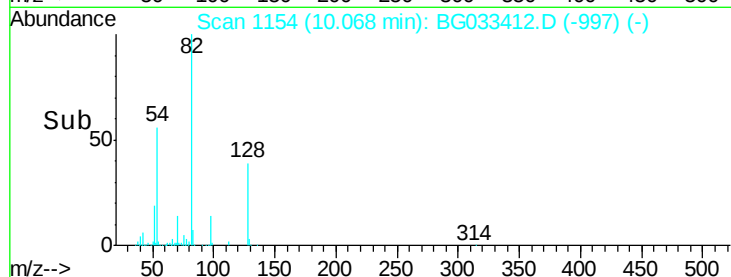
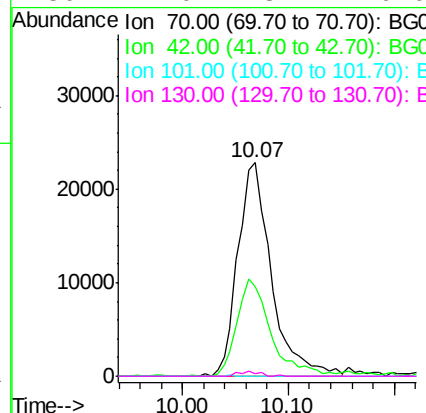
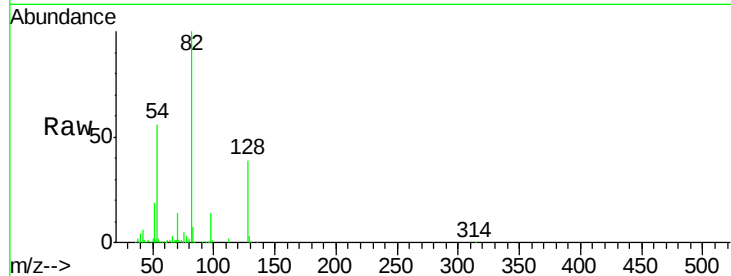




#19
n-Nitroso-di-n-propylamine
Concen: 18.510 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

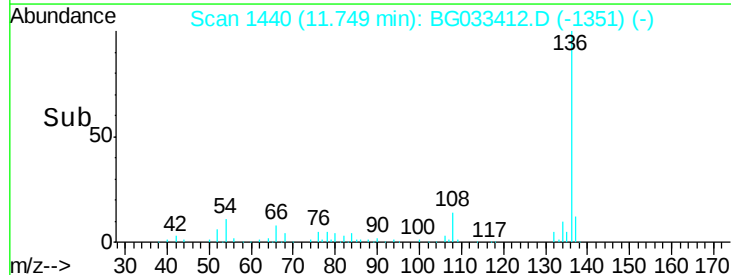
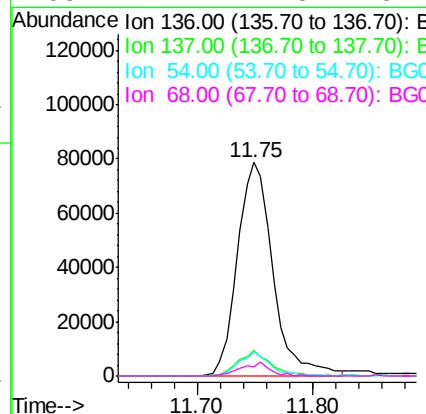
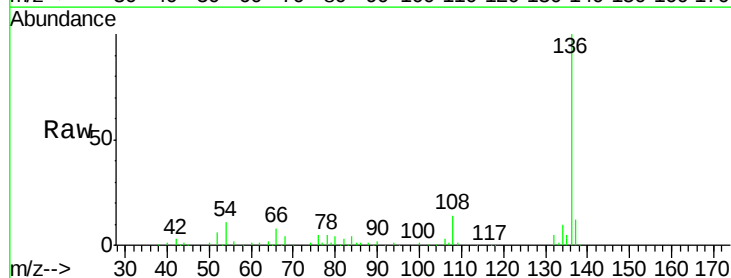
Instrument :
BNA_G
ClientSampleId :

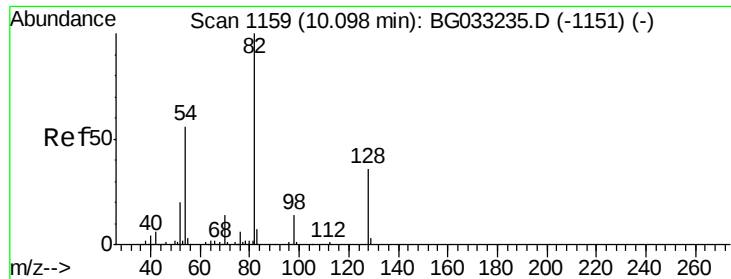
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	11.2	10.3	15.5
68	4.1	4.5	6.7#

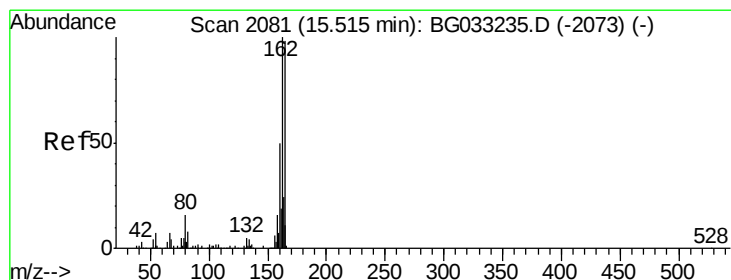
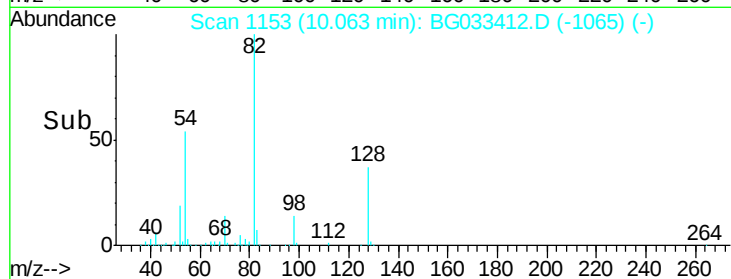
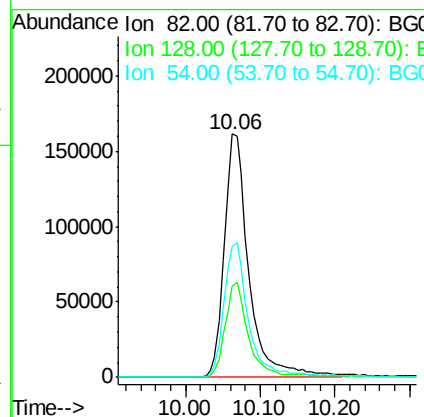
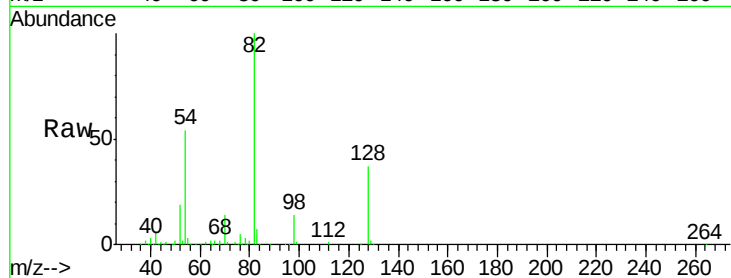




#23
 Nitrobenzene-d5
 Concen: 101.180 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

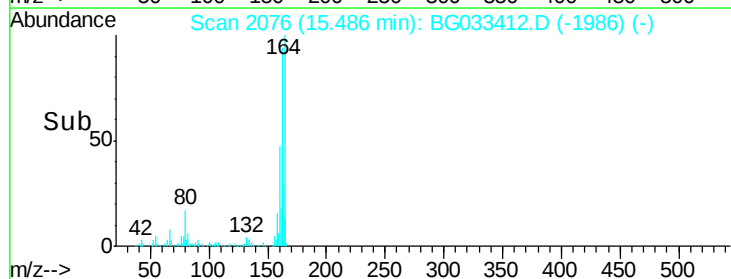
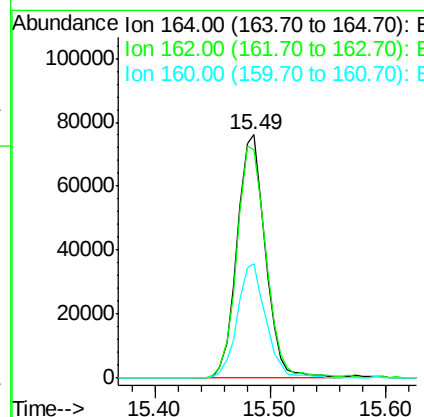
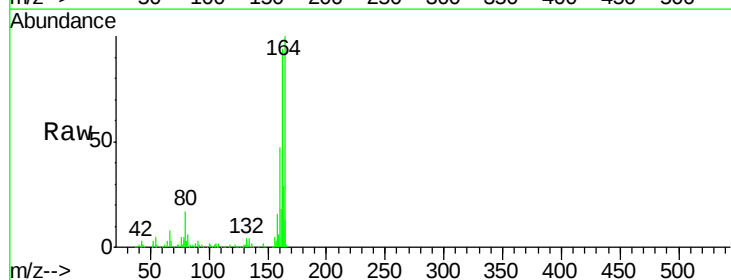
Instrument :
 BNA_G
 ClientSampleId :

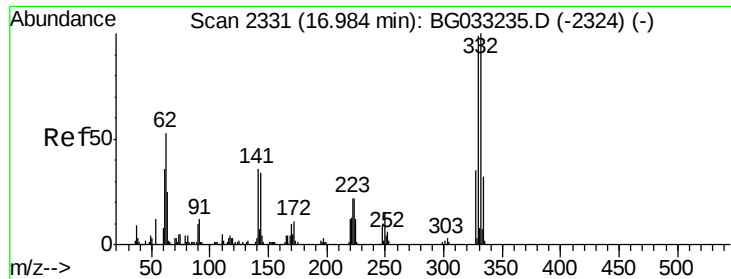
Tot Ion	82	Resp	370831
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.7	44.5
54	53.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Tgt Ion	164	Resp	129270
Ion Ratio	Lower	Upper	
164	100		
162	93.8	78.8	118.2
160	46.8	35.4	53.0

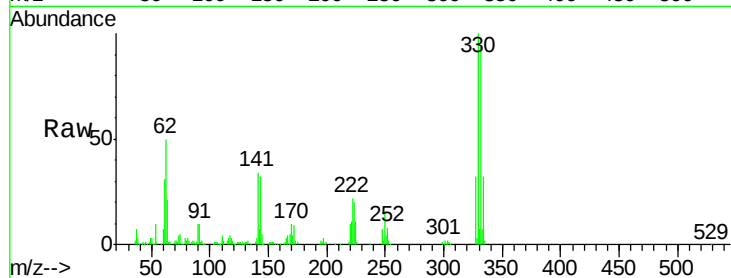




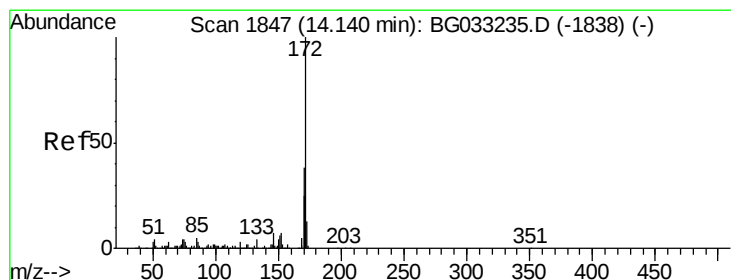
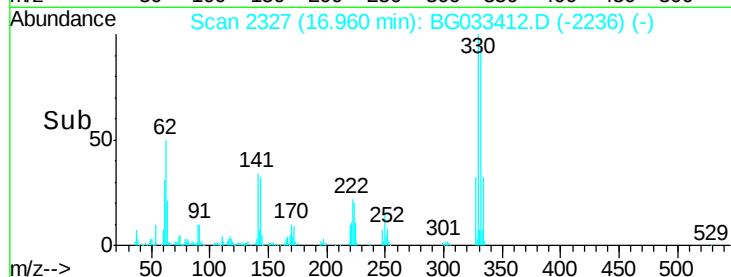
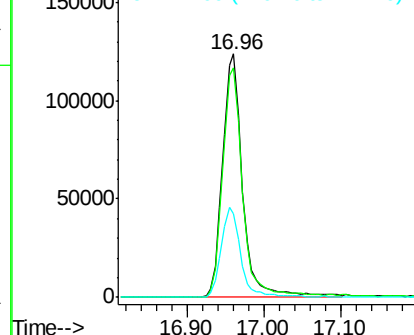
#41
 2,4,6-Tribromophenol
 Concen: 115.534 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.3	25.2	37.8

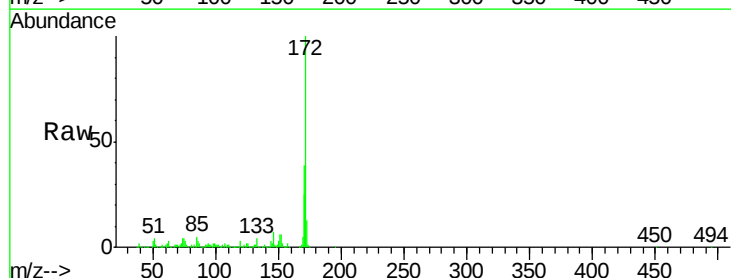


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

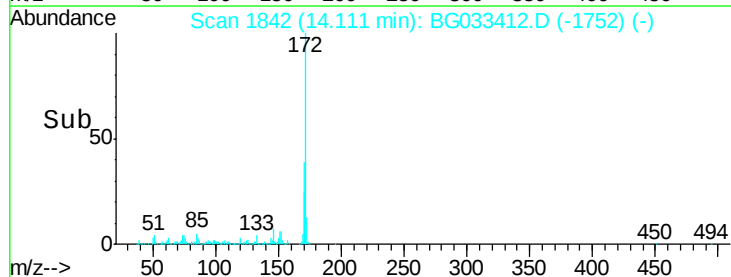
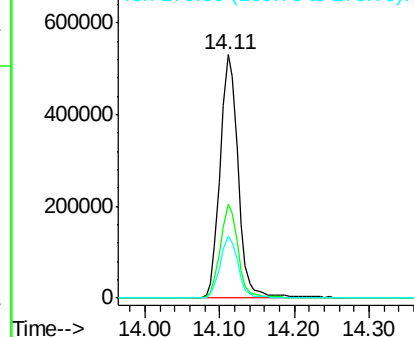


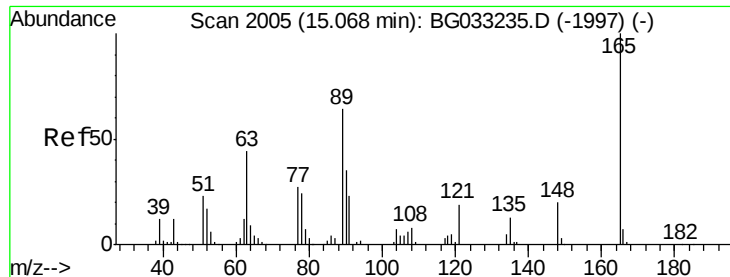
#44
 2-Fluorobiphenyl
 Concen: 100.204 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.4	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

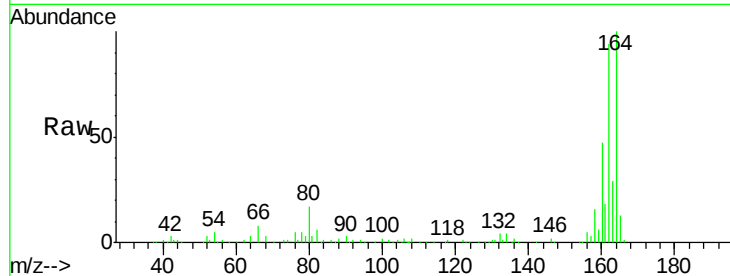




#50
2,6-Dinitrotoluene
Concen: 7.322 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.44 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Instrument :
BNA_G
ClientSampleId :

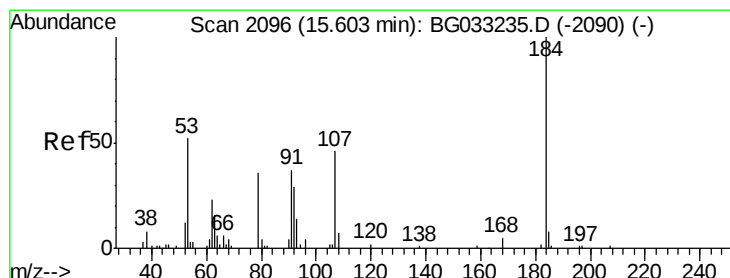
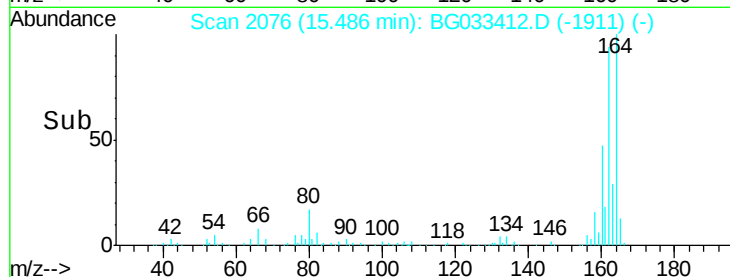
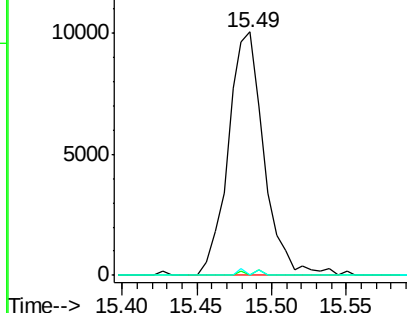
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

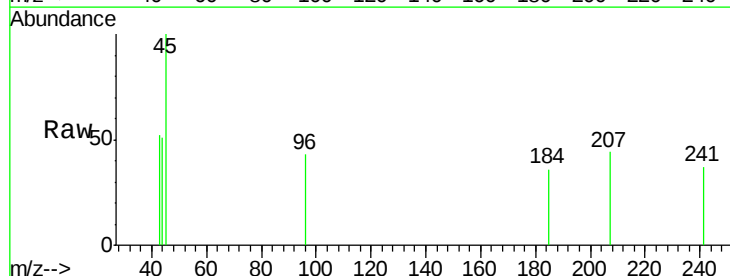
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#53
2,4-Dinitrophenol
Concen: 7.685 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.51 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

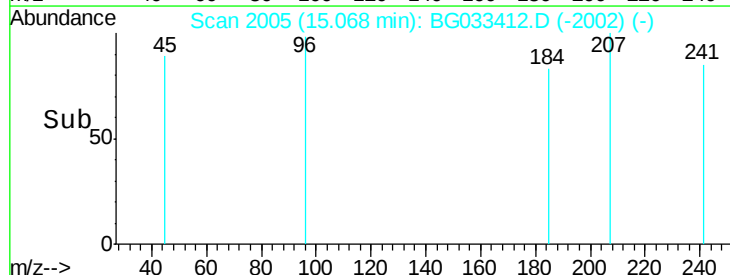
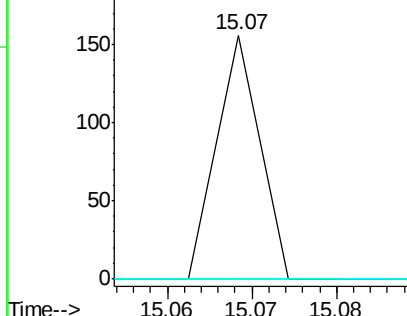
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



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

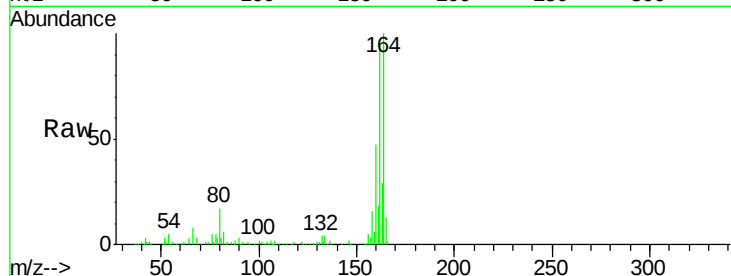




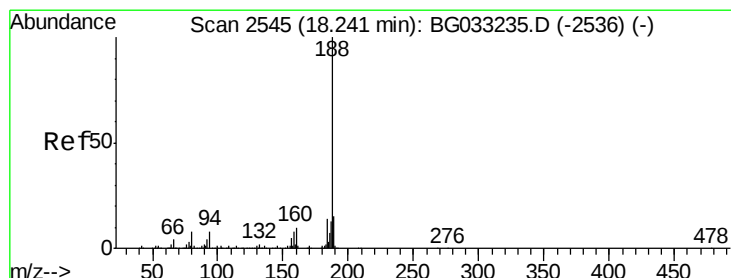
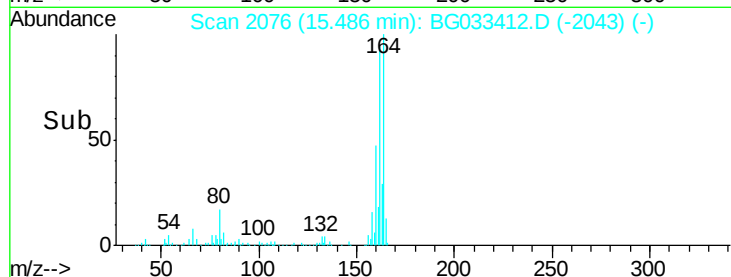
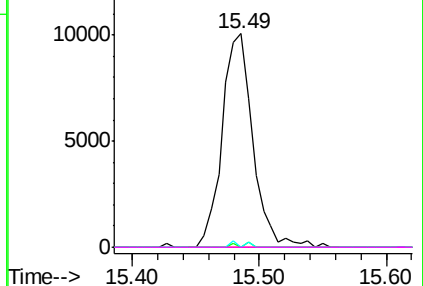
#56
 2,4-Dinitrotoluene
 Concen: 4.994 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.34 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16914
 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#

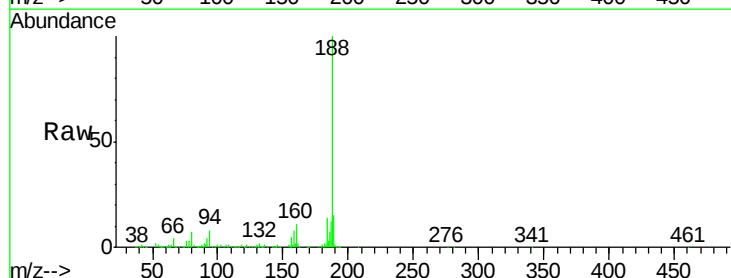


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

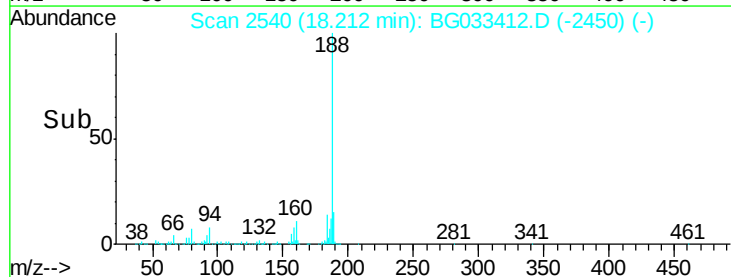
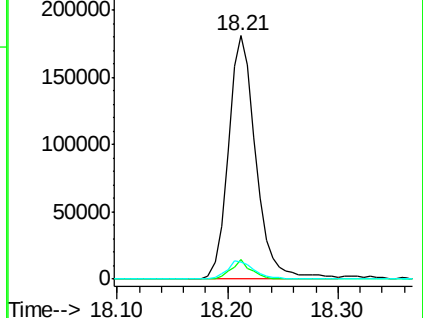


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Tgt Ion:188 Resp: 316128
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 7.0 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

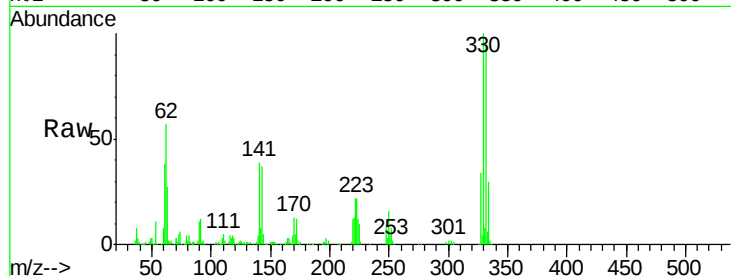




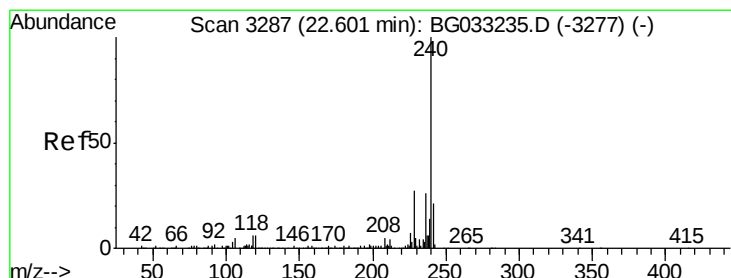
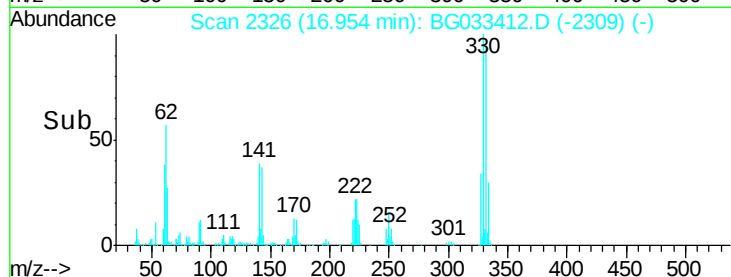
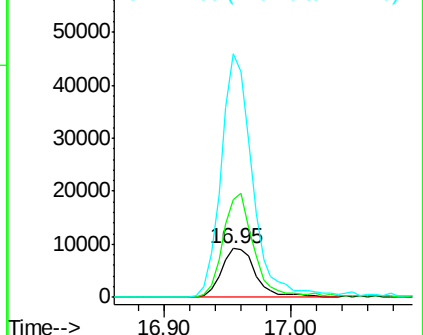
#66
4-Bromophenyl-phenylether
Concen: 4.646 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17249
Ion Ratio Lower Upper
248 100
250 201.9 77.1 115.7#
141 500.3 50.8 76.2#

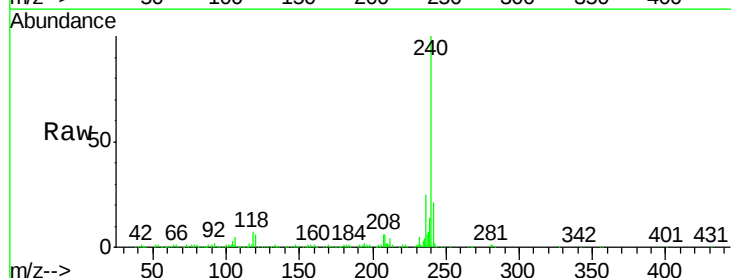


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

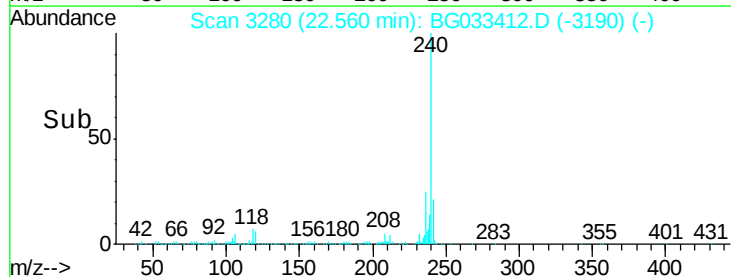
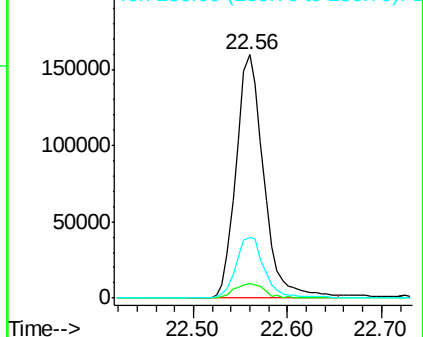


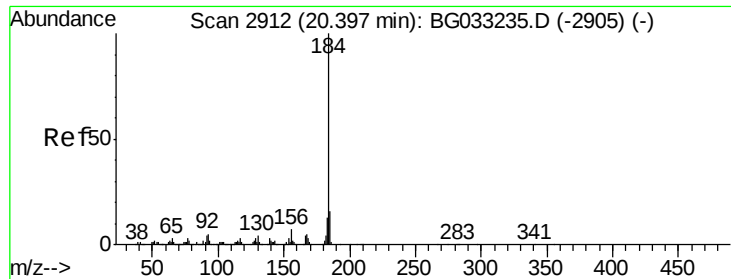
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Tgt Ion:240 Resp: 326535
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 24.7 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: 2.875 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

Instrument :

BNA_G

ClientSampleId :

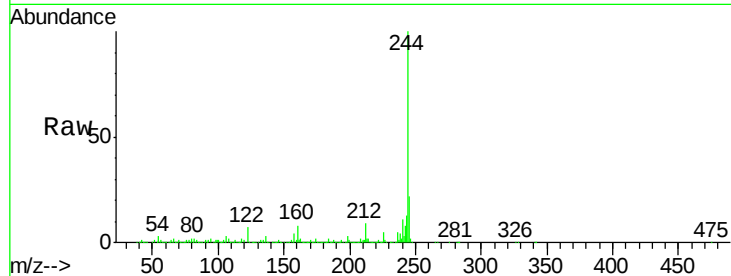
Tot Ion:184 Resp: 25455

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

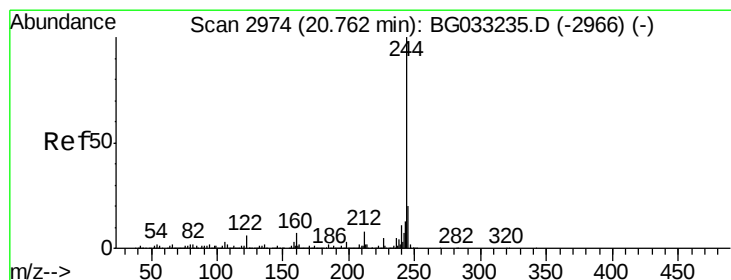
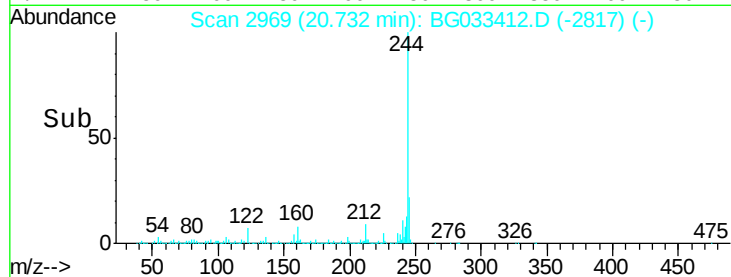
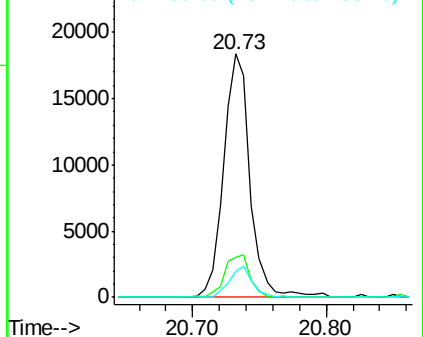
183 10.5 10.6 16.0#



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: 103.030 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

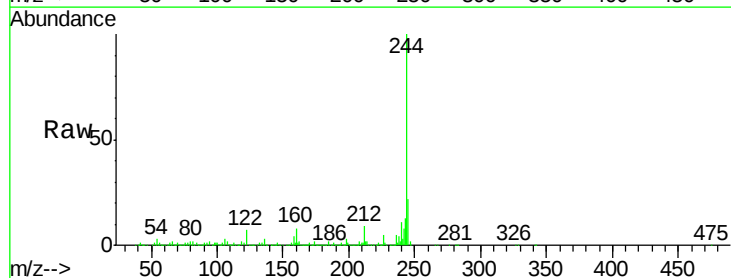
Tgt Ion:244 Resp: 1573121

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

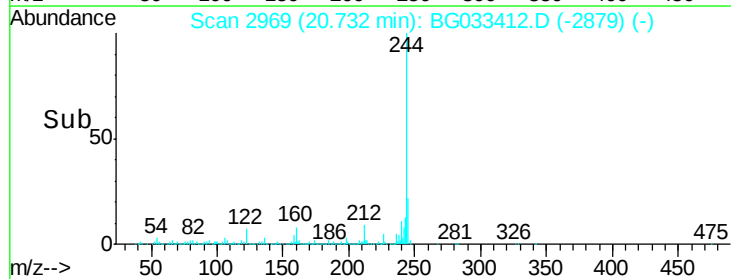
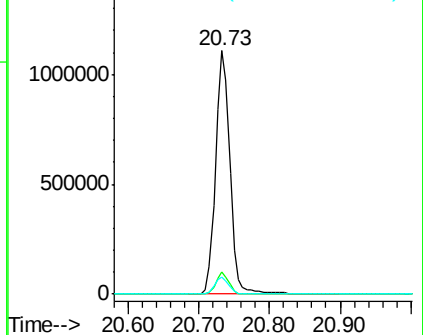
122 7.2 7.0 10.4



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

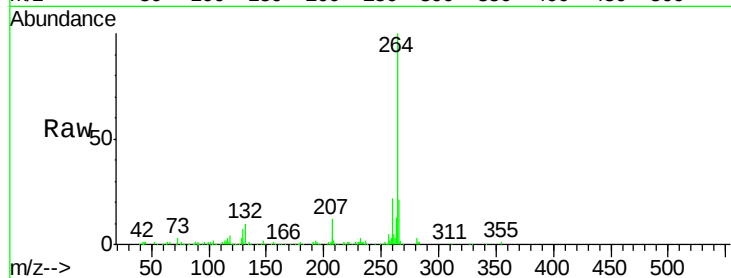




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	21.3	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

