

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031742.D
 Acq On : 23 Dec 2017 10:47
 Operator : SJ/JU
 Sample : I7040-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Dec 25 04:45:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

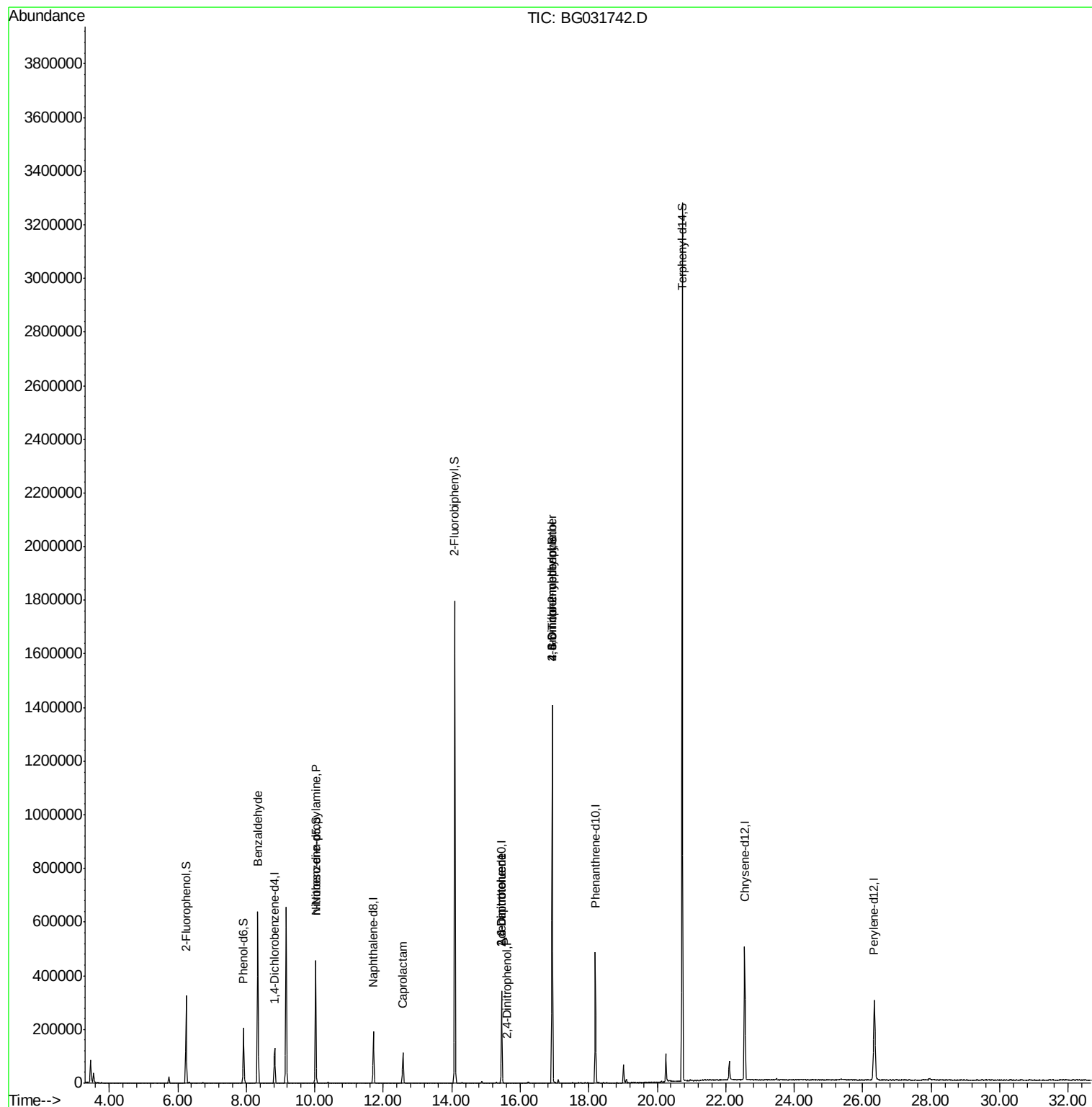
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	47354	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	194015	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	133868	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	331084	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	382493	20.00	ng	-0.02
86) Perylene-d12	26.34	264	405529	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	180774	69.53	ng	0.00
7) Phenol-d6	7.92	99	142625	42.25	ng	-0.01
23) Nitrobenzene-d5	10.03	82	298164	116.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	354574	173.59	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1083639	101.60	ng	-0.01
78) Terphenyl-d14	20.73	244	1836309	109.68	ng	-0.01
Target Compounds						
9) Benzaldehyde	8.33	77	7698	3.787	ng	90
19) n-Nitroso-di-n-propylamine	10.03	70	39133	16.975	ng	# 74
35) Caprolactam	12.58	113	31860	30.645	ng	# 44
50) 2,6-Dinitrotoluene	15.46	165	17111	7.887	ng	# 18
53) 2,4-Dinitrophenol	15.62	184	54	7.686	ng	# 1
56) 2,4-Dinitrotoluene	15.46	165	17111	6.134	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.93	198	849	8.742	ng	# 63
66) 4-Bromophenyl-phenylether	16.94	248	27740	5.794	ng	# 1

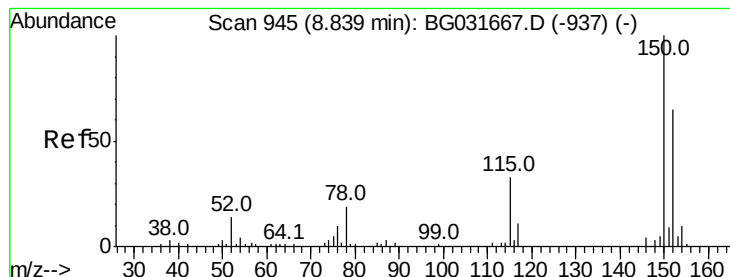
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
Data File : BG031742.D
Acq On : 23 Dec 2017 10:47
Operator : SJ/JU
Sample : I7040-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LIP-16

Quant Time: Dec 25 04:45:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



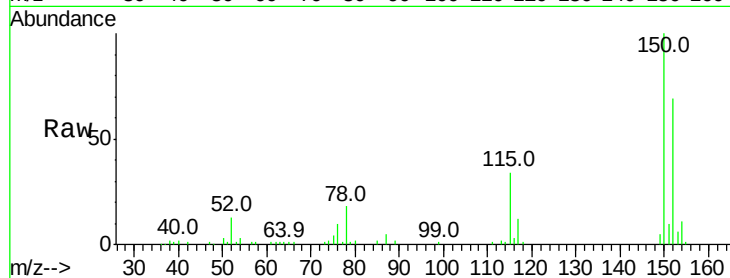


#1

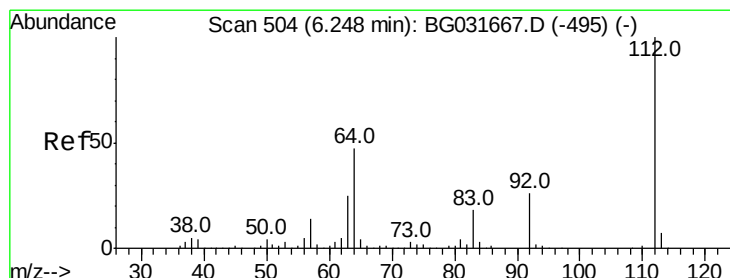
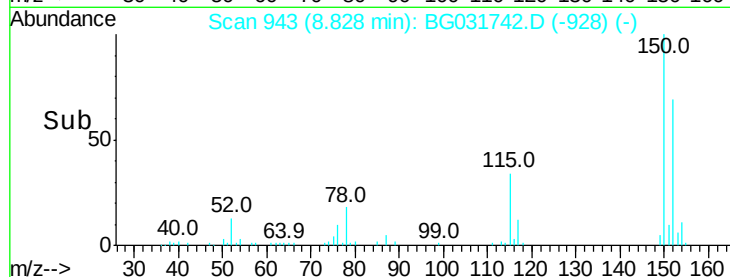
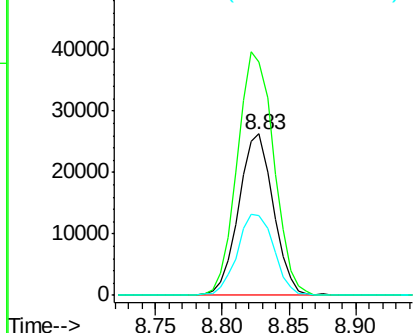
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tot Ion:152 Resp: 47354
Ion Ratio Lower Upper
152 100
150 145.0 126.6 189.8
115 49.5 53.0 79.4#



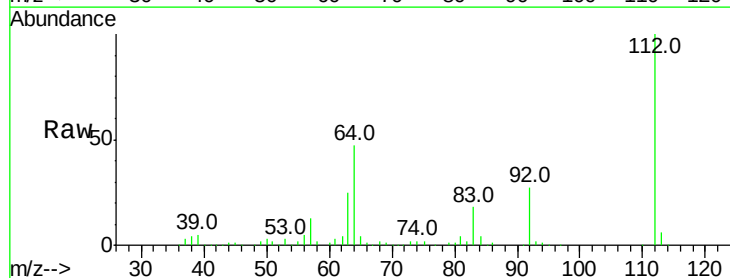
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



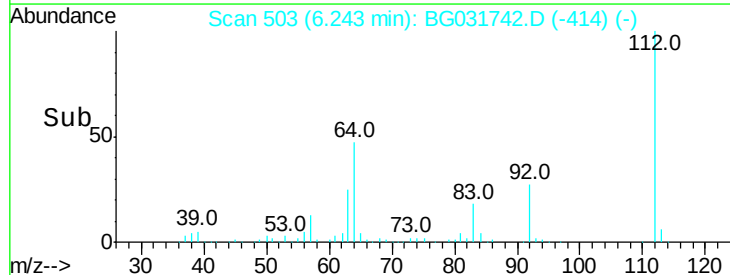
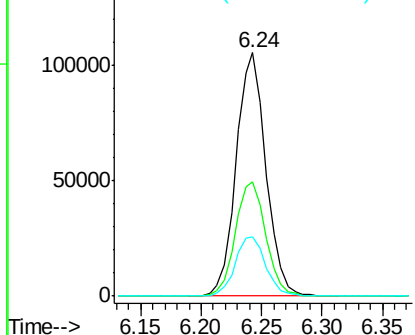
#5

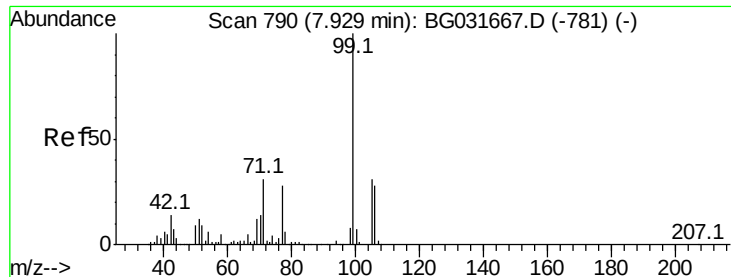
2-Fluorophenol
Concen: 69.531 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Tgt Ion:112 Resp: 180774
Ion Ratio Lower Upper
112 100
64 47.1 56.3 84.5#
63 24.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 42.253 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Instrument :

BNA_G

ClientSampleId :

LIP-16

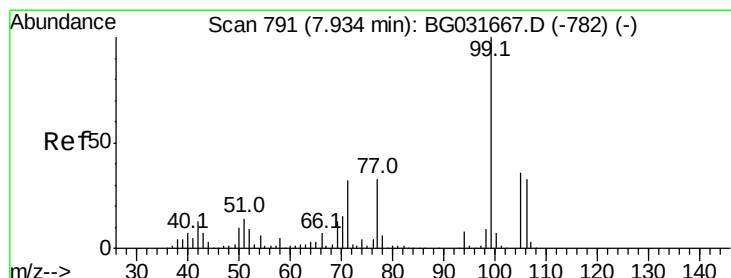
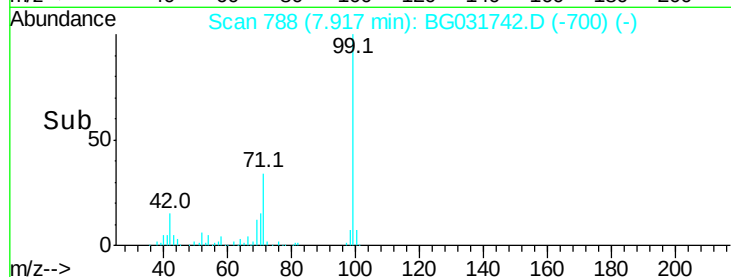
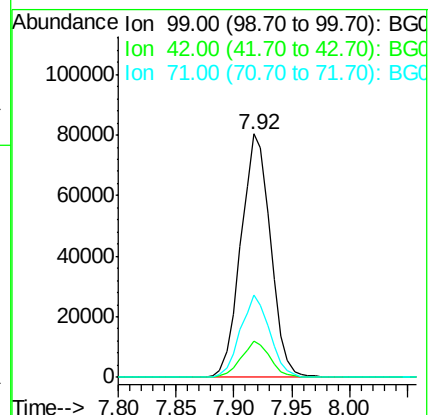
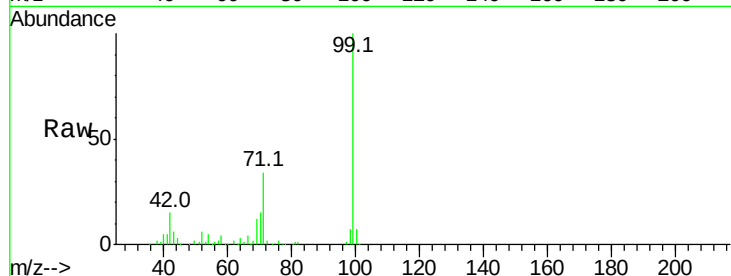
Tot Ion: 99 Resp: 142625

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 33.7 26.1 39.1



#9

Benzaldehyde

Concen: 3.787 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.40 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

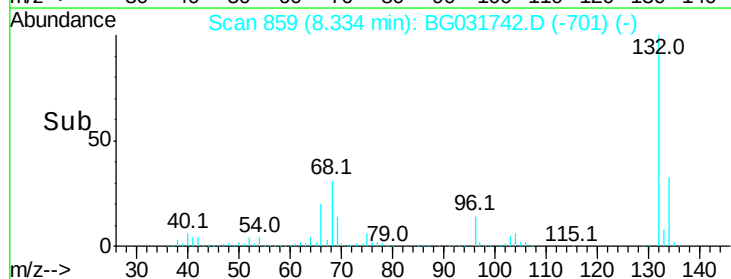
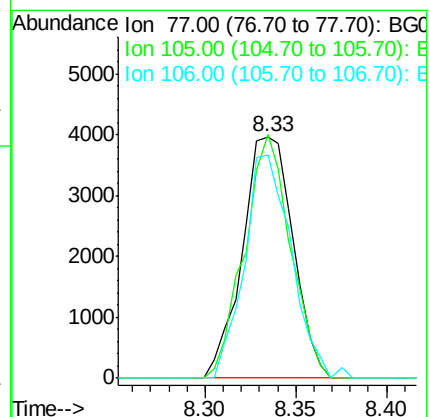
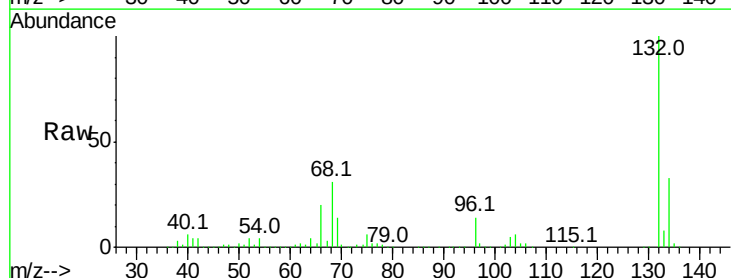
Tgt Ion: 77 Resp: 7698

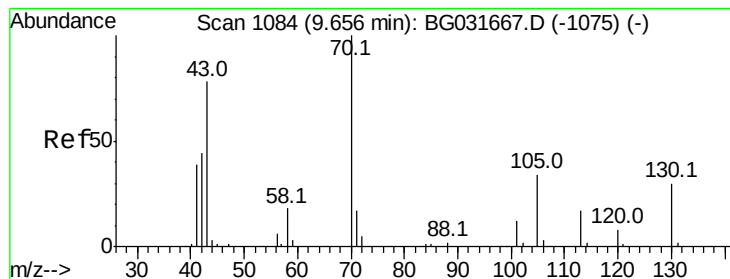
Ion Ratio Lower Upper

77 100

105 100.9 71.3 111.3

106 92.3 64.2 104.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.975 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.37 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Instrument :

BNA_G

ClientSampleId :

LIP-16

Tot Ion: 70 Resp: 39133

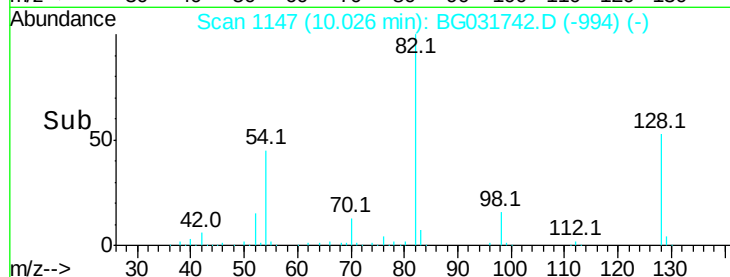
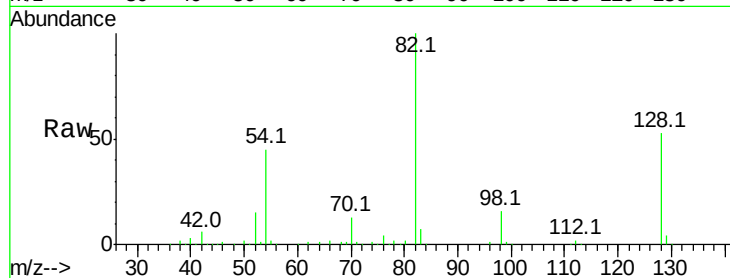
Ion Ratio Lower Upper

70 100

42 43.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

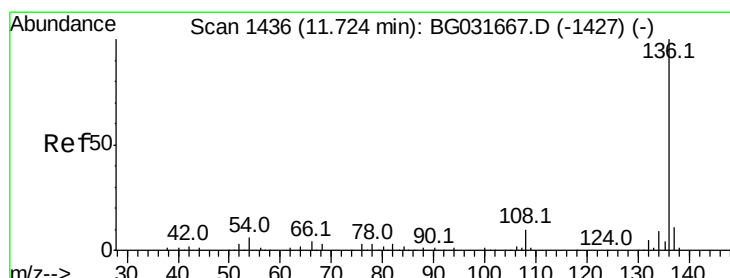
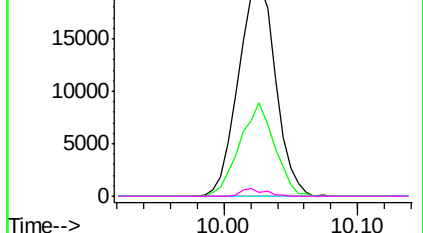


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.71 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Tgt Ion: 136 Resp: 194015

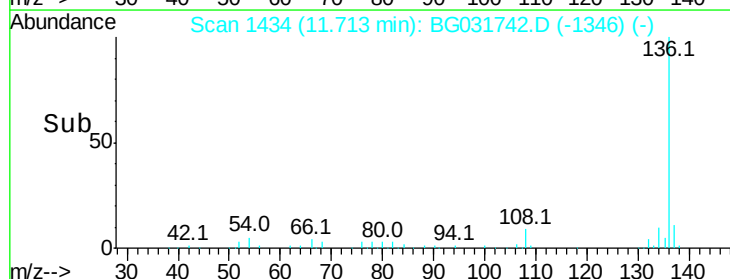
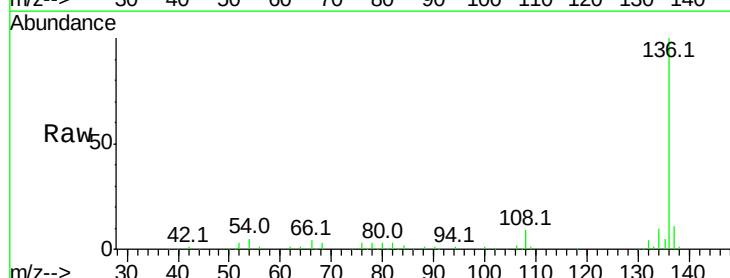
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 4.6 10.3 15.5#

68 3.2 4.5 6.7#

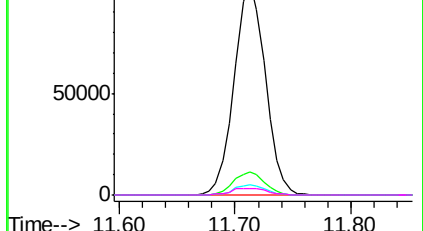


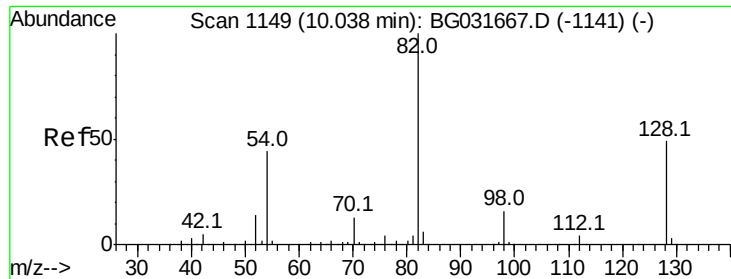
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

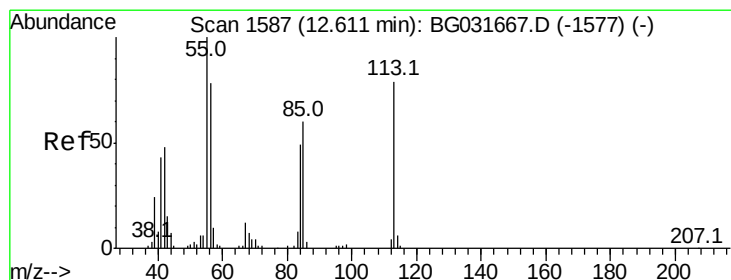
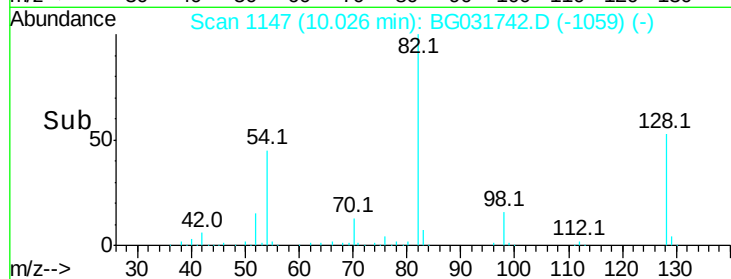
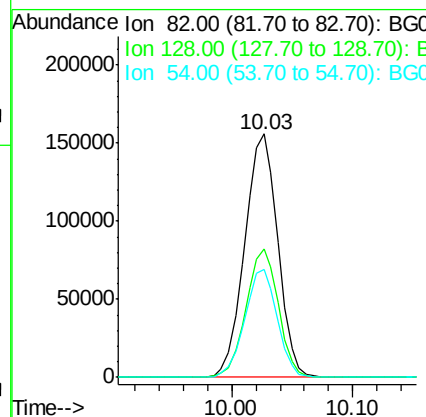
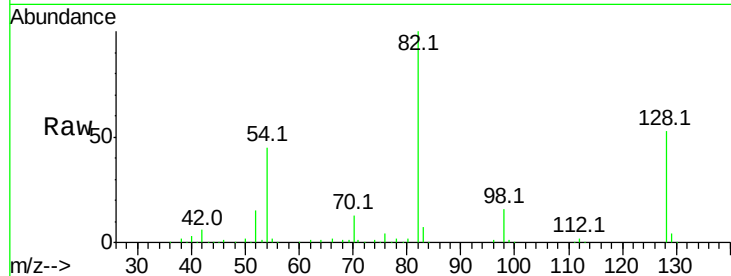




#23
 Nitrobenzene-d5
 Concen: 116.048 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

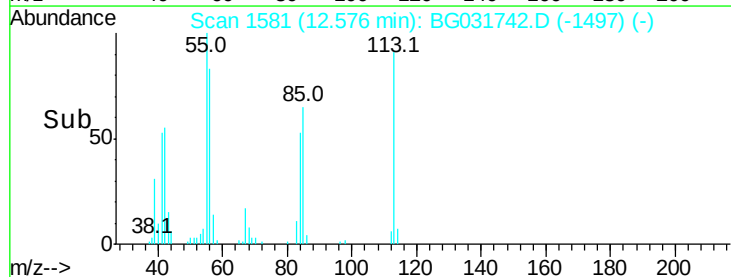
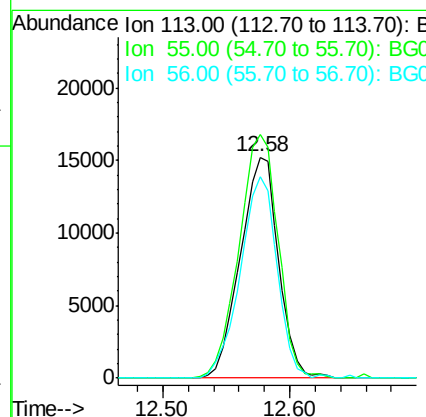
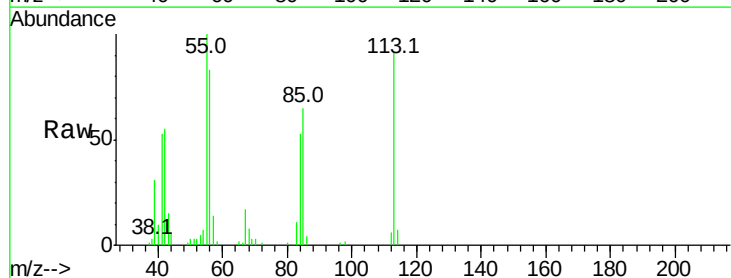
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

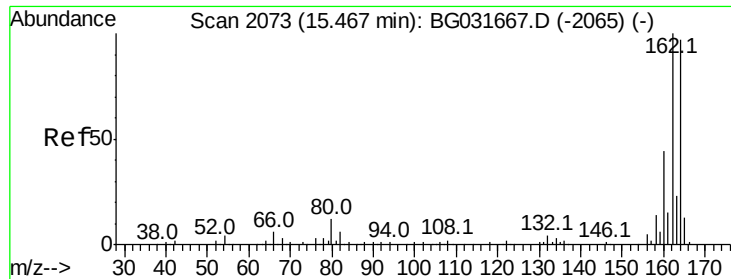
Tot Ion	82	Resp	298164
Ion Ratio	100		
Lower	29.7		
Upper	44.5#		
54	44.5	43.1	64.7



#35
 Caprolactam
 Concen: 30.645 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.03 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Tgt Ion	113	Resp	31860
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	186.9		
Upper	226.9#		
55	110.1	130.9	170.9#

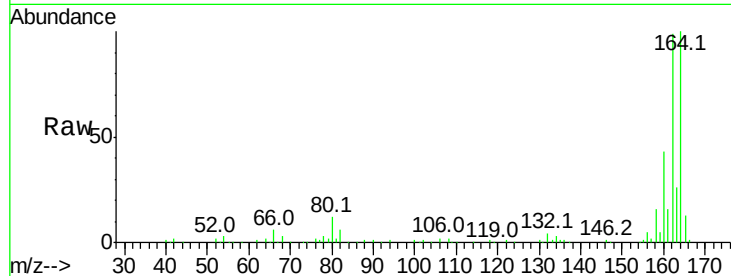




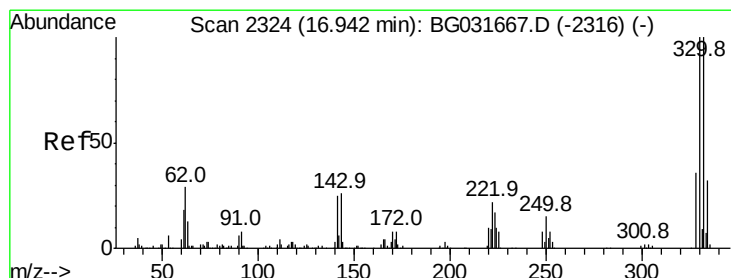
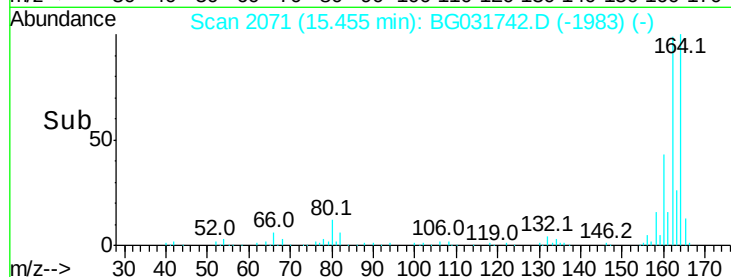
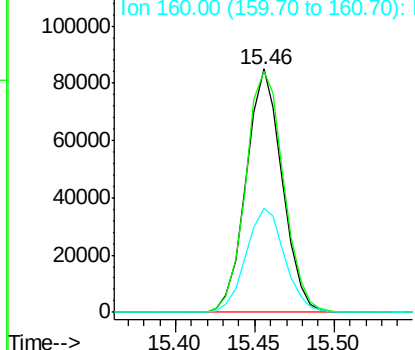
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tot Ion:164 Resp: 133868
Ion Ratio Lower Upper
164 100
162 99.2 78.8 118.2
160 42.9 35.4 53.0

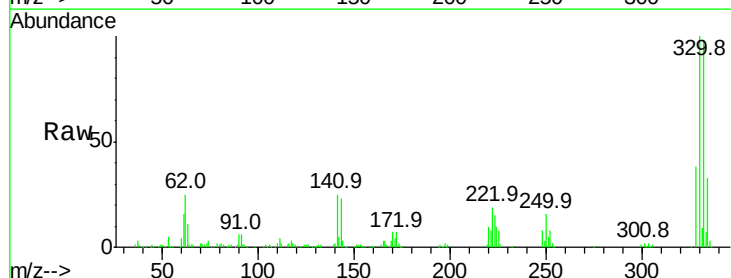


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

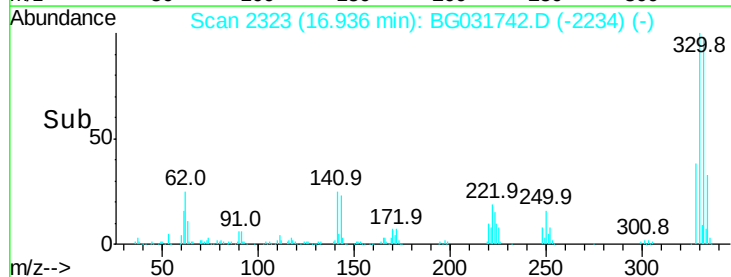
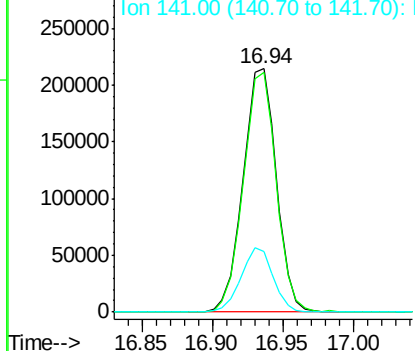


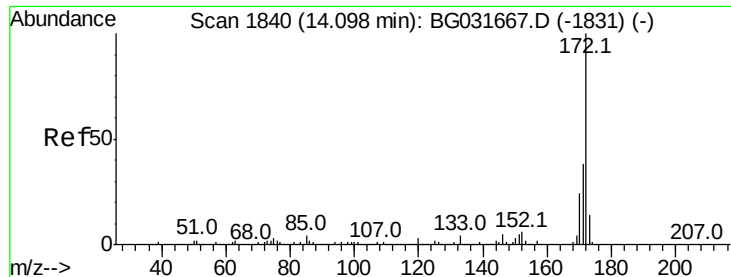
#41
2,4,6-Tribromophenol
Concen: 173.586 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Tgt Ion:330 Resp: 354574
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 25.4 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



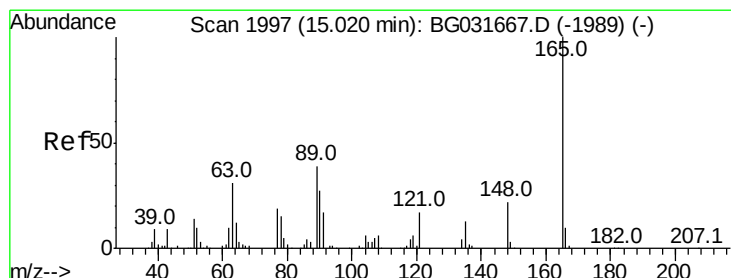
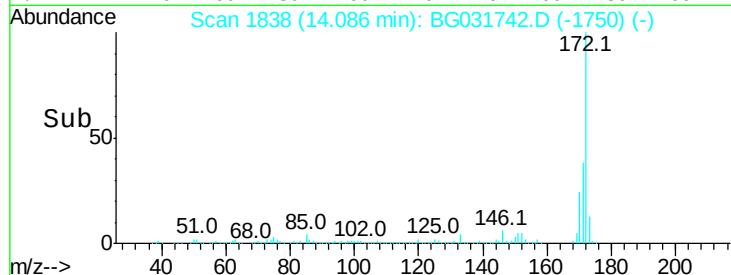
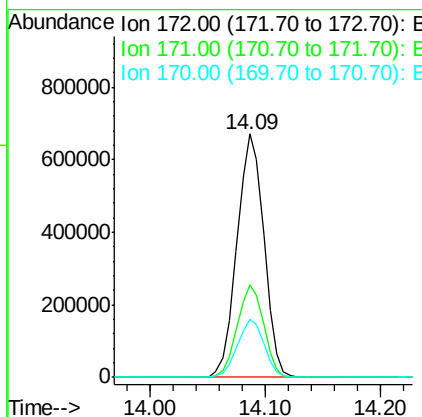
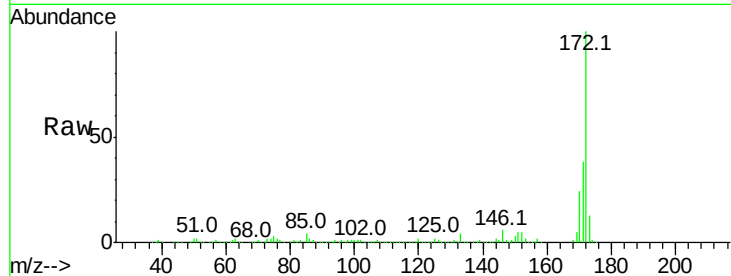


#44
 2-Fluorobiphenyl
 Concen: 101.601 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tot Ion:172 Resp: 1083639

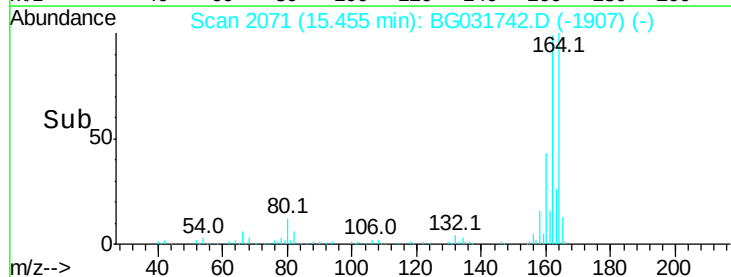
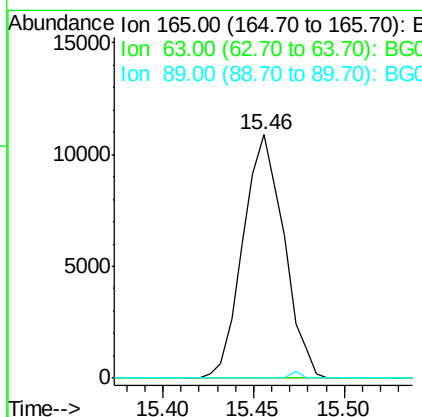
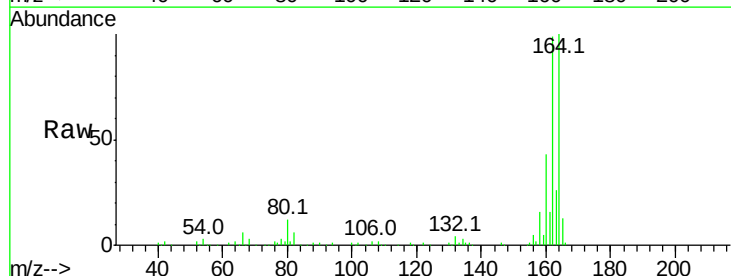
Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.8	19.5	29.3

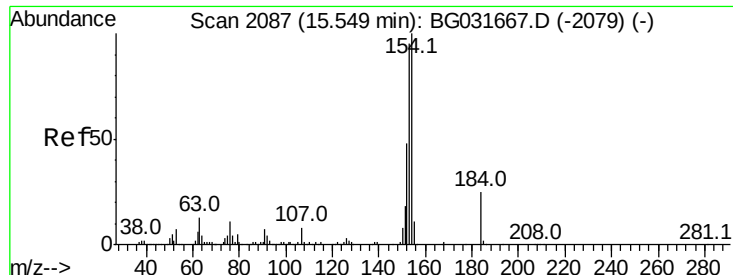


#50
 2,6-Dinitrotoluene
 Concen: 7.887 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. 0.44 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Tgt Ion:165 Resp: 17111

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





#53

2,4-Dinitrophenol

Concen: 7.686 ng

RT: 15.62 min Scan# 2099

Delta R.T. 0.07 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Instrument :

BNA_G

ClientSampleId :

LIP-16

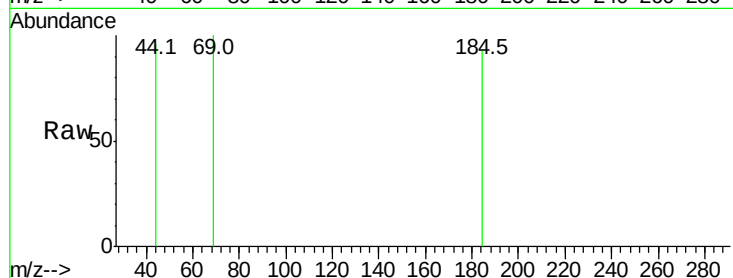
Tot Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

154 0.0 101.8 152.8#

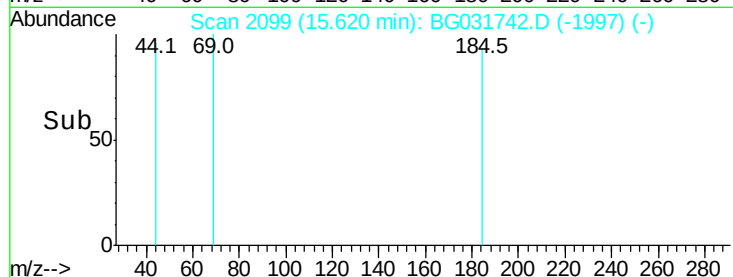


Abundance Ion 184.00 (183.70 to 184.70): E

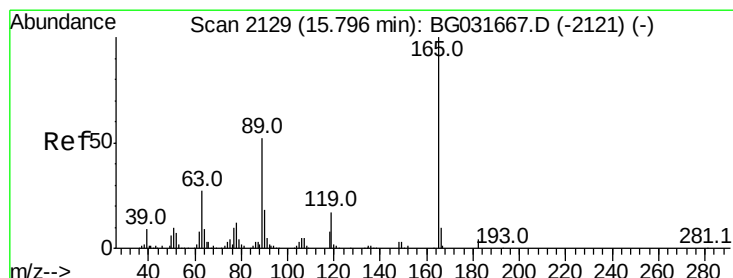
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

15.62



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.134 ng

RT: 15.46 min Scan# 2071

Delta R.T. -0.34 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Tgt Ion:165 Resp: 17111

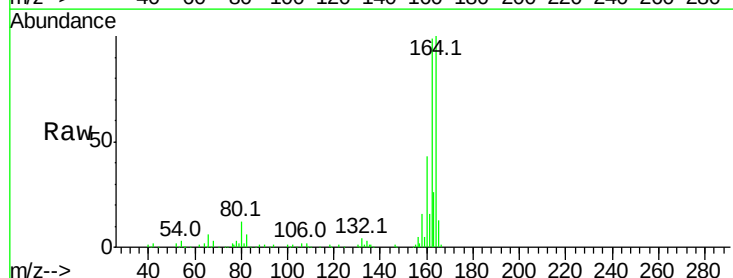
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#



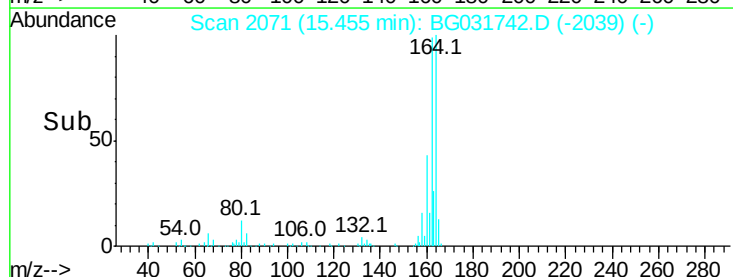
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

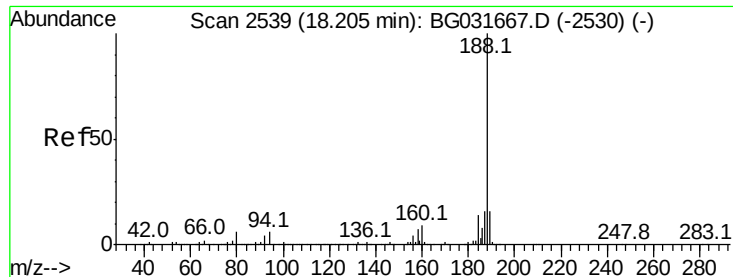
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

15.46



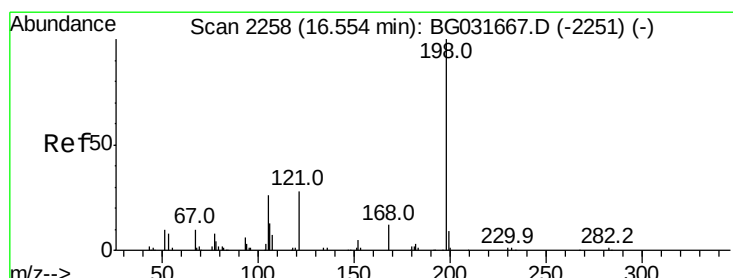
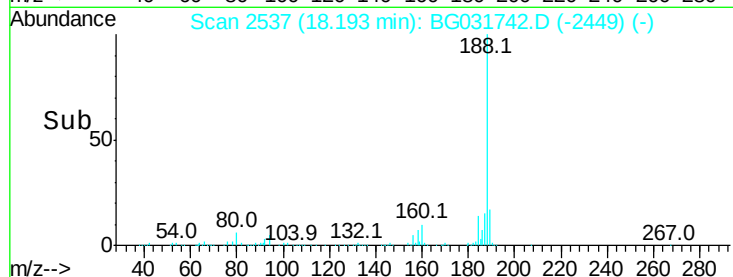
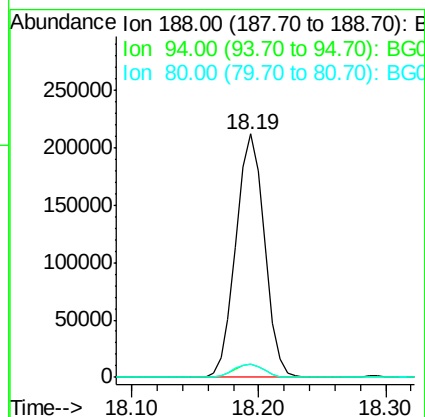
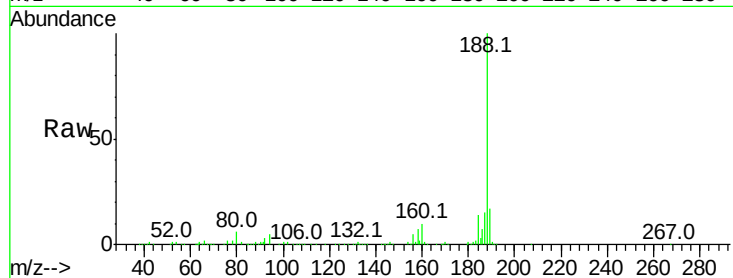
Time-->



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

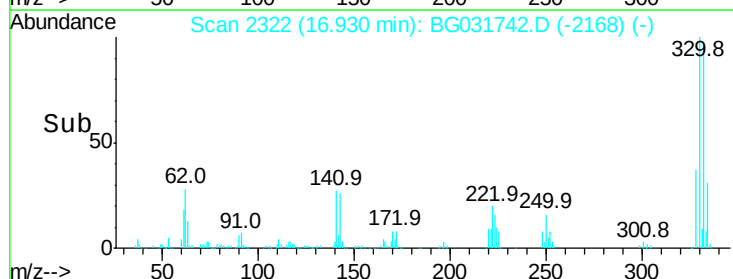
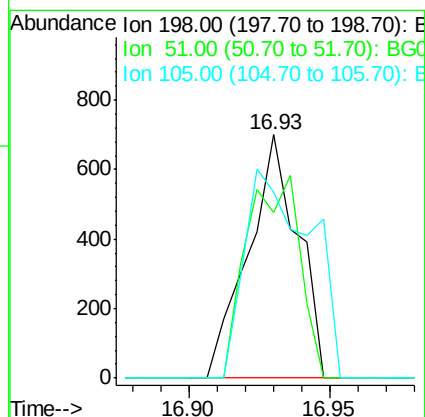
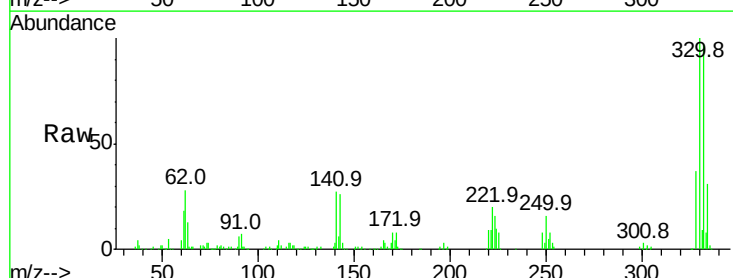
Instrument :
 BNA_G
 ClientSampled :
 LIP-16

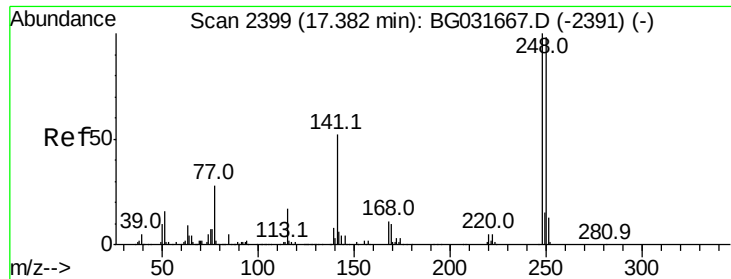
Tot Ion:188 Resp: 331084
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 5.6 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.742 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. 0.38 min
 Lab File: BG031742.D
 Acq: 23 Dec 2017 10:47

Tgt Ion:198 Resp: 849
 Ion Ratio Lower Upper
 198 100
 51 68.2 30.6 70.6
 105 76.2 23.8 63.8#

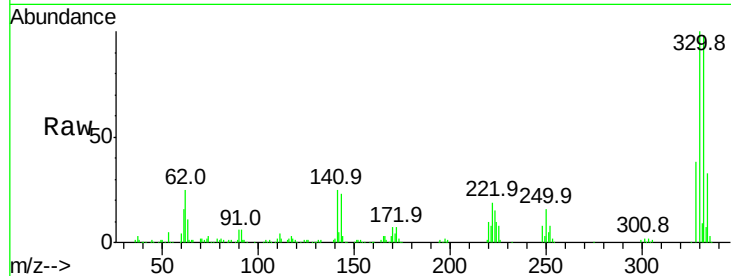




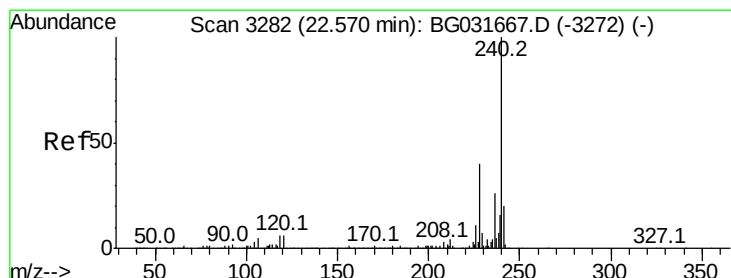
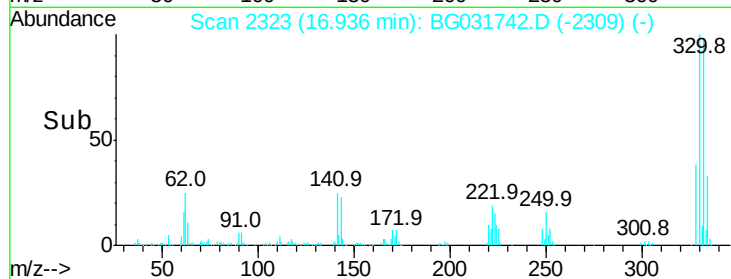
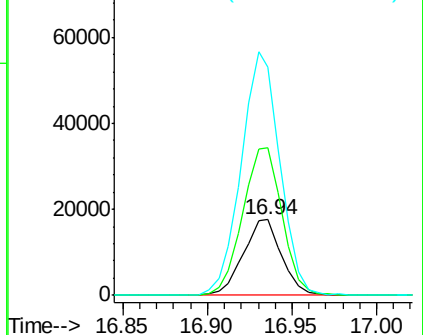
#66
4-Bromophenyl-phenylether
Concen: 5.794 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.45 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tot Ion:248 Resp: 27740
Ion Ratio Lower Upper
248 100
250 194.6 77.1 115.7#
141 302.8 50.8 76.2#

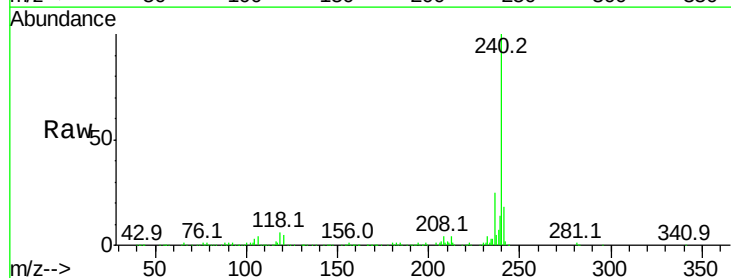


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

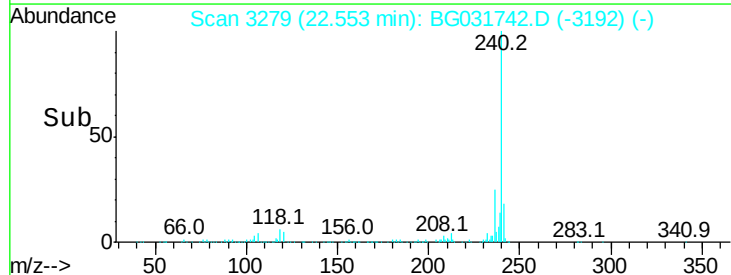
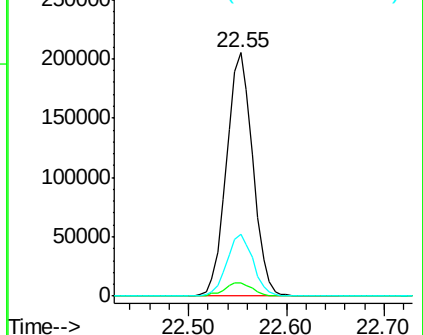


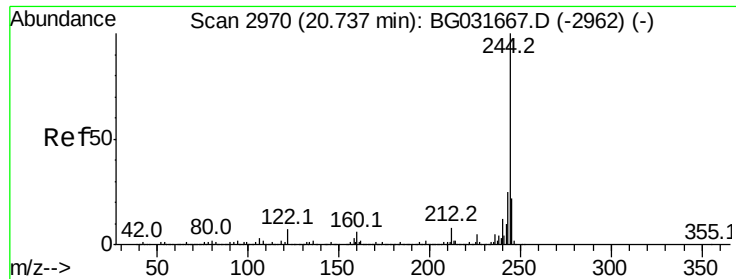
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031742.D
Acq: 23 Dec 2017 10:47

Tgt Ion:240 Resp: 382493
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.5 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





#78

Terphenyl-d14

Concen: 109.684 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Instrument :

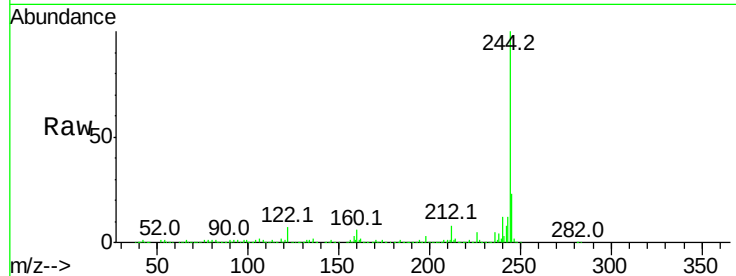
BNA_G

ClientSampleId :

LIP-16

Tot Ion:244 Resp: 1836309

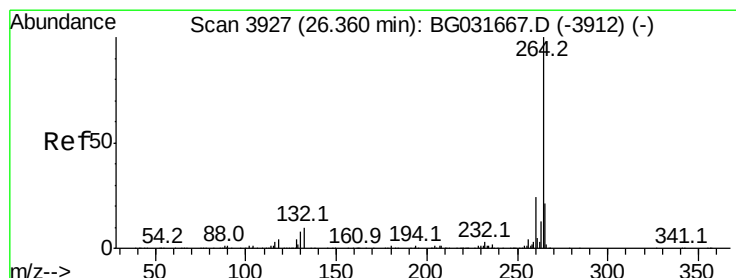
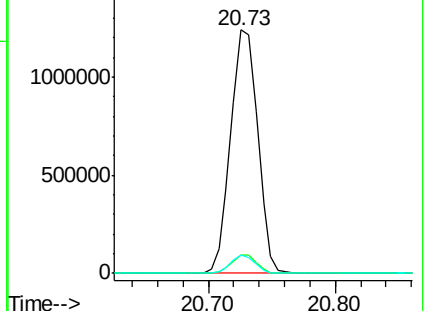
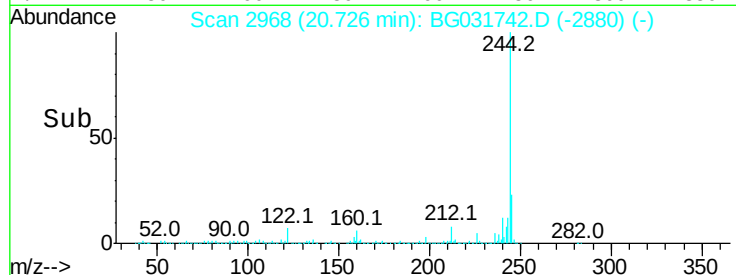
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.4	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.34 min Scan# 3923

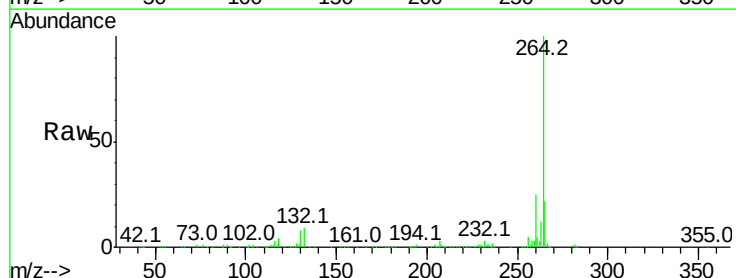
Delta R.T. -0.02 min

Lab File: BG031742.D

Acq: 23 Dec 2017 10:47

Tgt Ion:264 Resp: 405529

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.0	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

