

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031783.D
 Acq On : 27 Dec 2017 5:16
 Operator : SJ/JU
 Sample : I7009-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

Quant Time: Dec 27 06:37:03 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

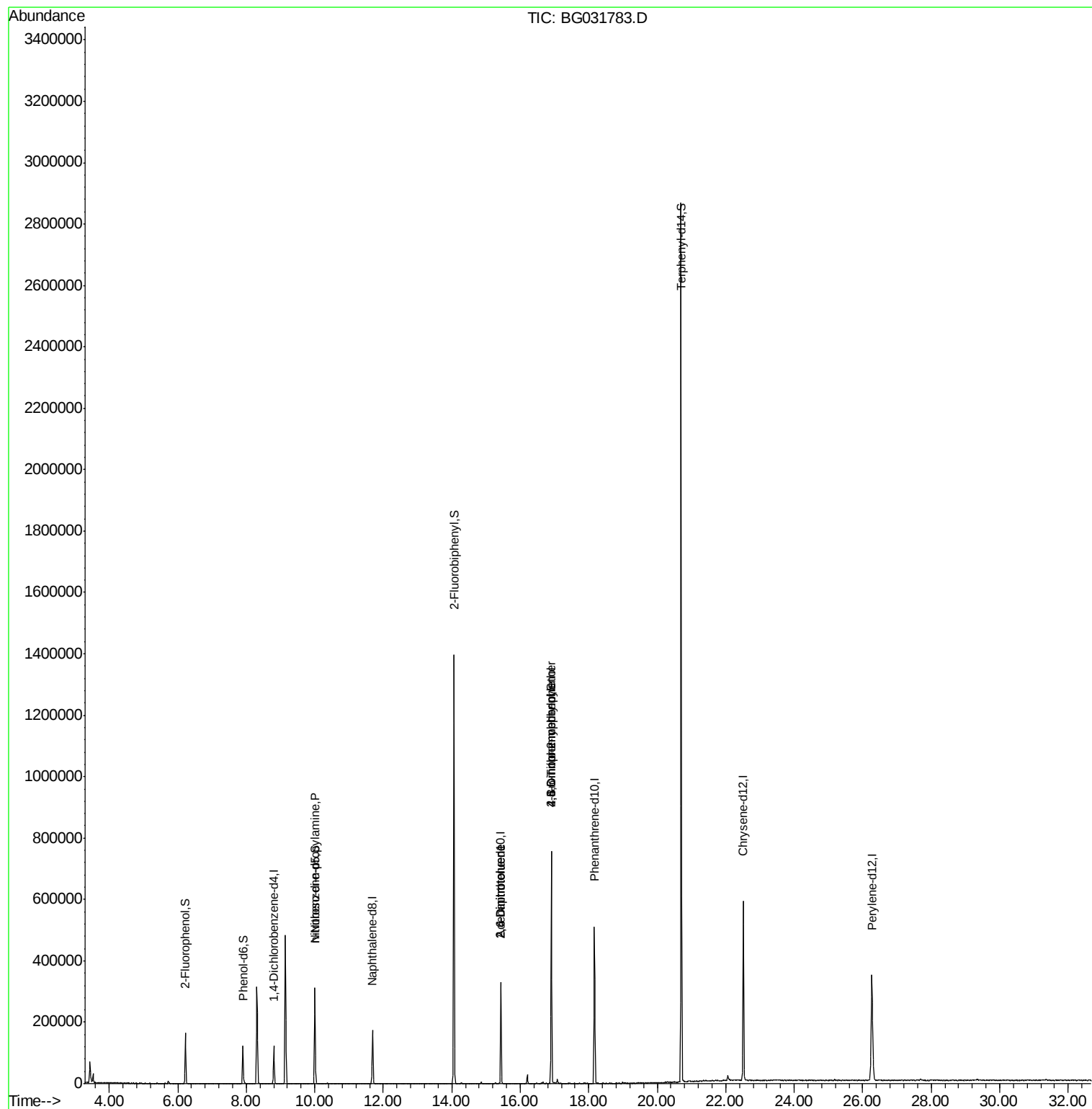
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	43150	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	175058	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	127583	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	355713	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	435811	20.00	ng	-0.06
86) Perylene-d12	26.27	264	465176	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	93353	39.40	ng	-0.03
7) Phenol-d6	7.90	99	84651	27.52	ng	-0.03
23) Nitrobenzene-d5	10.00	82	206502	89.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	187744	96.44	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	832327	81.88	ng	-0.03
78) Terphenyl-d14	20.70	244	1573188	82.47	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.00	70	26514	12.62	ng	# 71
50) 2,6-Dinitrotoluene	15.43	165	16390	7.93	ng	# 18
56) 2,4-Dinitrotoluene	15.43	165	16390	6.16	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.90	198	398	8.50	ng	# 41
66) 4-Bromophenyl-phenylether	16.91	248	14648	2.85	ng	# 1

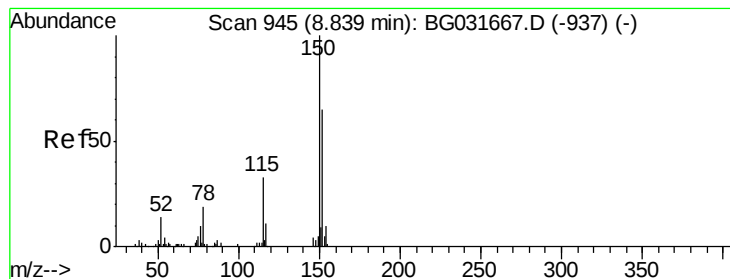
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031783.D
Acq On : 27 Dec 2017 5:16
Operator : SJ/JU
Sample : I7009-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-B

Quant Time: Dec 27 06:37:03 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: 20.00 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-B

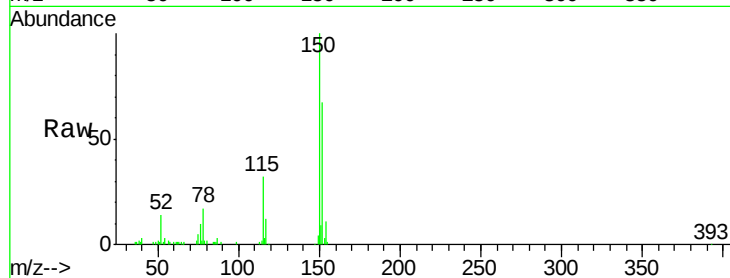
Tot Ion:152 Resp: 43150

Ion Ratio Lower Upper

152 100

150 148.2 126.6 189.8

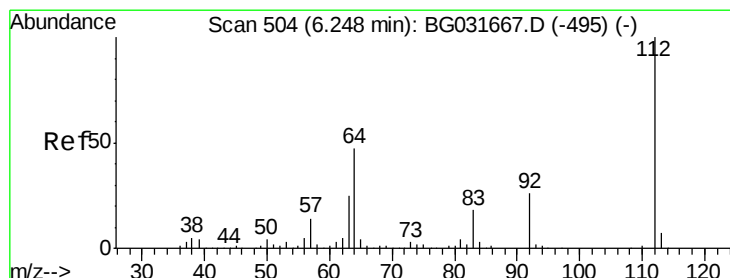
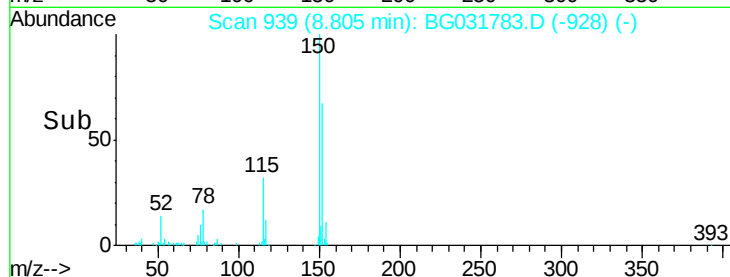
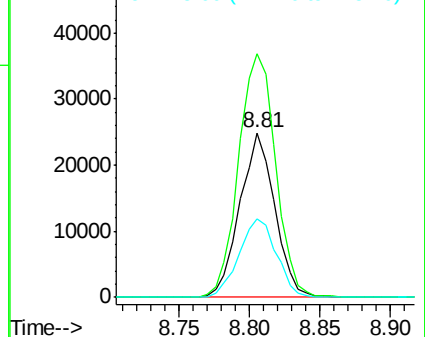
115 47.8 53.0 79.4#



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: 39.40 ng

RT: 6.22 min Scan# 499

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

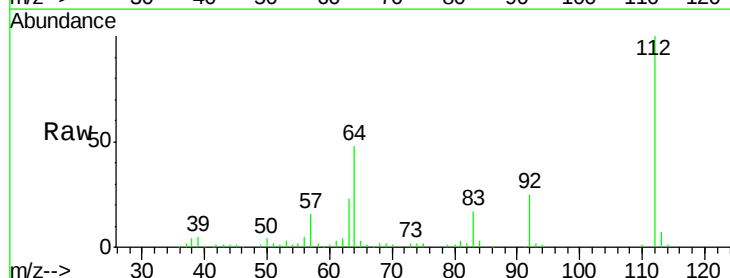
Tgt Ion:112 Resp: 93353

Ion Ratio Lower Upper

112 100

64 48.4 56.3 84.5#

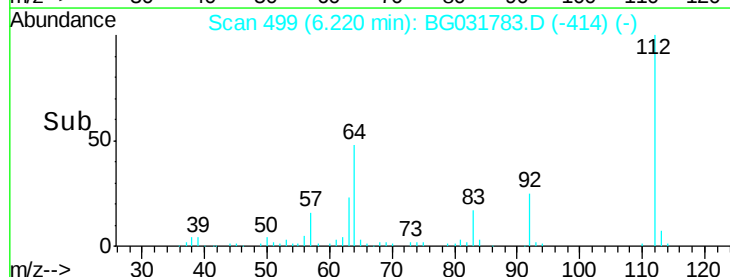
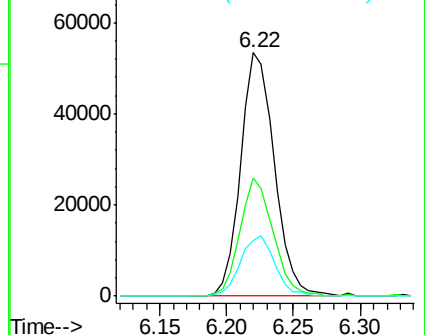
63 23.0 30.1 45.1#



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: 27.52 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-B

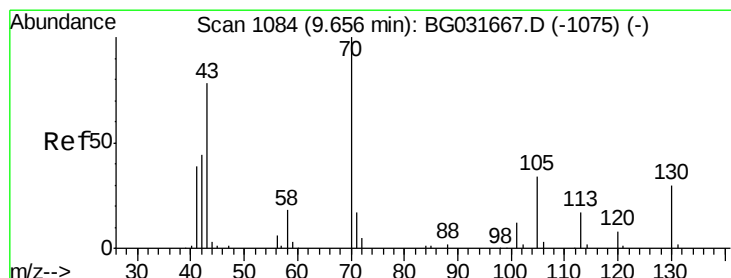
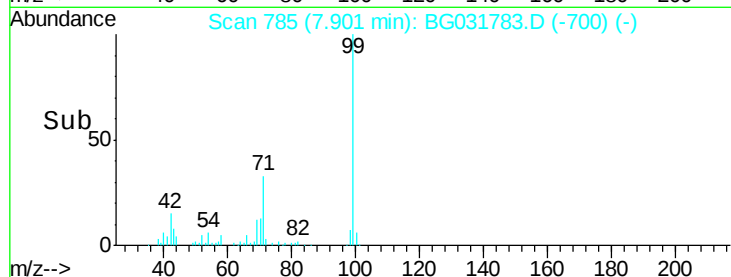
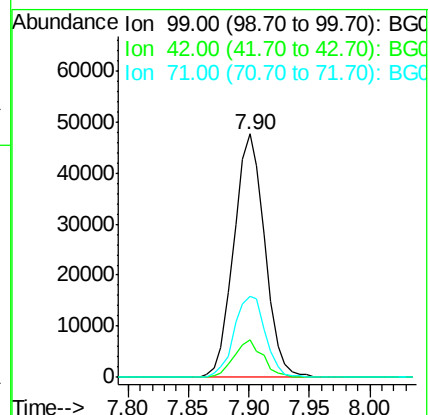
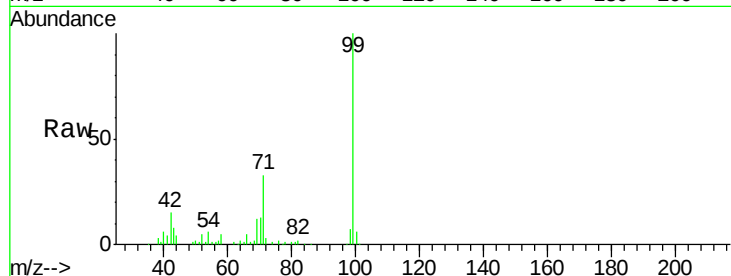
Tot Ion: 99 Resp: 84651

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 33.0 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.62 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.34 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Tgt Ion: 70 Resp: 26514

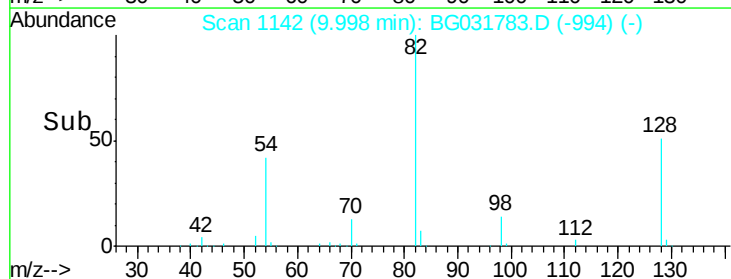
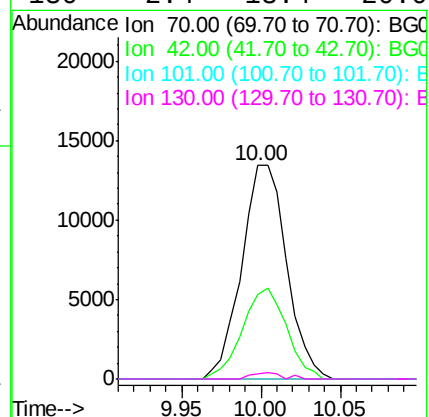
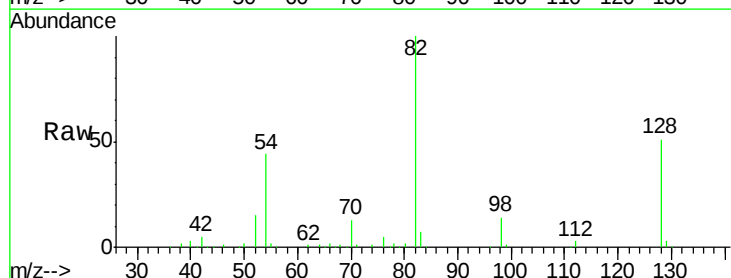
Ion Ratio Lower Upper

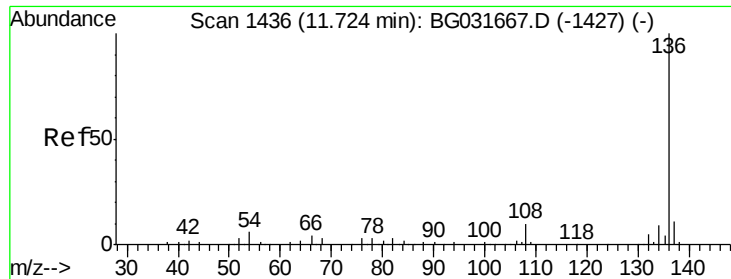
70 100

42 39.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

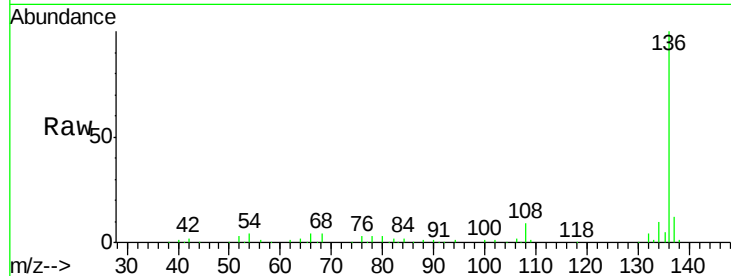




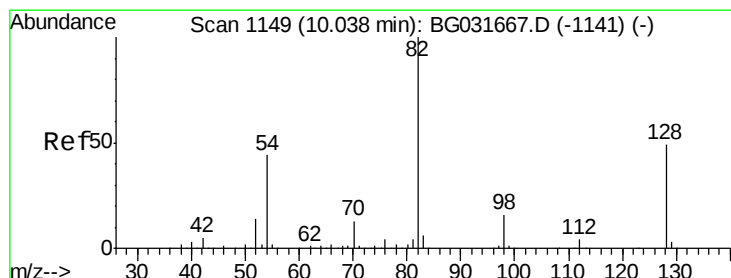
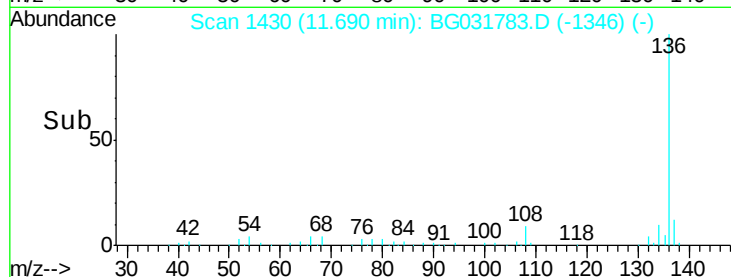
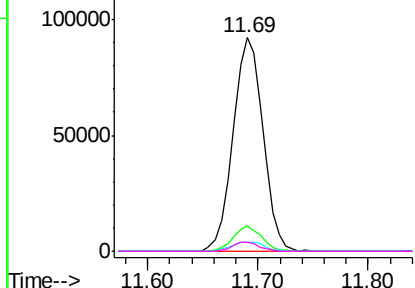
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-B

Tot Ion:136	Resp:	175058
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	4.4	10.3 15.5#
68	4.0	4.5 6.7#

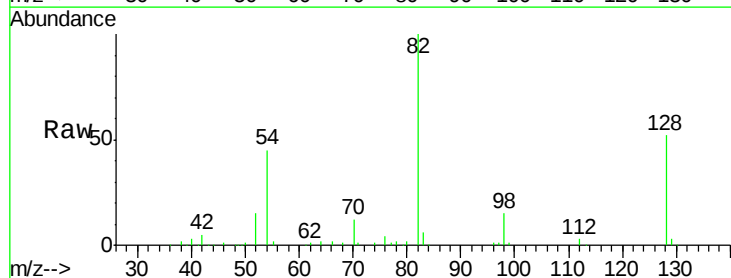


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

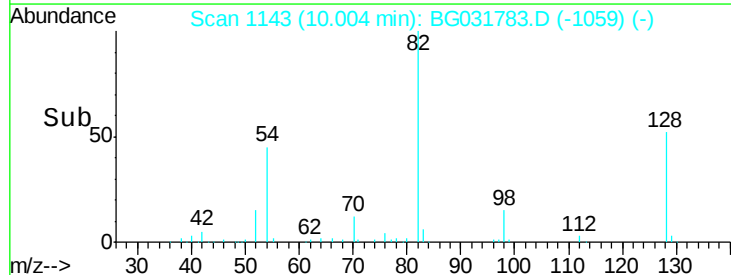
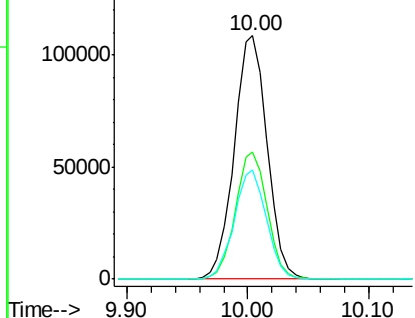


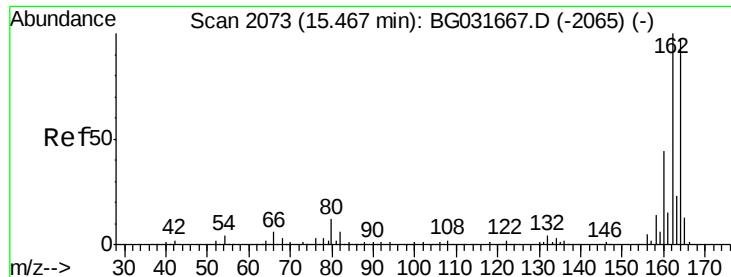
#23
Nitrobenzene-d5
Concen: 89.08 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Tgt Ion: 82	Resp:	206502
Ion Ratio	Lower	Upper
82	100	
128	52.2	29.7 44.5#
54	44.8	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-B

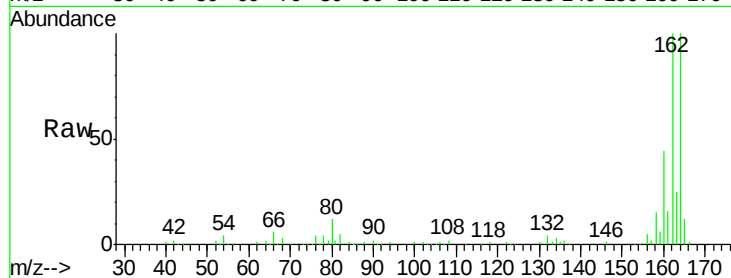
Tot Ion:164 Resp: 127583

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

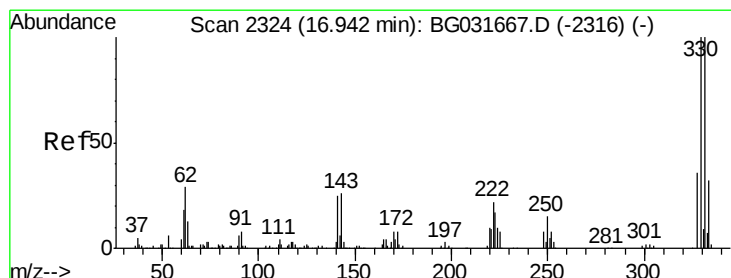
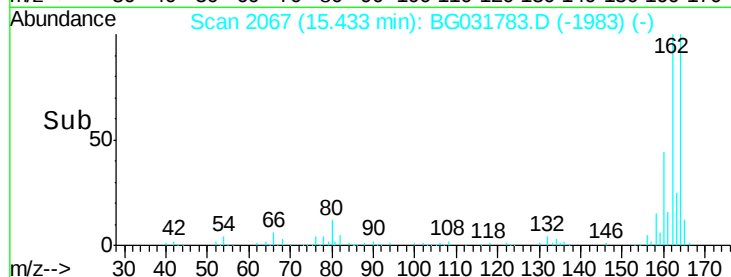
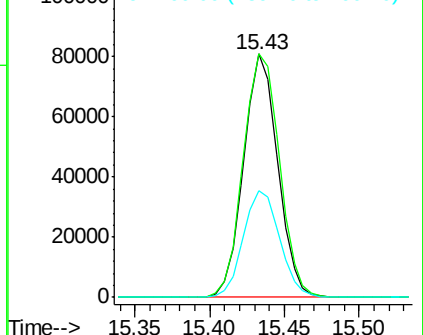
160 43.6 35.4 53.0



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: 96.44 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031783.D

Acq: 27 Dec 2017 5:16

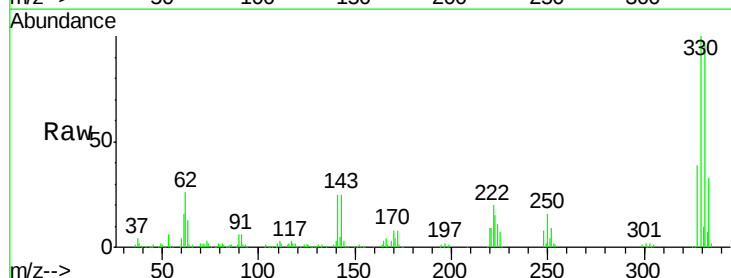
Tgt Ion:330 Resp: 187744

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

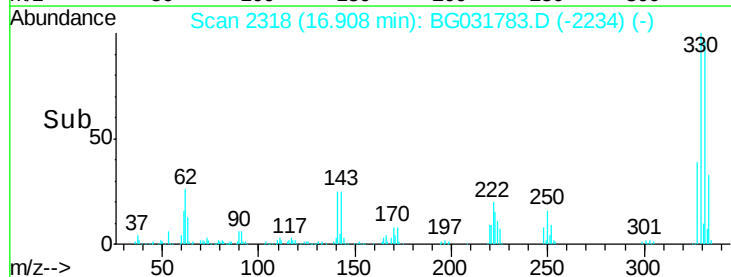
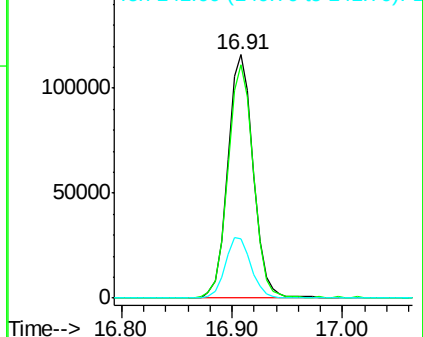
141 25.1 25.2 37.8#

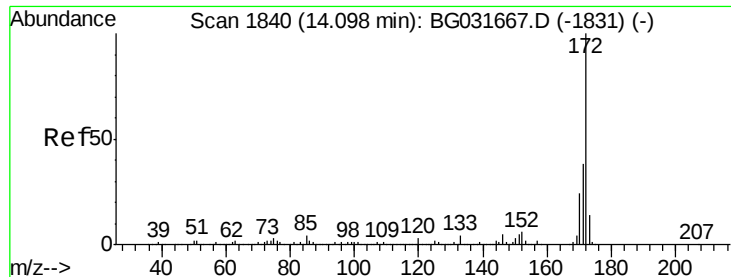


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

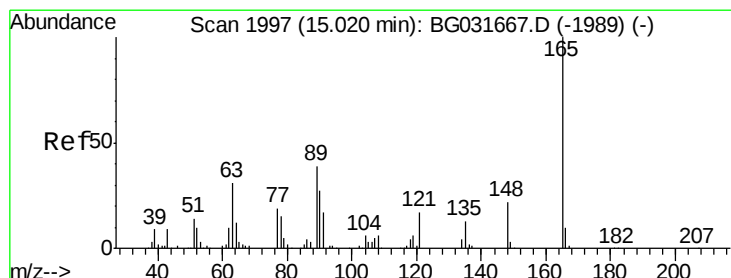
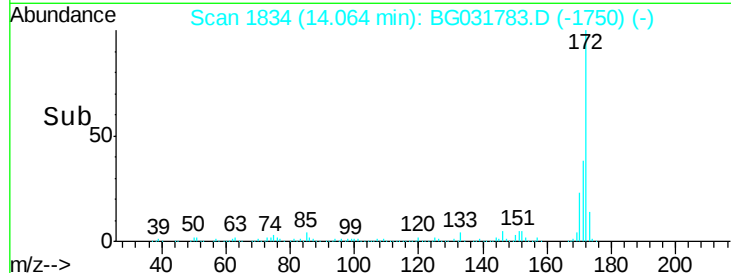
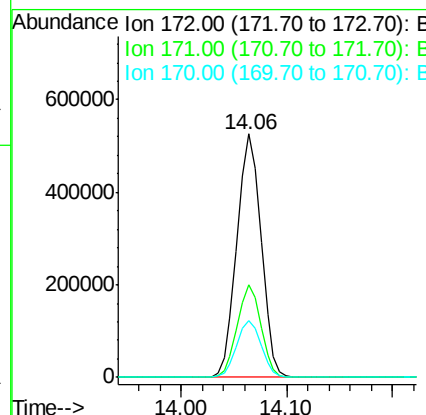
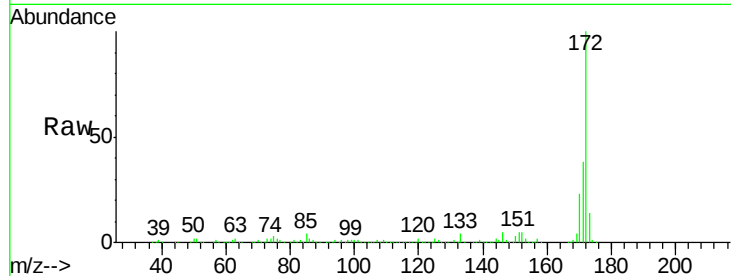




#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

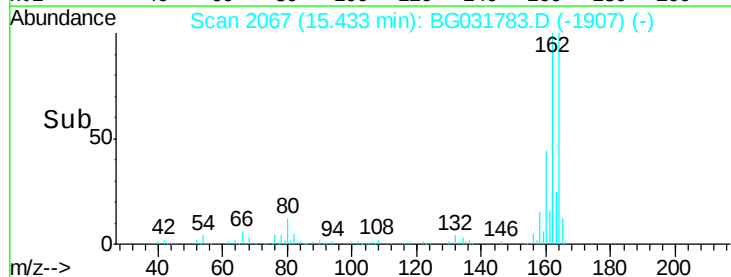
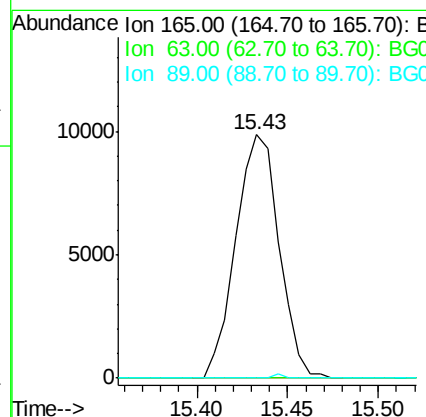
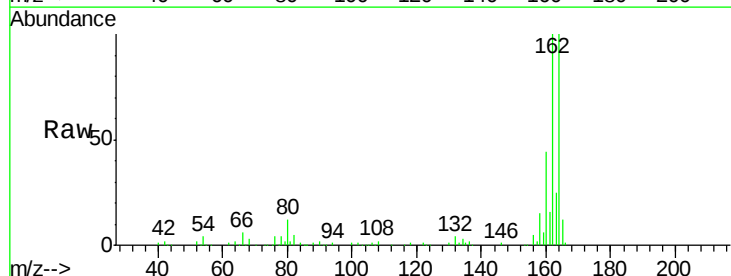
Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

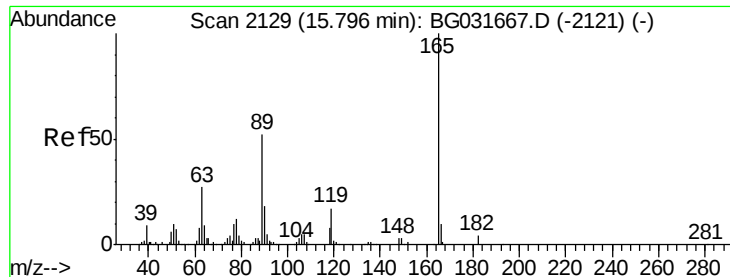
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.4	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.93 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

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

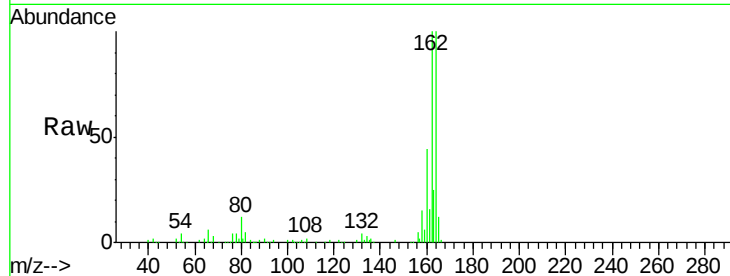




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

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#

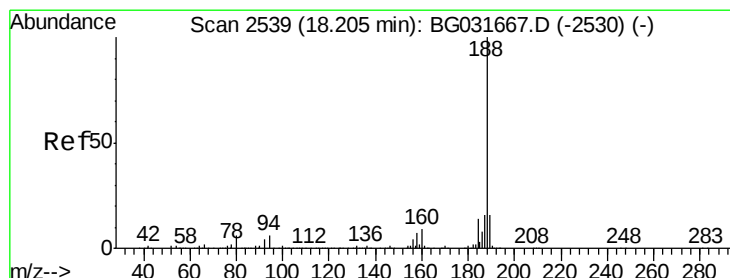
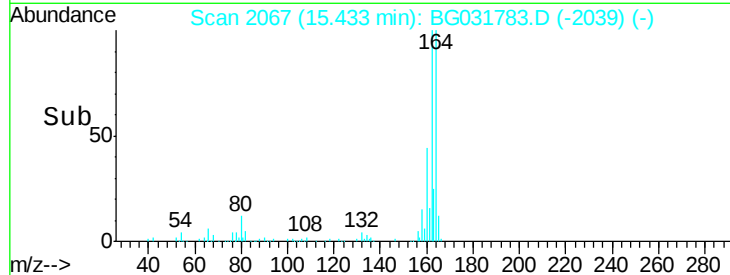
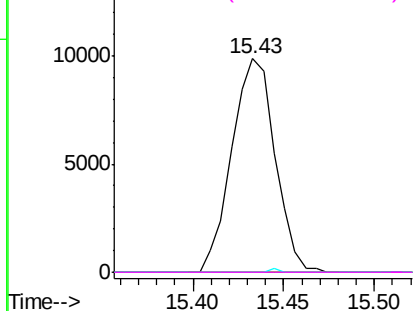


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

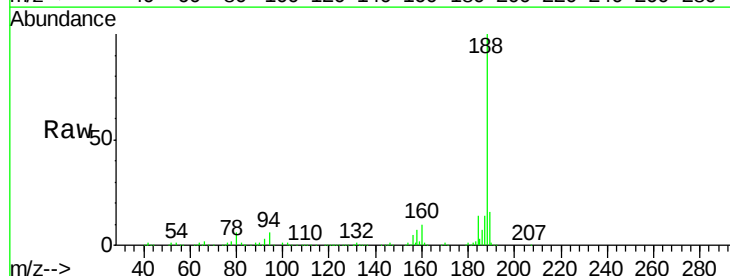
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

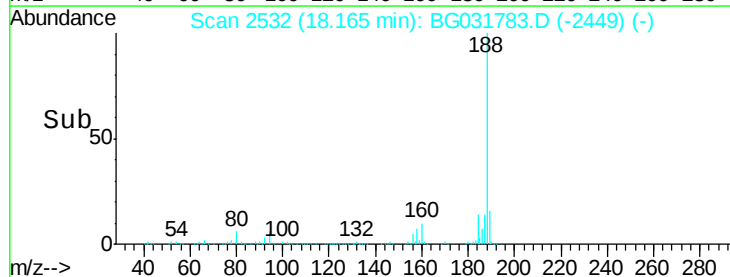
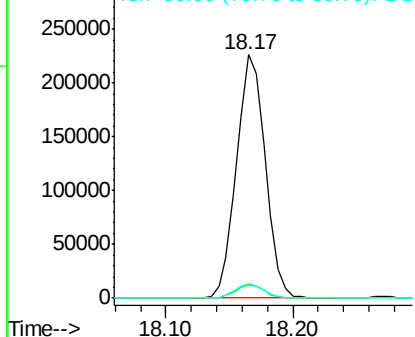
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	5.8	7.7	11.5#

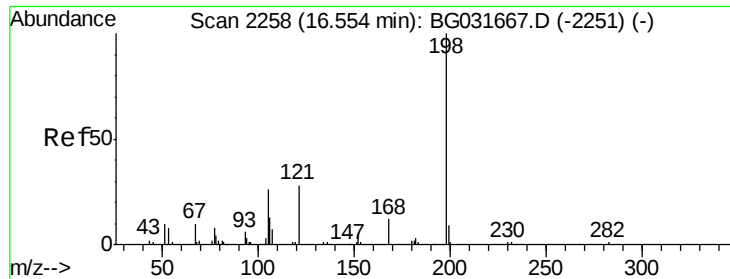


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

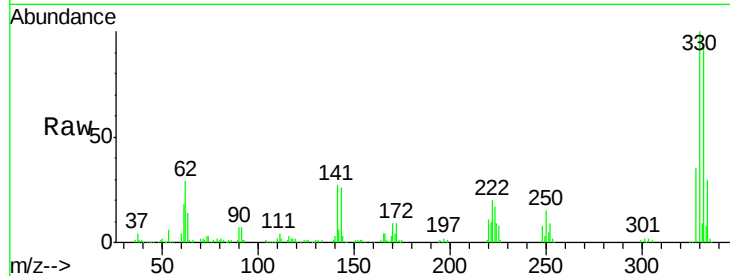




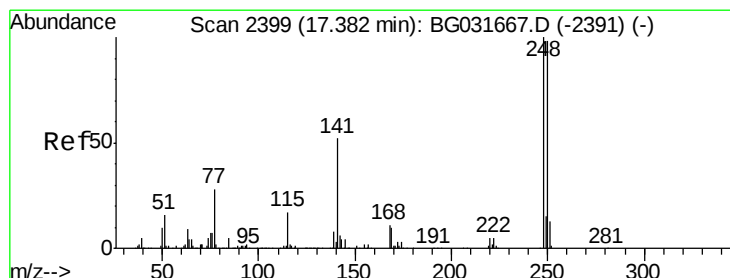
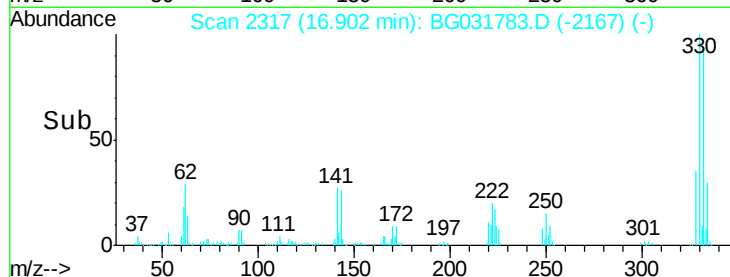
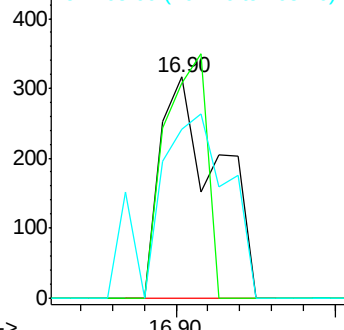
#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
198	100		
51	97.2	30.6	70.6#
105	76.3	23.8	63.8#

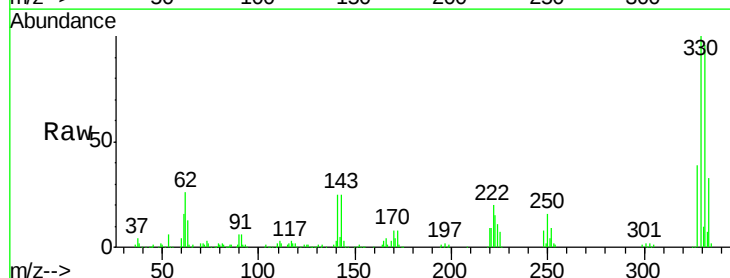


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

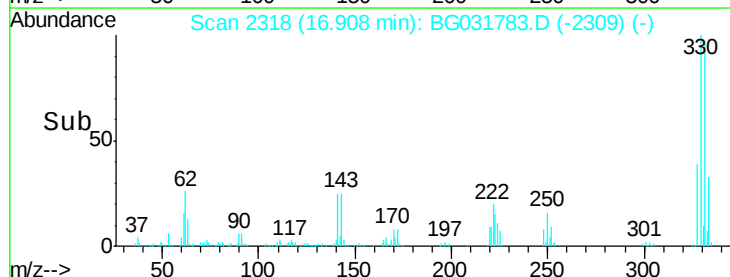
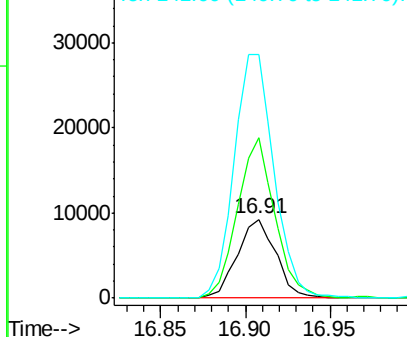


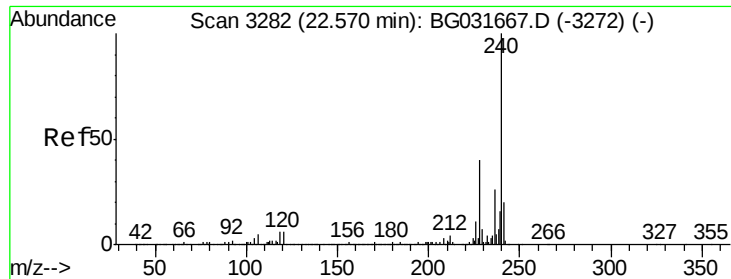
#66
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.47 min
Lab File: BG031783.D
Acq: 27 Dec 2017 5:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.3	77.1	115.7#
141	308.1	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

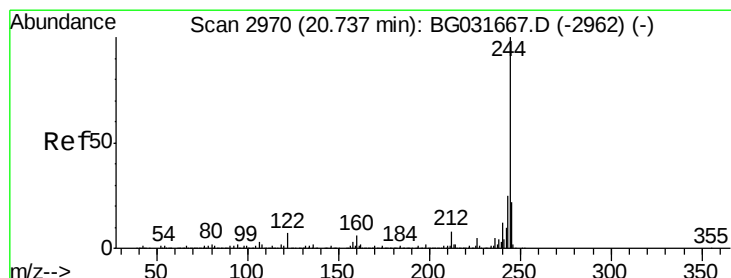
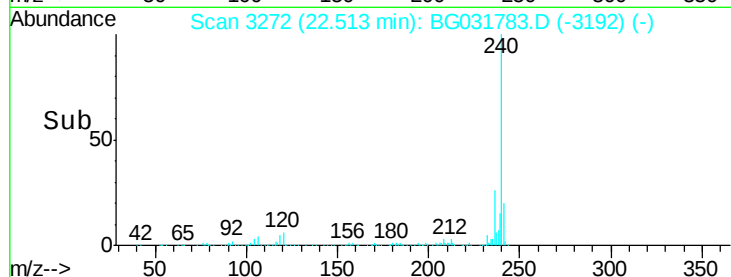
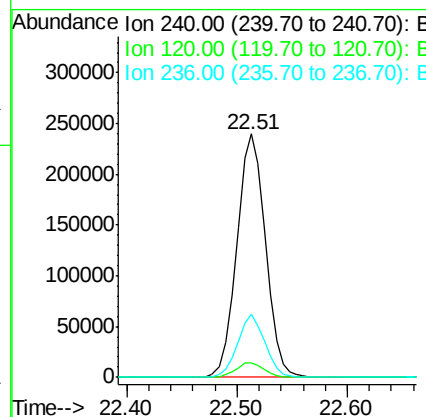
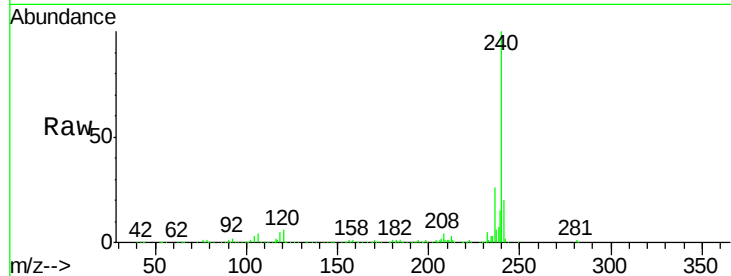




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.51 min Scan# 3272
 Delta R.T. -0.06 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

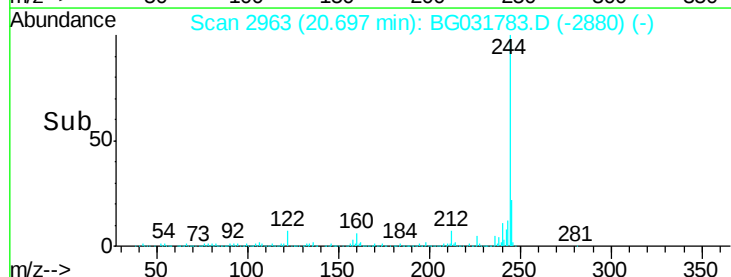
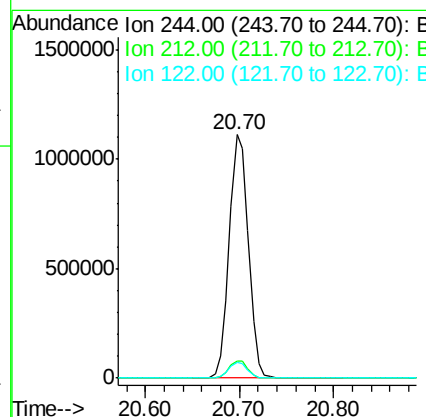
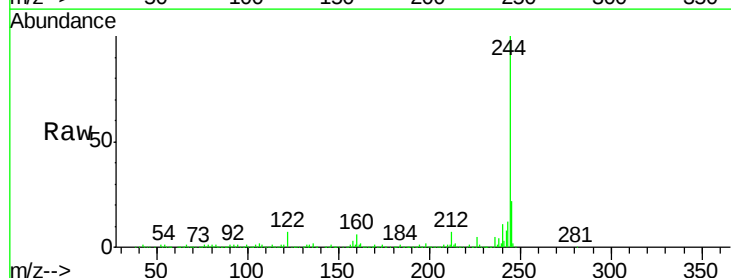
Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

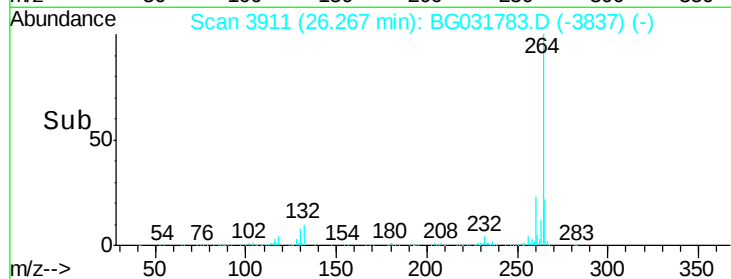
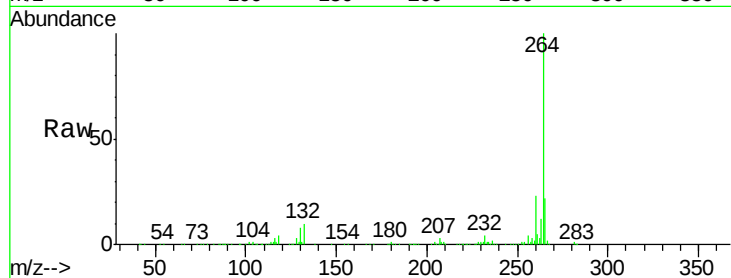
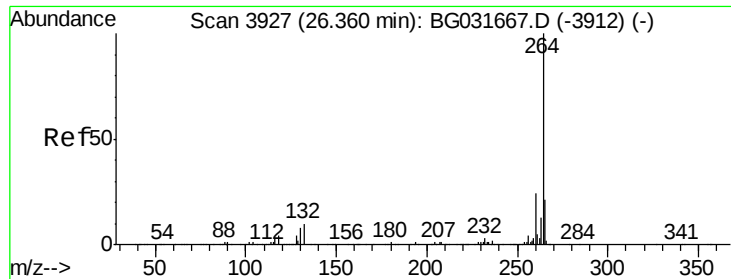
Tot Ion:240 Resp: 435811
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 26.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 82.47 ng
 RT: 20.70 min Scan# 2963
 Delta R.T. -0.04 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

Tgt Ion:244 Resp: 1573188
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 6.5 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031783.D
 Acq: 27 Dec 2017 5:16

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.9	17.7	26.5

