

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033716.D
 Acq On : 10 Apr 2018 16:46
 Operator : SJ/JU
 Sample : J2278-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 18:31:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

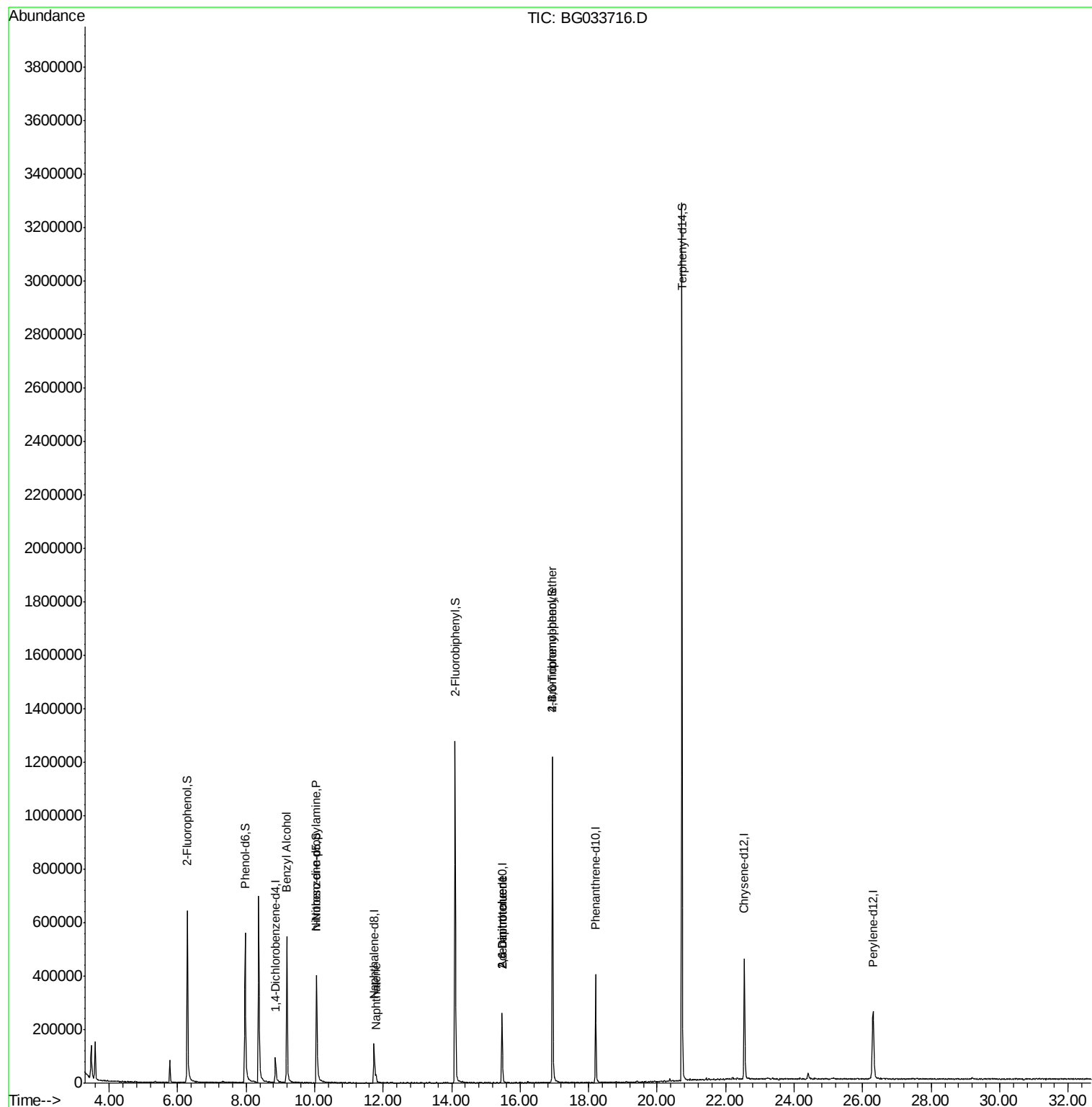
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	36492	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	138824	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98663	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	273188	20.00	ng	0.00
75) Chrysene-d12	22.54	240	333559	20.00	ng	0.00
86) Perylene-d12	26.30	264	350022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	313950	161.32	ng	0.00
7) Phenol-d6	7.97	99	399684	119.53	ng	0.00
23) Nitrobenzene-d5	10.05	82	319877	105.86	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	236236	160.09	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	710855	104.01	ng	0.00
78) Terphenyl-d14	20.72	244	1631037	104.57	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6089	2.313	ng	# 37
19) n-Nitroso-di-n-propylamine	10.05	70	43474	17.743	ng	# 79
31) Naphthalene	11.79	128	24791	3.446	ng	# 94
50) 2,6-Dinitrotoluene	15.47	165	13524	7.703	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	13525	5.232	ng	# 21
66) 4-Bromophenyl-phenylether	16.95	248	18914	5.895	ng	# 1

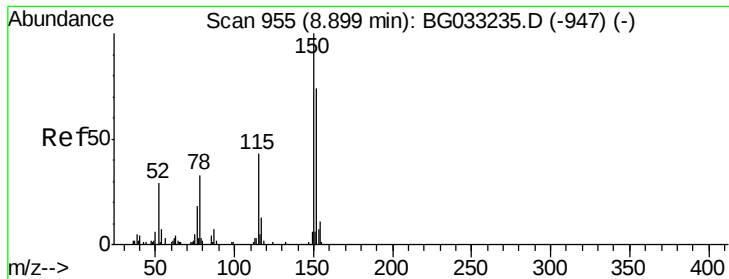
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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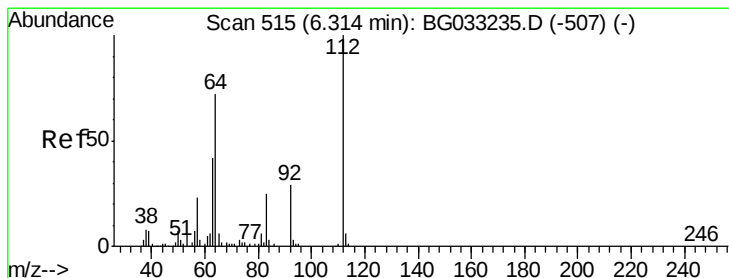
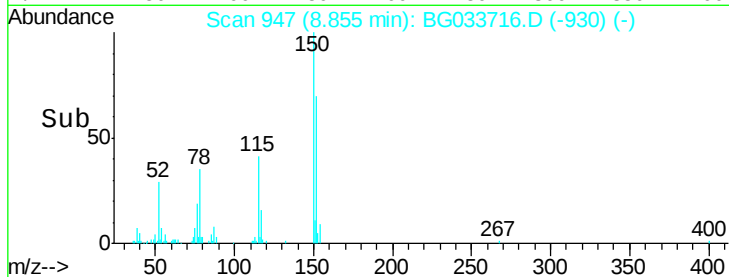
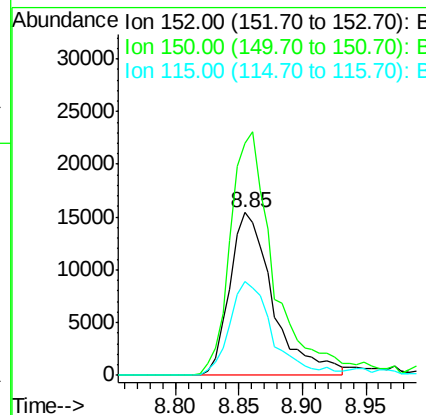
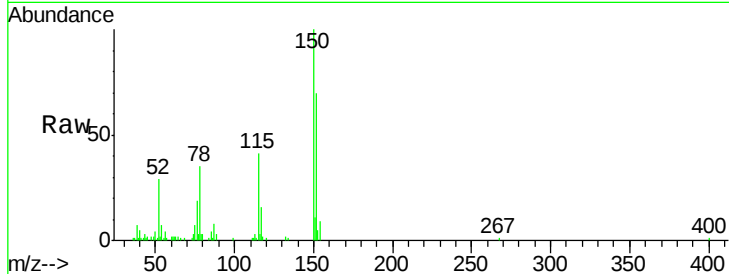


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Instrument :
BNA_G
ClientSampleId :

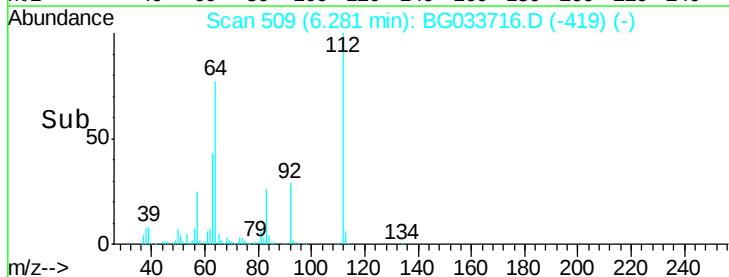
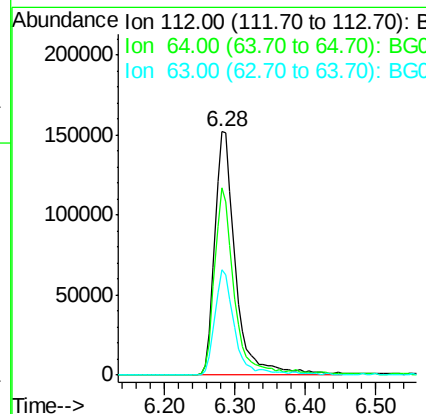
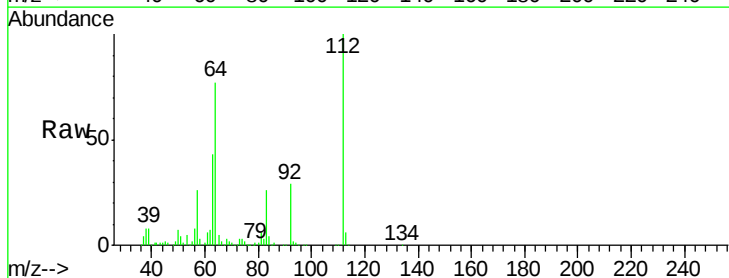
Tot Ion:152 Resp: 36492
Ion Ratio Lower Upper
152 100
150 142.7 126.6 189.8
115 57.9 53.0 79.4

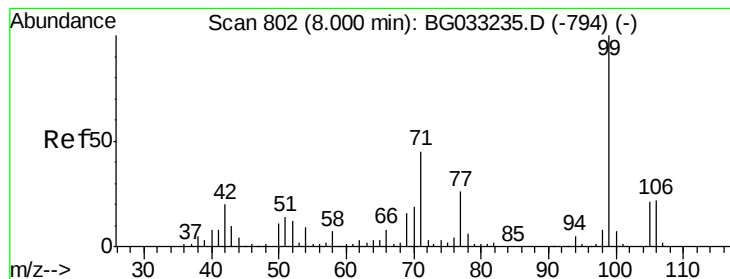


#5

2-Fluorophenol
Concen: 161.321 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Tgt Ion:112 Resp: 313950
Ion Ratio Lower Upper
112 100
64 76.9 56.3 84.5
63 43.3 30.1 45.1





#7

Phenol-d6

Concen: 119.529 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033716.D

Acq: 10 Apr 2018 16:46

Instrument :

BNA_G

ClientSampled :

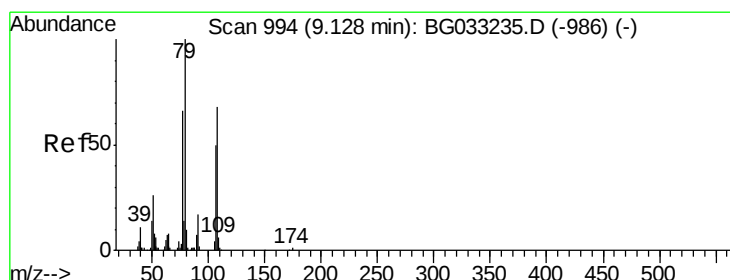
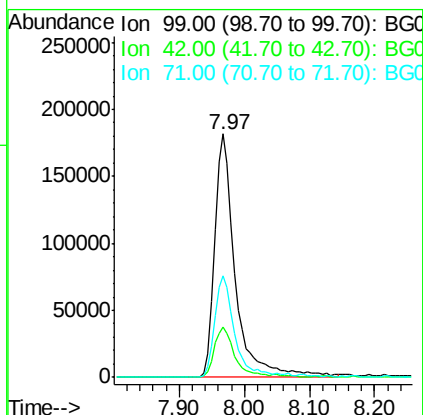
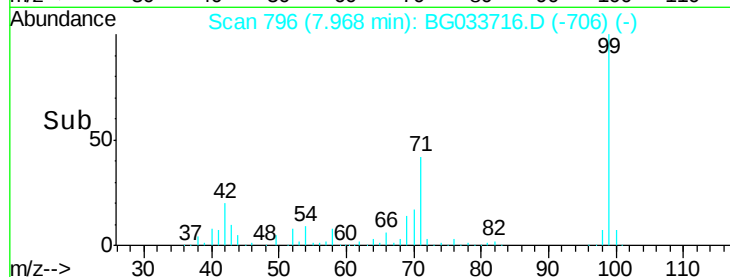
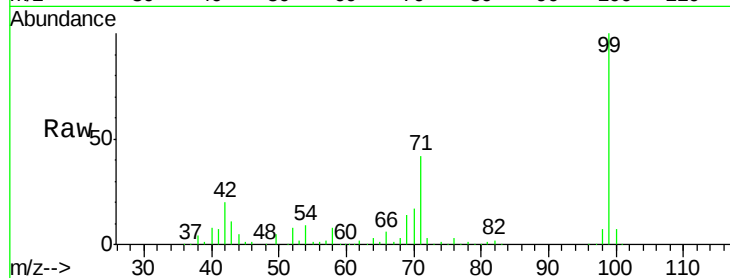
Tot Ion: 99 Resp: 399684

Ion Ratio Lower Upper

99 100

42 20.5 14.1 21.1

71 41.5 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.313 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033716.D

Acq: 10 Apr 2018 16:46

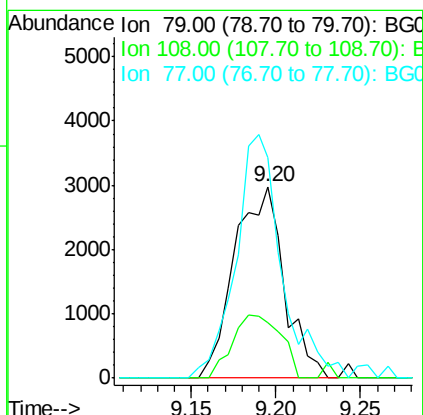
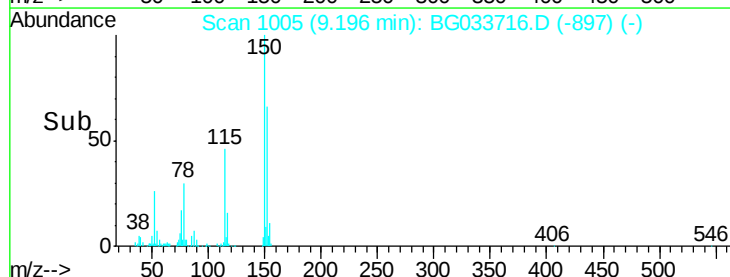
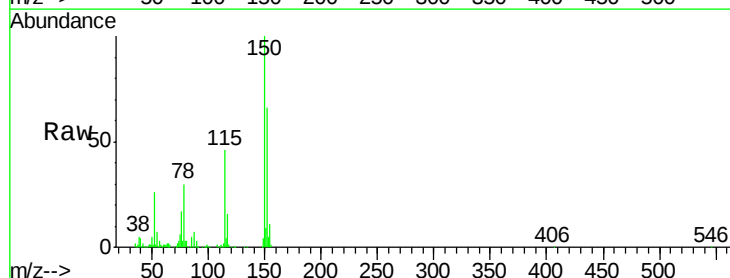
Tgt Ion: 79 Resp: 6089

Ion Ratio Lower Upper

79 100

108 29.2 57.2 85.8#

77 115.4 46.1 69.1#

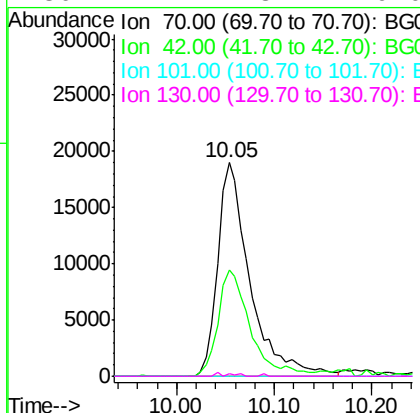
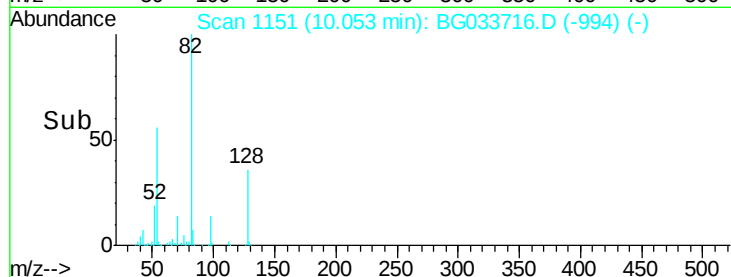
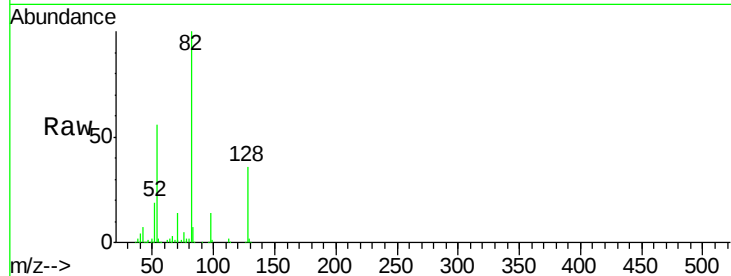




#19
n-Nitroso-di-n-propylamine
Concen: 17.743 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

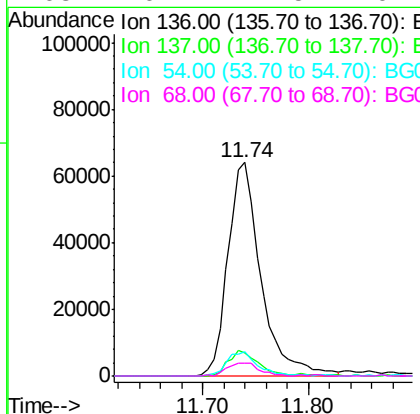
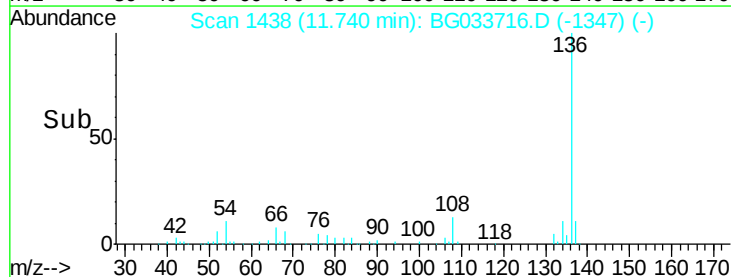
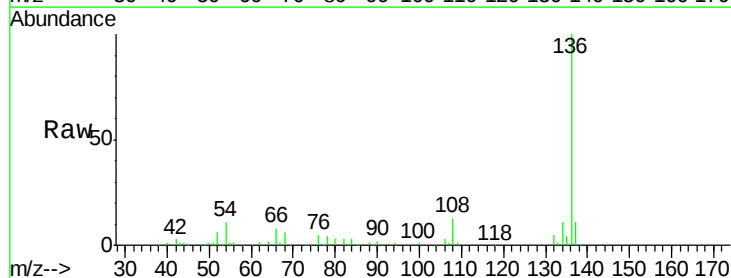
Instrument :
BNA_G
ClientSampled :

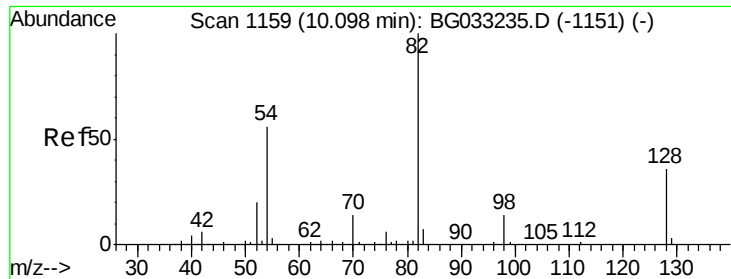
Tot Ion: 70 Resp: 43474
Ion Ratio Lower Upper
70 100
42 49.7 49.1 73.7
101 0.0 8.5 12.7#
130 1.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Tgt Ion: 136 Resp: 138824
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 11.5 10.3 15.5
68 6.2 4.5 6.7

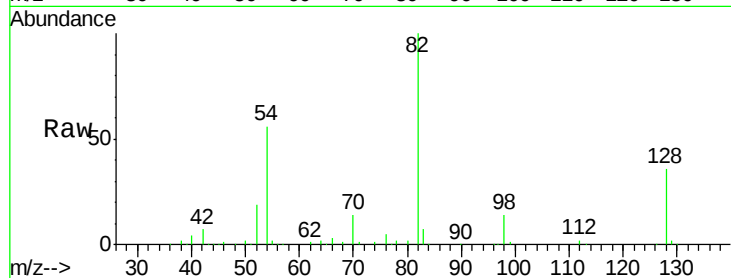




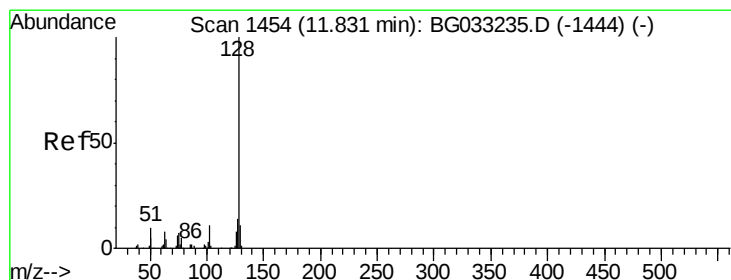
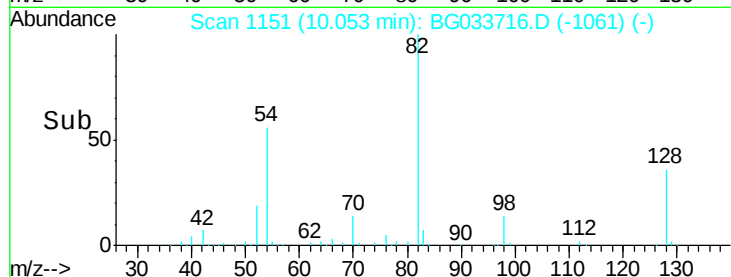
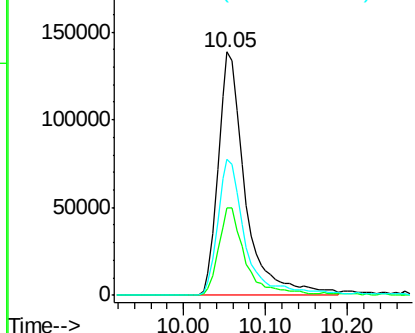
#23
Nitrobenzene-d5
Concen: 105.864 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	319877
Ion Ratio	Lower	Upper	
82	100		
128	35.8	29.7	44.5
54	56.0	43.1	64.7

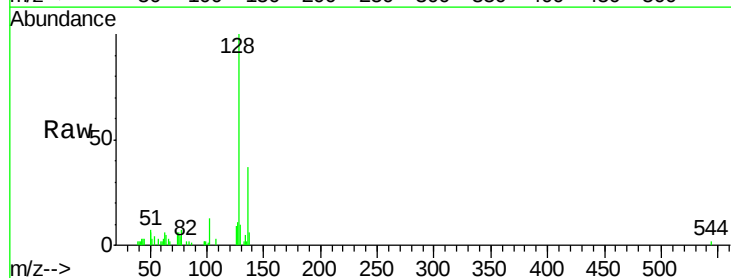


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

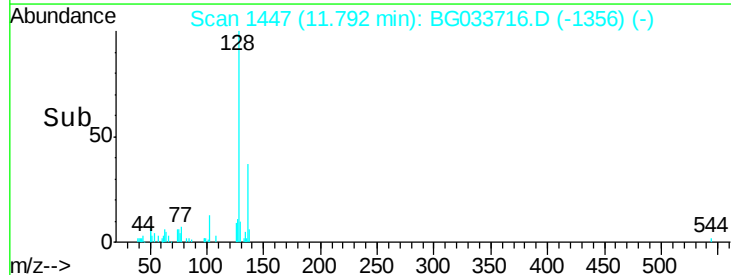
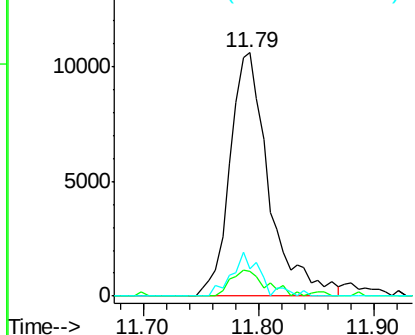


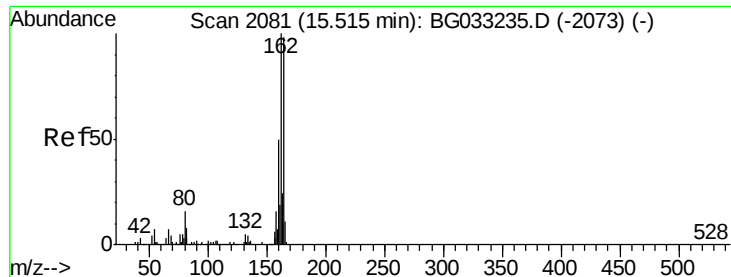
#31
Naphthalene
Concen: 3.446 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Tgt Ion	128	Resp	24791
Ion Ratio	Lower	Upper	
128	100		
129	10.0	8.6	12.8
127	11.0	11.6	17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033716.D

Acq: 10 Apr 2018 16:46

Instrument :

BNA_G

ClientSampleId :

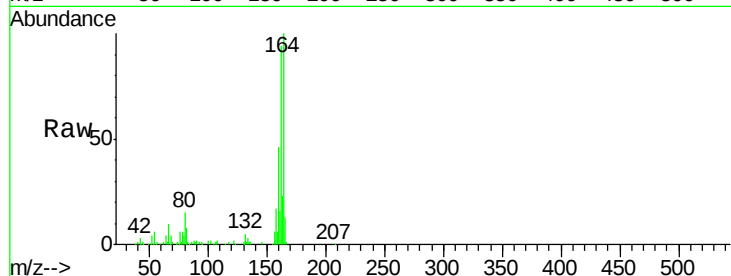
Tot Ion:164 Resp: 98663

Ion Ratio Lower Upper

164 100

162 94.2 78.8 118.2

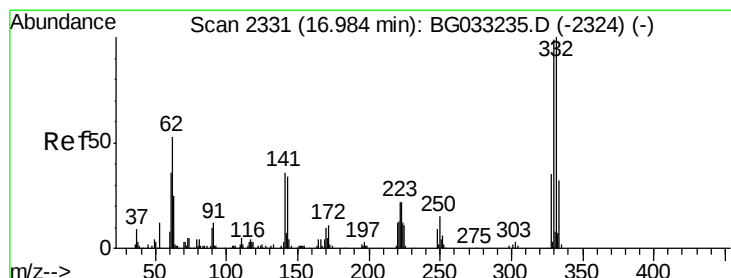
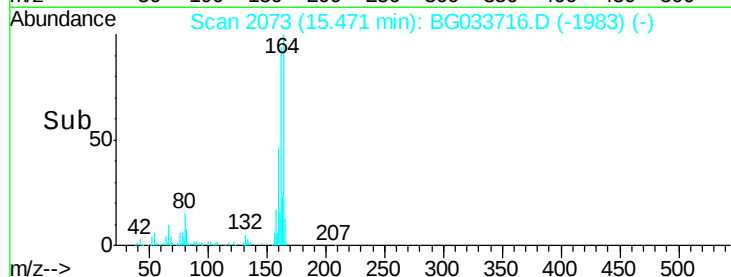
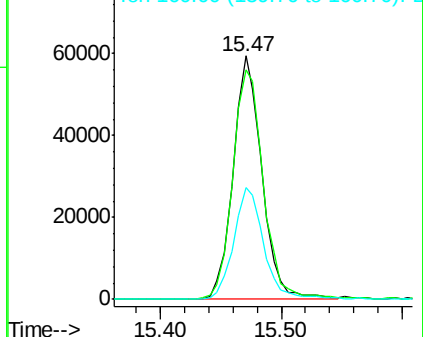
160 45.7 35.4 53.0



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: 160.093 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033716.D

Acq: 10 Apr 2018 16:46

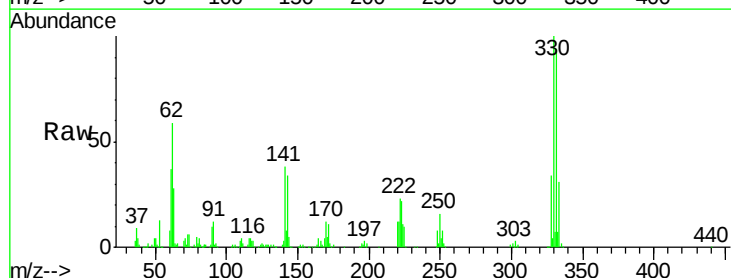
Tgt Ion:330 Resp: 236236

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

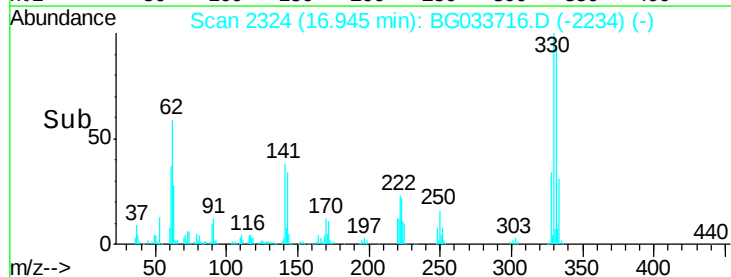
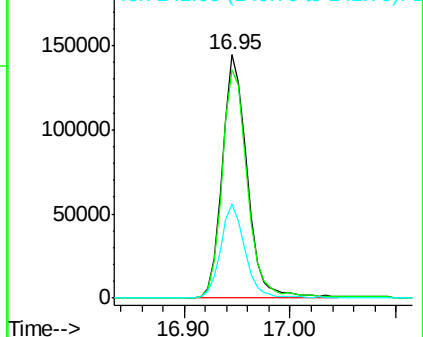
141 38.1 25.2 37.8#

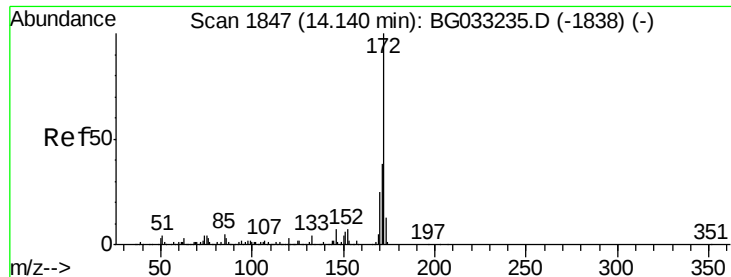


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

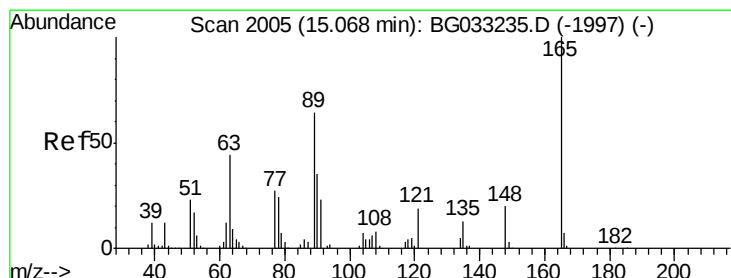
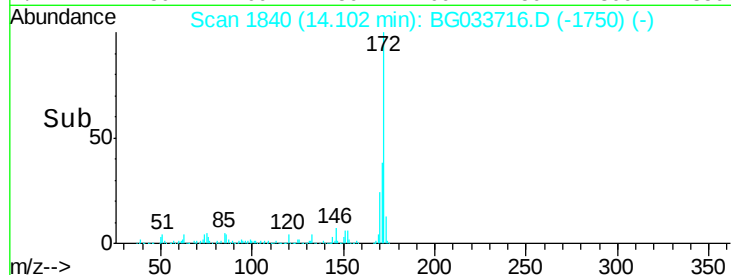
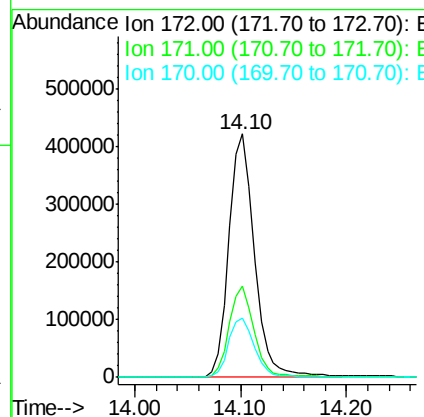
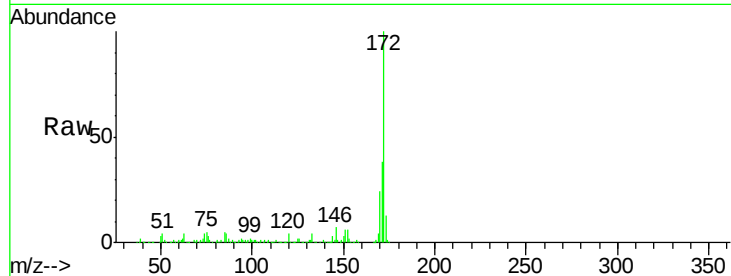




#44
 2-Fluorobiphenyl
 Concen: 104.012 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033716.D
 Acq: 10 Apr 2018 16:46

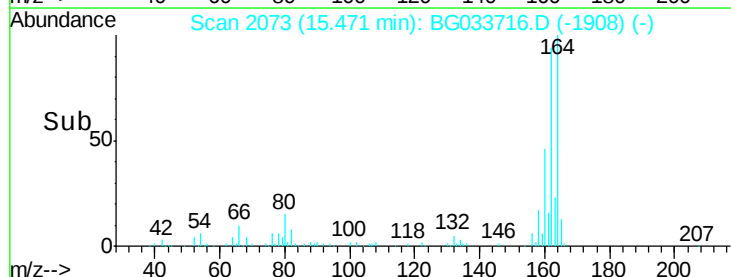
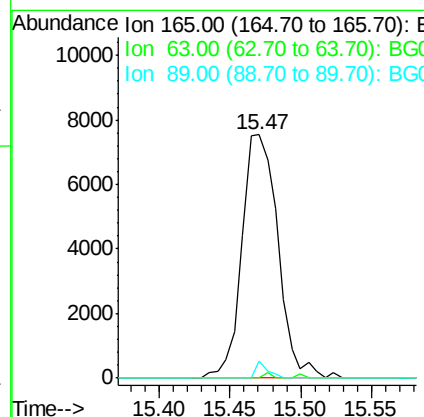
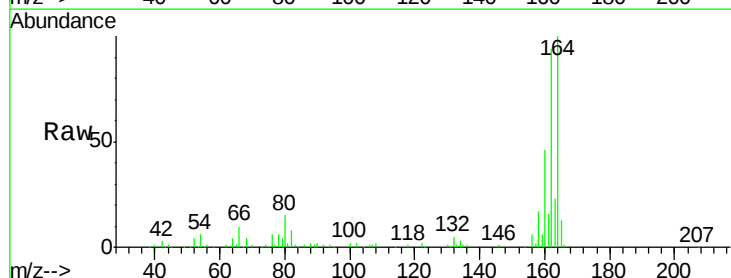
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.2	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.703 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033716.D
 Acq: 10 Apr 2018 16:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	7.1	49.2	73.8#

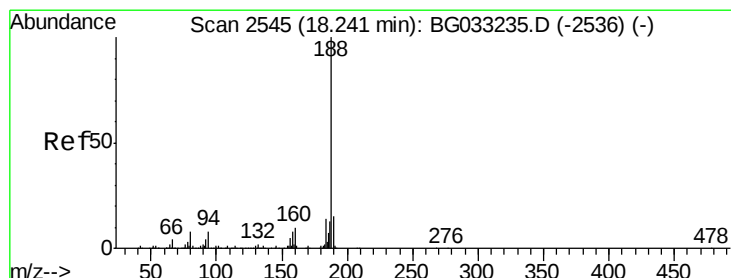
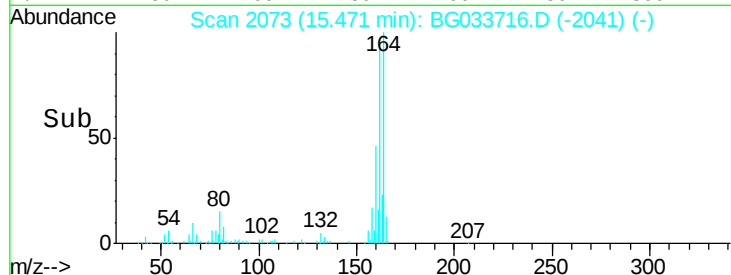
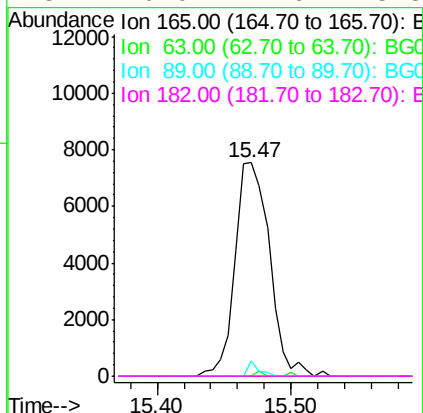
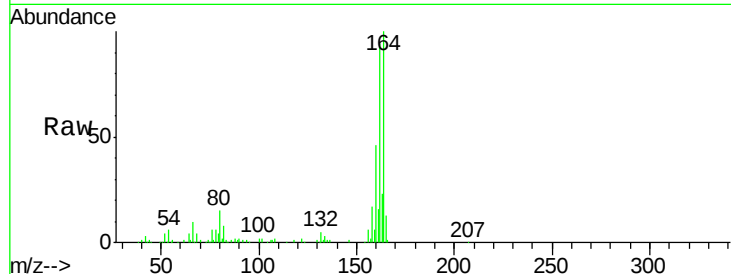




#56
2,4-Dinitrotoluene
Concen: 5.232 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

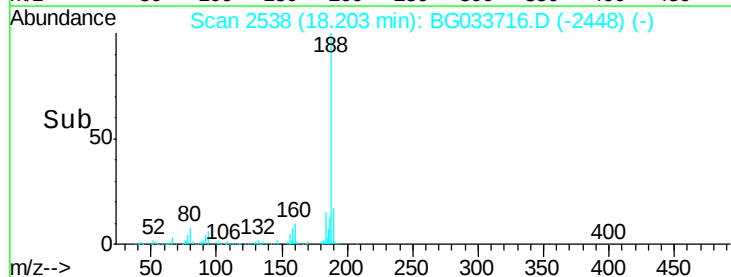
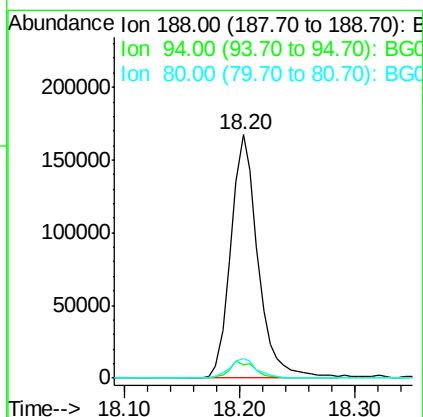
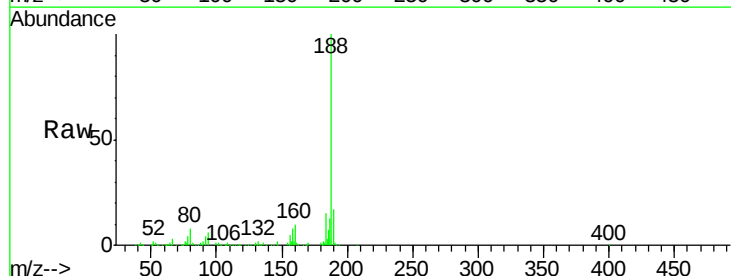
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 13525
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 7.1 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Tgt Ion:188 Resp: 273188
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 7.9 7.7 11.5

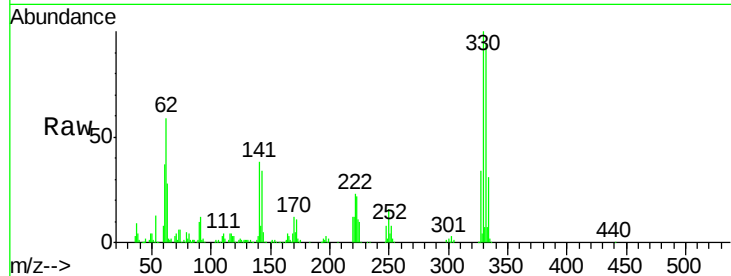




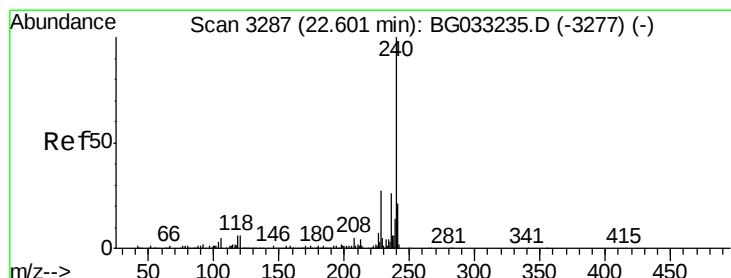
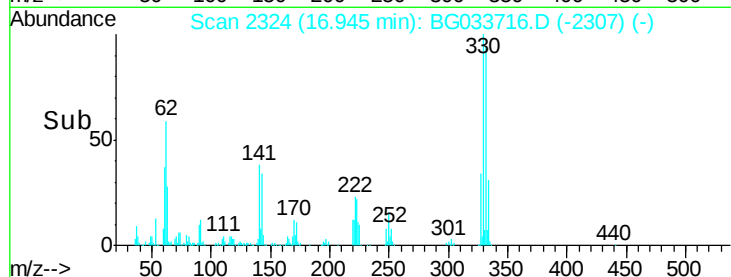
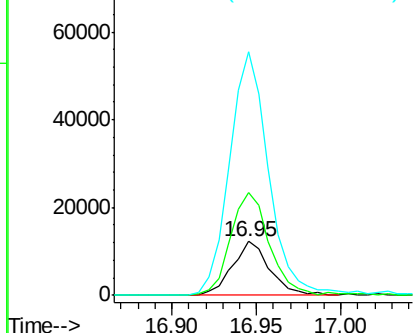
#66
4-Bromophenyl-phenylether
Concen: 5.895 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18914
Ion Ratio Lower Upper
248 100
250 191.0 77.1 115.7#
141 452.2 50.8 76.2#

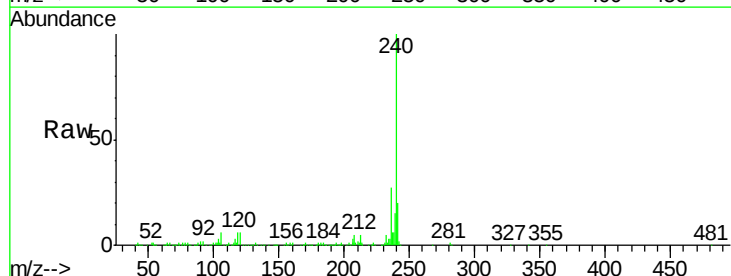


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

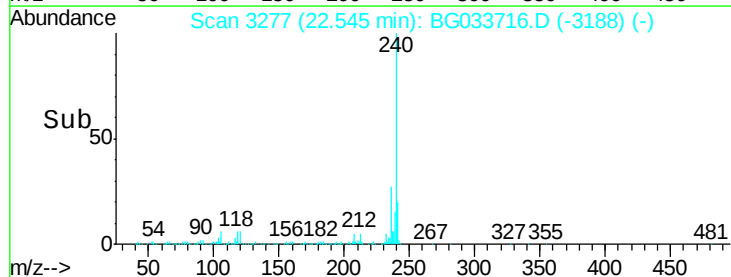
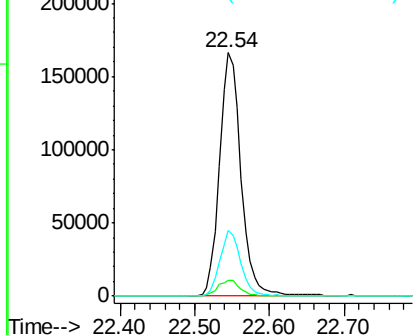


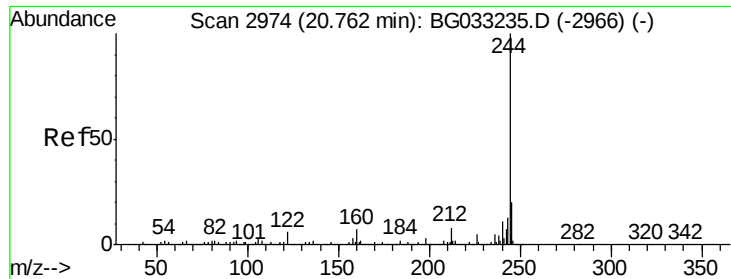
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033716.D
Acq: 10 Apr 2018 16:46

Tgt Ion:240 Resp: 333559
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.9 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: 104.574 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033716.D

Acq: 10 Apr 2018 16:46

Instrument :

BNA_G

ClientSampleId :

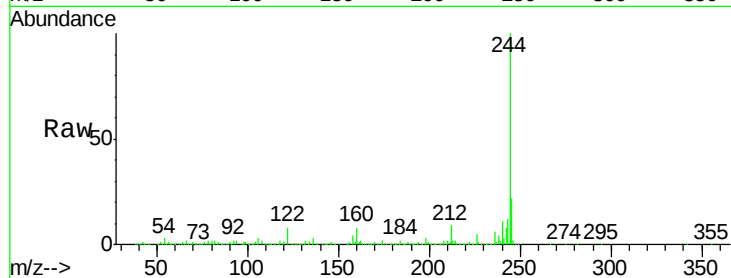
Tot Ion:244 Resp: 1631037

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

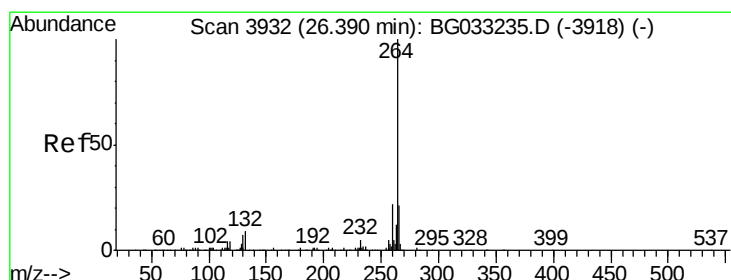
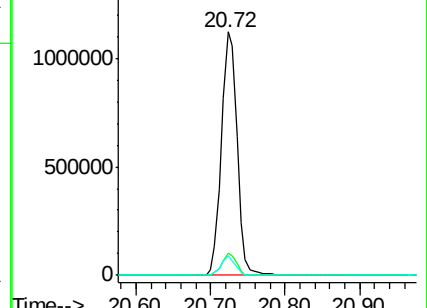
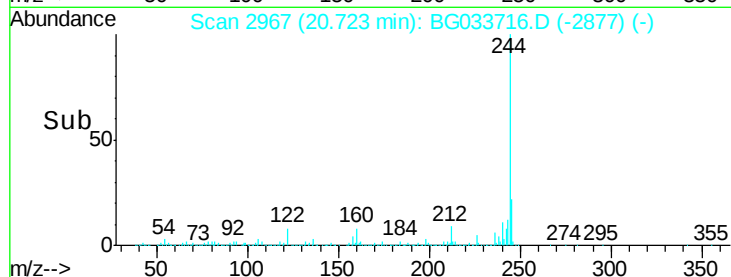
122 8.3 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033716.D

Acq: 10 Apr 2018 16:46

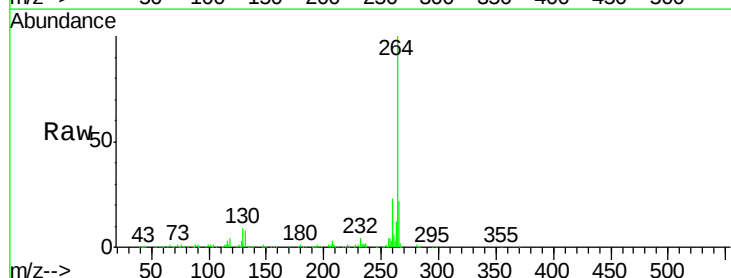
Tgt Ion:264 Resp: 350022

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.3 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

