

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033816.D
 Acq On : 16 Apr 2018 14:57
 Operator : SJ/JU
 Sample : J2364-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 16:09:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

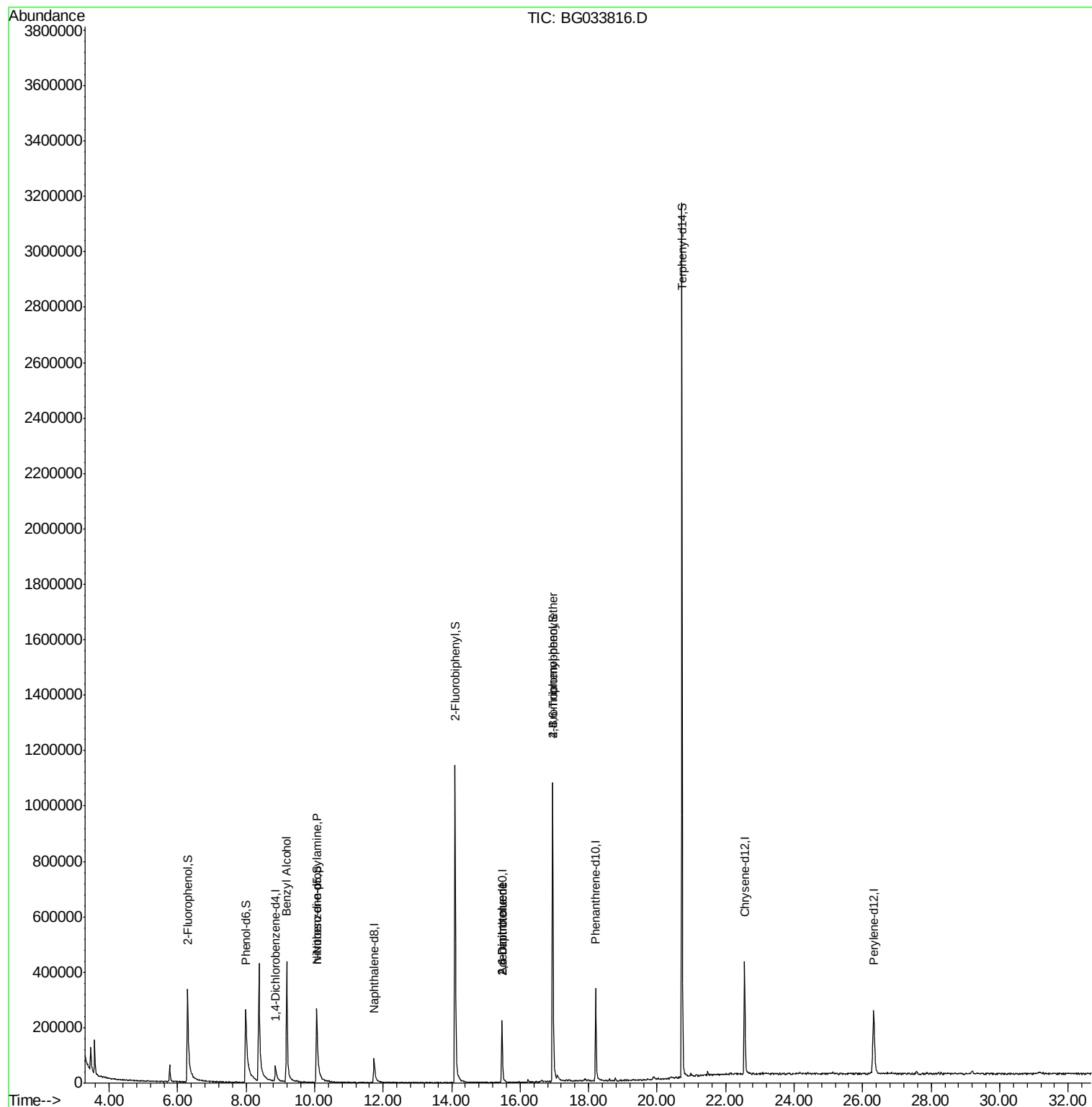
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27543	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	119862	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95269	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	276348	20.00	ng	0.00
75) Chrysene-d12	22.55	240	305615	20.00	ng	0.00
86) Perylene-d12	26.32	264	330746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	274699	187.01	ng	0.00
7) Phenol-d6	7.99	99	352004	139.47	ng	0.00
23) Nitrobenzene-d5	10.06	82	299971	114.98	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	249157	174.86	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	782091	118.51	ng	0.00
78) Terphenyl-d14	20.72	244	1676292	117.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	5782	2.910	ng	# 35
19) n-Nitroso-di-n-propylamine	10.06	70	38115	20.610	ng	# 82
50) 2,6-Dinitrotoluene	15.48	165	11985	7.070	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	12219	4.895	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	19106	5.887	ng	# 1

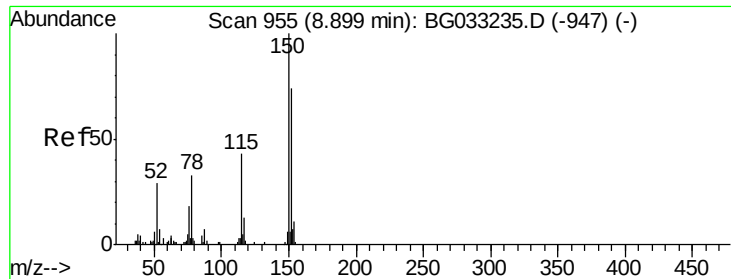
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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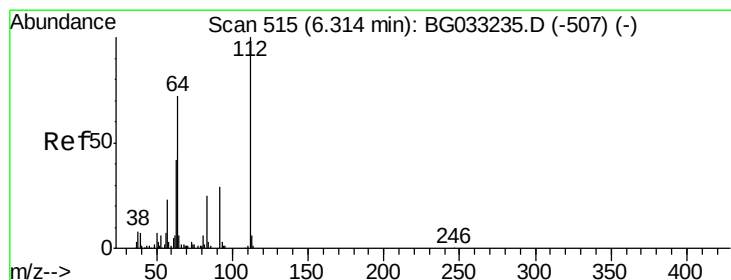
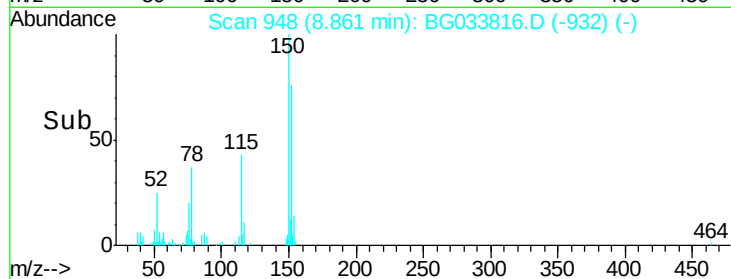
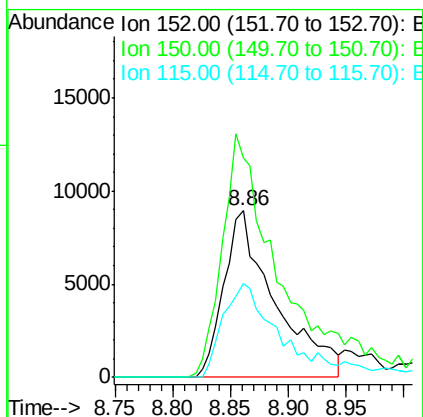
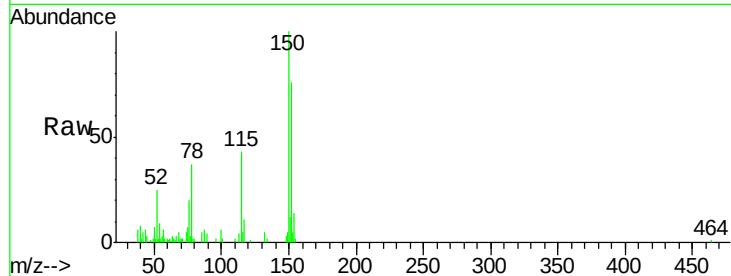


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Instrument :
BNA_G
ClientSampleId :

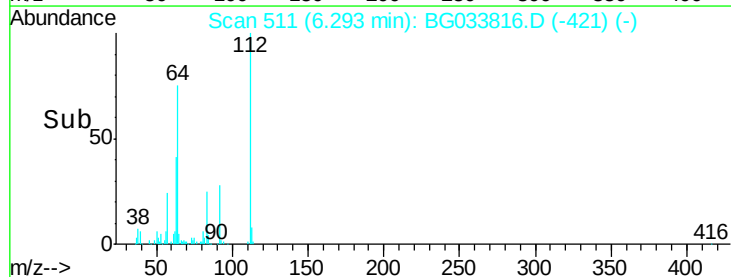
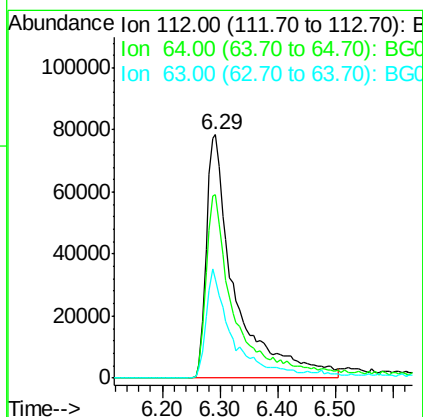
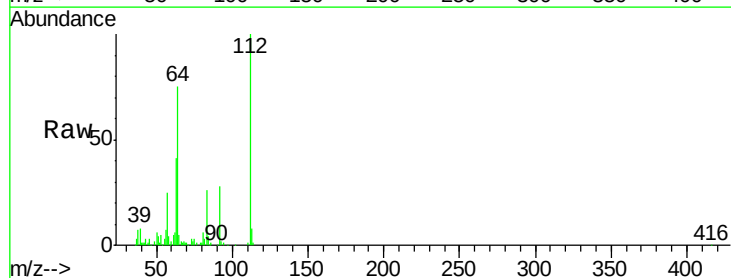
Tot Ion:152 Resp: 27543
Ion Ratio Lower Upper
152 100
150 132.0 126.6 189.8
115 56.2 53.0 79.4

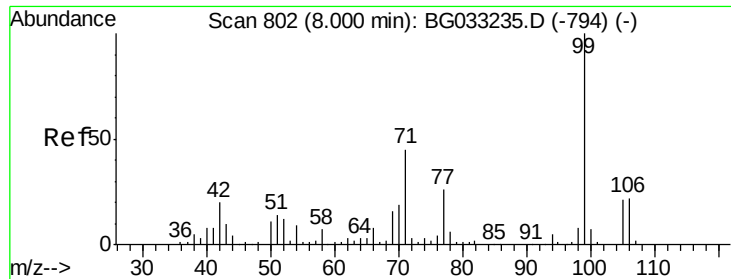


#5

2-Fluorophenol
Concen: 187.014 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Tgt Ion:112 Resp: 274699
Ion Ratio Lower Upper
112 100
64 75.2 56.3 84.5
63 40.7 30.1 45.1





#7

Phenol-d6

Concen: 139.473 ng

RT: 7.99 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

Instrument :

BNA_G

ClientSampleId :

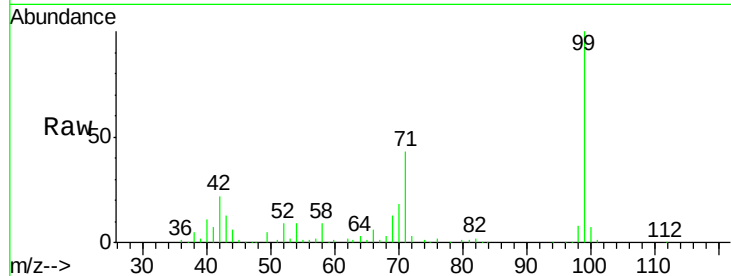
Tot Ion: 99 Resp: 352004

Ion Ratio Lower Upper

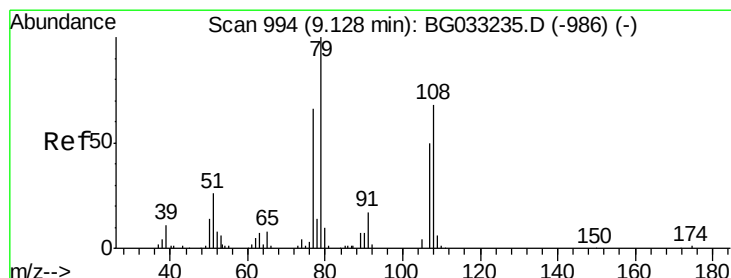
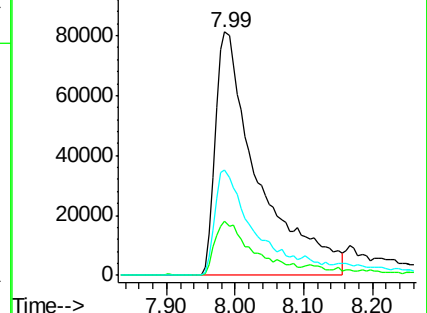
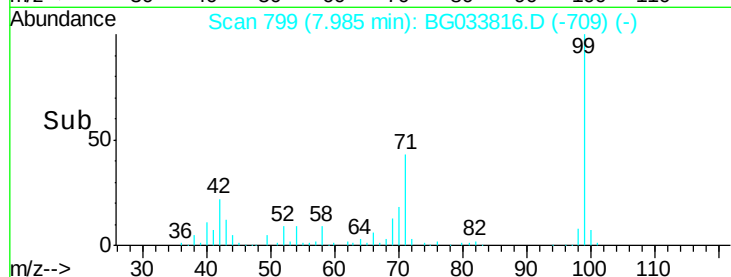
99 100

42 22.3 14.1 21.1#

71 43.5 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: 2.910 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

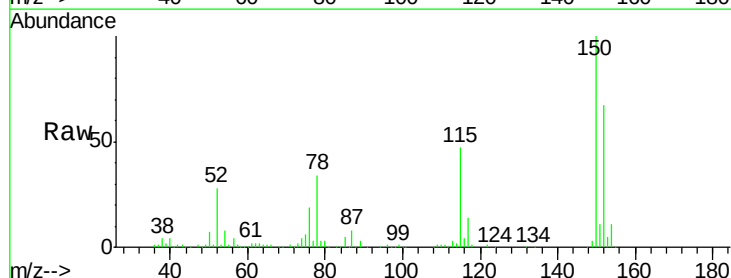
Tgt Ion: 79 Resp: 5782

Ion Ratio Lower Upper

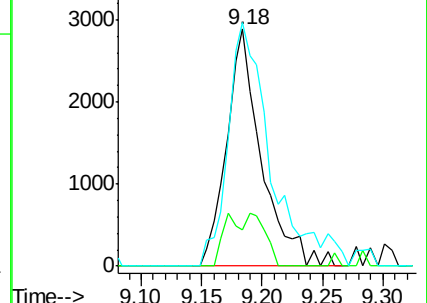
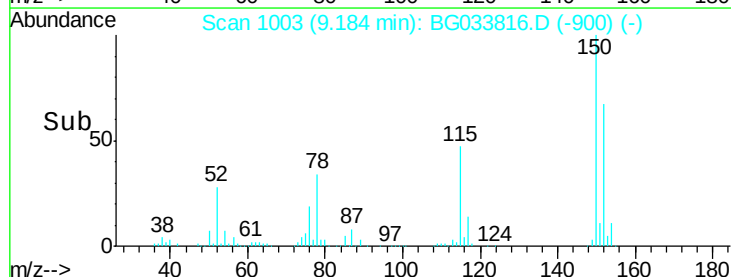
79 100

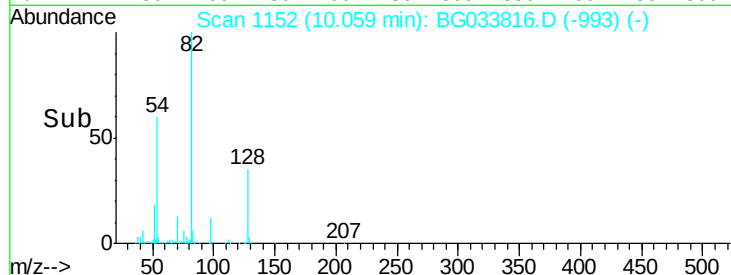
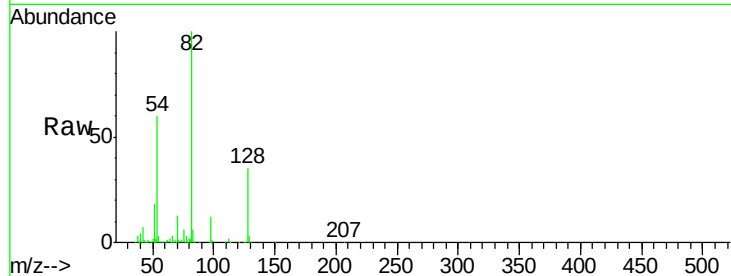
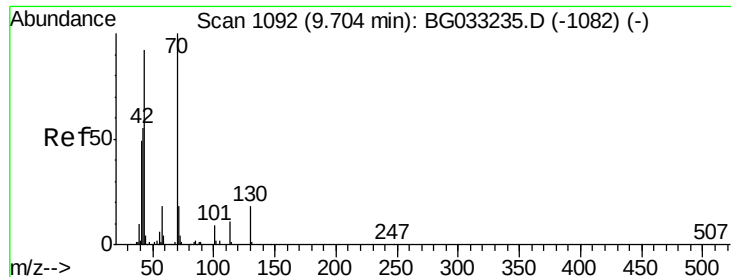
108 15.3 57.2 85.8#

77 102.9 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

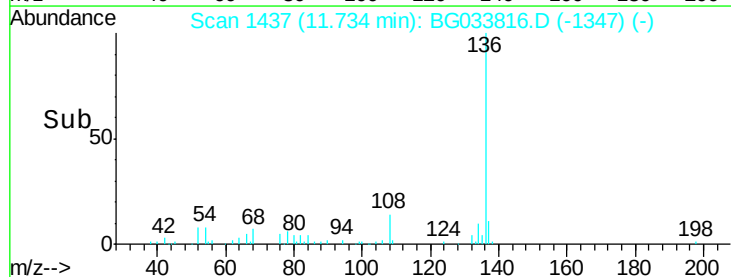
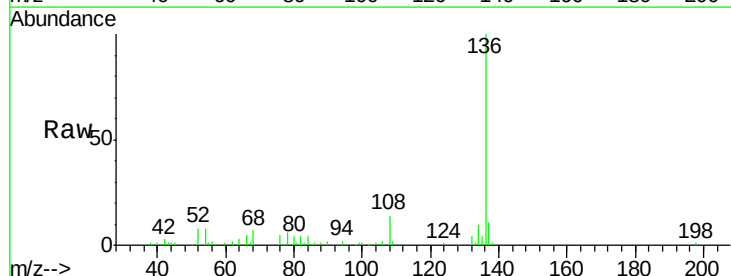
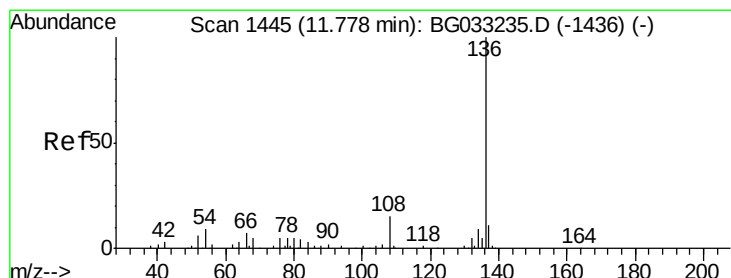
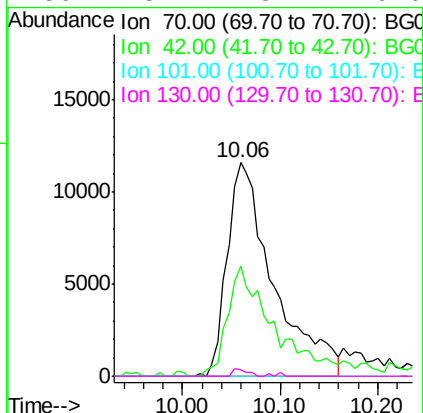




#19
n-Nitroso-di-n-propylamine
Concen: 20.610 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

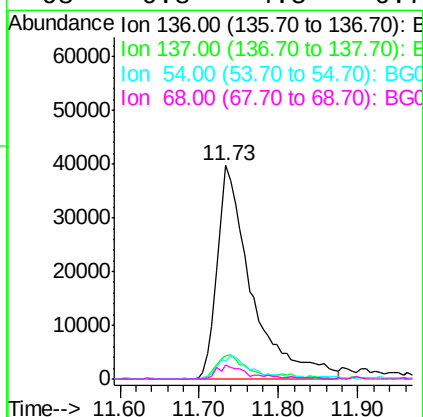
Instrument :
BNA_G
ClientSampleId :

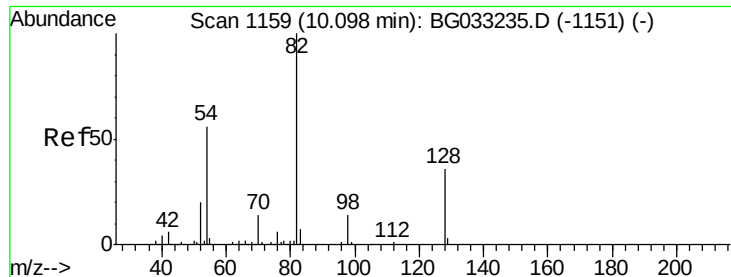
Tot Ion	70	Resp	38115
Ion Ratio	100	Lower	Upper
42	51.5	49.1	73.7
101	0.0	8.5	12.7#
130	3.1	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Tgt Ion	136	Resp	119862
Ion Ratio	100	Lower	Upper
137	11.0	9.2	13.8
54	8.1	10.3	15.5#
68	6.8	4.5	6.7#

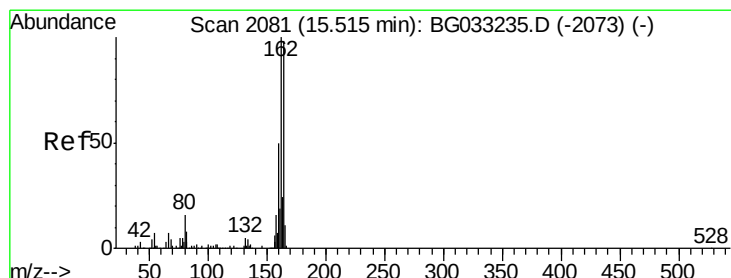
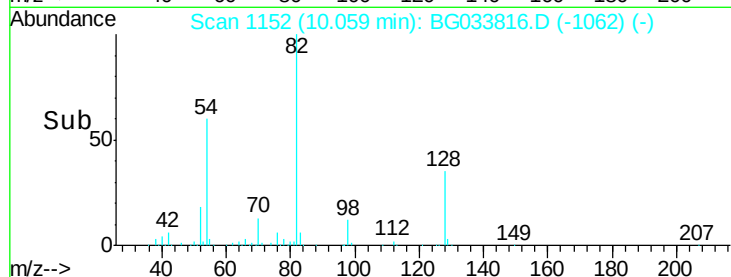
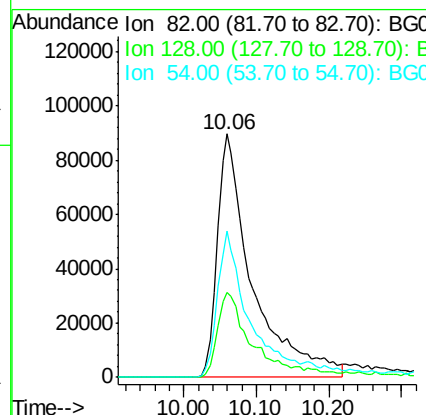
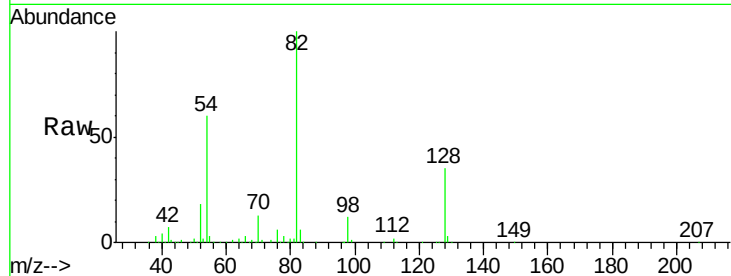




#23
 Nitrobenzene-d5
 Concen: 114.981 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

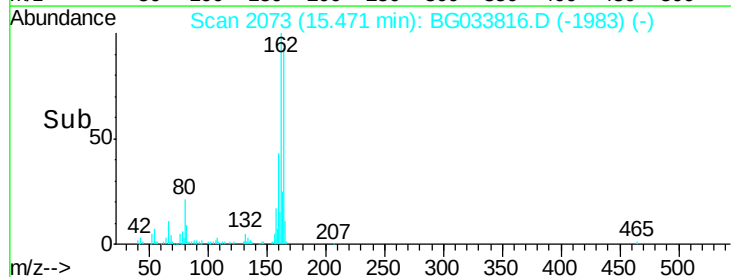
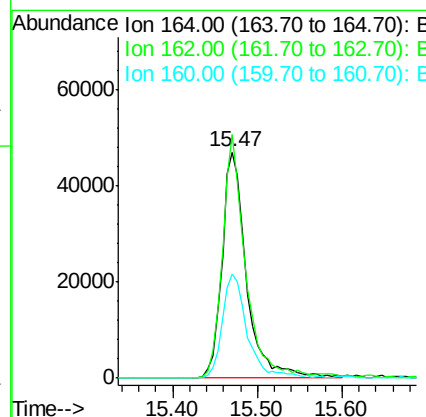
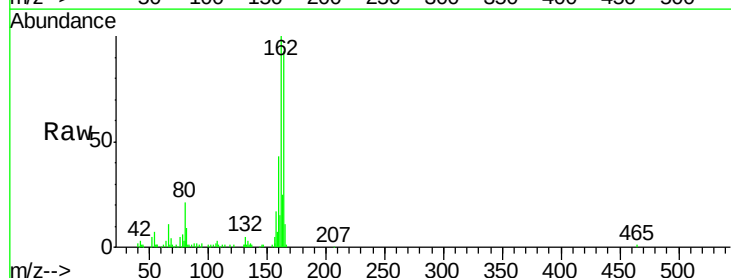
Instrument :
 BNA_G
 ClientSampleId :

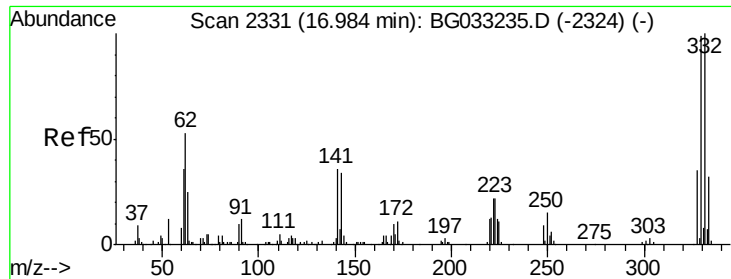
Tot Ion: 82 Resp: 299971
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.7 44.5
 54 60.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Tgt Ion: 164 Resp: 95269
 Ion Ratio Lower Upper
 164 100
 162 107.8 78.8 118.2
 160 46.3 35.4 53.0

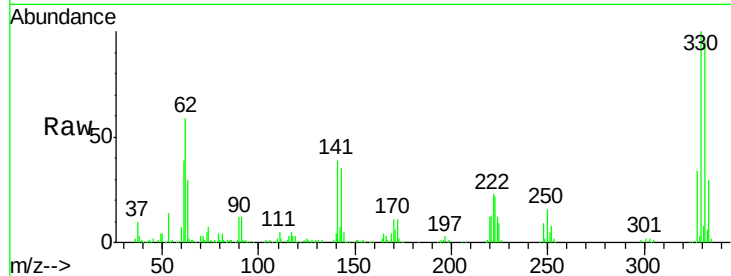




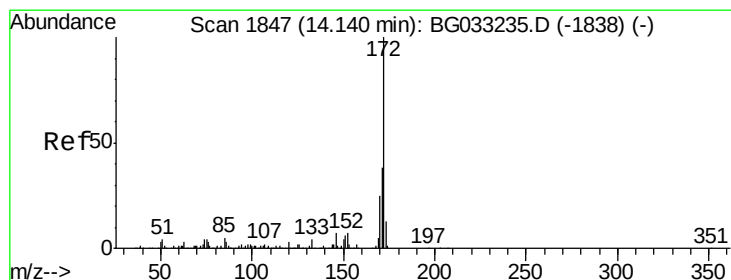
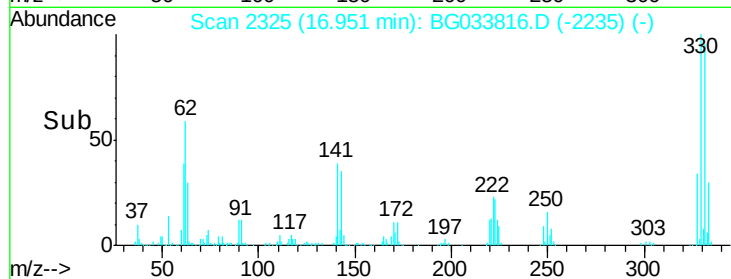
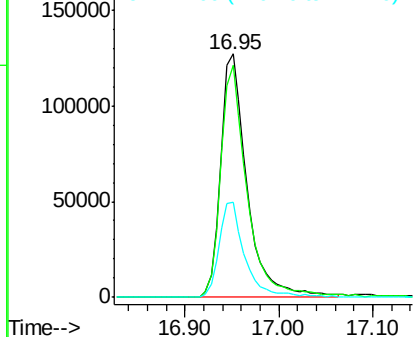
#41
 2,4,6-Tribromophenol
 Concen: 174.864 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.6	25.2	37.8

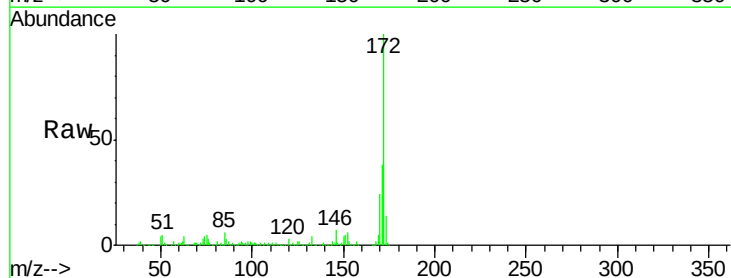


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

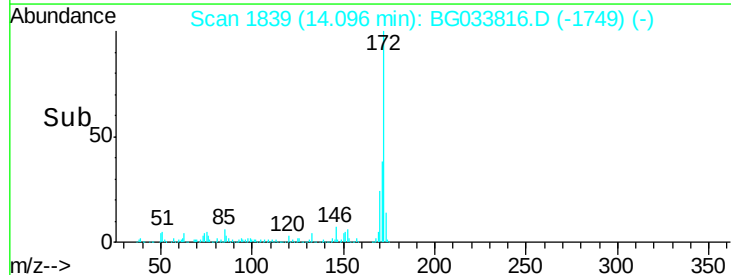
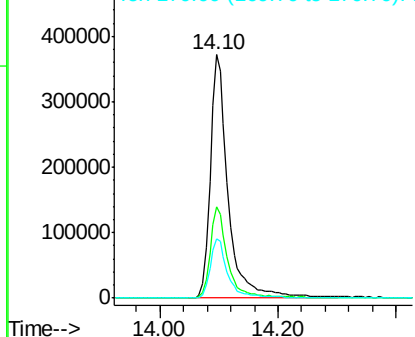


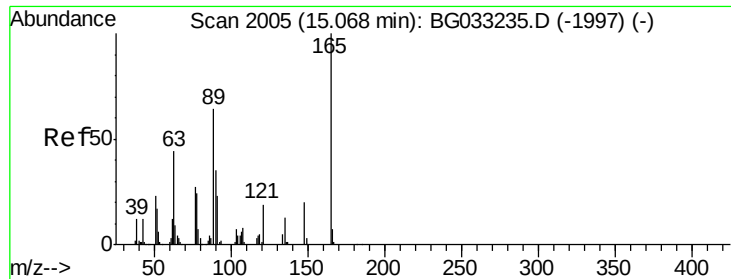
#44
 2-Fluorobiphenyl
 Concen: 118.512 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.1	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

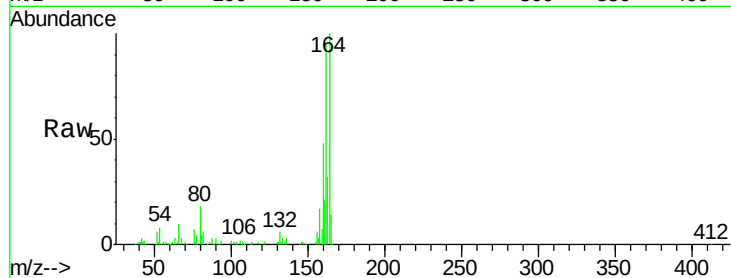




#50
 2,6-Dinitrotoluene
 Concen: 7.070 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :

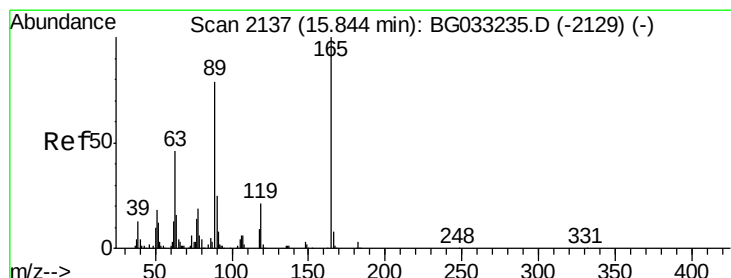
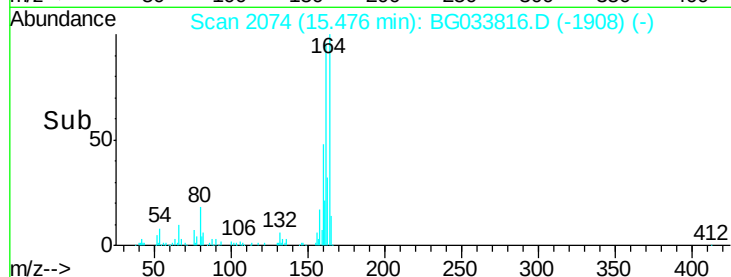
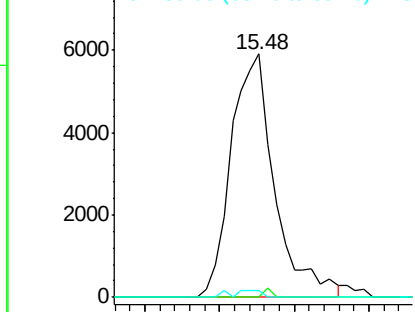
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.6	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

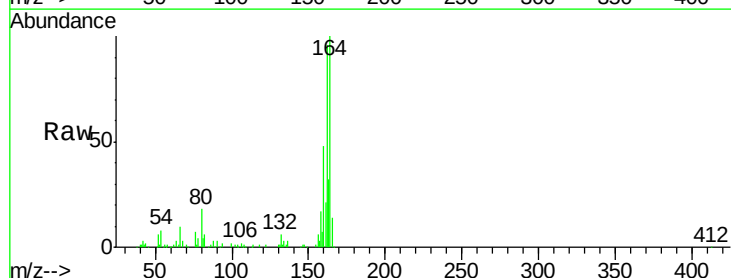
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
 2,4-Dinitrotoluene
 Concen: 4.895 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033816.D
 Acq: 16 Apr 2018 14:57

Tgt 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#

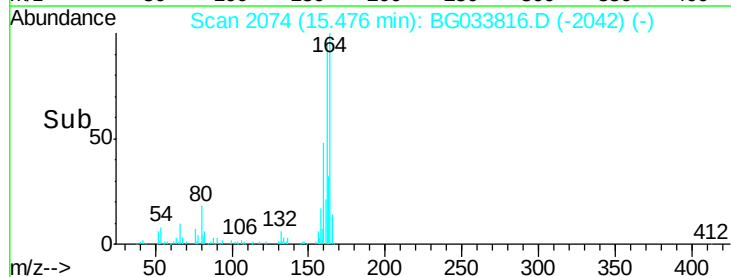
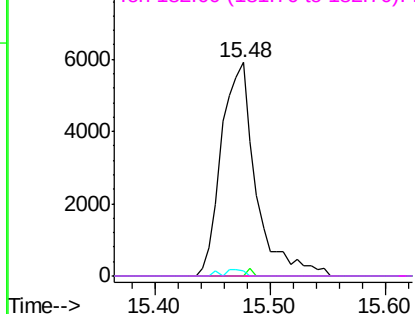


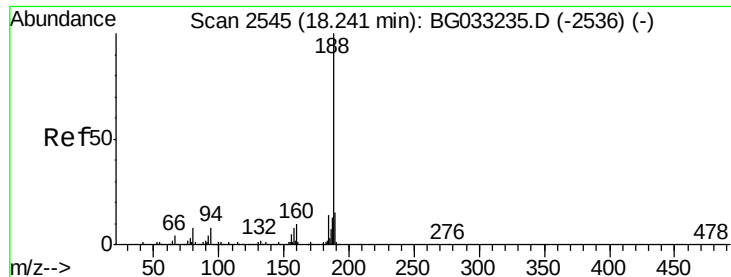
Abundance Ion 165.00 (164.70 to 165.70): E

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

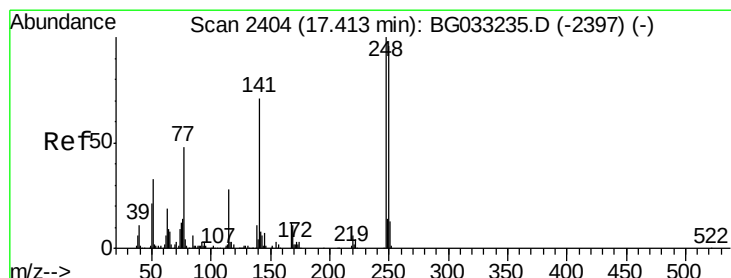
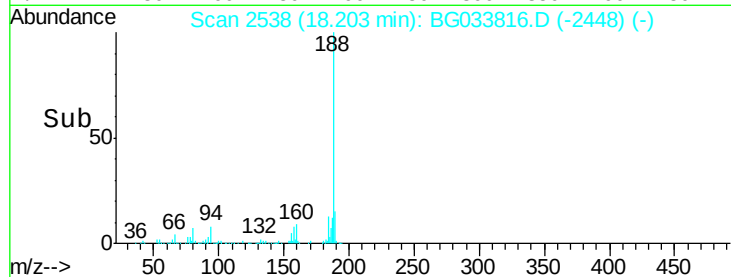
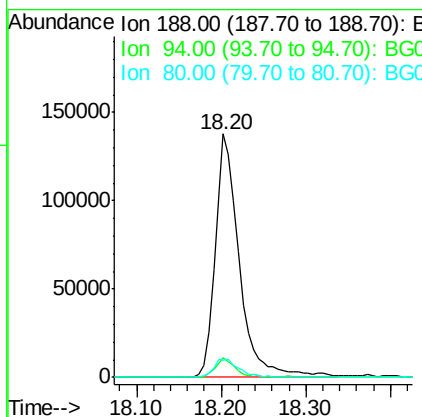
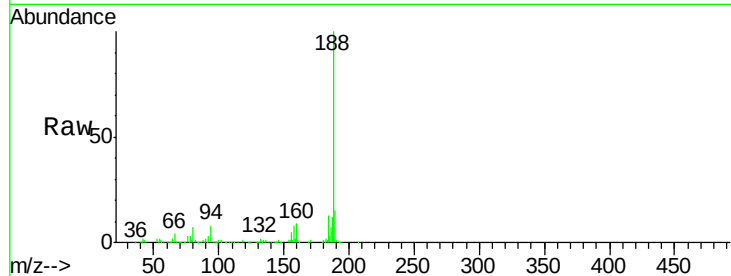




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

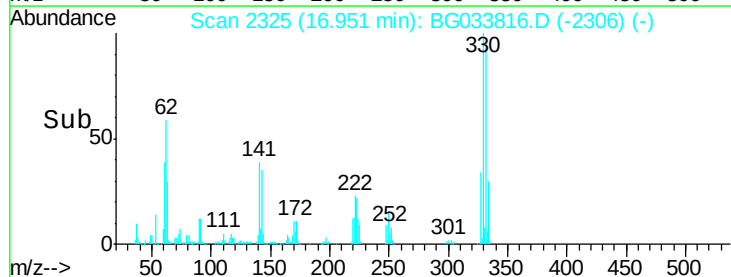
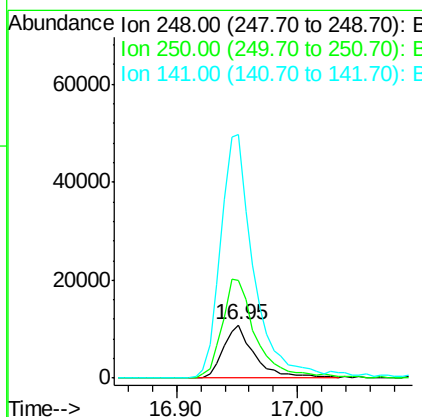
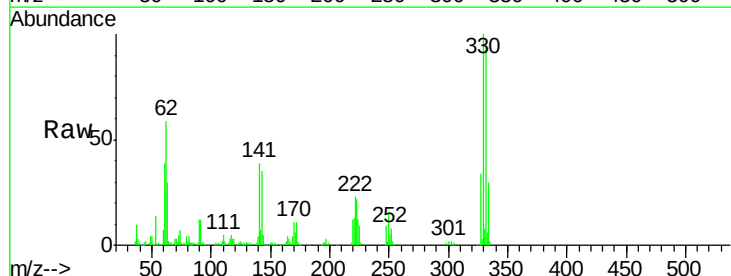
Instrument :
BNA_G
ClientSampleId :

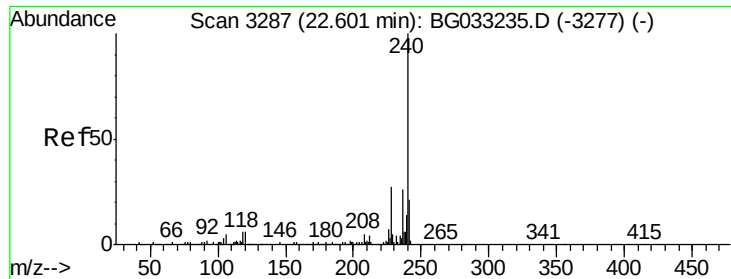
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	7.2	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.887 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	183.6	77.1	115.7#
141	456.1	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

Instrument :

BNA_G

ClientSampleId :

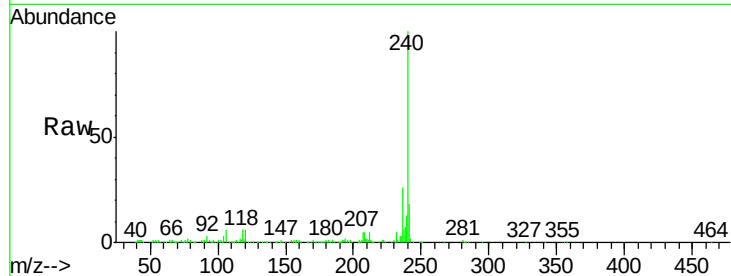
Tot Ion:240 Resp: 305615

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

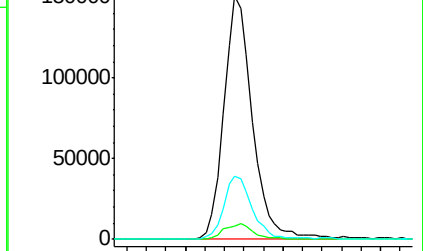
236 26.1 20.9 31.3



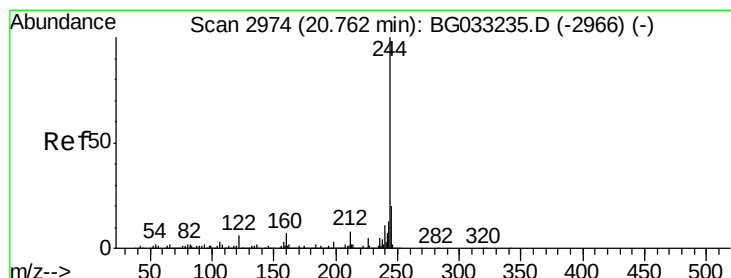
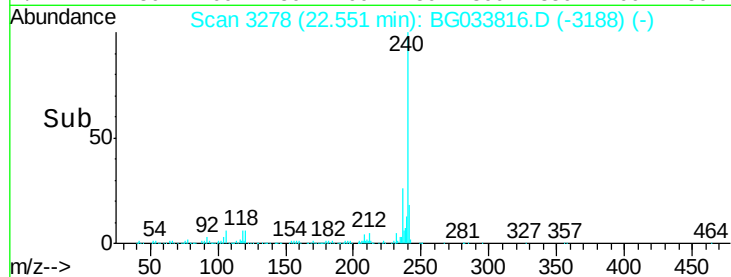
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 117.302 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033816.D

Acq: 16 Apr 2018 14:57

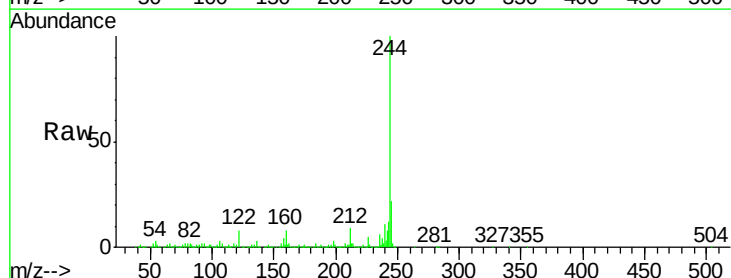
Tgt Ion:244 Resp: 1676292

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

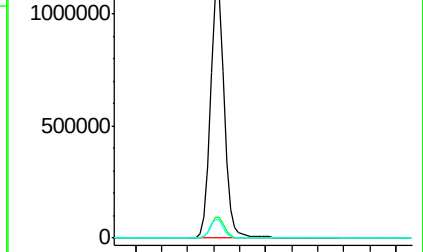
122 7.7 7.0 10.4



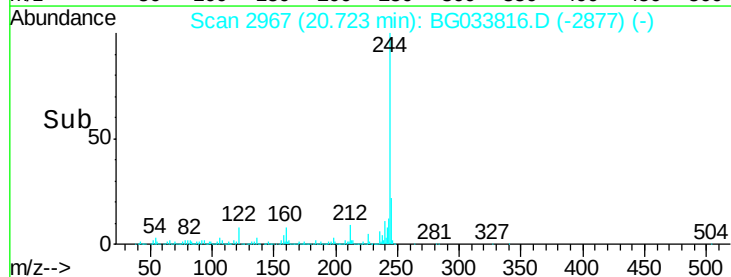
Abundance Ion 244.00 (243.70 to 244.70): E

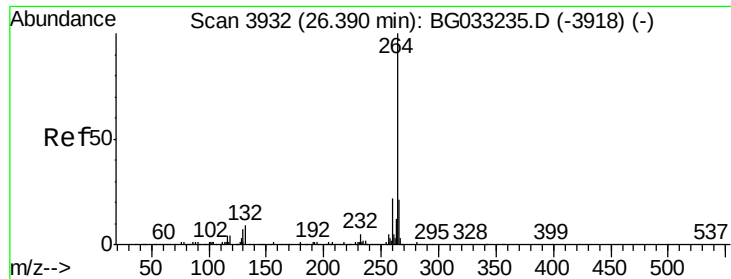
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BG033816.D
Acq: 16 Apr 2018 14:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.1	17.4	26.0
265	20.9	17.7	26.5

