

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033814.D
 Acq On : 16 Apr 2018 13:42
 Operator : SJ/JU
 Sample : J2364-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 15:05:55 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

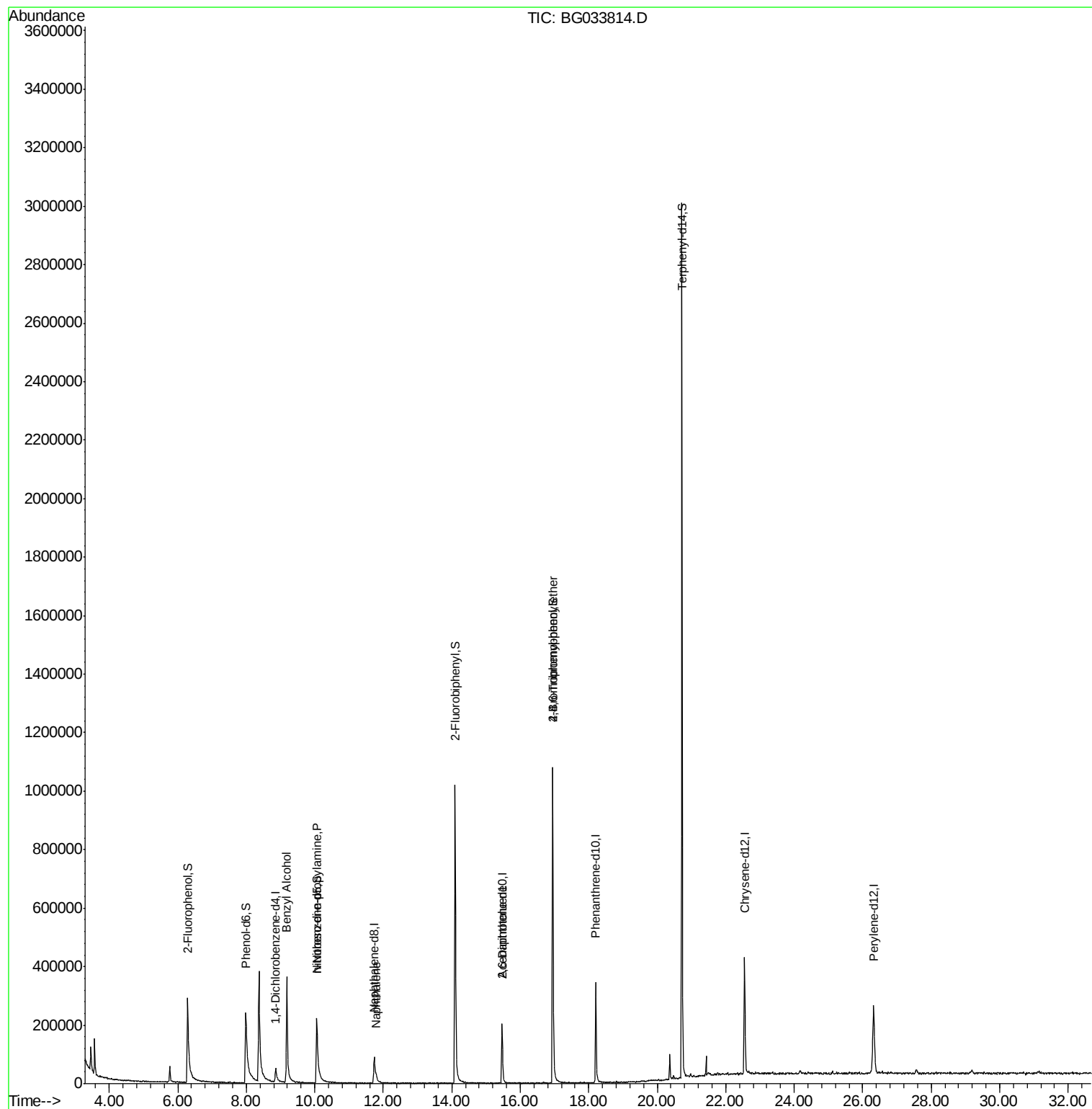
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	23162	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	116506	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	90579	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	276439	20.00	ng	0.00
75) Chrysene-d12	22.55	240	304022	20.00	ng	0.00
86) Perylene-d12	26.32	264	324378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	239004	193.49	ng	0.00
7) Phenol-d6	7.99	99	312088	147.05	ng	0.00
23) Nitrobenzene-d5	10.06	82	261067	102.95	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	237996	175.68	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	678509	108.14	ng	0.00
78) Terphenyl-d14	20.73	244	1544024	108.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	5015	3.001	ng	# 53
19) n-Nitroso-di-n-propylamine	10.06	70	32473	20.880	ng	# 76
31) Naphthalene	11.79	128	27923	4.625	ng	# 91
50) 2,6-Dinitrotoluene	15.47	165	11349	7.041	ng	# 21
66) 4-Bromophenyl-phenylether	16.95	248	19121	5.890	ng	# 1

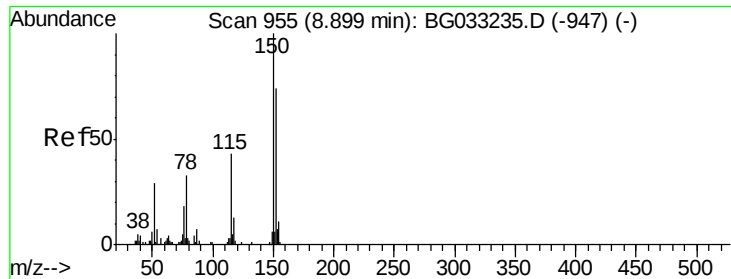
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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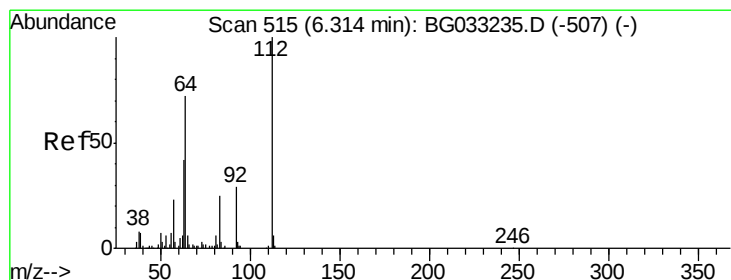
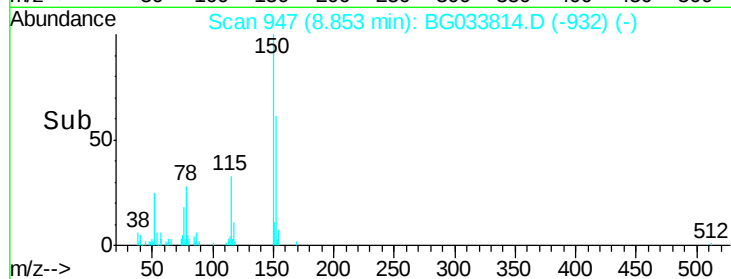
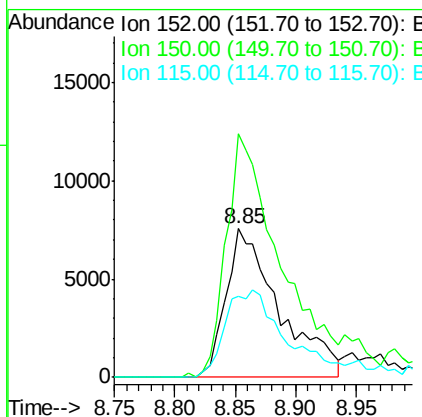
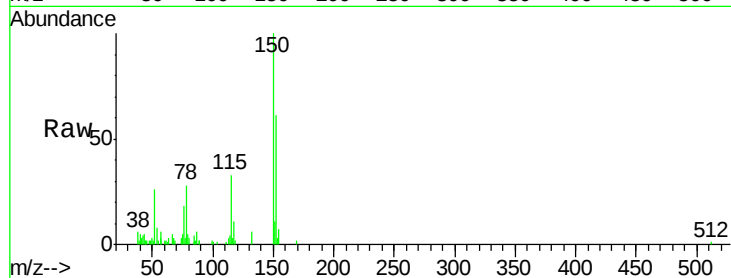


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

Instrument :
BNA_G
ClientSampleId :

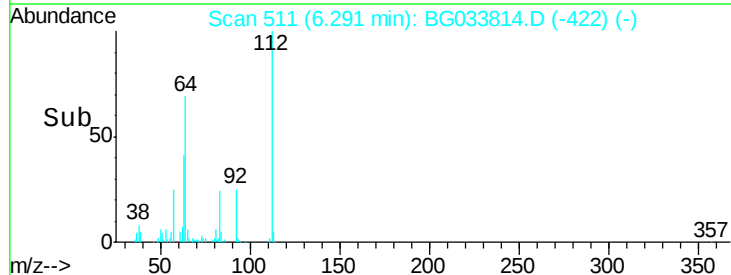
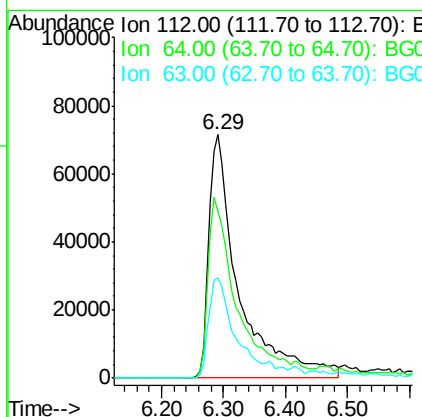
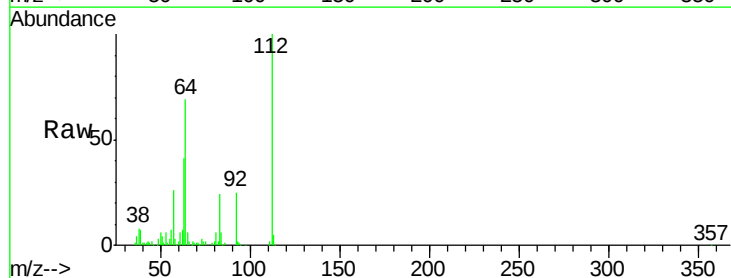
Tot Ion	Ratio	Lower	Upper
152	100		
150	164.0	126.6	189.8
115	54.2	53.0	79.4

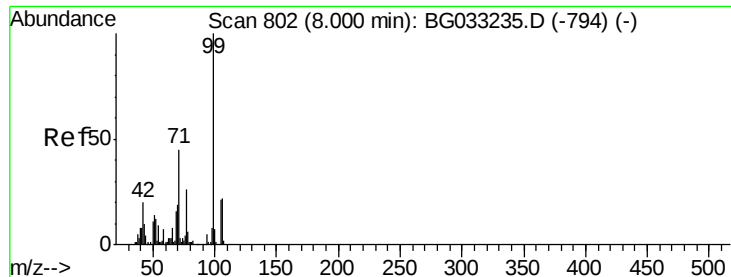


#5

2-Fluorophenol
Concen: 193.490 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.01 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.3	84.5
63	41.2	30.1	45.1





#7

Phenol-d6

Concen: 147.047 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033814.D

Acq: 16 Apr 2018 13:42

Instrument :

BNA_G

ClientSampled :

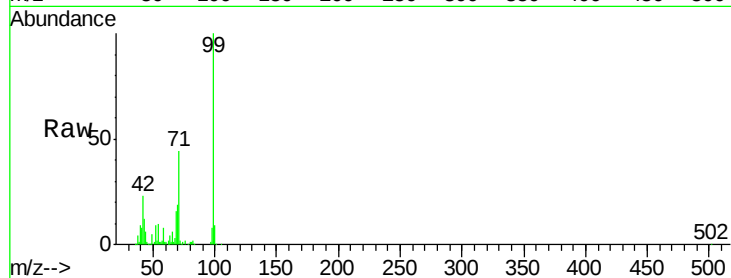
Tot Ion: 99 Resp: 312088

Ion Ratio Lower Upper

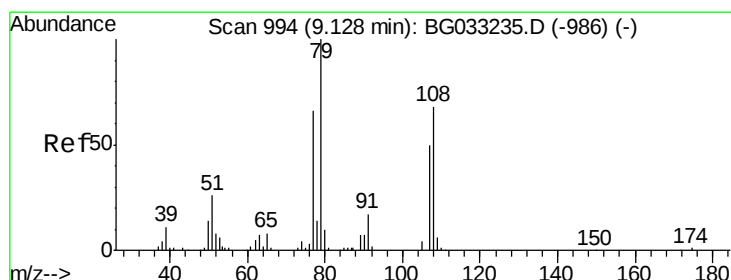
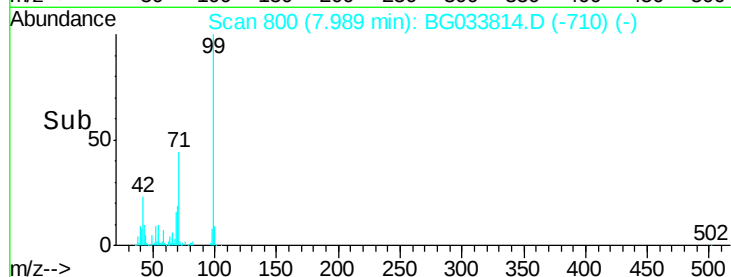
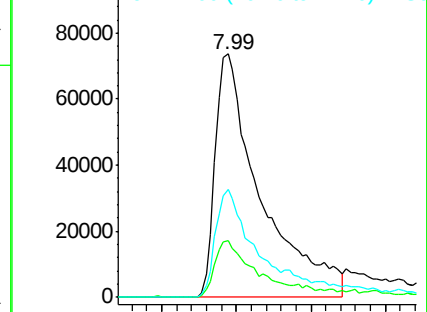
99 100

42 23.5 14.1 21.1#

71 44.2 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: 3.001 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033814.D

Acq: 16 Apr 2018 13:42

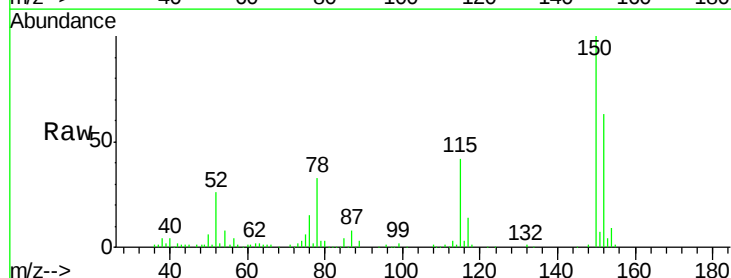
Tgt Ion: 79 Resp: 5015

Ion Ratio Lower Upper

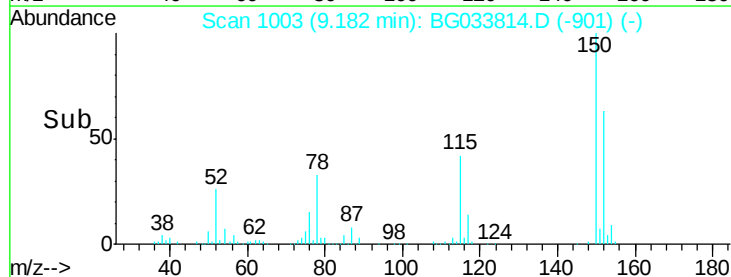
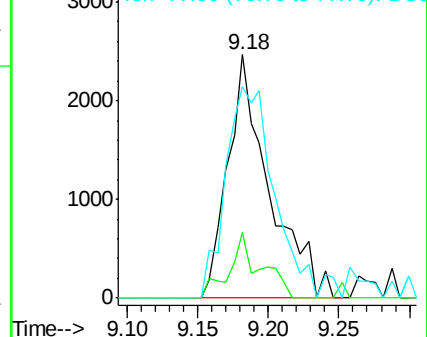
79 100

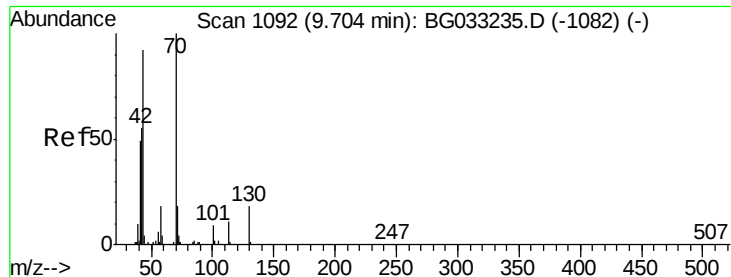
108 27.1 57.2 85.8#

77 86.9 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

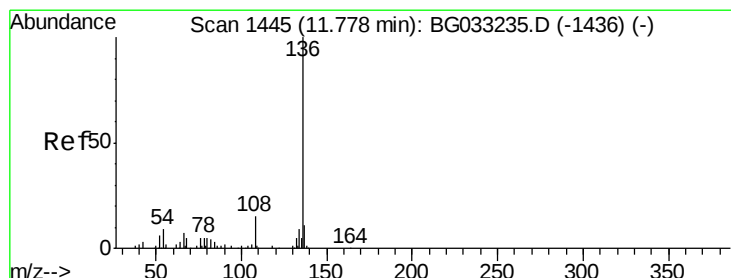
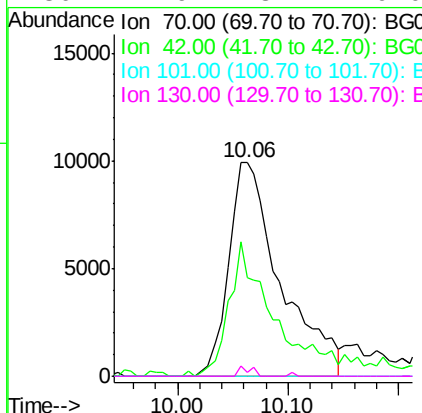
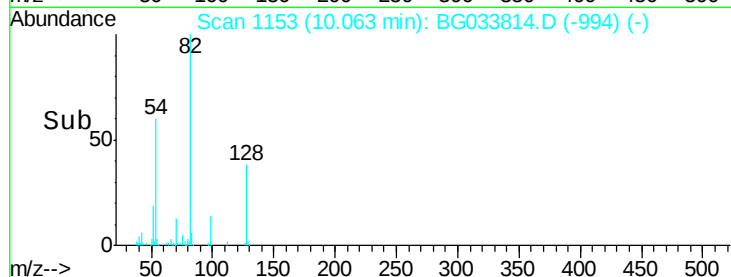
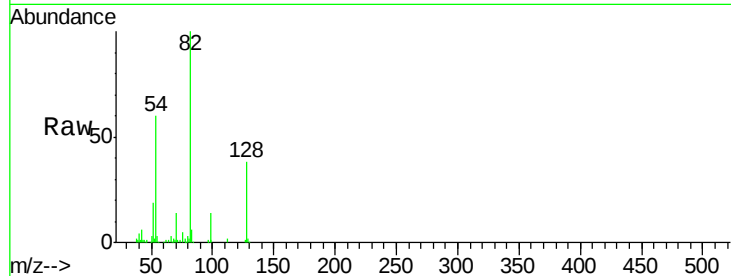




#19
n-Nitroso-di-n-propylamine
Concen: 20.880 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

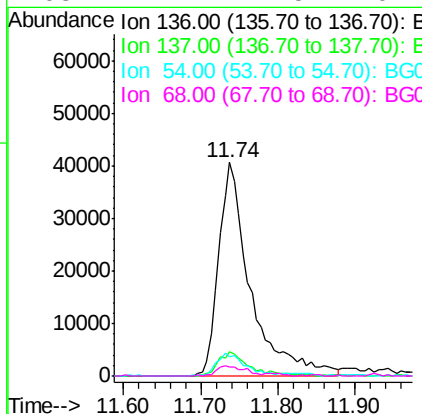
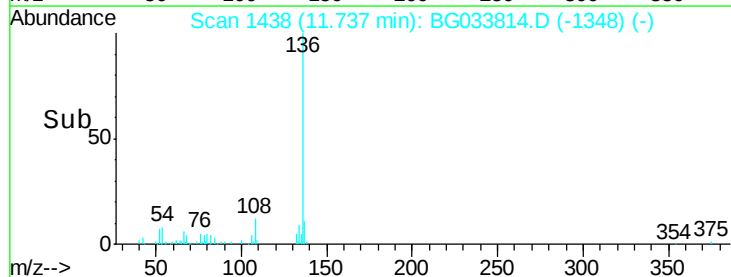
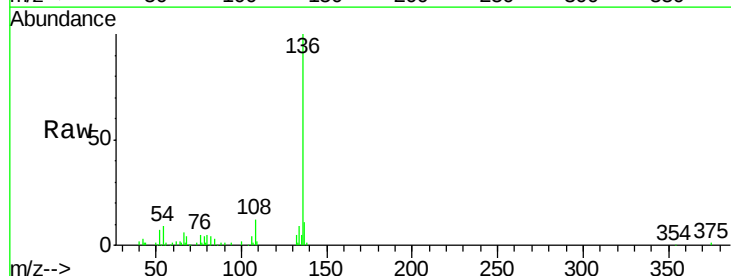
Instrument :
BNA_G
ClientSampleId :

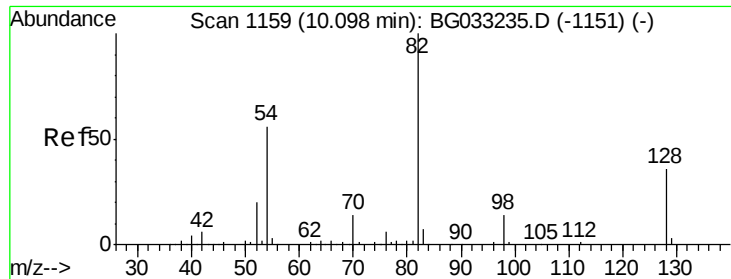
Tot Ion: 70 Resp: 32473
Ion Ratio Lower Upper
70 100
42 46.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

Tgt Ion: 136 Resp: 116506
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 8.9 10.3 15.5#
68 4.4 4.5 6.7#

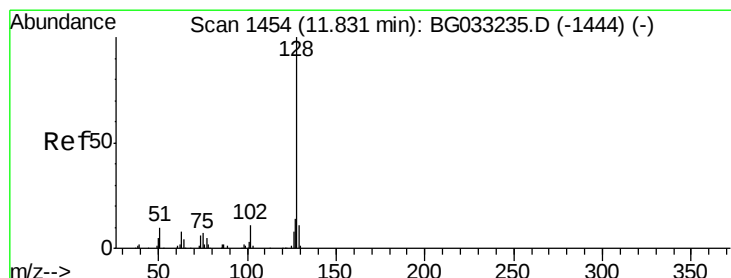
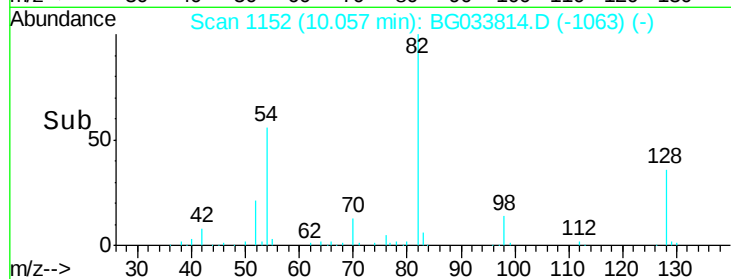
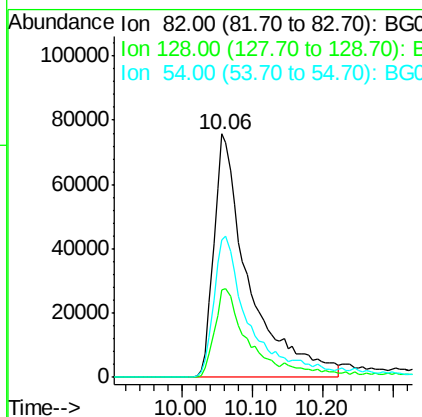
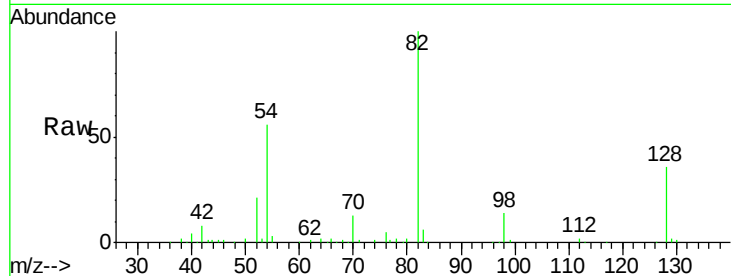




#23
Nitrobenzene-d5
Concen: 102.952 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

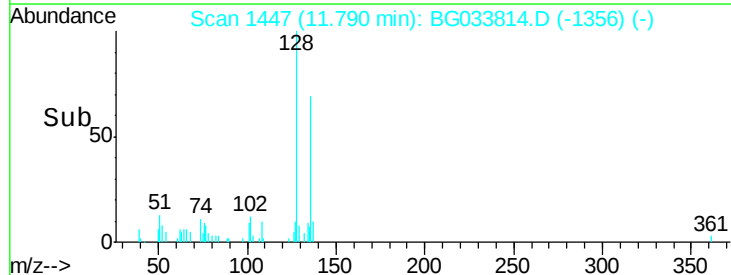
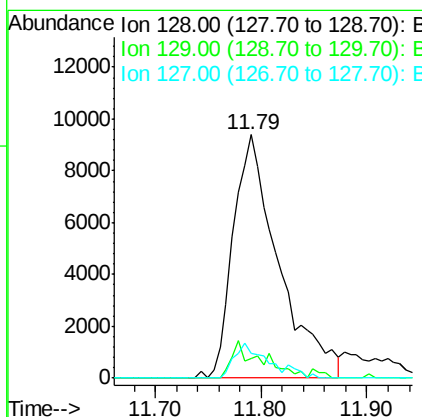
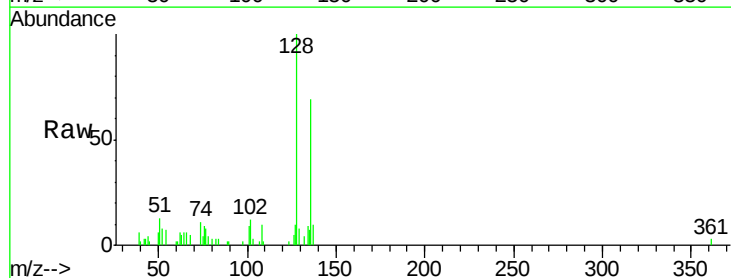
Instrument :
BNA_G
ClientSampleId :

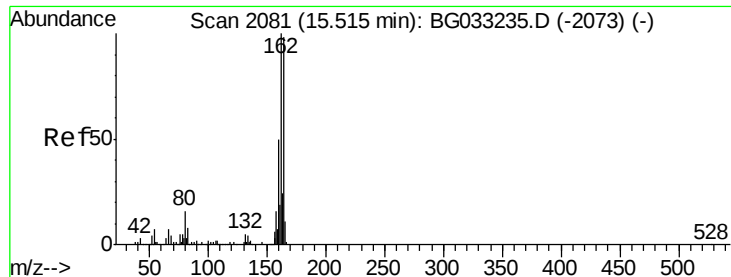
Tot Ion: 82 Resp: 261067
Ion Ratio Lower Upper
82 100
128 35.7 29.7 44.5
54 56.3 43.1 64.7



#31
Naphthalene
Concen: 4.625 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

Tgt Ion: 128 Resp: 27923
Ion Ratio Lower Upper
128 100
129 8.2 8.6 12.8#
127 10.4 11.6 17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033814.D

Acq: 16 Apr 2018 13:42

Instrument :

BNA_G

ClientSampleId :

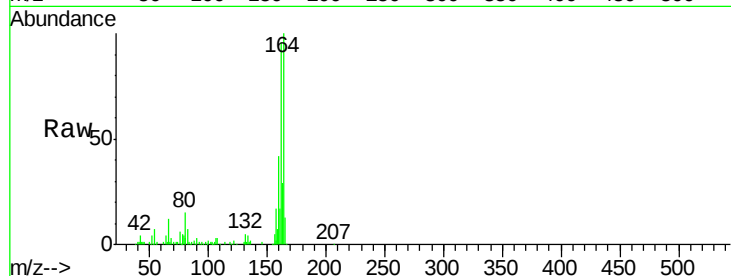
Tot Ion:164 Resp: 90579

Ion Ratio Lower Upper

164 100

162 96.3 78.8 118.2

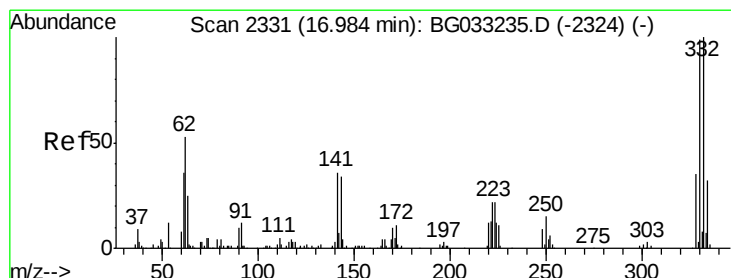
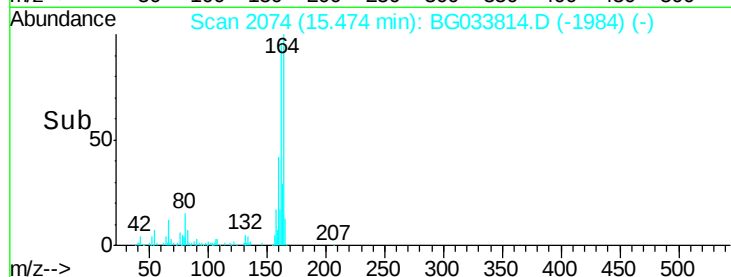
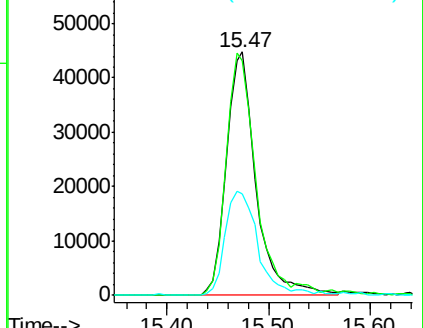
160 41.9 35.4 53.0



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: 175.680 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033814.D

Acq: 16 Apr 2018 13:42

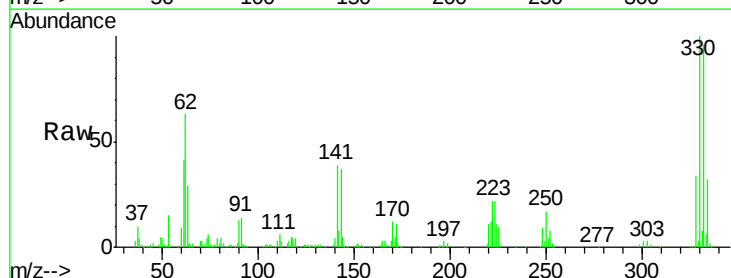
Tgt Ion:330 Resp: 237996

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

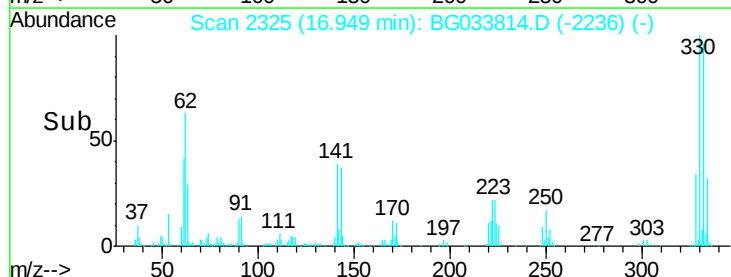
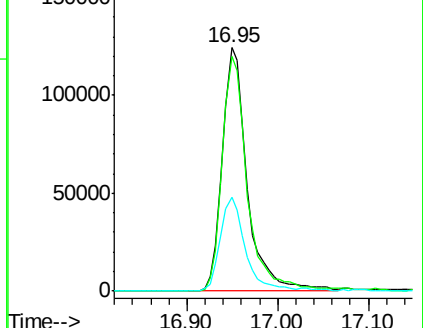
141 39.3 25.2 37.8#

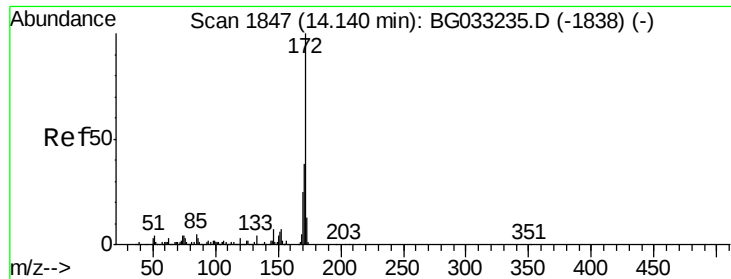


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

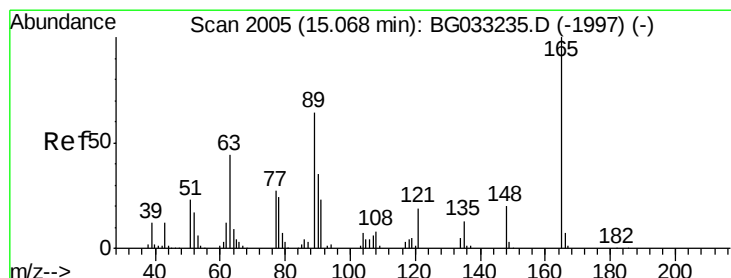
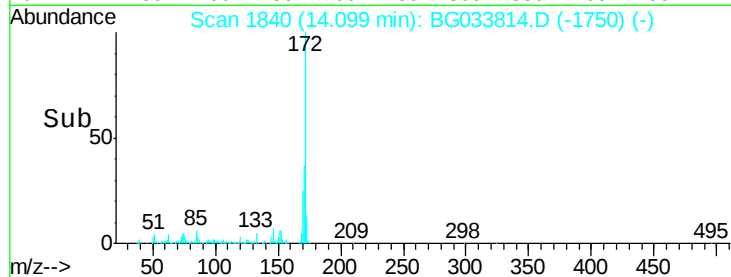
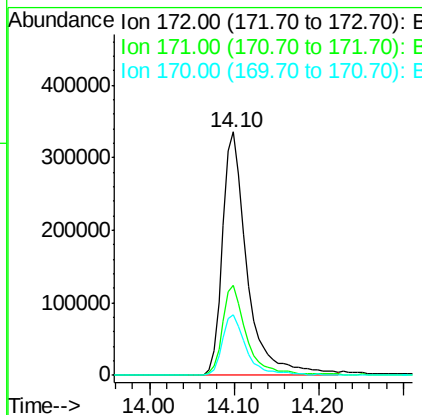
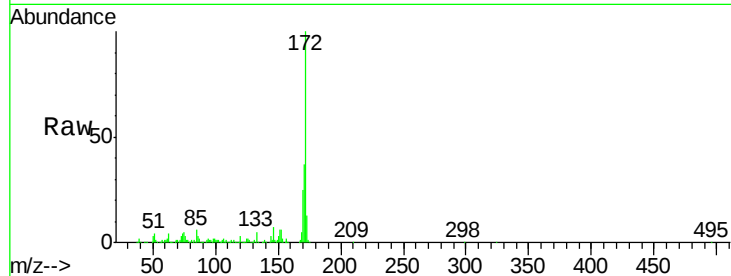




#44
 2-Fluorobiphenyl
 Concen: 108.140 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG033814.D
 Acq: 16 Apr 2018 13:42

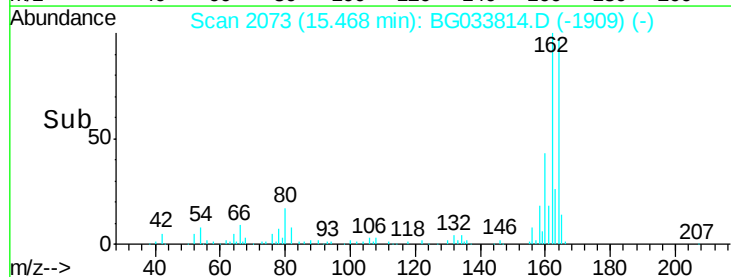
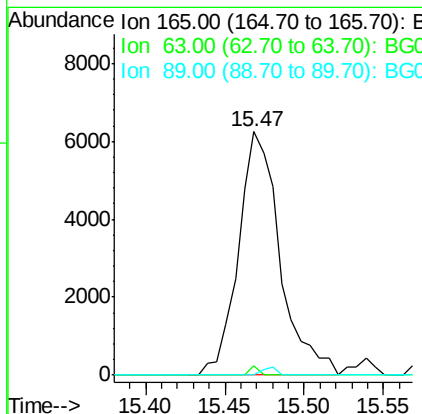
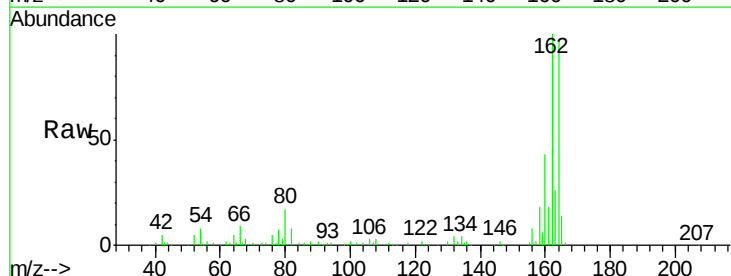
Instrument :
 BNA_G
 ClientSampleId :

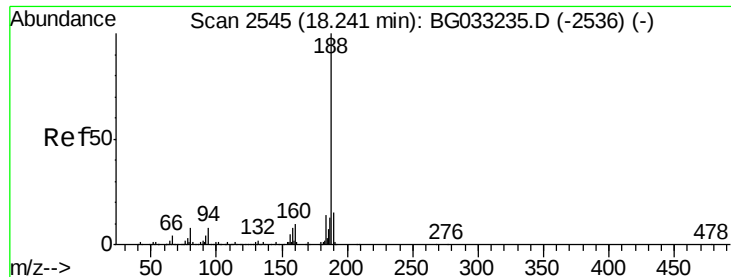
Tot Ion:172 Resp: 678509
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.041 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033814.D
 Acq: 16 Apr 2018 13:42

Tgt Ion:165 Resp: 11349
 Ion Ratio Lower Upper
 165 100
 63 3.8 52.7 79.1#
 89 0.0 49.2 73.8#

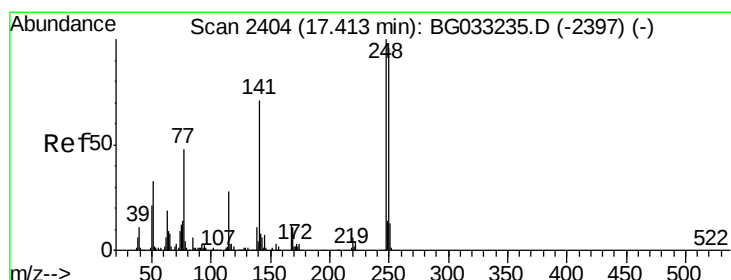
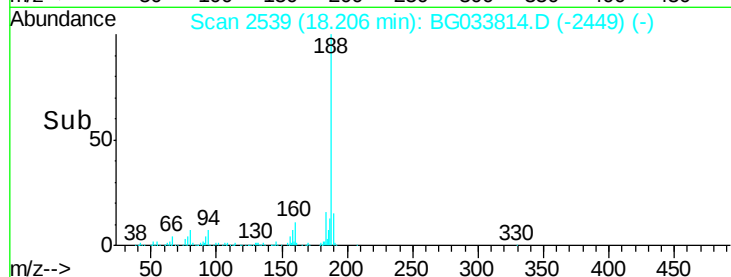
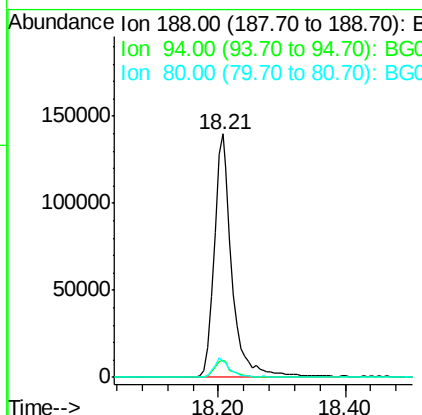
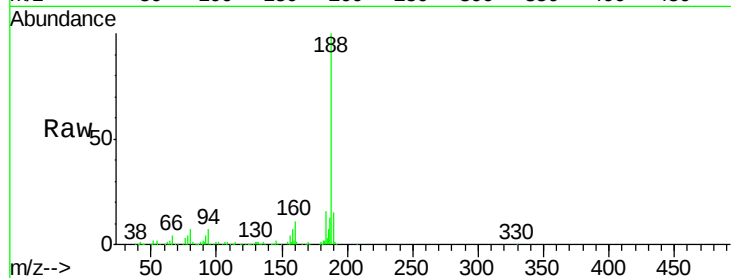




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

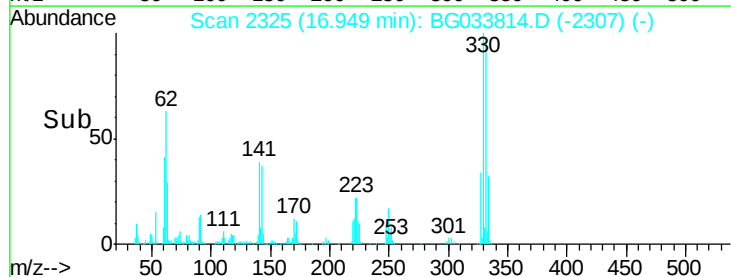
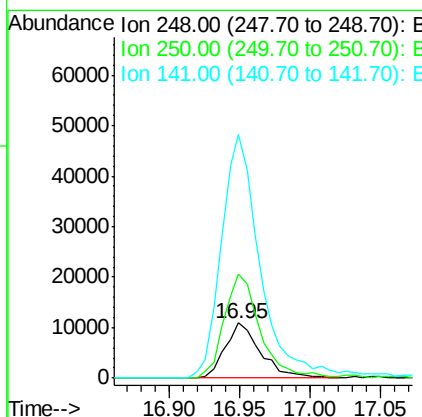
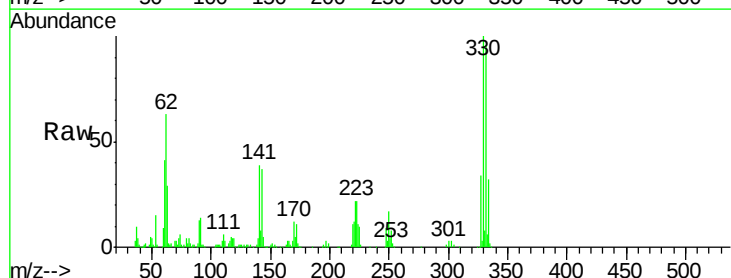
Instrument :
BNA_G
ClientSampleId :

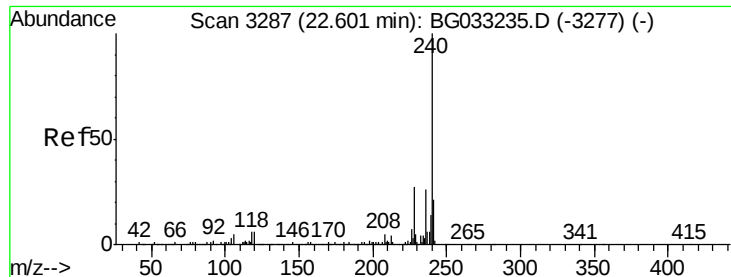
Tot Ion:188 Resp: 276439
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 6.5 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.890 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

Tgt Ion:248 Resp: 19121
Ion Ratio Lower Upper
248 100
250 189.0 77.1 115.7#
141 443.1 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033814.D

Acq: 16 Apr 2018 13:42

Instrument :

BNA_G

ClientSampleId :

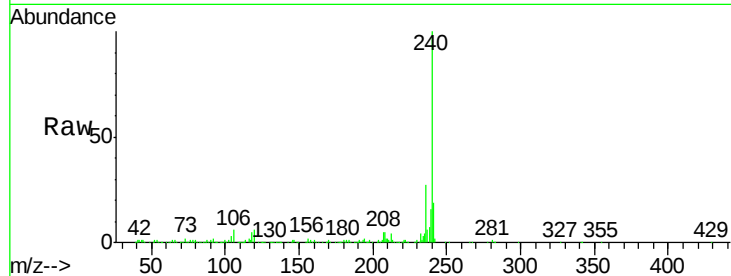
Tot Ion:240 Resp: 304022

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

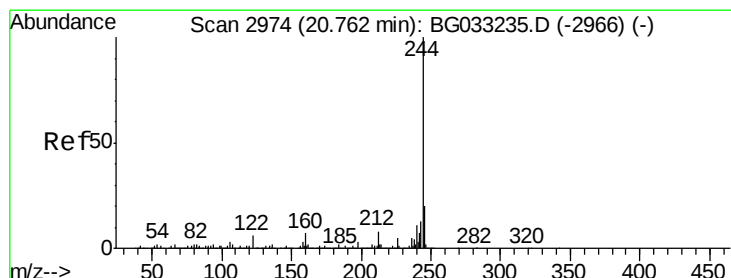
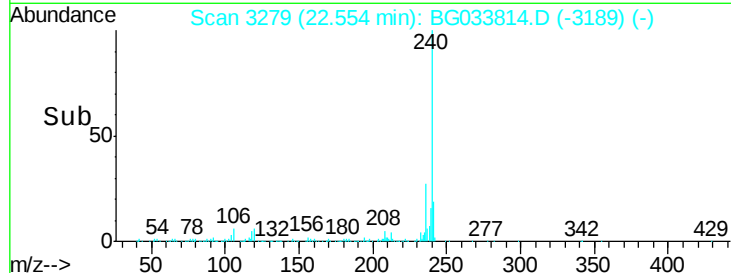
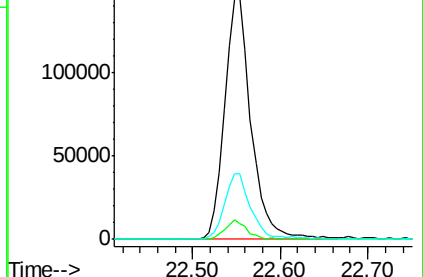
236 26.9 20.9 31.3



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: 108.613 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033814.D

Acq: 16 Apr 2018 13:42

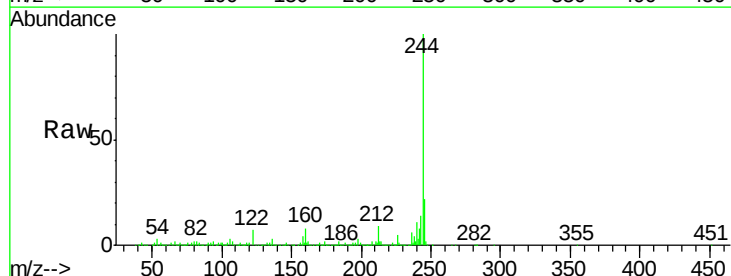
Tgt Ion:244 Resp: 1544024

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

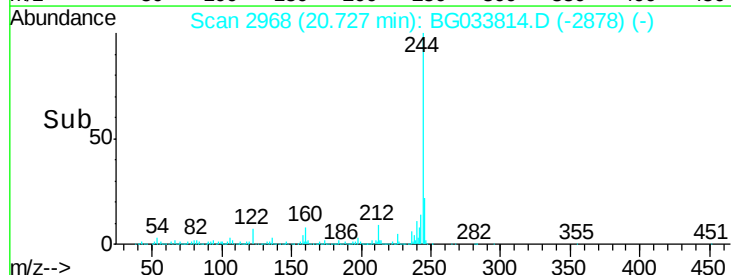
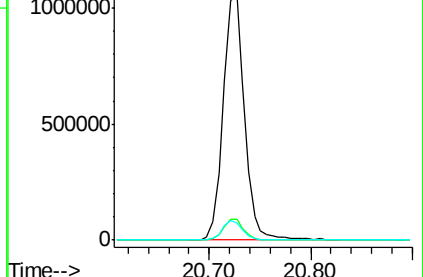
122 7.0 7.0 10.4

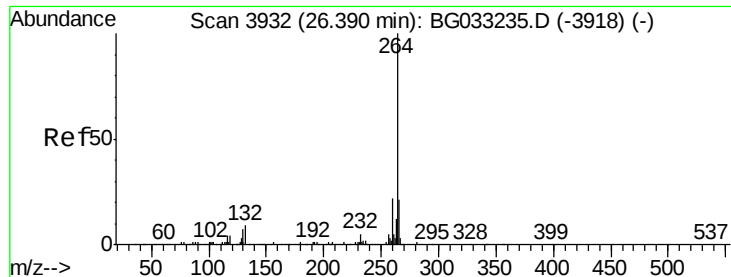


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033814.D
Acq: 16 Apr 2018 13:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.8	17.7	26.5

