

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033514.D
 Acq On : 3 Apr 2018 7:54
 Operator : SJ/JU
 Sample : PB107894TB
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 08:44:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

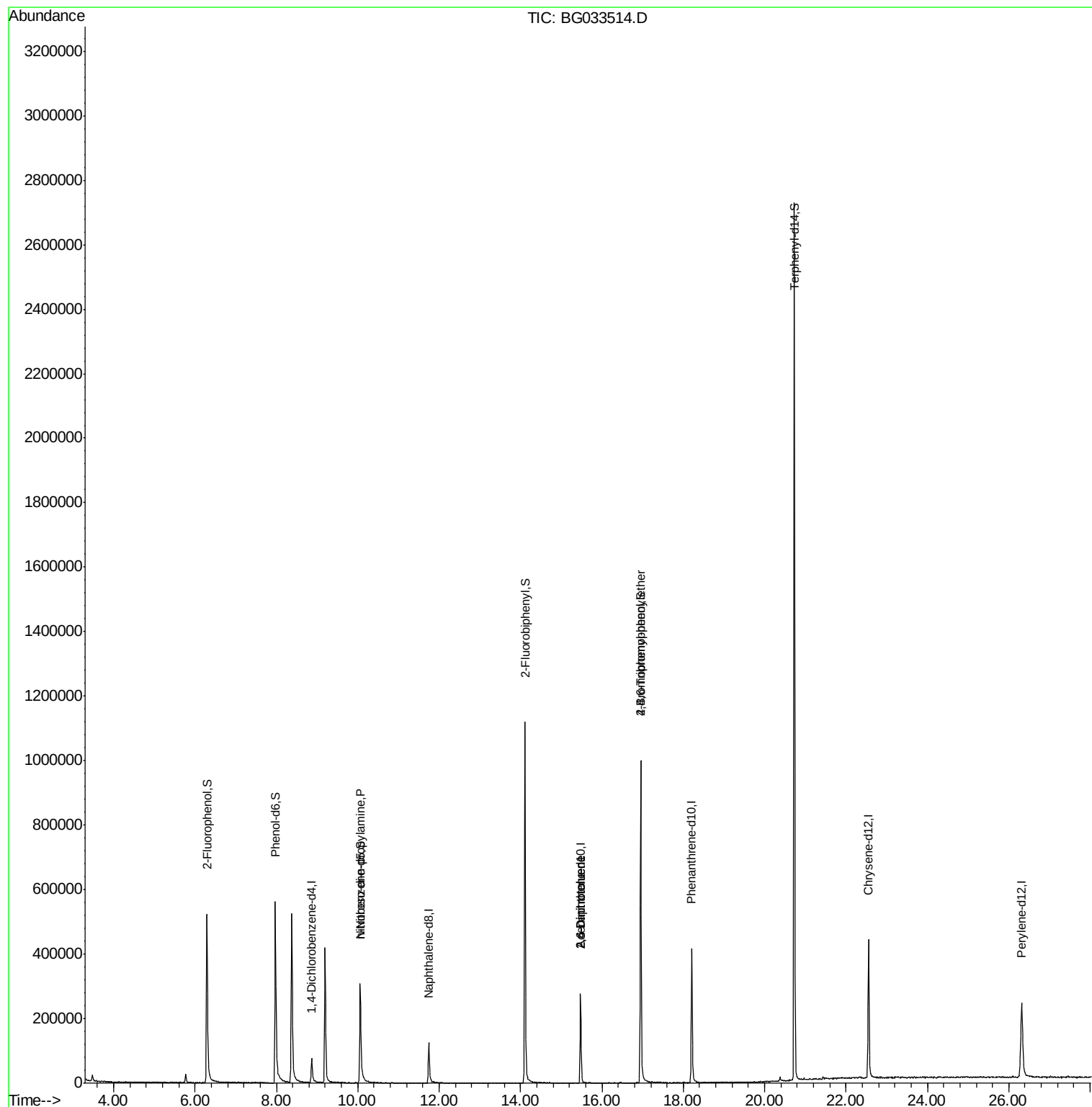
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30386	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	131819	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	106958	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	300742	20.00	ng	0.00
75) Chrysene-d12	22.55	240	328944	20.00	ng	-0.01
86) Perylene-d12	26.32	264	335921	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	268731	165.83	ng	0.00
7) Phenol-d6	7.97	99	406968	146.16	ng	0.00
23) Nitrobenzene-d5	10.06	82	253707	88.43	ng	-0.02
41) 2,4,6-Tribromophenol	16.95	330	205739	128.61	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	647406	87.38	ng	0.00
78) Terphenyl-d14	20.73	244	1343844	87.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	32269	15.816	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	13251	6.962	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	13252	4.729	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	15230	4.312	ng	# 1

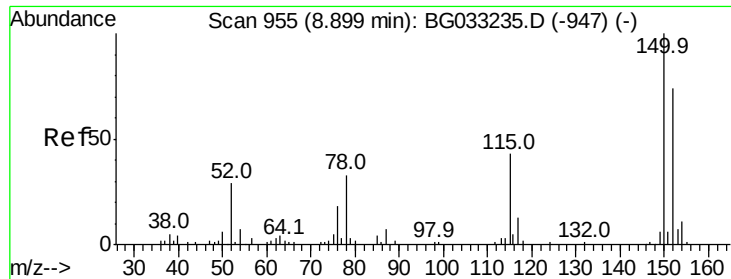
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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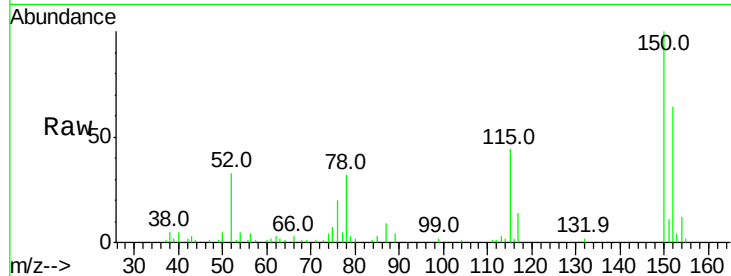


#1

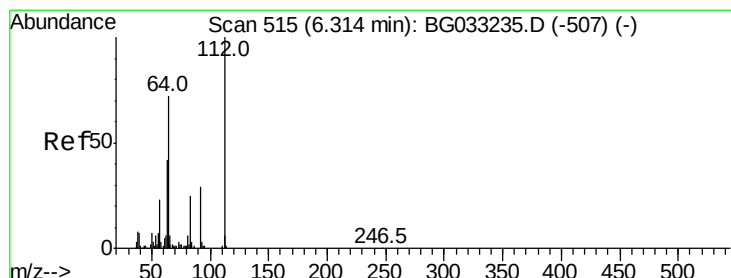
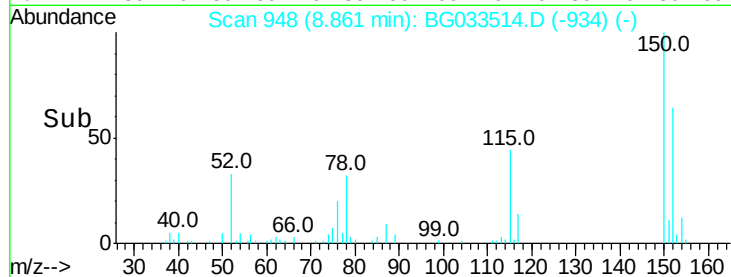
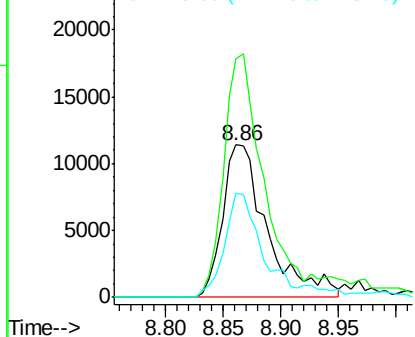
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG033514.D
Acq: 3 Apr 2018 7:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 30386
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 68.2 53.0 79.4



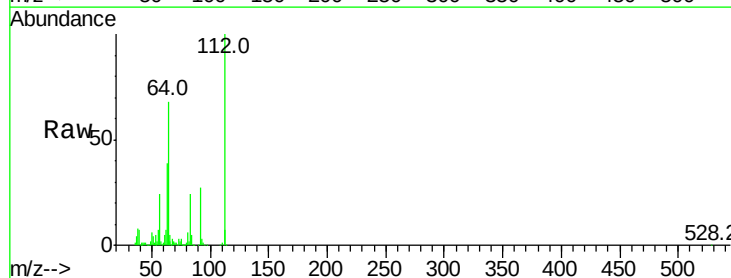
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



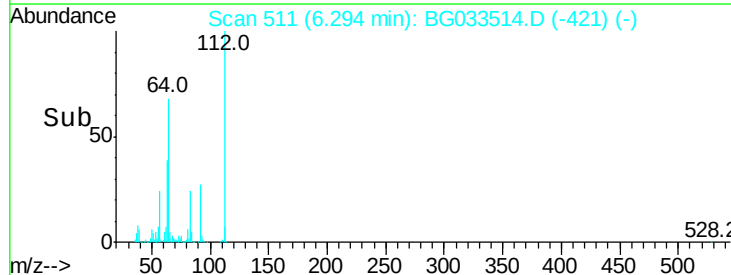
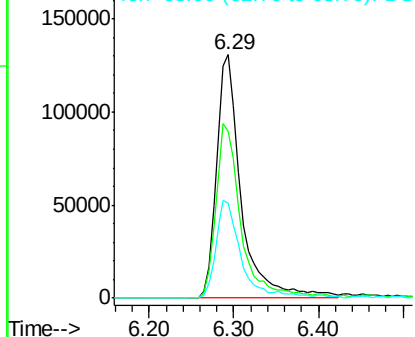
#5

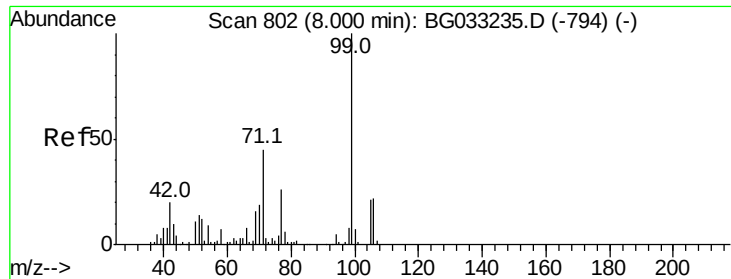
2-Fluorophenol
Concen: 165.834 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033514.D
Acq: 3 Apr 2018 7:54

Tgt Ion:112 Resp: 268731
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 39.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.164 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Instrument :

BNA_G

ClientSampleId :

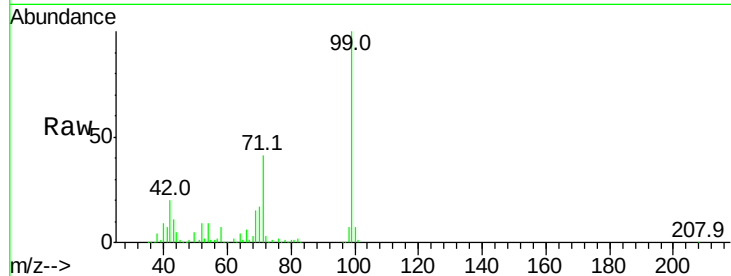
Tot Ion: 99 Resp: 406968

Ion Ratio Lower Upper

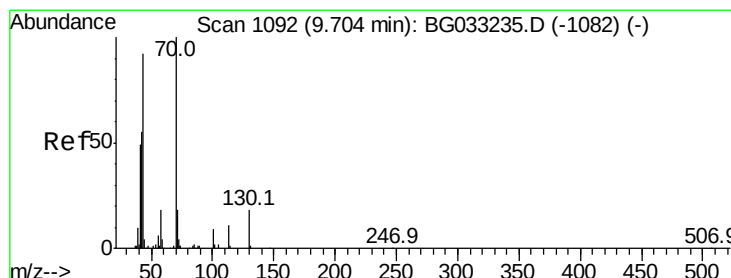
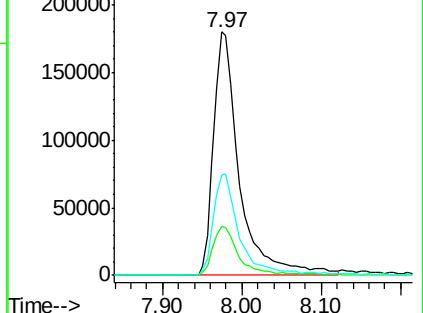
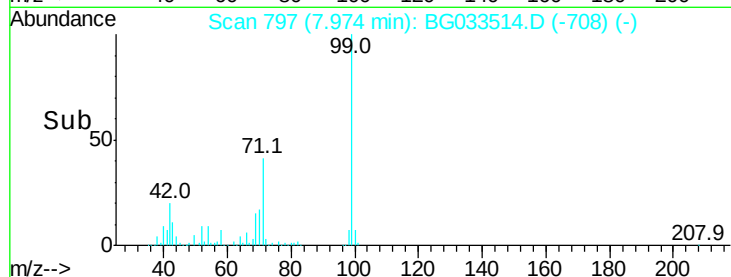
99 100

42 20.3 14.1 21.1

71 41.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.816 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.38 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Tgt Ion: 70 Resp: 32269

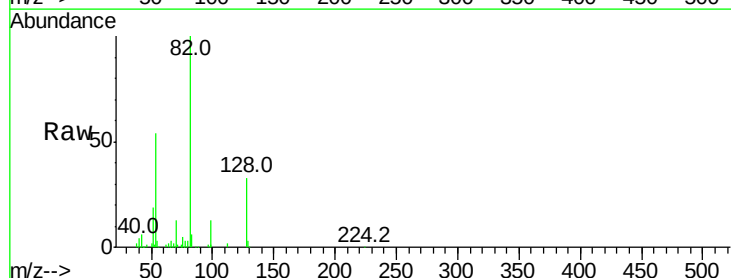
Ion Ratio Lower Upper

70 100

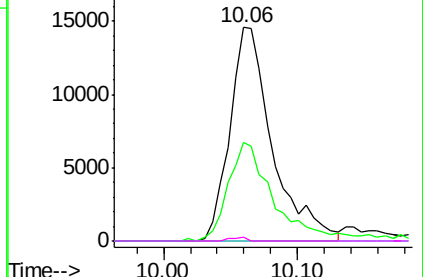
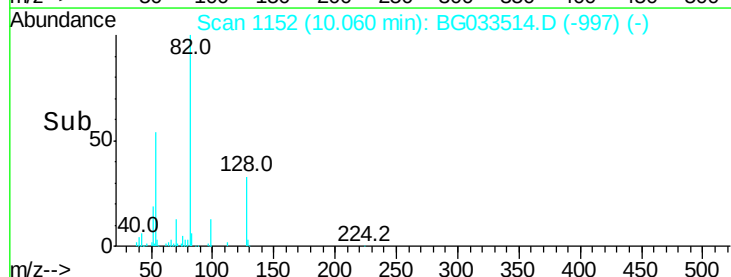
42 46.0 49.1 73.7#

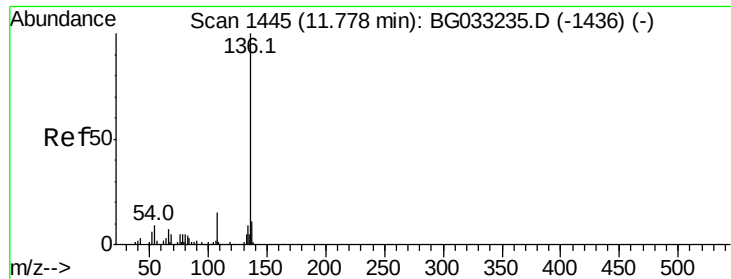
101 0.0 8.5 12.7#

130 1.6 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

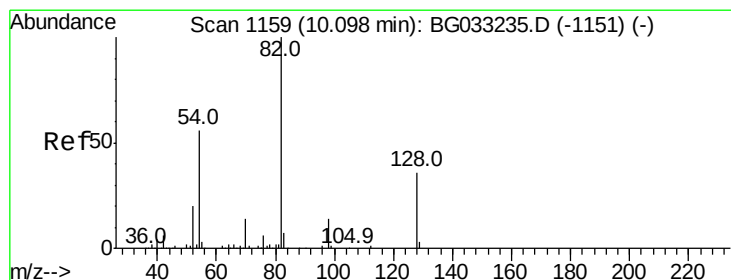
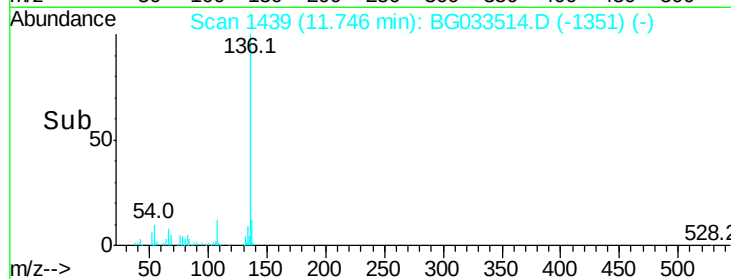
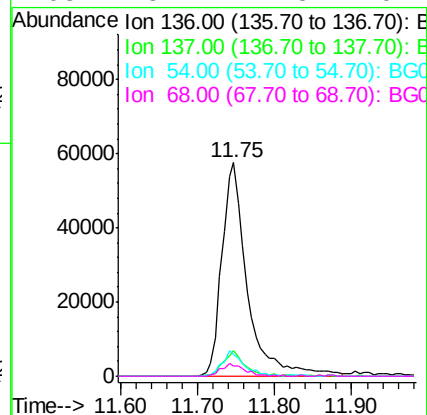
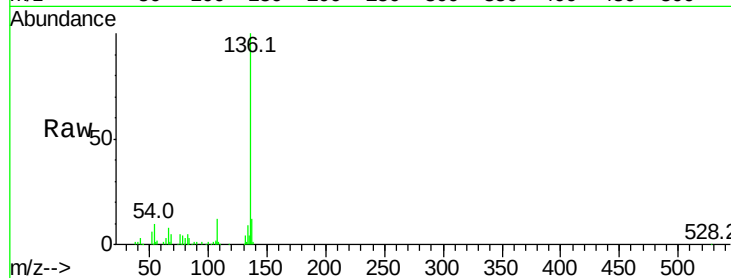




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033514.D
Acq: 3 Apr 2018 7:54

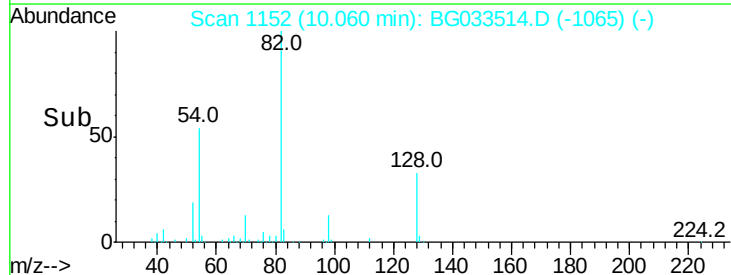
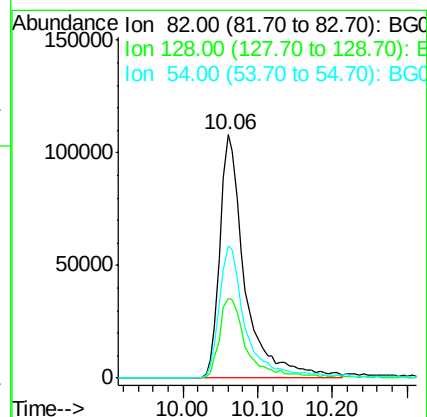
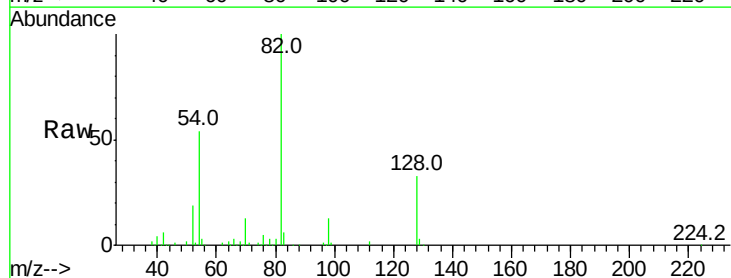
Instrument :
BNA_G
ClientSampleId :

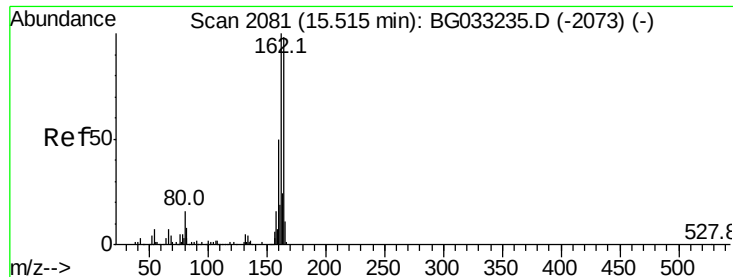
Tot Ion:136	Resp:	131819
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.2 13.8
54	10.0	10.3 15.5#
68	5.1	4.5 6.7



#23
Nitrobenzene-d5
Concen: 88.427 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG033514.D
Acq: 3 Apr 2018 7:54

Tgt Ion: 82	Resp:	253707
Ion Ratio	Lower	Upper
82	100	
128	32.9	29.7 44.5
54	54.3	43.1 64.7

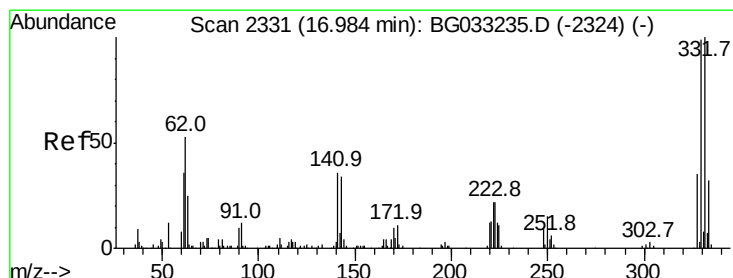
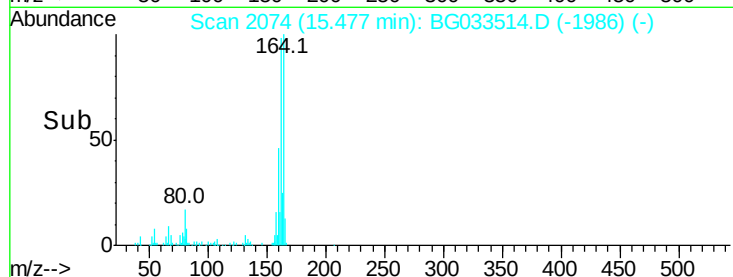
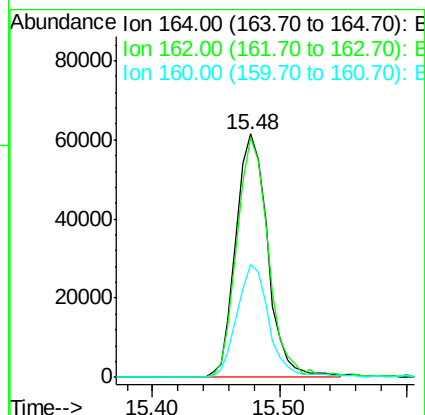
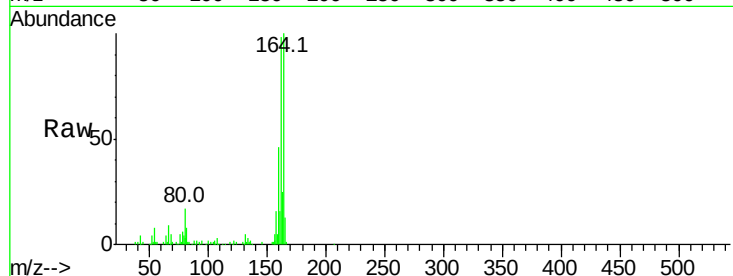




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

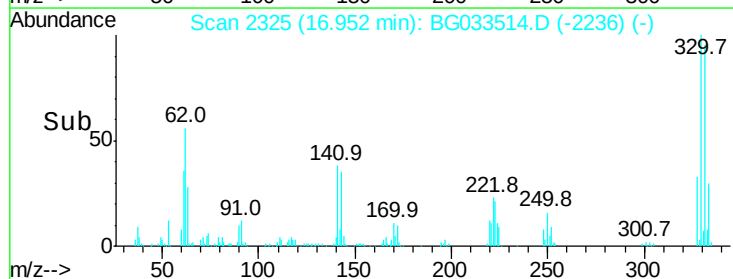
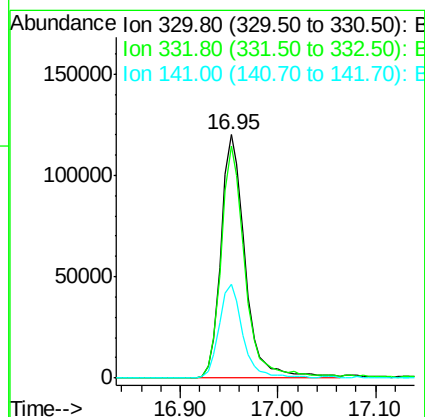
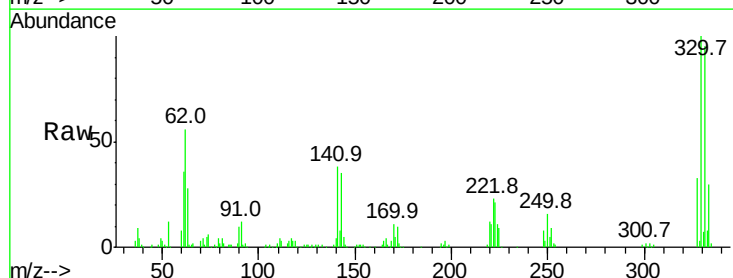
Instrument :
 BNA_G
 ClientSampleId :

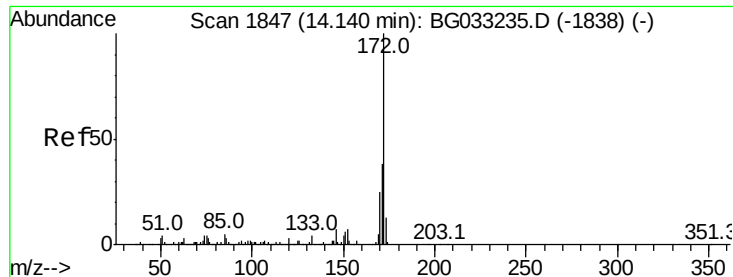
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.8	118.2
160	46.3	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 128.612 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	38.2	25.2	37.8





#44

2-Fluorobiphenyl

Concen: 87.382 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

Instrument :

BNA_G

ClientSampleId :

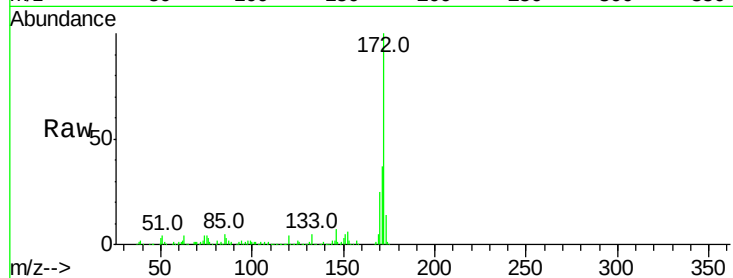
Tot Ion:172 Resp: 647406

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

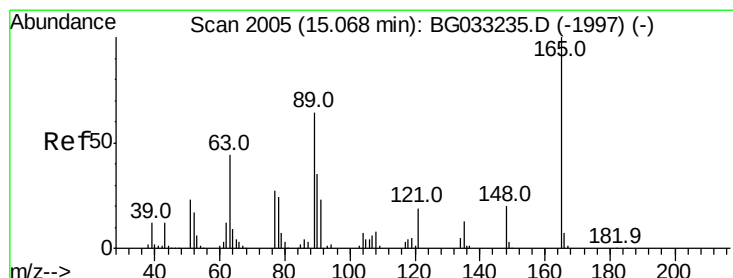
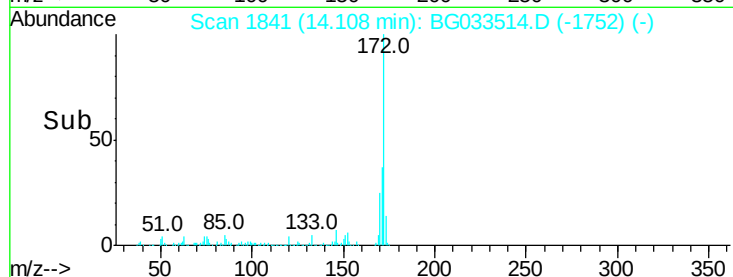
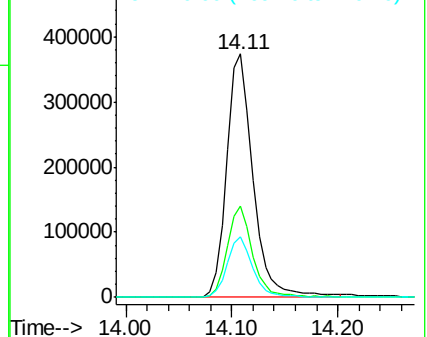
170 24.9 19.5 29.3



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: 6.962 ng

RT: 15.48 min Scan# 2074

Delta R.T. 0.43 min

Lab File: BG033514.D

Acq: 3 Apr 2018 7:54

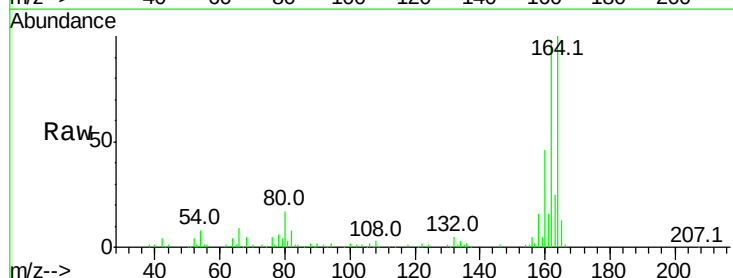
Tgt Ion:165 Resp: 13251

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

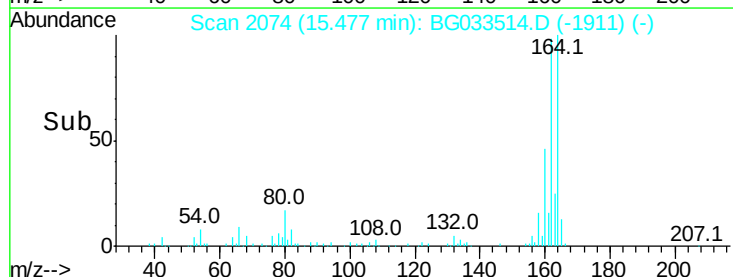
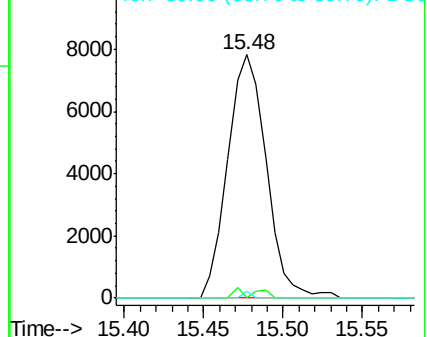
89 2.6 49.2 73.8#

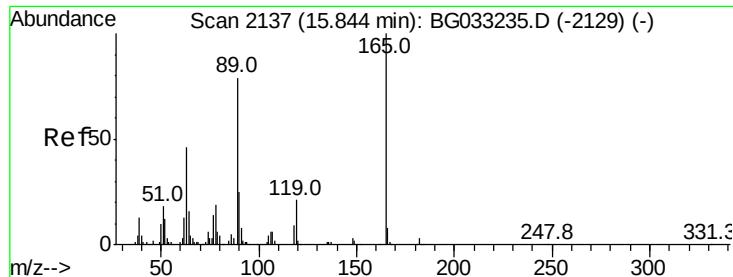


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

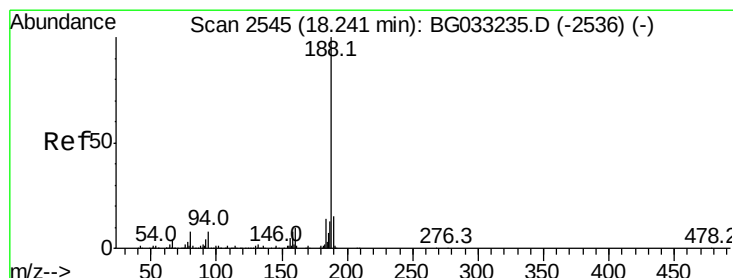
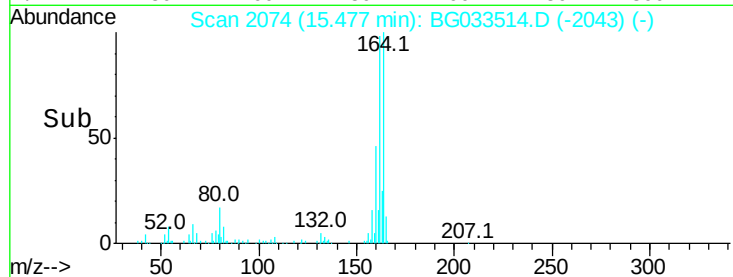
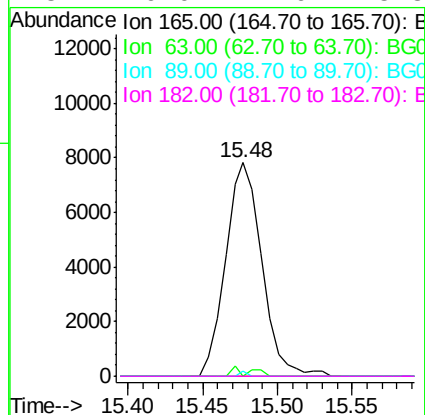
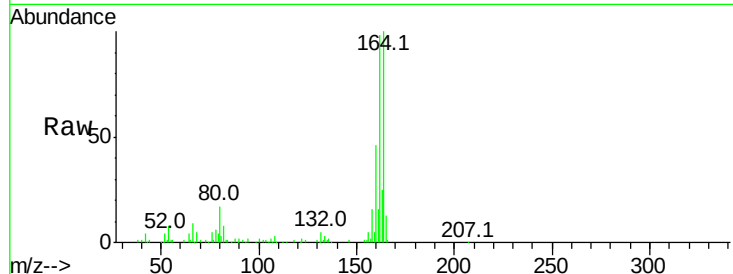




#56
 2,4-Dinitrotoluene
 Concen: 4.729 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.35 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

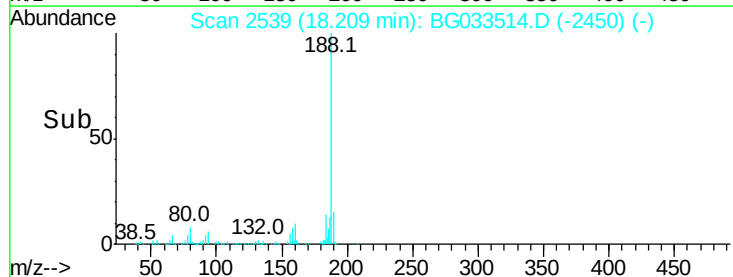
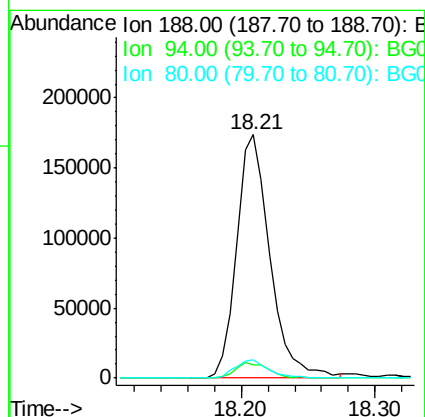
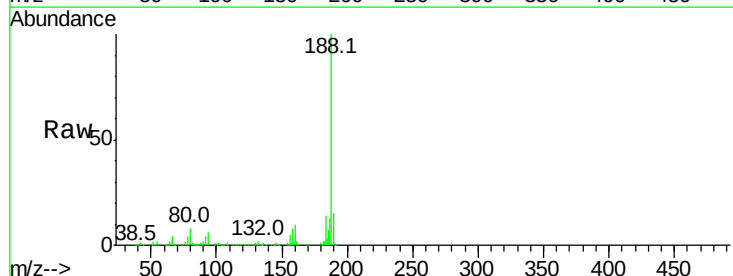
Instrument :
 BNA_G
 ClientSampleId :

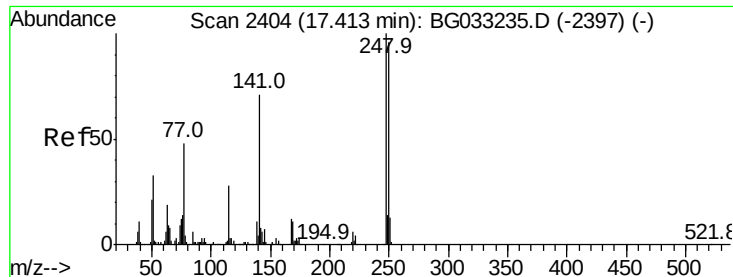
Tot Ion:165	Resp:	13252
Ion Ratio	Lower	Upper
165 100		
63 0.0	42.0	63.0#
89 2.6	66.9	100.3#
182 0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Tgt	Ion:188	Resp:	300742
Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.5	7.7	11.5#

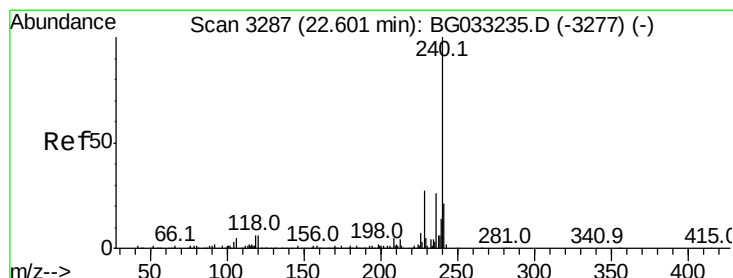
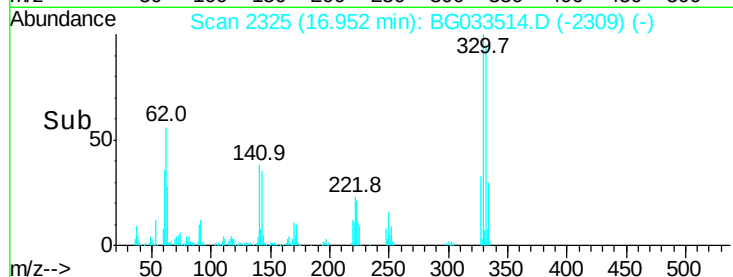
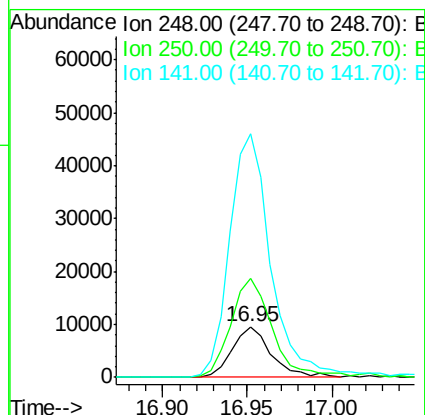
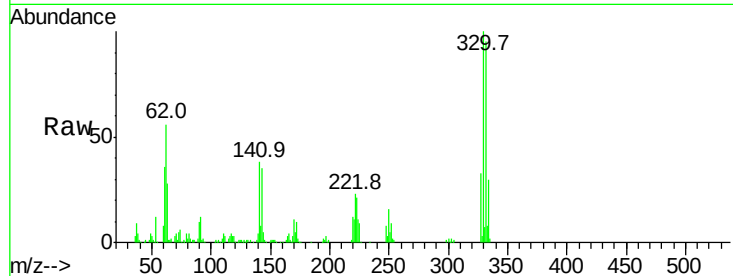




#66
4-Bromophenyl-phenylether
Concen: 4.312 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033514.D
Acq: 3 Apr 2018 7:54

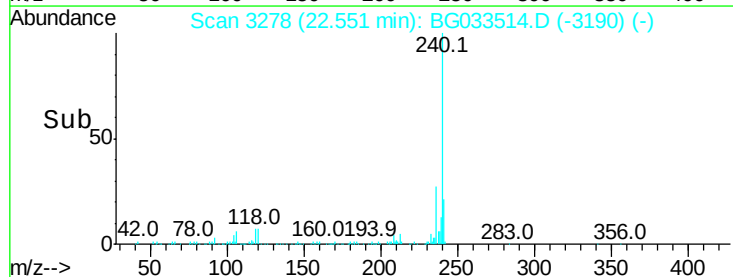
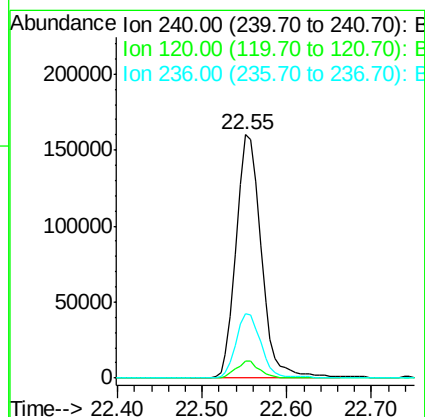
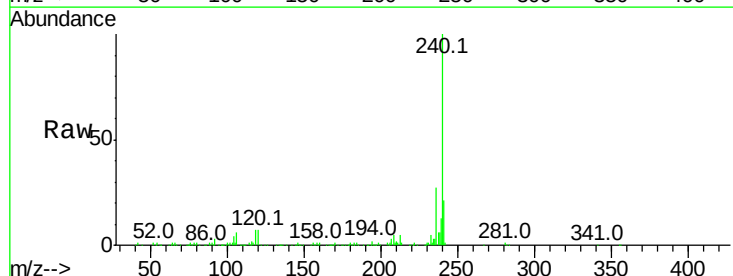
Instrument :
BNA_G
ClientSampleId :

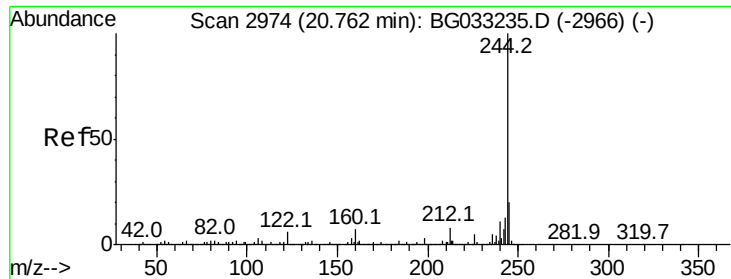
Tot Ion:248 Resp: 15230
Ion Ratio Lower Upper
248 100
250 195.9 77.1 115.7#
141 481.1 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033514.D
Acq: 3 Apr 2018 7:54

Tgt Ion:240 Resp: 328944
Ion Ratio Lower Upper
240 100
120 6.9 6.8 10.2
236 26.7 20.9 31.3



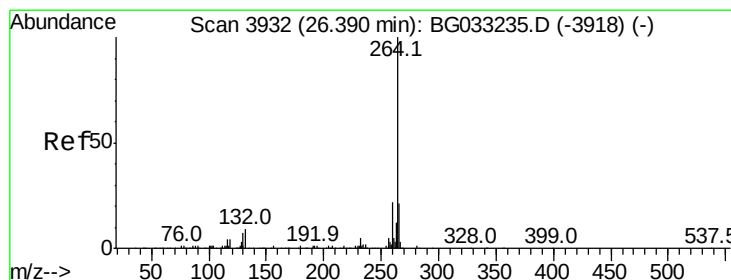
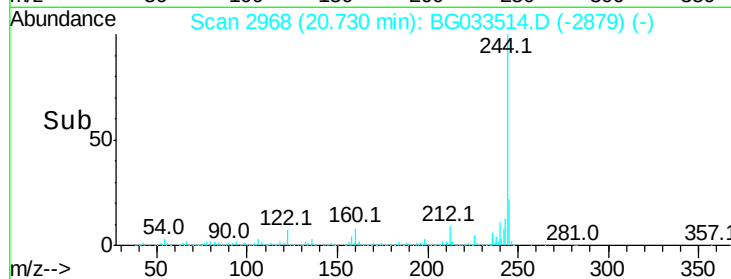
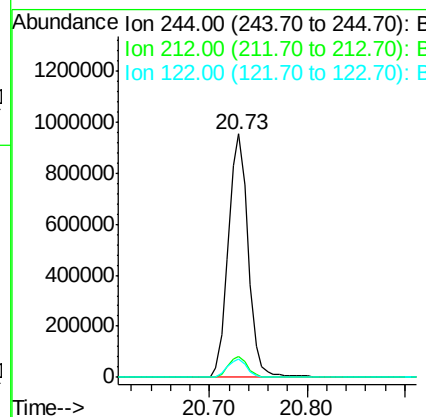
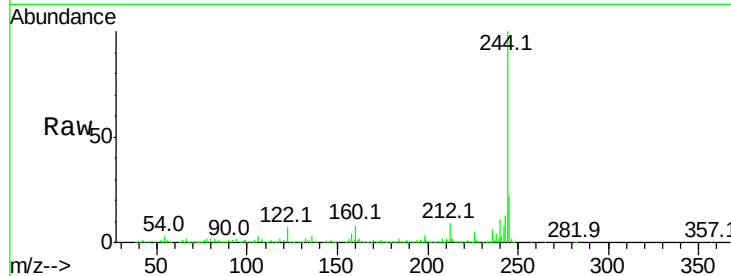


#78
 Terphenyl-d14
 Concen: 87.369 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1343844

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3919
 Delta R.T. -0.02 min
 Lab File: BG033514.D
 Acq: 3 Apr 2018 7:54

Tgt Ion:264 Resp: 335921

Ion	Ratio	Lower	Upper
264	100		
260	21.1	17.4	26.0
265	21.0	17.7	26.5

