

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032618\
 Data File : BG033358.D
 Acq On : 27 Mar 2018 9:02
 Operator : SJ/JU
 Sample : J2050-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 27 10:52:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

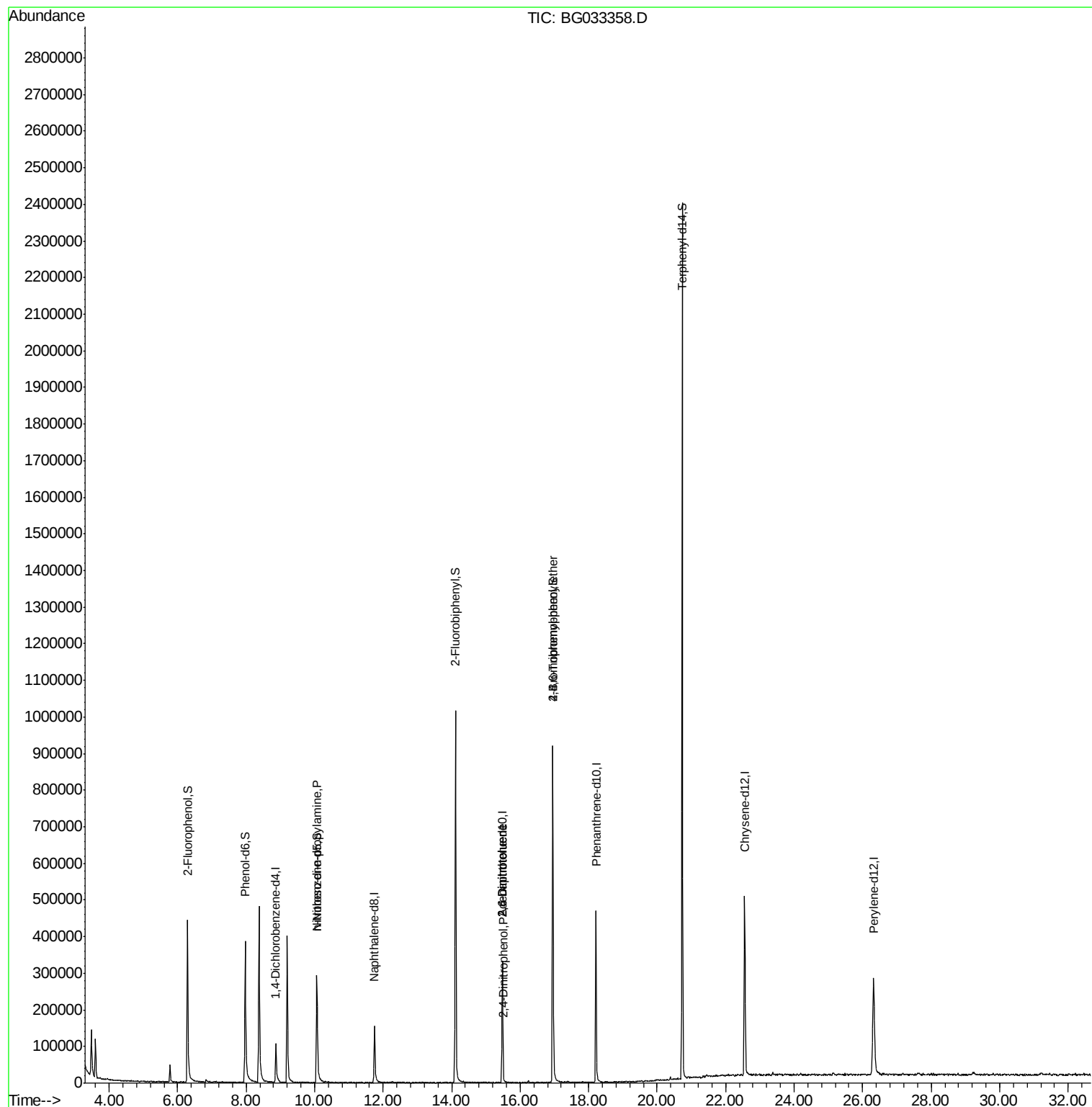
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	40735	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	157801	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	124867	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	345492	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	376931	20.00	ng	-0.04
86) Perylene-d12	26.32	264	399892	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	224449	103.32	ng	-0.02
7) Phenol-d6	7.97	99	293421	78.61	ng	-0.03
23) Nitrobenzene-d5	10.07	82	242414	70.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	200166	107.18	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	609517	70.47	ng	-0.02
78) Terphenyl-d14	20.73	244	1230613	69.82	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.07	70	30292	11.075	ng	# 77
50) 2,6-Dinitrotoluene	15.48	165	16100	7.246	ng	# 20
53) 2,4-Dinitrophenol	15.51	184	58	7.689	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	16100	4.921	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	14869	3.665	ng	# 1

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

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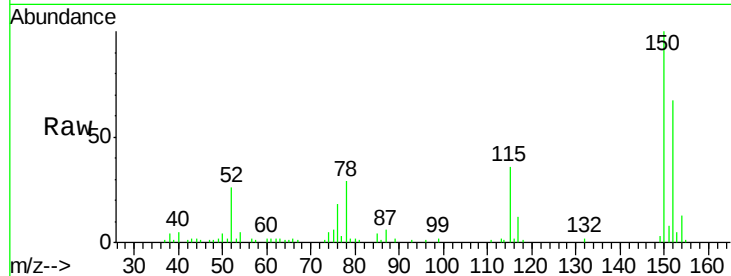


#1

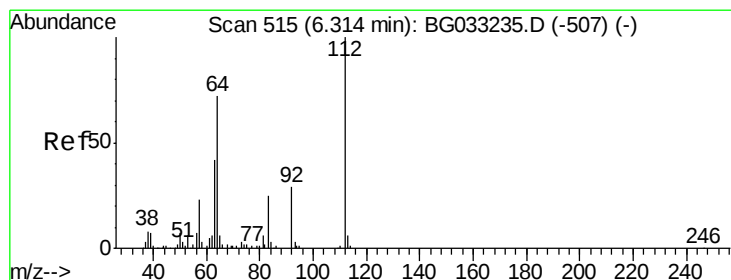
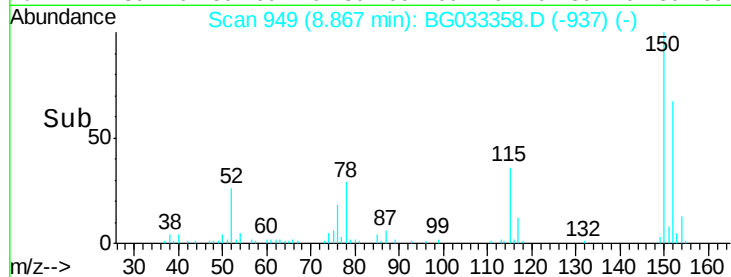
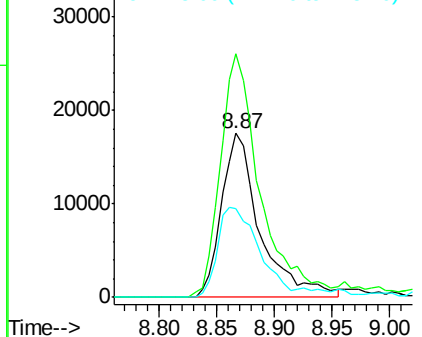
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	126.6	189.8
115	53.8	53.0	79.4



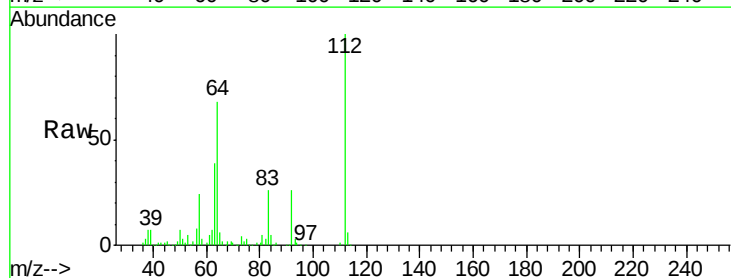
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



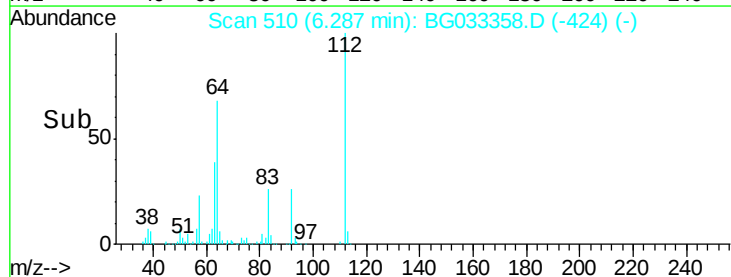
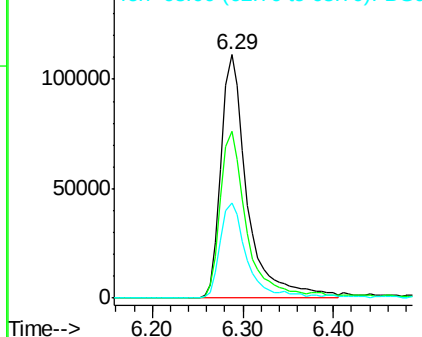
#5

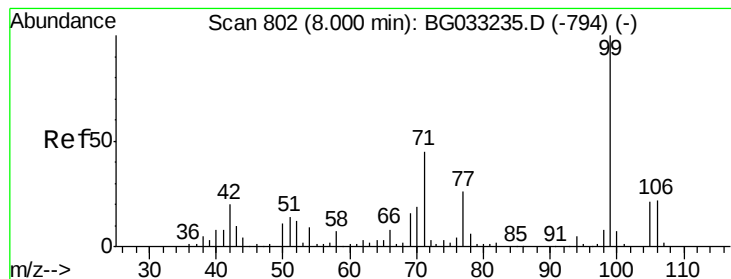
2-Fluorophenol
Concen: 103.319 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.3	84.5
63	38.9	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: 78.610 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.03 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Instrument :

BNA_G

ClientSampleId :

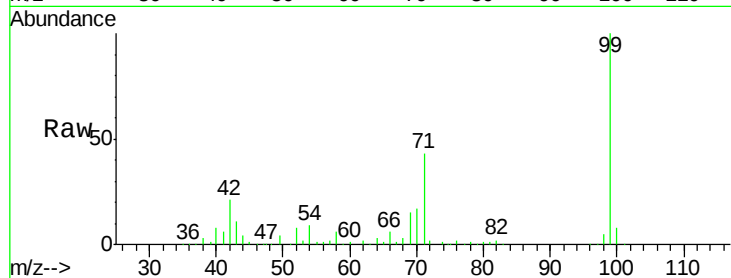
Tot Ion: 99 Resp: 293421

Ion Ratio Lower Upper

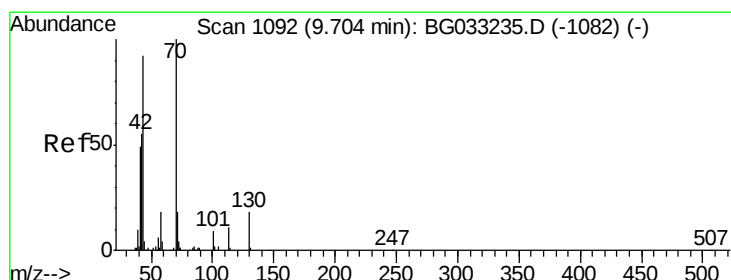
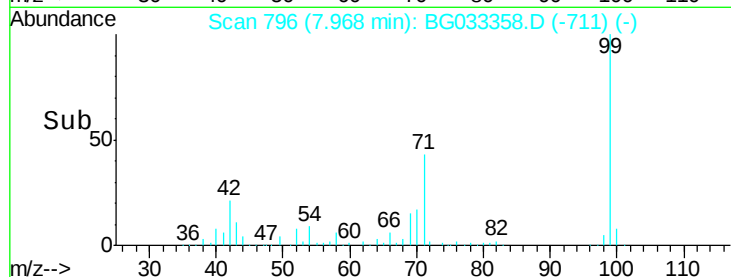
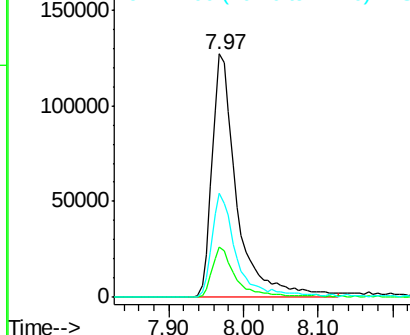
99 100

42 20.6 14.1 21.1

71 42.6 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: 11.075 ng

RT: 10.07 min Scan# 1153

Delta R.T. 0.36 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Tgt Ion: 70 Resp: 30292

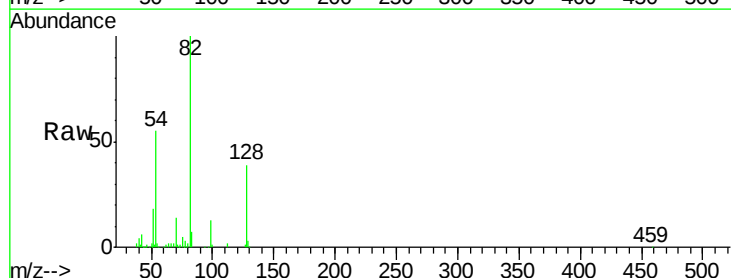
Ion Ratio Lower Upper

70 100

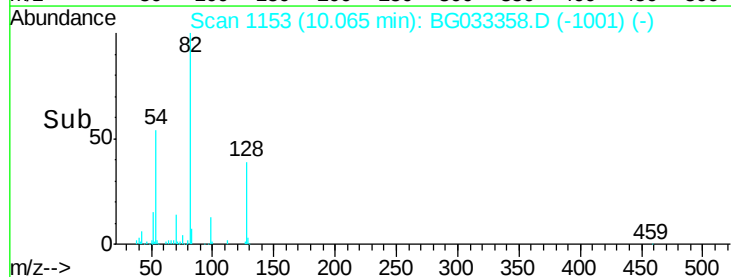
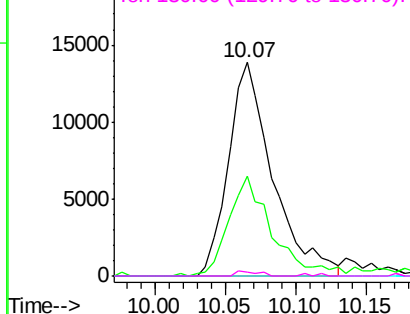
42 46.8 49.1 73.7#

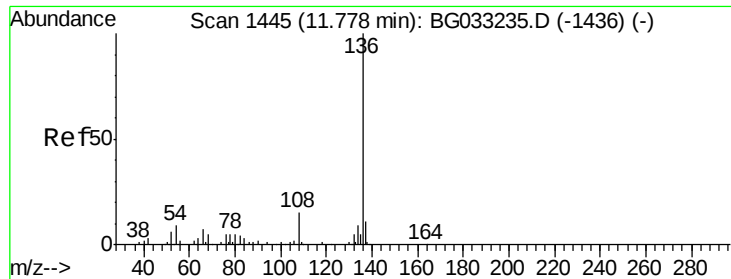
101 0.0 8.5 12.7#

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

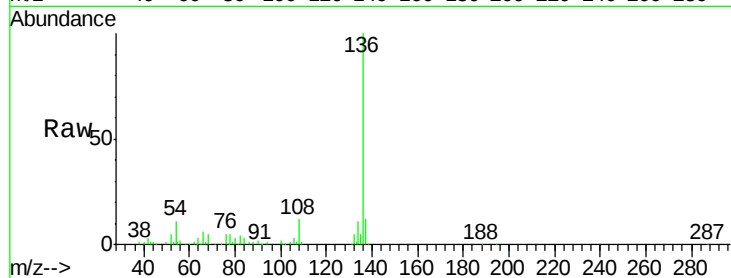




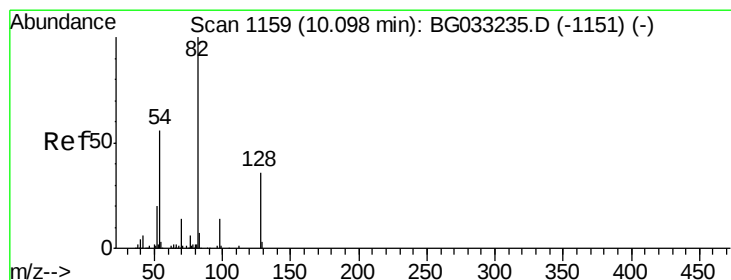
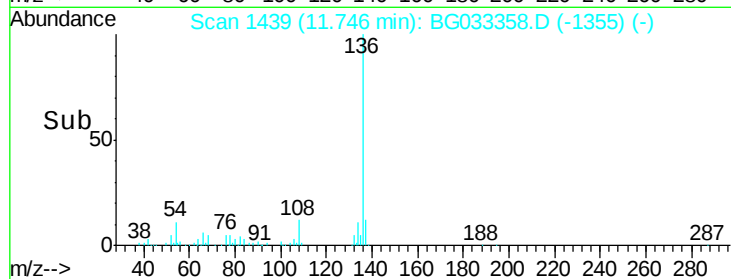
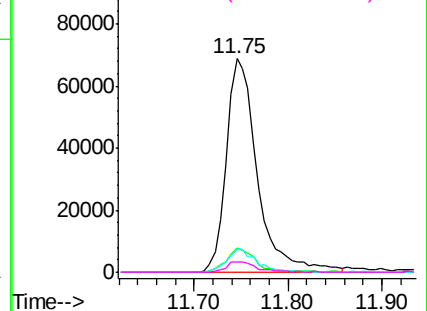
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. -0.04 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	157801
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.2 13.8
54	11.0	10.3 15.5
68	4.8	4.5 6.7

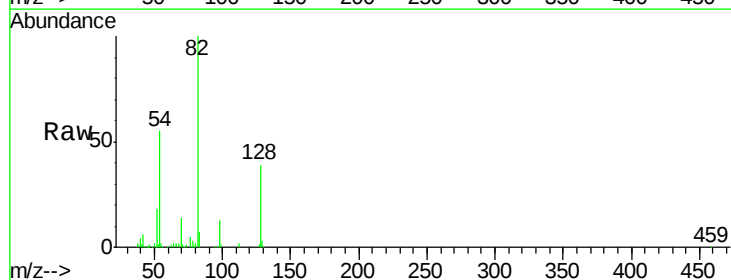


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

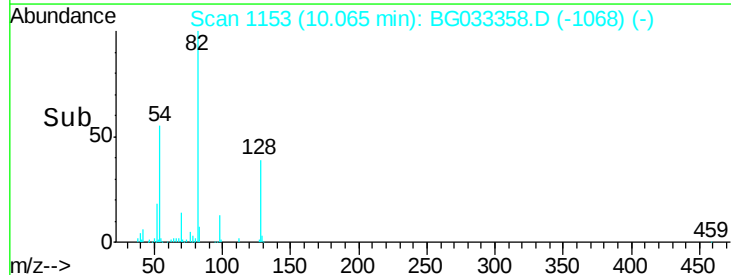
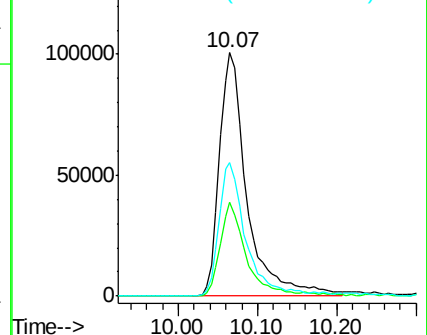


#23
Nitrobenzene-d5
Concen: 70.579 ng
RT: 10.07 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Tgt Ion: 82	Resp:	242414
Ion	Ratio	Lower Upper
82	100	
128	38.5	29.7 44.5
54	54.8	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

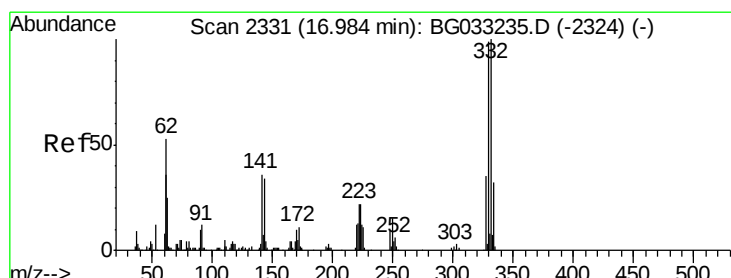
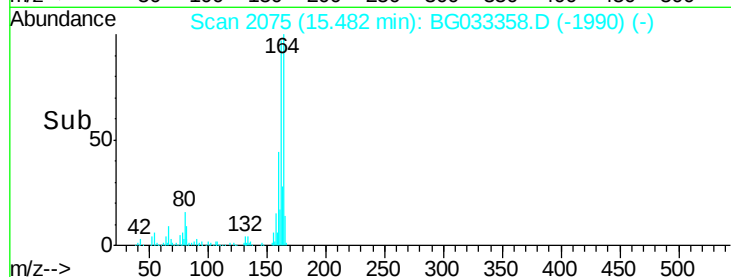
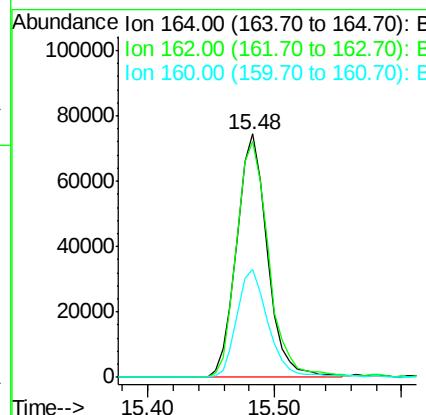
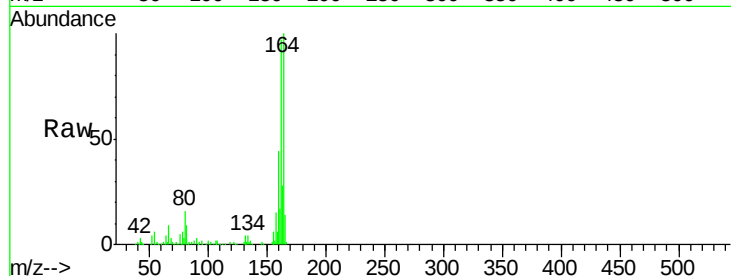




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.03 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

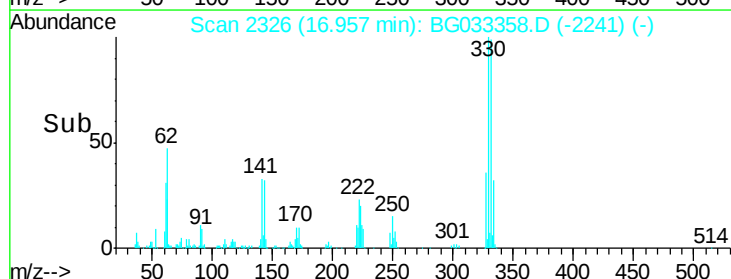
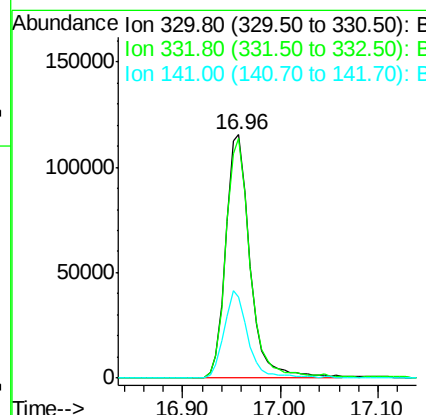
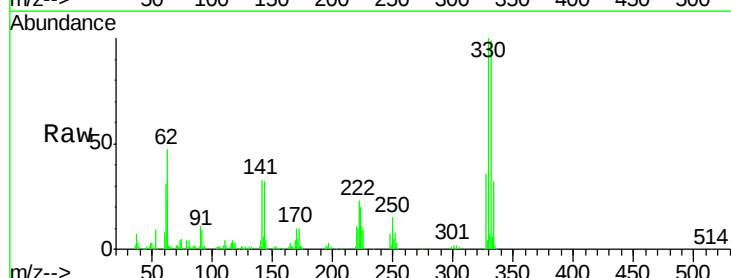
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	44.4	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 107.182 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.03 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.9	25.2	37.8

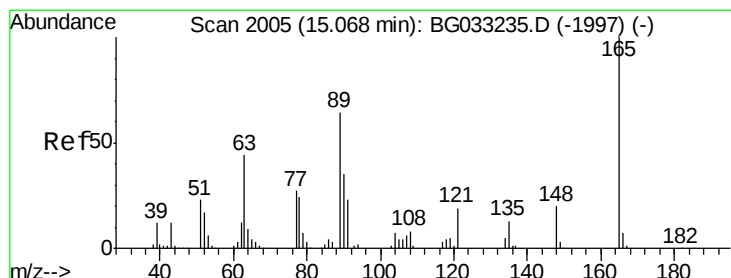
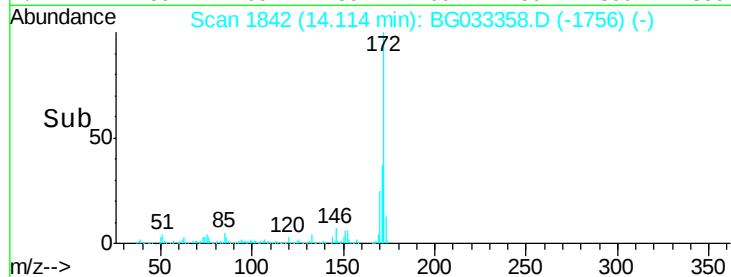
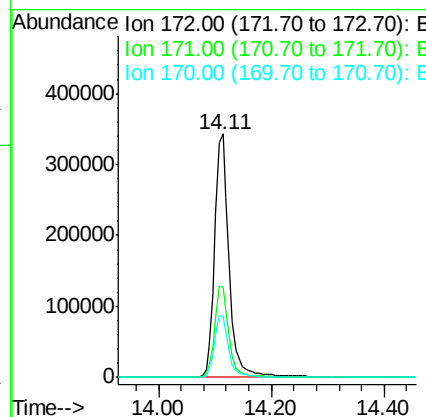
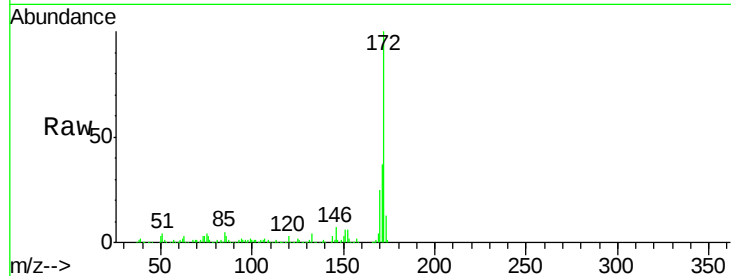




#44
 2-Fluorobiphenyl
 Concen: 70.469 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

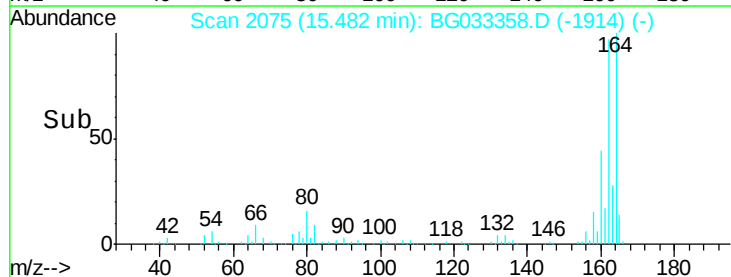
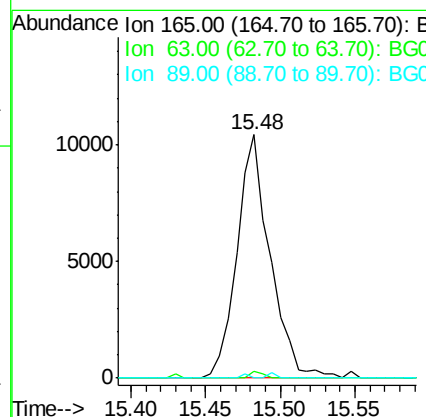
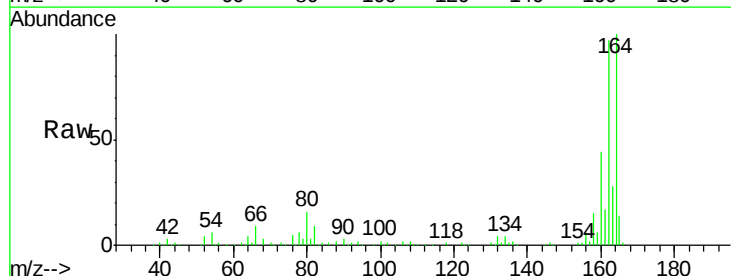
Instrument :
 BNA_G
 ClientSampled :

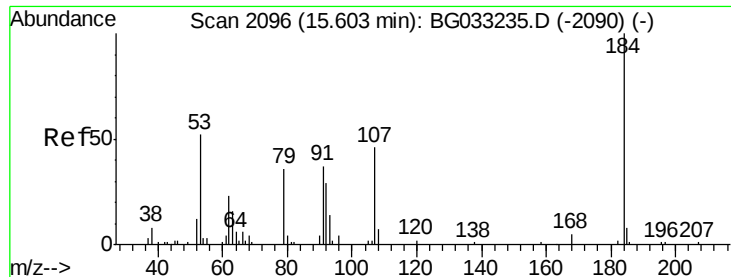
Tot Ion:172 Resp: 609517
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 24.9 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.246 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.42 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Tgt Ion:165 Resp: 16100
 Ion Ratio Lower Upper
 165 100
 63 2.6 52.7 79.1#
 89 0.0 49.2 73.8#

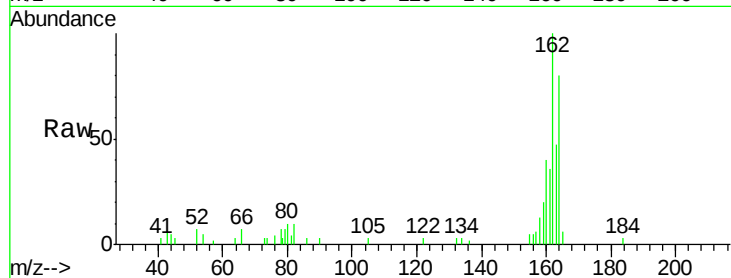




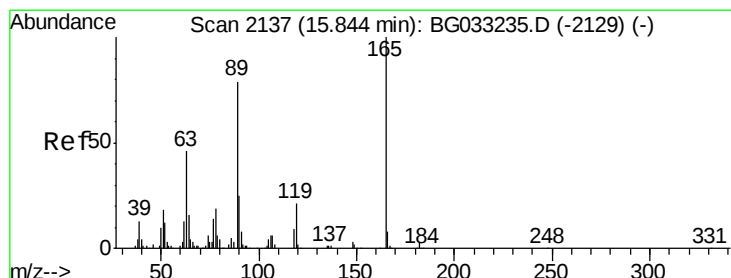
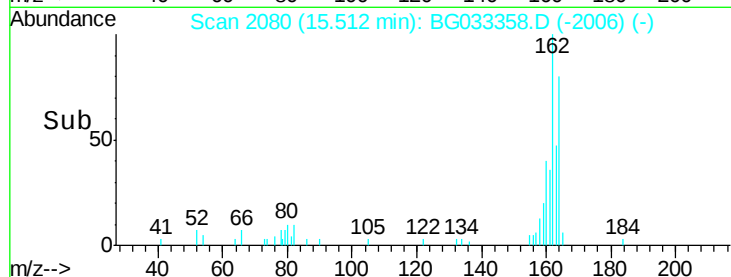
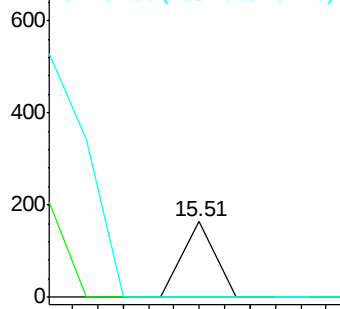
#53
2,4-Dinitrophenol
Concen: 7.689 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.09 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

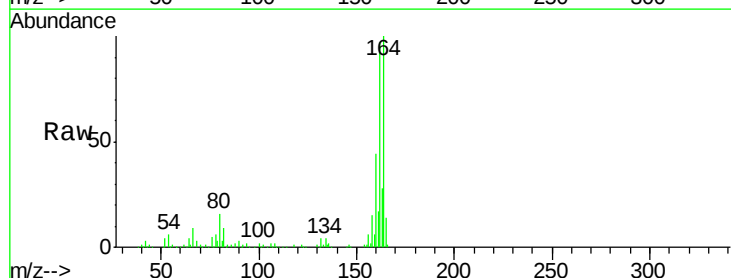


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

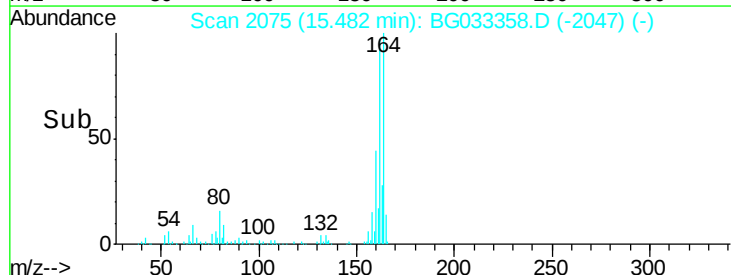
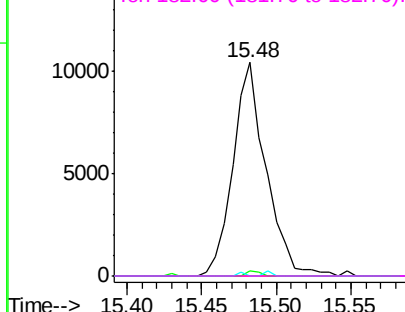


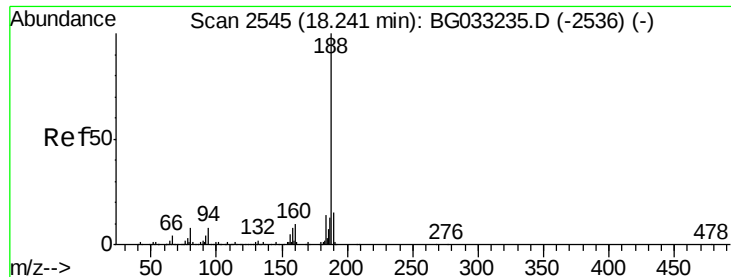
#56
2,4-Dinitrotoluene
Concen: 4.921 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.36 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Tgt Ion:165 Resp: 16100
Ion Ratio Lower Upper
165 100
63 2.6 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

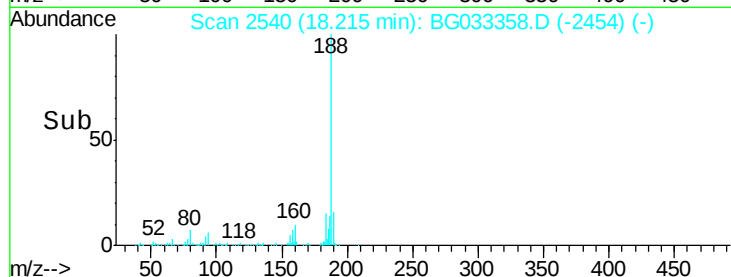
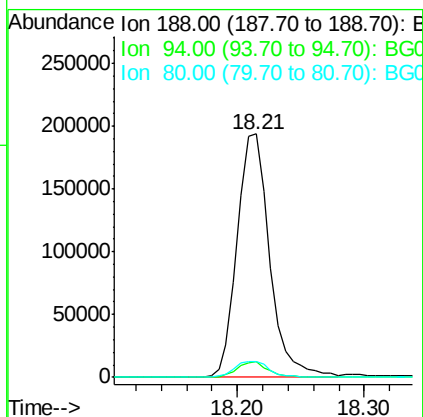
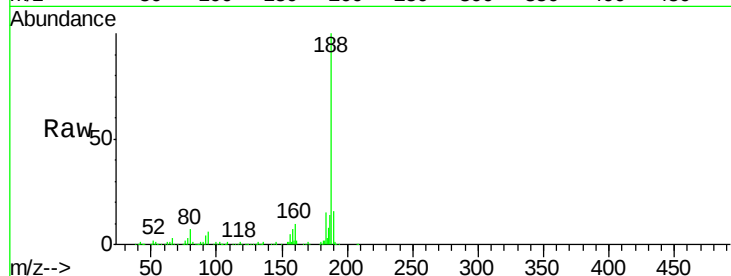




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

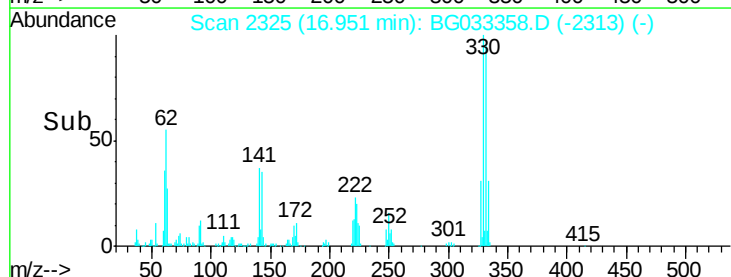
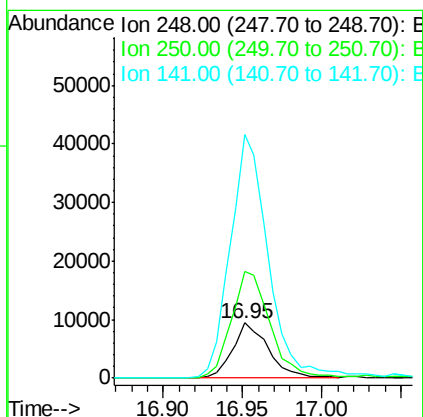
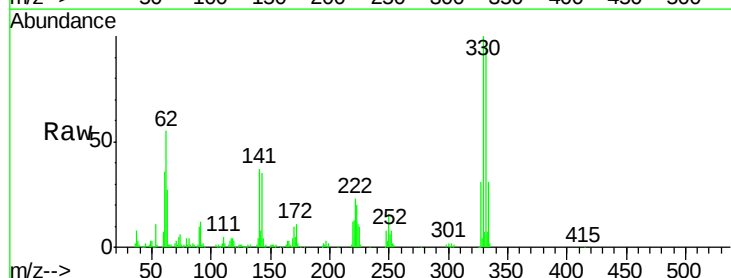
Instrument :
BNA_G
ClientSampleId :

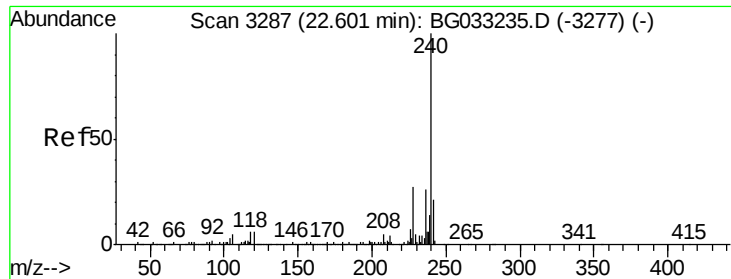
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	6.7	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.665 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.46 min
Lab File: BG033358.D
Acq: 27 Mar 2018 9:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.7	77.1	115.7#
141	443.0	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.04 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

Instrument :

BNA_G

ClientSampleId :

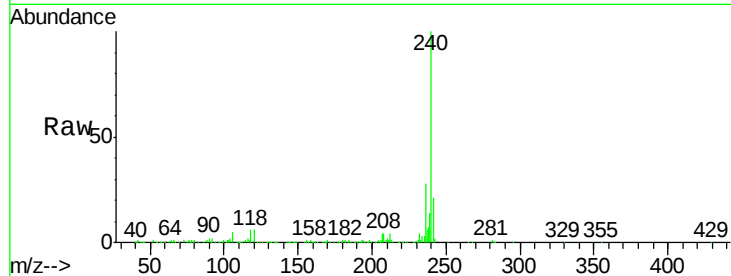
Tot Ion:240 Resp: 376931

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

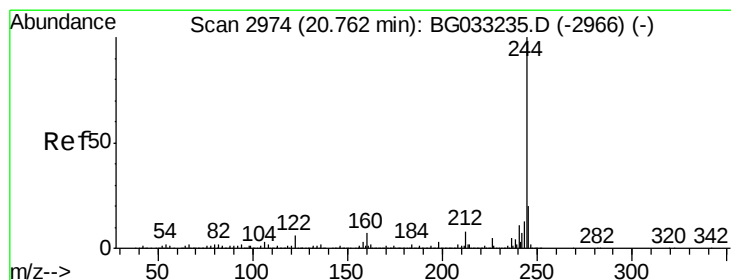
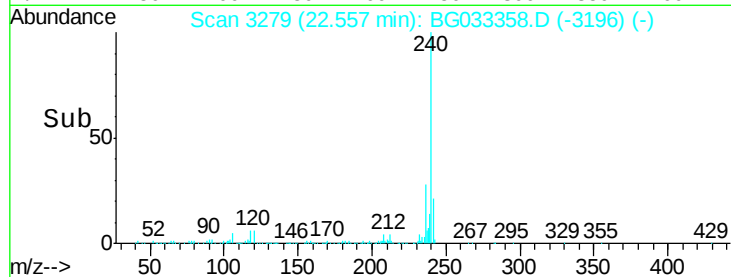
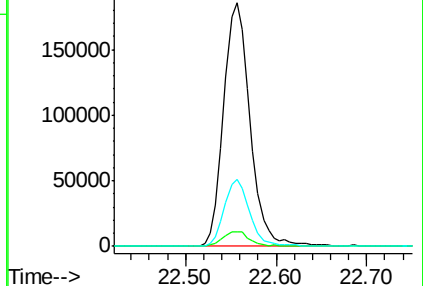
236 27.7 20.9 31.3



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: 69.822 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.03 min

Lab File: BG033358.D

Acq: 27 Mar 2018 9:02

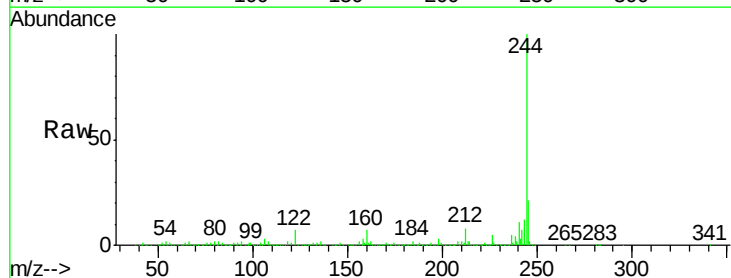
Tgt Ion:244 Resp: 1230613

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

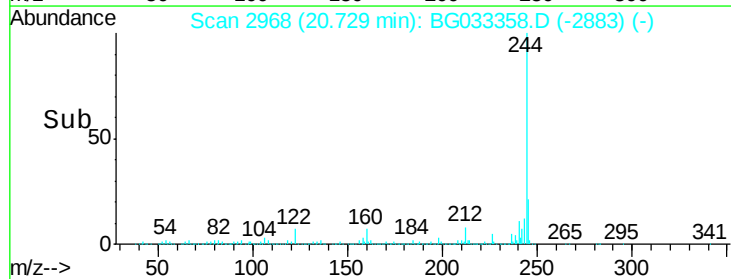
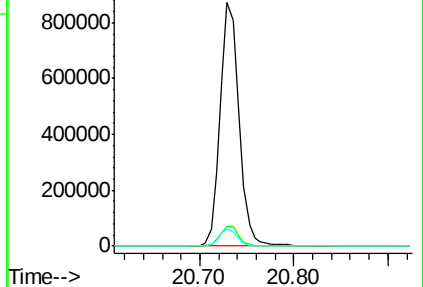
122 7.2 7.0 10.4

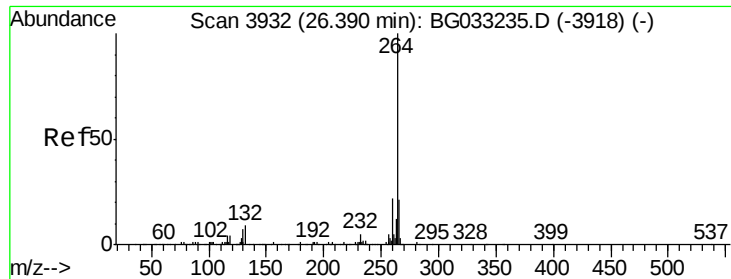


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

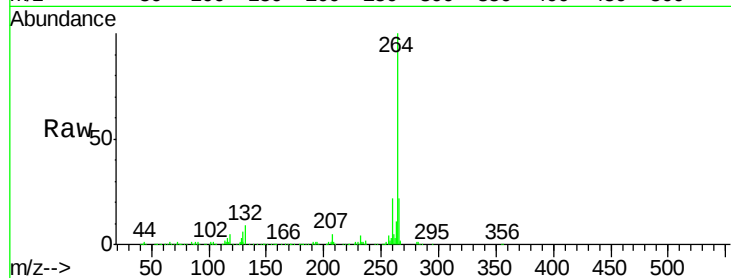




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. -0.06 min
 Lab File: BG033358.D
 Acq: 27 Mar 2018 9:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.5	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

