

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033529.D
 Acq On : 3 Apr 2018 17:13
 Operator : SJ/JU
 Sample : J2131-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 18:43:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

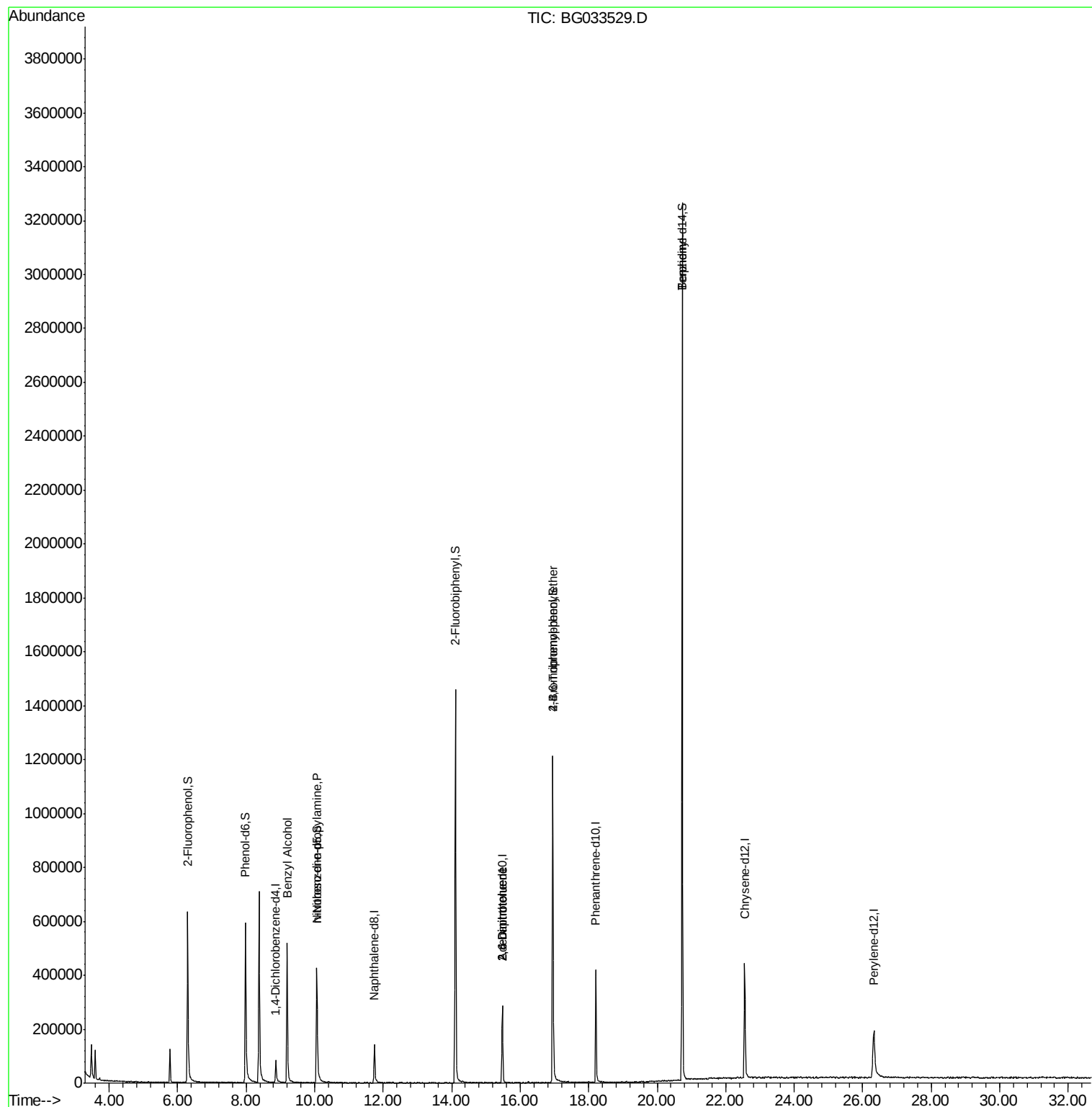
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31622	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	140600	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	111204	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	307630	20.00	ng	0.00
75) Chrysene-d12	22.56	240	314264	20.00	ng	0.00
86) Perylene-d12	26.33	264	316593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	308558	182.97	ng	0.00
7) Phenol-d6	7.98	99	421367	145.42	ng	0.00
23) Nitrobenzene-d5	10.06	82	335092	109.50	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	248593	149.47	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	831950	108.00	ng	0.00
78) Terphenyl-d14	20.73	244	1613564	109.81	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5479	2.402	ng	# 39
19) n-Nitroso-di-n-propylamine	10.06	70	48348	22.771	ng	# 74
50) 2,6-Dinitrotoluene	15.48	165	14535	7.345	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	14535	4.989	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	18553	5.135	ng	# 1
76) Benzidine	20.73	184	28579	3.353	ng	# 92

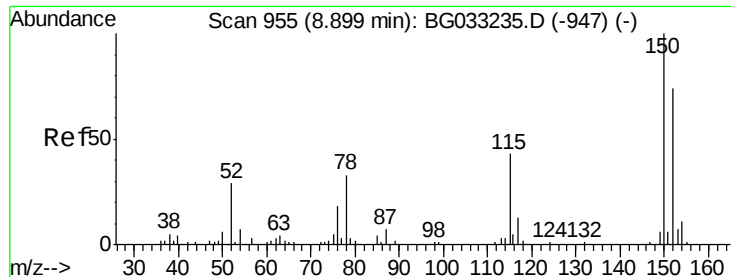
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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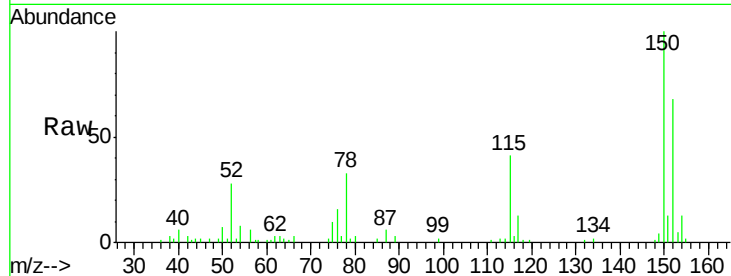


#1

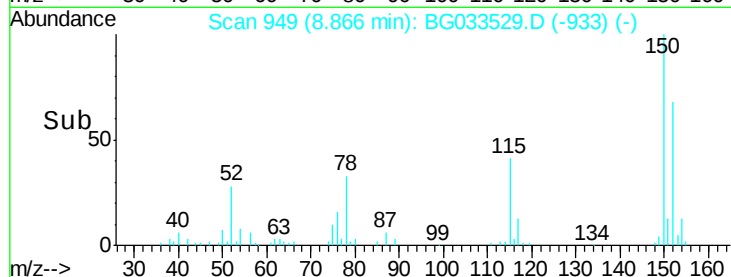
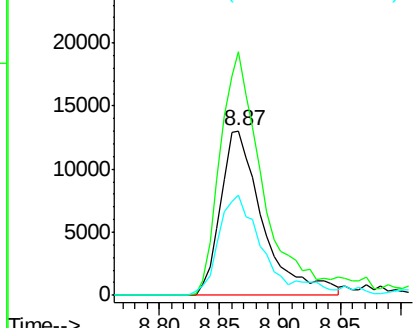
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033529.D
Acq: 3 Apr 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31622
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 61.0 53.0 79.4



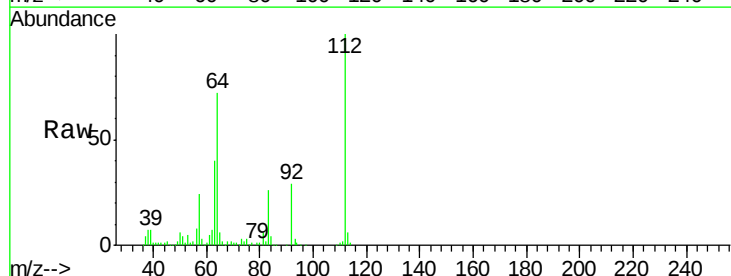
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



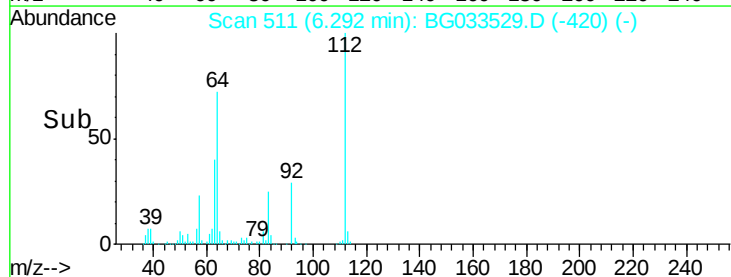
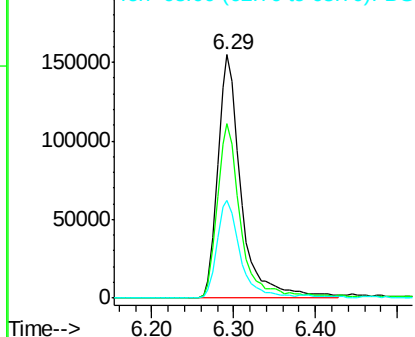
#5

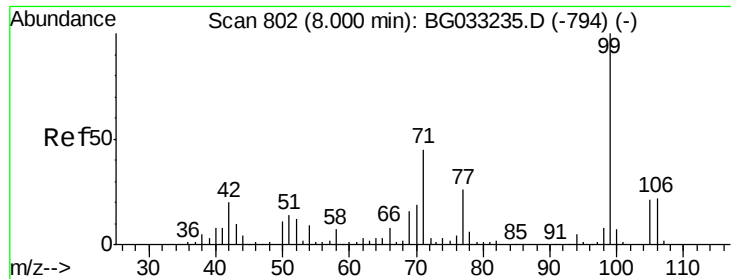
2-Fluorophenol
Concen: 182.969 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033529.D
Acq: 3 Apr 2018 17:13

Tgt Ion:112 Resp: 308558
Ion Ratio Lower Upper
112 100
64 71.6 56.3 84.5
63 40.1 30.1 45.1



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





#7

Phenol-d6

Concen: 145.420 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033529.D

Acq: 3 Apr 2018 17:13

Instrument :

BNA_G

ClientSampleId :

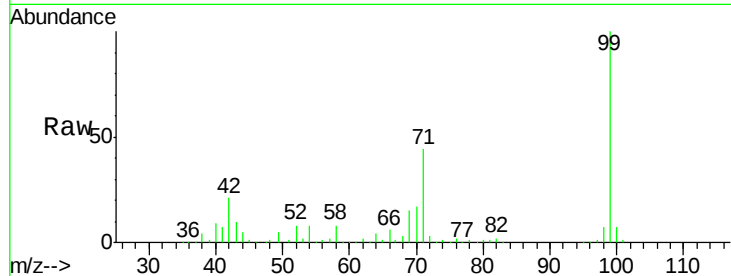
Tot Ion: 99 Resp: 421367

Ion Ratio Lower Upper

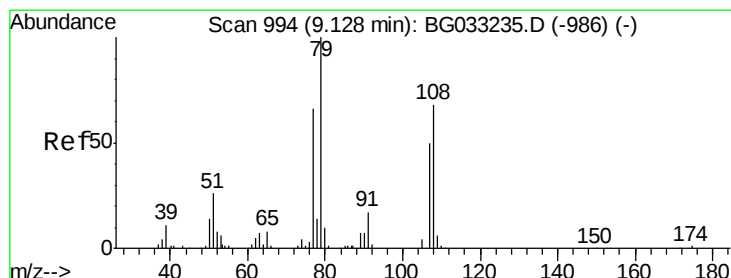
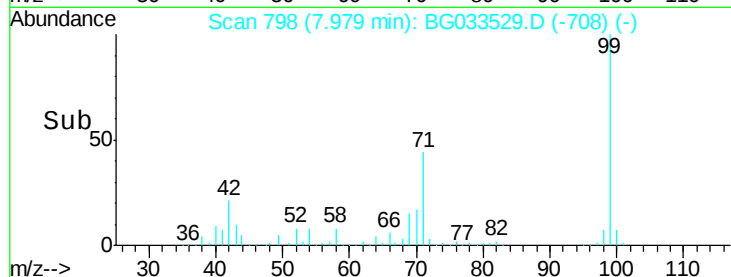
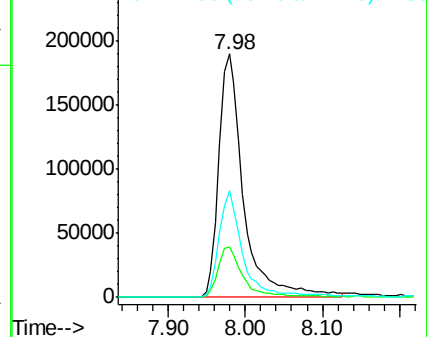
99 100

42 20.7 14.1 21.1

71 43.7 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: 2.402 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.08 min

Lab File: BG033529.D

Acq: 3 Apr 2018 17:13

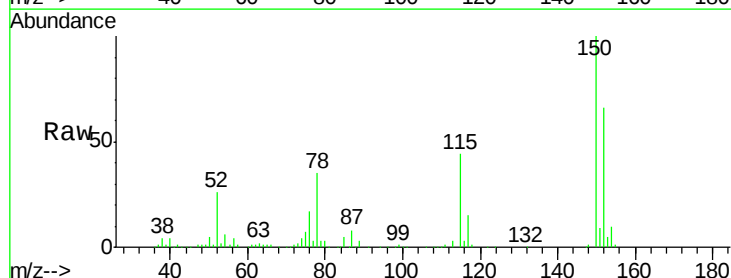
Tgt Ion: 79 Resp: 5479

Ion Ratio Lower Upper

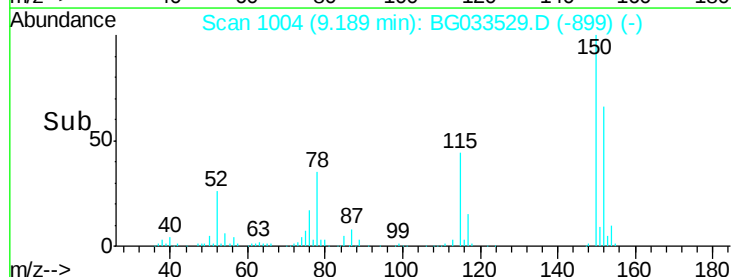
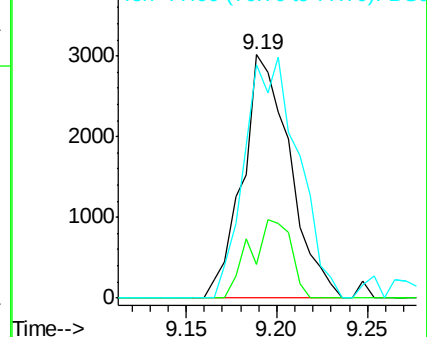
79 100

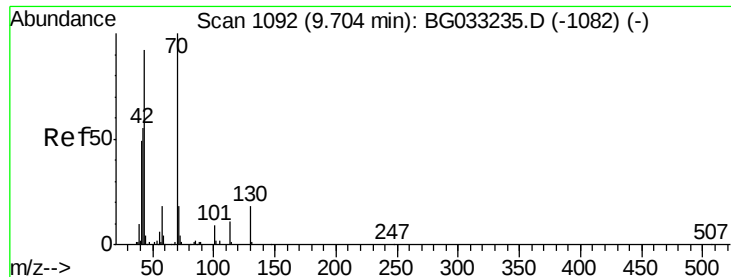
108 14.1 57.2 85.8#

77 96.0 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

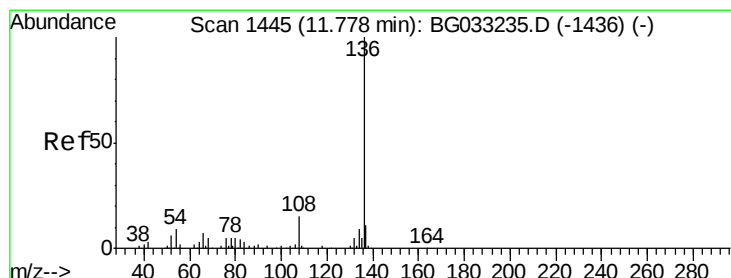
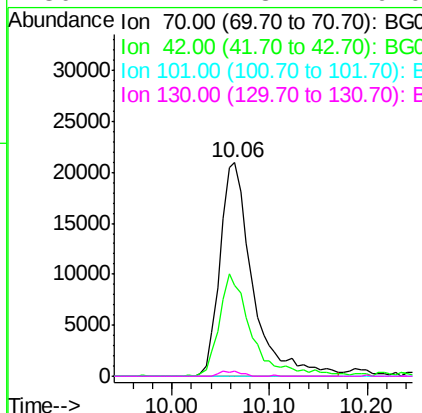
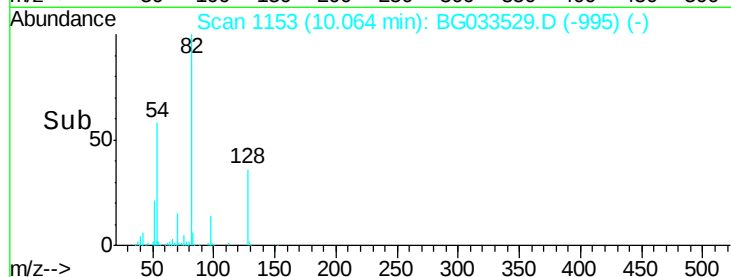
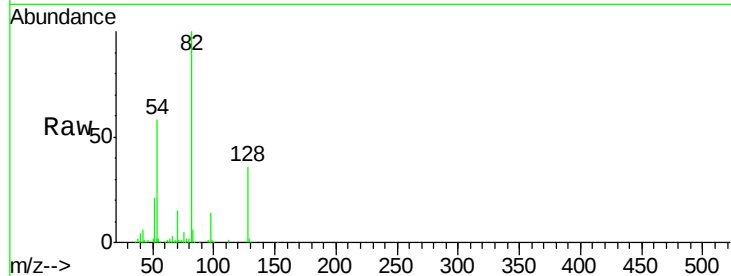




#19
 n-Nitroso-di-n-propylamine
 Concen: 22.771 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.40 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

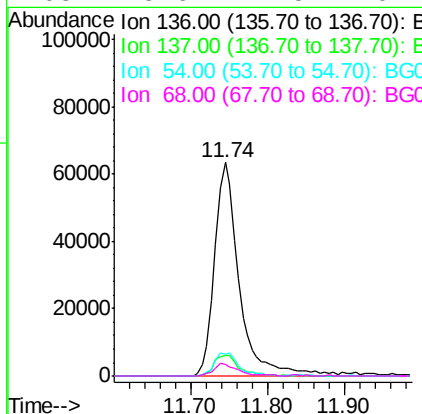
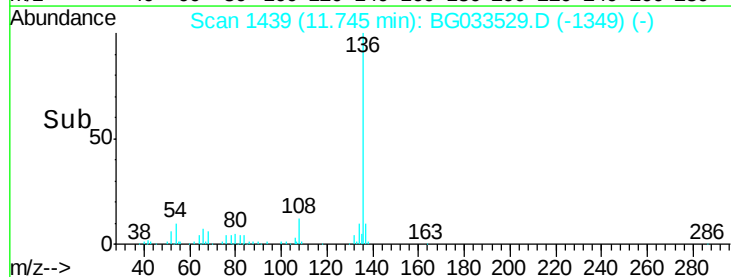
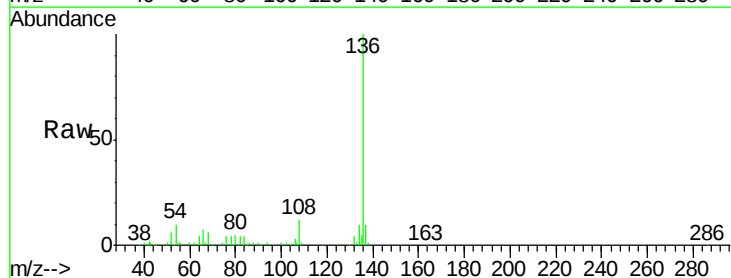
Instrument :
 BNA_G
 ClientSampleId :

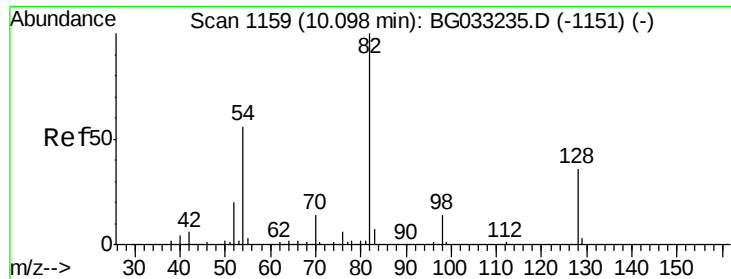
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.7	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	10.5	10.3	15.5
68	5.6	4.5	6.7

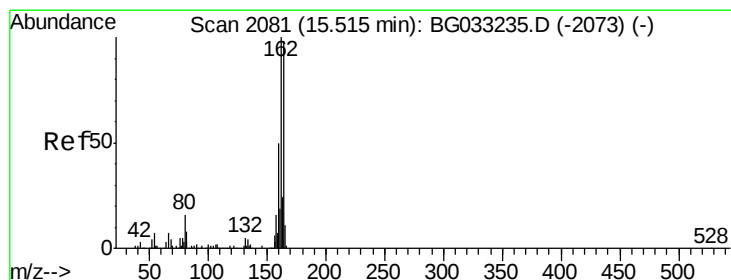
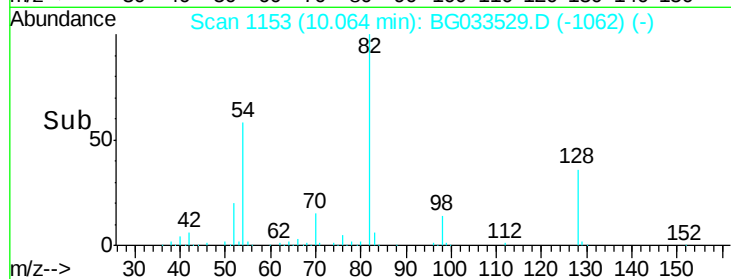
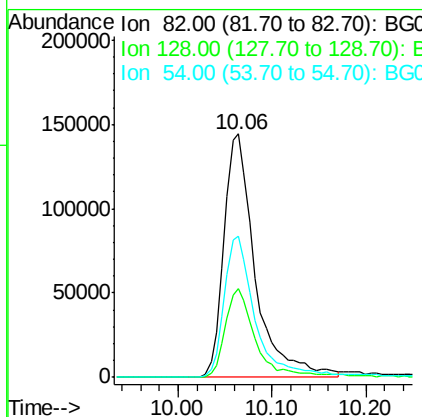
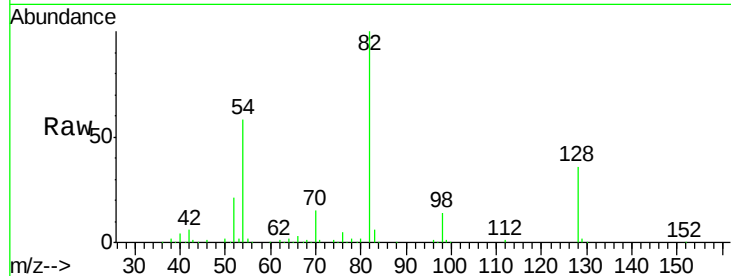




#23
 Nitrobenzene-d5
 Concen: 109.499 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

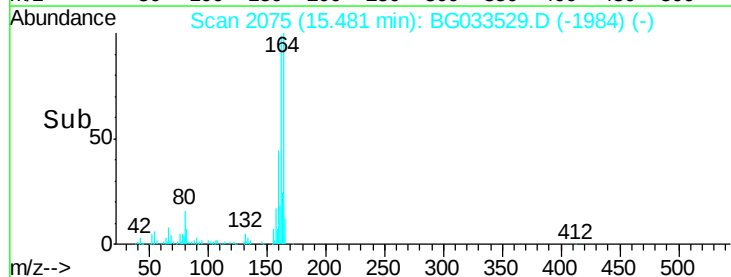
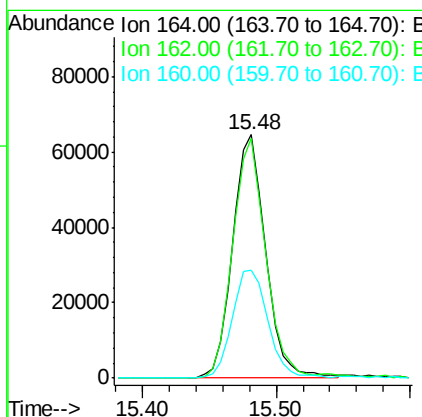
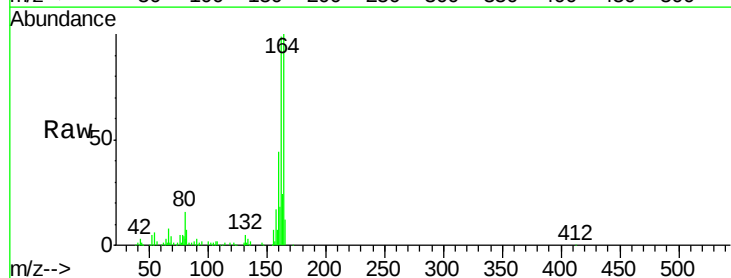
Instrument :
 BNA_G
 ClientSampleId :

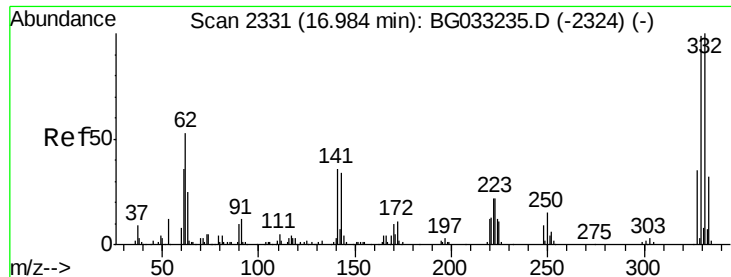
Tot Ion	82	Resp	335092
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.7	44.5
54	58.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

Tgt Ion	164	Resp	111204
Ion Ratio	Lower	Upper	
164	100		
162	98.5	78.8	118.2
160	44.5	35.4	53.0

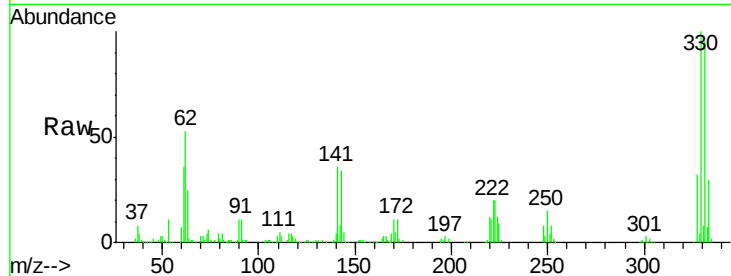




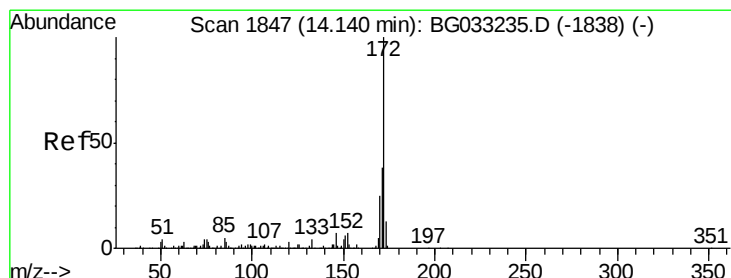
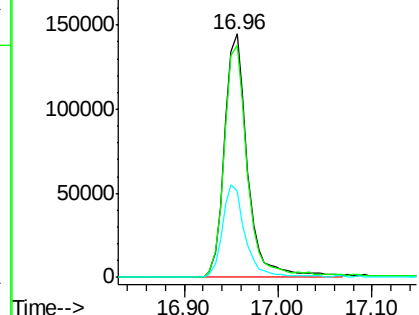
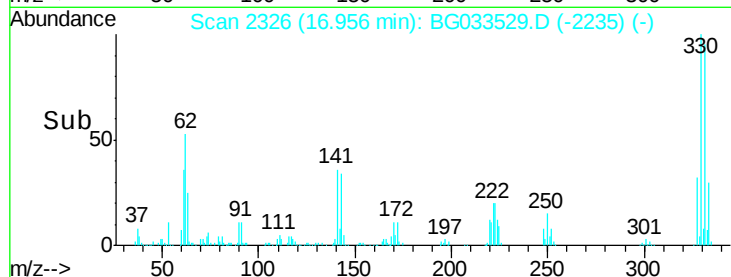
#41
 2,4,6-Tribromophenol
 Concen: 149.468 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.0	25.2	37.8#

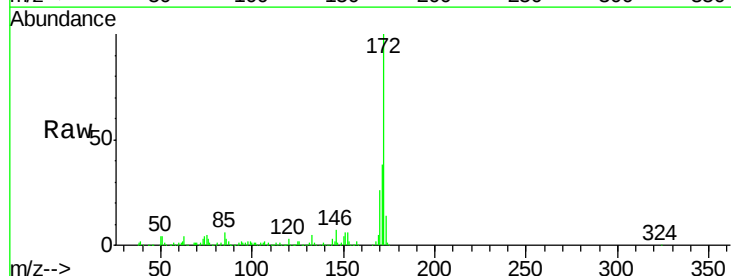


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

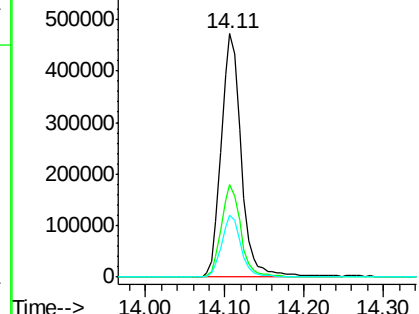
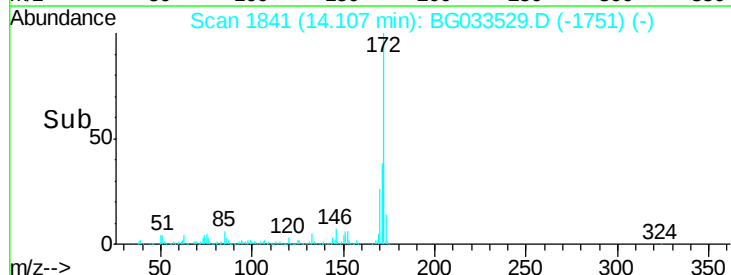


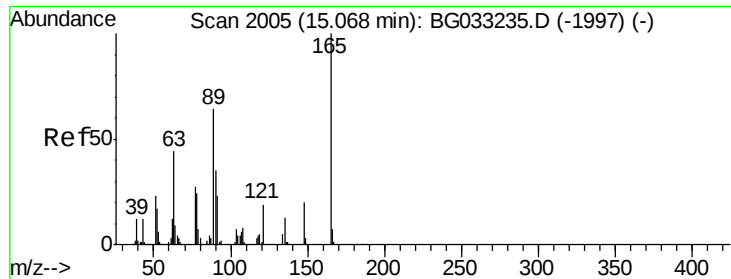
#44
 2-Fluorobiphenyl
 Concen: 108.003 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.6	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: 7.345 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.44 min

Lab File: BG033529.D

Acq: 3 Apr 2018 17:13

Instrument :

BNA_G

ClientSampleId :

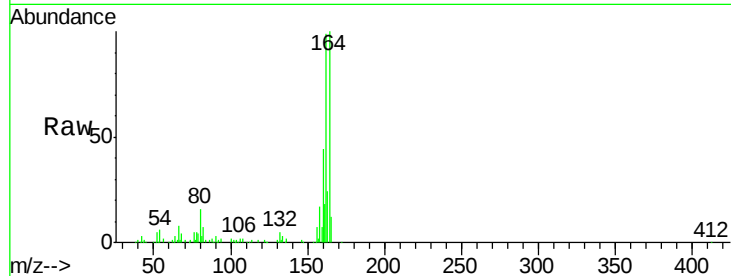
Tot Ion:165 Resp: 14535

Ion Ratio Lower Upper

165 100

63 2.1 52.7 79.1#

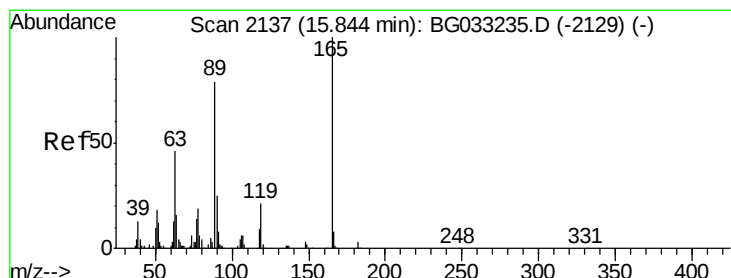
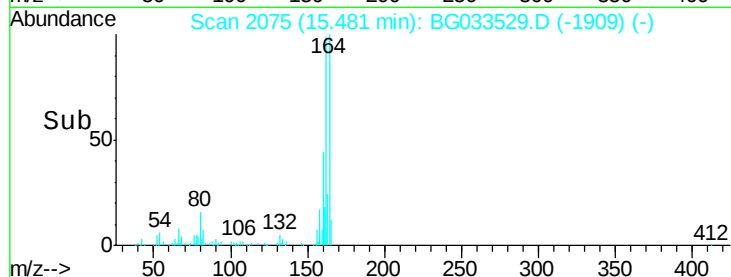
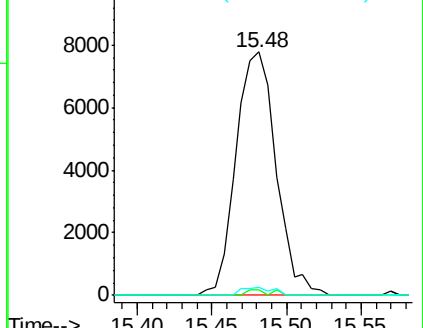
89 3.2 49.2 73.8#



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: 4.989 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.33 min

Lab File: BG033529.D

Acq: 3 Apr 2018 17:13

Tgt Ion:165 Resp: 14535

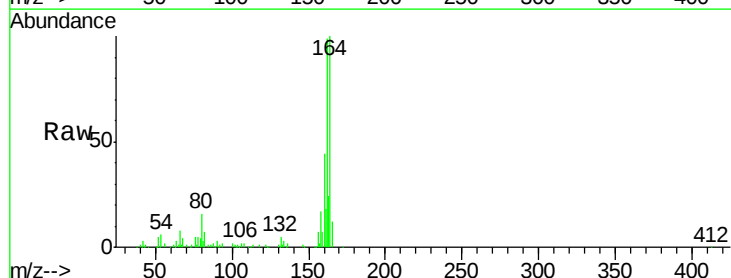
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 3.2 66.9 100.3#

182 0.0 2.6 3.8#

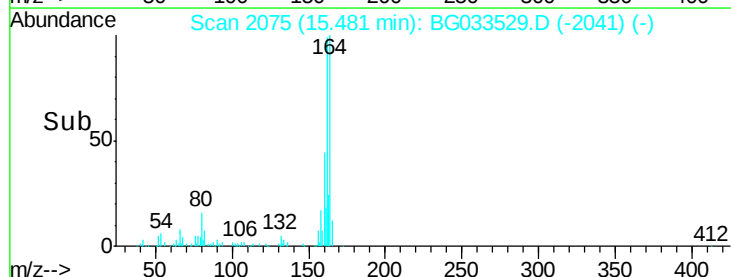
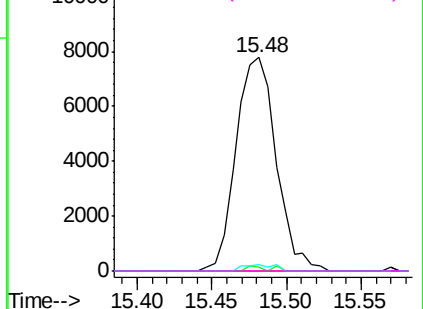


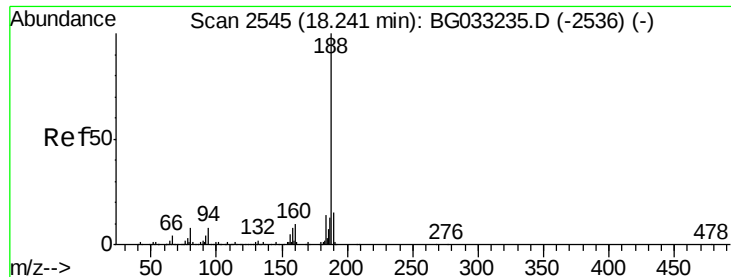
Abundance Ion 165.00 (164.70 to 165.70): E

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

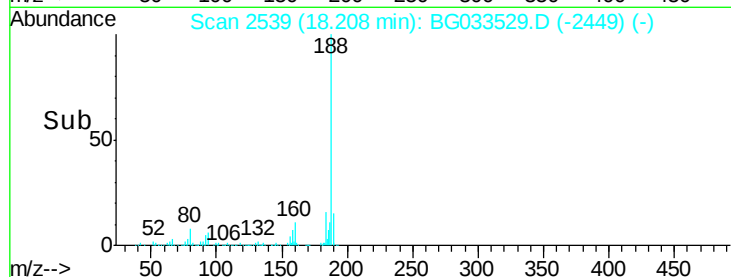
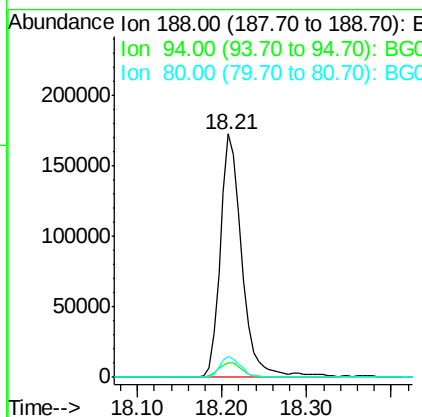
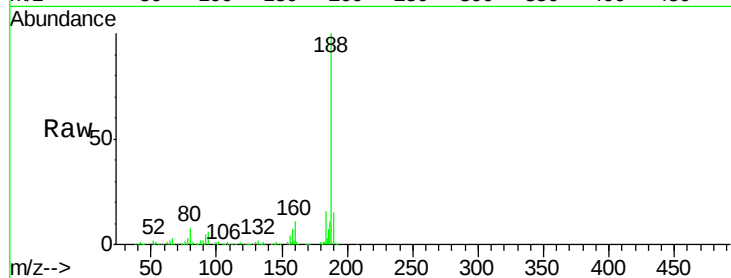




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033529.D
Acq: 3 Apr 2018 17:13

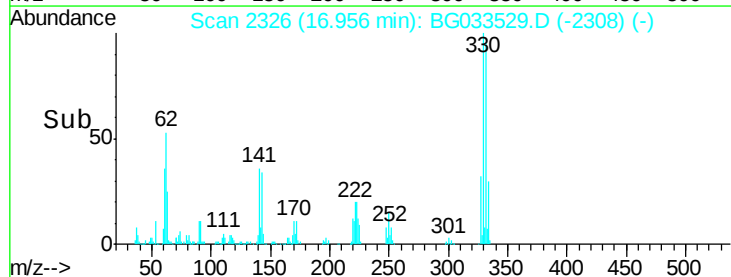
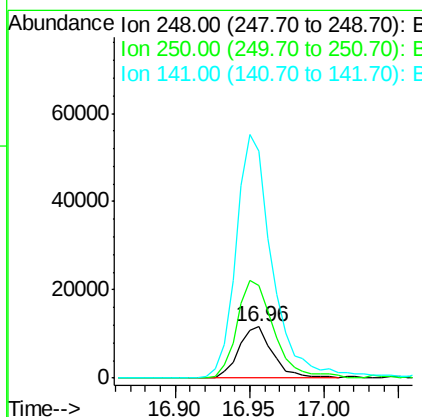
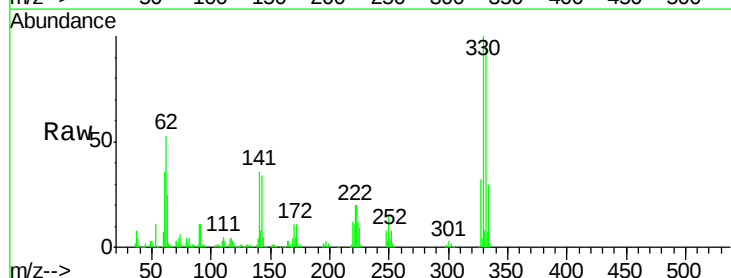
Instrument :
BNA_G
ClientSampleId :

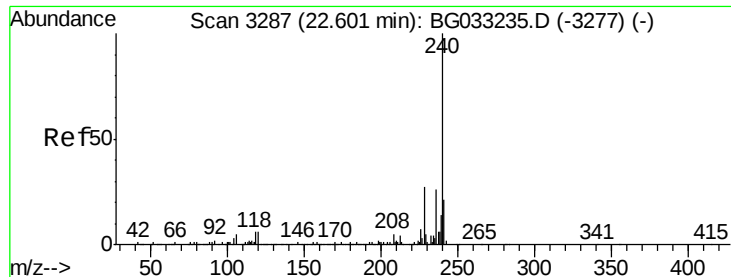
Tot Ion:188 Resp: 307630
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 8.4 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.135 ng
RT: 16.96 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033529.D
Acq: 3 Apr 2018 17:13

Tgt Ion:248 Resp: 18553
Ion Ratio Lower Upper
248 100
250 180.7 77.1 115.7#
141 443.5 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033529.D

Acq: 3 Apr 2018 17:13

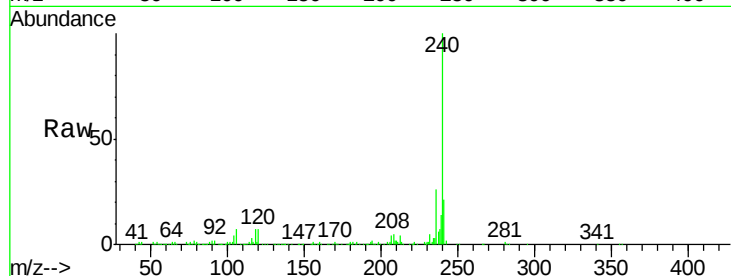
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 314264

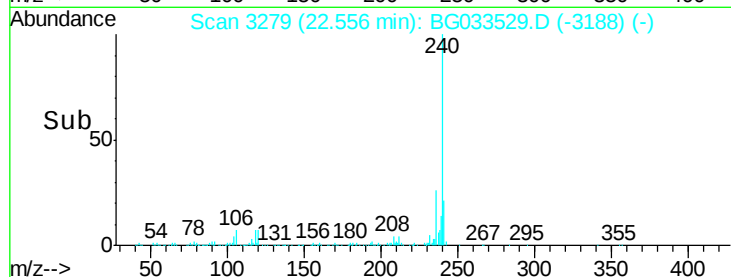
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.8	10.2
236	26.1	20.9	31.3



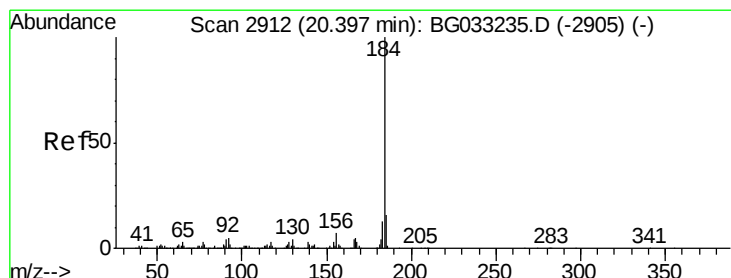
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 3.353 ng

RT: 20.73 min Scan# 2968

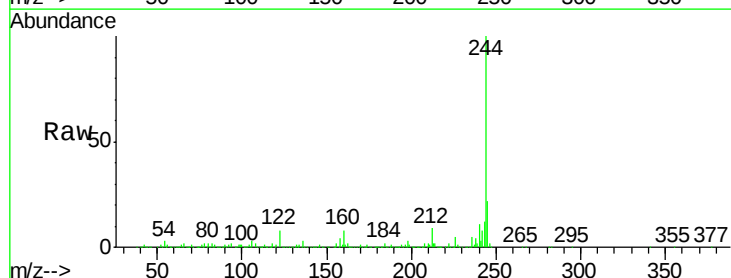
Delta R.T. 0.36 min

Lab File: BG033529.D

Acq: 3 Apr 2018 17:13

Tgt Ion:184 Resp: 28579

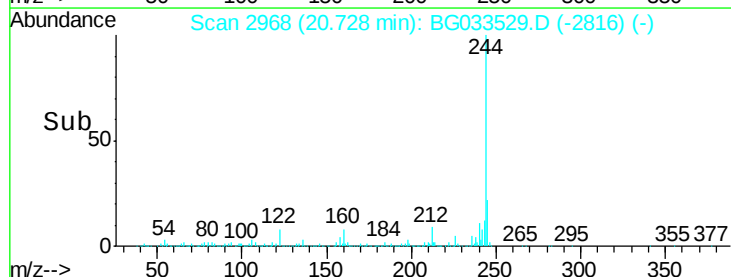
Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.1	16.7#
183	10.9	10.6	16.0



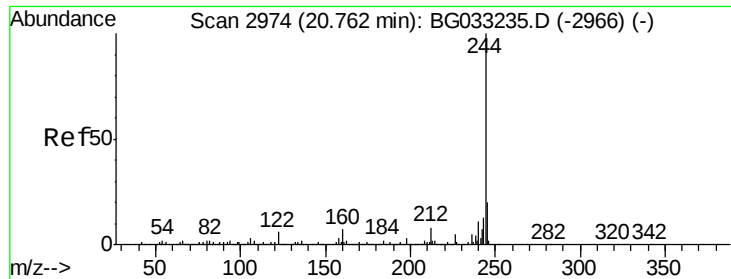
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



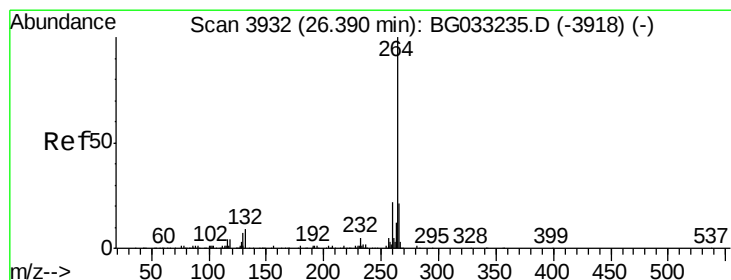
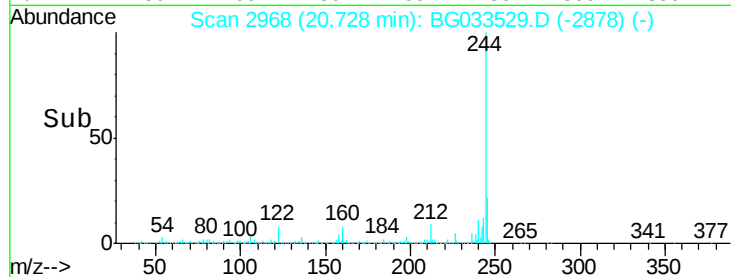
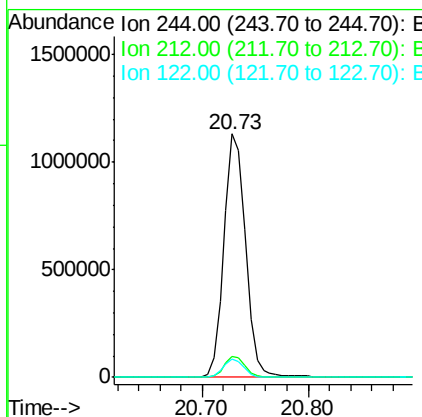
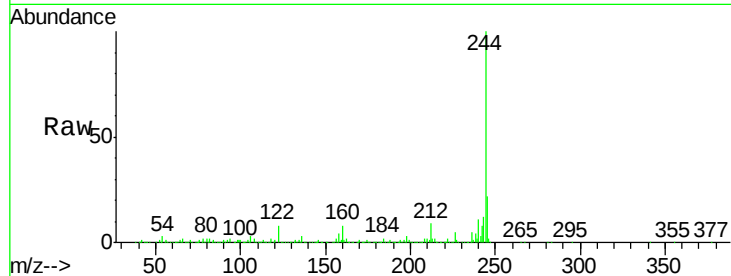
Time-->



#78
 Terphenyl-d14
 Concen: 109.805 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.00 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1613564
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 7.6 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. 0.01 min
 Lab File: BG033529.D
 Acq: 3 Apr 2018 17:13

Tgt Ion:264 Resp: 316593
 Ion Ratio Lower Upper
 264 100
 260 21.1 17.4 26.0
 265 21.9 17.7 26.5

