

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033804.D
 Acq On : 13 Apr 2018 19:59
 Operator : SJ/JU
 Sample : J2165-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:51:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

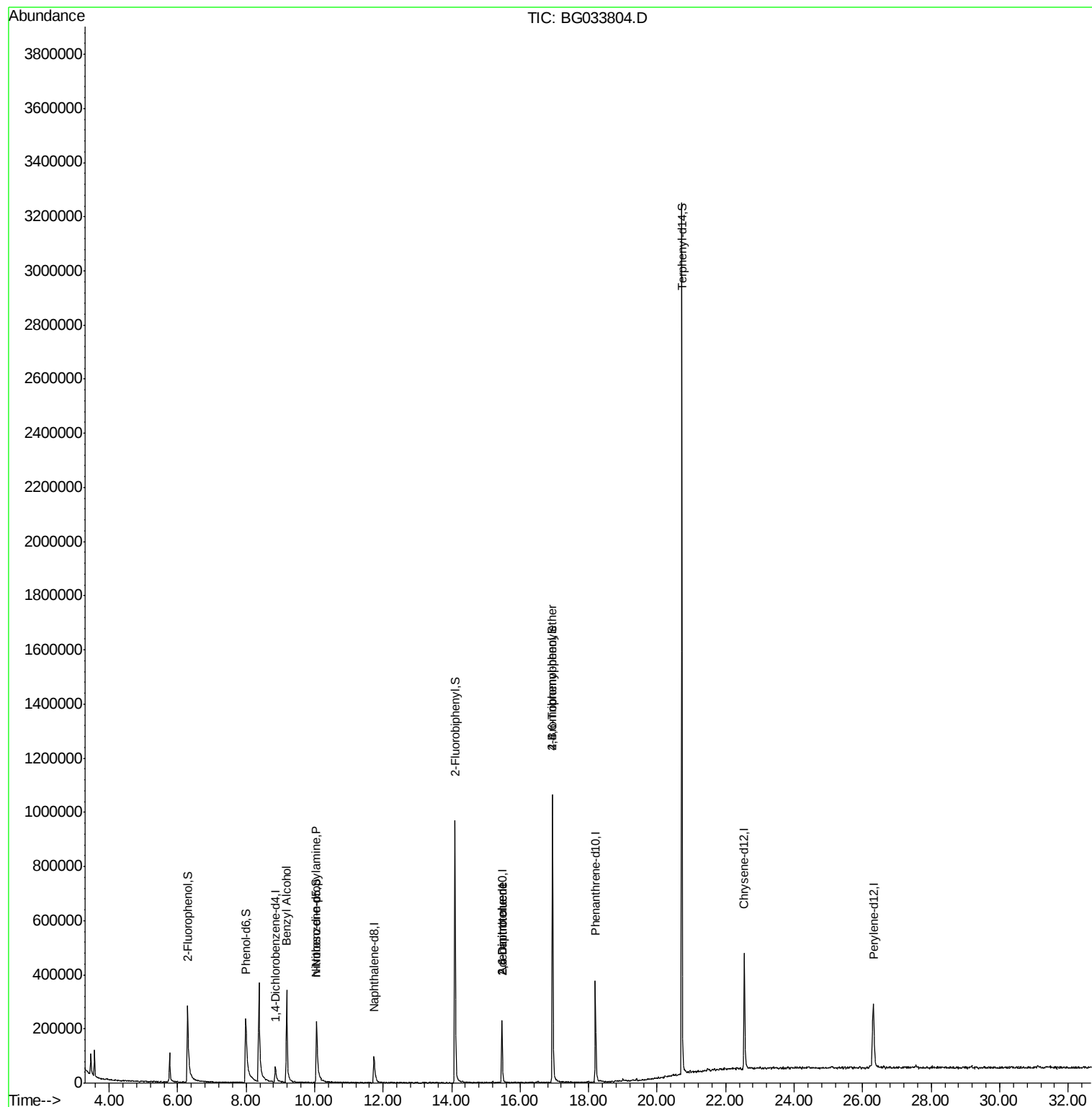
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	25005	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	117110	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	95423	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	285271	20.00	ng	0.00
75) Chrysene-d12	22.54	240	310892	20.00	ng	0.00
86) Perylene-d12	26.32	264	334433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	204875	153.64	ng	0.00
7) Phenol-d6	7.99	99	309171	134.94	ng	0.02
23) Nitrobenzene-d5	10.05	82	245488	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234146	164.06	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	614755	93.01	ng	0.00
78) Terphenyl-d14	20.72	244	1565141	107.67	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3703	2.053	ng	# 57
19) n-Nitroso-di-n-propylamine	10.06	70	33150	19.745	ng	# 81
50) 2,6-Dinitrotoluene	15.47	165	11941	7.032	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	11940	4.776	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	17503	5.224	ng	# 1

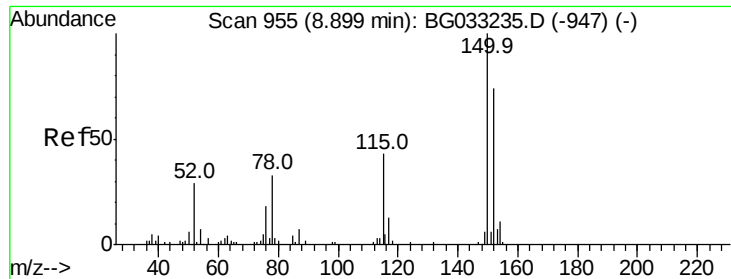
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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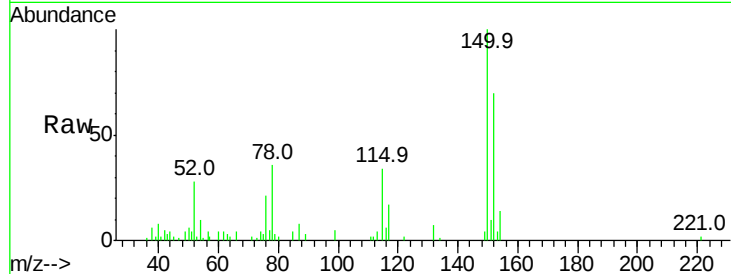


#1

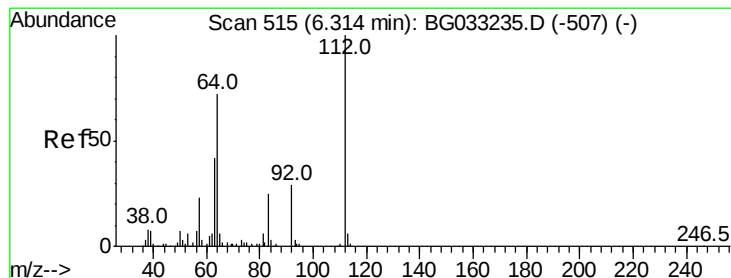
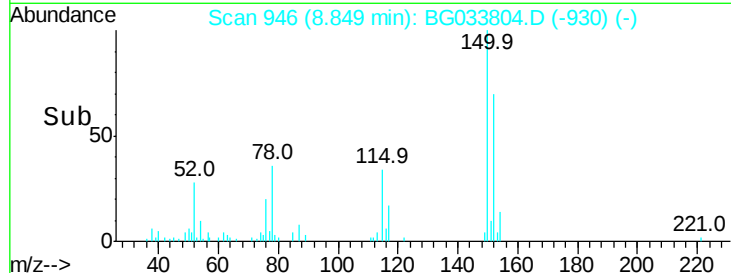
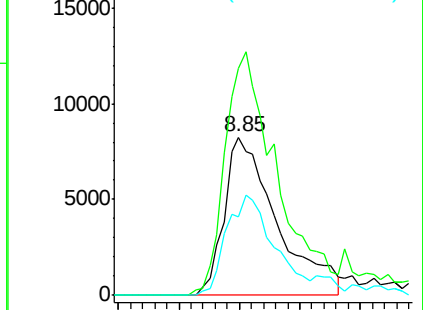
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	126.6	189.8
115	49.3	53.0	79.4



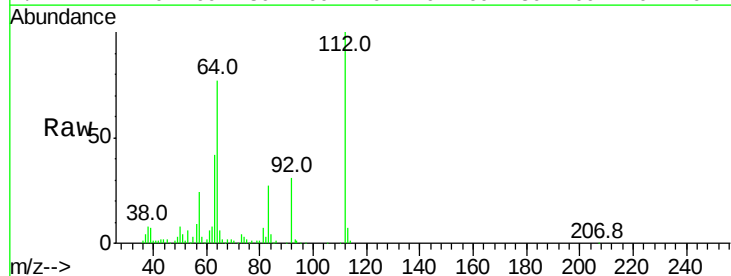
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



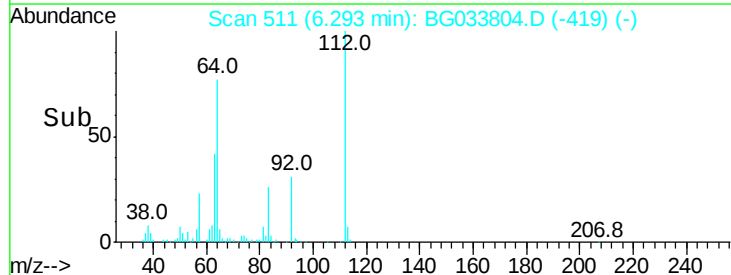
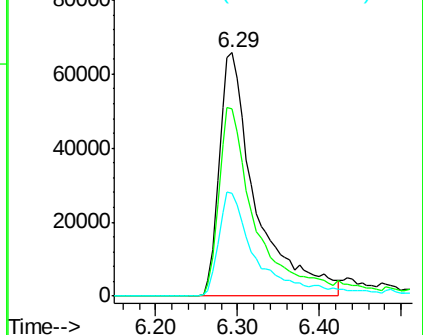
#5

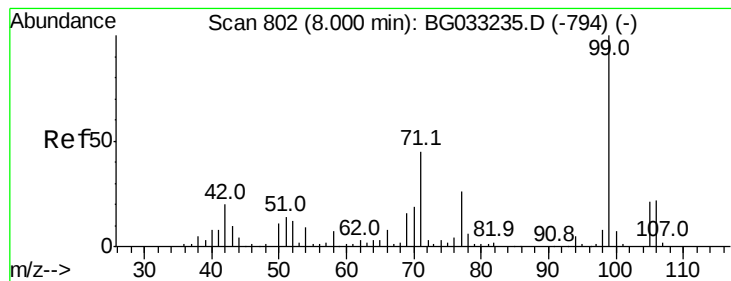
2-Fluorophenol
Concen: 153.635 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.0	56.3	84.5
63	42.1	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: 134.935 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Instrument :

BNA_G

ClientSampleId :

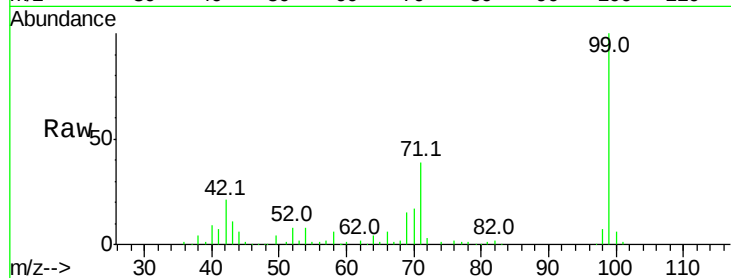
Tot Ion: 99 Resp: 309171

Ion Ratio Lower Upper

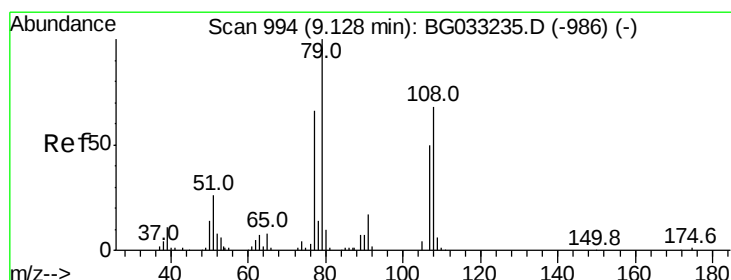
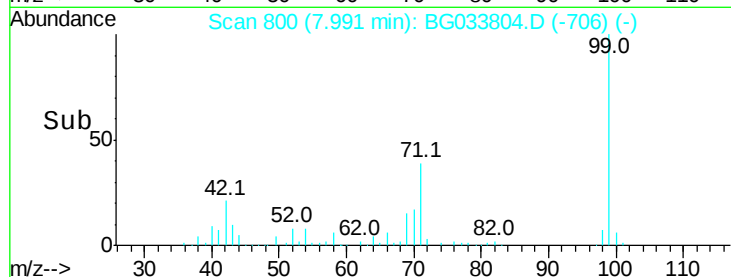
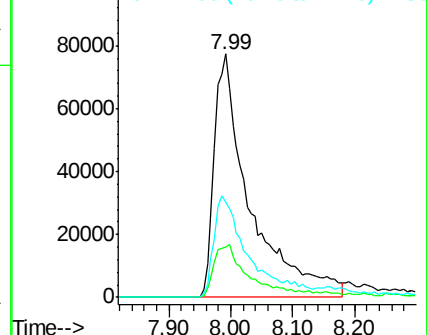
99 100

42 20.8 14.1 21.1

71 39.3 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: 2.053 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

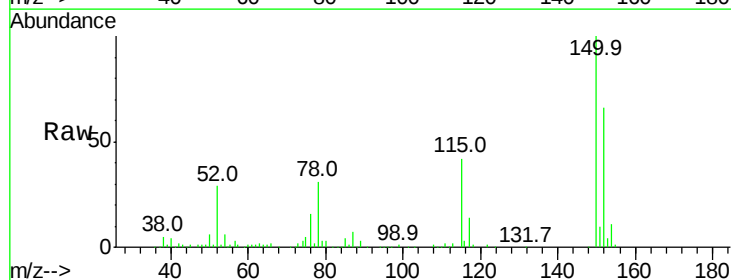
Tgt Ion: 79 Resp: 3703

Ion Ratio Lower Upper

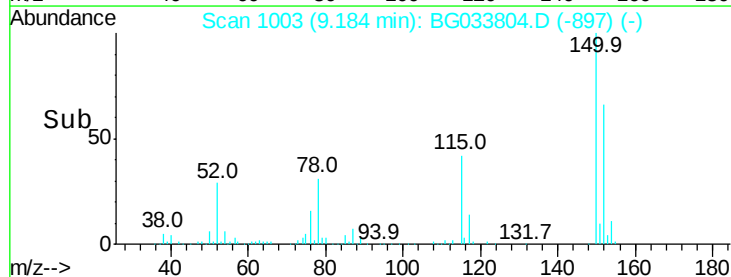
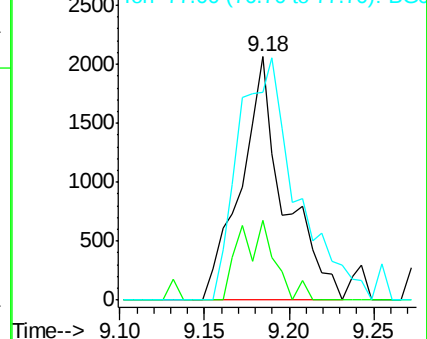
79 100

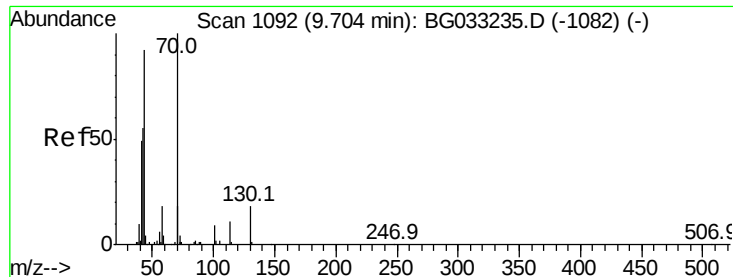
108 32.6 57.2 85.8#

77 85.2 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

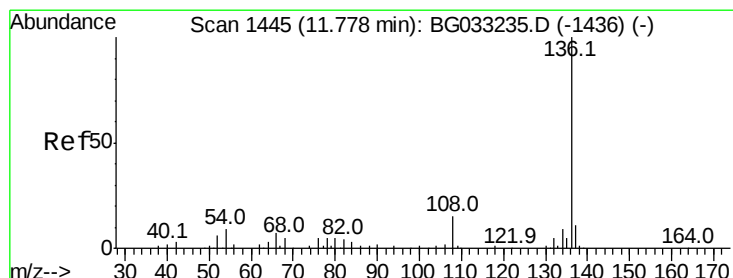
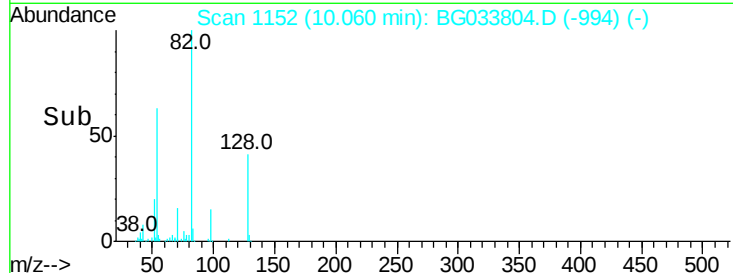
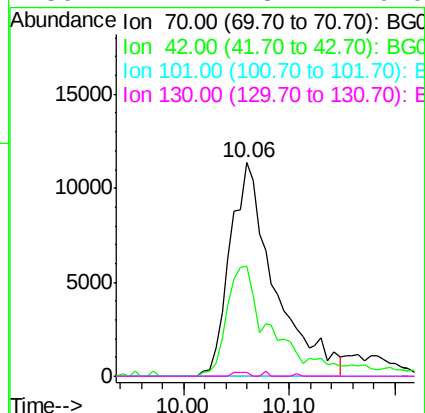
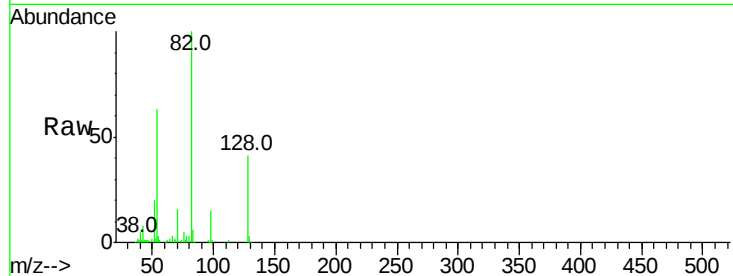




#19
n-Nitroso-di-n-propylamine
Concen: 19.745 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

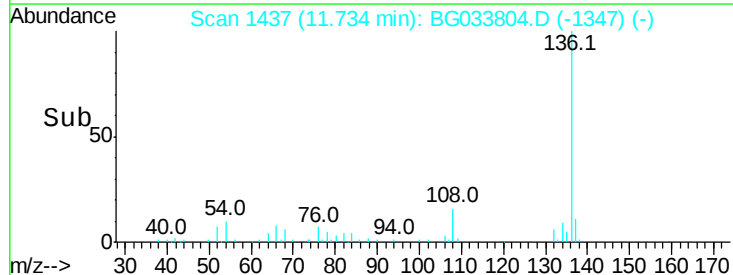
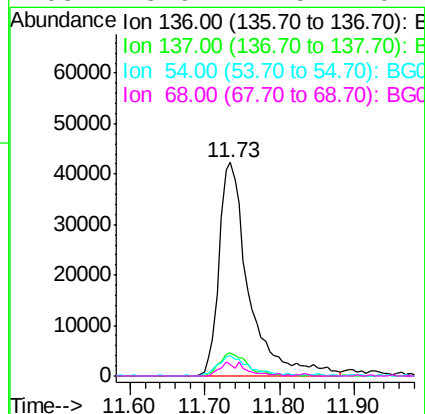
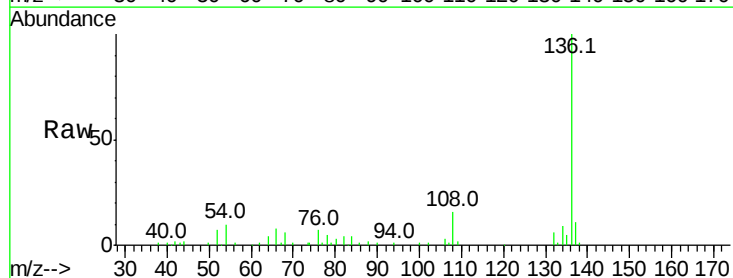
Instrument :
BNA_G
ClientSampleId :

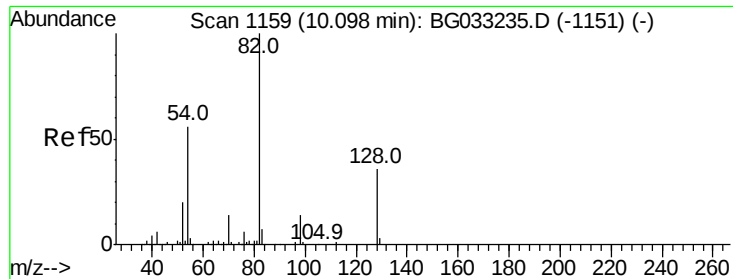
Tot Ion: 70 Resp: 33150
Ion Ratio Lower Upper
70 100
42 51.7 49.1 73.7
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

Tgt Ion: 136 Resp: 117110
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.7 10.3 15.5#
68 5.6 4.5 6.7



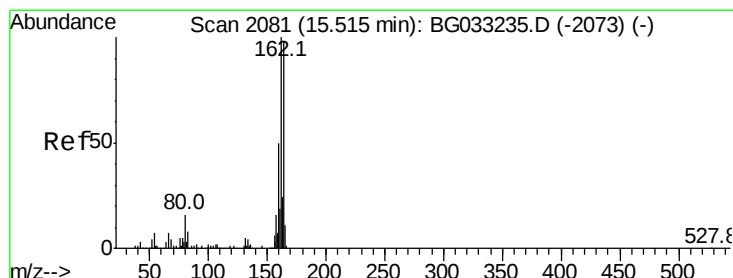
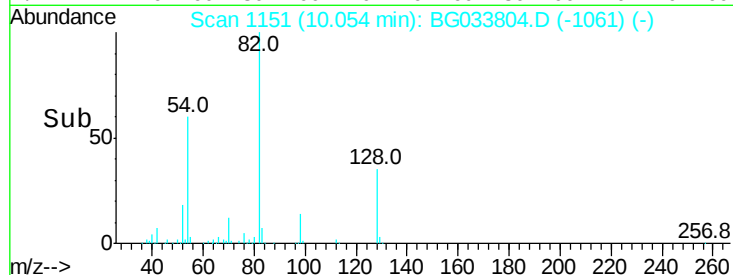
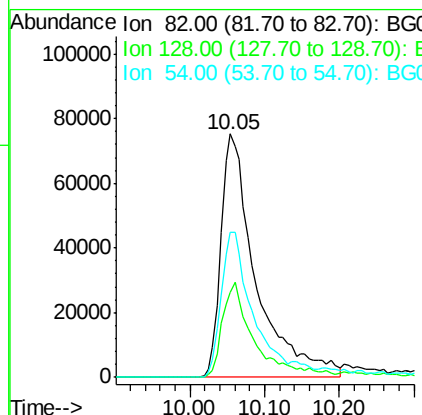
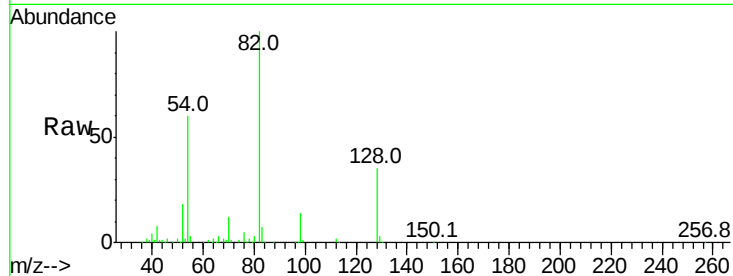


#23
 Nitrobenzene-d5
 Concen: 96.309 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 245488

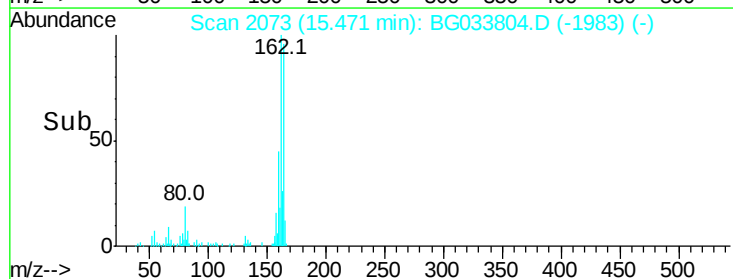
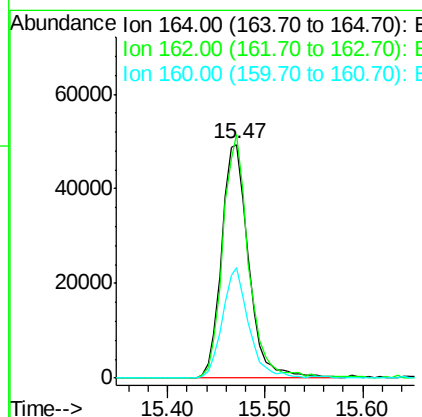
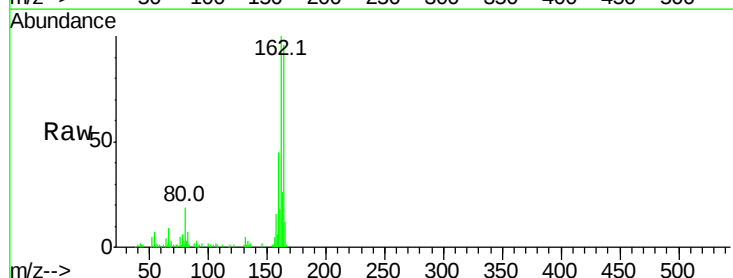
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	59.8	43.1	64.7

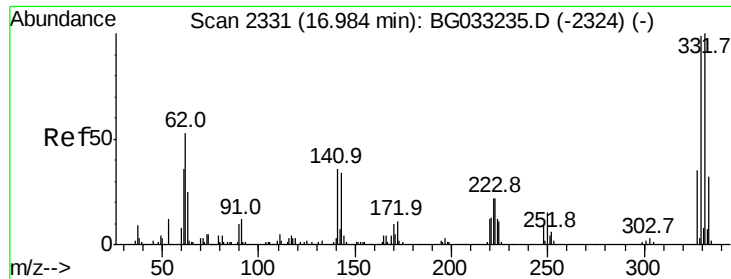


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Tgt Ion:164 Resp: 95423

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	47.2	35.4	53.0

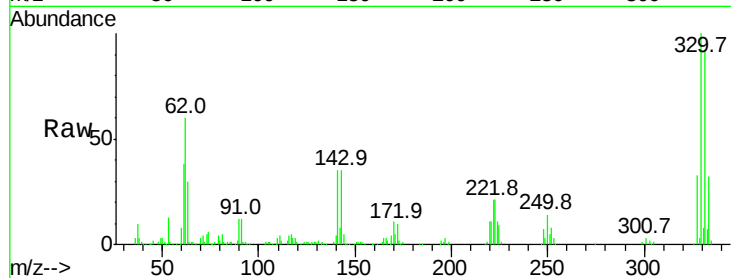




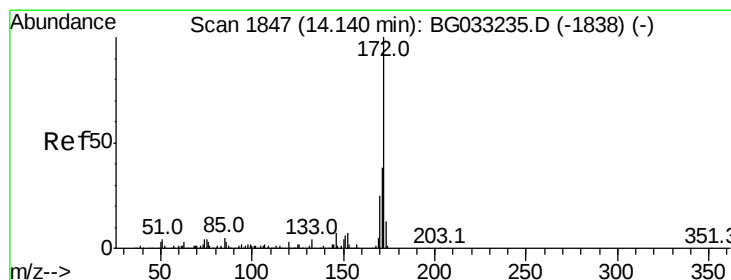
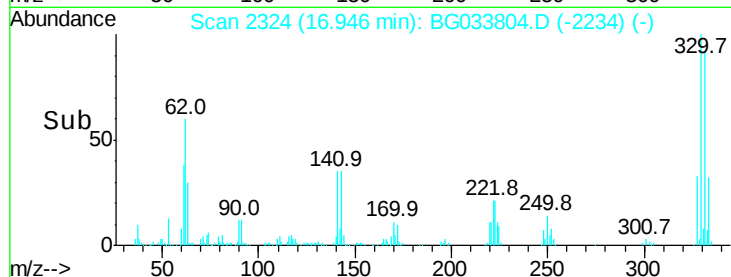
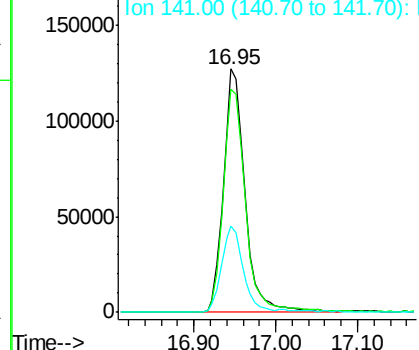
#41
 2,4,6-Tribromophenol
 Concen: 164.064 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	36.3	25.2	37.8

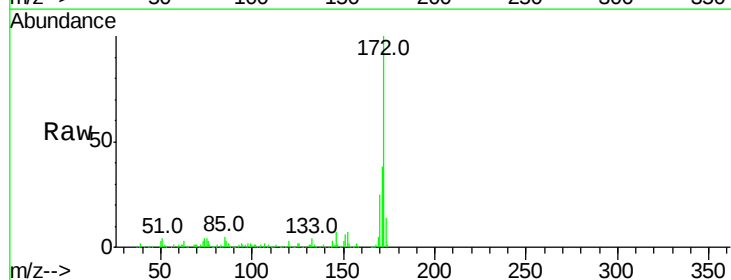


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

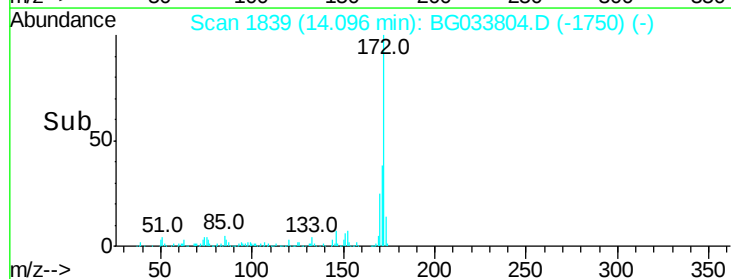
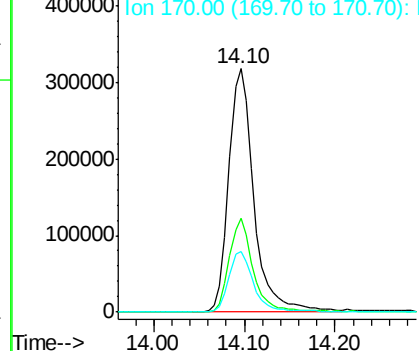


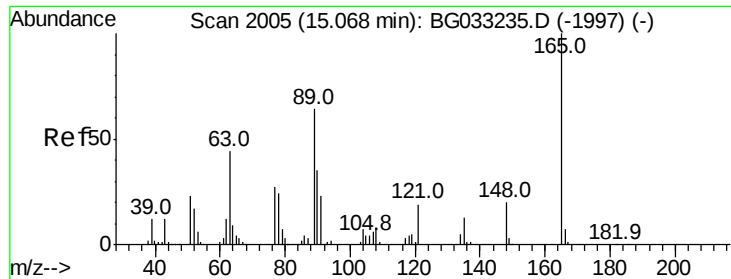
#44
 2-Fluorobiphenyl
 Concen: 93.005 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	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

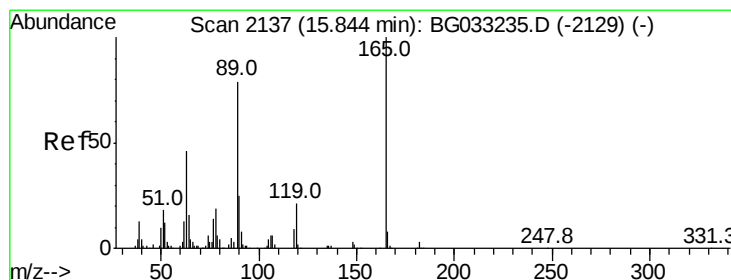
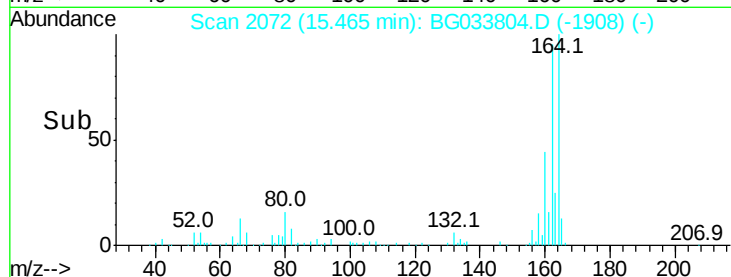
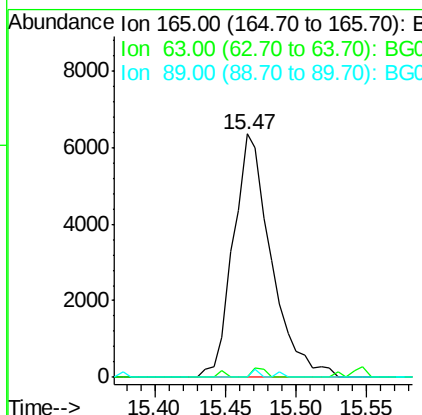
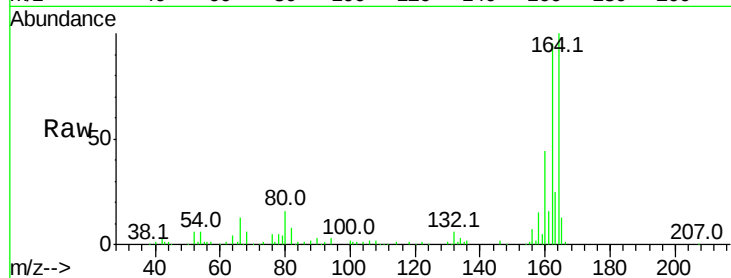




#50
 2,6-Dinitrotoluene
 Concen: 7.032 ng
 RT: 15.47 min Scan# 2072
 Delta R.T. 0.43 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

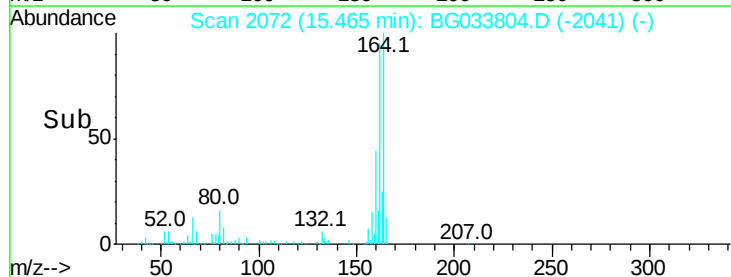
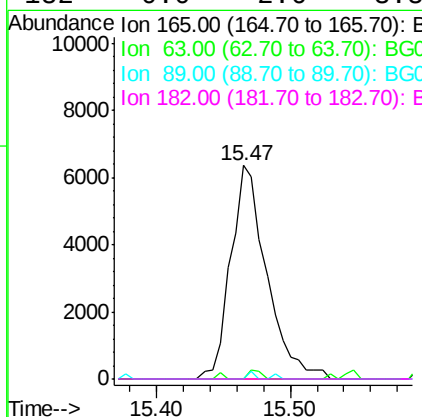
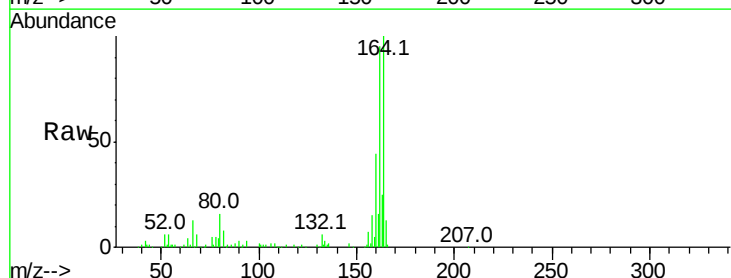
Instrument :
 BNA_G
 ClientSampleId :

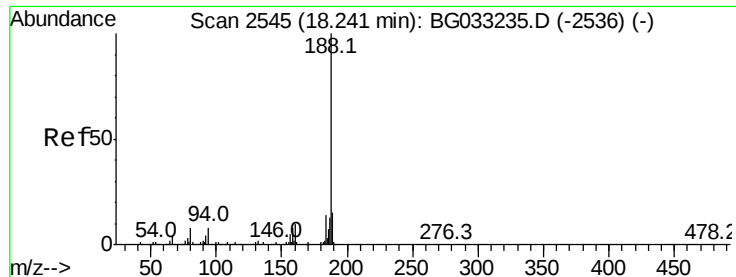
Tot Ion:165 Resp: 11941
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.776 ng
 RT: 15.47 min Scan# 2072
 Delta R.T. -0.35 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Tgt Ion:165 Resp: 11940
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

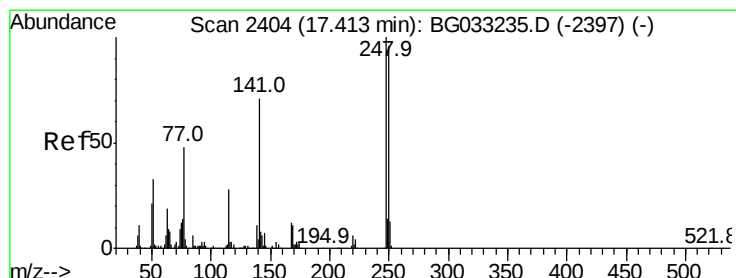
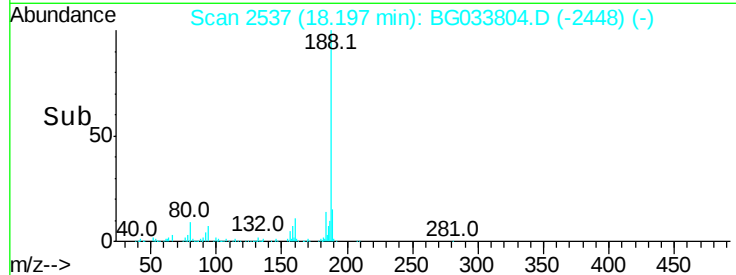
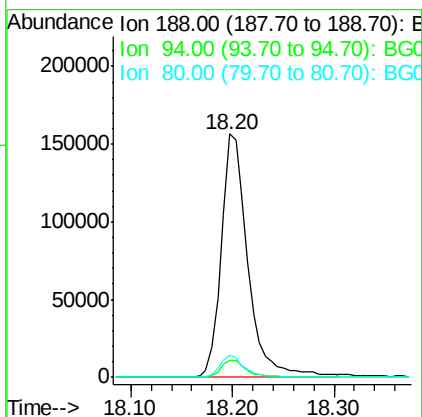
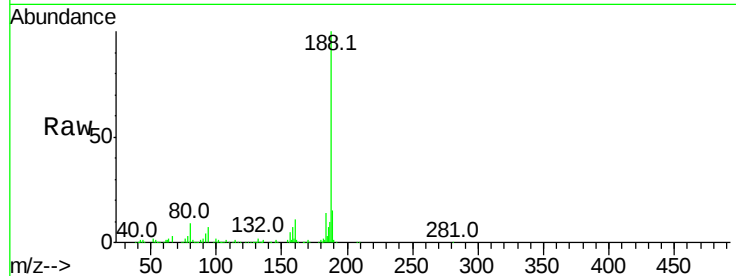




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

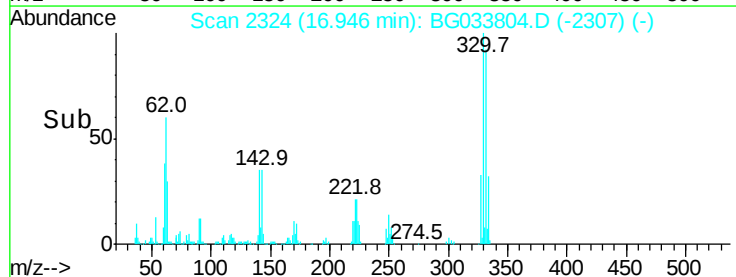
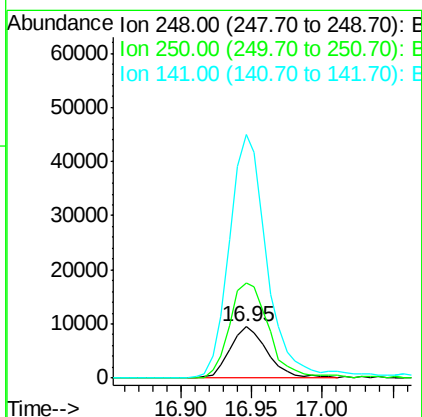
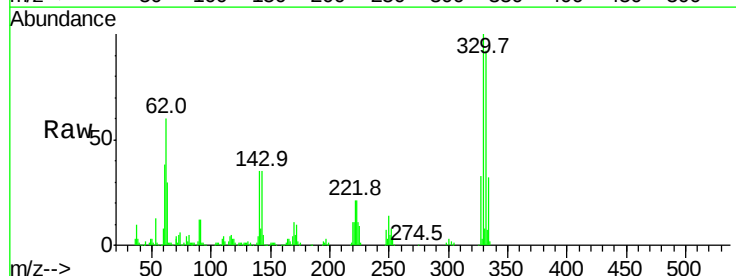
Instrument :
 BNA_G
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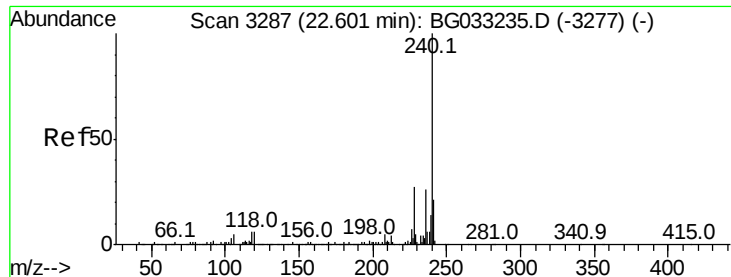
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	9.0	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 5.224 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033804.D
 Acq: 13 Apr 2018 19:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	184.9	77.1	115.7#
141	473.6	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

Instrument :

BNA_G

ClientSampleId :

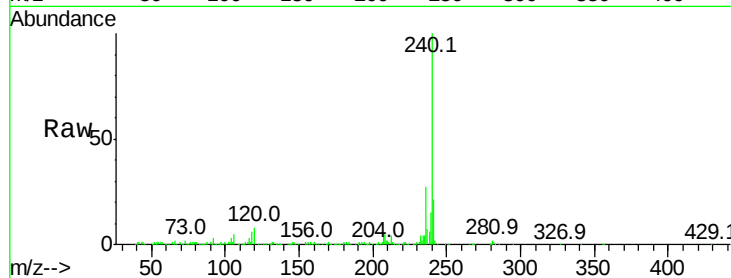
Tot Ion:240 Resp: 310892

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

236 27.1 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

200000

150000

100000

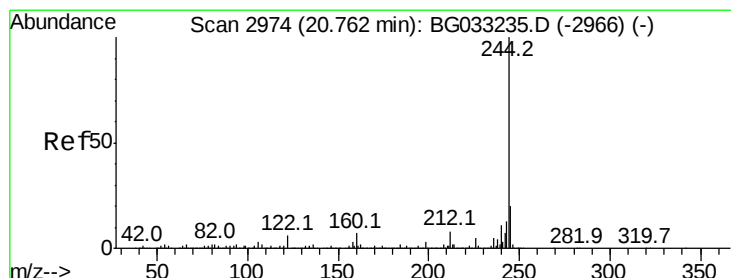
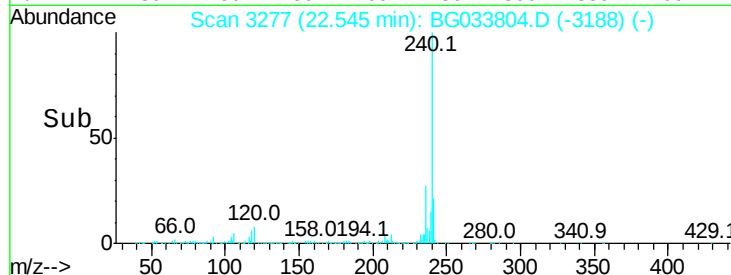
50000

0

22.54

22.50 22.60 22.70

Time-->



#78

Terphenyl-d14

Concen: 107.665 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033804.D

Acq: 13 Apr 2018 19:59

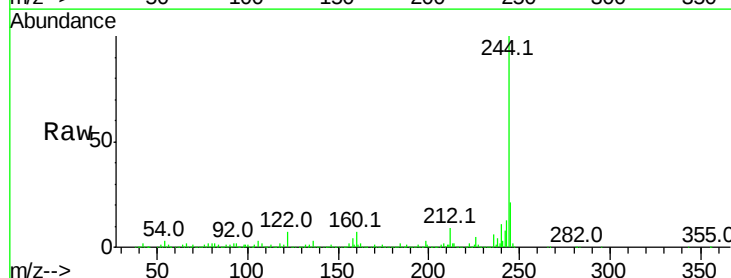
Tgt Ion:244 Resp: 1565141

Ion Ratio Lower Upper

244 100

212 9.0 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

1500000

1000000

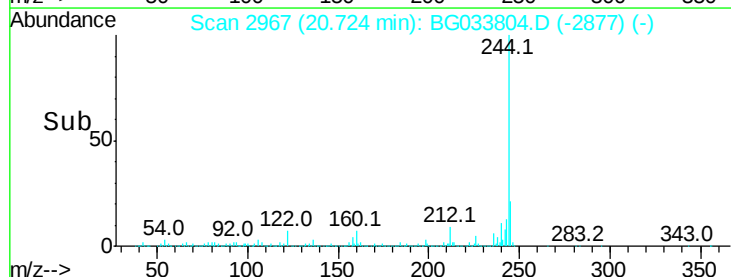
500000

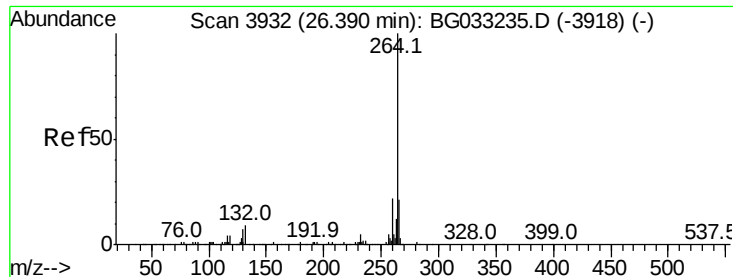
0

20.72

20.60 20.70 20.80 20.90

Time-->

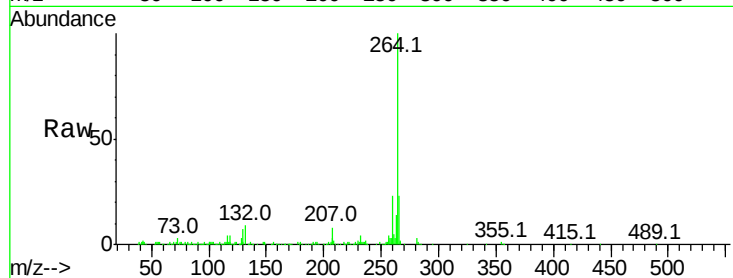




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BG033804.D
Acq: 13 Apr 2018 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	23.1	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

