

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032045.D
 Acq On : 15 Jan 2018 23:14
 Operator : SJ/JU
 Sample : J1118-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 01:32:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

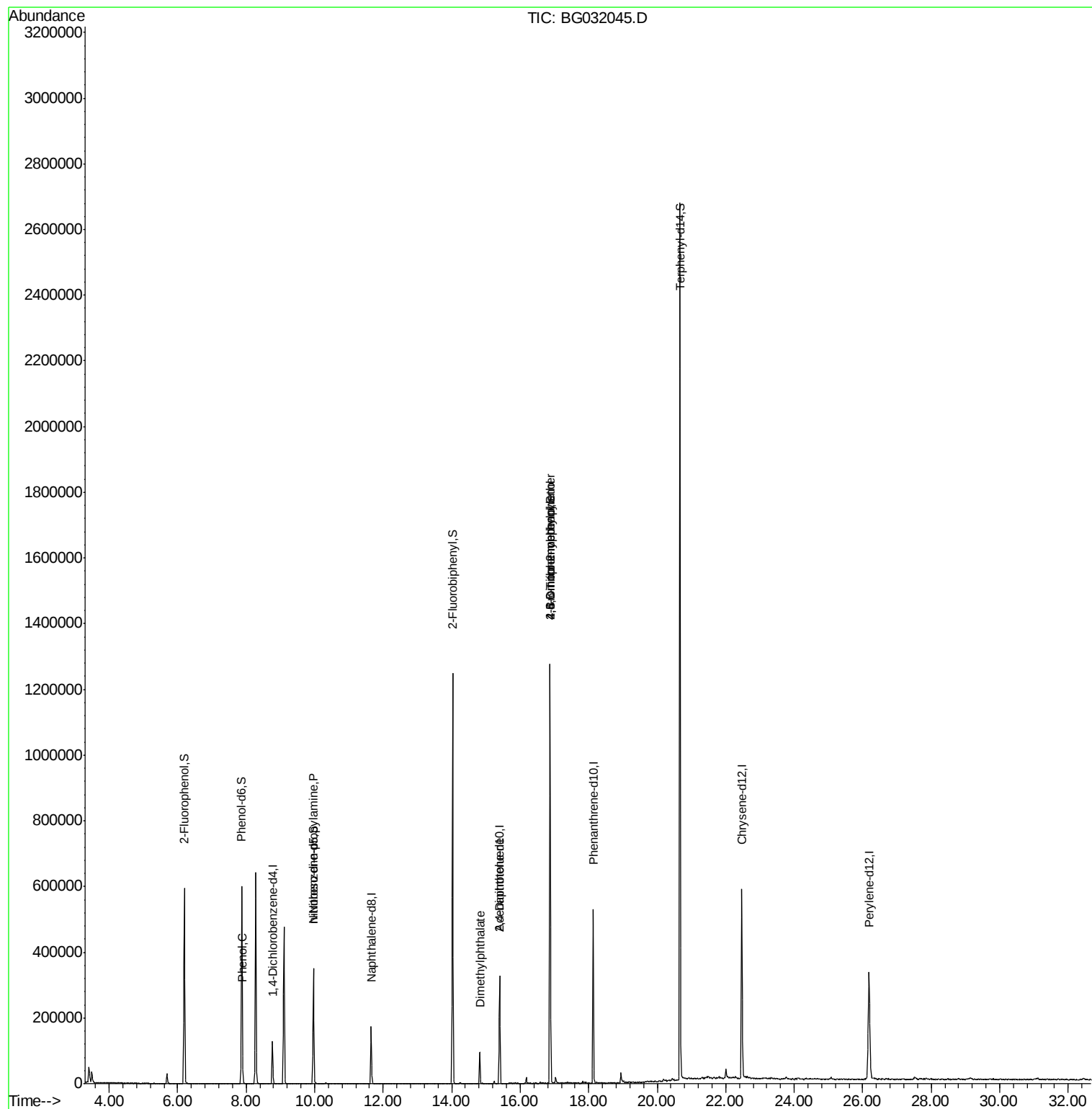
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	43125	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	174628	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	125166	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	353471	20.00	ng	0.00
75) Chrysene-d12	22.47	240	444560	20.00	ng	-0.01
86) Perylene-d12	26.19	264	456703	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	305316	129.48	ng	0.00
7) Phenol-d6	7.87	99	392891	132.30	ng	0.00
23) Nitrobenzene-d5	9.96	82	225963	87.54	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	291693	140.83	ng	0.00
44) 2-Fluorobiphenyl	14.02	172	746543	73.96	ng	0.00
78) Terphenyl-d14	20.66	244	1502959	74.65	ng	0.00
Target Compounds						
10) Phenol	7.90	94	11224	3.837	ng	89
19) n-Nitroso-di-n-propylamine	9.96	70	29918	16.237	ng	# 72
49) Dimethylphthalate	14.82	163	76368	6.972	ng	96
56) 2,4-Dinitrotoluene	15.40	165	16669	5.446	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.87	198	780	5.194	ng	# 56
66) 4-Bromophenyl-phenylether	16.87	248	24719	4.915	ng	# 1

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

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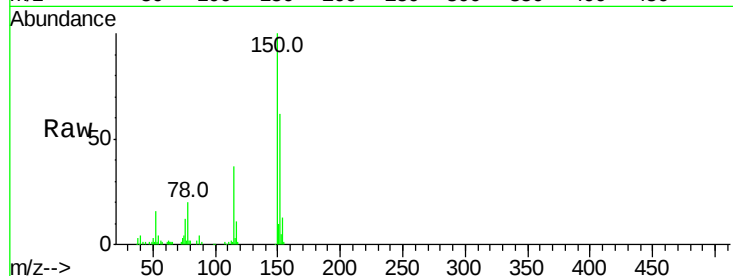


#1

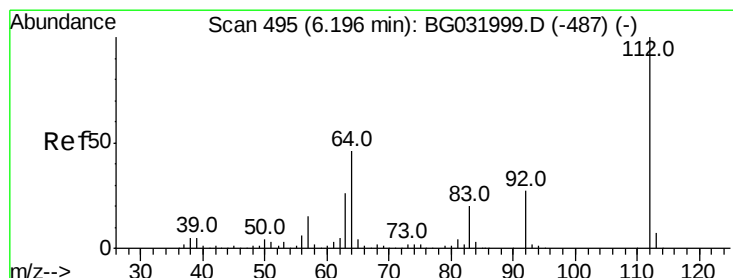
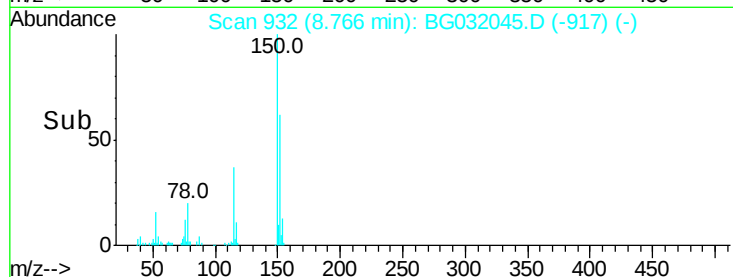
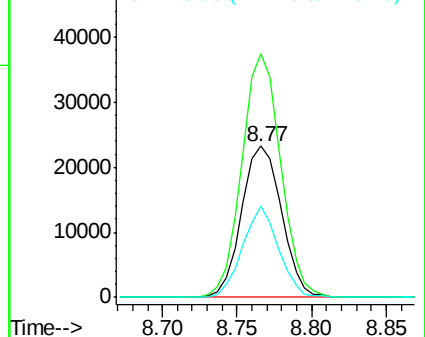
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43125
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 60.4 53.0 79.4



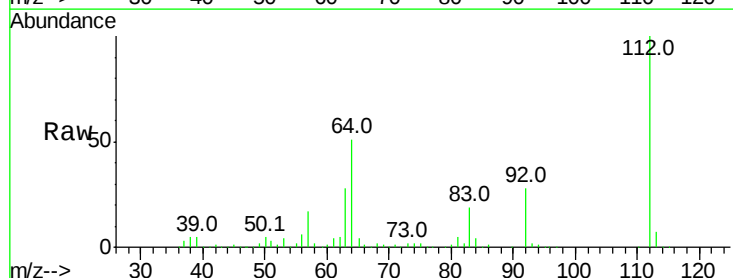
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



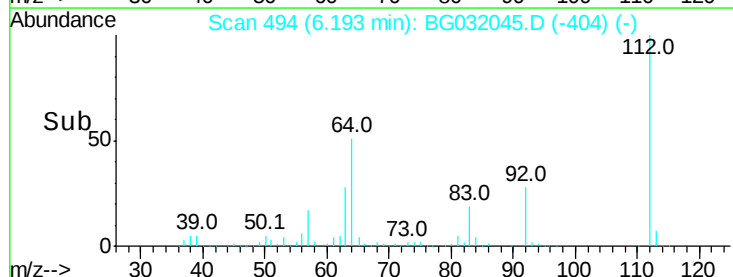
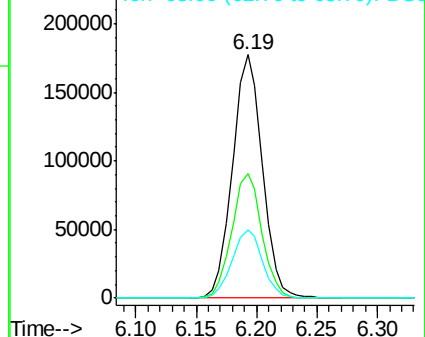
#5

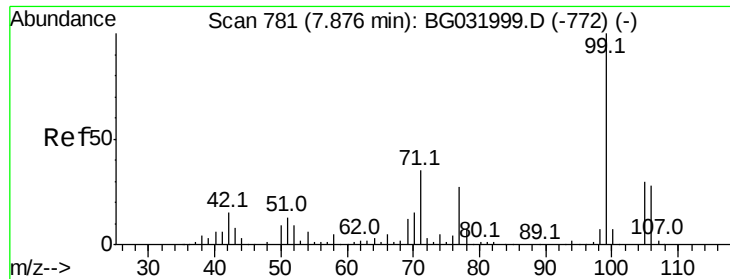
2-Fluorophenol
Concen: 129.485 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Tgt Ion:112 Resp: 305316
Ion Ratio Lower Upper
112 100
64 51.0 56.3 84.5#
63 28.0 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: 132.301 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

Instrument :

BNA_G

ClientSampled :

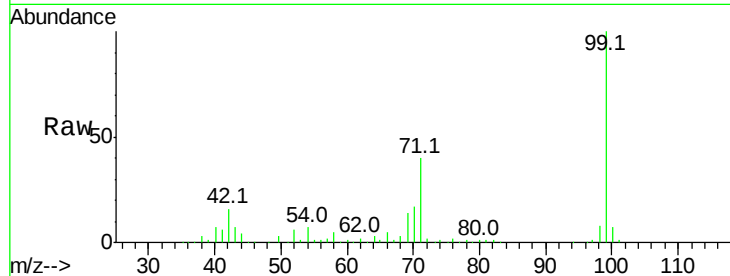
Tot Ion: 99 Resp: 392891

Ion Ratio Lower Upper

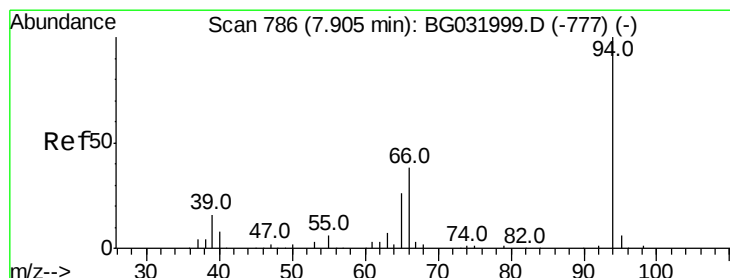
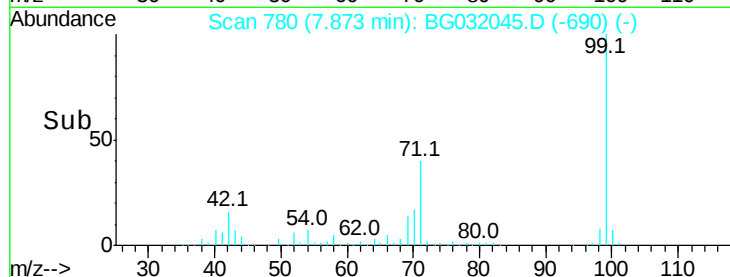
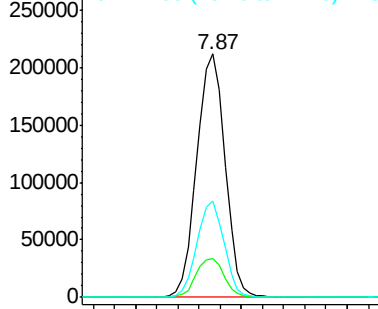
99 100

42 15.9 14.1 21.1

71 39.8 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



#10

Phenol

Concen: 3.837 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.01 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

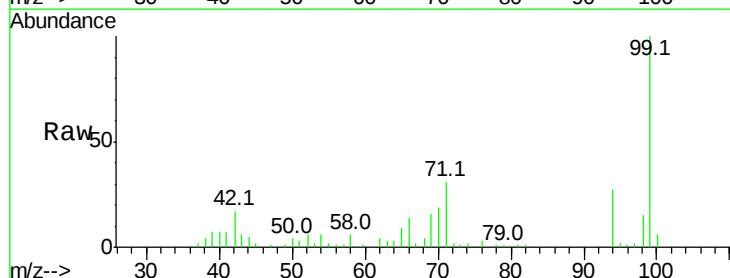
Tgt Ion: 94 Resp: 11224

Ion Ratio Lower Upper

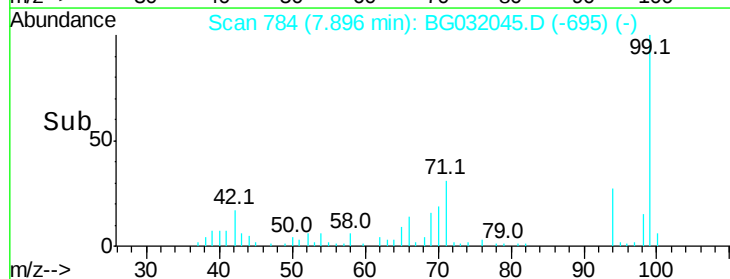
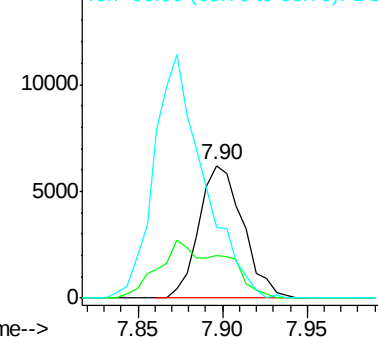
94 100

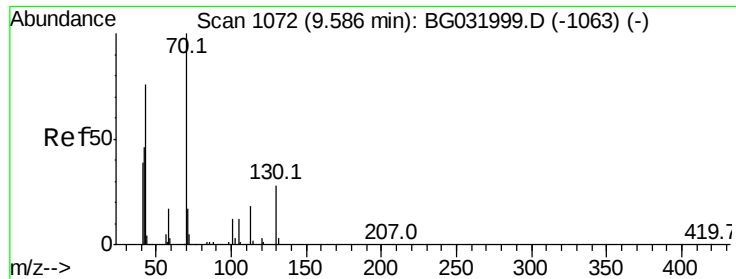
65 32.4 11.9 51.9

66 53.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

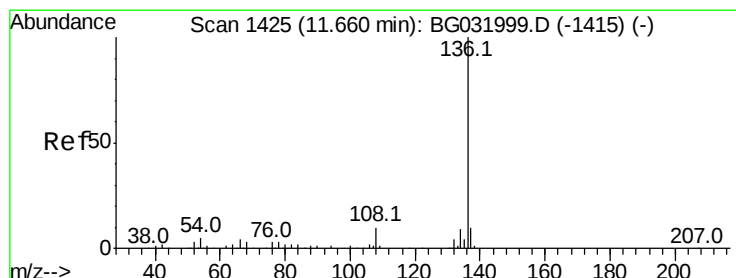
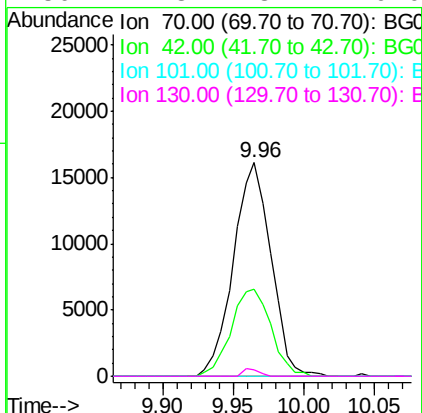
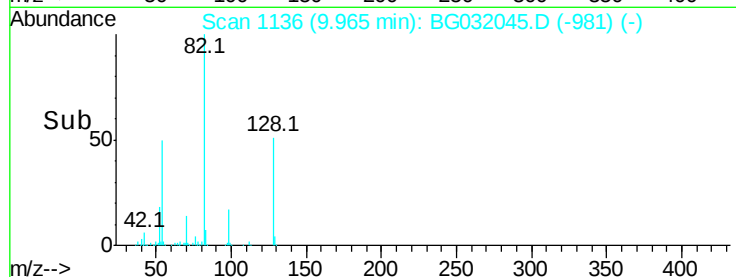
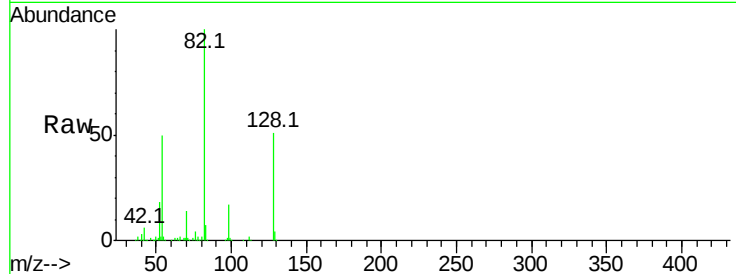




#19
n-Nitroso-di-n-propylamine
Concen: 16.237 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

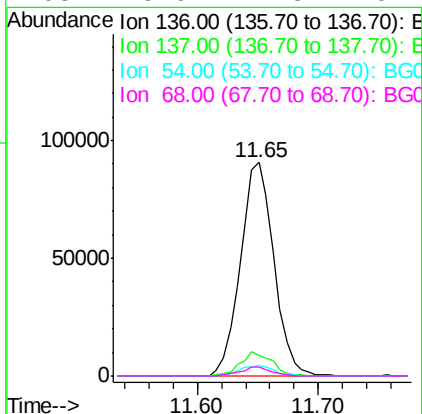
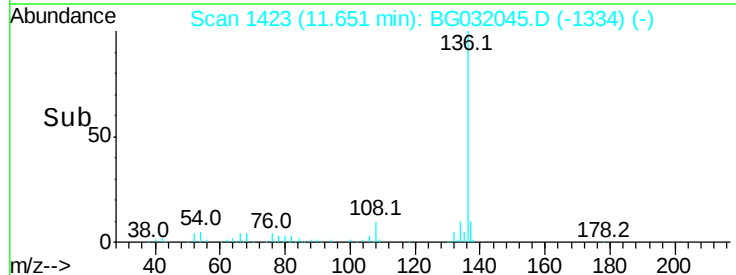
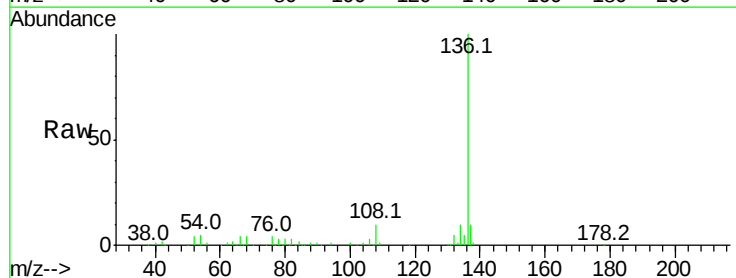
Instrument :
BNA_G
ClientSampleId :

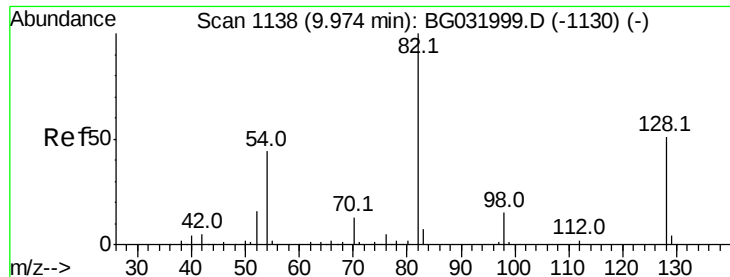
Tot Ion:	70	Resp:	29918
Ion	Ratio	Lower	Upper
70	100		
42	40.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.8	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Tgt Ion:	136	Resp:	174628
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	5.1	10.3	15.5#
68	3.9	4.5	6.7#

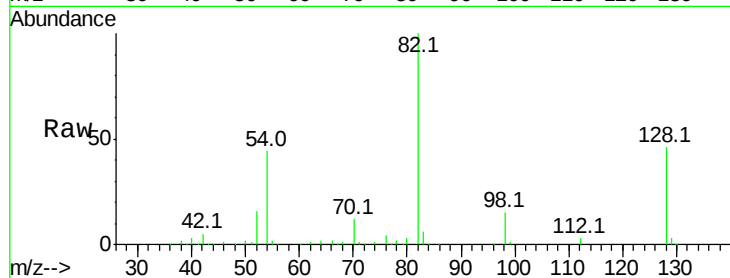




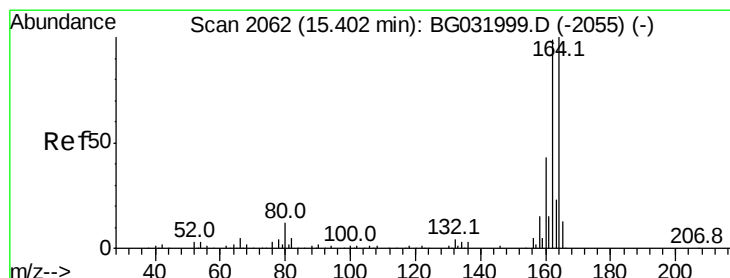
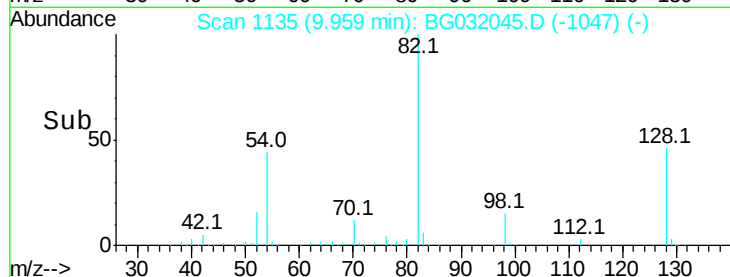
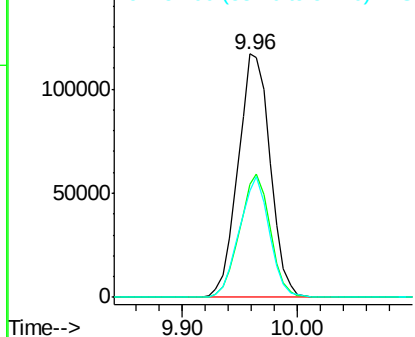
#23
Nitrobenzene-d5
Concen: 87.542 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 225963
Ion Ratio Lower Upper
82 100
128 46.2 29.7 44.5#
54 43.6 43.1 64.7

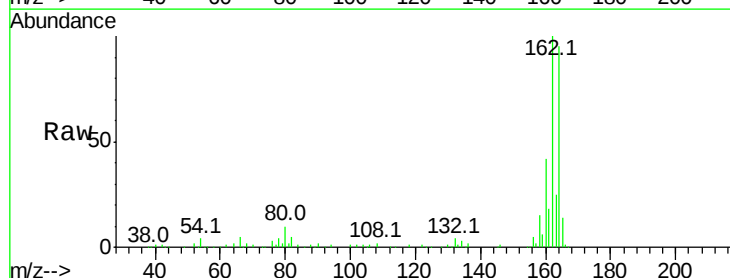


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

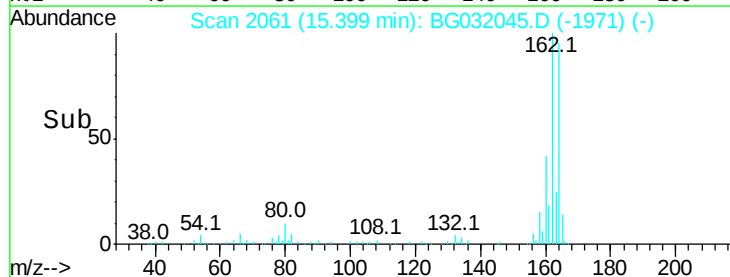
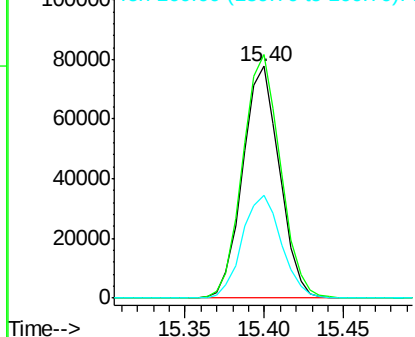


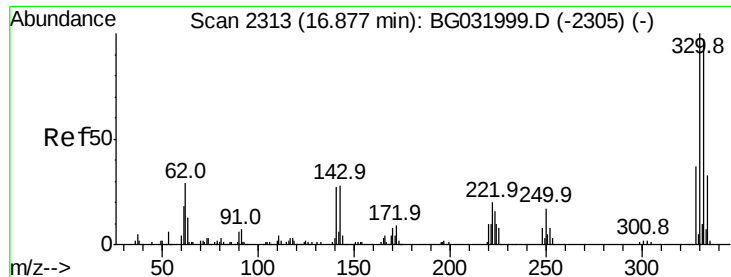
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Tgt Ion:164 Resp: 125166
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 44.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

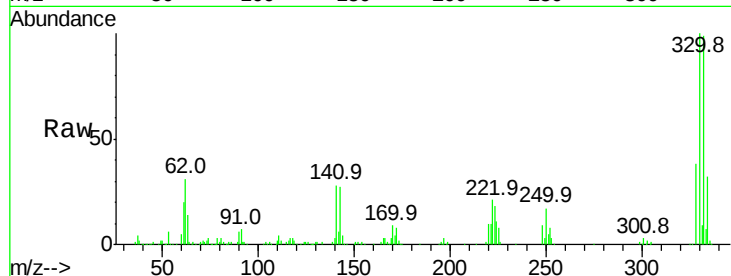




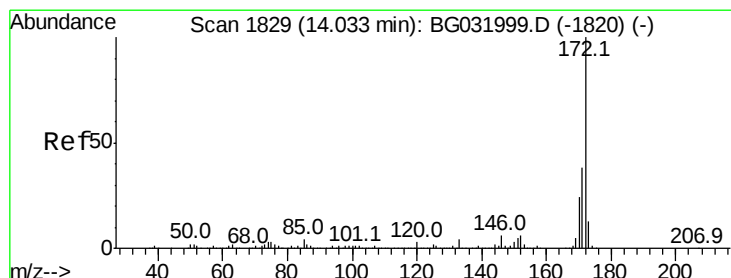
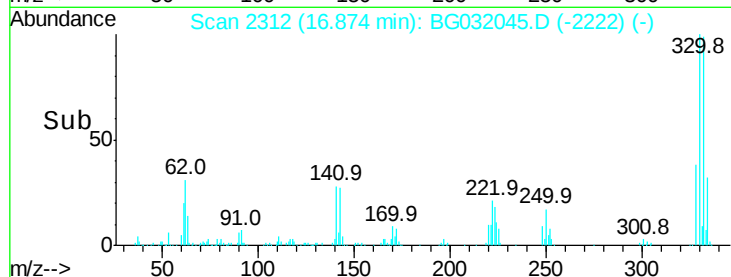
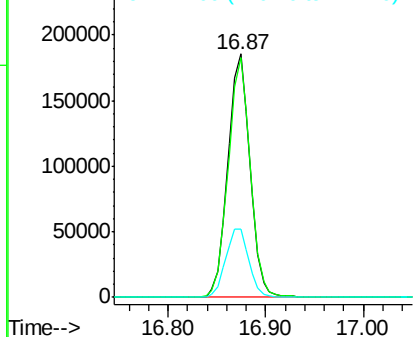
#41
 2,4,6-Tribromophenol
 Concen: 140.833 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BG032045.D
 Acq: 15 Jan 2018 23:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	29.3	25.2	37.8

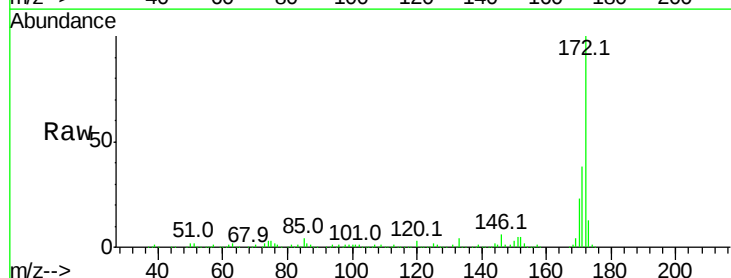


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

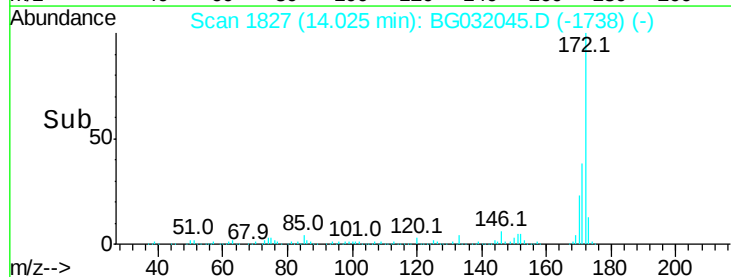
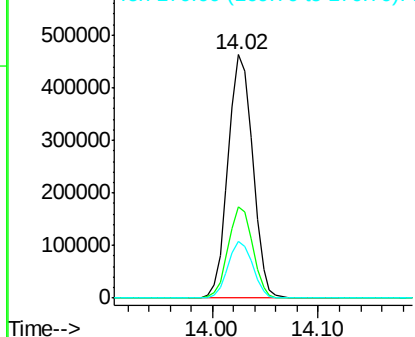


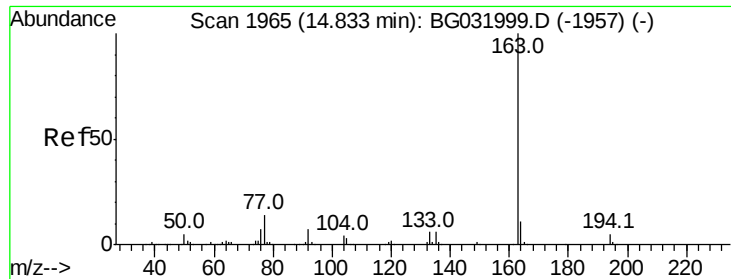
#44
 2-Fluorobiphenyl
 Concen: 73.956 ng
 RT: 14.02 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG032045.D
 Acq: 15 Jan 2018 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.3	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





#49

Dimethylphthalate

Concen: 6.972 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

Instrument :

BNA_G

ClientSampleId :

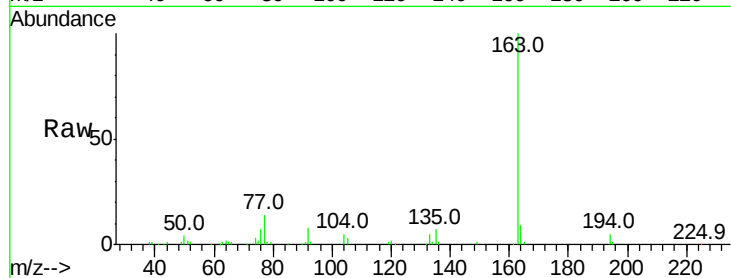
Tot Ion:163 Resp: 76368

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

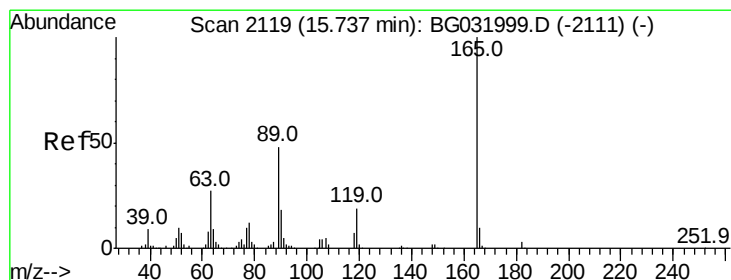
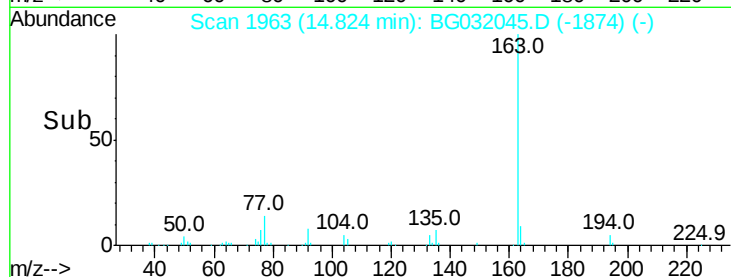
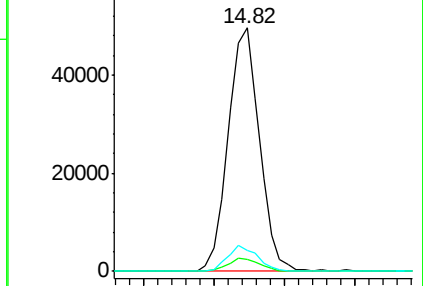
164 8.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.446 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.34 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

Tgt Ion:165 Resp: 16669

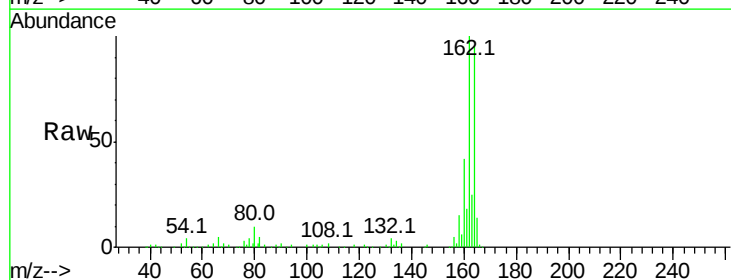
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.3 66.9 100.3#

182 0.0 2.6 3.8#

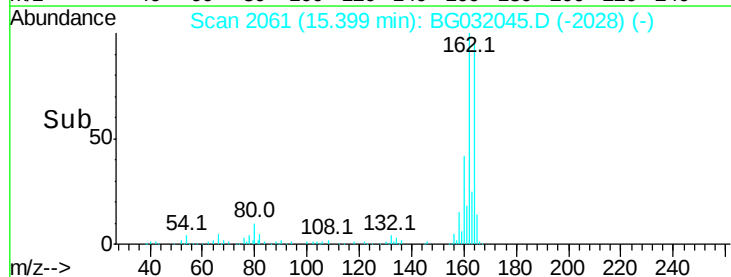
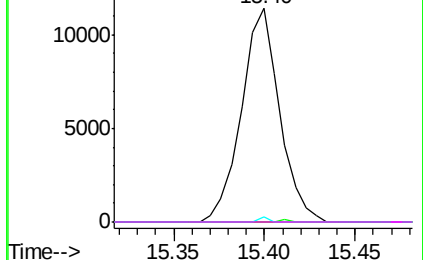


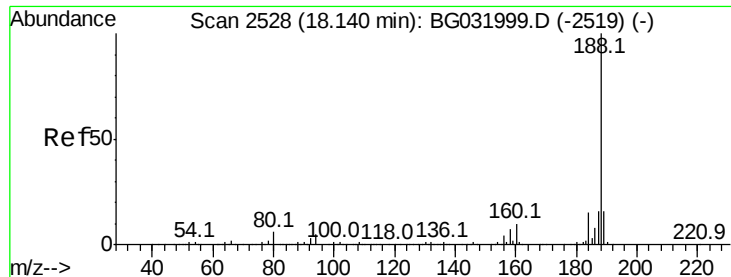
Abundance Ion 165.00 (164.70 to 165.70): E

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: 18.13 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

Instrument :

BNA_G

ClientSampleId :

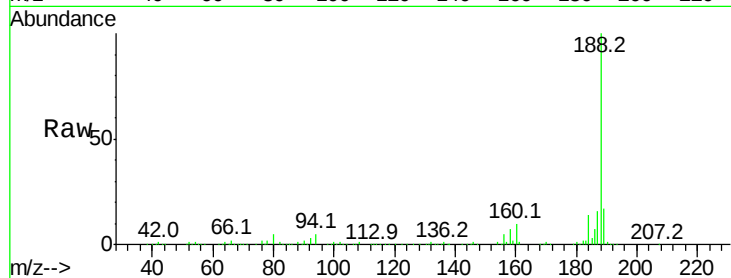
Tot Ion:188 Resp: 353471

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

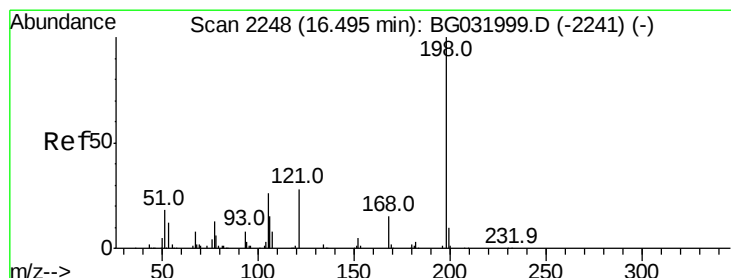
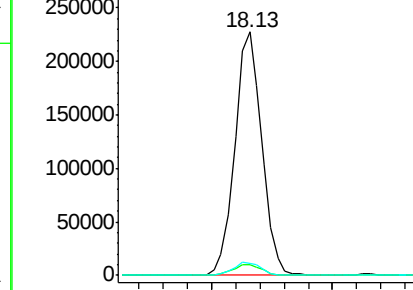
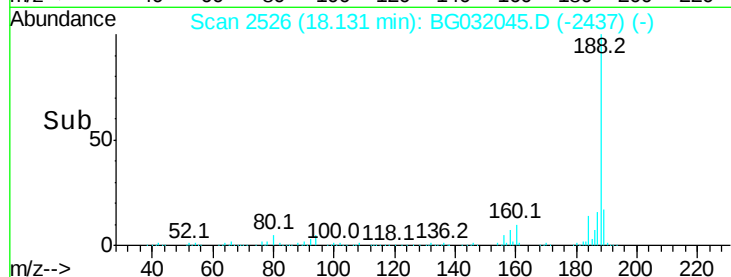
80 5.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 5.194 ng

RT: 16.87 min Scan# 2312

Delta R.T. 0.38 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

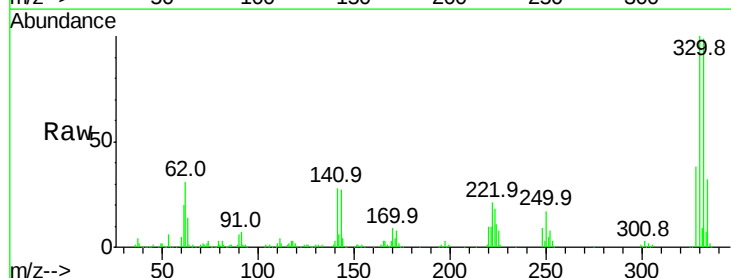
Tgt Ion:198 Resp: 780

Ion Ratio Lower Upper

198 100

51 68.5 30.6 70.6

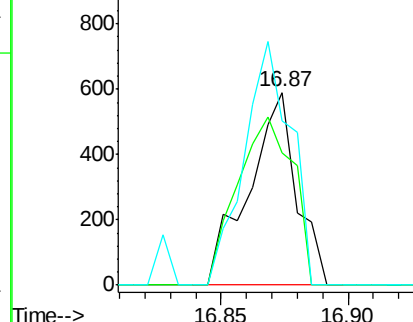
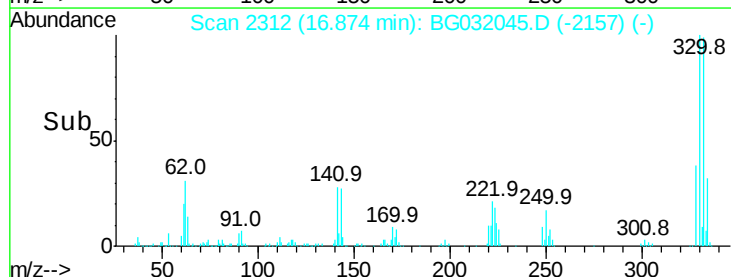
105 85.6 23.8 63.8#

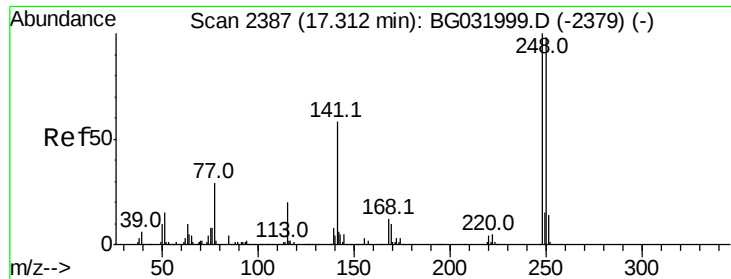


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

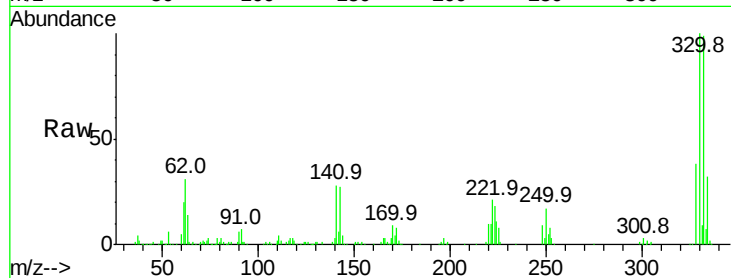




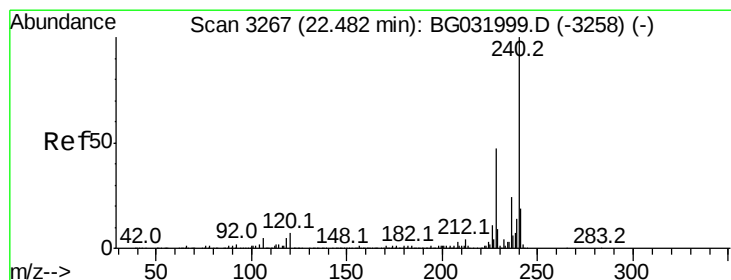
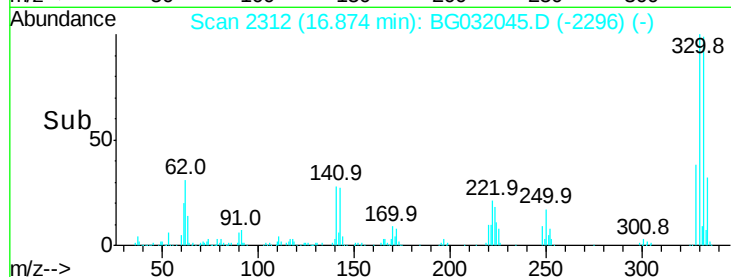
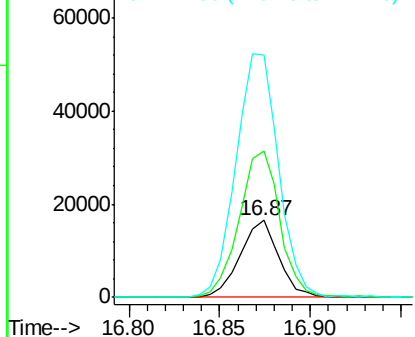
#66
4-Bromophenyl-phenylether
Concen: 4.915 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 24719
Ion Ratio Lower Upper
248 100
250 190.3 77.1 115.7#
141 316.3 50.8 76.2#

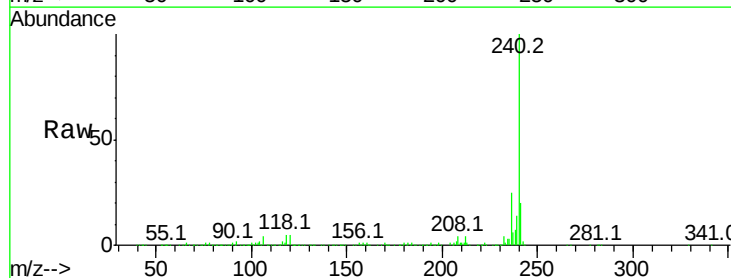


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

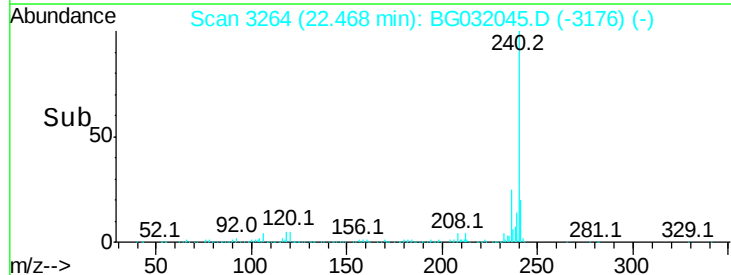
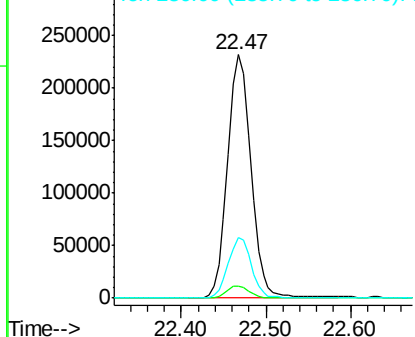


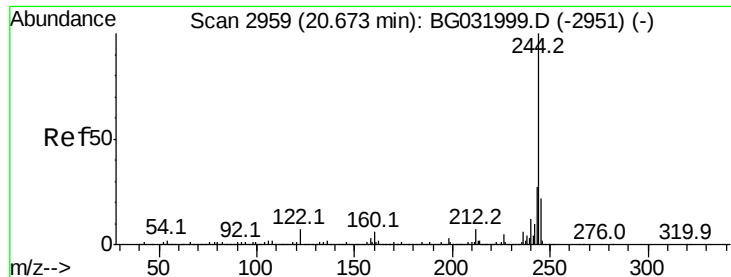
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BG032045.D
Acq: 15 Jan 2018 23:14

Tgt Ion:240 Resp: 444560
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.1 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





#78

Terphenyl-d14

Concen: 74.649 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

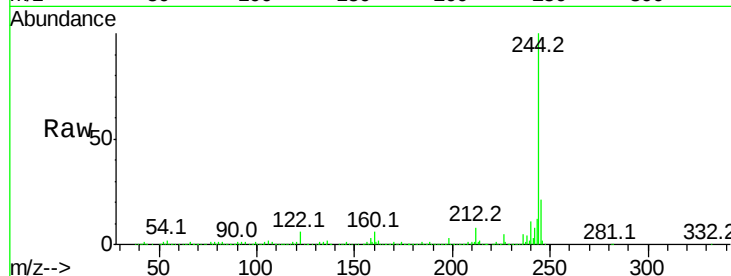
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1502959

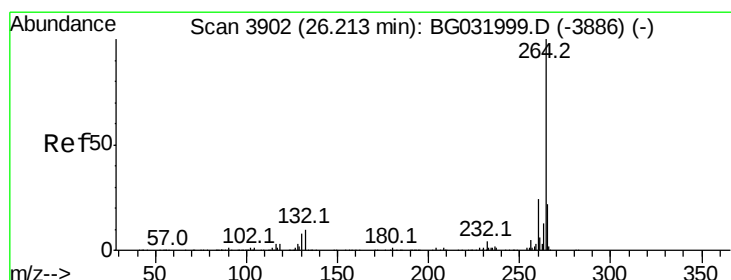
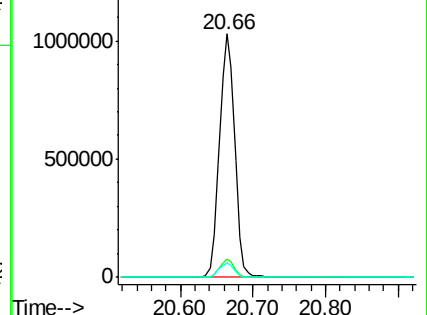
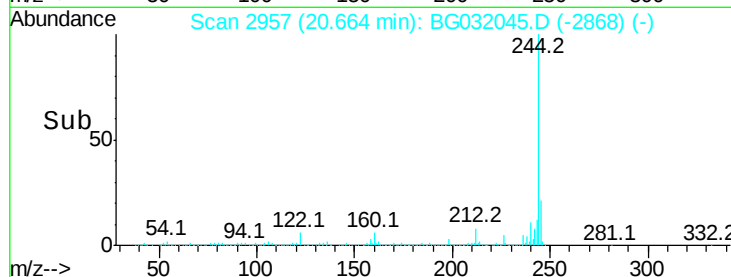
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.2	7.0	10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.19 min Scan# 3897

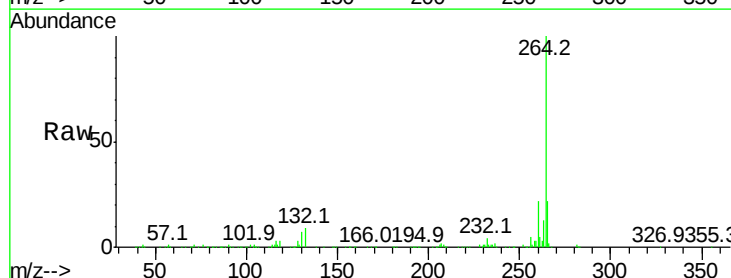
Delta R.T. -0.03 min

Lab File: BG032045.D

Acq: 15 Jan 2018 23:14

Tgt Ion:264 Resp: 456703

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	22.0	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

