

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031888.D
 Acq On : 3 Jan 2018 13:29
 Operator : SJ/JU
 Sample : I7102-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 15:28:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

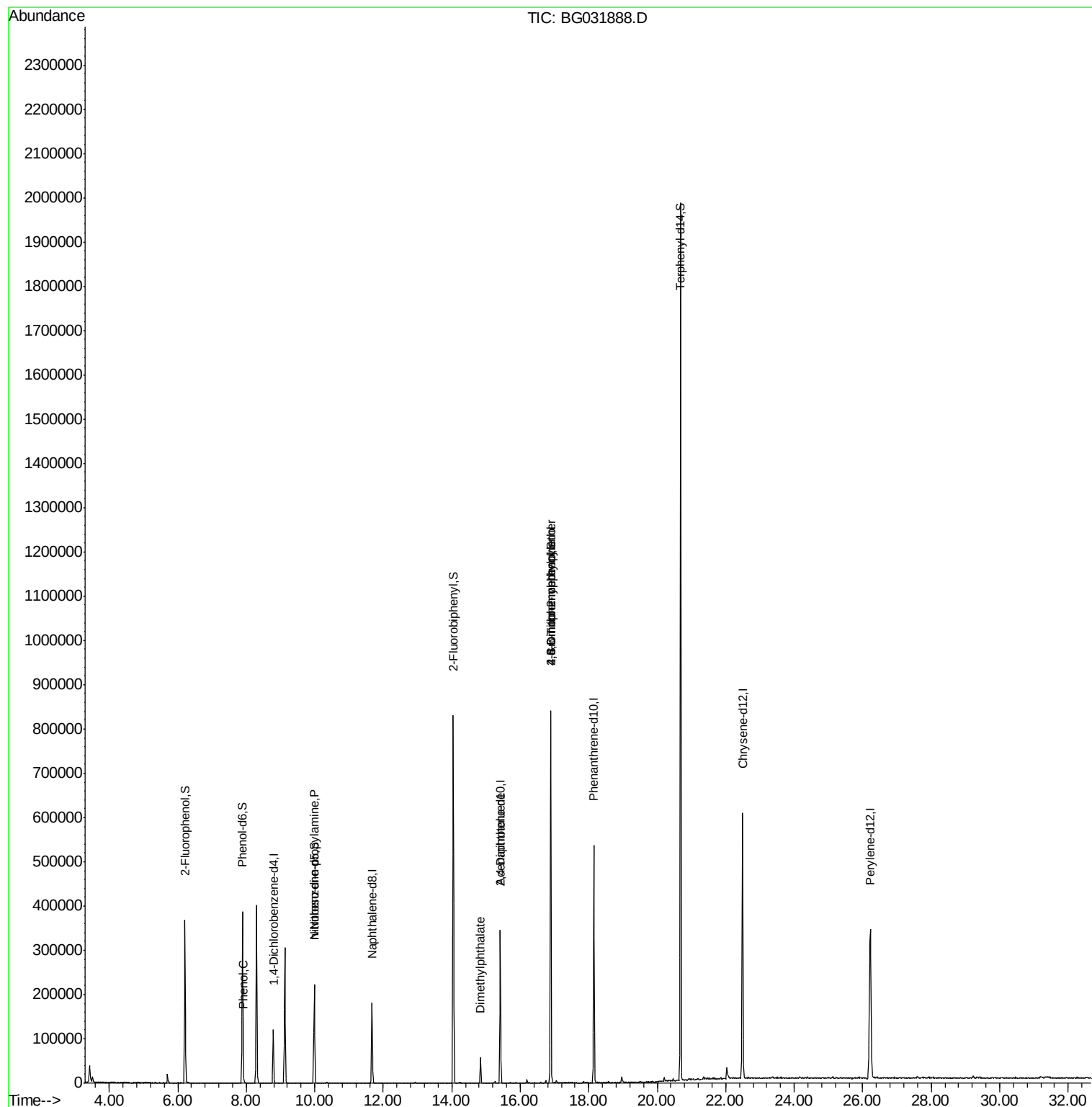
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	41676	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	179752	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	133610	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	377138	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	451718	20.00	ng	-0.02
86) Perylene-d12	26.22	264	457736	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	206982	90.46	ng	0.00
7) Phenol-d6	7.89	99	273030	91.91	ng	0.00
23) Nitrobenzene-d5	9.99	82	149629	62.86	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	195262	95.78	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	513669	48.25	ng	0.00
78) Terphenyl-d14	20.68	244	1073110	54.27	ng	-0.01
Target Compounds						
10) Phenol	7.92	94	10571	3.524	ng	87
19) n-Nitroso-di-n-propylamine	9.99	70	18550	9.143	ng	# 71
49) Dimethylphthalate	14.84	163	45541	3.869	ng	96
56) 2,4-Dinitrotoluene	15.41	165	17481	6.278	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.89	198	305	8.443	ng	# 39
66) 4-Bromophenyl-phenylether	16.89	248	15584	2.858	ng	# 1

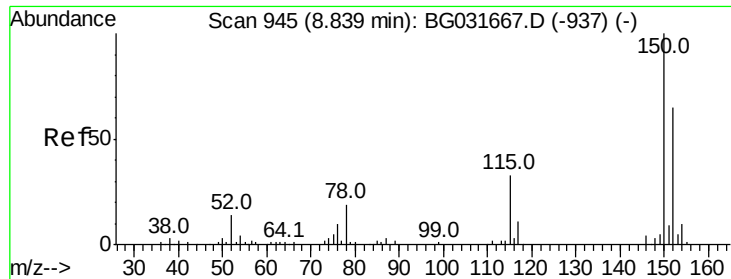
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 03 15:28:10 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
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Response via : Initial Calibration



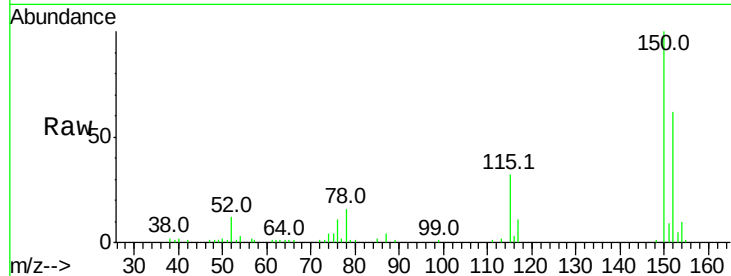


#1

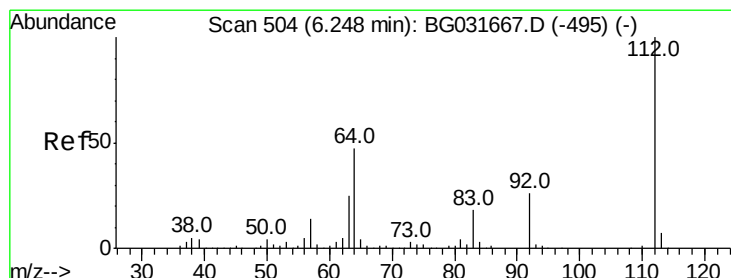
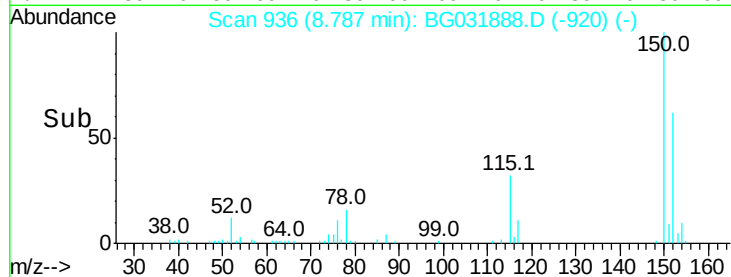
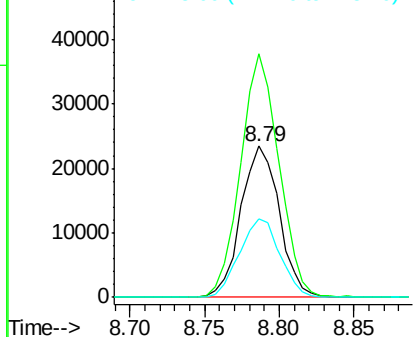
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41676
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 52.1 53.0 79.4#



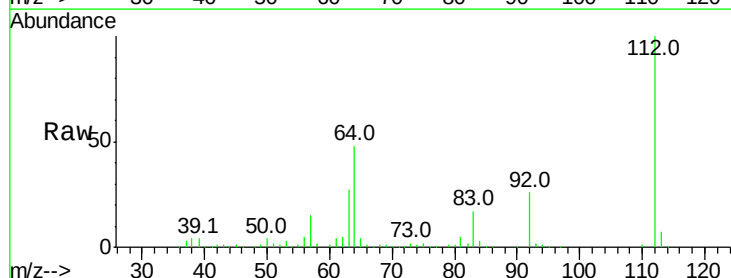
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



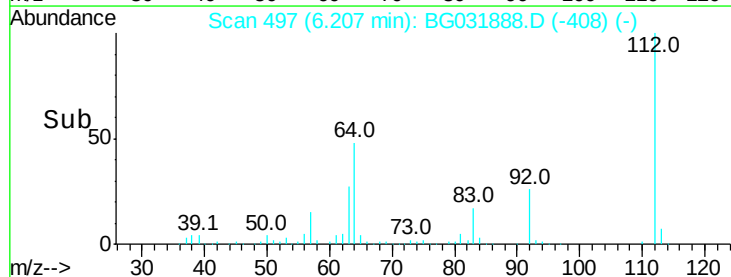
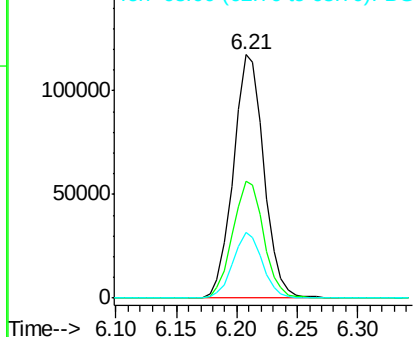
#5

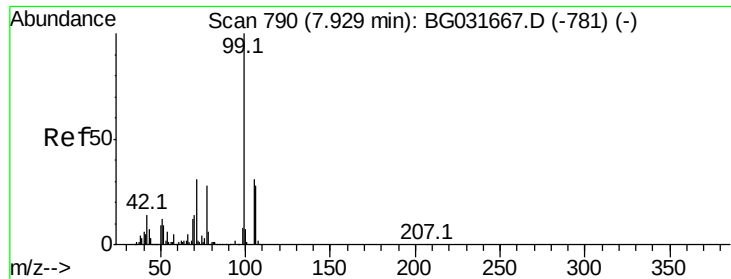
2-Fluorophenol
Concen: 90.458 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Tgt Ion:112 Resp: 206982
Ion Ratio Lower Upper
112 100
64 48.1 56.3 84.5#
63 26.7 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: 91.905 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031888.D

Acq: 3 Jan 2018 13:29

Instrument :

BNA_G

ClientSampleId :

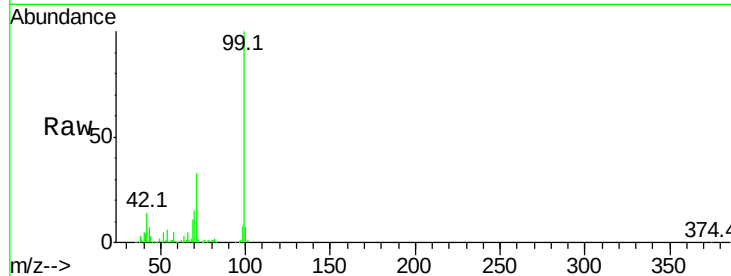
Tot Ion: 99 Resp: 273030

Ion Ratio Lower Upper

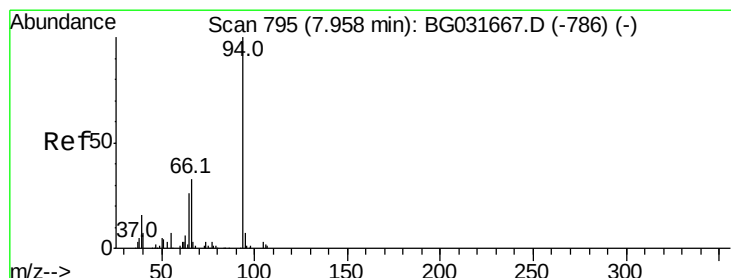
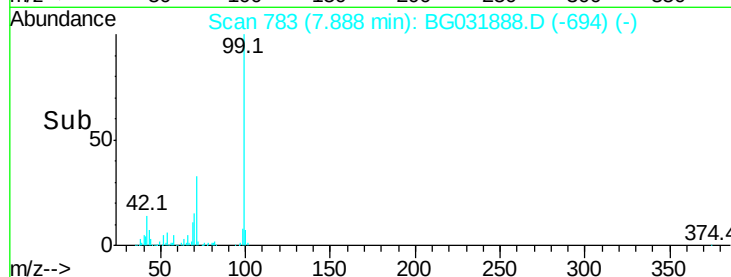
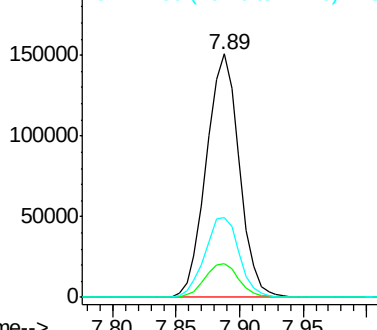
99 100

42 14.1 14.1 21.1

71 32.7 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



#10

Phenol

Concen: 3.524 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031888.D

Acq: 3 Jan 2018 13:29

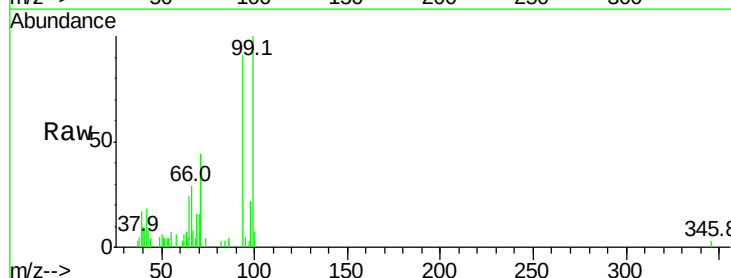
Tgt Ion: 94 Resp: 10571

Ion Ratio Lower Upper

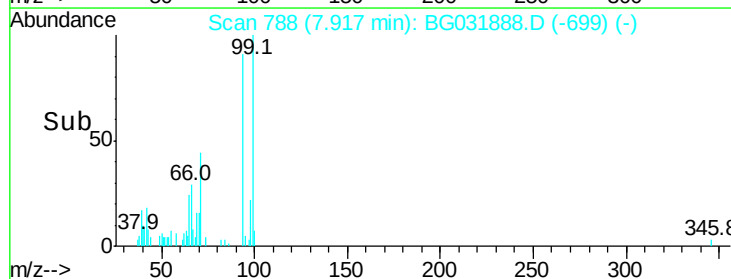
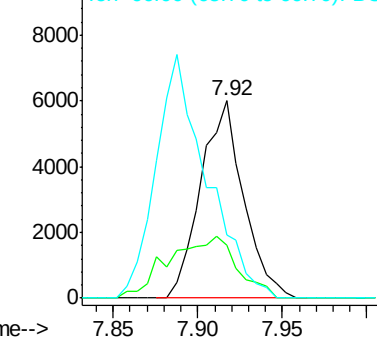
94 100

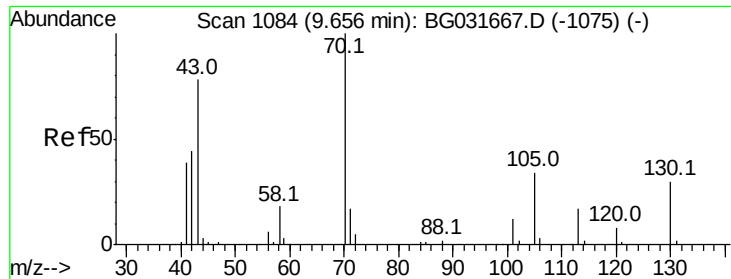
65 26.6 11.9 51.9

66 32.3 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

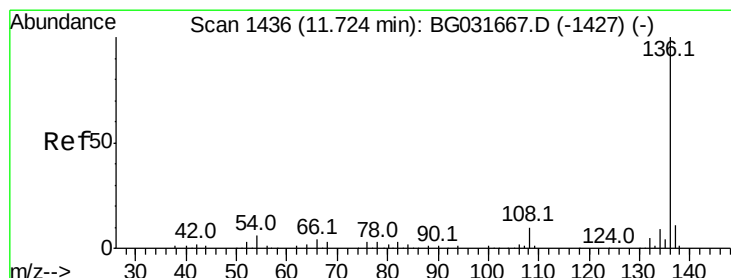
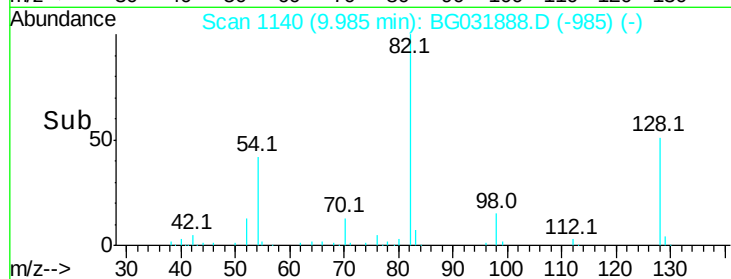
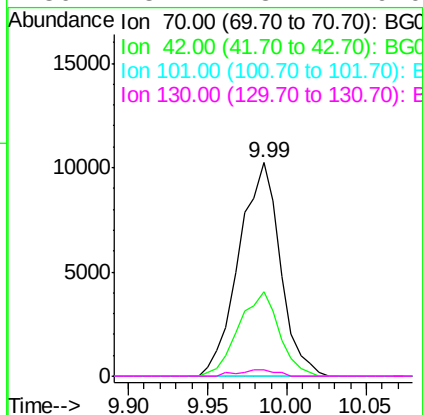
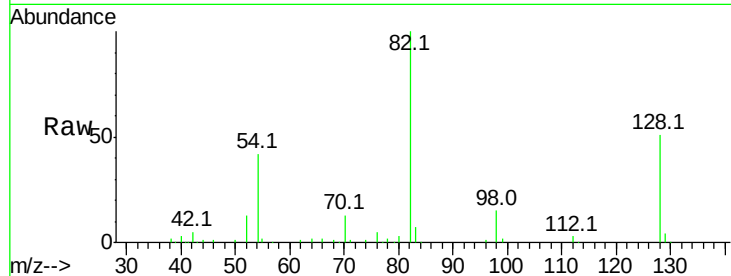




#19
n-Nitroso-di-n-propylamine
Concen: 9.143 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.38 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

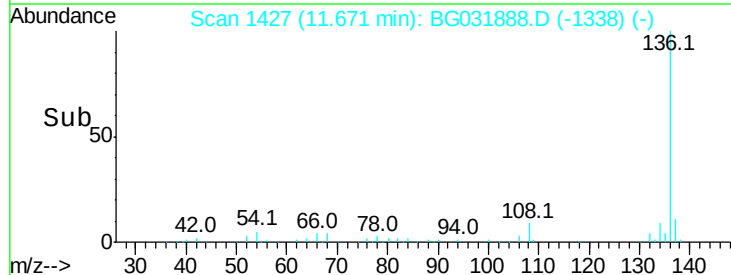
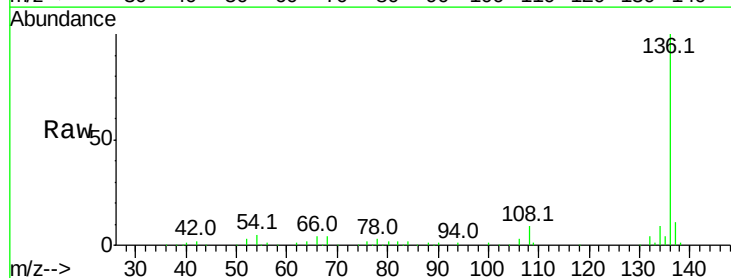
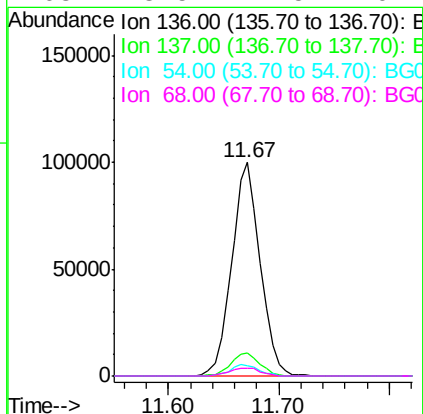
Instrument :
BNA_G
ClientSampleId :

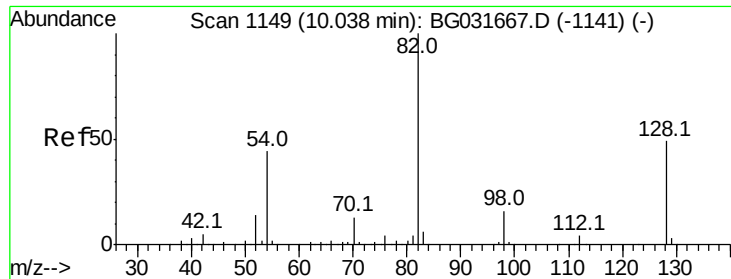
Tot Ion: 70 Resp: 18550
Ion Ratio Lower Upper
70 100
42 39.8 49.1 73.7#
101 0.0 8.5 12.7#
130 3.2 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Tgt Ion:136 Resp: 179752
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 5.0 10.3 15.5#
68 3.5 4.5 6.7#

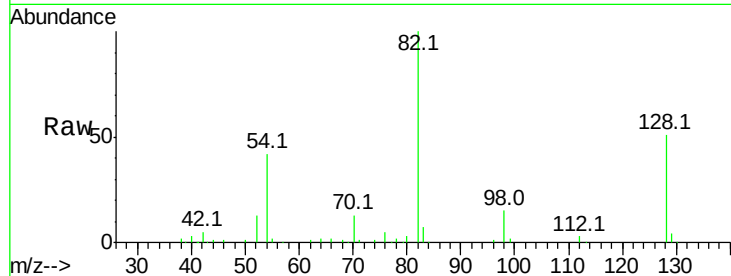




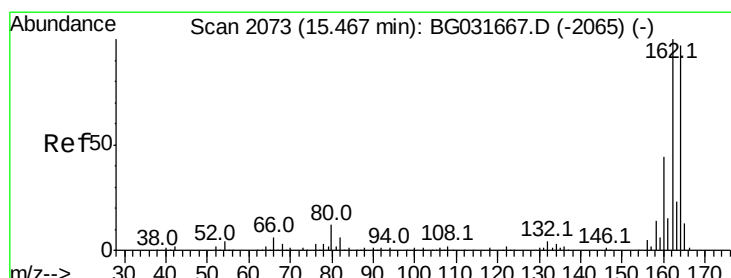
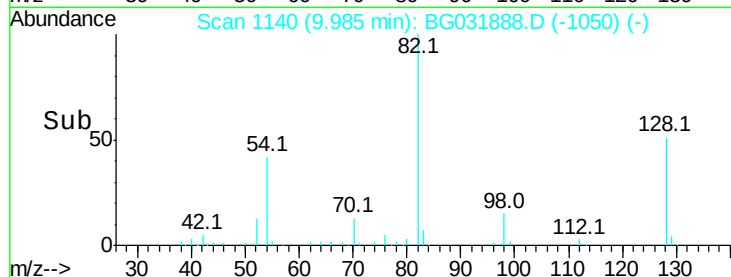
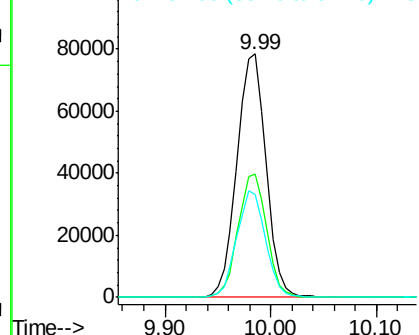
#23
 Nitrobenzene-d5
 Concen: 62.858 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BG031888.D
 Acq: 3 Jan 2018 13:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 149629
 Ion Ratio Lower Upper
 82 100
 128 50.6 29.7 44.5#
 54 42.0 43.1 64.7#

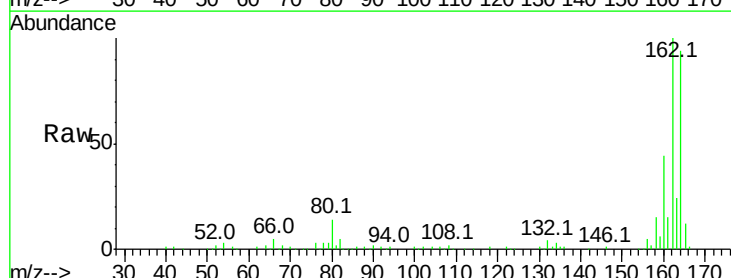


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

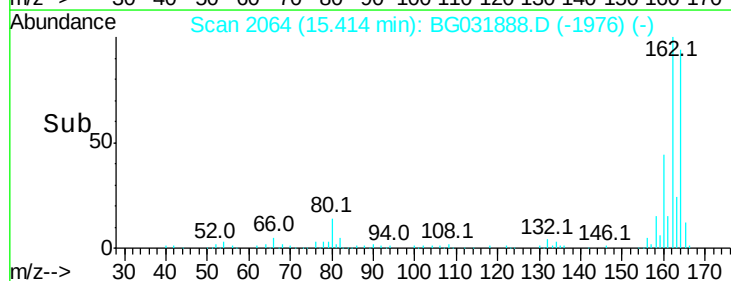
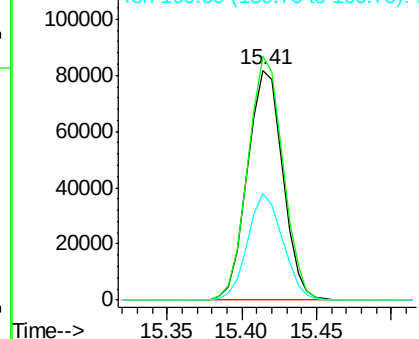


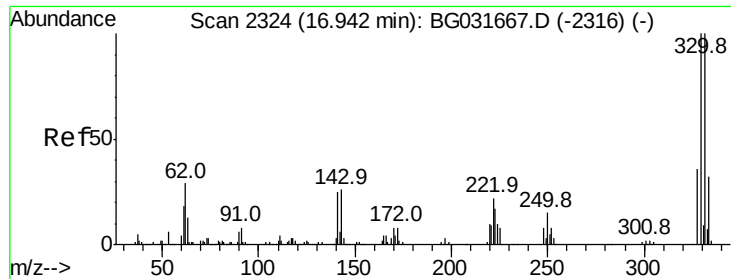
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031888.D
 Acq: 3 Jan 2018 13:29

Tgt Ion:164 Resp: 133610
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.8 118.2
 160 46.4 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

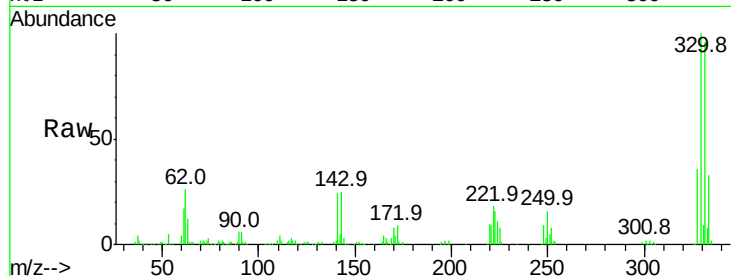




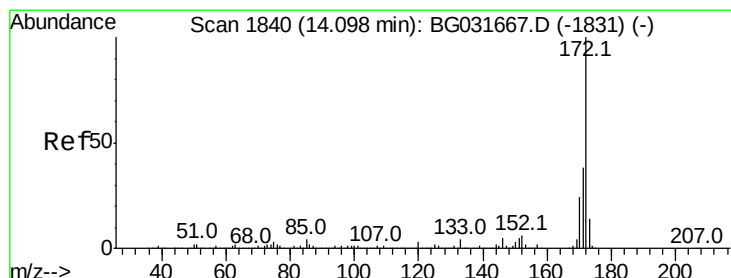
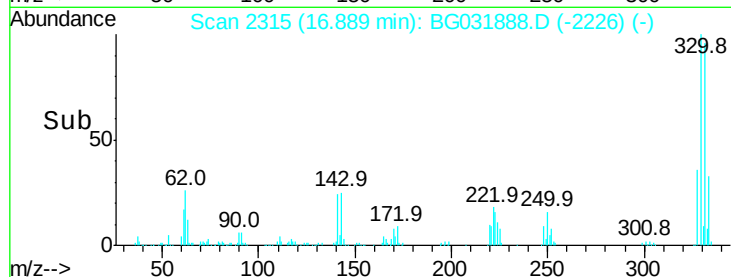
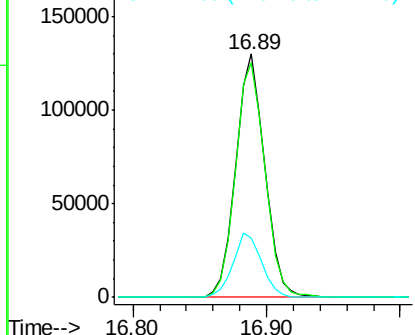
#41
 2,4,6-Tribromophenol
 Concen: 95.778 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031888.D
 Acq: 3 Jan 2018 13:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	26.4	25.2	37.8

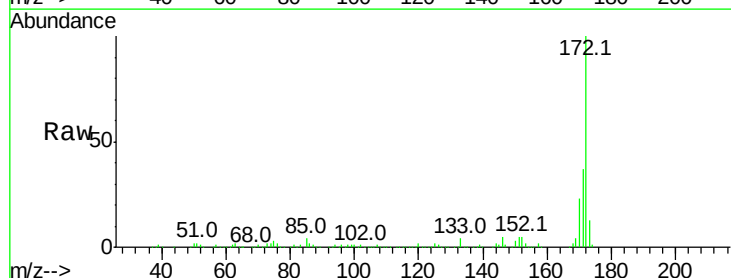


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

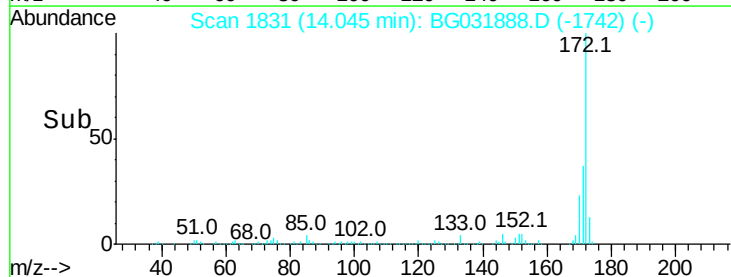
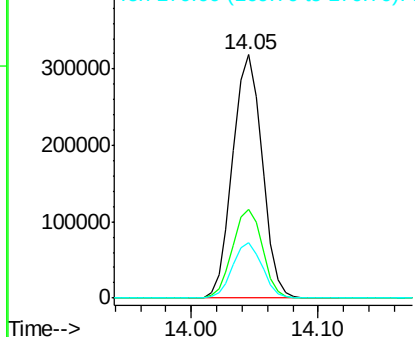


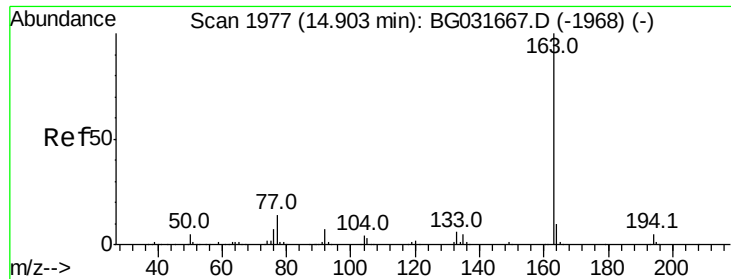
#44
 2-Fluorobiphenyl
 Concen: 48.254 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031888.D
 Acq: 3 Jan 2018 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.0	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

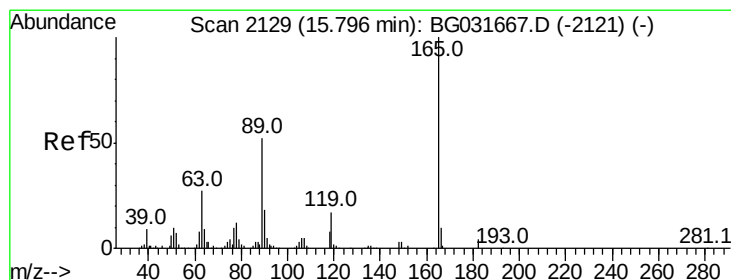
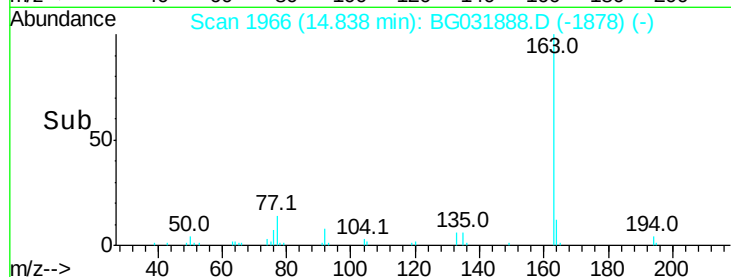
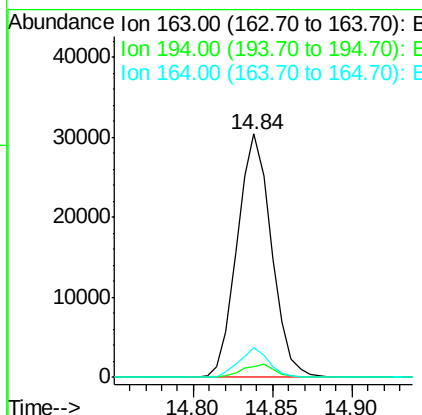
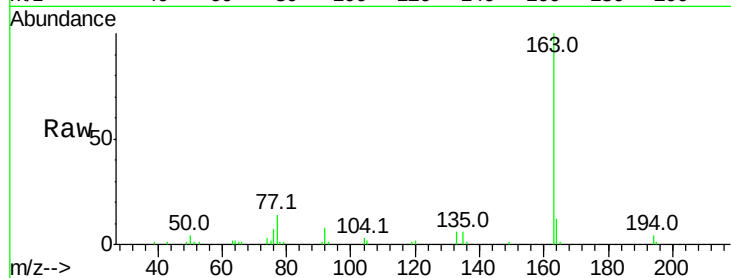




#49
Dimethylphthalate
Concen: 3.869 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

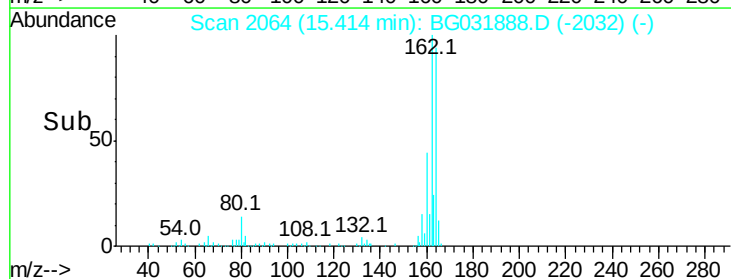
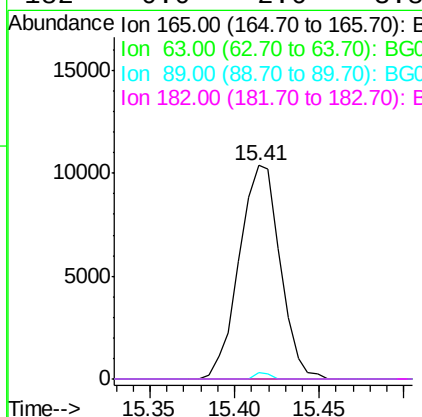
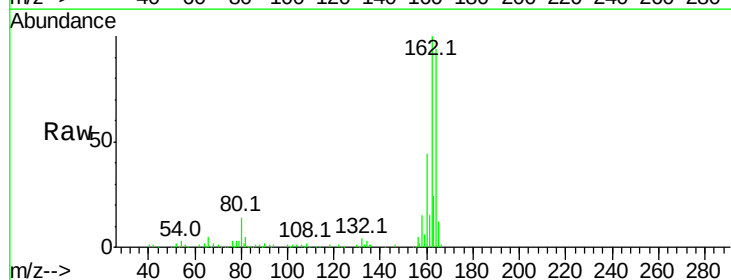
Instrument :
BNA_G
ClientSampleId :

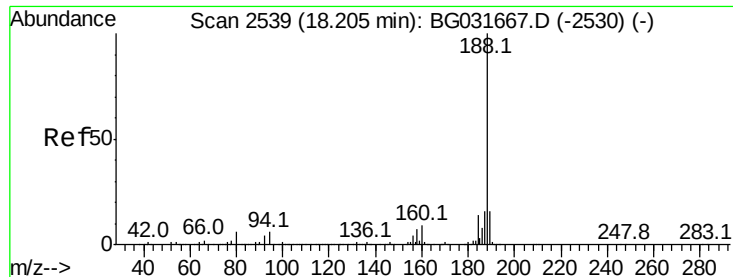
Tot Ion:163 Resp: 45541
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 12.1 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.278 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Tgt Ion:165 Resp: 17481
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.8 66.9 100.3#
182 0.0 2.6 3.8#

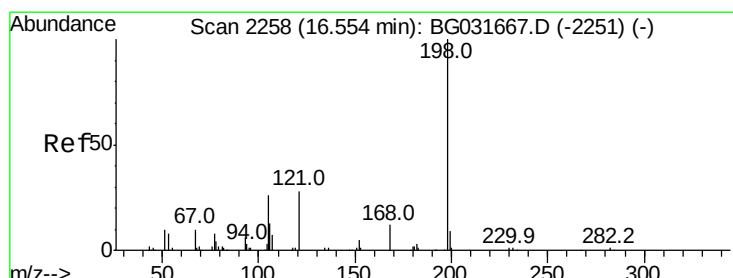
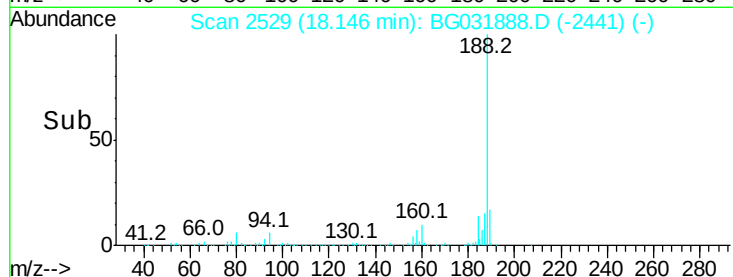
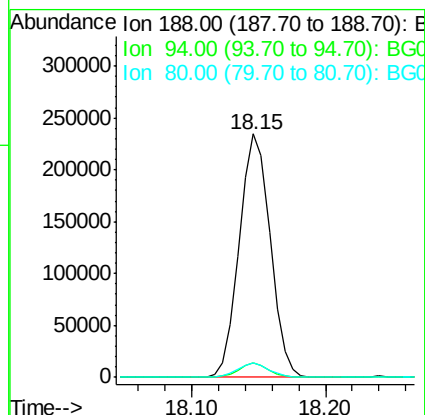
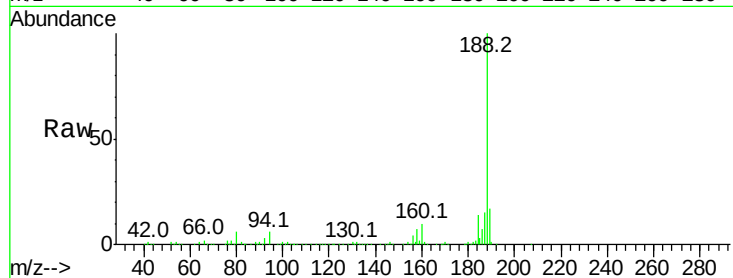




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

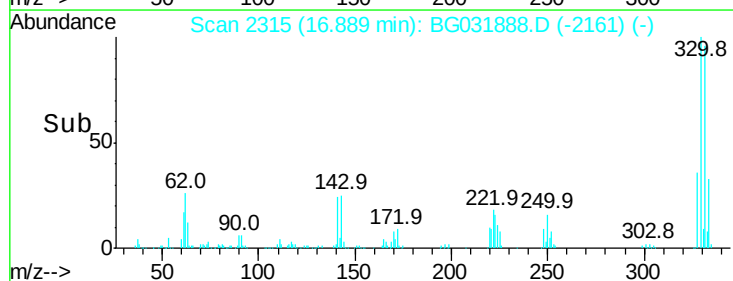
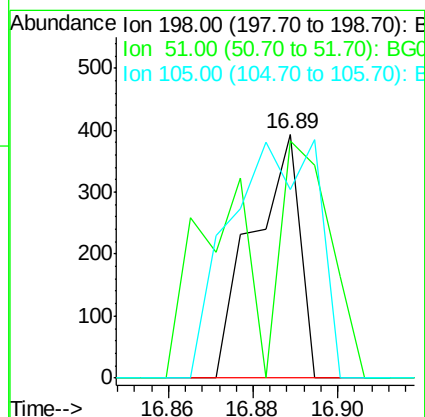
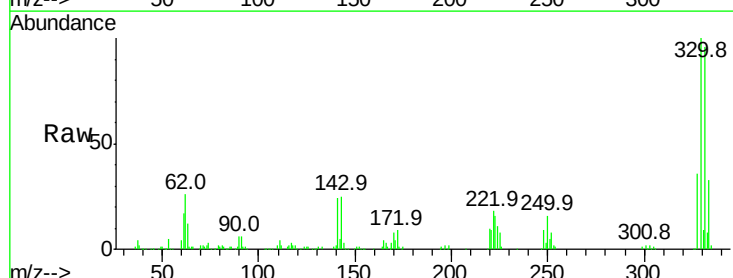
Instrument :
BNA_G
ClientSampleId :

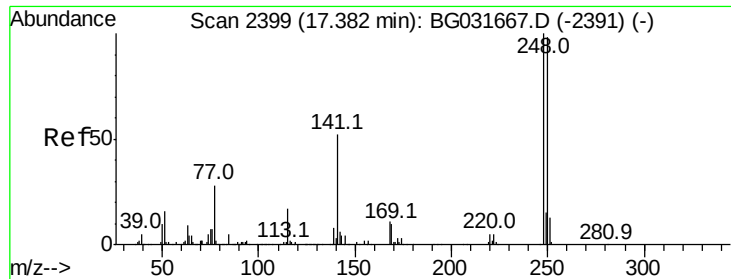
Tot Ion:188 Resp: 377138
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 5.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.443 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.38 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Tgt Ion:198 Resp: 305
Ion Ratio Lower Upper
198 100
51 97.5 30.6 70.6#
105 77.6 23.8 63.8#

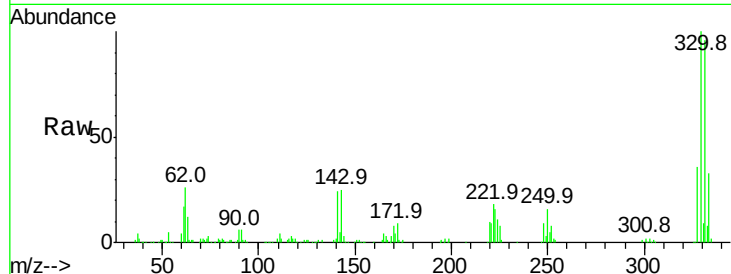




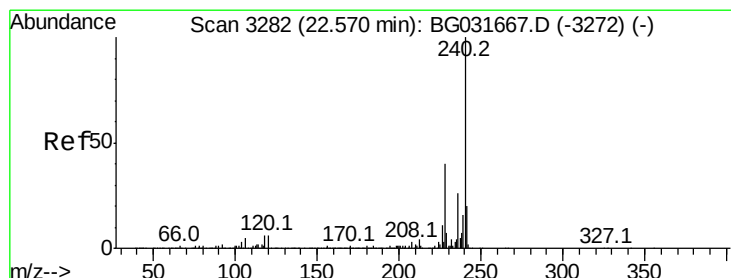
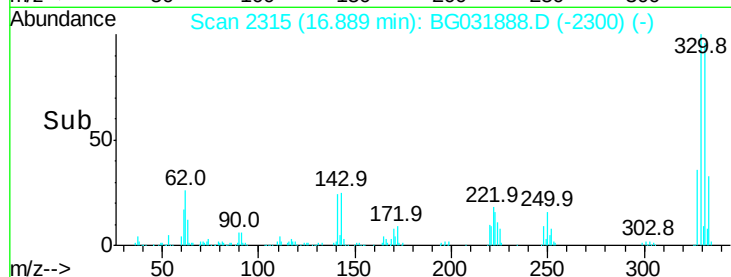
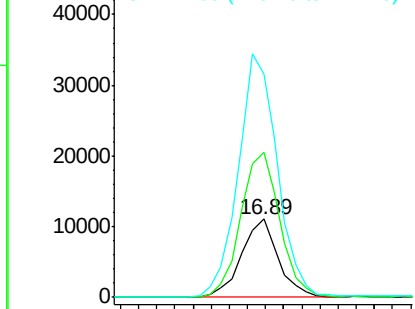
#66
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 15584
Ion Ratio Lower Upper
248 100
250 185.5 77.1 115.7#
141 285.8 50.8 76.2#

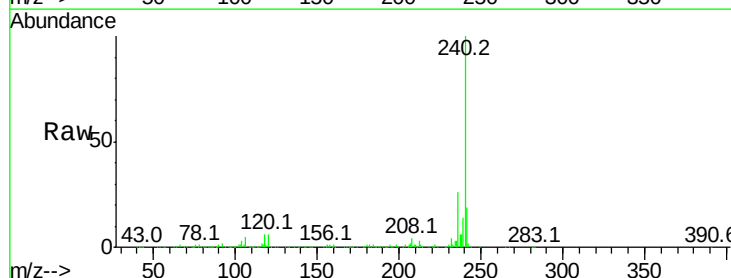


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

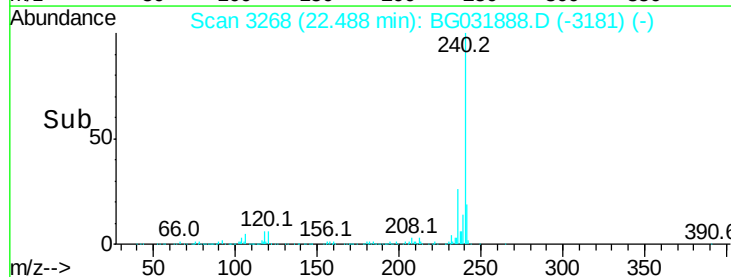
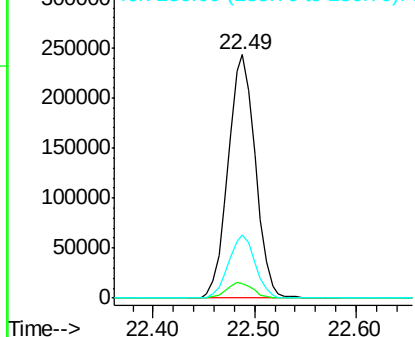


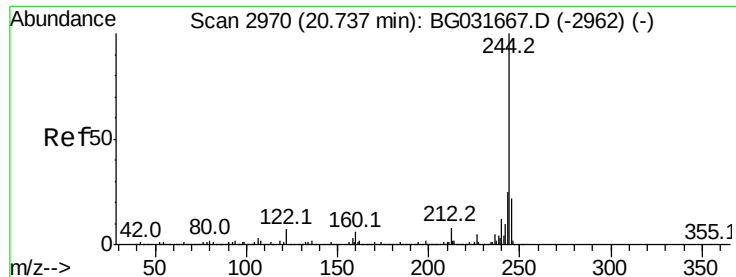
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031888.D
Acq: 3 Jan 2018 13:29

Tgt Ion:240 Resp: 451718
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 25.9 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: 54.275 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031888.D

Acq: 3 Jan 2018 13:29

Instrument :

BNA_G

ClientSampled :

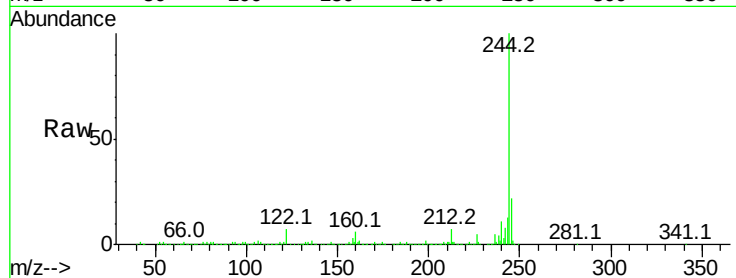
Tot Ion:244 Resp: 1073110

Ion Ratio Lower Upper

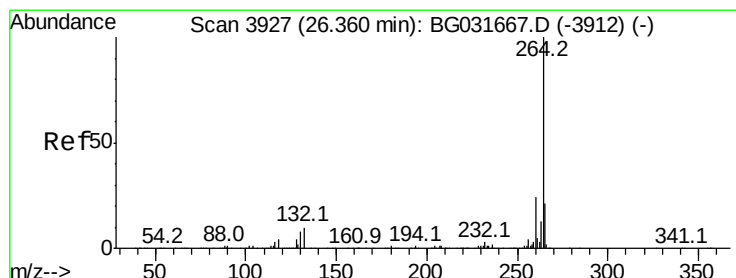
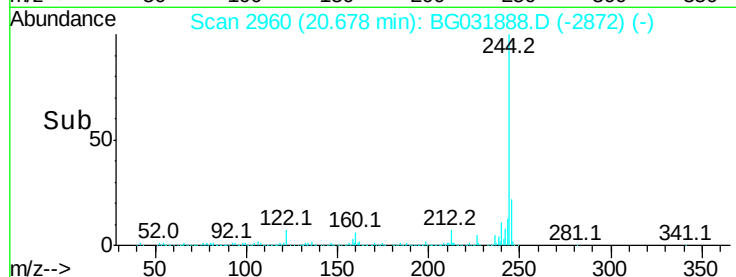
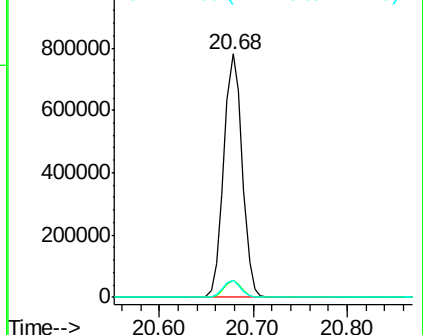
244 100

212 7.0 5.8 8.8

122 6.9 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: 26.22 min Scan# 3903

Delta R.T. -0.04 min

Lab File: BG031888.D

Acq: 3 Jan 2018 13:29

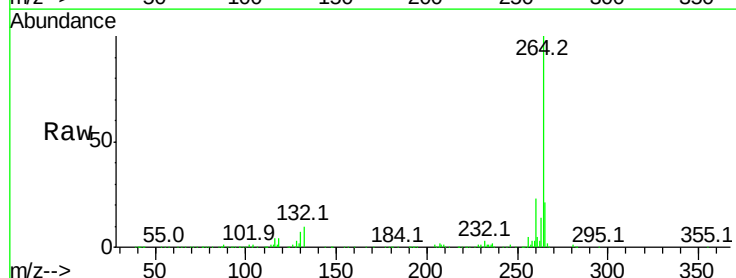
Tgt Ion:264 Resp: 457736

Ion Ratio Lower Upper

264 100

260 22.9 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

