

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033269.D
 Acq On : 20 Mar 2018 16:04
 Operator : SJ/JU
 Sample : J1979-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 16:49:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

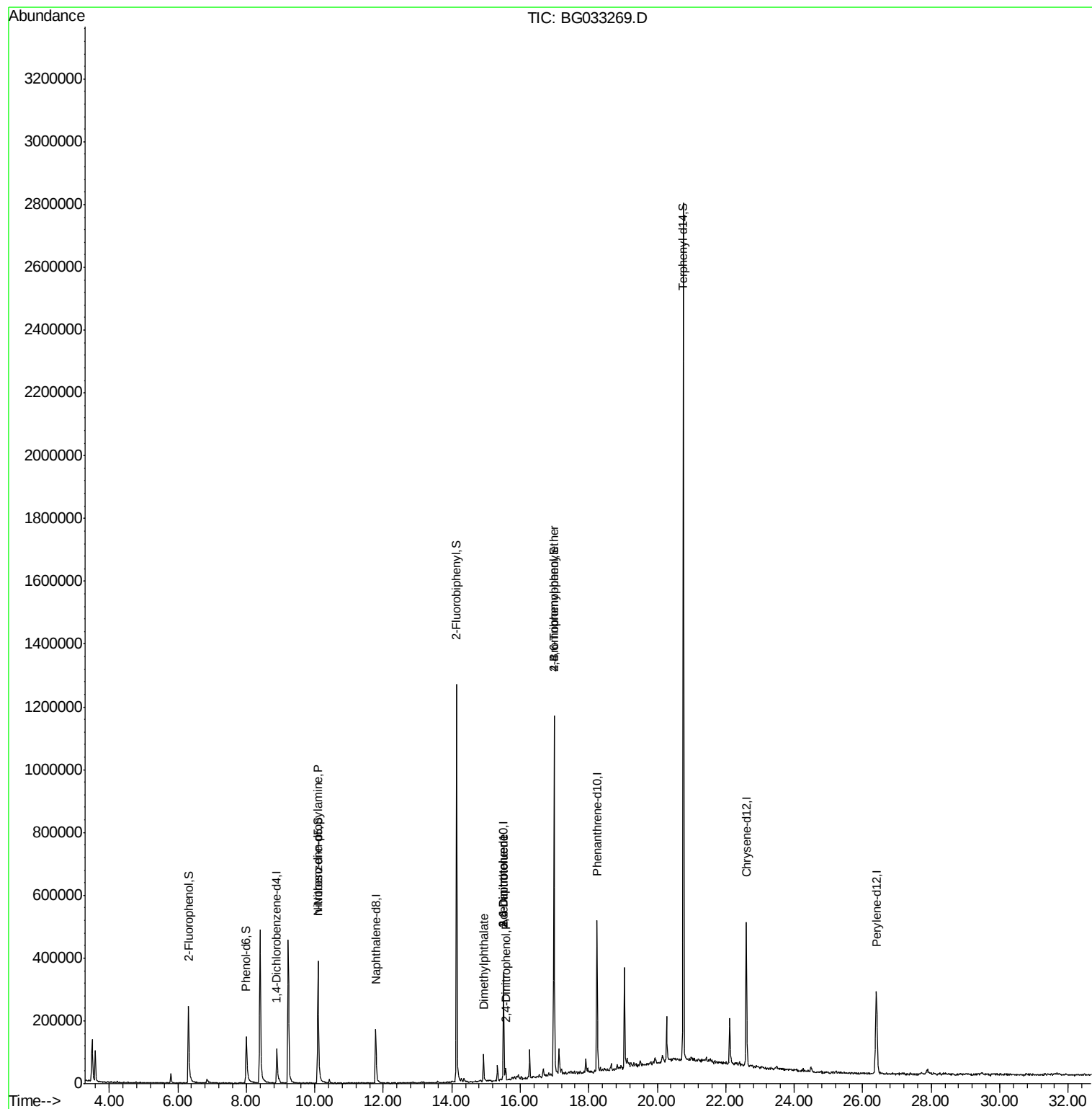
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	41390	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	174713	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	127292	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	334388	20.00	ng	0.00
75) Chrysene-d12	22.60	240	344399	20.00	ng	0.00
86) Perylene-d12	26.40	264	358829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	138429	62.71	ng	0.00
7) Phenol-d6	8.00	99	124209	32.75	ng	0.00
23) Nitrobenzene-d5	10.09	82	313767	82.51	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	237194	124.59	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	727955	82.56	ng	0.00
78) Terphenyl-d14	20.76	244	1340997	83.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.09	70	43010	15.476	ng	# 74
49) Dimethylphthalate	14.93	163	56923	5.138	ng	# 99
50) 2,6-Dinitrotoluene	15.51	165	17449	7.703	ng	# 21
53) 2,4-Dinitrophenol	15.57	184	55	7.685	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	17449	5.232	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	17578	4.476	ng	# 1

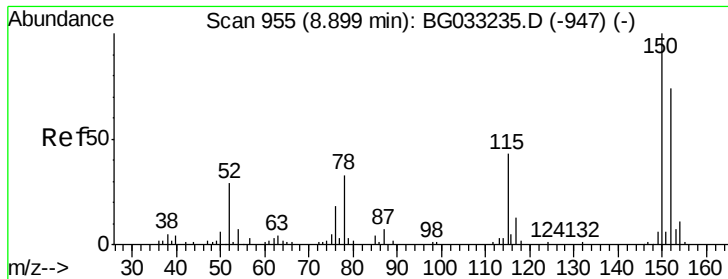
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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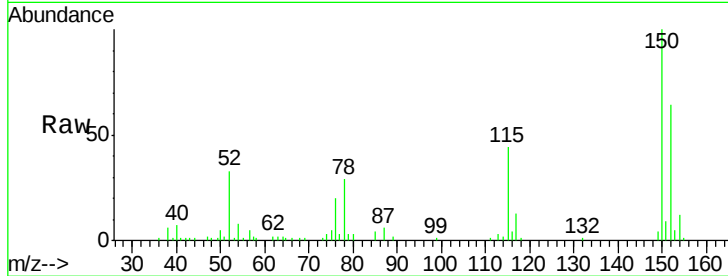


#1

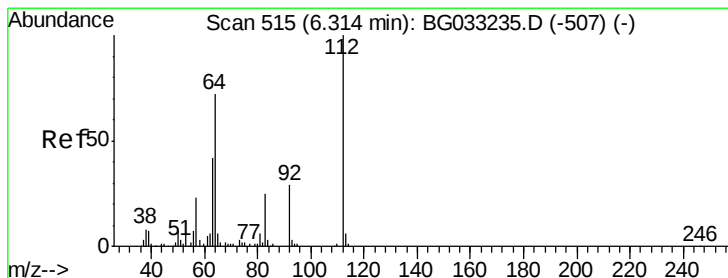
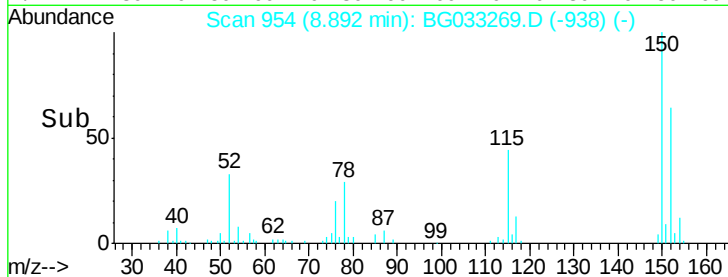
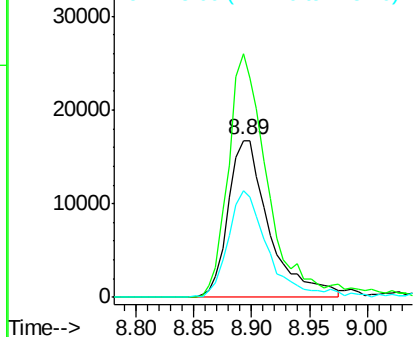
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.89 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	68.4	53.0	79.4



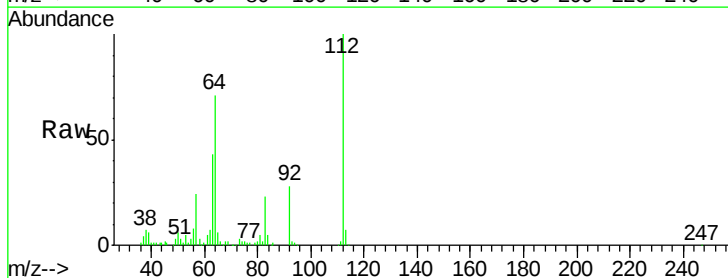
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



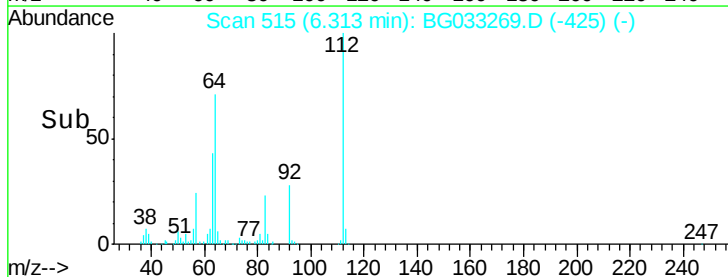
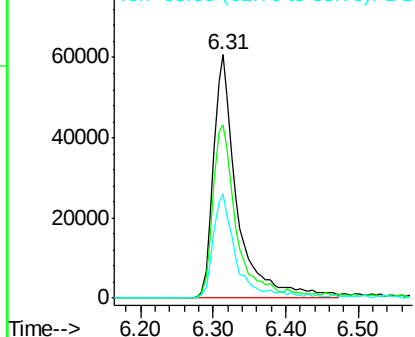
#5

2-Fluorophenol
 Concen: 62.713 ng
 RT: 6.31 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.3	84.5
63	42.6	30.1	45.1



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





#7

Phenol-d6

Concen: 32.750 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033269.D

Acq: 20 Mar 2018 16:04

Instrument :

BNA_G

ClientSampleId :

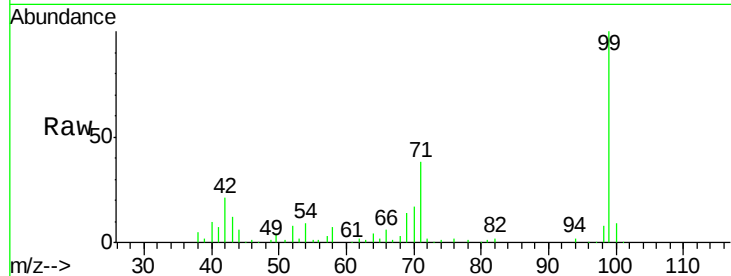
Tot Ion: 99 Resp: 124209

Ion Ratio Lower Upper

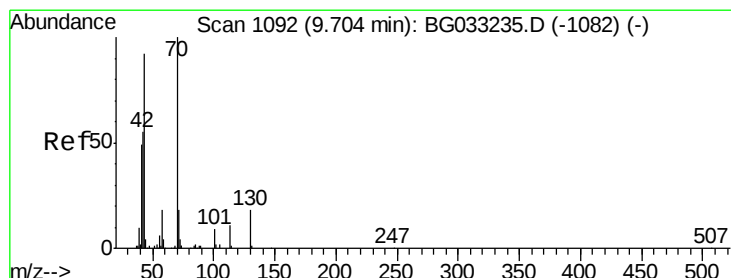
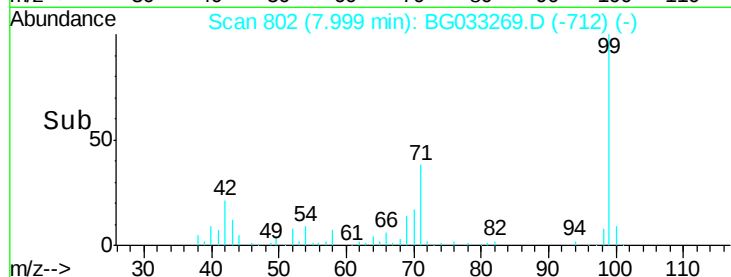
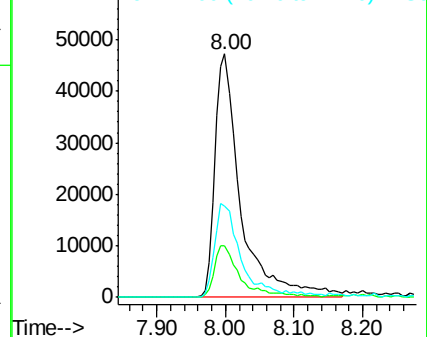
99 100

42 21.2 14.1 21.1#

71 37.5 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: 15.476 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

Lab File: BG033269.D

Acq: 20 Mar 2018 16:04

Tgt Ion: 70 Resp: 43010

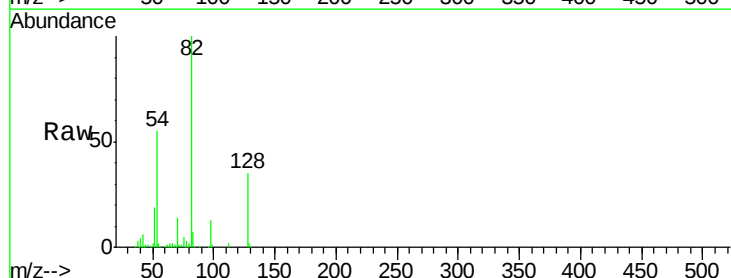
Ion Ratio Lower Upper

70 100

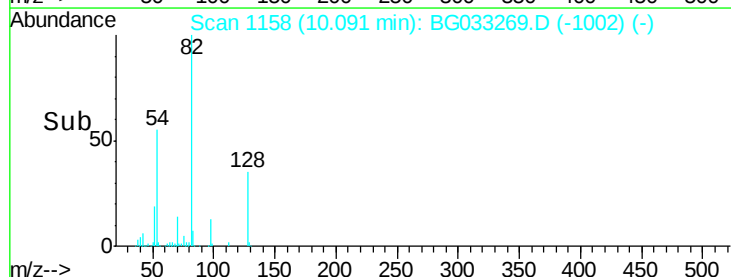
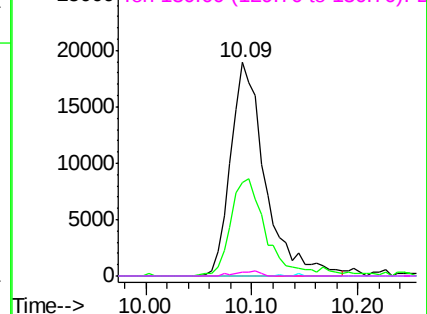
42 43.8 49.1 73.7#

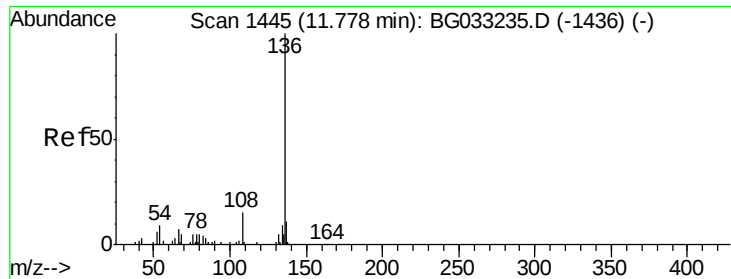
101 0.0 8.5 12.7#

130 1.8 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

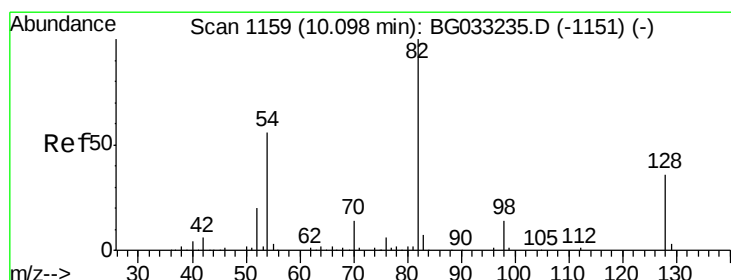
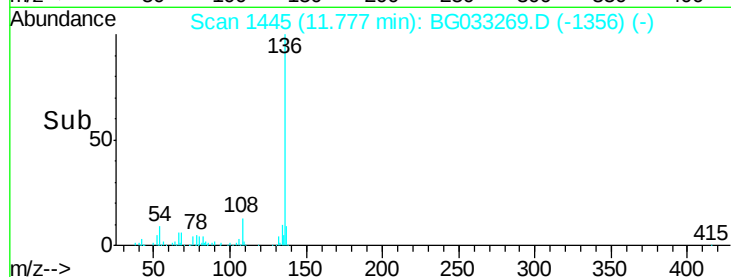
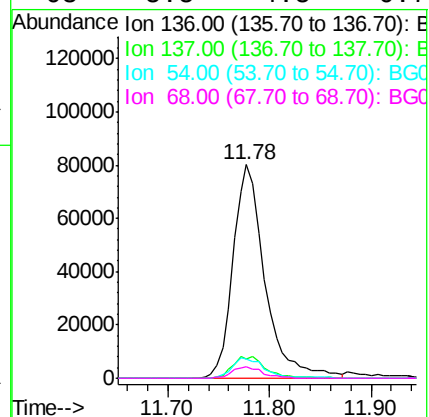
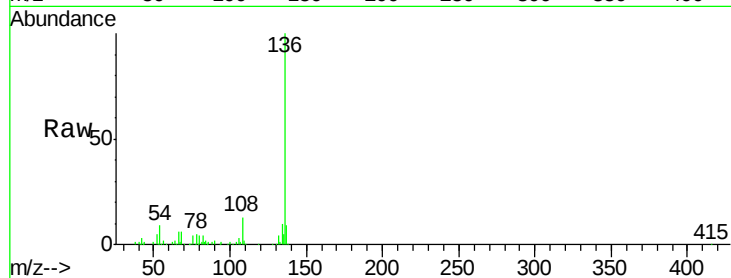




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

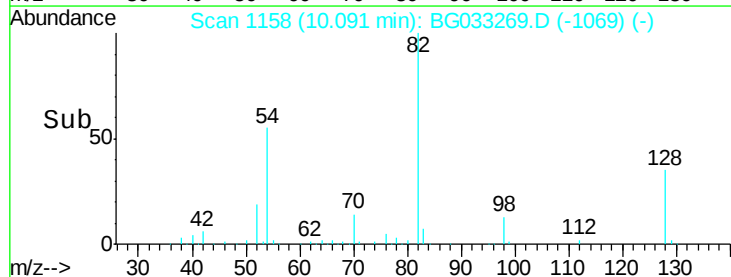
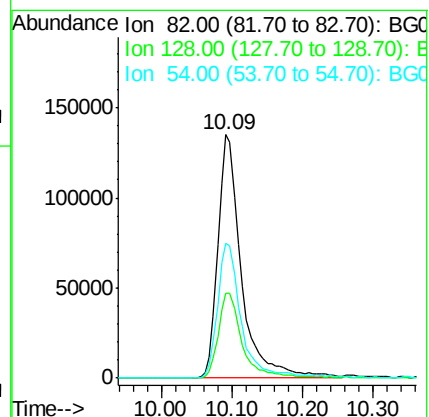
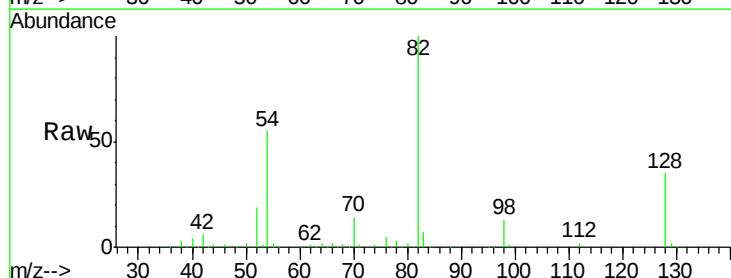
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	174713
Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.2	13.8#
54	9.0	10.3	15.5#
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 82.511 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion:	82	Resp:	313767
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	55.2	43.1	64.7

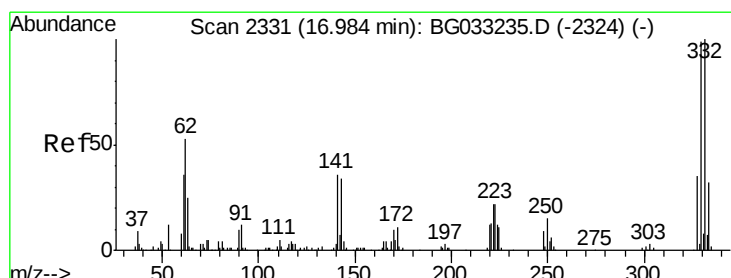
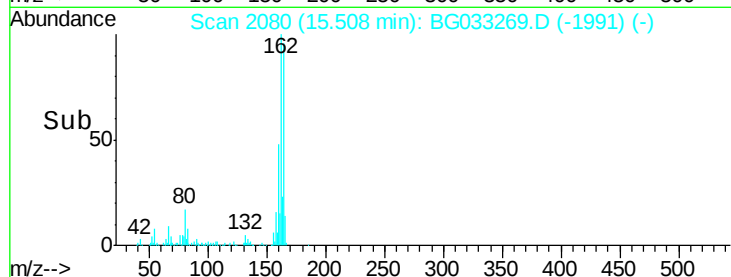
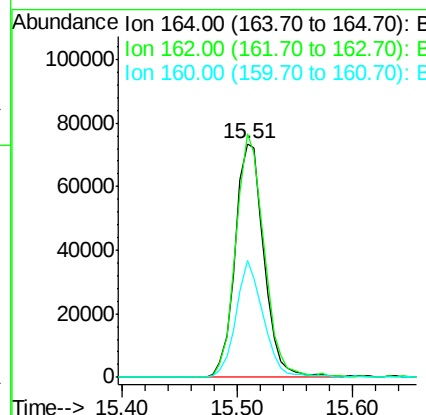
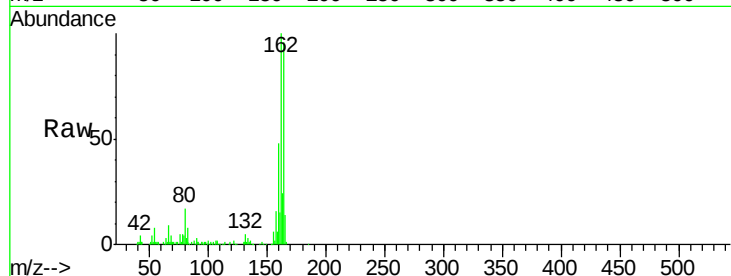




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

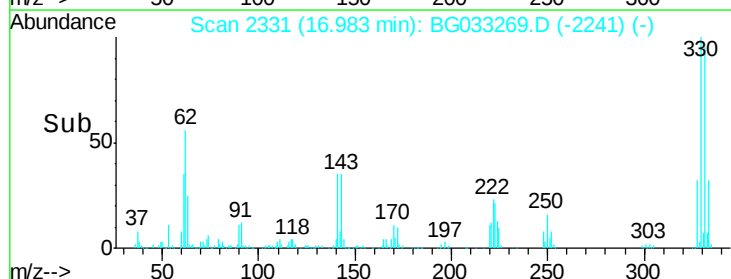
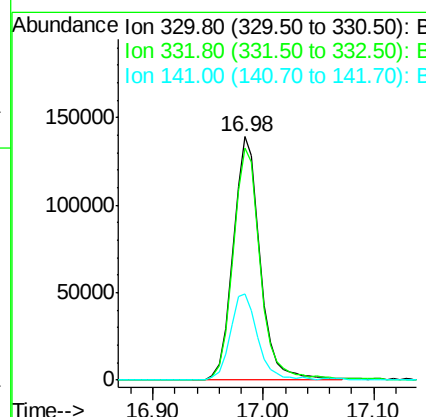
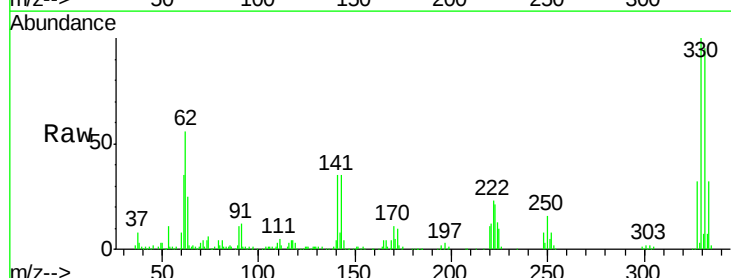
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 127292
Ion Ratio Lower Upper
164 100
162 104.3 78.8 118.2
160 50.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 124.590 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion:330 Resp: 237194
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 36.4 25.2 37.8

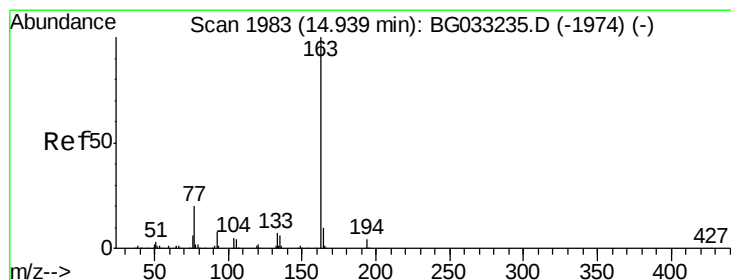
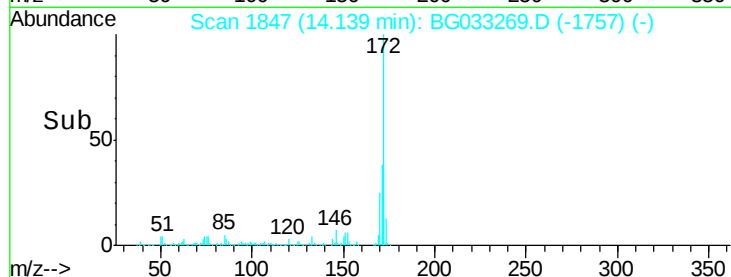
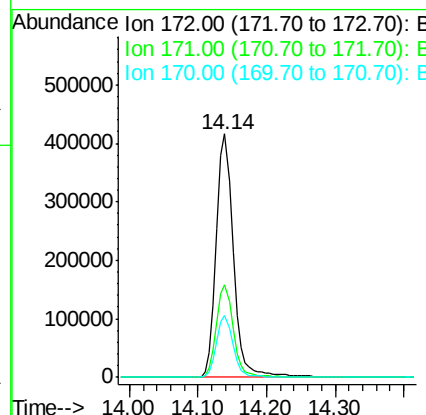
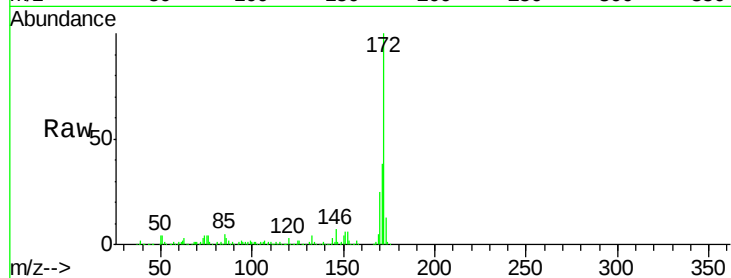




#44
2-Fluorobiphenyl
Concen: 82.558 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

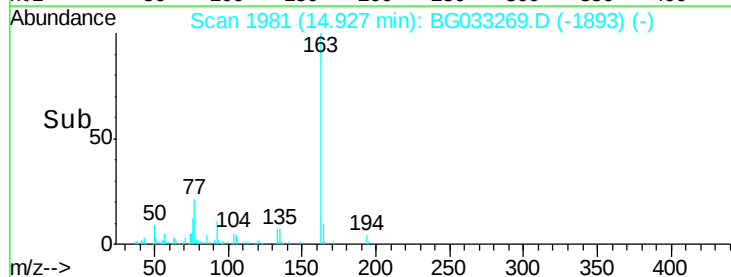
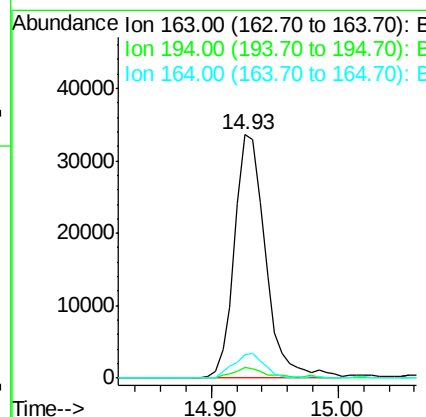
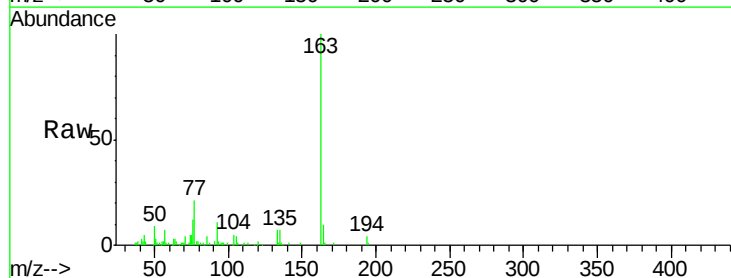
Instrument :
BNA_G
ClientSampleId :

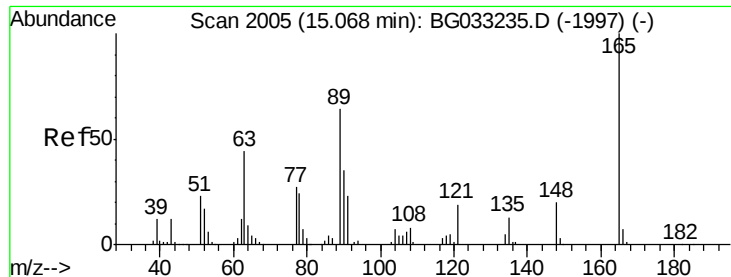
Tot Ion:172 Resp: 727955
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 25.2 19.5 29.3



#49
Dimethylphthalate
Concen: 5.138 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion:163 Resp: 56923
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.4

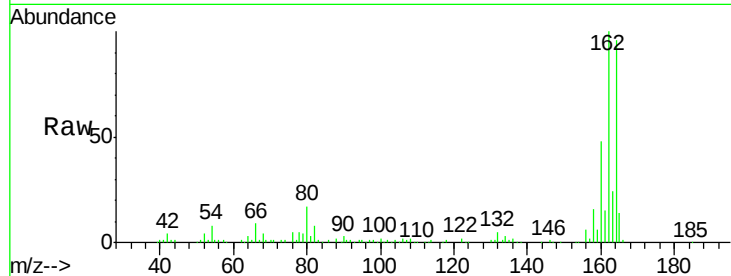




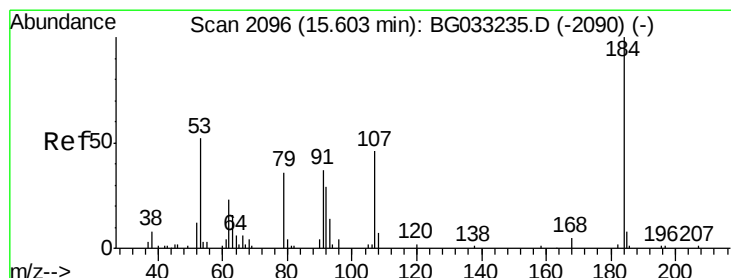
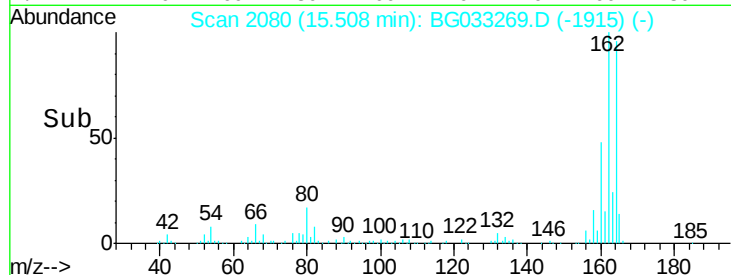
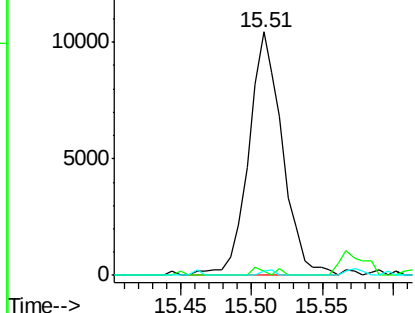
#50
 2,6-Dinitrotoluene
 Concen: 7.703 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 17449
 Ion Ratio Lower Upper
 165 100
 63 1.8 52.7 79.1#
 89 1.5 49.2 73.8#

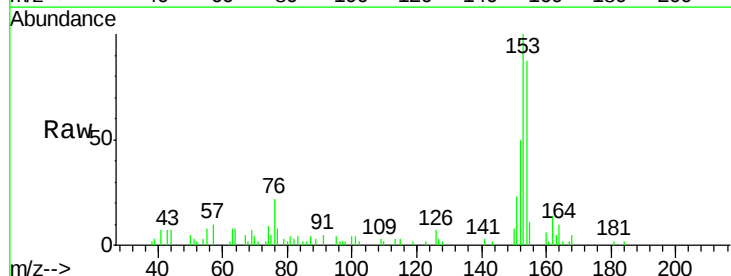


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

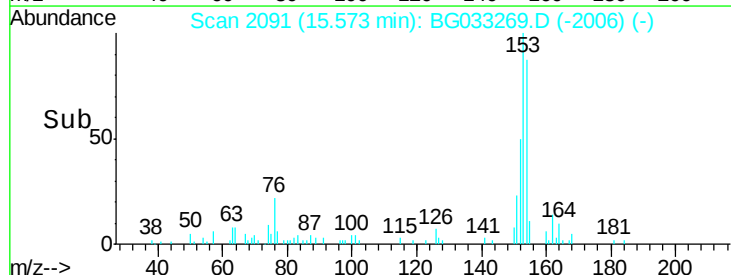
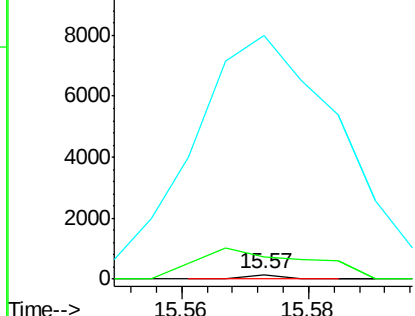


#53
 2,4-Dinitrophenol
 Concen: 7.685 ng
 RT: 15.57 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Tgt Ion:184 Resp: 55
 Ion Ratio Lower Upper
 184 100
 63 462.8 59.8 89.8#
 154 5121.2 101.8 152.8#



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

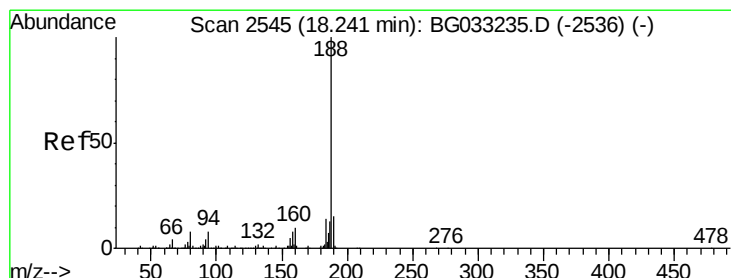
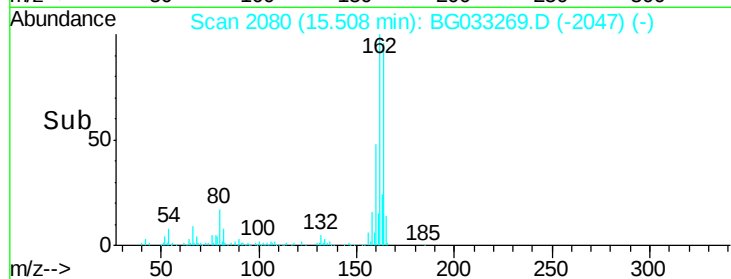
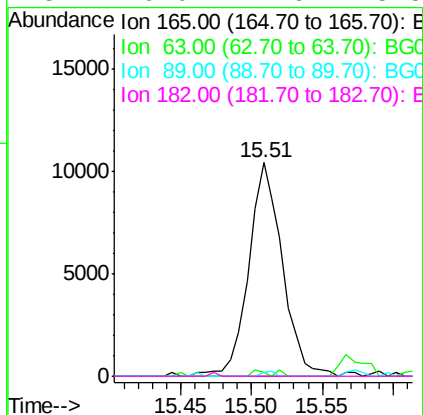
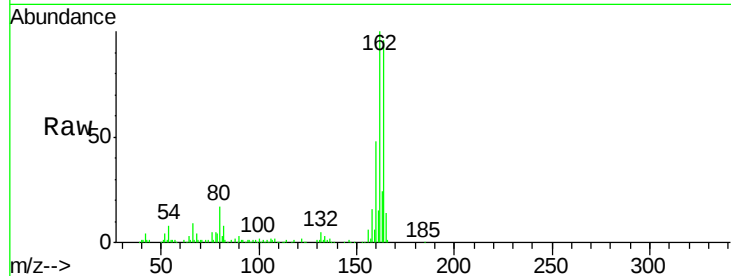




#56
 2,4-Dinitrotoluene
 Concen: 5.232 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.34 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

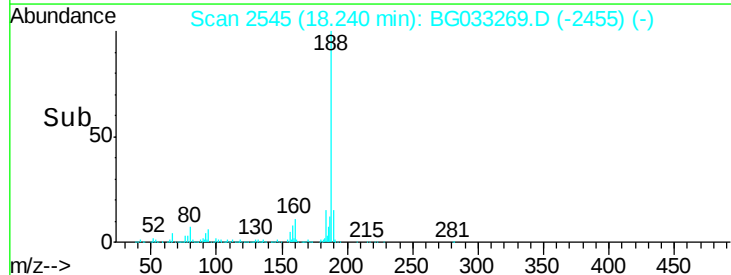
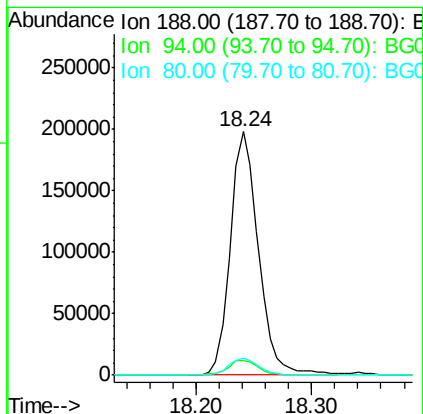
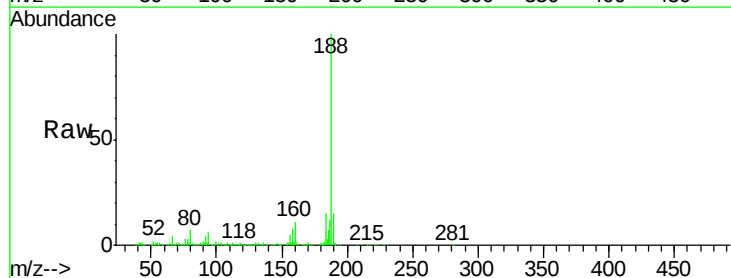
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17449
 Ion Ratio Lower Upper
 165 100
 63 1.8 42.0 63.0#
 89 1.5 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Tgt Ion:188 Resp: 334388
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 7.0 7.7 11.5#

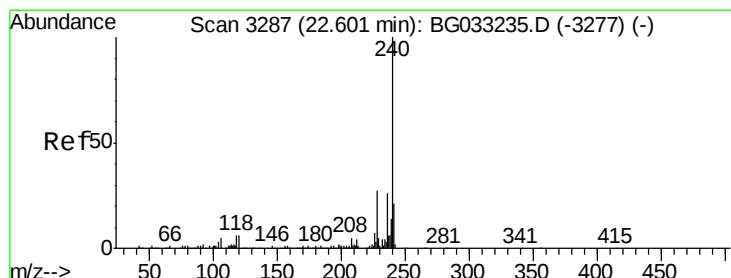
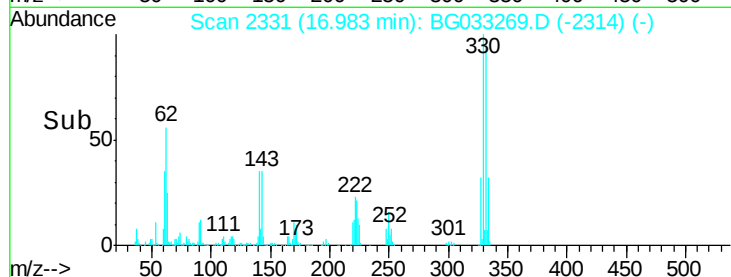
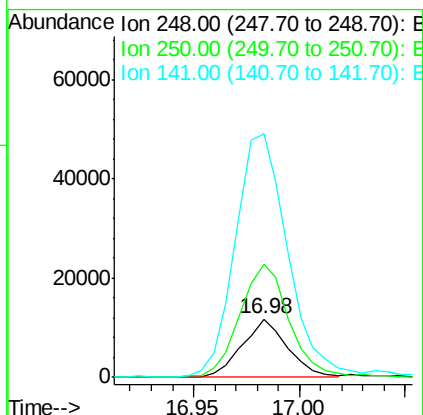
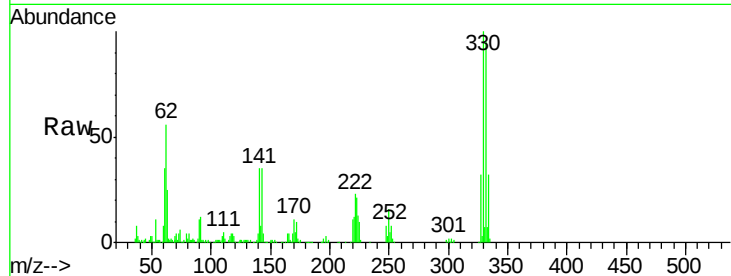




#66
4-Bromophenyl-phenylether
Concen: 4.476 ng
RT: 16.98 min Scan# 2331
Delta R.T. -0.43 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

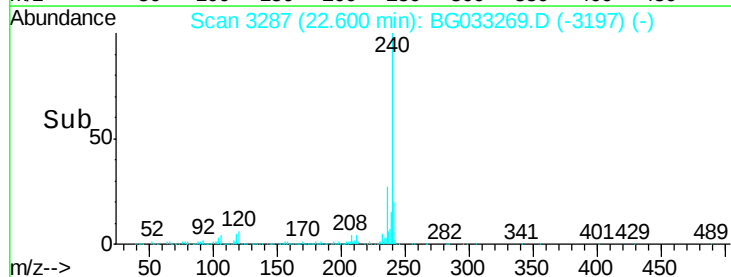
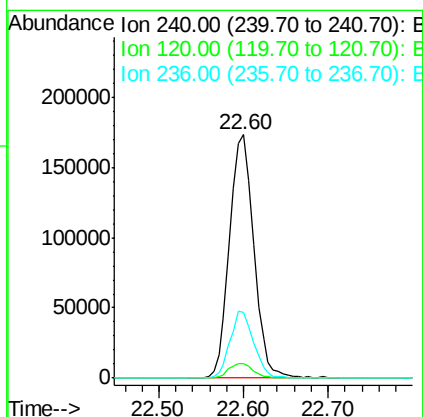
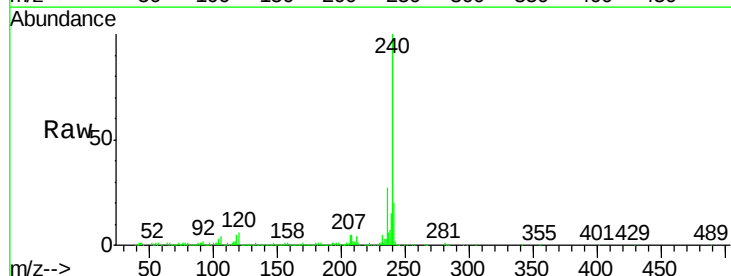
Instrument :
BNA_G
ClientSampleId :

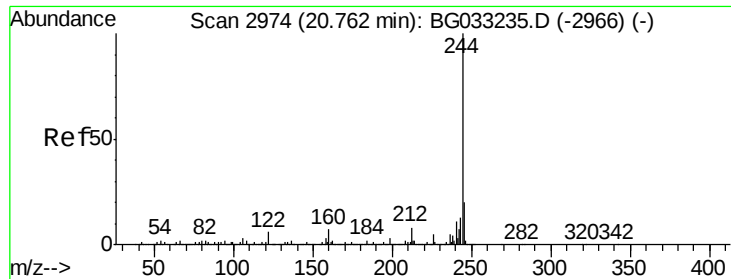
Tot Ion:248 Resp: 17578
Ion Ratio Lower Upper
248 100
250 194.9 77.1 115.7#
141 417.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BG033269.D
Acq: 20 Mar 2018 16:04

Tgt Ion:240 Resp: 344399
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.8 20.9 31.3

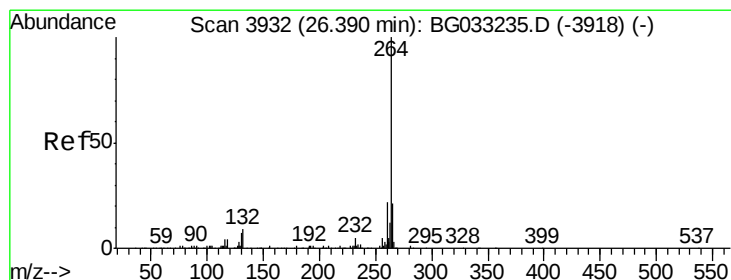
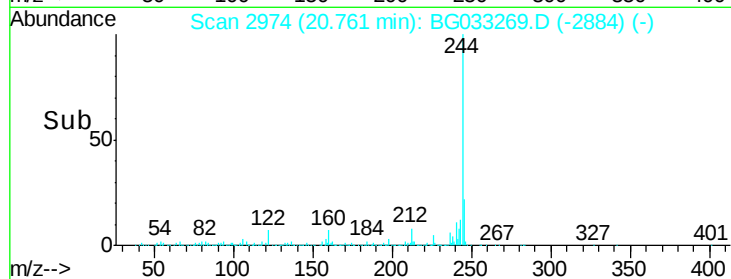
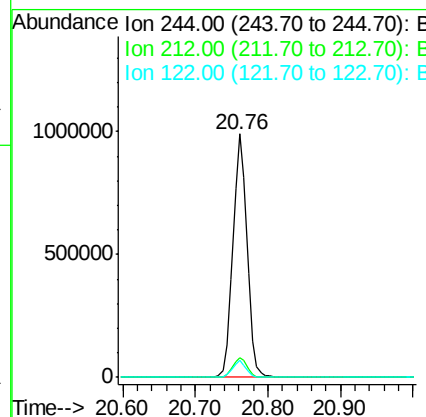
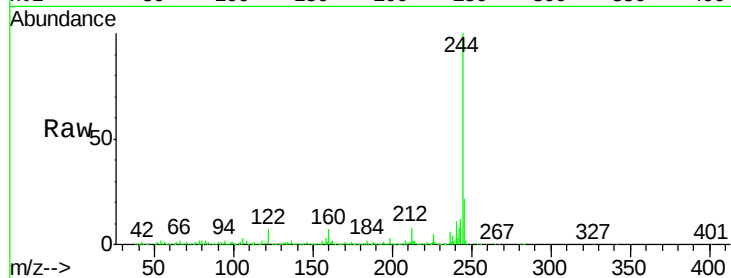




#78
 Terphenyl-d14
 Concen: 83.272 ng
 RT: 20.76 min Scan# 2974
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1340997
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 6.9 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: BG033269.D
 Acq: 20 Mar 2018 16:04

Tgt Ion:264 Resp: 358829
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.4 26.0
 265 23.2 17.7 26.5

