

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031804.D
 Acq On : 27 Dec 2017 19:52
 Operator : SJ/JU
 Sample : I7058-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:19:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

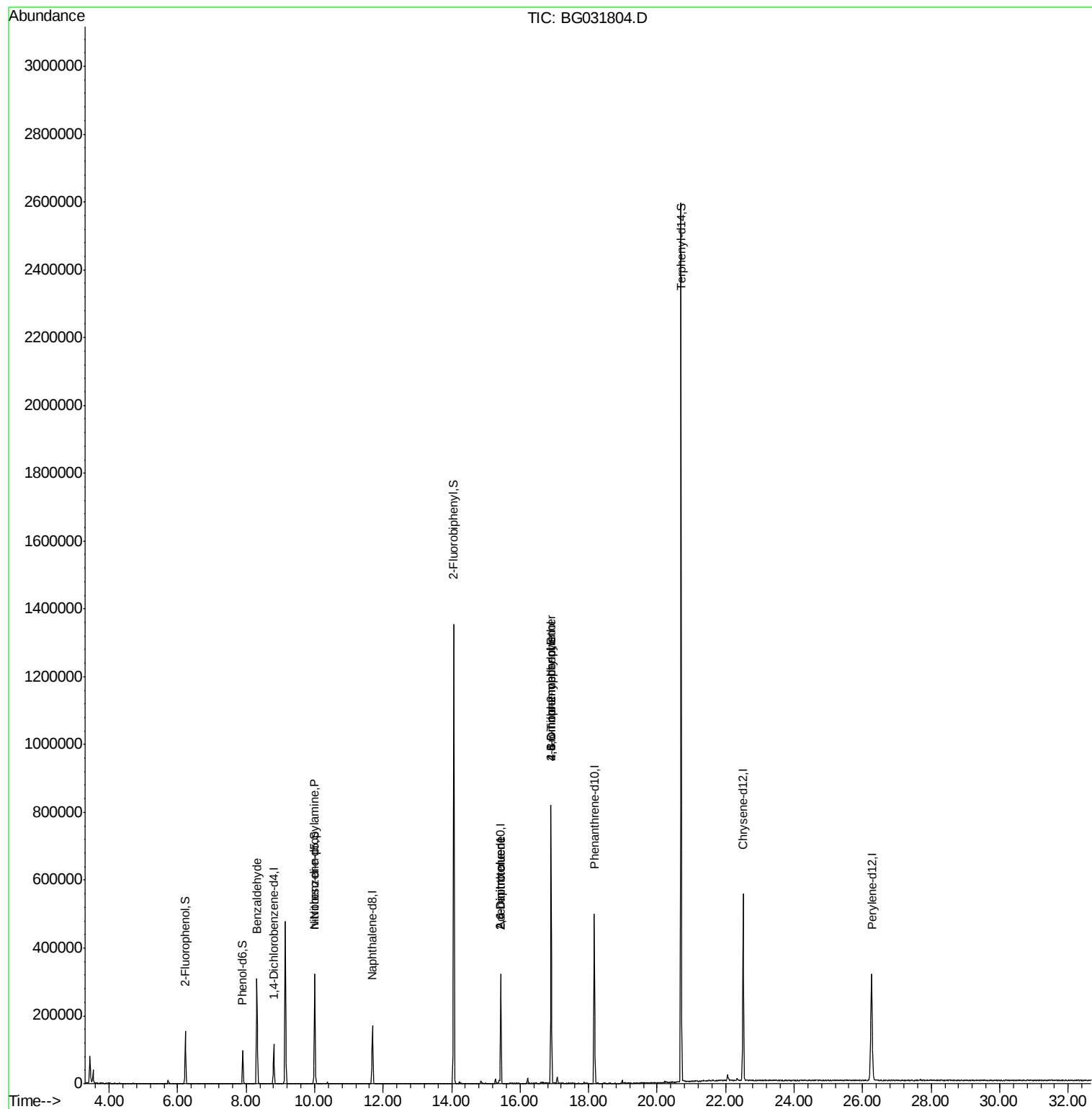
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	40857	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	176226	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	129616	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	355858	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	416118	20.00	ng	-0.06
86) Perylene-d12	26.26	264	443493	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	87341	38.94	ng	-0.03
7) Phenol-d6	7.90	99	69236	23.77	ng	-0.03
23) Nitrobenzene-d5	10.00	82	210146	90.05	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	192983	97.58	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	834414	80.80	ng	-0.04
78) Terphenyl-d14	20.70	244	1503829	82.57	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.31	77	3612	2.060	ng	85
19) n-Nitroso-di-n-propylamine	10.00	70	27267	13.709	ng	# 70
50) 2,6-Dinitrotoluene	15.44	165	16654	7.928	ng	# 18
56) 2,4-Dinitrotoluene	15.44	165	16654	6.166	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.90	198	459	8.525	ng	# 44
66) 4-Bromophenyl-phenylether	16.90	248	14764	2.869	ng	# 1

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

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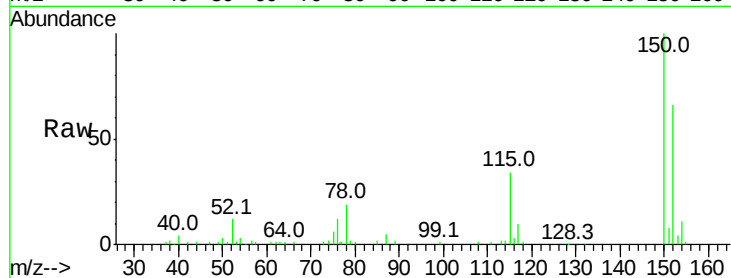


#1

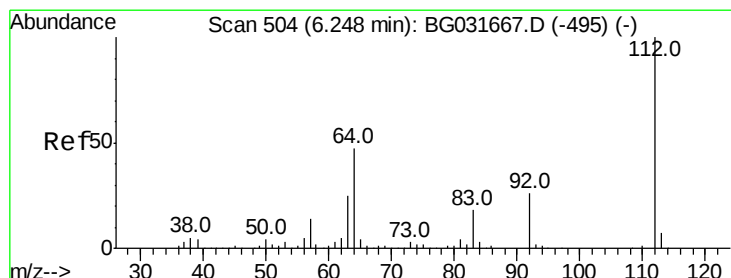
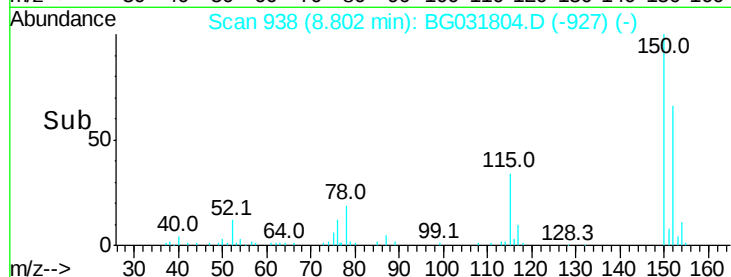
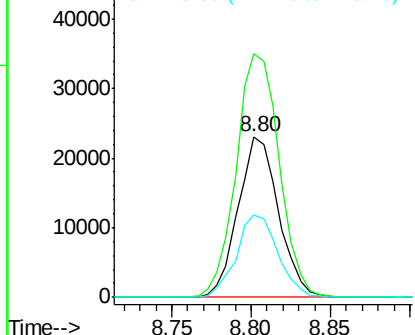
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40857
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 50.8 53.0 79.4#



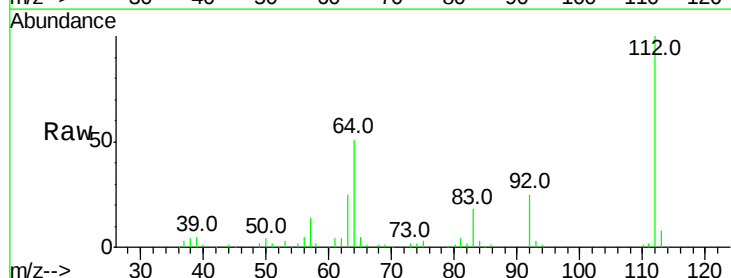
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



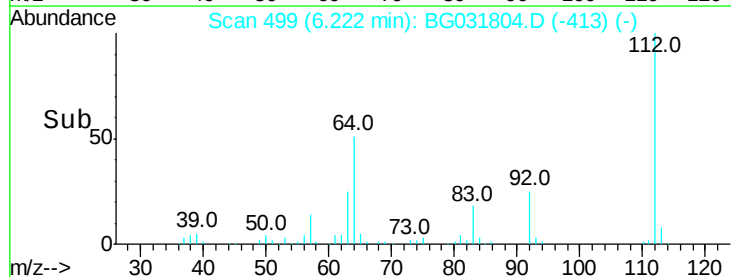
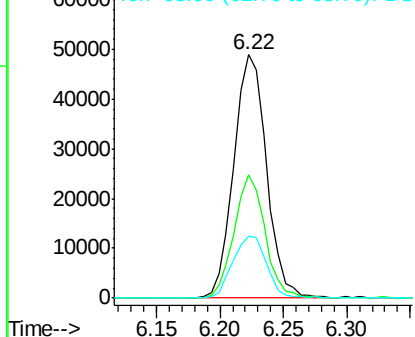
#5

2-Fluorophenol
Concen: 38.936 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Tgt Ion:112 Resp: 87341
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 25.5 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: 23.773 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.03 min

Lab File: BG031804.D

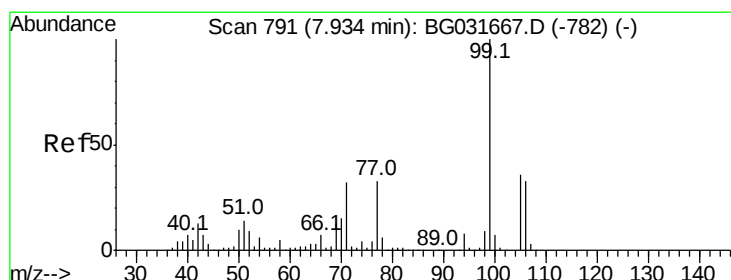
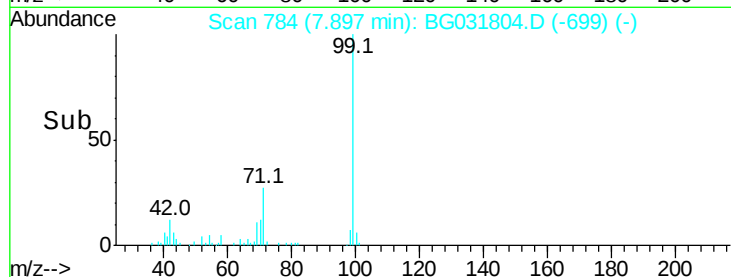
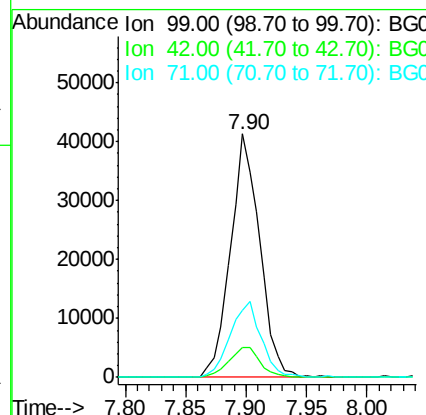
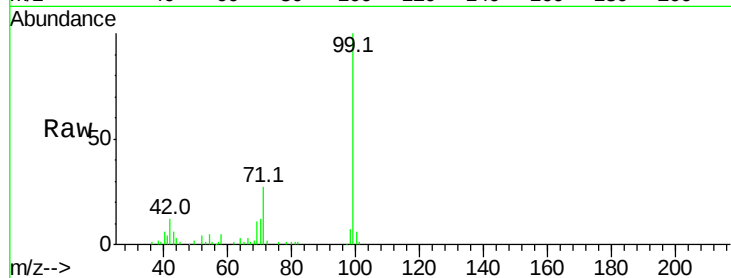
Acq: 27 Dec 2017 19:52

Instrument :

BNA_G

ClientSampled :

Tot Ion:	99	Resp:	69236
Ion	Ratio	Lower	Upper
99	100		
42	12.2	14.1	21.1#
71	27.3	26.1	39.1



#9

Benzaldehyde

Concen: 2.060 ng

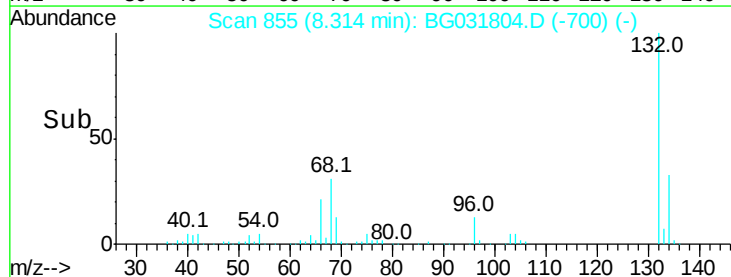
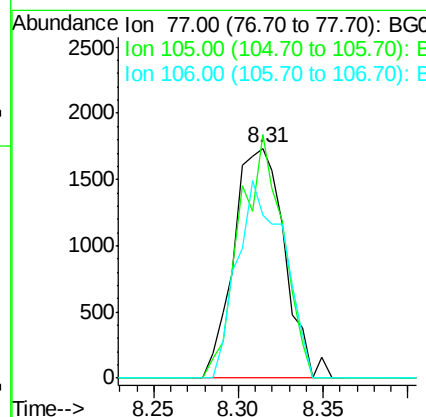
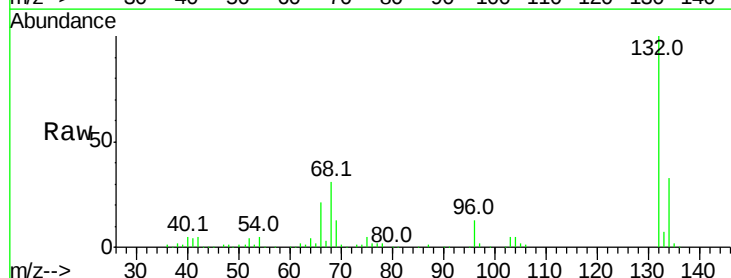
RT: 8.31 min Scan# 855

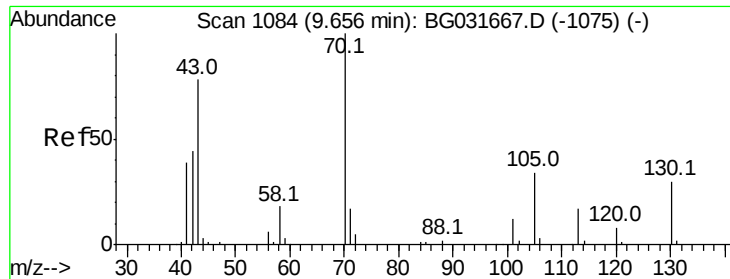
Delta R.T. 0.38 min

Lab File: BG031804.D

Acq: 27 Dec 2017 19:52

Tgt Ion:	77	Resp:	3612
Ion	Ratio	Lower	Upper
77	100		
105	106.1	71.3	111.3
106	71.0	64.2	104.2

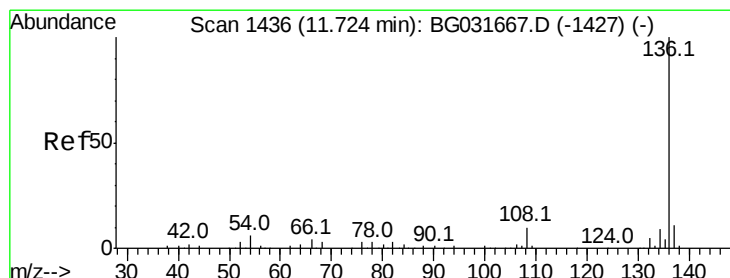
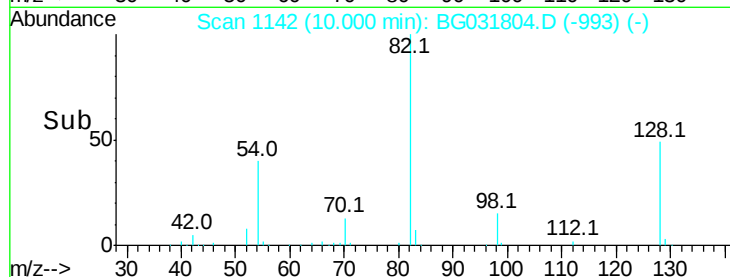
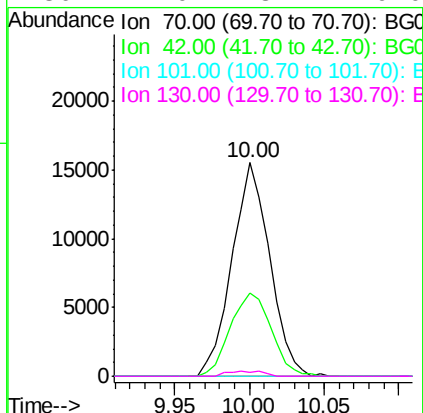
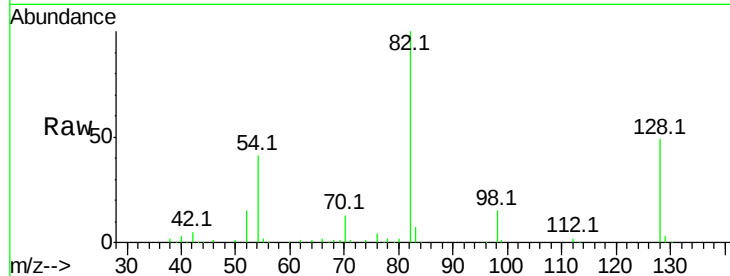




#19
n-Nitroso-di-n-propylamine
Concen: 13.709 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.34 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

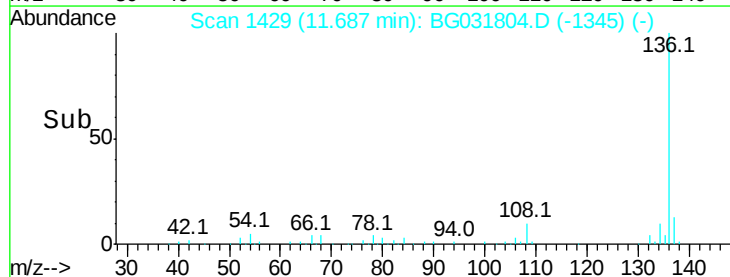
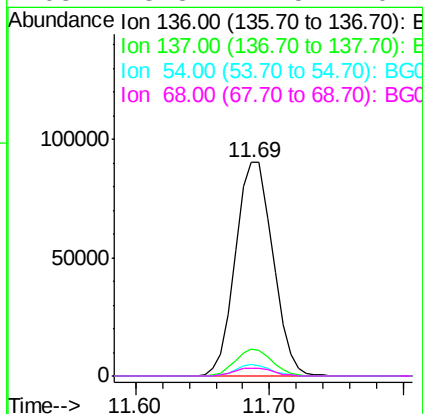
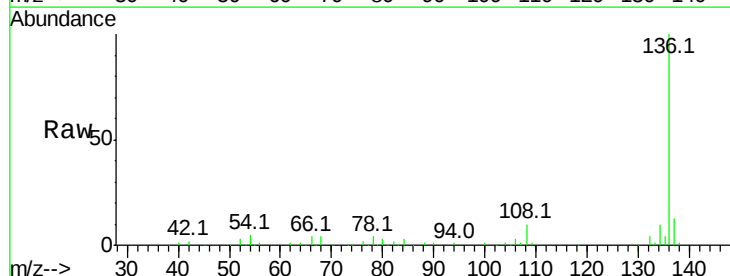
Instrument :
BNA_G
ClientSampleId :

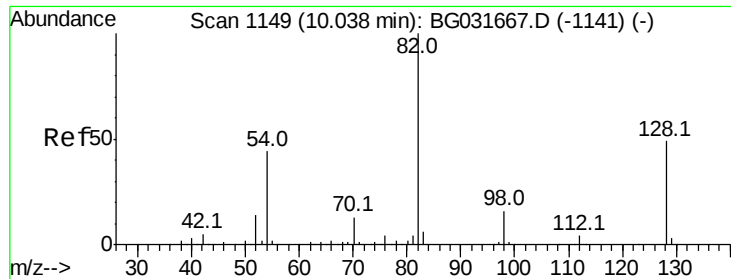
Tot Ion: 70 Resp: 27267
Ion Ratio Lower Upper
70 100
42 39.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Tgt Ion: 136 Resp: 176226
Ion Ratio Lower Upper
136 100
137 12.8 9.2 13.8
54 5.2 10.3 15.5#
68 3.8 4.5 6.7#

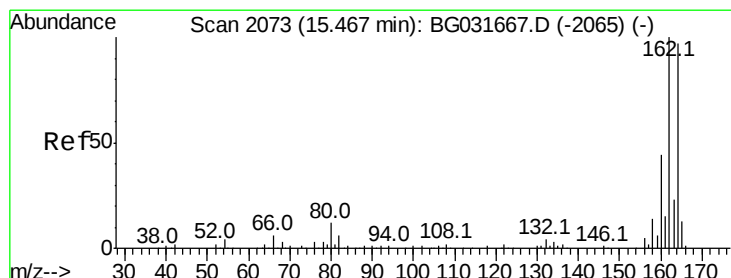
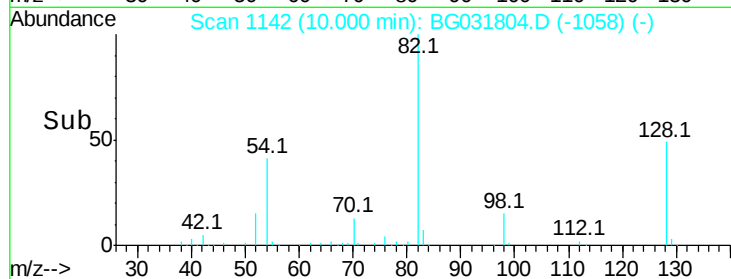
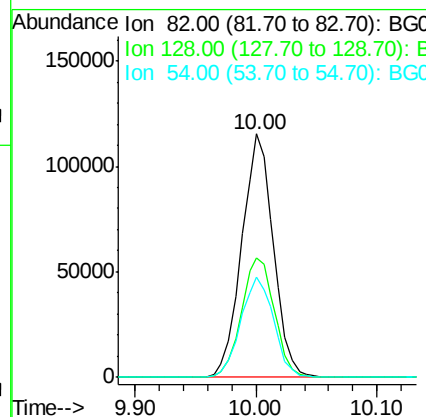
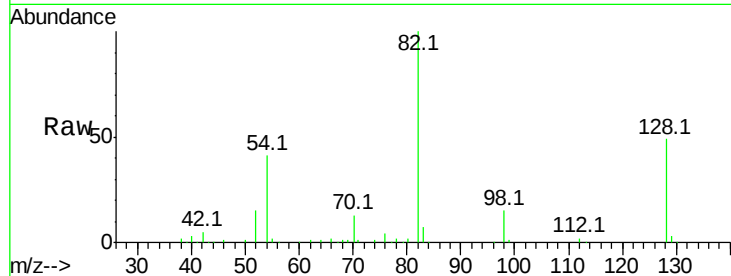




#23
 Nitrobenzene-d5
 Concen: 90.047 ng
 RT: 10.00 min Scan# 1142
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

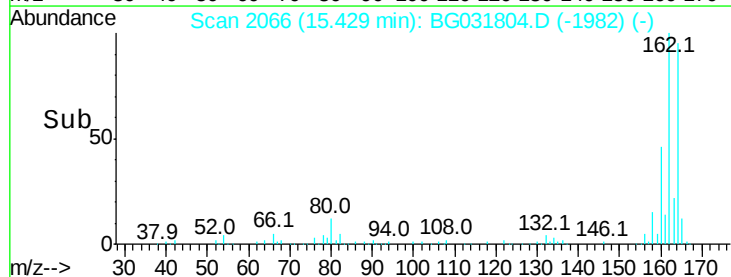
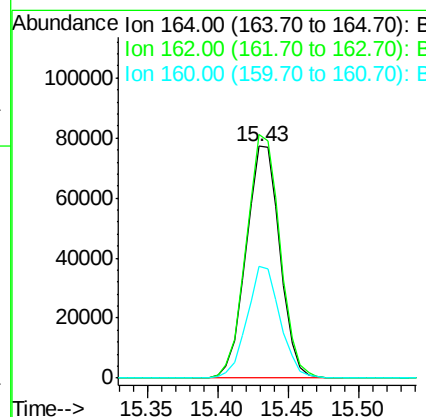
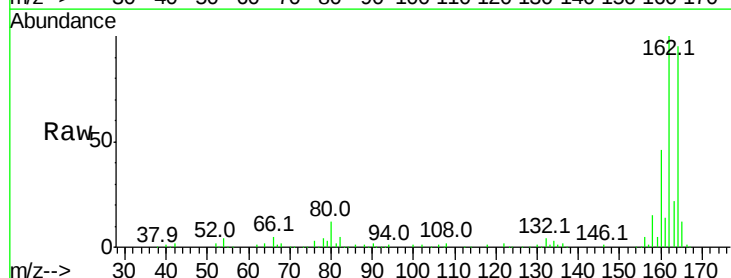
Instrument :
 BNA_G
 ClientSampleId :

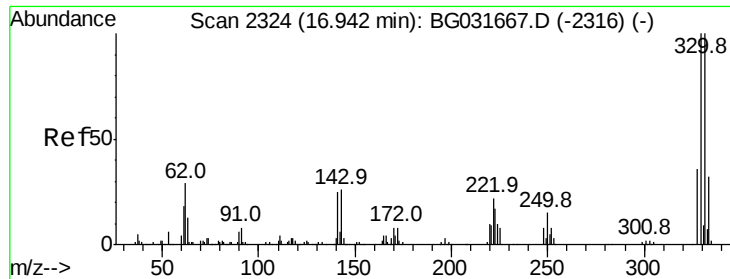
Tot Ion	82	Resp	210146
Ion Ratio	100	Lower	Upper
128	49.2	29.7	44.5#
54	41.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Tgt Ion	164	Resp	129616
Ion Ratio	100	Lower	Upper
162	105.1	78.8	118.2
160	48.2	35.4	53.0

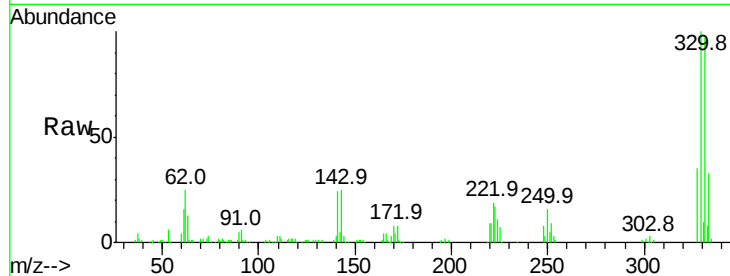




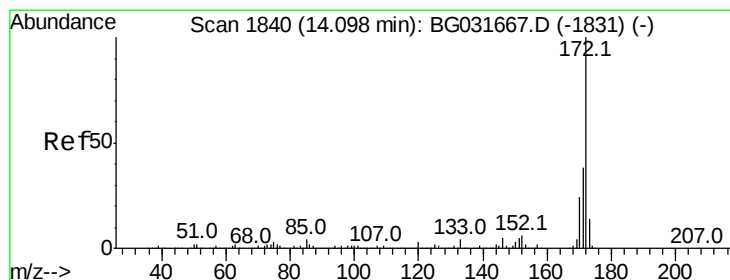
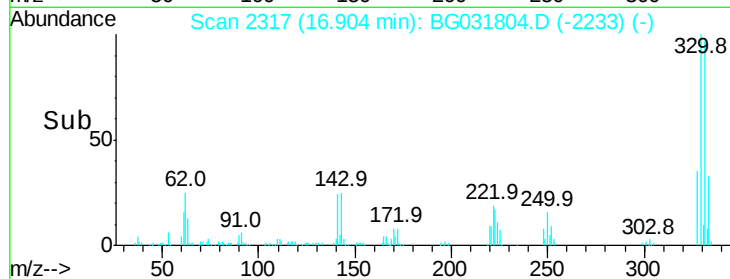
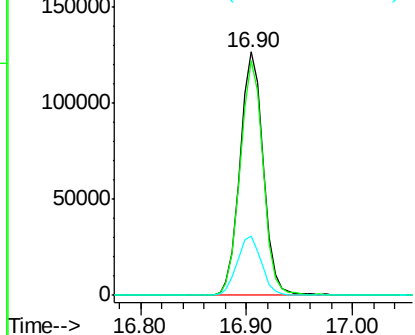
#41
 2,4,6-Tribromophenol
 Concen: 97.577 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	25.0	25.2	37.8#

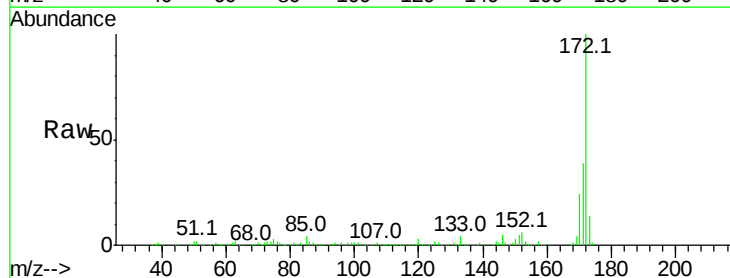


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

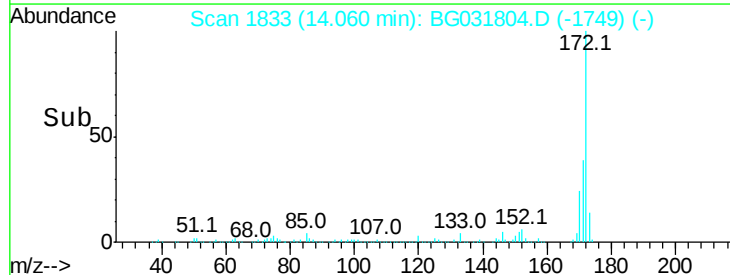
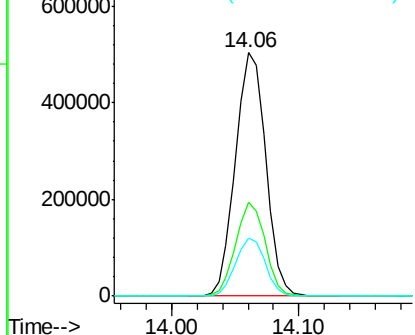


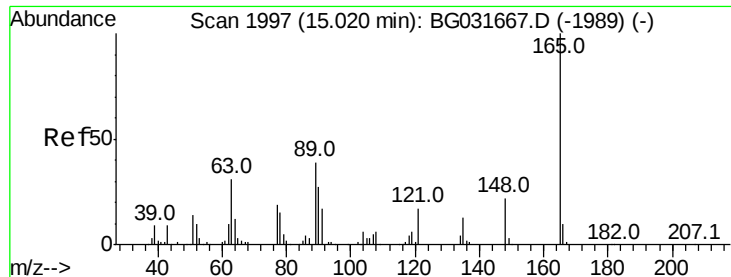
#44
 2-Fluorobiphenyl
 Concen: 80.800 ng
 RT: 14.06 min Scan# 1833
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	23.6	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

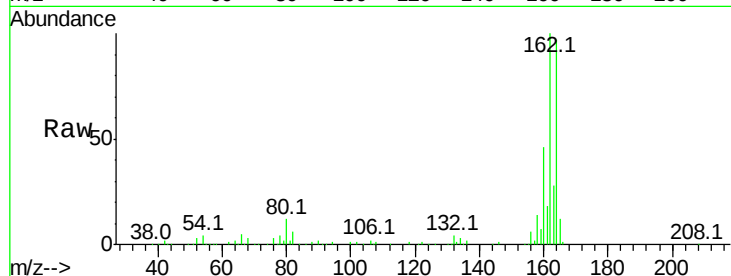




#50
2,6-Dinitrotoluene
Concen: 7.928 ng
RT: 15.44 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

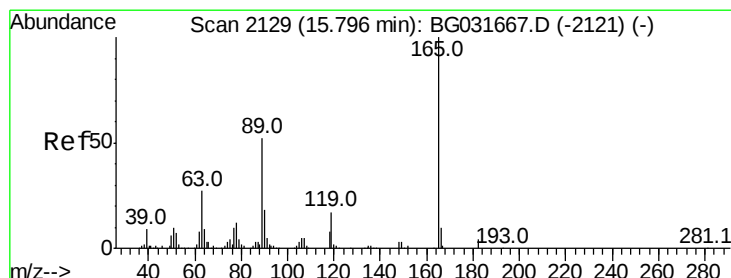
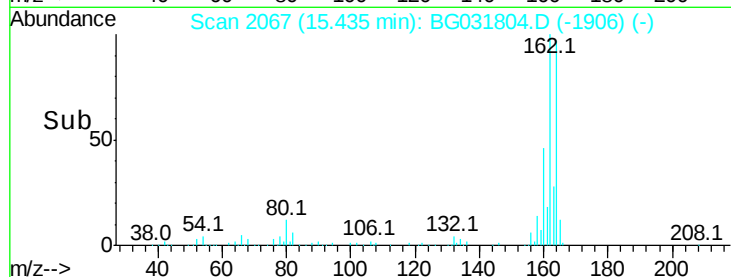
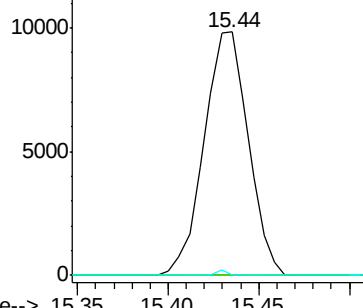
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

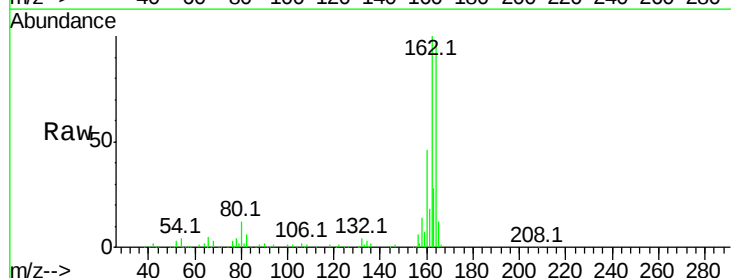
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#56
2,4-Dinitrotoluene
Concen: 6.166 ng
RT: 15.44 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Tgt 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#

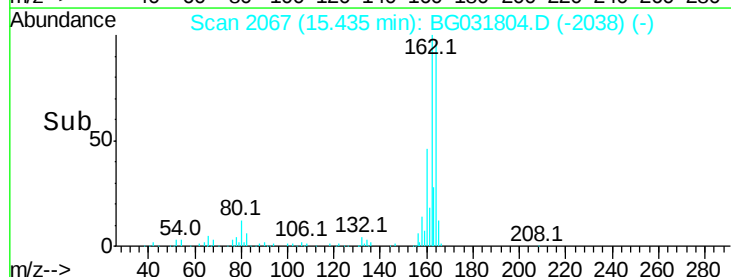
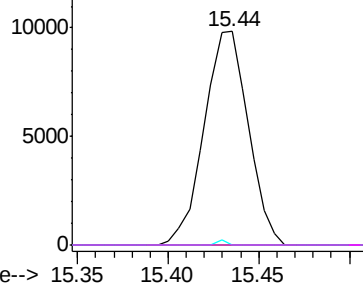


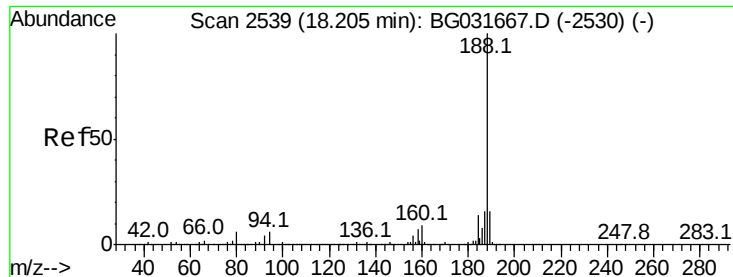
Abundance Ion 165.00 (164.70 to 165.70): E

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

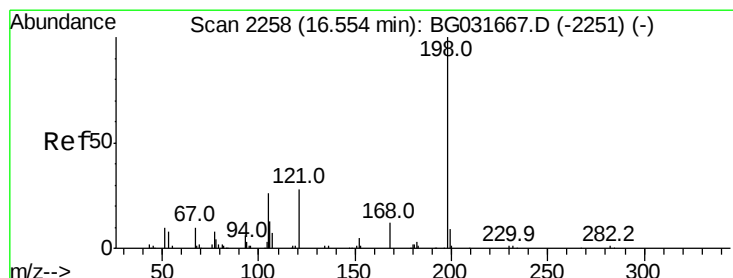
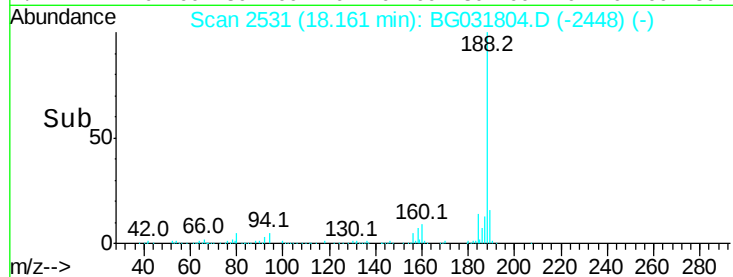
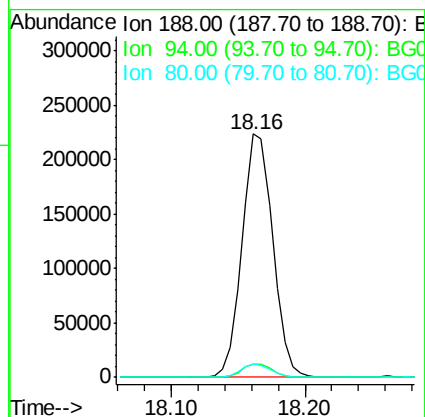
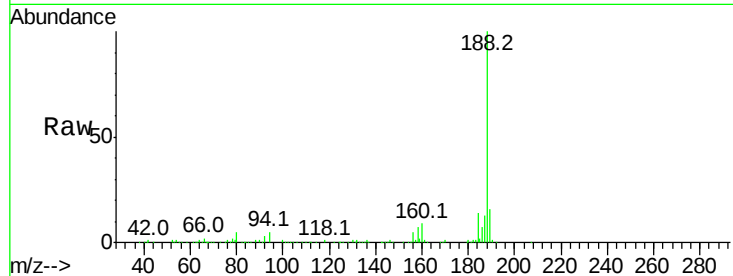




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

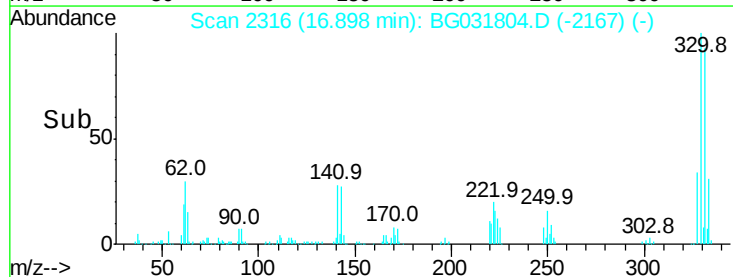
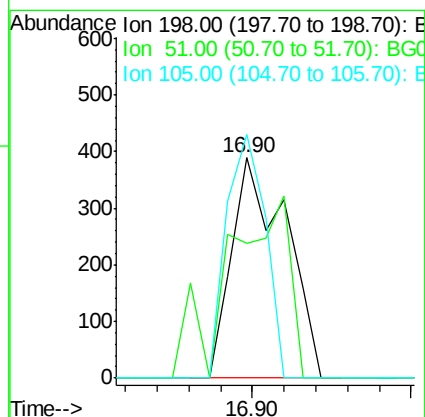
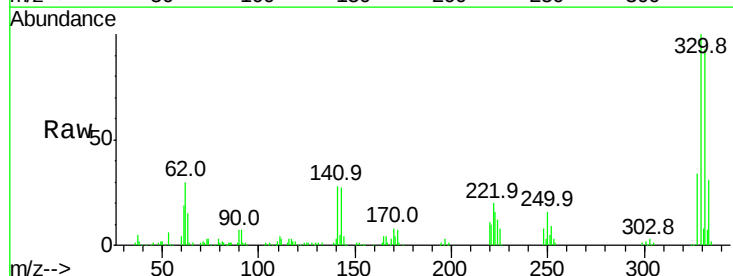
Instrument :
 BNA_G
 ClientSampleId :

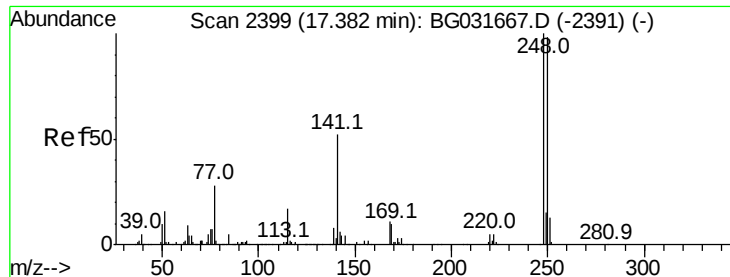
Tot Ion:188 Resp: 355858
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 5.5 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.525 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. 0.35 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Tgt Ion:198 Resp: 459
 Ion Ratio Lower Upper
 198 100
 51 61.4 30.6 70.6
 105 110.5 23.8 63.8#

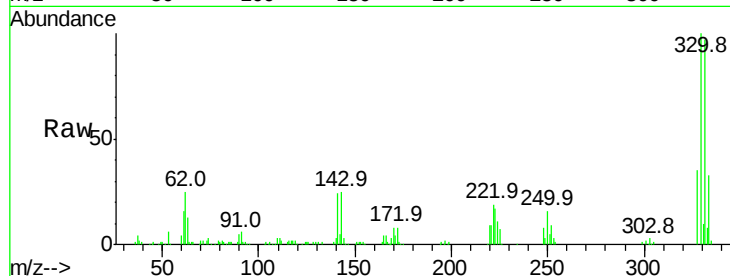




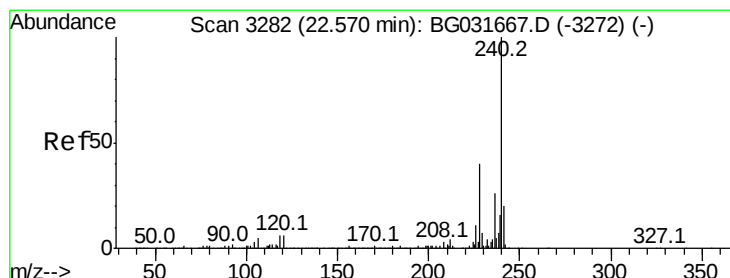
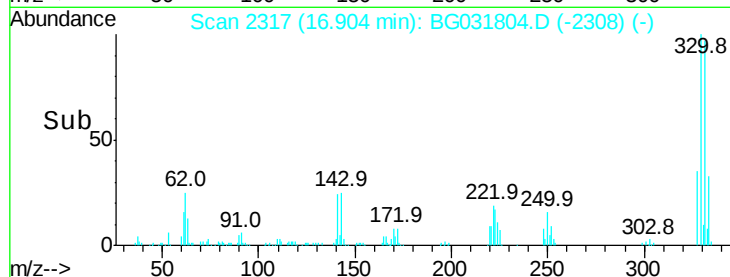
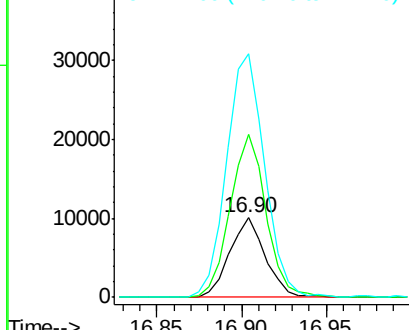
#66
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14764
Ion Ratio Lower Upper
248 100
250 205.5 77.1 115.7#
141 306.3 50.8 76.2#

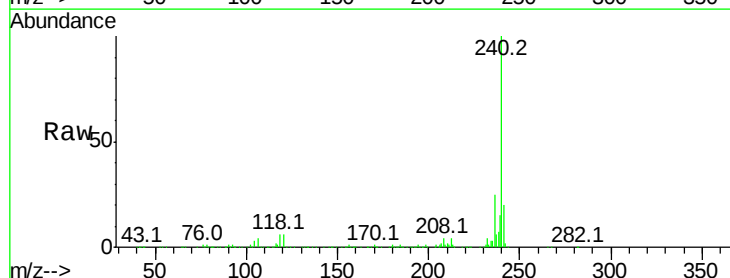


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

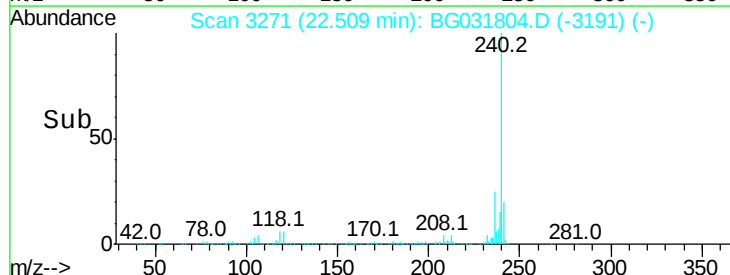
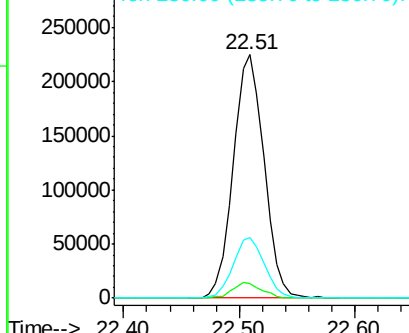


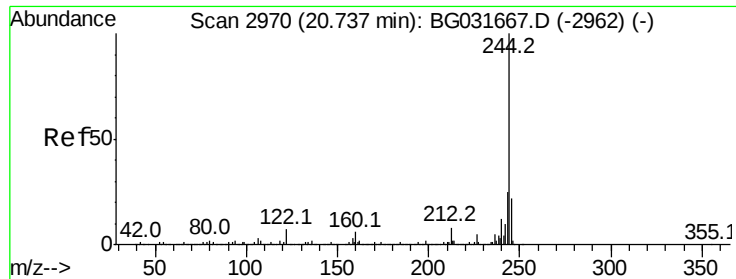
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031804.D
Acq: 27 Dec 2017 19:52

Tgt Ion:240 Resp: 416118
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.7 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

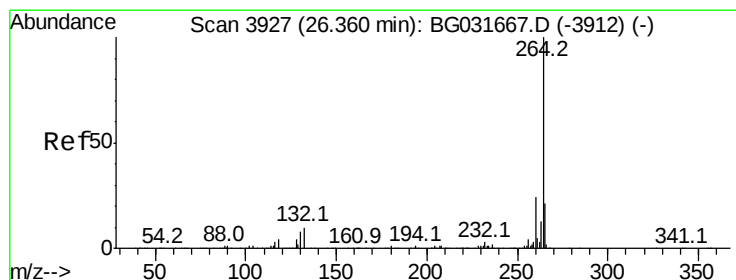
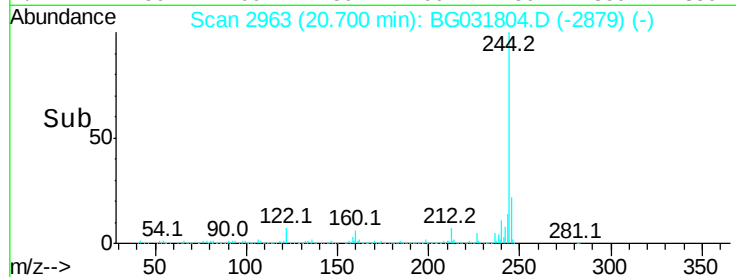
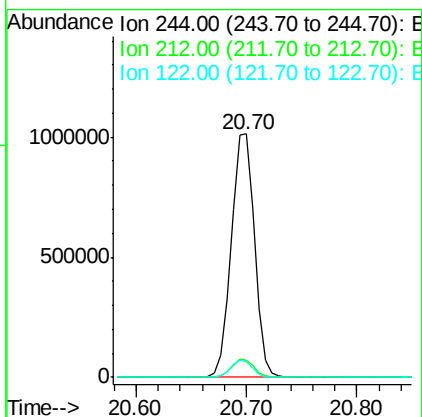
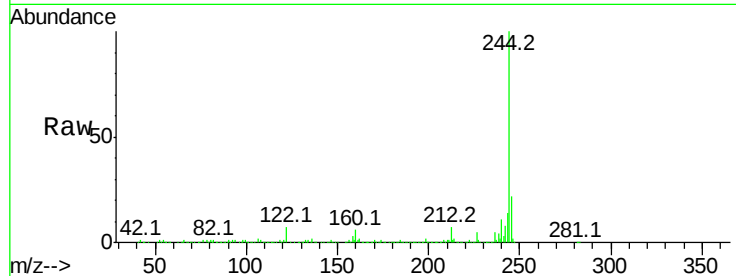




#78
 Terphenyl-d14
 Concen: 82.566 ng
 RT: 20.70 min Scan# 2963
 Delta R.T. -0.04 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1503829
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 6.6 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3909
 Delta R.T. -0.10 min
 Lab File: BG031804.D
 Acq: 27 Dec 2017 19:52

Tgt Ion:264 Resp: 443493
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.0 17.7 26.5

