

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031805.D
 Acq On : 27 Dec 2017 20:29
 Operator : SJ/JU
 Sample : I7058-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:20:23 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

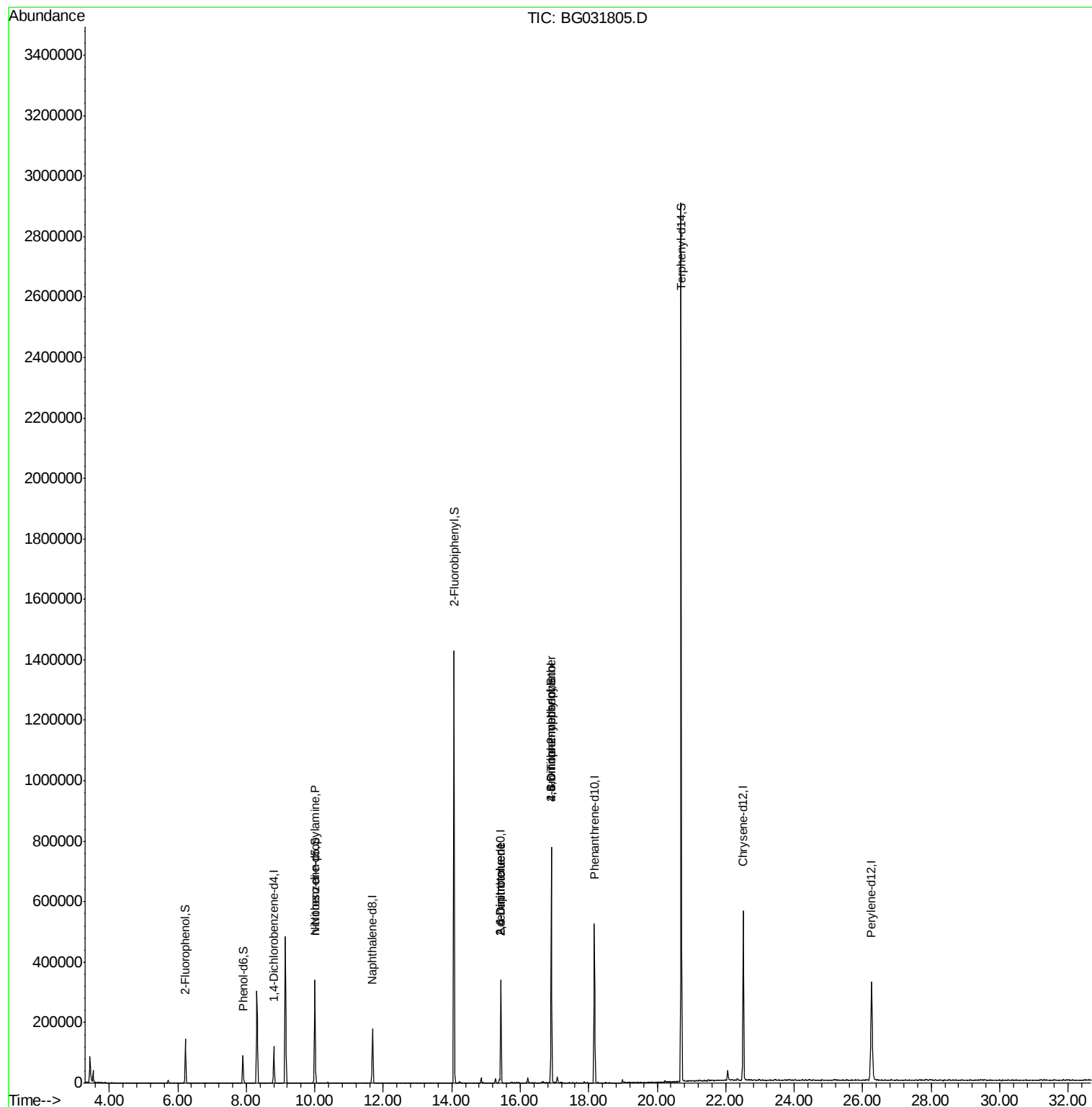
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43128	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	177558	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	132393	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	358869	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	435970	20.00	ng	-0.06
86) Perylene-d12	26.26	264	463043	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	82067	34.66	ng	-0.02
7) Phenol-d6	7.90	99	63074	20.52	ng	-0.03
23) Nitrobenzene-d5	10.00	82	220872	93.93	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	189126	93.62	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	851095	80.69	ng	-0.04
78) Terphenyl-d14	20.70	244	1546874	81.06	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.00	70	27828	13.254	ng	# 68
50) 2,6-Dinitrotoluene	15.43	165	17911	8.348	ng	# 19
56) 2,4-Dinitrotoluene	15.43	165	17911	6.492	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.91	198	422	8.506	ng	# 43
66) 4-Bromophenyl-phenylether	16.91	248	14436	2.782	ng	# 1

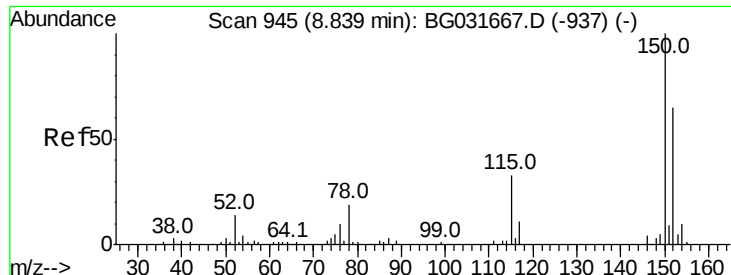
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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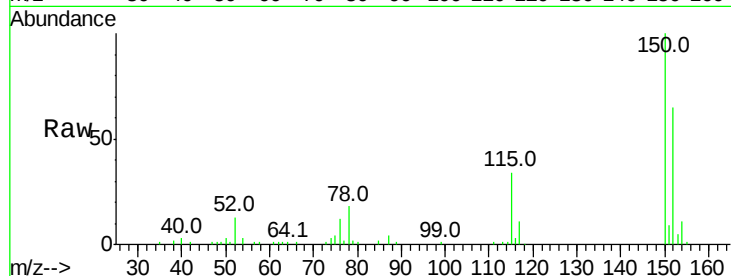


#1

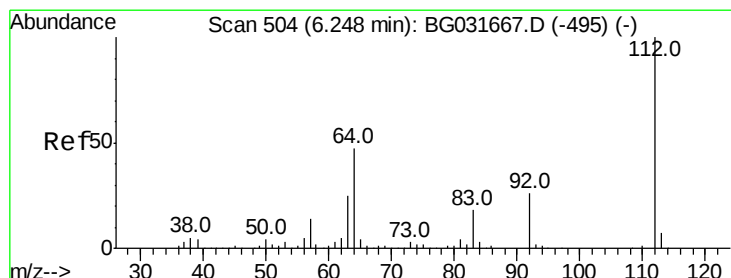
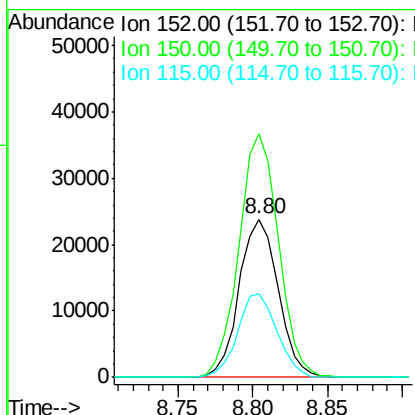
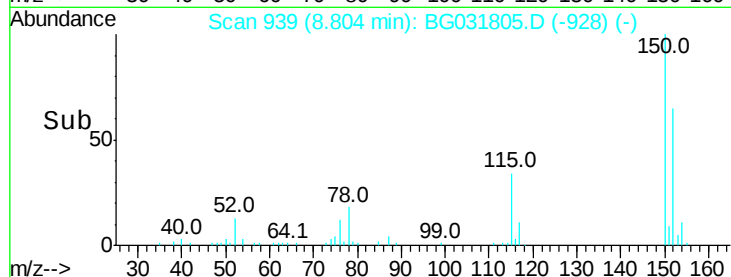
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43128
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 52.8 53.0 79.4#



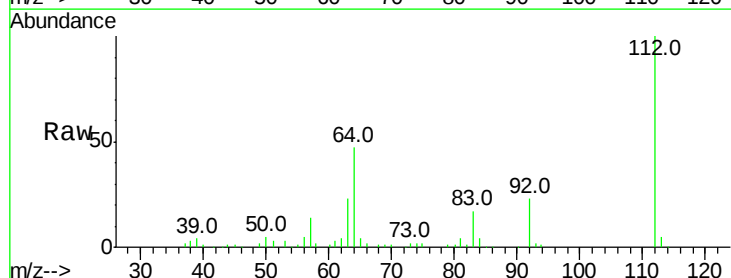
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



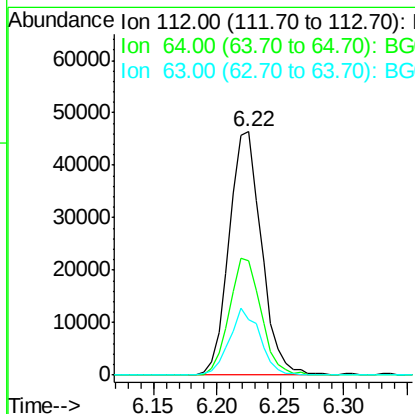
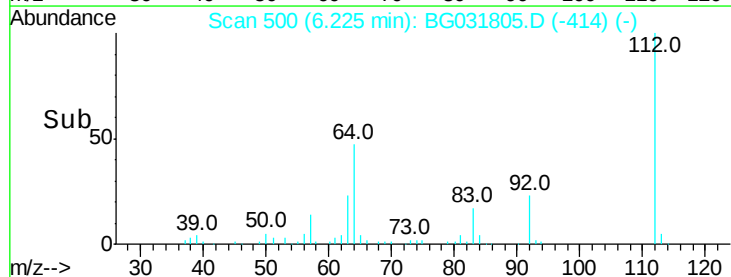
#5

2-Fluorophenol
Concen: 34.659 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Tgt Ion:112 Resp: 82067
Ion Ratio Lower Upper
112 100
64 47.0 56.3 84.5#
63 22.6 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: 20.517 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

Instrument :

BNA_G

ClientSampled :

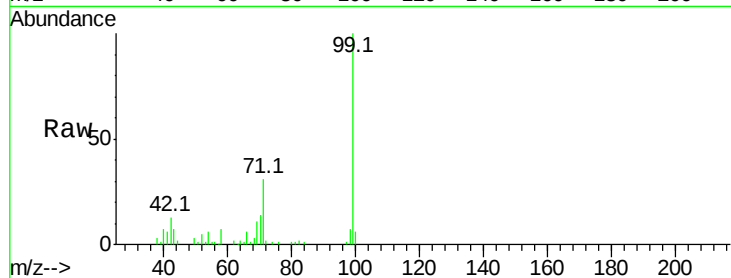
Tot Ion: 99 Resp: 63074

Ion Ratio Lower Upper

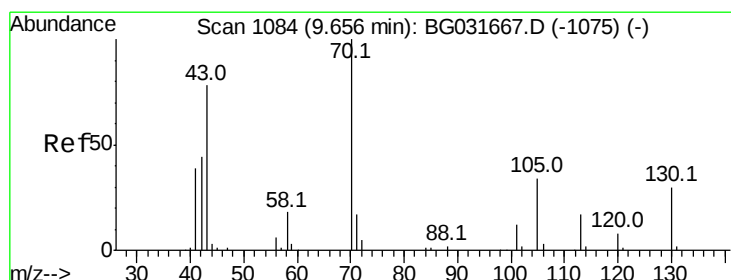
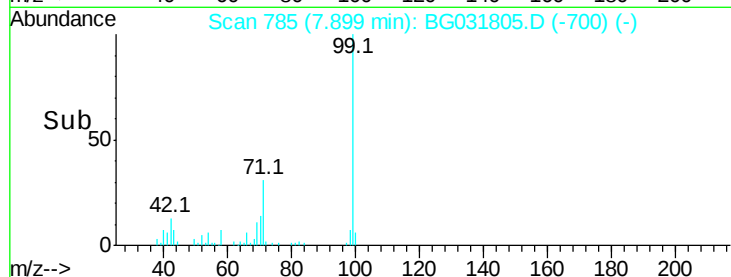
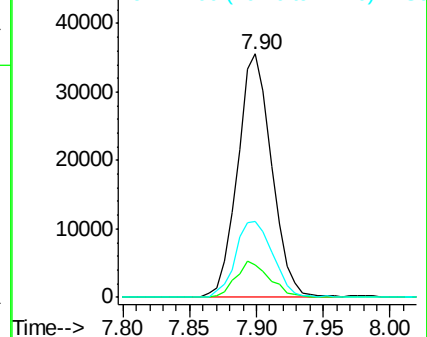
99 100

42 13.2 14.1 21.1#

71 31.4 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: 13.254 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.35 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

Tgt Ion: 70 Resp: 27828

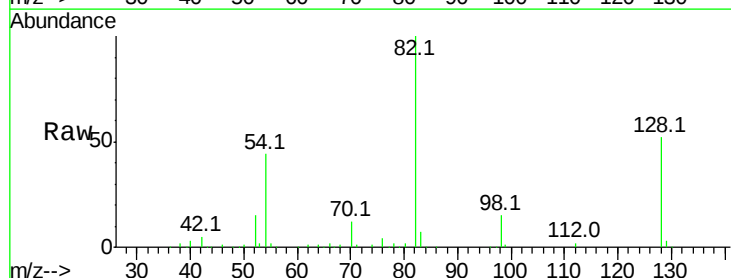
Ion Ratio Lower Upper

70 100

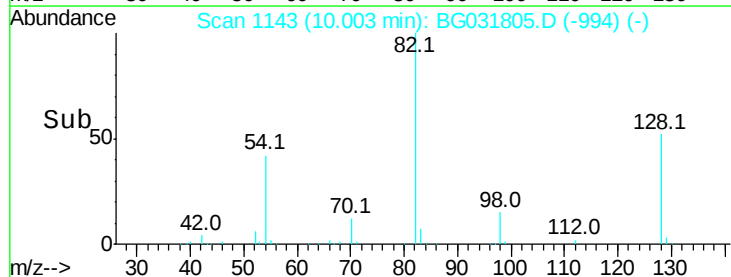
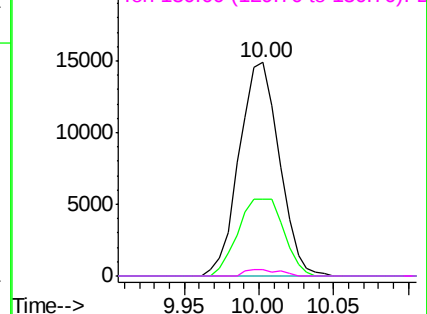
42 36.2 49.1 73.7#

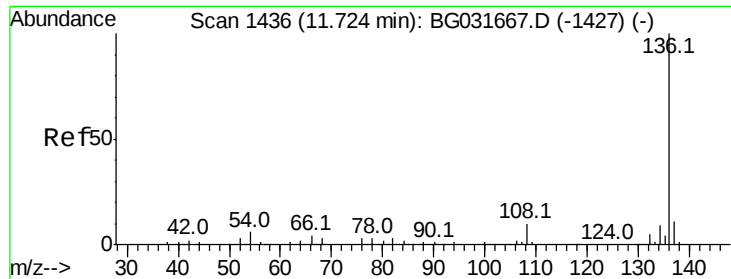
101 0.0 8.5 12.7#

130 2.8 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

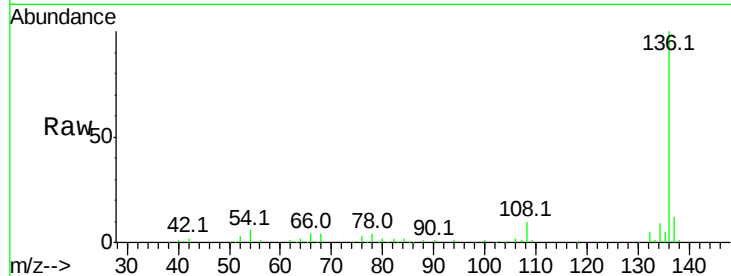




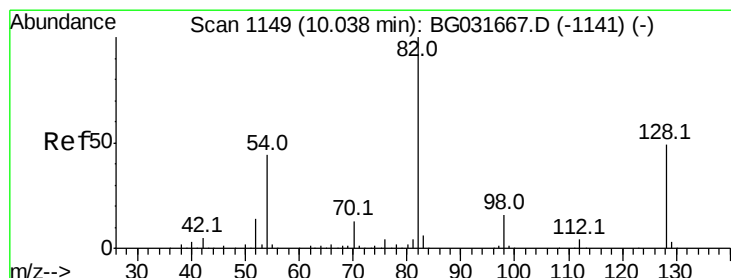
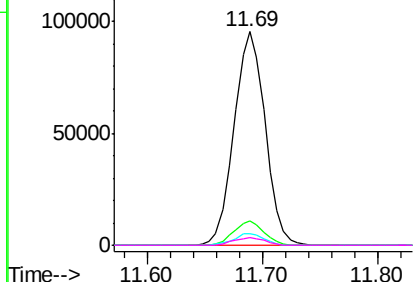
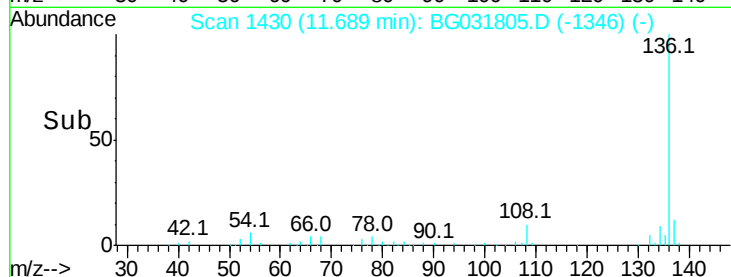
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	177558
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	5.7	10.3 15.5#
68	3.6	4.5 6.7#

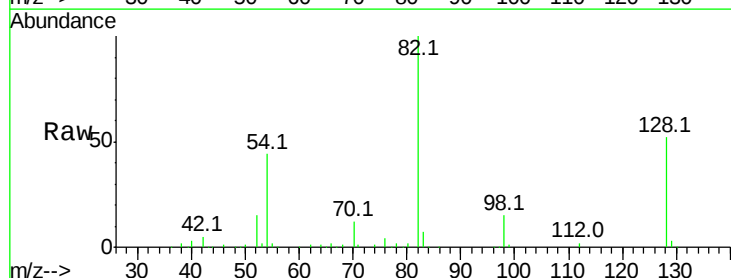


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

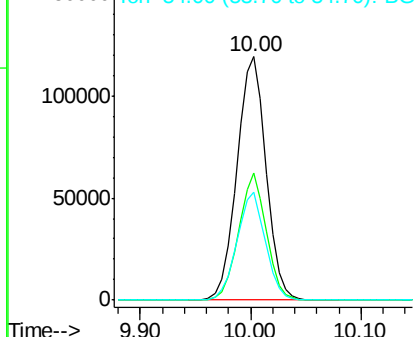
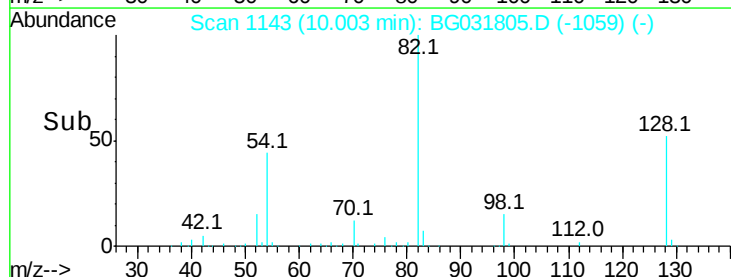


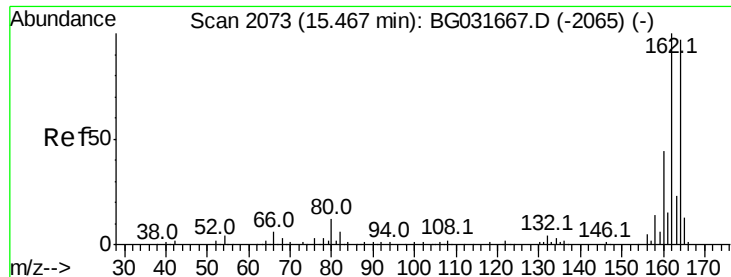
#23
Nitrobenzene-d5
Concen: 93.933 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Tgt Ion: 82	Resp:	220872
Ion Ratio	Lower	Upper
82	100	
128	52.1	29.7 44.5#
54	44.5	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

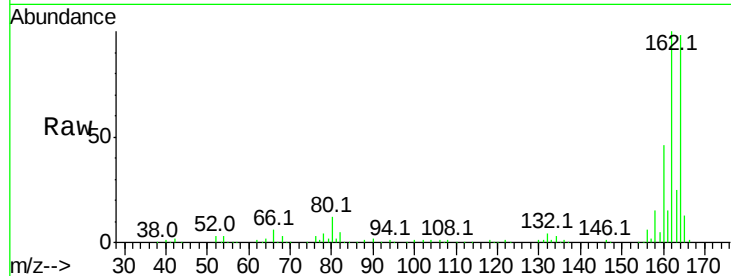




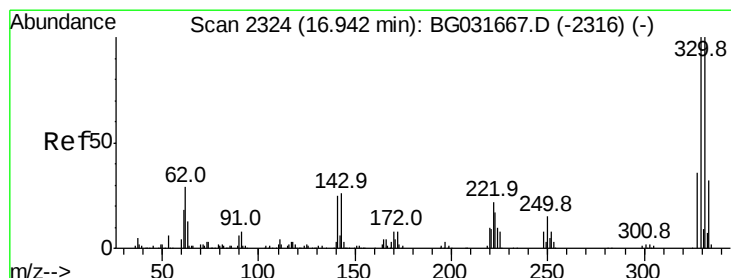
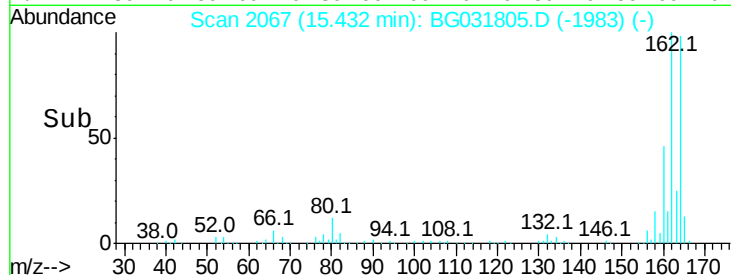
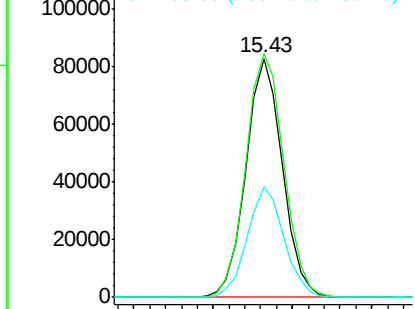
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.04 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 132393
Ion Ratio Lower Upper
164 100
162 102.1 78.8 118.2
160 46.5 35.4 53.0

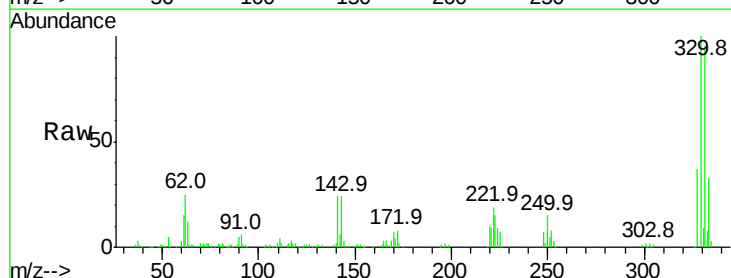


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

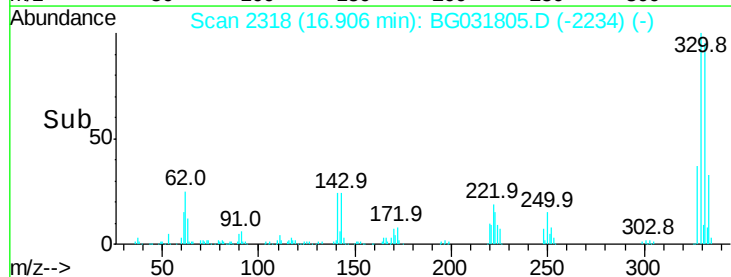
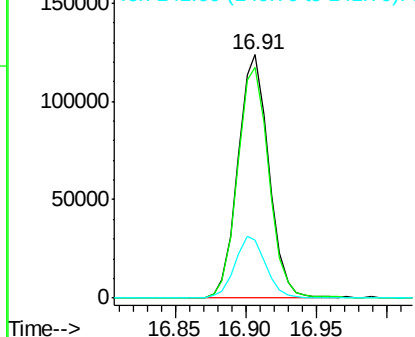


#41
2,4,6-Tribromophenol
Concen: 93.621 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.04 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Tgt Ion:330 Resp: 189126
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 25.3 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

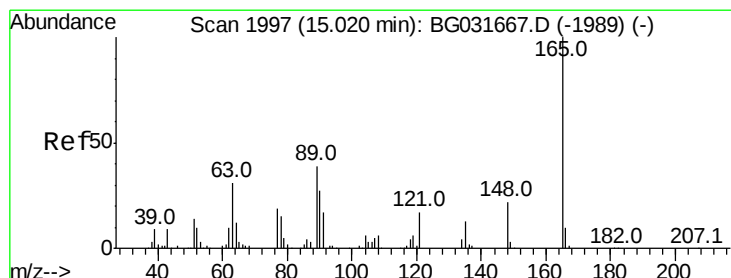
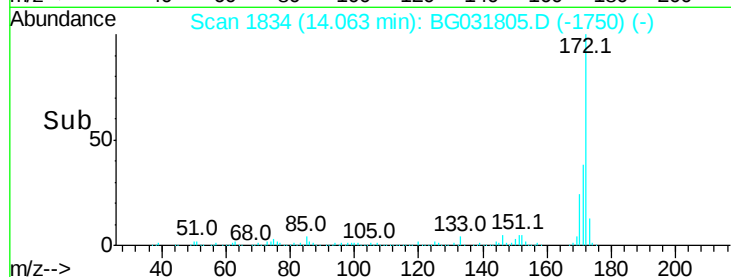
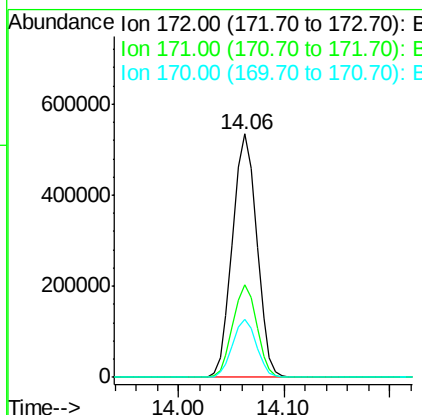
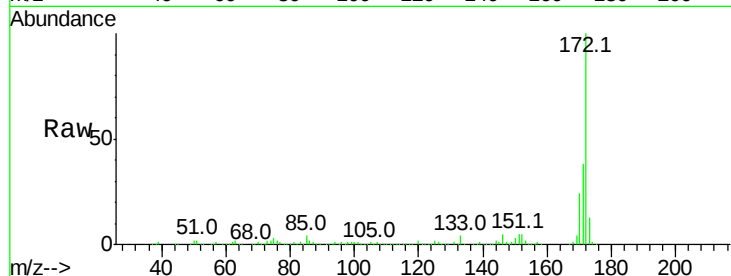




#44
 2-Fluorobiphenyl
 Concen: 80.687 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

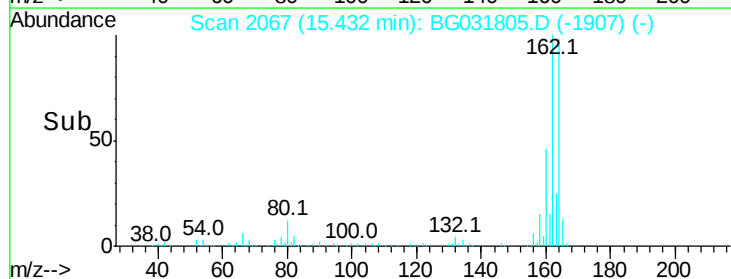
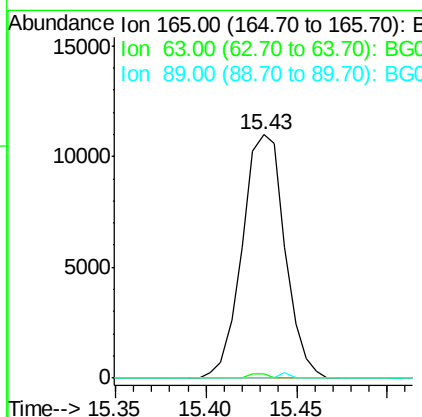
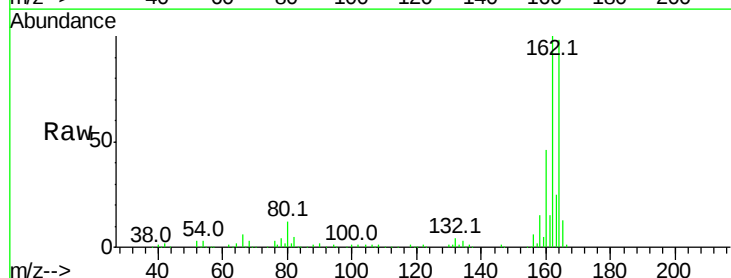
Instrument :
 BNA_G
 ClientSampleId :

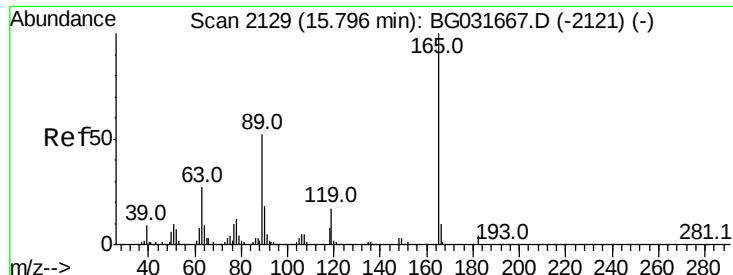
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.0	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.348 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	0.0	49.2	73.8#

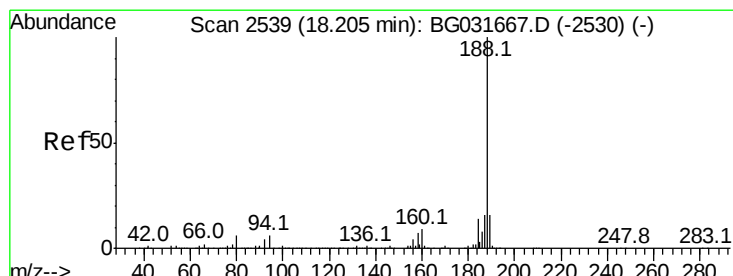
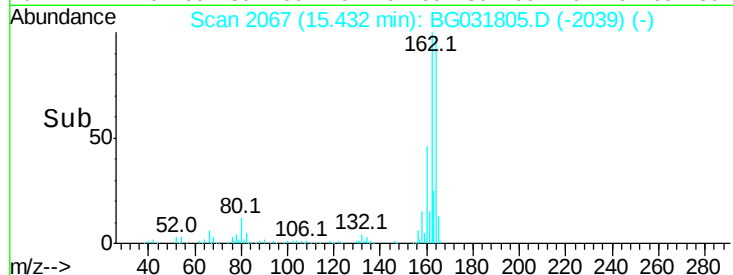
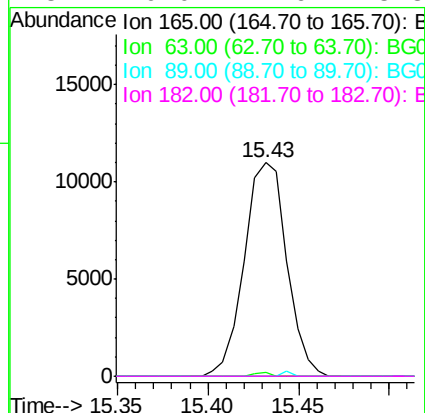
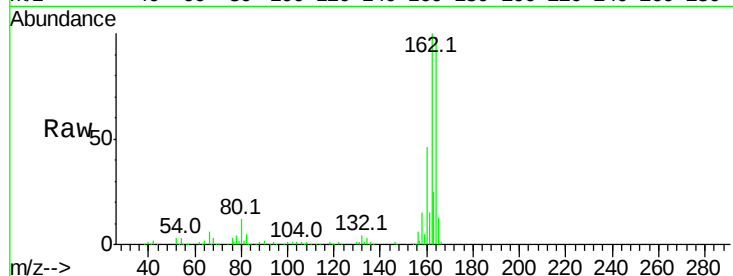




#56
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

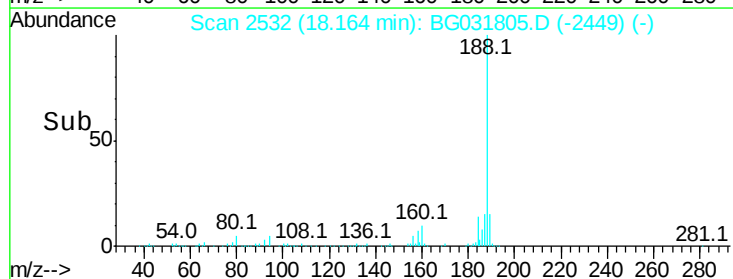
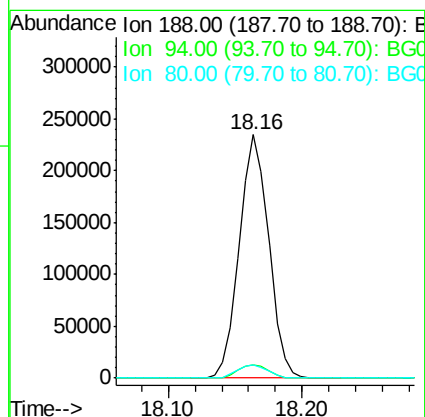
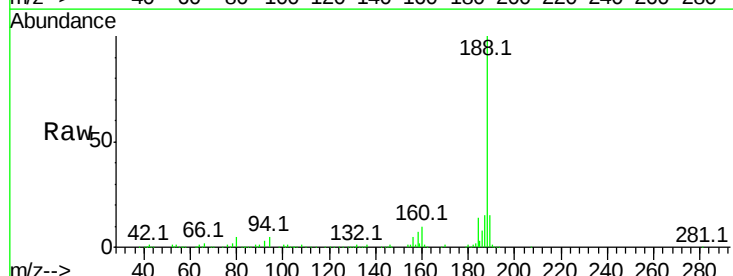
Instrument :
BNA_G
ClientSampleId :

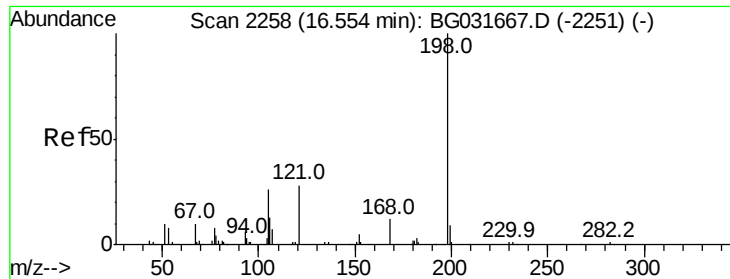
Tot Ion:165 Resp: 17911
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031805.D
Acq: 27 Dec 2017 20:29

Tgt Ion:188 Resp: 358869
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 5.3 7.7 11.5#

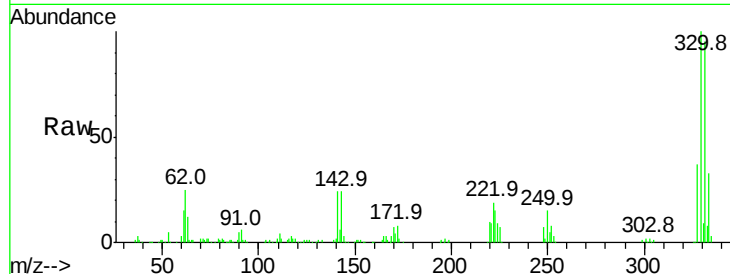




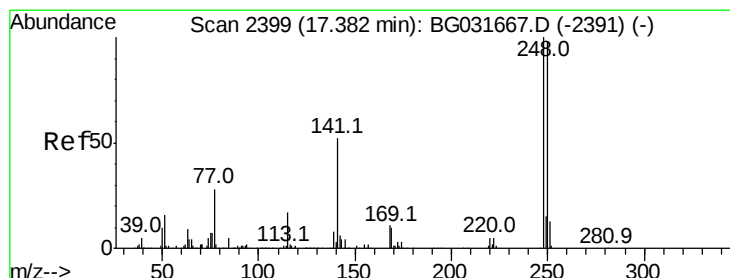
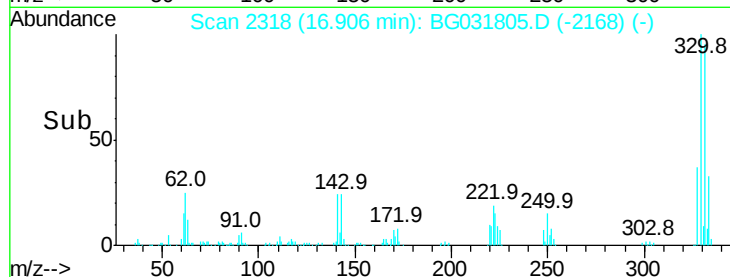
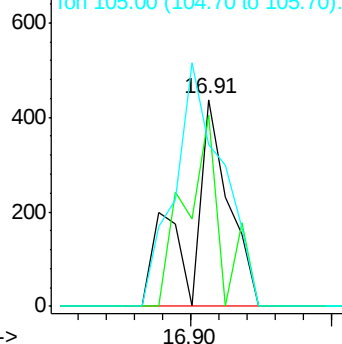
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.506 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. 0.35 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 422
 Ion Ratio Lower Upper
 198 100
 51 92.2 30.6 70.6#
 105 78.3 23.8 63.8#

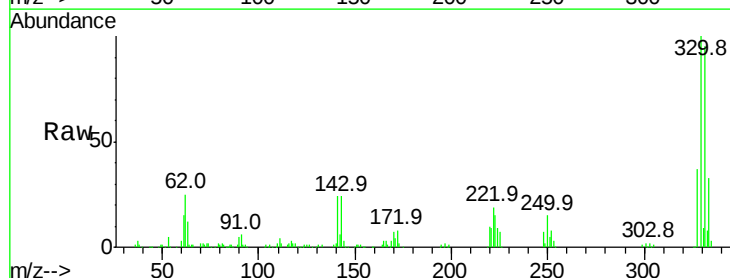


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

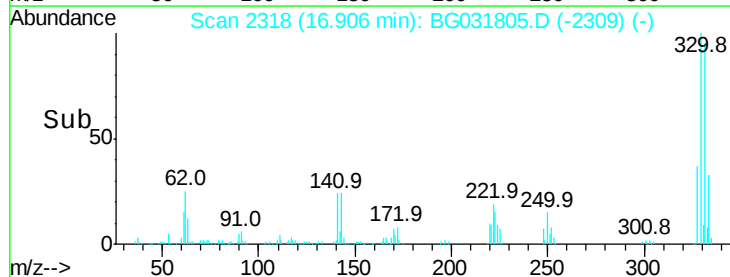
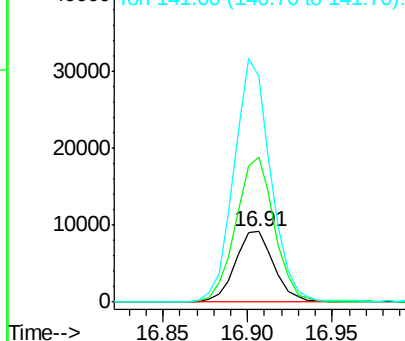


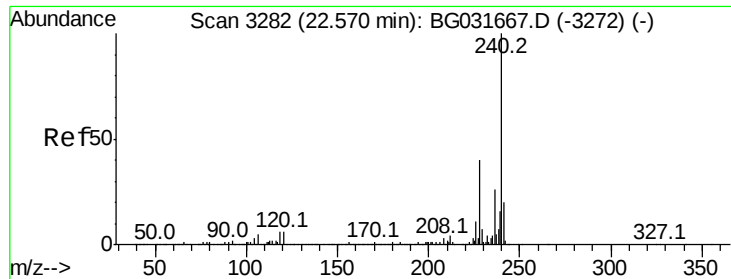
#66
 4-Bromophenyl-phenylether
 Concen: 2.782 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.48 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

Tgt Ion:248 Resp: 14436
 Ion Ratio Lower Upper
 248 100
 250 206.8 77.1 115.7#
 141 322.2 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# 3272

Delta R.T. -0.06 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

Instrument :

BNA_G

ClientSampleId :

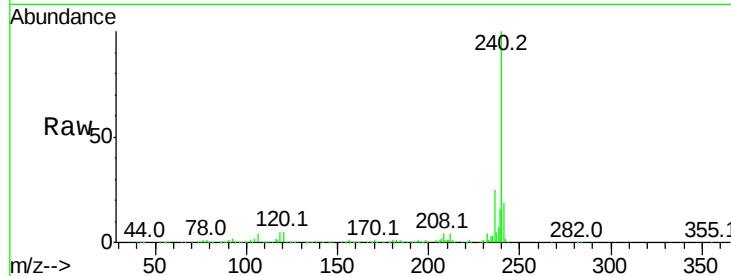
Tot Ion:240 Resp: 435970

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

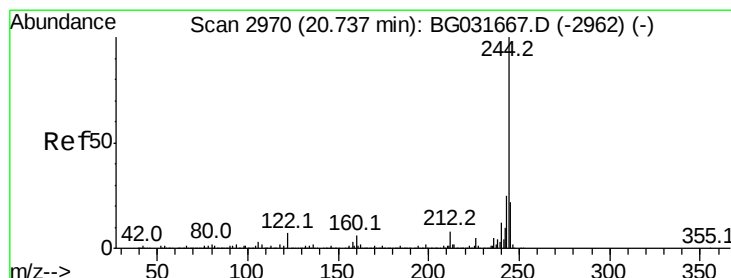
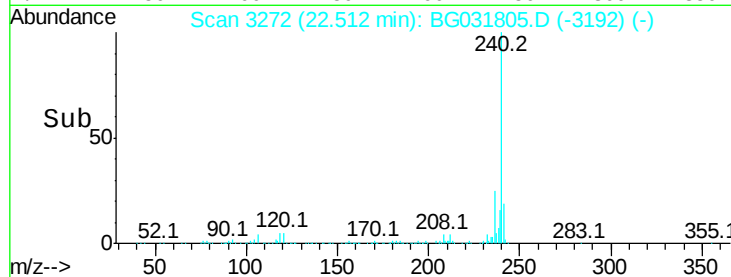
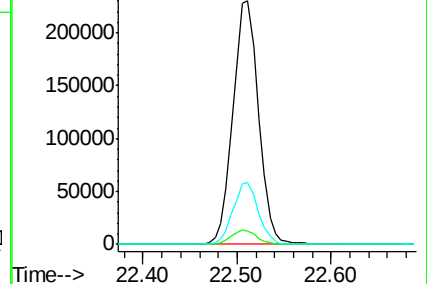
236 25.2 20.9 31.3



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: 81.062 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031805.D

Acq: 27 Dec 2017 20:29

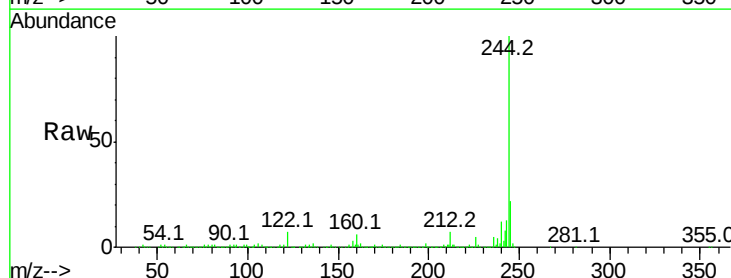
Tgt Ion:244 Resp: 1546874

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

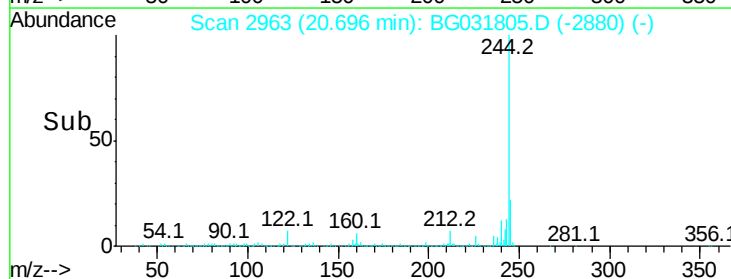
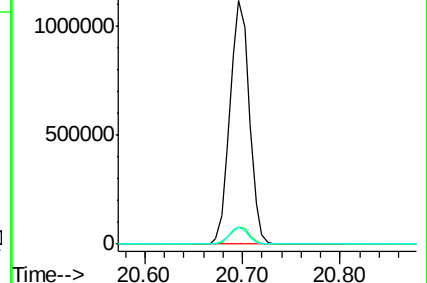
122 6.9 7.0 10.4#

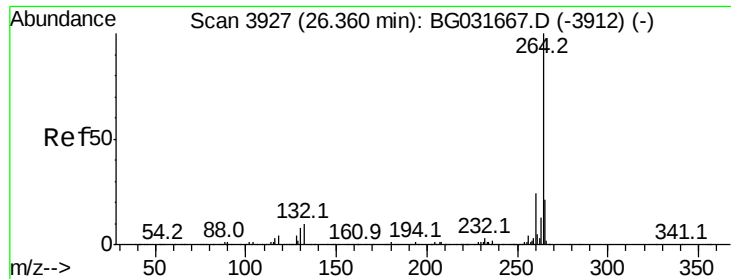


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

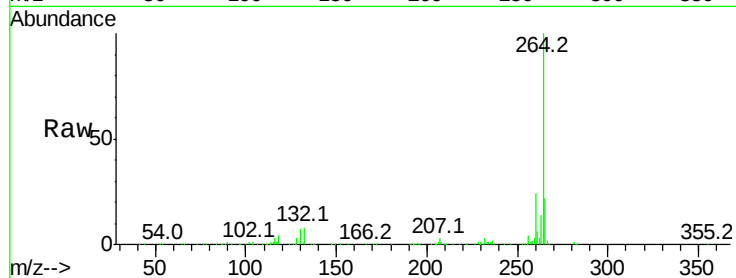




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031805.D
 Acq: 27 Dec 2017 20:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

