

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031809.D
 Acq On : 27 Dec 2017 22:59
 Operator : SJ/JU
 Sample : I7058-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:21:22 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

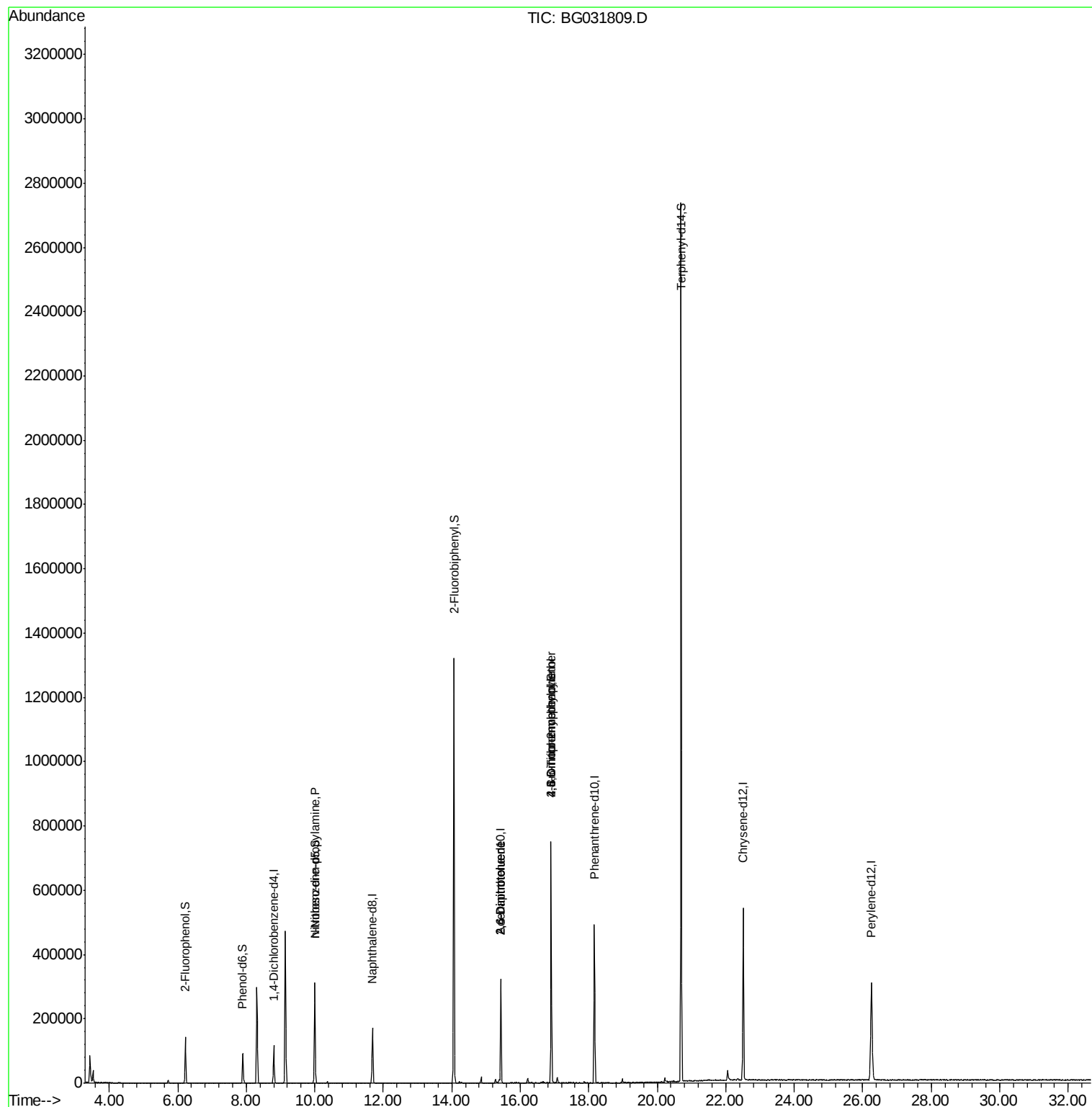
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	41491	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	177077	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	124447	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	341514	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	420220	20.00	ng	-0.06
86) Perylene-d12	26.26	264	440642	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	81288	35.68	ng	-0.03
7) Phenol-d6	7.90	99	64775	21.90	ng	-0.03
23) Nitrobenzene-d5	10.00	82	207283	88.39	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	180420	95.01	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	813537	82.05	ng	-0.03
78) Terphenyl-d14	20.70	244	1482524	80.60	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.00	70	27011	13.373	ng	# 77
50) 2,6-Dinitrotoluene	15.44	165	16807	8.333	ng	# 20
56) 2,4-Dinitrotoluene	15.44	165	16807	6.481	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.90	198	521	8.565	ng	# 78
66) 4-Bromophenyl-phenylether	16.90	248	14140	2.863	ng	# 1

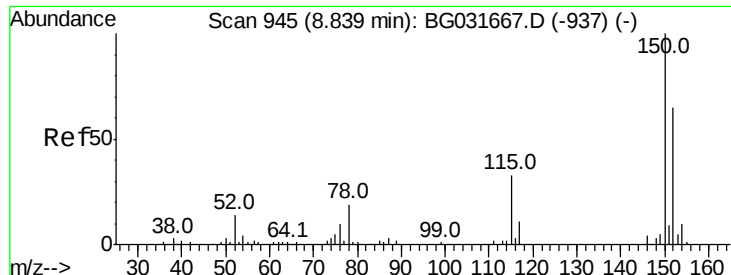
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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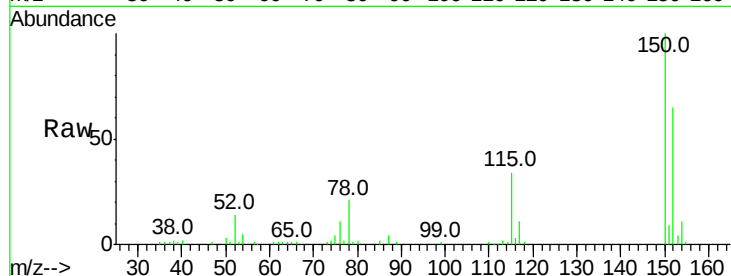


#1

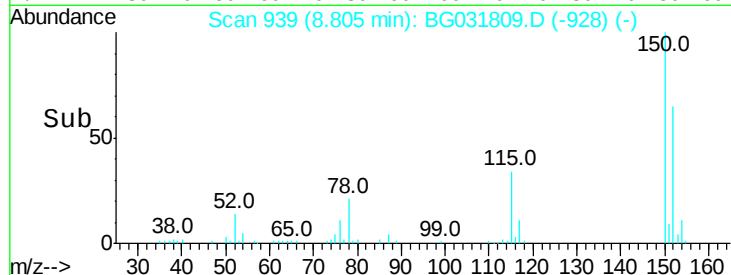
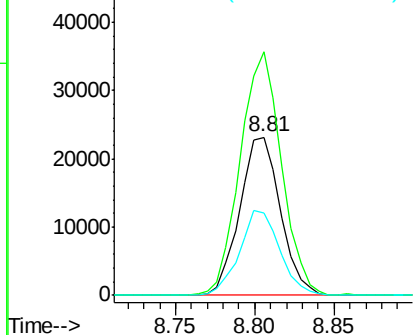
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.81 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 41491
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.6 189.8
 115 52.3 53.0 79.4#



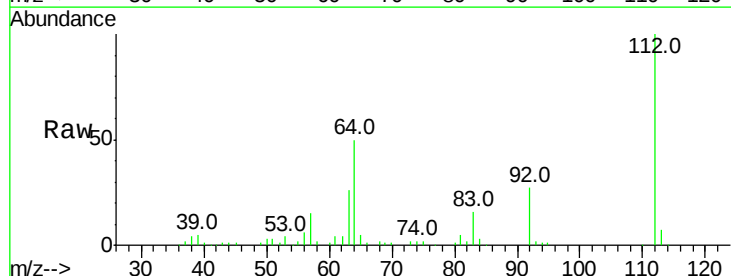
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



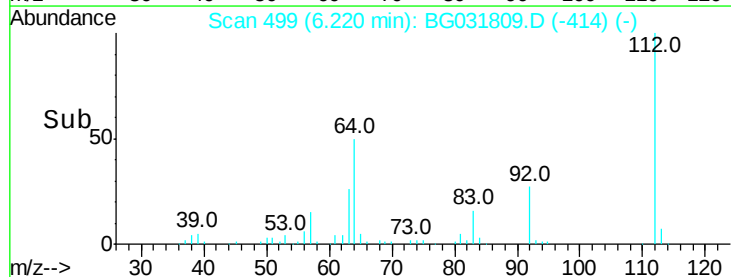
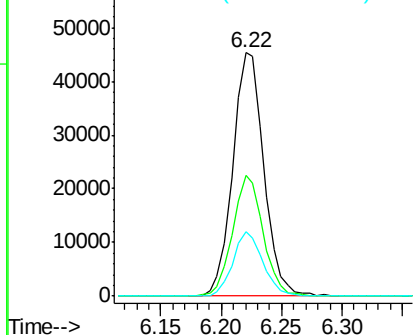
#5

2-Fluorophenol
 Concen: 35.684 ng
 RT: 6.22 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

Tgt Ion:112 Resp: 81288
 Ion Ratio Lower Upper
 112 100
 64 49.6 56.3 84.5#
 63 26.5 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: 21.901 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

Instrument :

BNA_G

ClientSampleId :

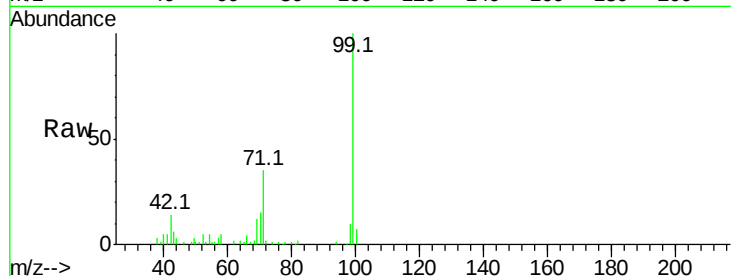
Tot Ion: 99 Resp: 64775

Ion Ratio Lower Upper

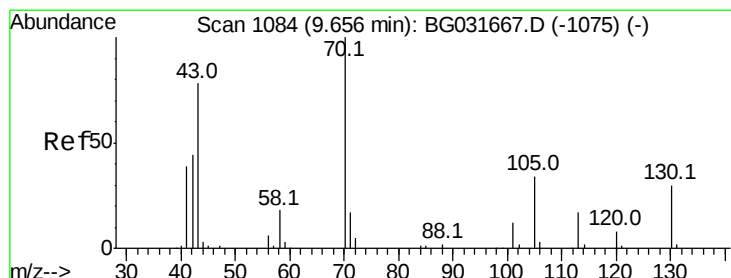
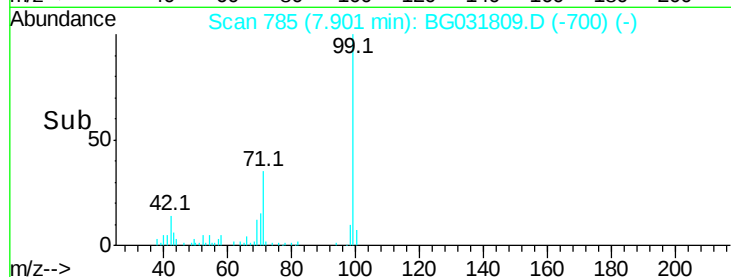
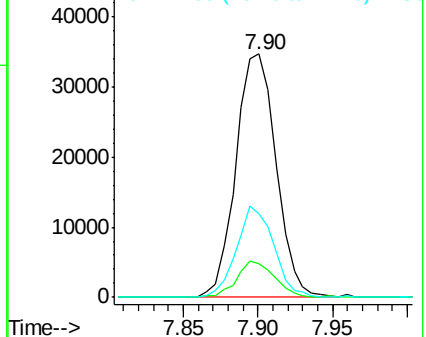
99 100

42 14.0 14.1 21.1#

71 34.5 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: 13.373 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.34 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

Tgt Ion: 70 Resp: 27011

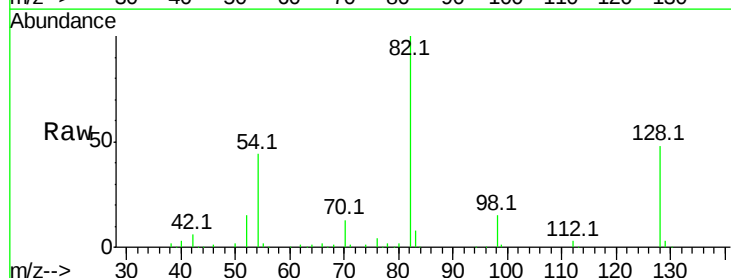
Ion Ratio Lower Upper

70 100

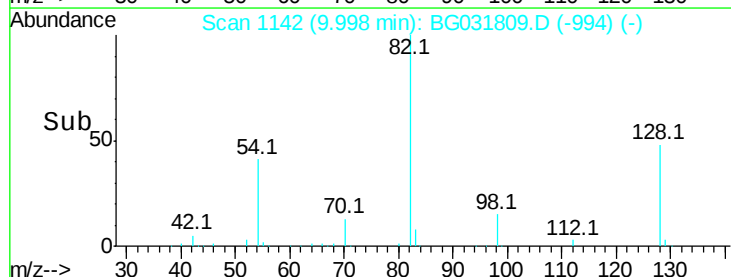
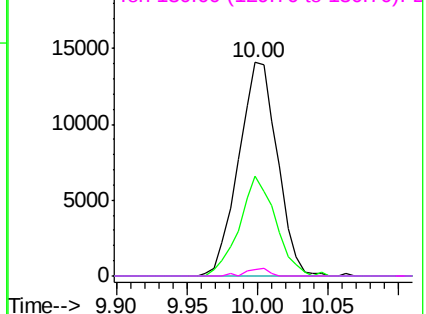
42 46.6 49.1 73.7#

101 0.0 8.5 12.7#

130 3.1 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

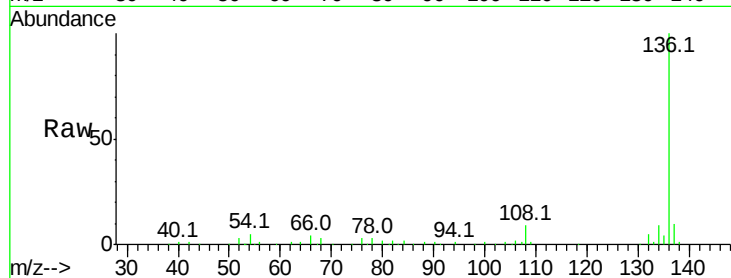




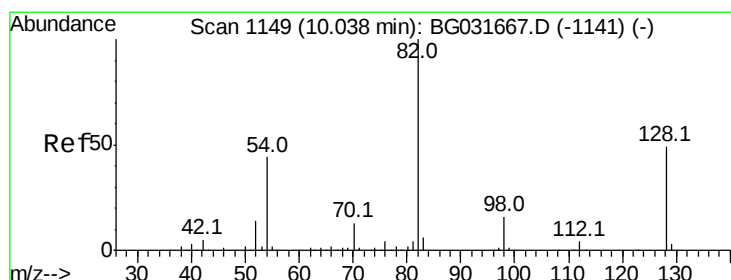
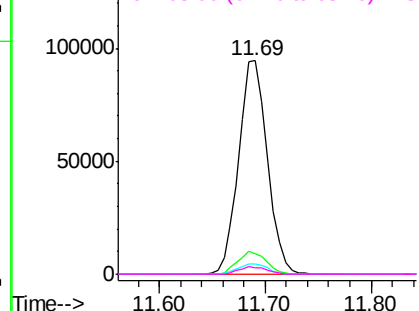
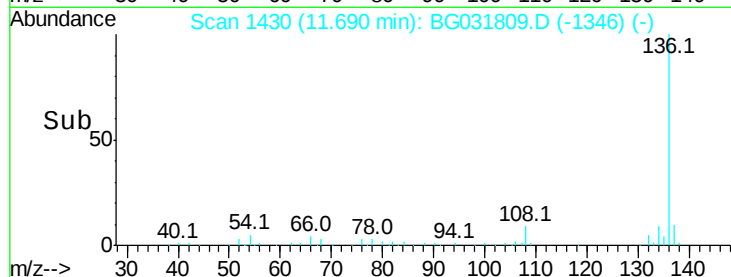
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	177077
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	4.7	10.3	15.5#
68	3.2	4.5	6.7#

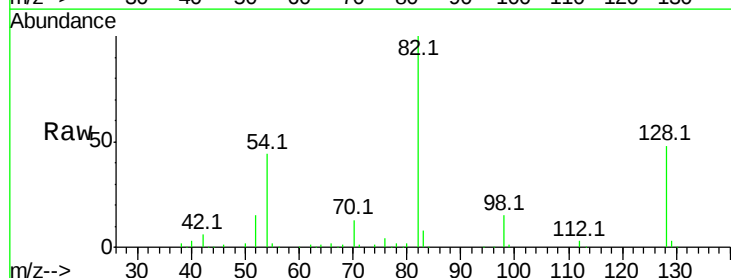


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

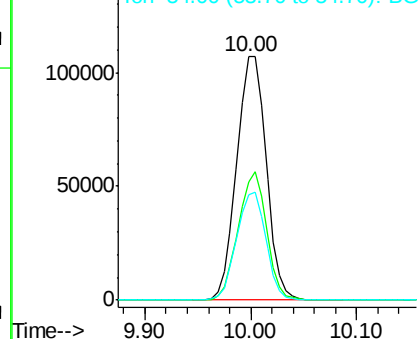
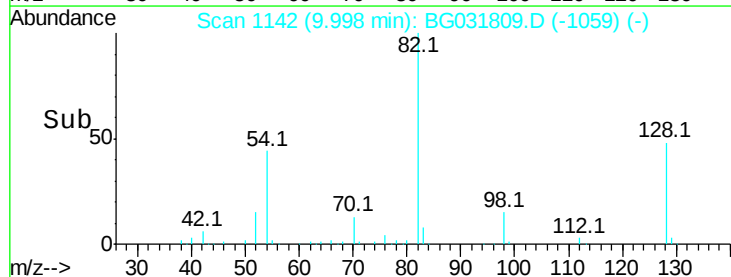


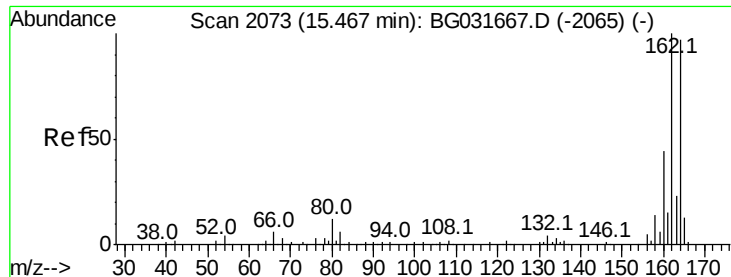
#23
Nitrobenzene-d5
Concen: 88.393 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Tgt Ion:	82	Resp:	207283
Ion	Ratio	Lower	Upper
82	100		
128	48.4	29.7	44.5#
54	43.5	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

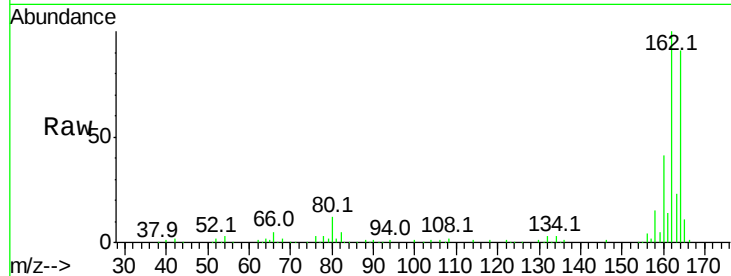




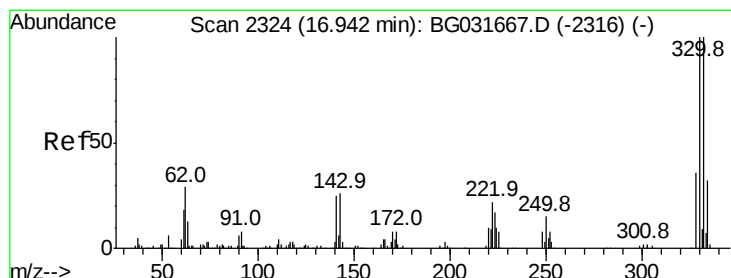
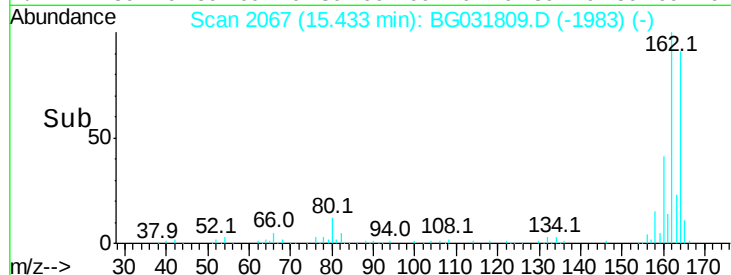
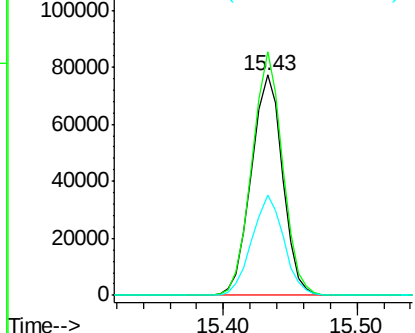
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 124447
Ion Ratio Lower Upper
164 100
162 110.4 78.8 118.2
160 45.5 35.4 53.0

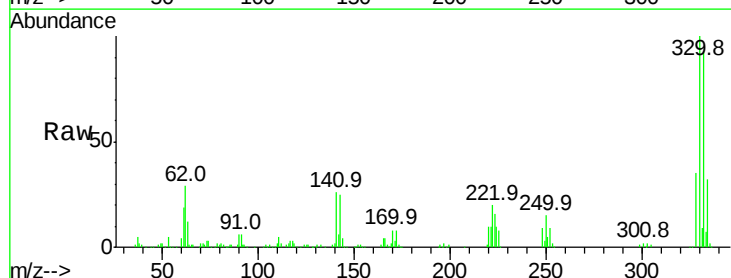


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

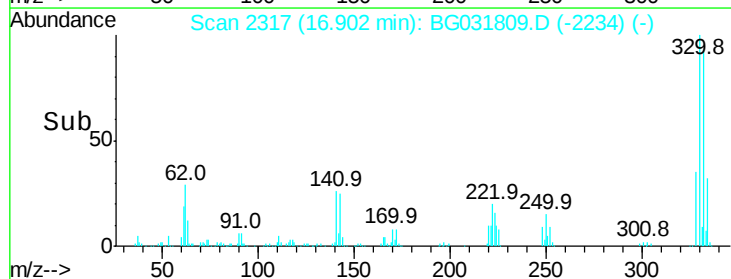
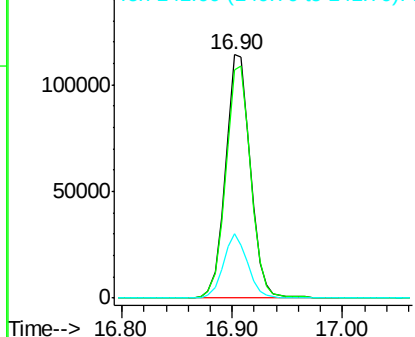


#41
2,4,6-Tribromophenol
Concen: 95.013 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Tgt Ion:330 Resp: 180420
Ion Ratio Lower Upper
330 100
332 95.9 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

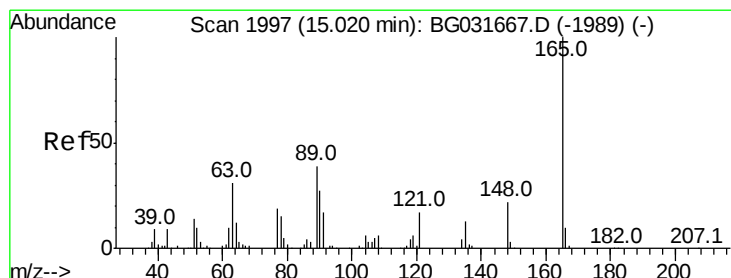
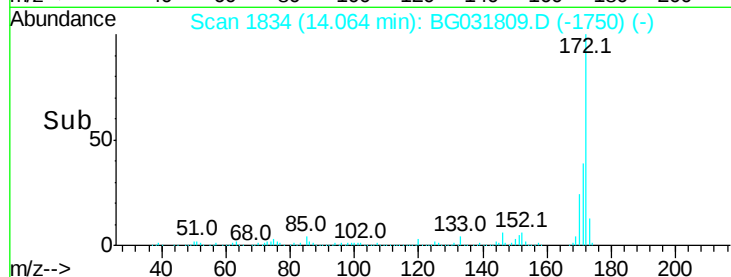
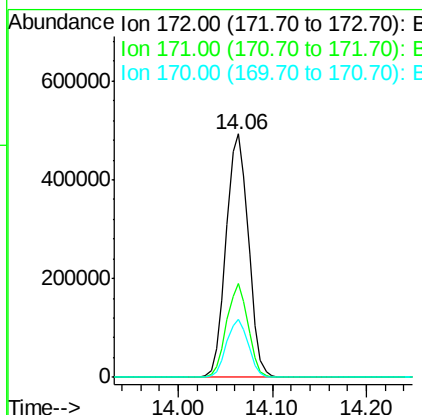
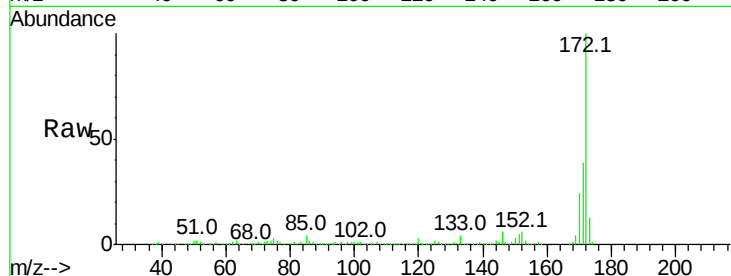




#44
 2-Fluorobiphenyl
 Concen: 82.051 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

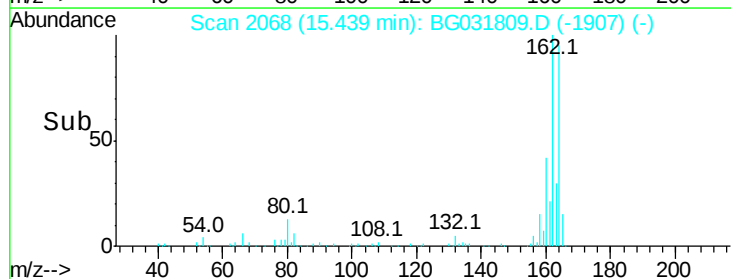
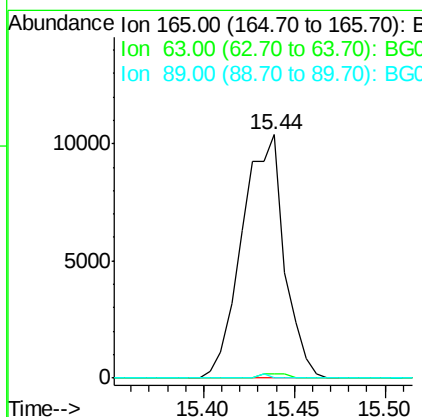
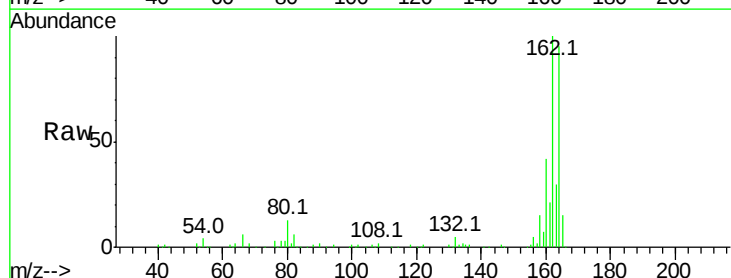
Instrument :
 BNA_G
 ClientSampleId :

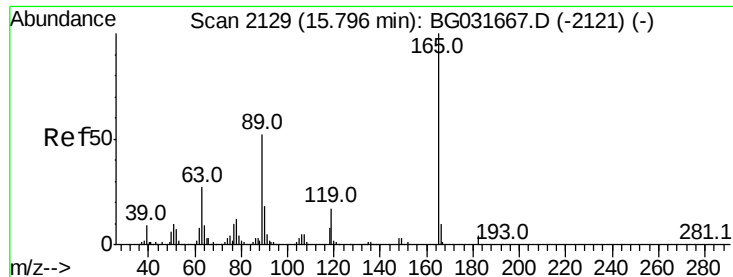
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.9	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.333 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. 0.42 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	0.0	49.2	73.8#

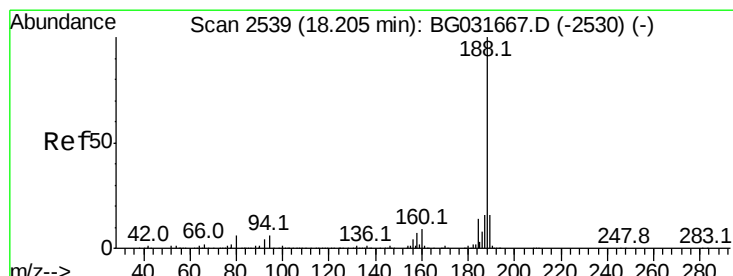
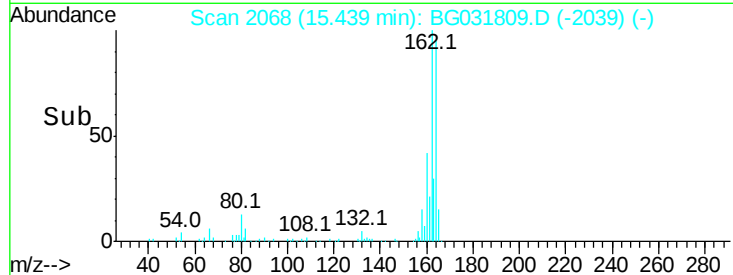
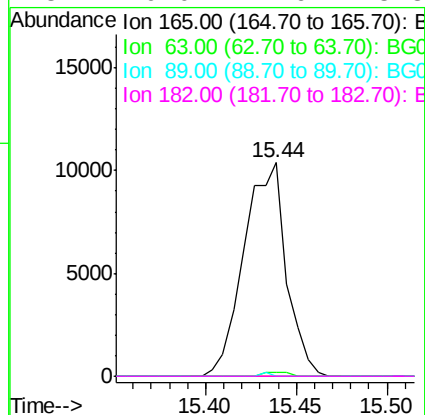
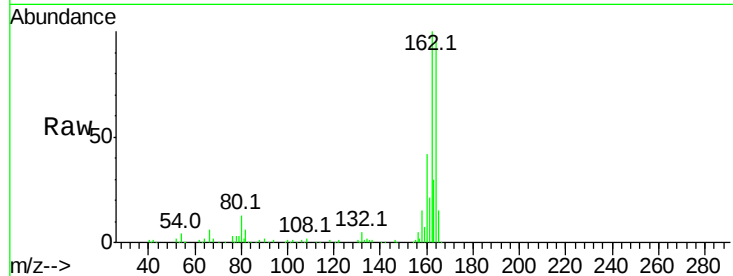




#56
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.36 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

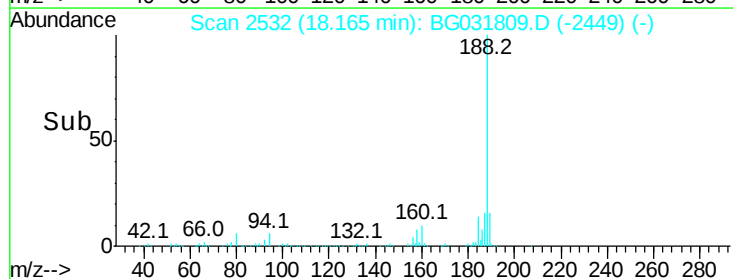
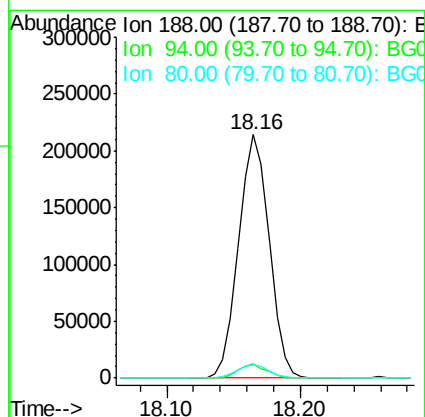
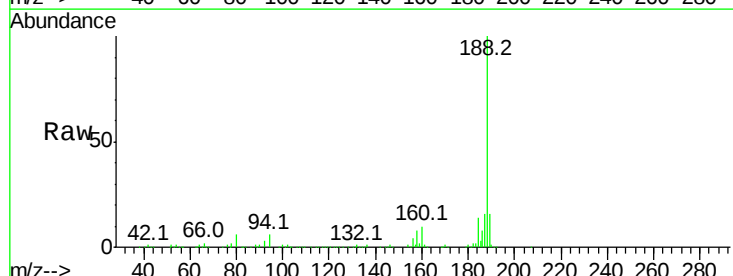
Instrument :
BNA_G
ClientSampleId :

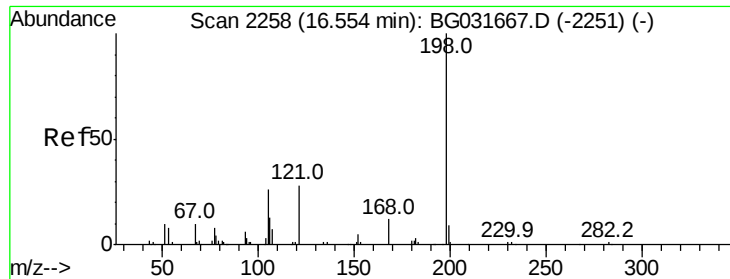
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	5.5	7.7	11.5#

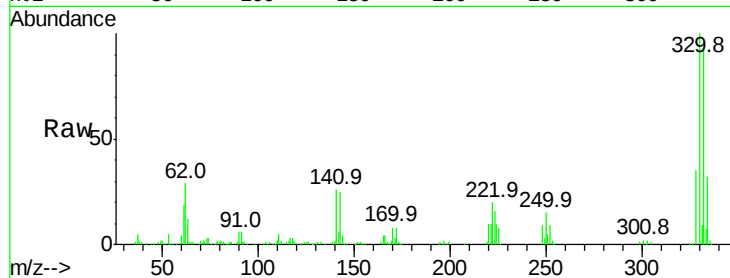




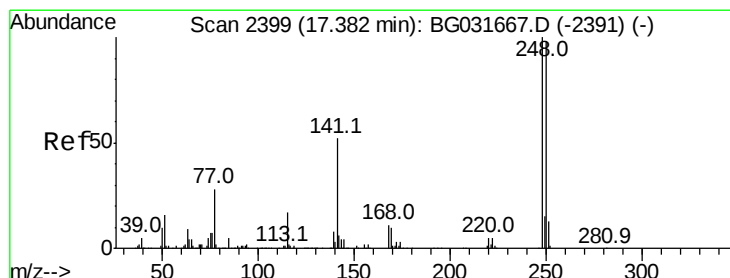
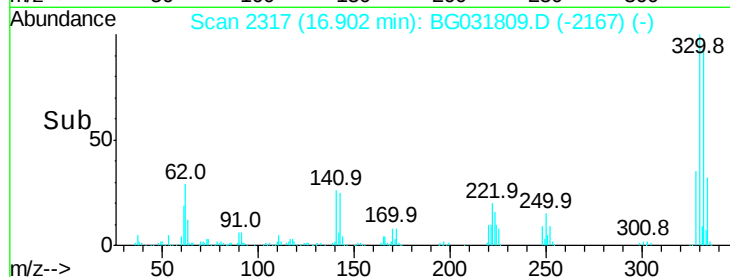
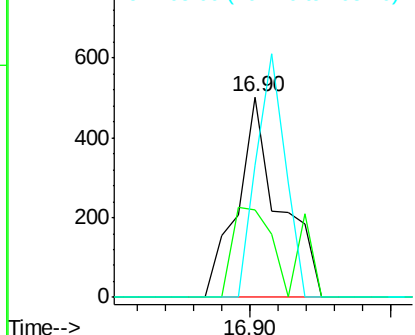
#64
4,6-Dinitro-2-methylphenol
Concen: 8.565 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 521
Ion Ratio Lower Upper
198 100
51 43.3 30.6 70.6
105 66.2 23.8 63.8#

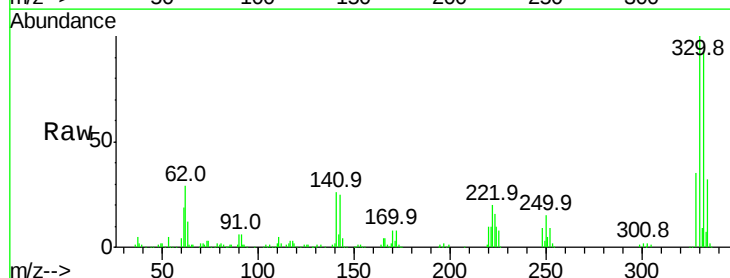


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

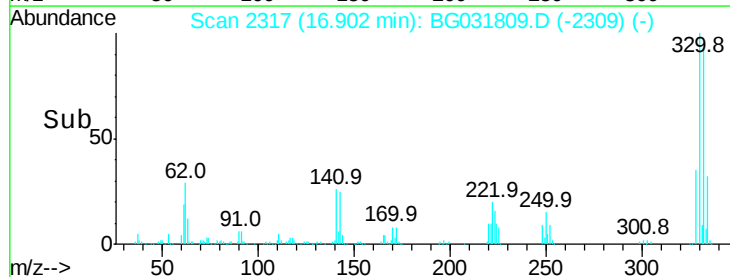
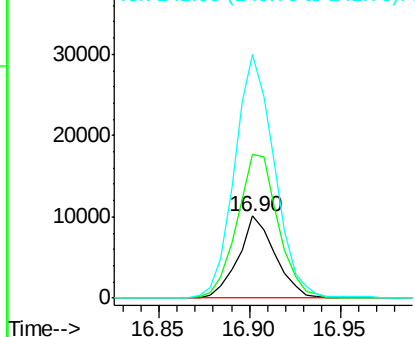


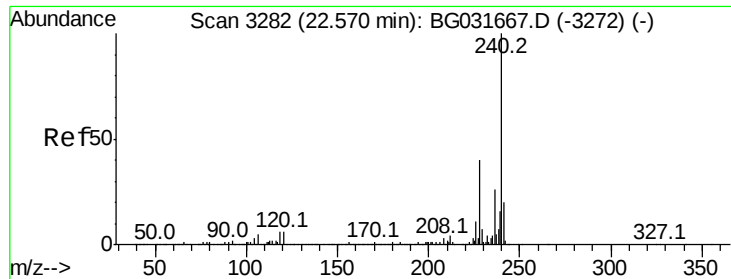
#66
4-Bromophenyl-phenylether
Concen: 2.863 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031809.D
Acq: 27 Dec 2017 22:59

Tgt Ion:248 Resp: 14140
Ion Ratio Lower Upper
248 100
250 175.5 77.1 115.7#
141 297.5 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: BG031809.D

Acq: 27 Dec 2017 22:59

Instrument :

BNA_G

ClientSampled :

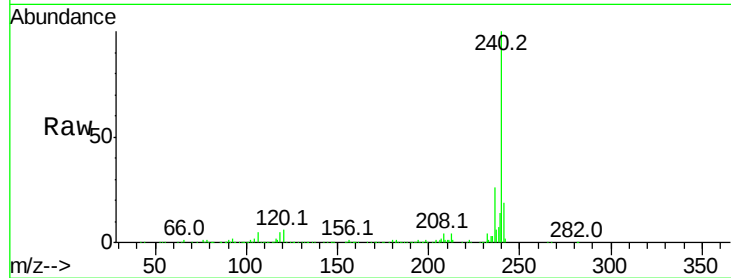
Tot Ion:240 Resp: 420220

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

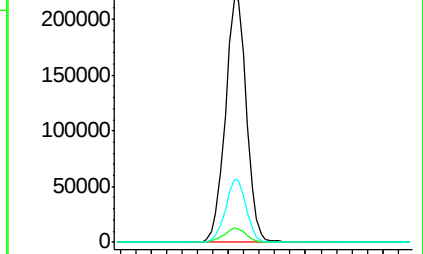
236 26.1 20.9 31.3



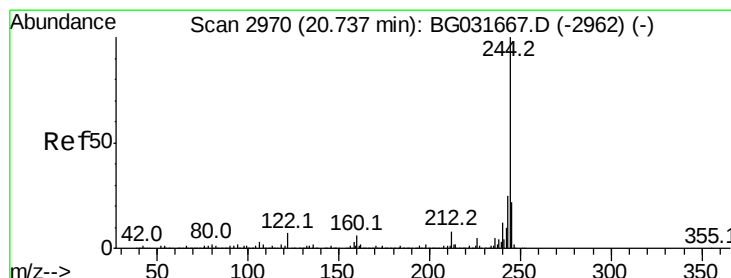
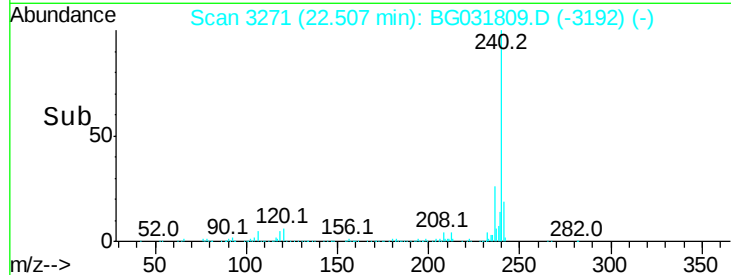
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 80.602 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031809.D

Acq: 27 Dec 2017 22:59

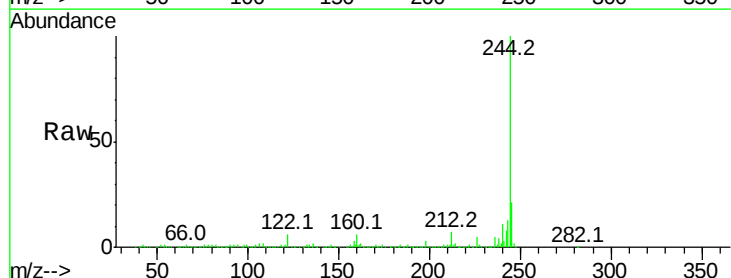
Tgt Ion:244 Resp: 1482524

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

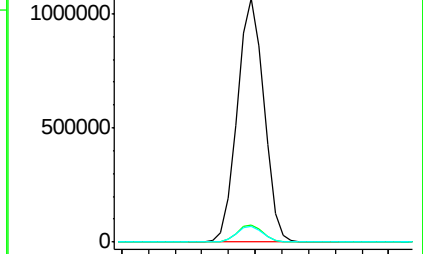
122 6.4 7.0 10.4#



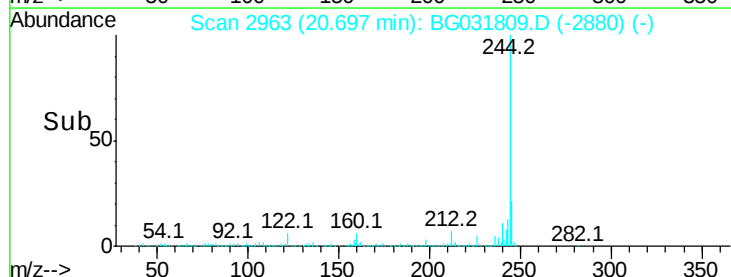
Abundance Ion 244.00 (243.70 to 244.70): E

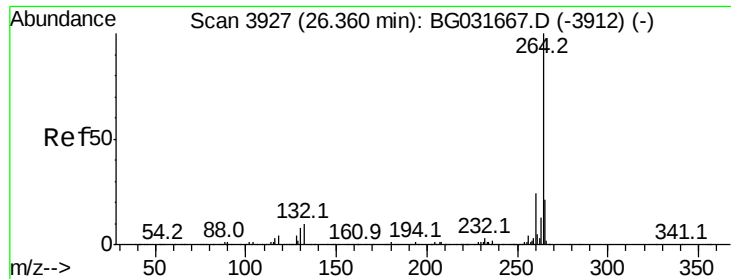
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

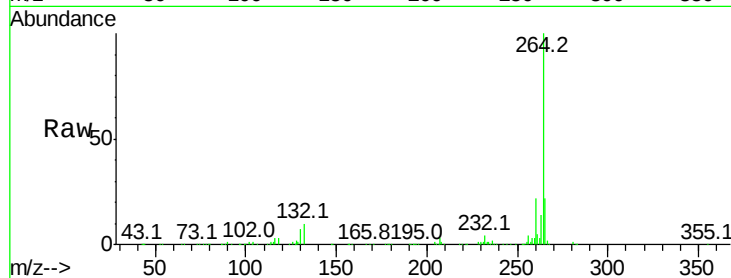




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031809.D
 Acq: 27 Dec 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 440642
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.4 26.0
 265 21.8 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

