

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031773.D
 Acq On : 26 Dec 2017 22:15
 Operator : SJ/JU
 Sample : I7049-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3074-RT-917

Quant Time: Dec 27 00:28:43 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

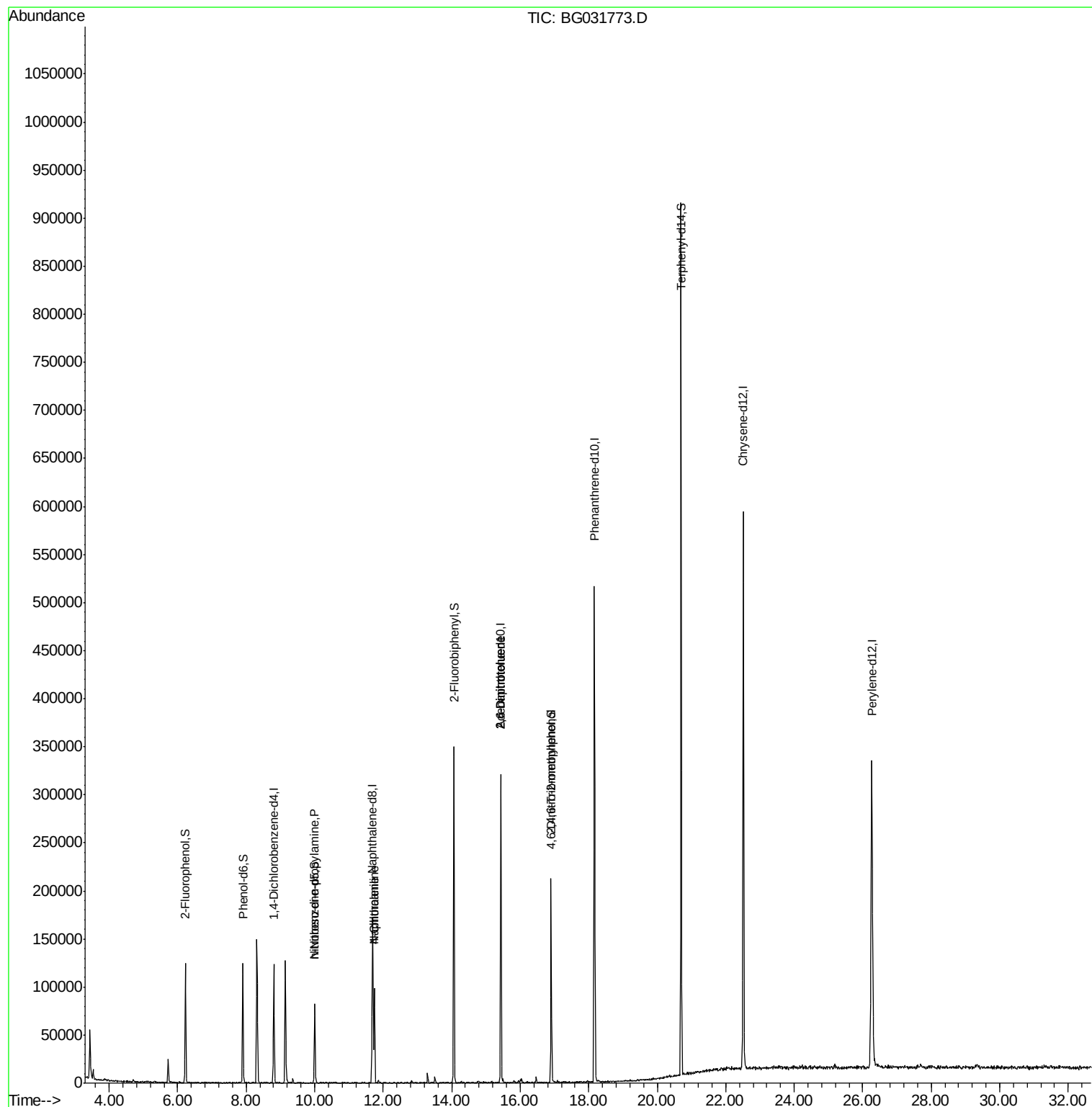
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	43223	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	179511	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	128815	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	353986	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	434137	20.00	ng	-0.06
86) Perylene-d12	26.27	264	455960	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	72657	30.62	ng	-0.02
7) Phenol-d6	7.90	99	84706	27.49	ng	-0.03
23) Nitrobenzene-d5	10.00	82	52854	22.23	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	52336	26.63	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	214840	20.93	ng	-0.03
78) Terphenyl-d14	20.70	244	508194	26.74	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.00	70	6851	3.26	ng	# 68
31) Naphthalene	11.74	128	95663	10.56	ng	97
33) 4-Chloroaniline	11.74	127	13301	3.30	ng	# 32
50) 2,6-Dinitrotoluene	15.43	165	16780	8.04	ng	# 19
56) 2,4-Dinitrotoluene	15.43	165	16780	6.25	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.91	198	61	8.34	ng	# 29

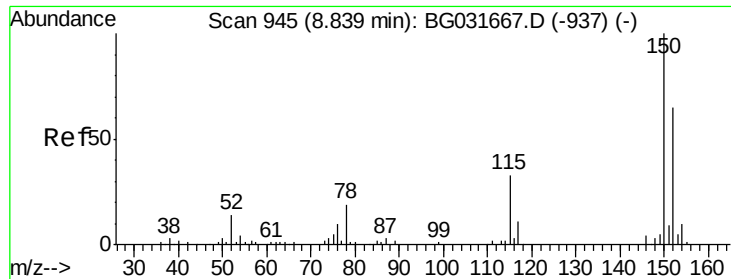
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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Quant Time: Dec 27 00:28:43 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

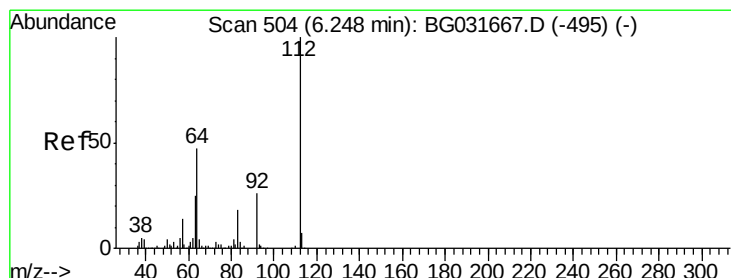
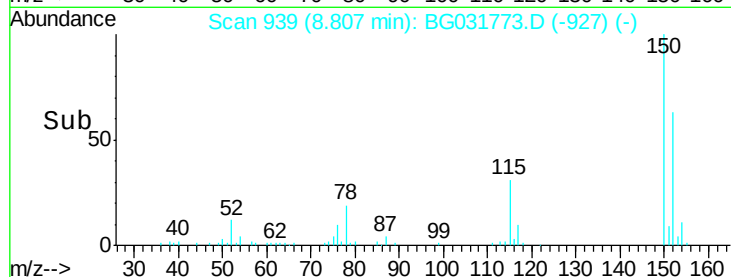
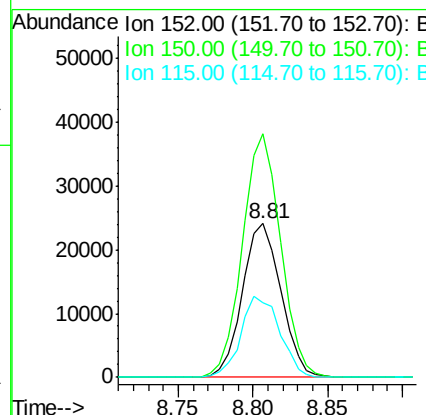
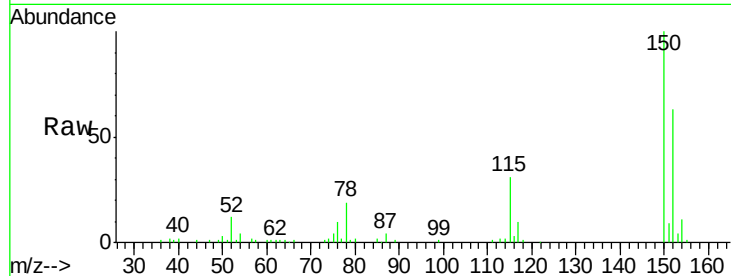




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.81 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

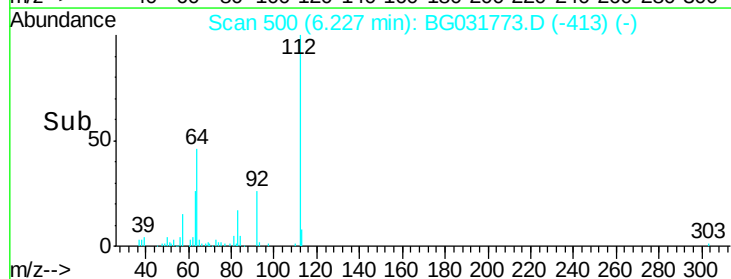
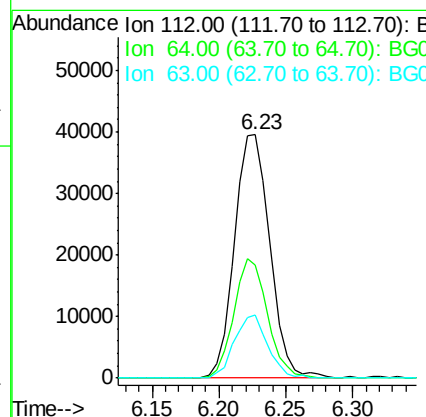
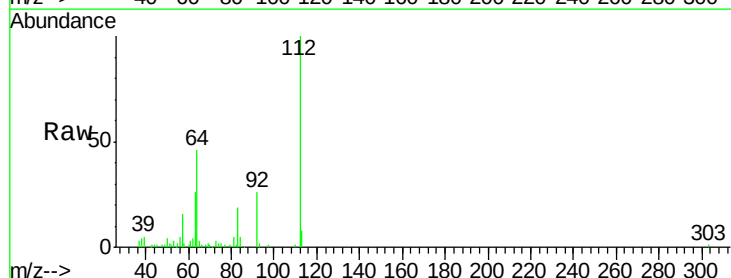
Instrument :
 BNA_G
 ClientSampleId :
 RT-3074-RT-917

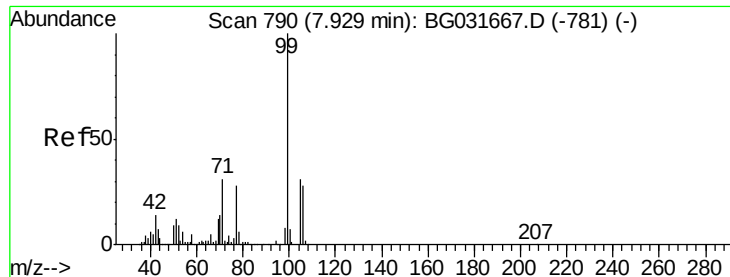
Tot Ion:152 Resp: 43223
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.6 189.8
 115 48.8 53.0 79.4#



#5
 2-Fluorophenol
 Concen: 30.62 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

Tgt Ion:112 Resp: 72657
 Ion Ratio Lower Upper
 112 100
 64 46.2 56.3 84.5#
 63 25.8 30.1 45.1#





#7

Phenol-d6

Concen: 27.49 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

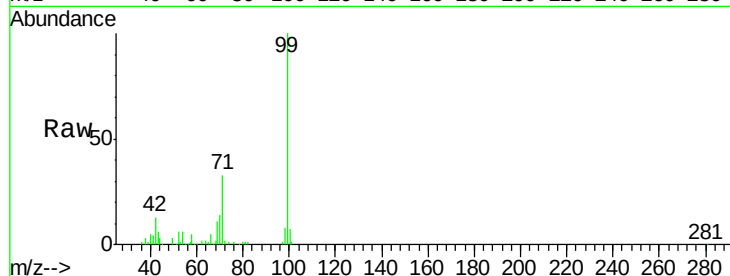
Tot Ion: 99 Resp: 84706

Ion Ratio Lower Upper

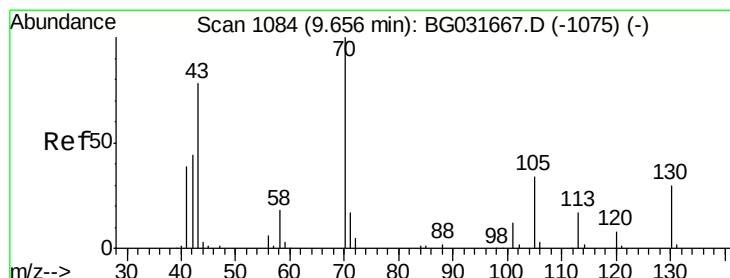
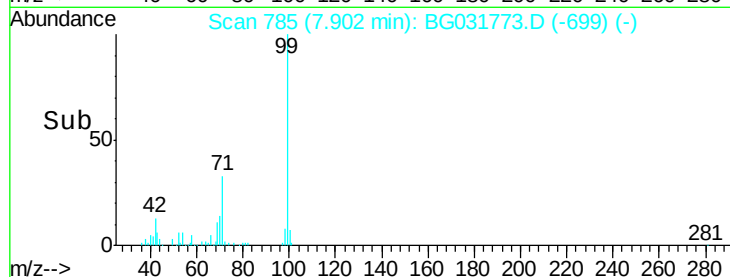
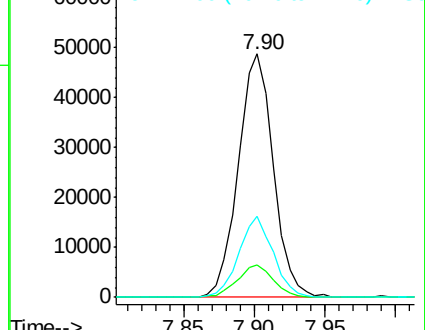
99 100

42 13.2 14.1 21.1#

71 33.1 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: 3.26 ng

RT: 10.00 min Scan# 1142

Delta R.T. 0.34 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Tgt Ion: 70 Resp: 6851

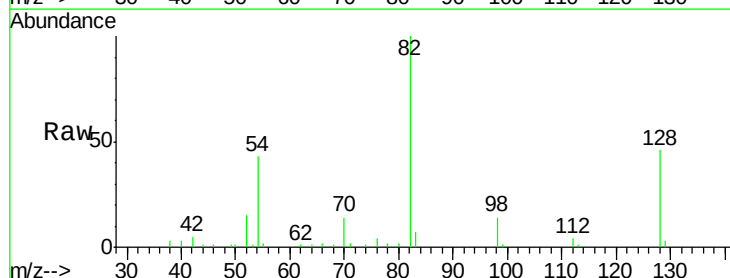
Ion Ratio Lower Upper

70 100

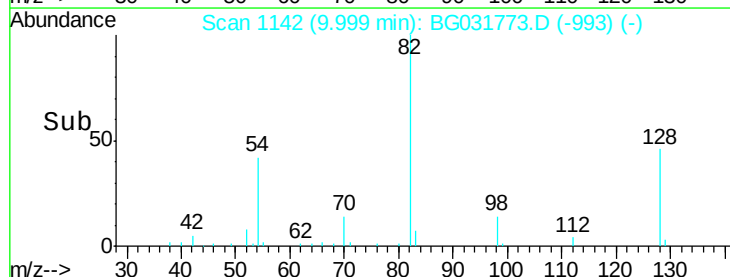
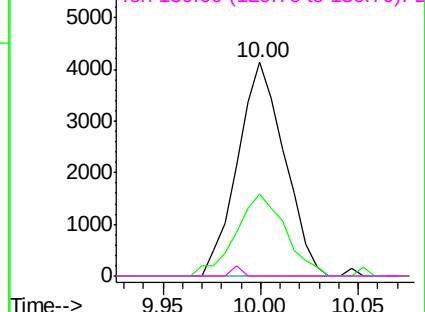
42 38.3 49.1 73.7#

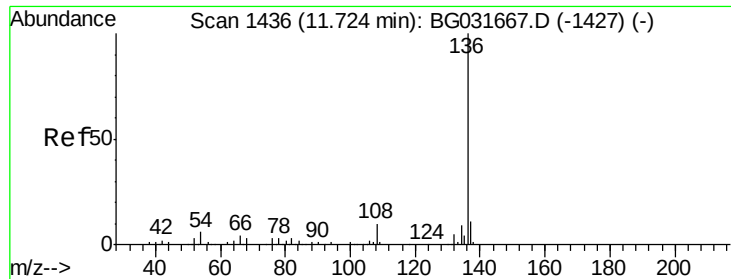
101 0.0 8.5 12.7#

130 0.0 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

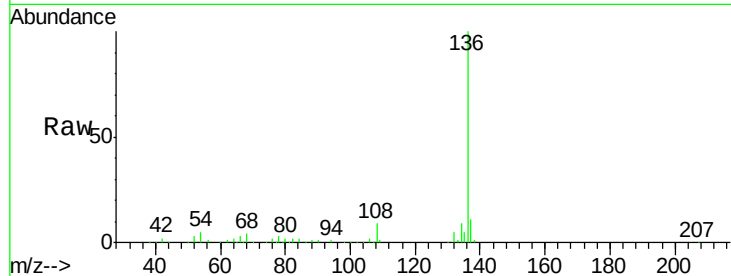




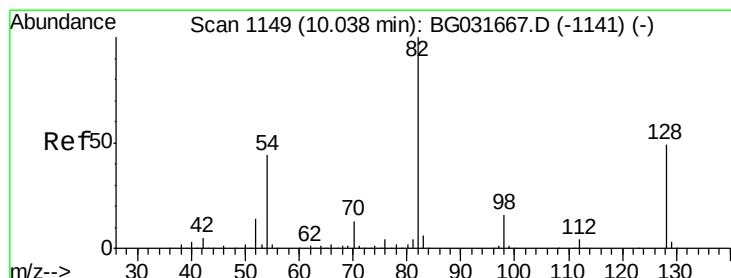
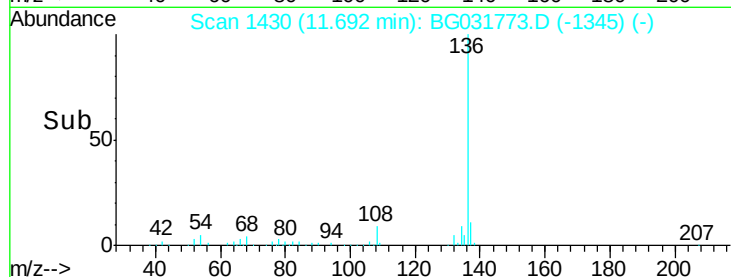
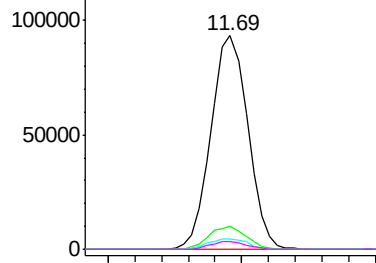
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

Instrument :
BNA_G
ClientSampleId :
RT-3074-RT-917

Tot Ion:136	Resp:	179511
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	4.6	10.3 15.5#
68	3.8	4.5 6.7#

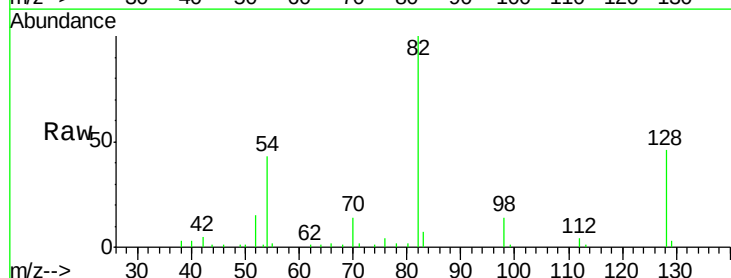


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

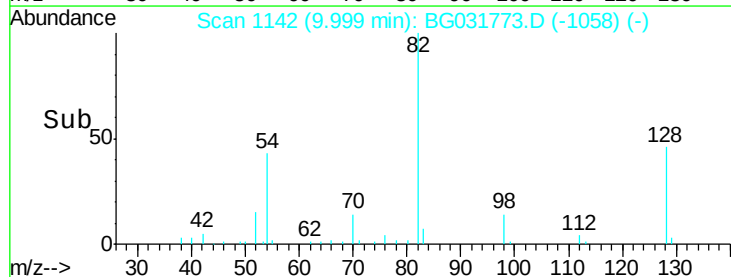
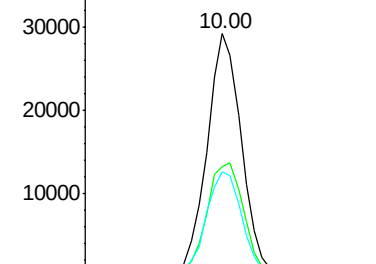


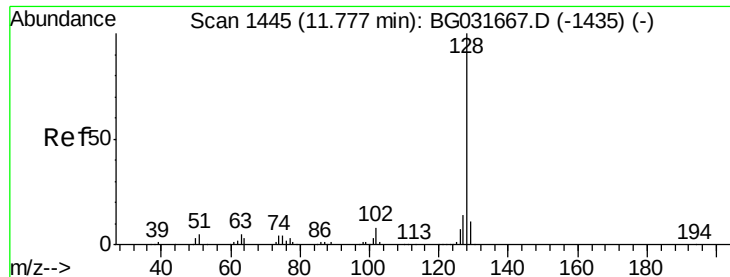
#23
Nitrobenzene-d5
Concen: 22.23 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

Tgt Ion: 82	Resp:	52854
Ion Ratio	Lower	Upper
82	100	
128	45.6	29.7 44.5#
54	43.1	43.1 64.7#



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

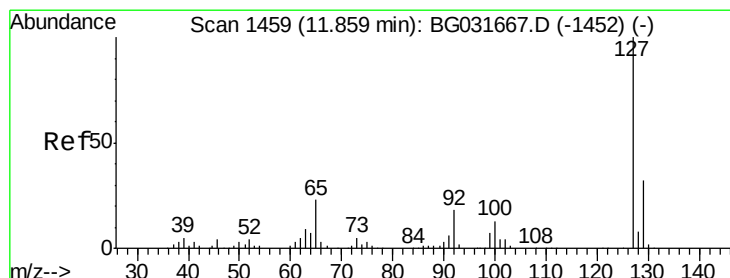
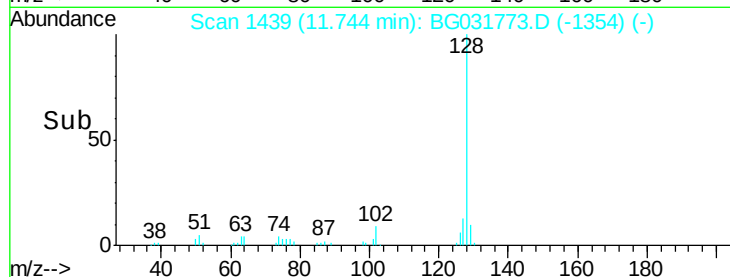
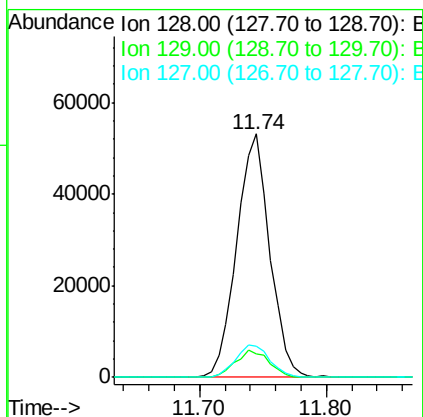
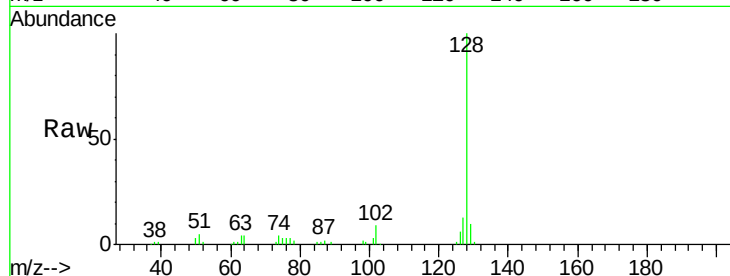




#31
Naphthalene
Concen: 10.56 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

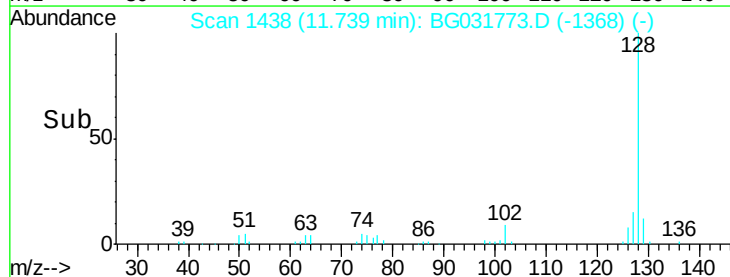
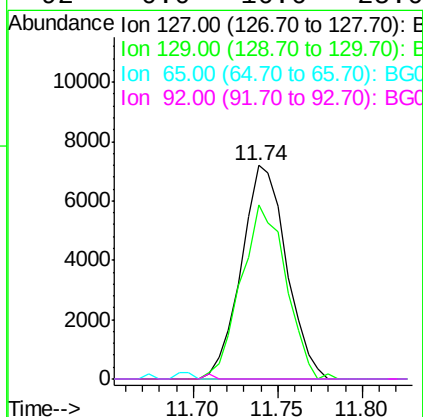
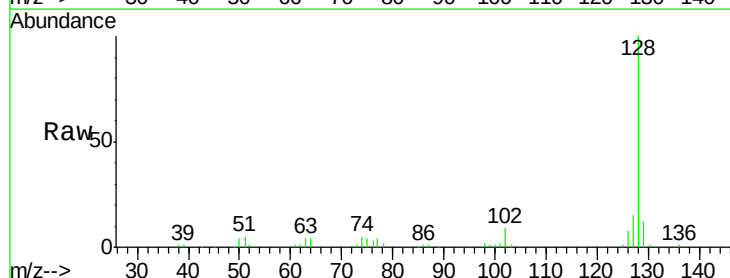
Instrument :
BNA_G
ClientSampleId :
RT-3074-RT-917

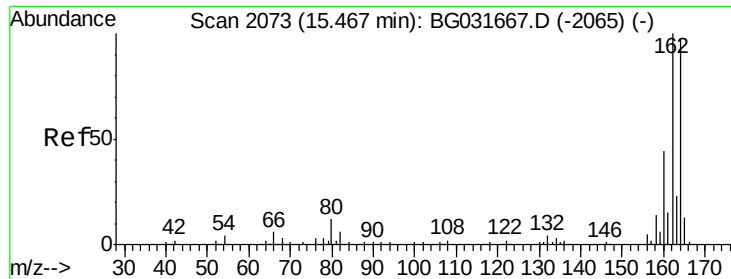
Tot Ion:128 Resp: 95663
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 13.0 11.6 17.4



#33
4-Chloroaniline
Concen: 3.30 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.12 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

Tgt Ion:127 Resp: 13301
Ion Ratio Lower Upper
127 100
129 81.7 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

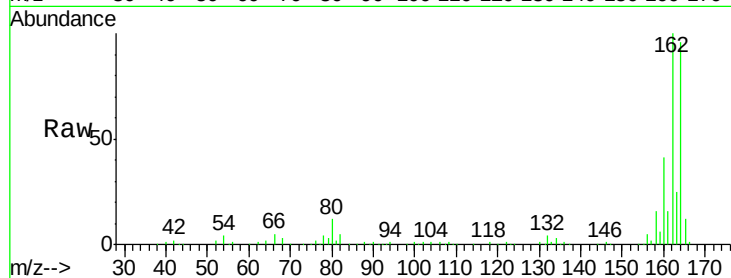
Tot Ion:164 Resp: 128815

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

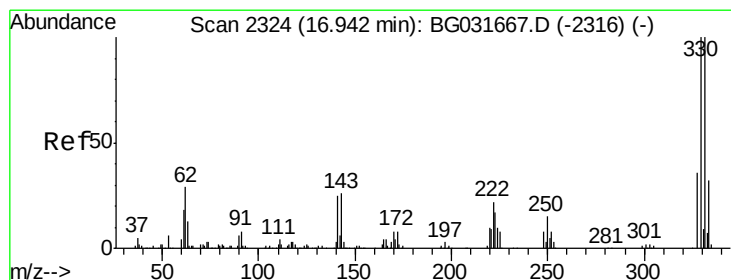
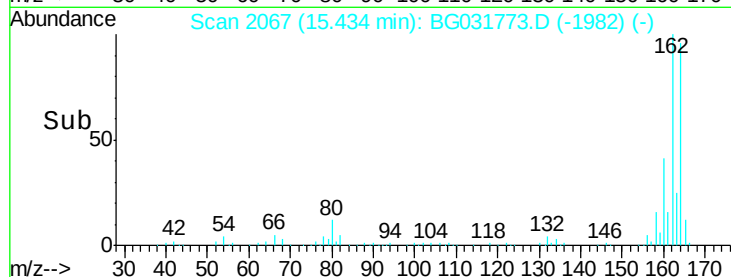
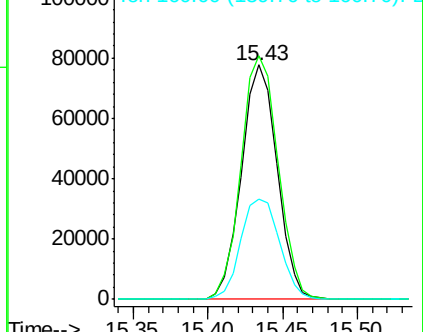
160 43.0 35.4 53.0



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: 26.63 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

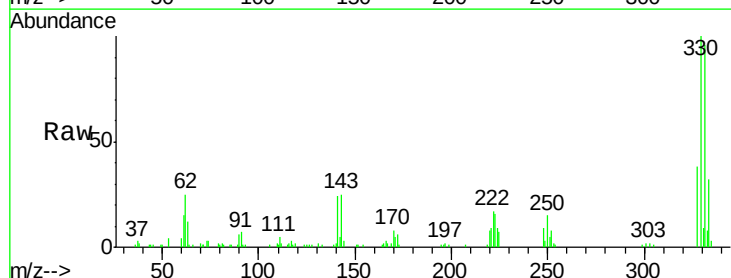
Tgt Ion:330 Resp: 52336

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

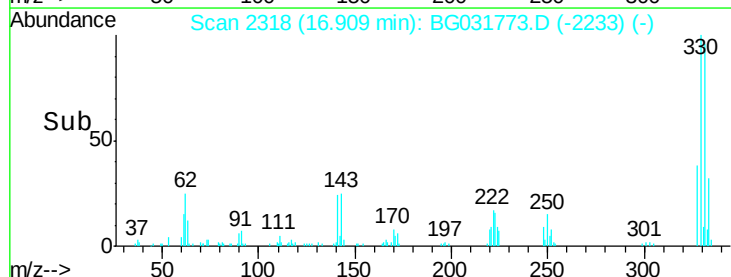
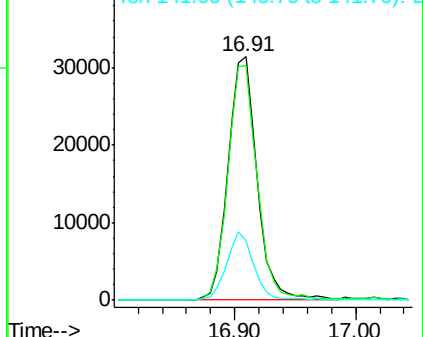
141 26.2 25.2 37.8

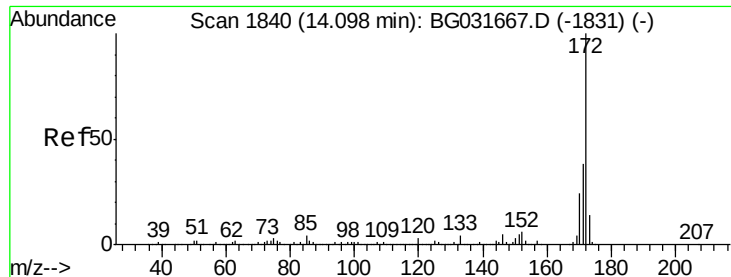


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

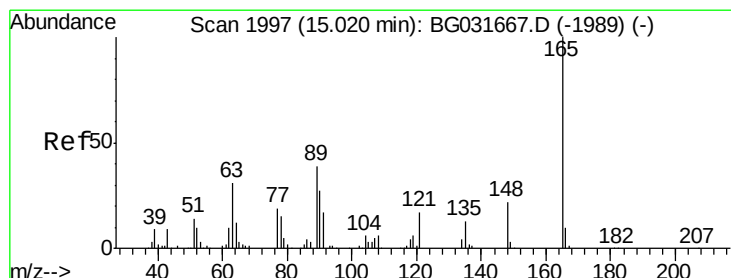
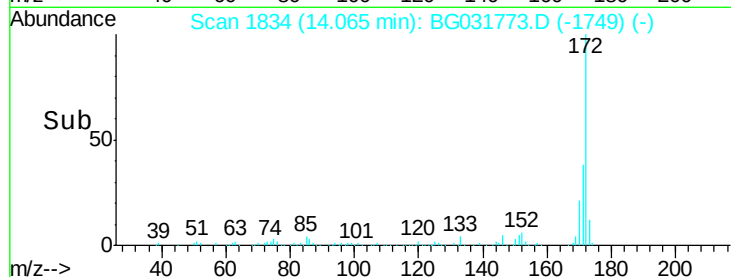
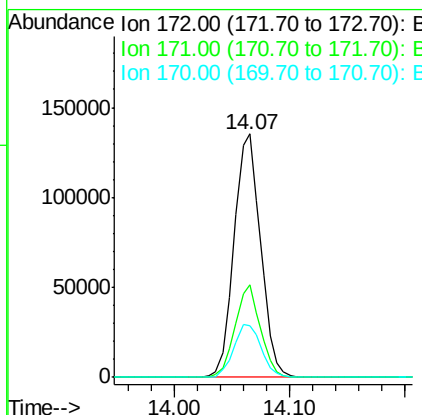
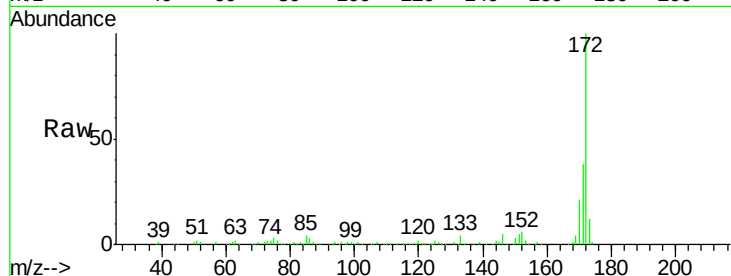




#44
 2-Fluorobiphenyl
 Concen: 20.93 ng
 RT: 14.07 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

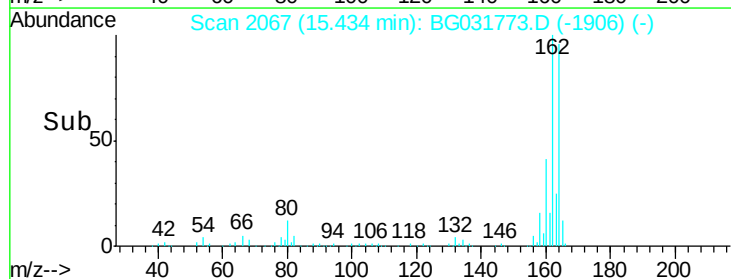
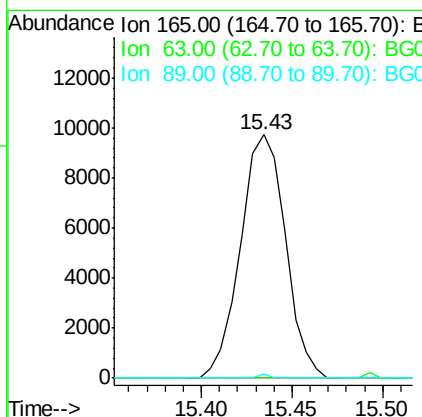
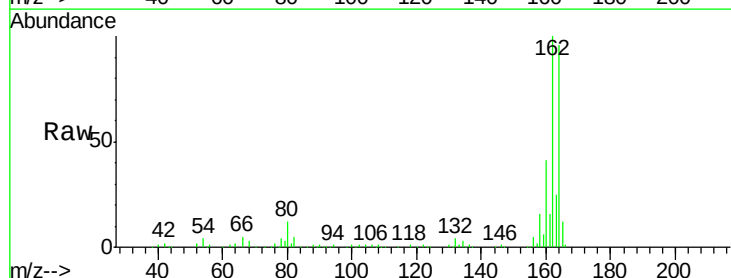
Instrument :
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 RT-3074-RT-917

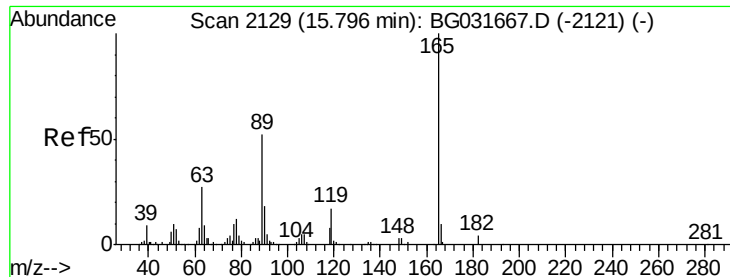
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	21.4	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

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

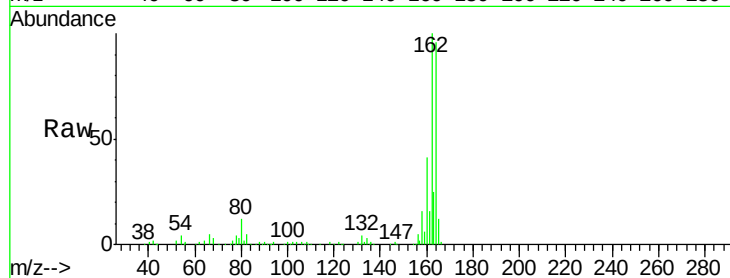




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

Instrument :
 BNA_G
 ClientSampleId :
 RT-3074-RT-917

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

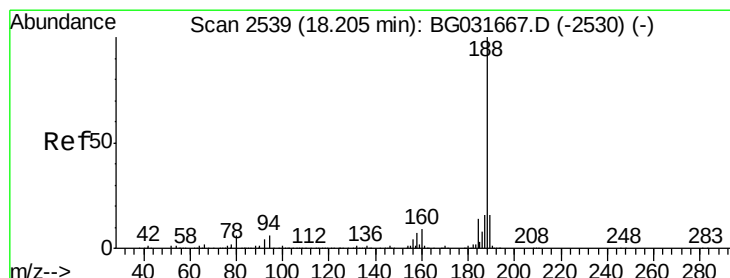
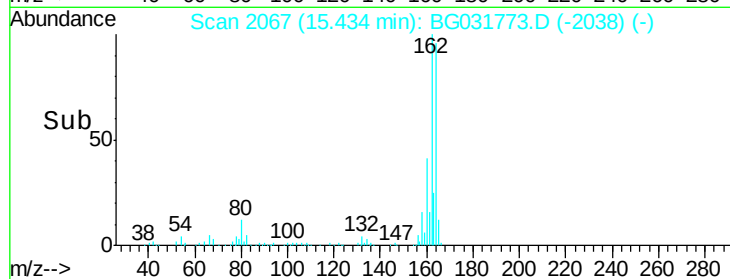
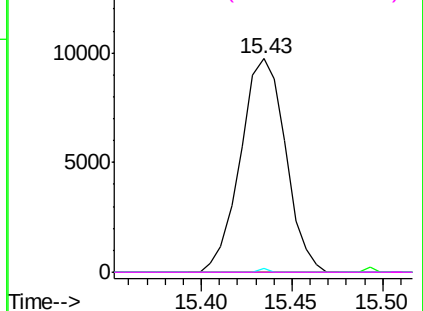


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

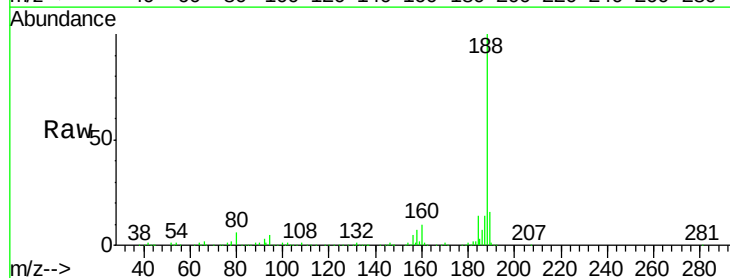
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031773.D
 Acq: 26 Dec 2017 22:15

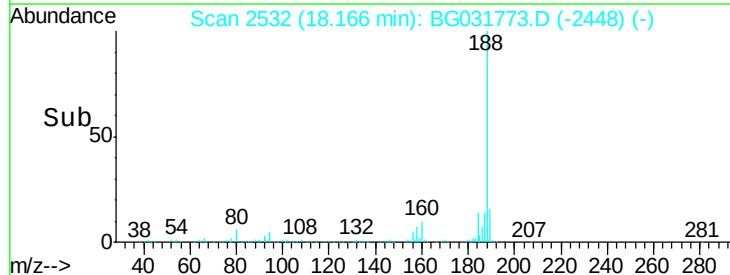
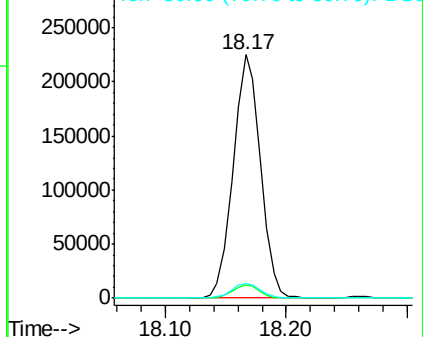
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.9	7.7	11.5#

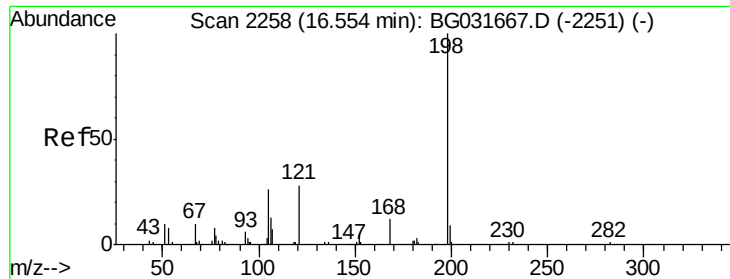


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

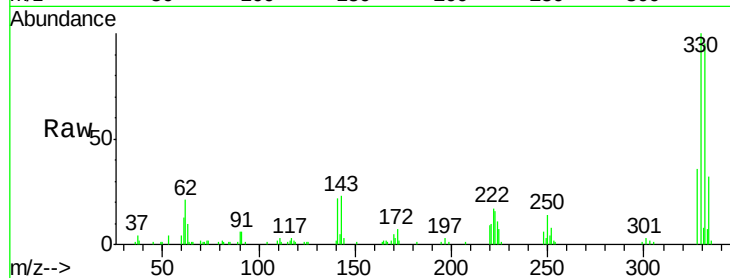




#64
4,6-Dinitro-2-methylphenol
Concen: 8.34 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.36 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

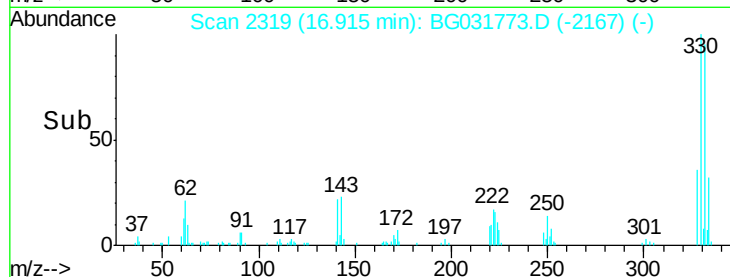
Instrument :
BNA_G
ClientSampleId :
RT-3074-RT-917

Tot Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

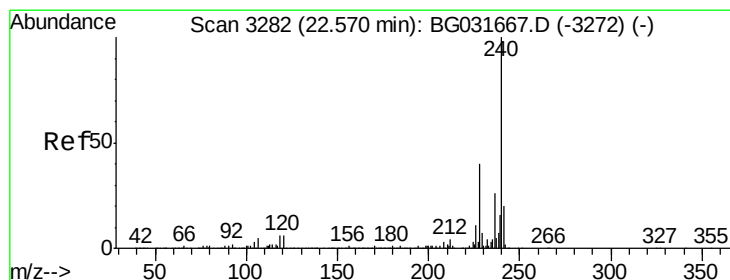


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

16.91

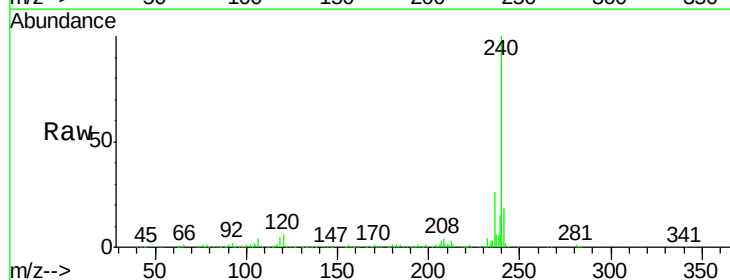


Time-->



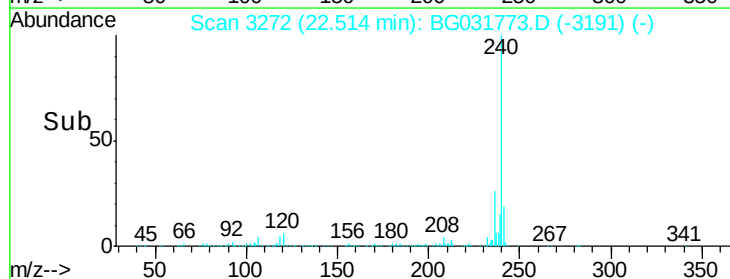
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031773.D
Acq: 26 Dec 2017 22:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.5	20.9	31.3

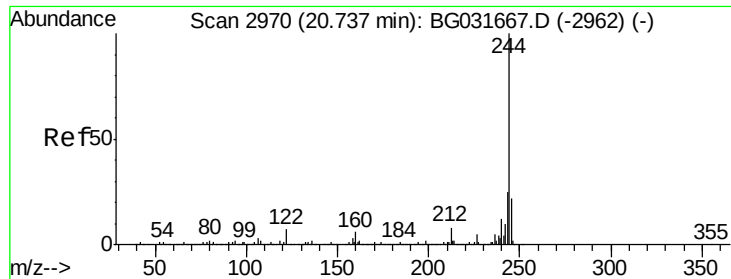


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

22.51



Time-->



#78

Terphenyl-d14

Concen: 26.74 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

Instrument :

BNA_G

ClientSampleId :

RT-3074-RT-917

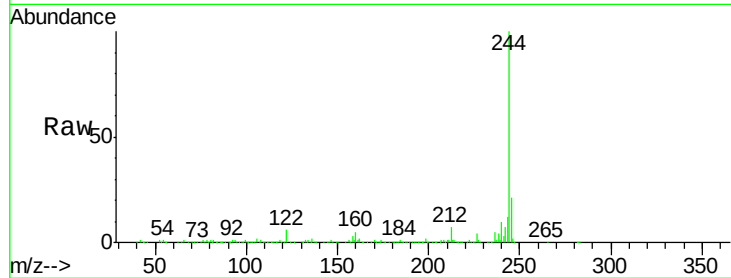
Tot Ion:244 Resp: 508194

Ion Ratio Lower Upper

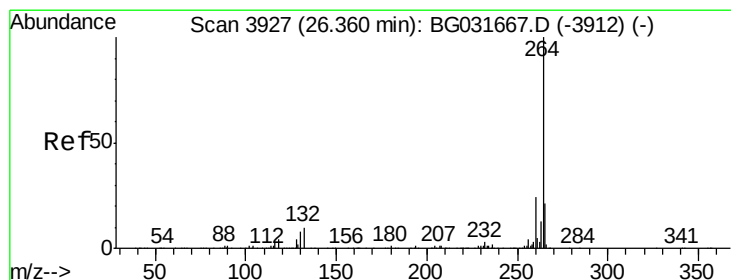
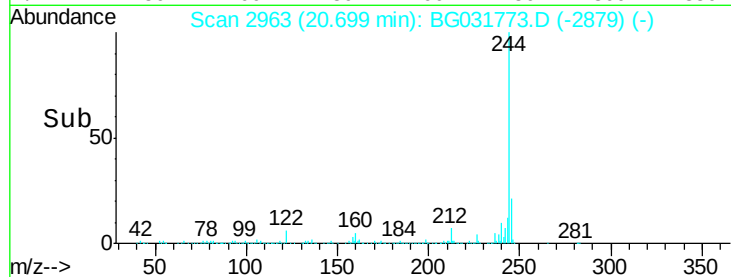
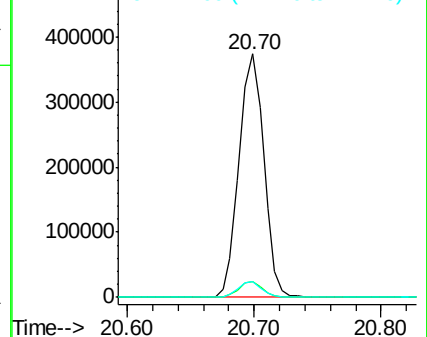
244 100

212 6.6 5.8 8.8

122 6.3 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: 20.00 ng

RT: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031773.D

Acq: 26 Dec 2017 22:15

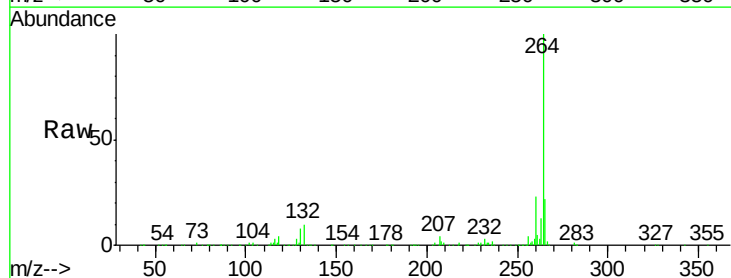
Tgt Ion:264 Resp: 455960

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.7 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

