

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031992.D
 Acq On : 11 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1088-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:13:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

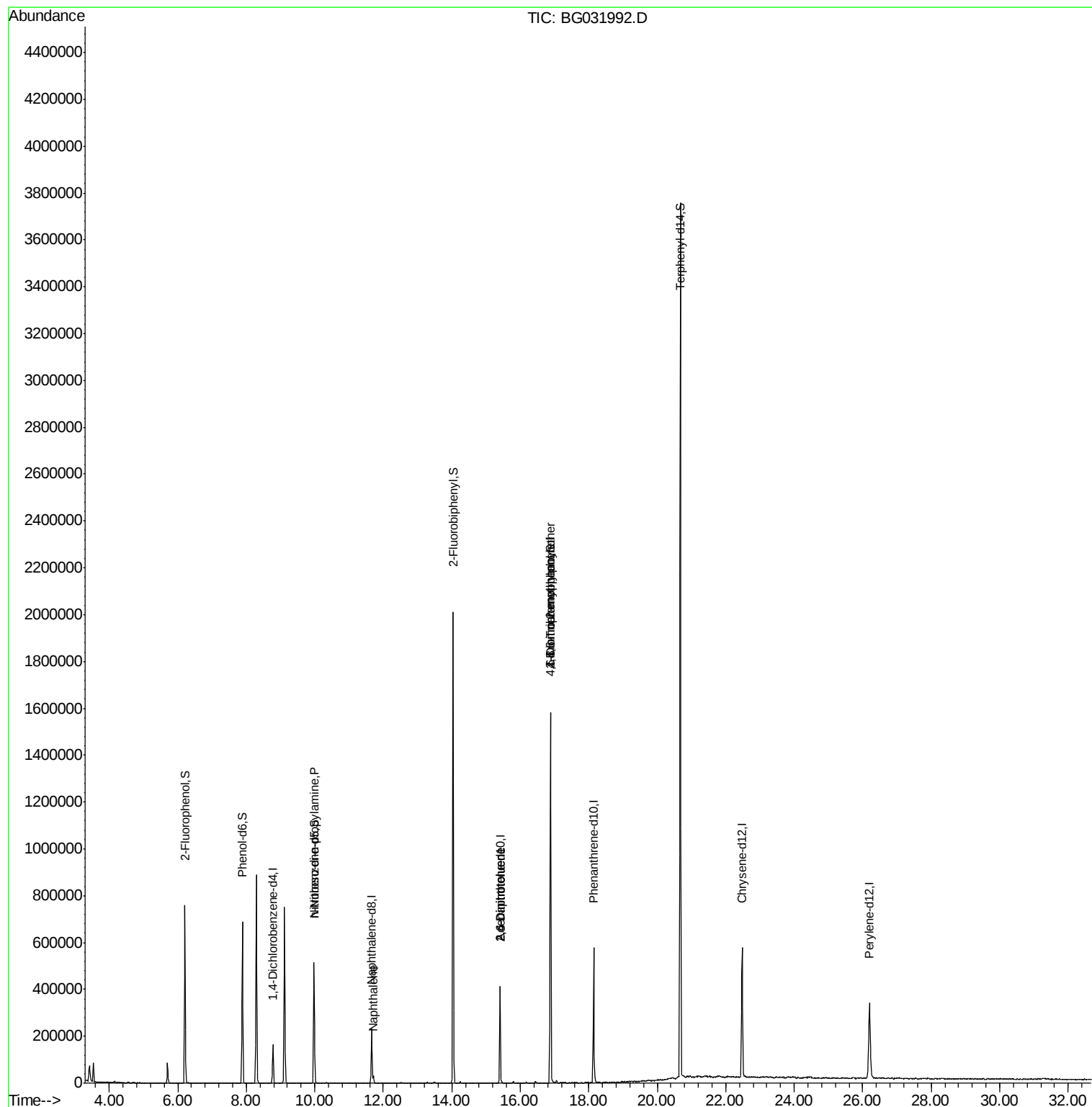
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	57947	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	232824	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	163335	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	403253	20.00	ng	0.00
75) Chrysene-d12	22.48	240	445869	20.00	ng	0.00
86) Perylene-d12	26.20	264	456976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	411358	129.30	ng	0.00
7) Phenol-d6	7.89	99	479490	116.08	ng	0.00
23) Nitrobenzene-d5	9.98	82	336223	109.05	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	390700	156.76	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1219686	93.73	ng	0.00
78) Terphenyl-d14	20.67	244	1984723	101.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	45654	16.184	ng	# 70
31) Naphthalene	11.71	128	29265	2.491	ng	# 97
50) 2,6-Dinitrotoluene	15.41	165	20477	7.736	ng	# 19
56) 2,4-Dinitrotoluene	15.41	165	20477	6.016	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.87	198	1125	8.780	ng	# 98
66) 4-Bromophenyl-phenylether	16.88	248	32540	5.580	ng	# 1

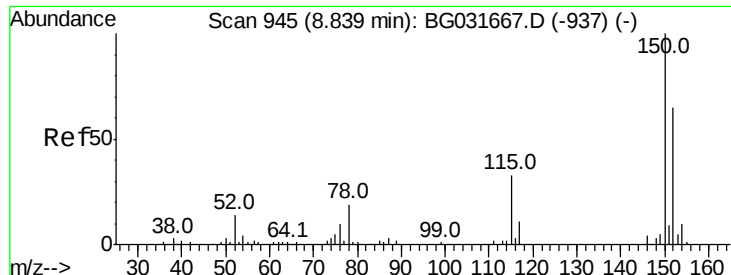
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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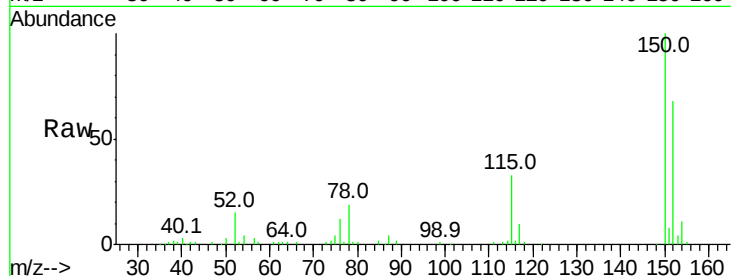


#1

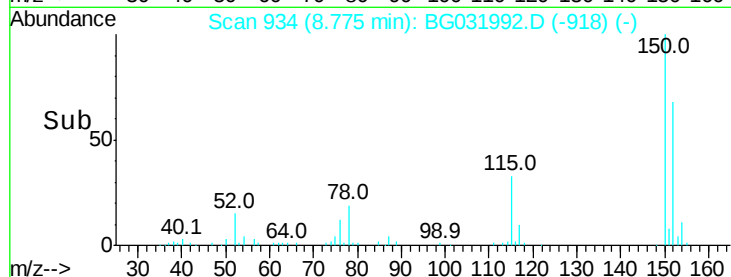
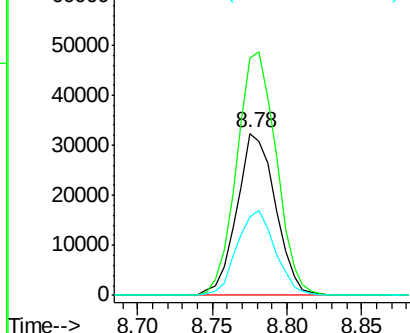
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57947
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 48.7 53.0 79.4#



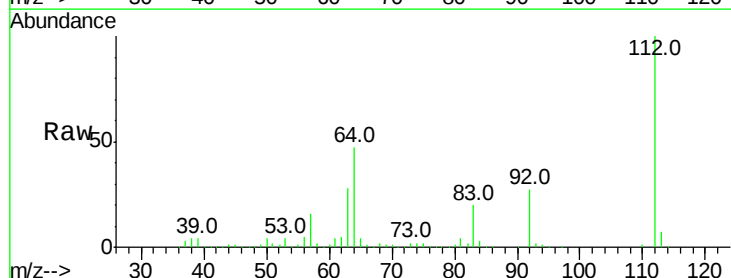
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



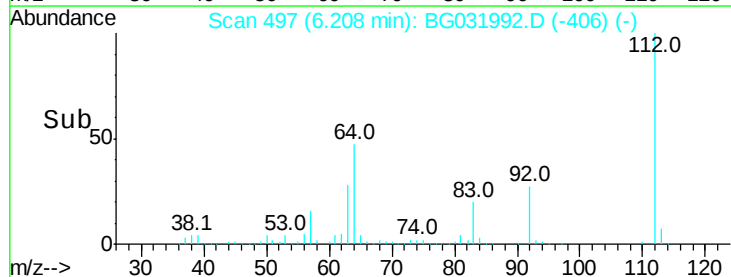
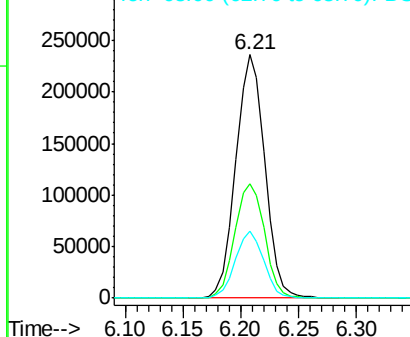
#5

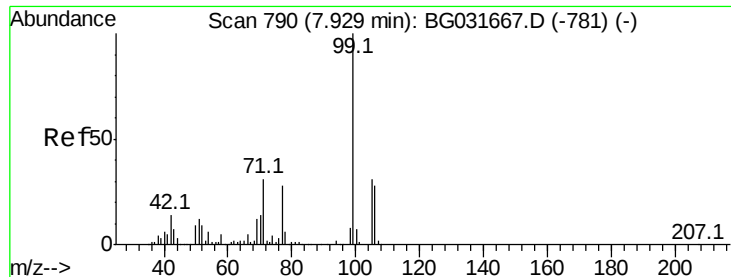
2-Fluorophenol
Concen: 129.298 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Tgt Ion:112 Resp: 411358
Ion Ratio Lower Upper
112 100
64 47.1 56.3 84.5#
63 27.5 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: 116.082 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Instrument :

BNA_G

ClientSampleId :

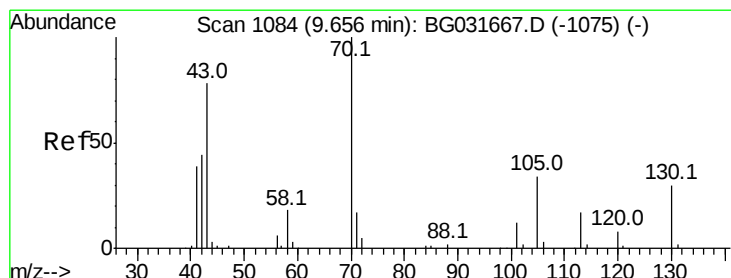
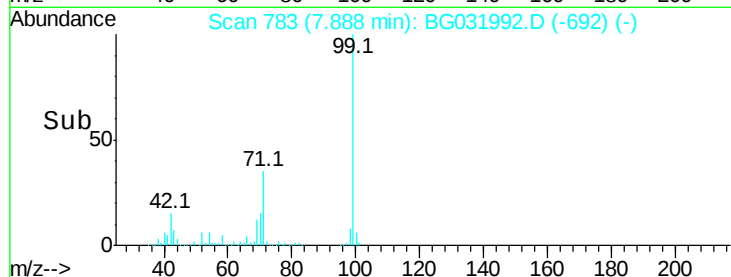
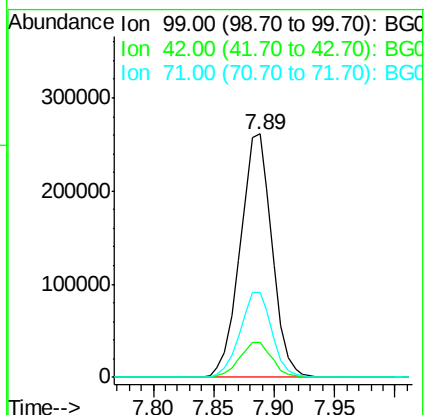
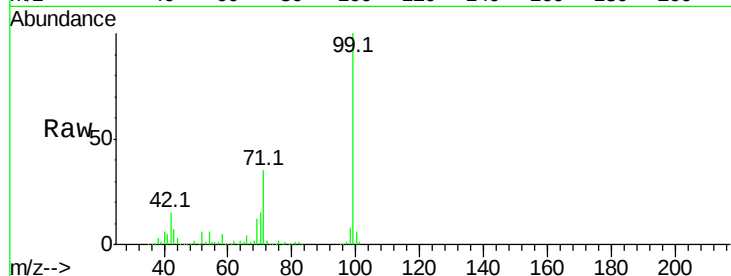
Tot Ion: 99 Resp: 479490

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 34.7 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.184 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.39 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Tgt Ion: 70 Resp: 45654

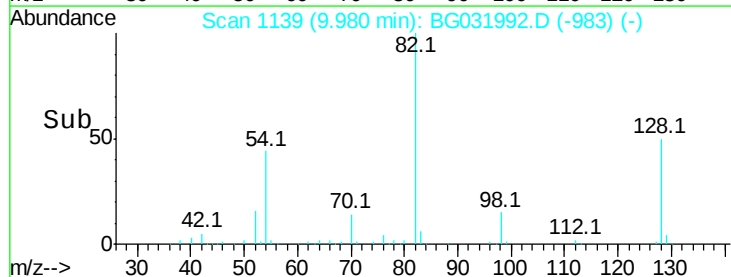
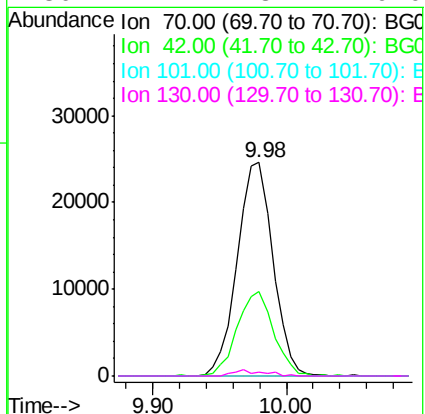
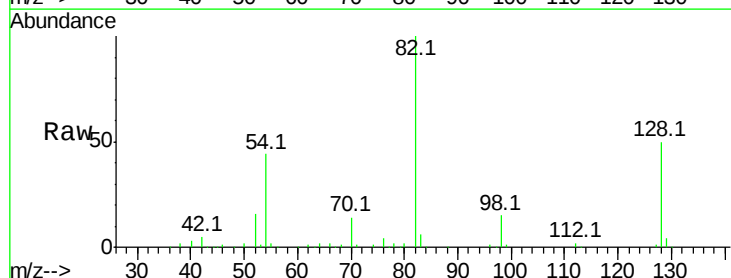
Ion Ratio Lower Upper

70 100

42 39.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

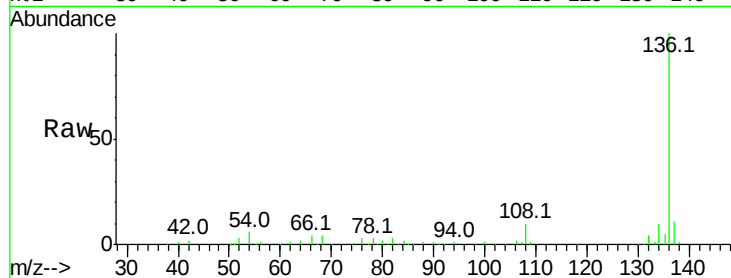




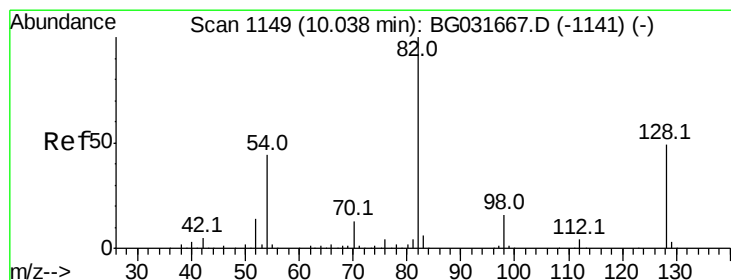
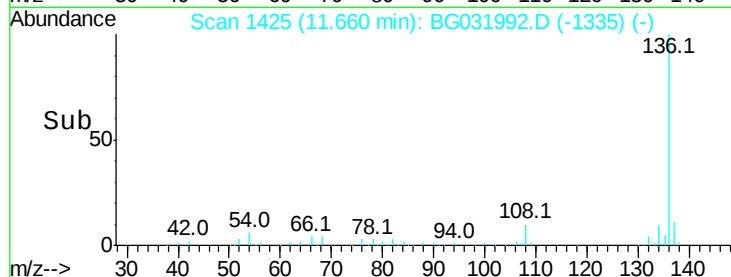
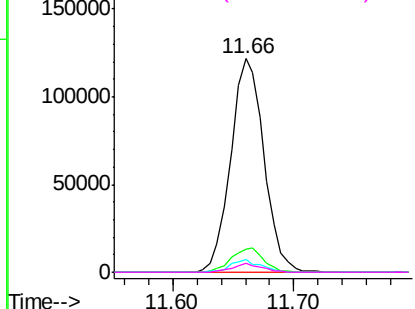
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 232824
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 5.9 10.3 15.5#
68 4.0 4.5 6.7#

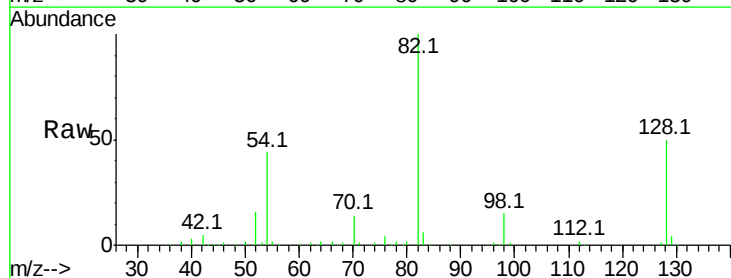


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

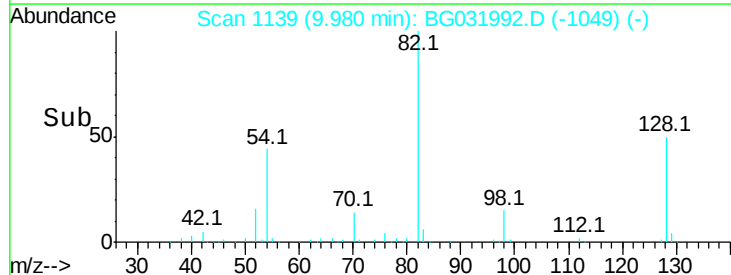
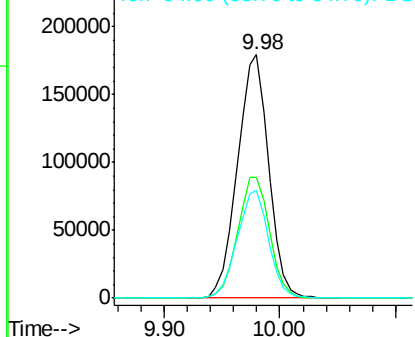


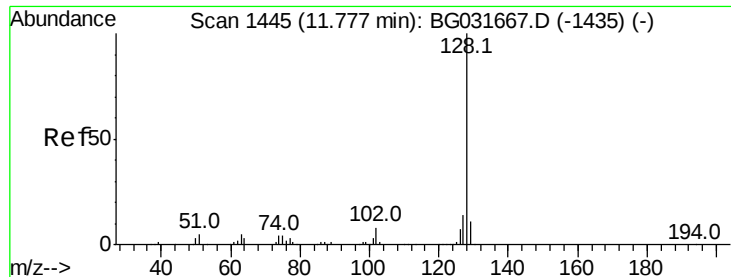
#23
Nitrobenzene-d5
Concen: 109.048 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Tgt Ion: 82 Resp: 336223
Ion Ratio Lower Upper
82 100
128 49.6 29.7 44.5#
54 44.2 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

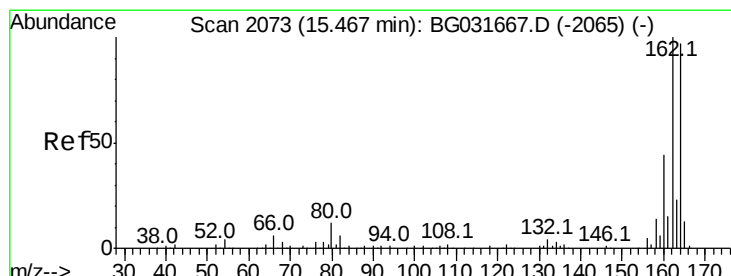
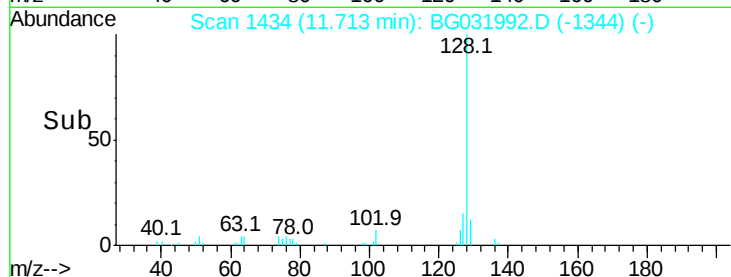
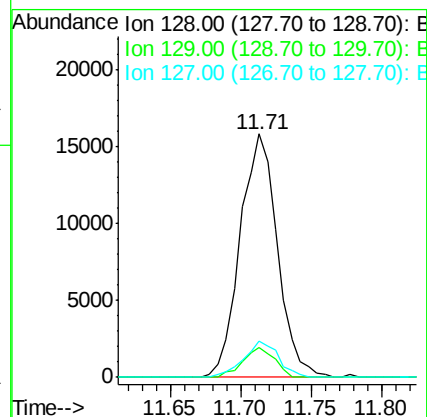
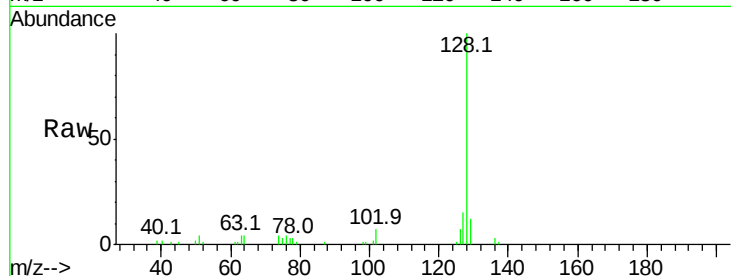




#31
Naphthalene
Concen: 2.491 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

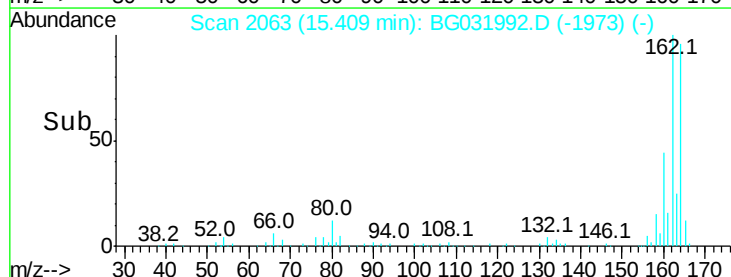
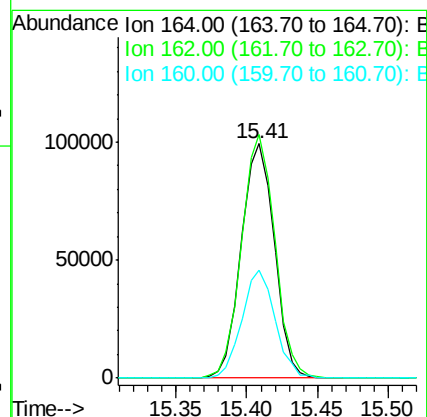
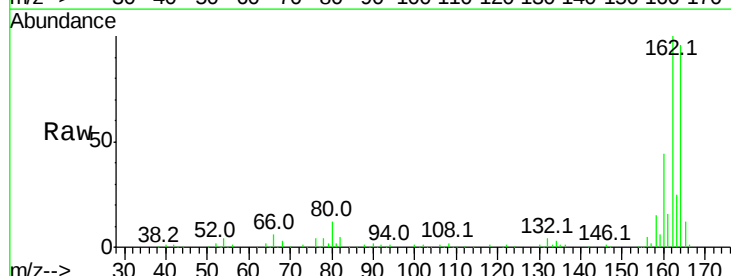
Instrument :
BNA_G
ClientSampleId :

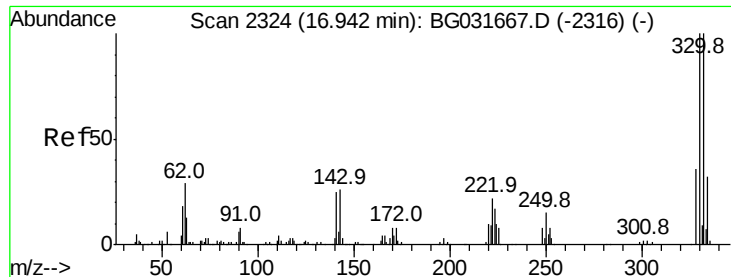
Tot Ion:128 Resp: 29265
Ion Ratio Lower Upper
128 100
129 12.3 8.6 12.8
127 15.1 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Tgt Ion:164 Resp: 163335
Ion Ratio Lower Upper
164 100
162 103.8 78.8 118.2
160 45.8 35.4 53.0

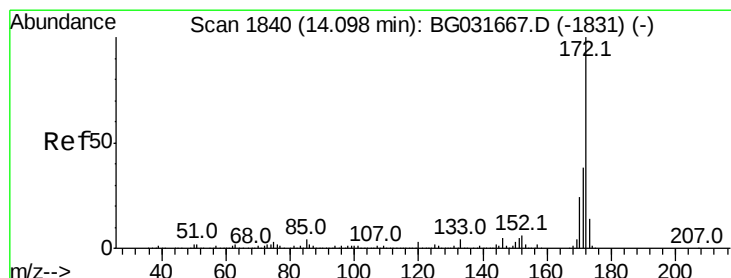
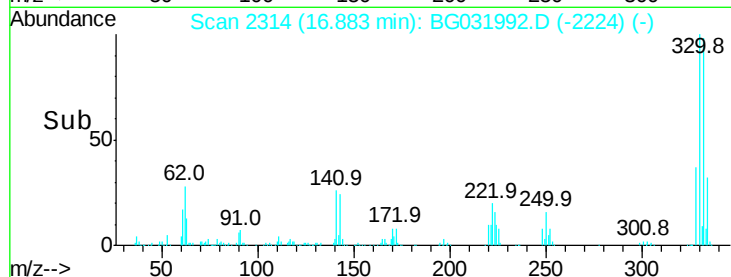
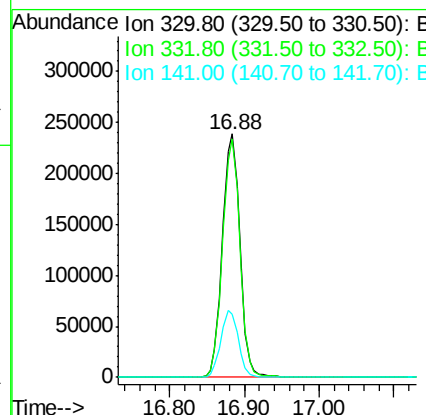
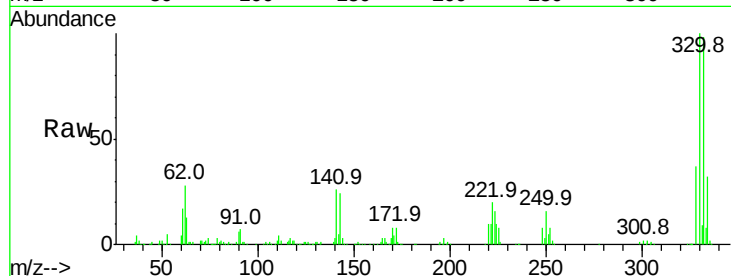




#41
 2,4,6-Tribromophenol
 Concen: 156.765 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

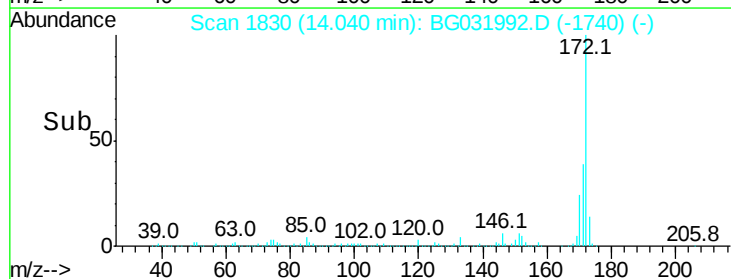
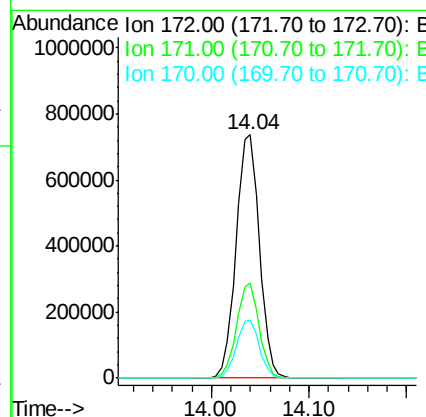
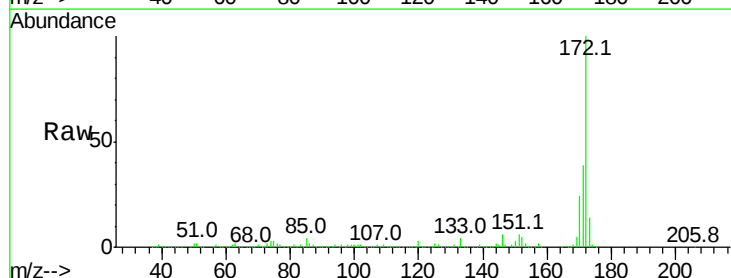
Instrument :
 BNA_G
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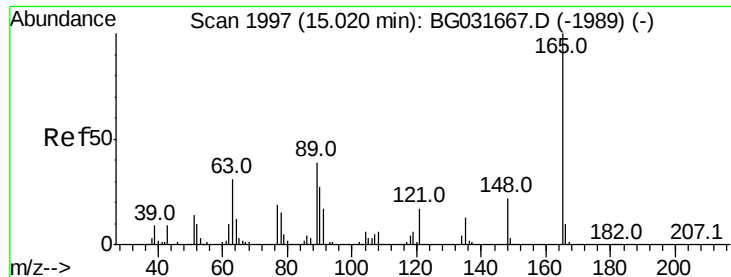
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.3	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 93.726 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	23.8	19.5	29.3

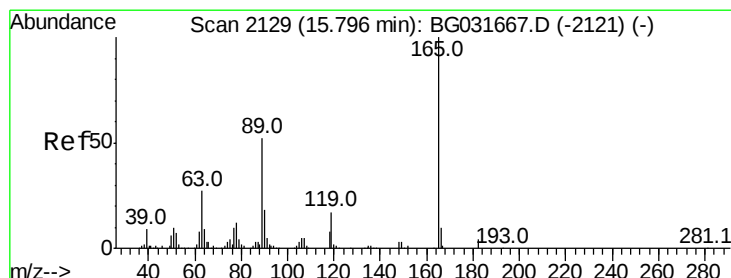
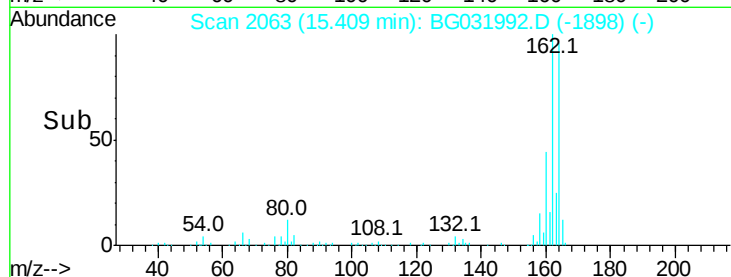
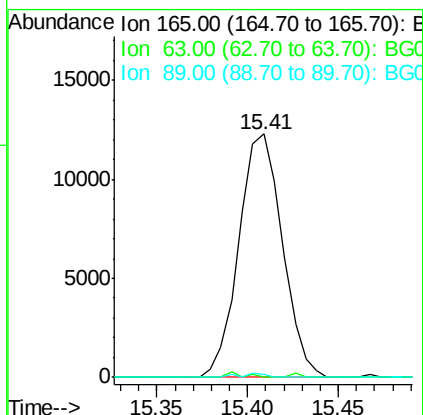
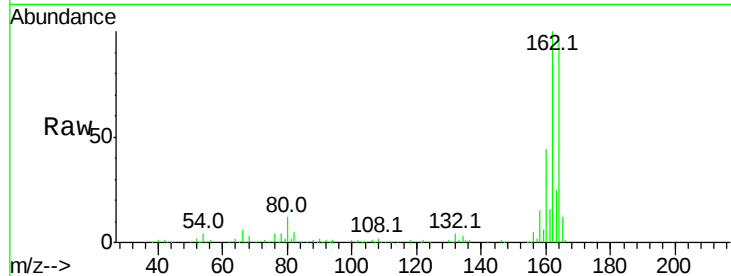




#50
 2,6-Dinitrotoluene
 Concen: 7.736 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.44 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

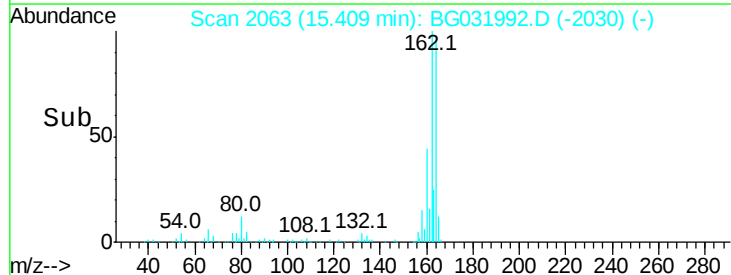
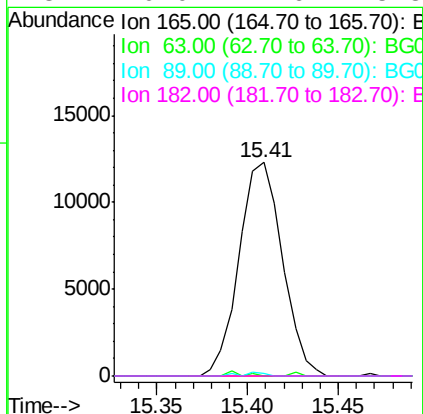
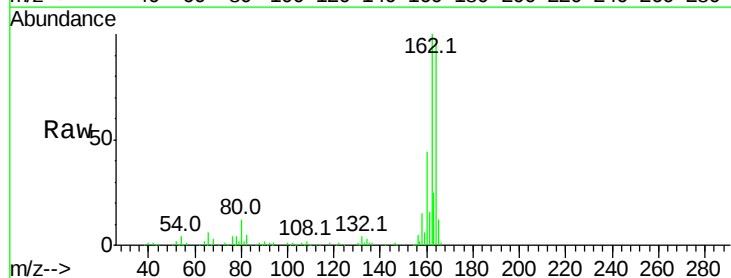
Instrument :
 BNA_G
 ClientSampleId :

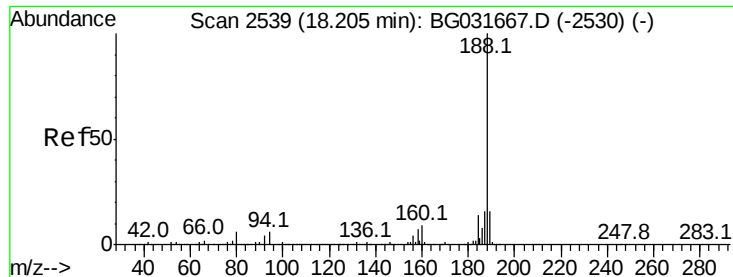
Tot Ion:165 Resp: 20477
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.4 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.016 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.34 min
 Lab File: BG031992.D
 Acq: 11 Jan 2018 20:09

Tgt Ion:165 Resp: 20477
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.4 66.9 100.3#
 182 0.0 2.6 3.8#

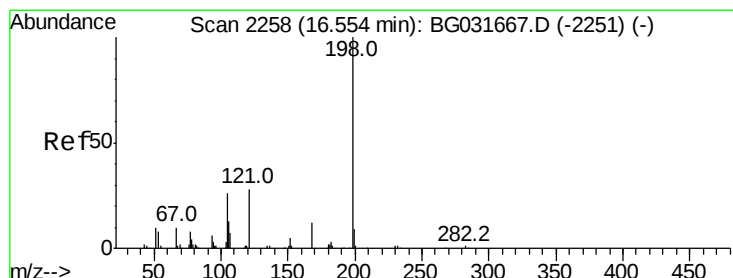
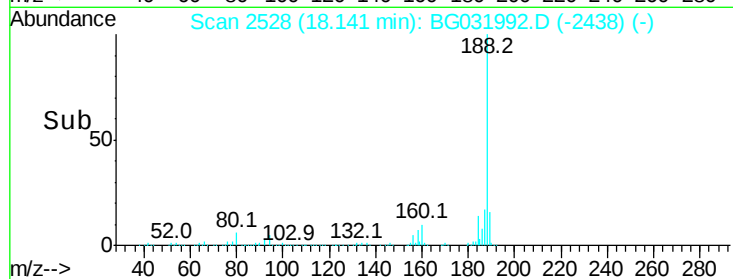
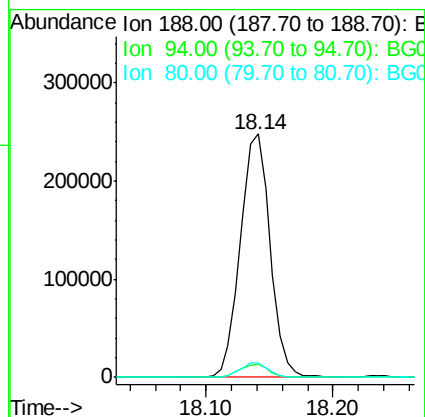
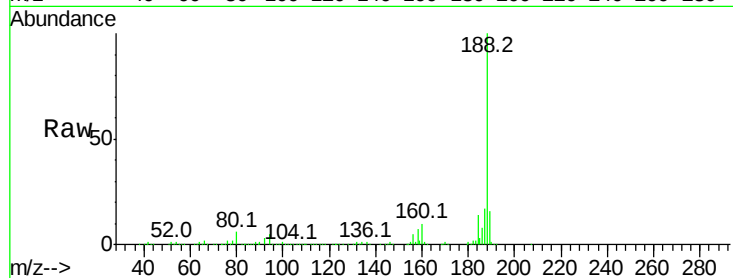




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

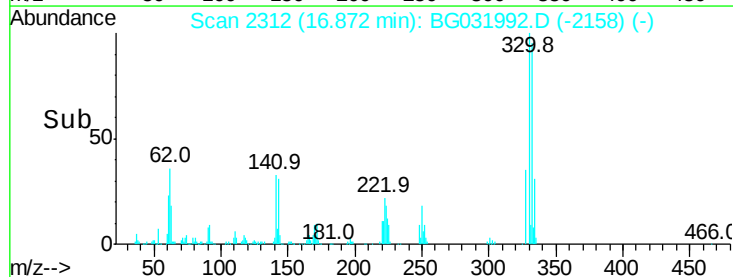
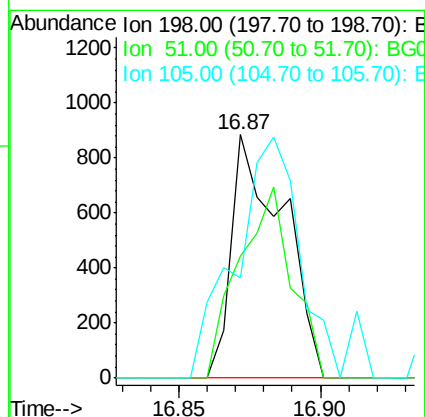
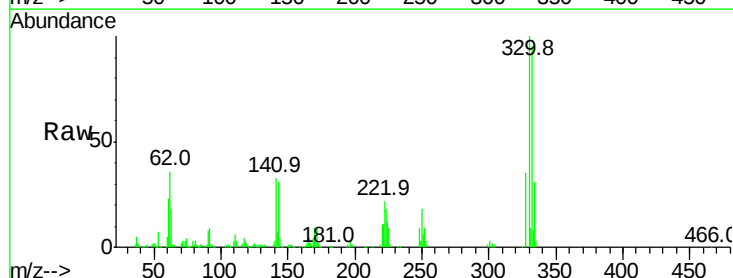
Instrument :
BNA_G
ClientSampleId :

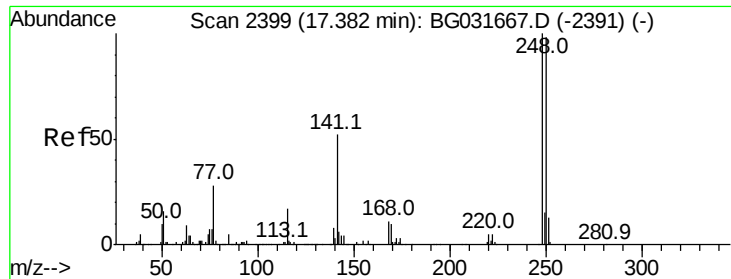
Tot Ion:188 Resp: 403253
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.780 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.37 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Tgt Ion:198 Resp: 1125
Ion Ratio Lower Upper
198 100
51 50.1 30.6 70.6
105 41.4 23.8 63.8

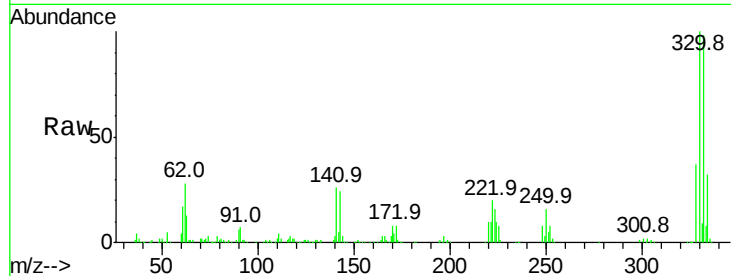




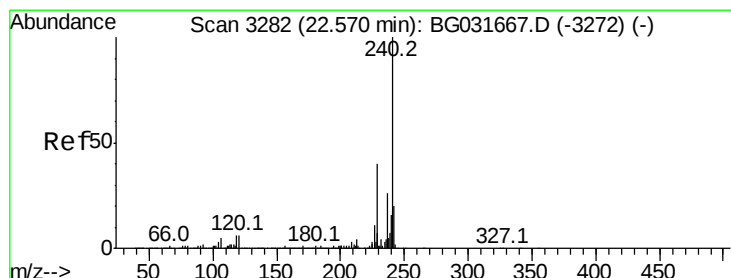
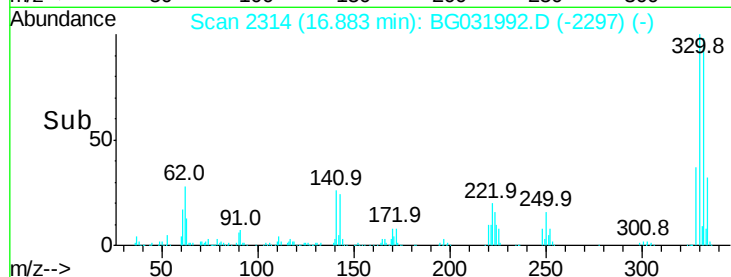
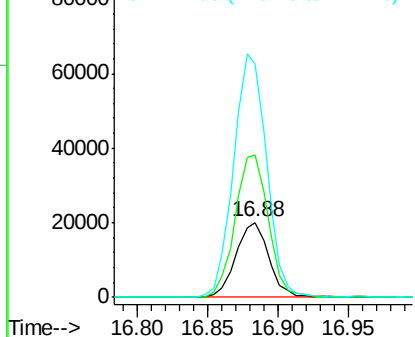
#66
4-Bromophenyl-phenylether
Concen: 5.580 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.43 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 32540
Ion Ratio Lower Upper
248 100
250 190.2 77.1 115.7#
141 311.8 50.8 76.2#

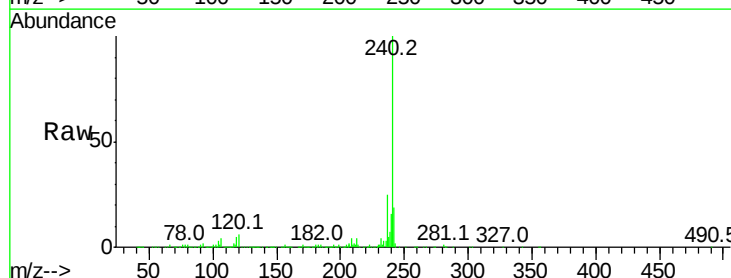


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

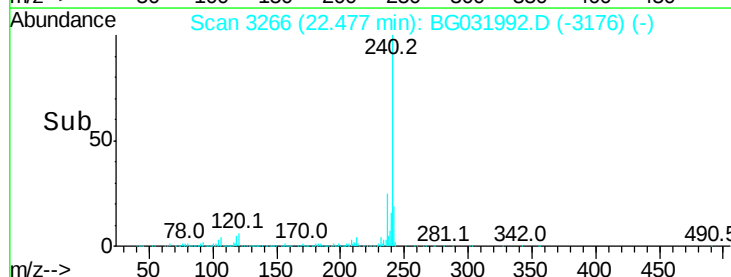
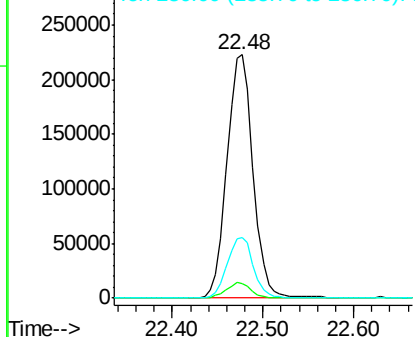


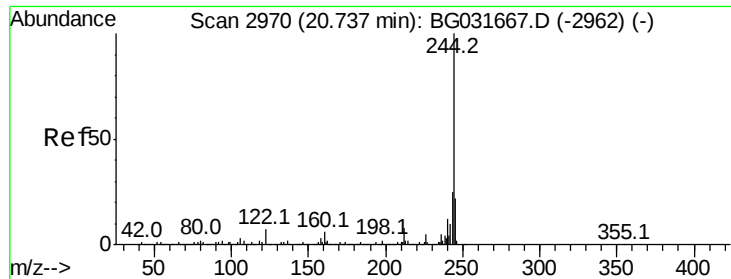
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BG031992.D
Acq: 11 Jan 2018 20:09

Tgt Ion:240 Resp: 445869
Ion Ratio Lower Upper
240 100
120 5.9 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: 101.698 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

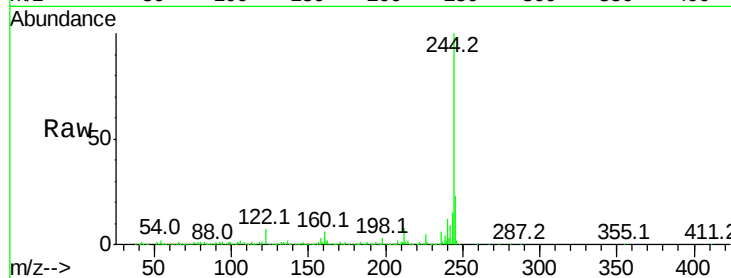
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1984723

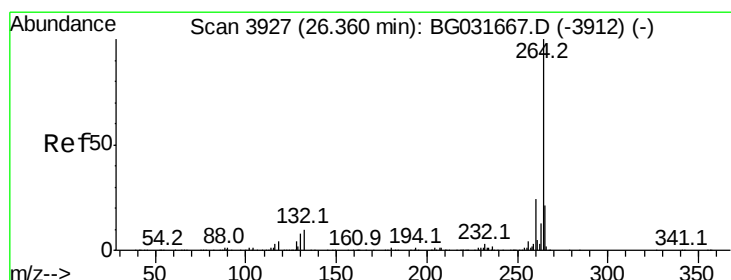
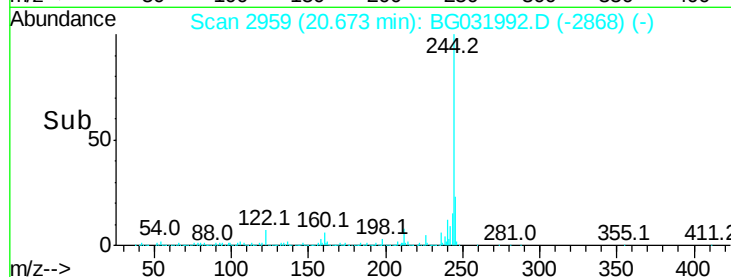
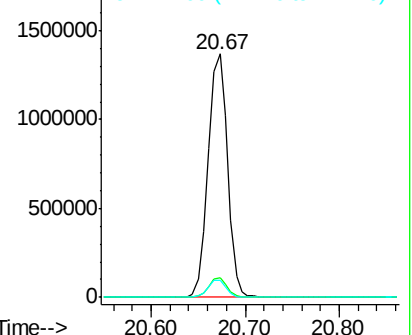
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	7.0	7.0	10.4



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: 20.000 ng

RT: 26.20 min Scan# 3899

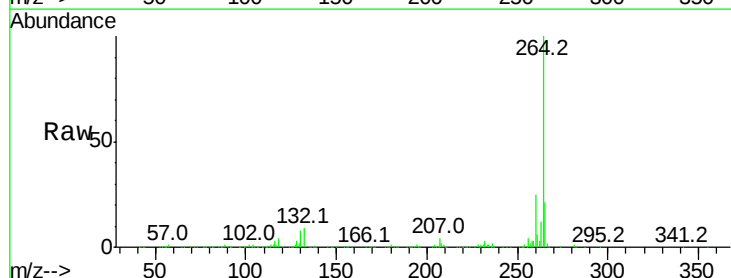
Delta R.T. -0.01 min

Lab File: BG031992.D

Acq: 11 Jan 2018 20:09

Tgt Ion:264 Resp: 456976

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.2	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

