

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
 Data File : BG031878.D
 Acq On : 2 Jan 2018 19:17
 Operator : SJ/JU
 Sample : I6682-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 00:09:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

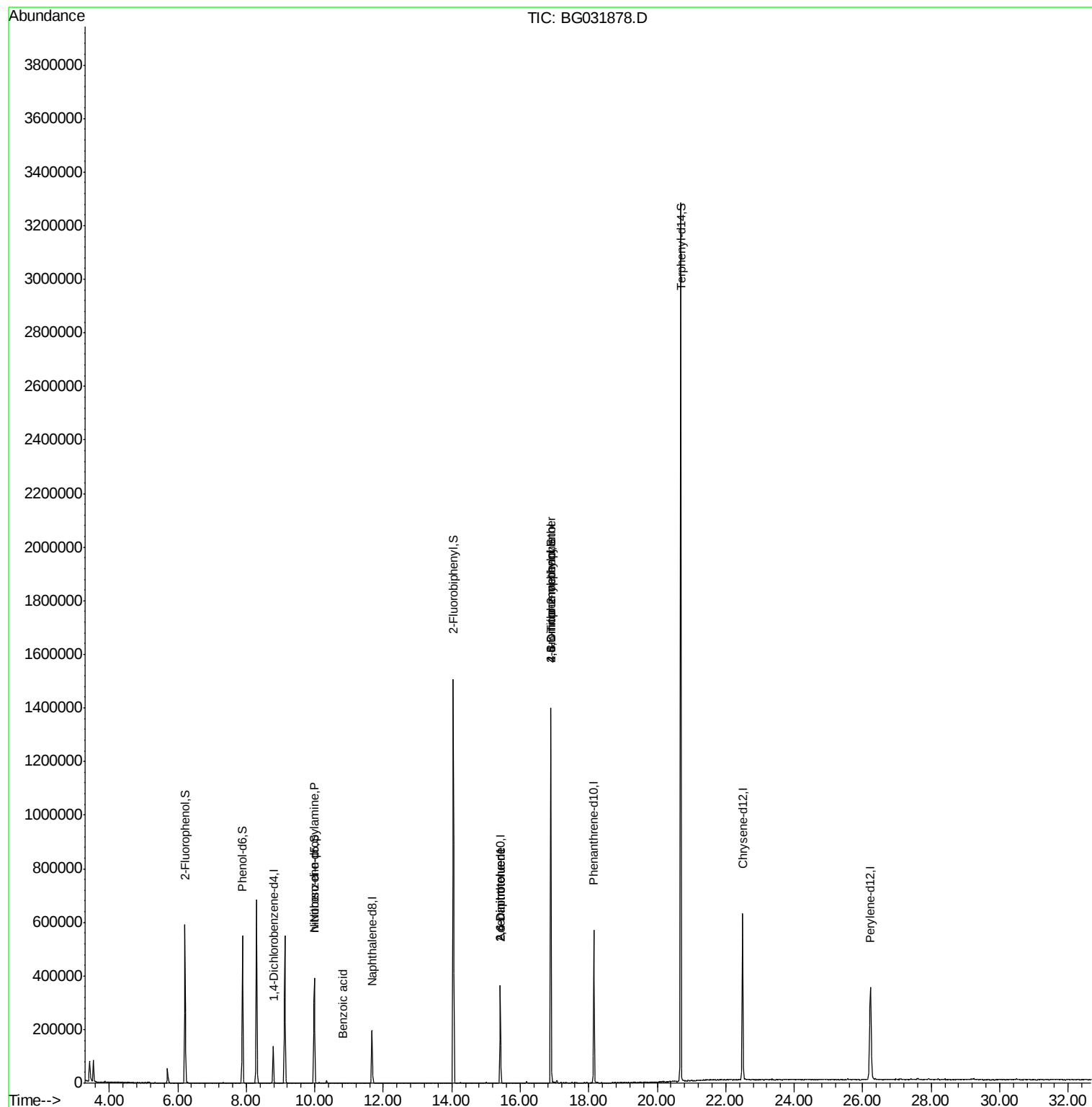
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	47964	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	199375	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	141068	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	401522	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	470447	20.00	ng	-0.02
86) Perylene-d12	26.23	264	484366	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	332845	126.39	ng	0.00
7) Phenol-d6	7.89	99	388106	113.51	ng	0.00
23) Nitrobenzene-d5	9.99	82	256788	97.26	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	339809	157.87	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	935458	83.23	ng	0.00
78) Terphenyl-d14	20.68	244	1854022	90.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.99	70	33446	14.324	ng	# 68
32) Benzoic acid	10.81	122	112	6.742	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	18737	8.196	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	18737	6.374	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	815	8.651	ng	# 72
66) 4-Bromophenyl-phenylether	16.89	248	27162	4.678	ng	# 1

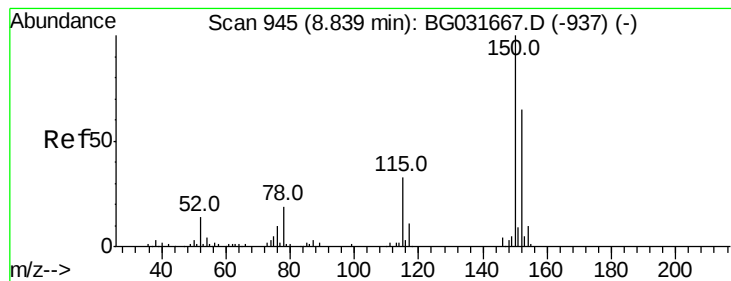
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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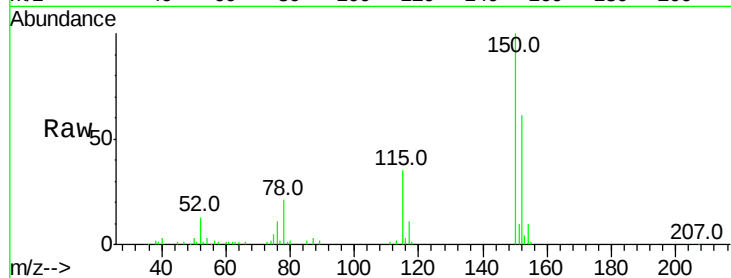


#1

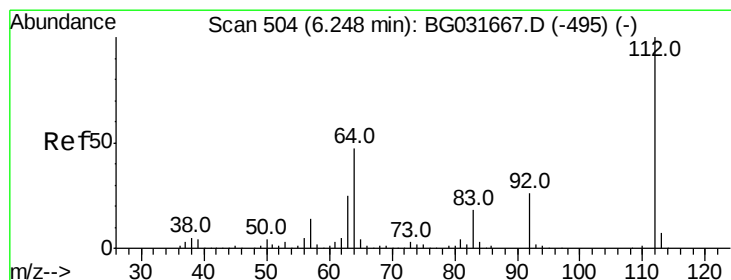
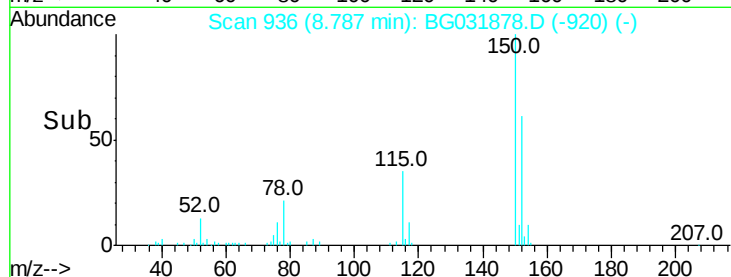
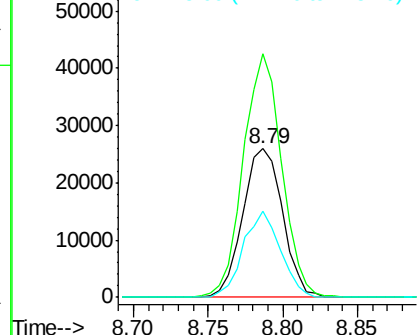
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47964
Ion Ratio Lower Upper
152 100
150 163.8 126.6 189.8
115 58.1 53.0 79.4



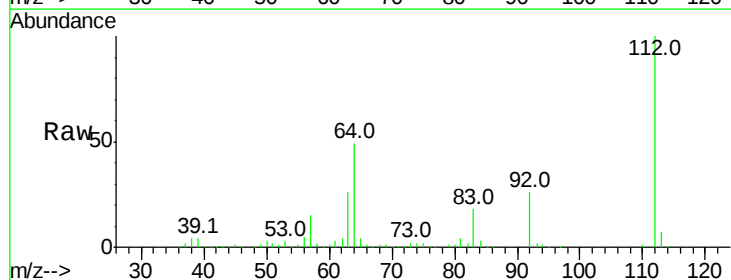
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



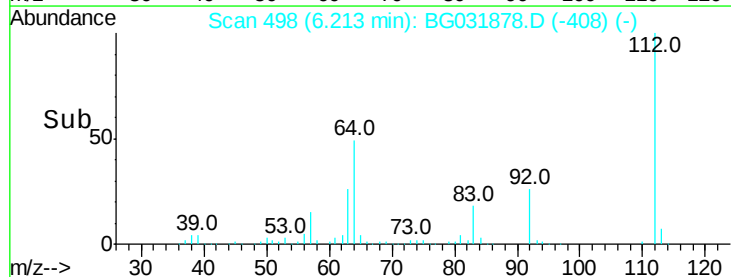
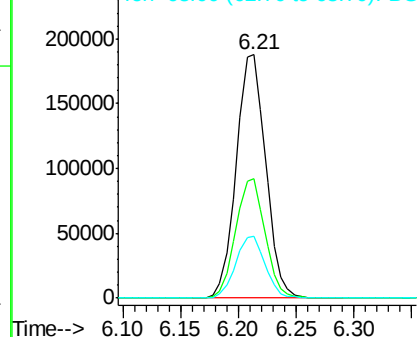
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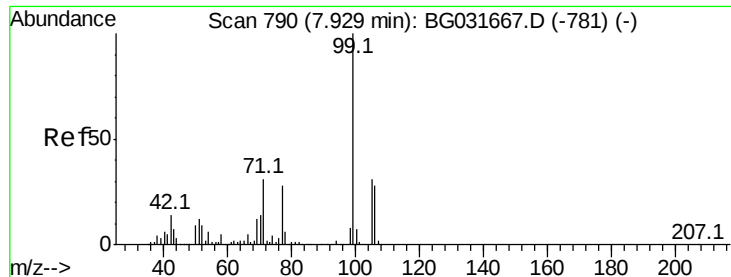
2-Fluorophenol
Concen: 126.395 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:112 Resp: 332845
Ion Ratio Lower Upper
112 100
64 49.0 56.3 84.5#
63 25.6 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: 113.515 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031878.D

Acq: 2 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

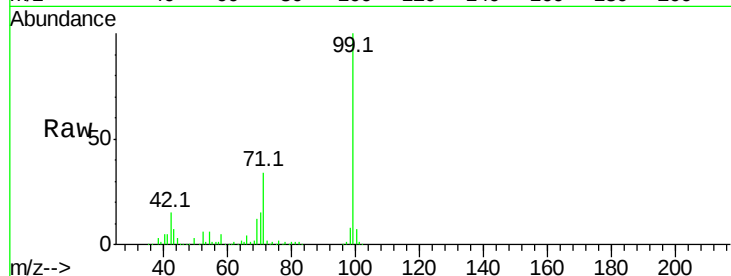
Tot Ion: 99 Resp: 388106

Ion Ratio Lower Upper

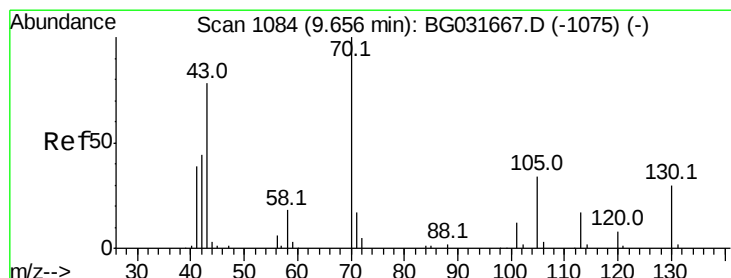
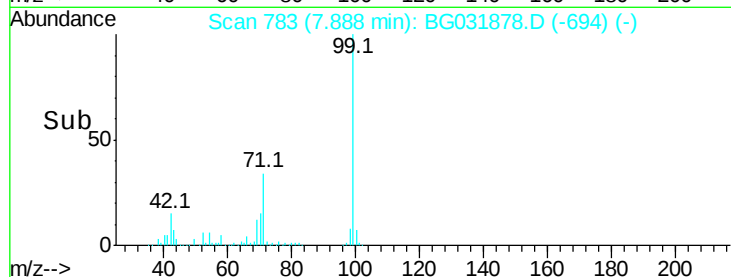
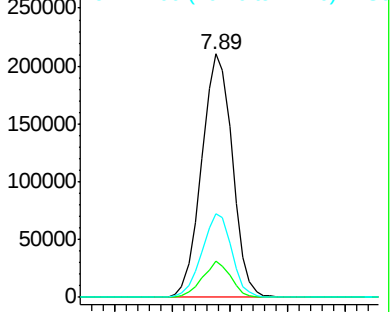
99 100

42 14.9 14.1 21.1

71 34.3 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: 14.324 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.38 min

Lab File: BG031878.D

Acq: 2 Jan 2018 19:17

Tgt Ion: 70 Resp: 33446

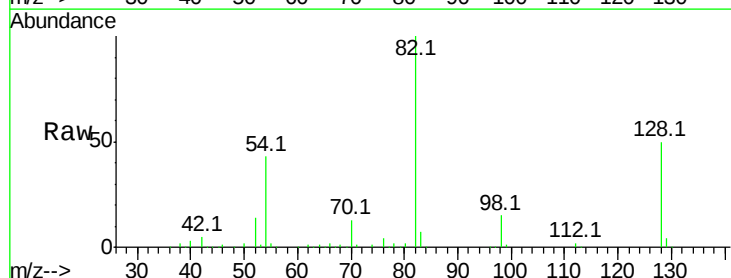
Ion Ratio Lower Upper

70 100

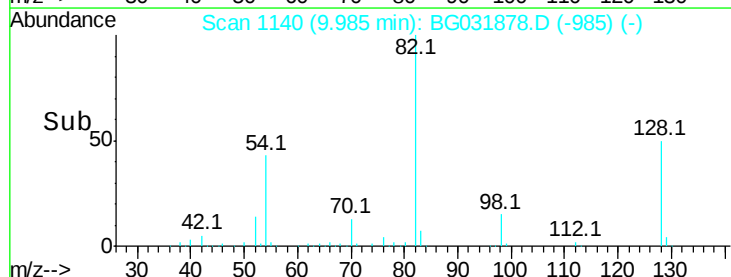
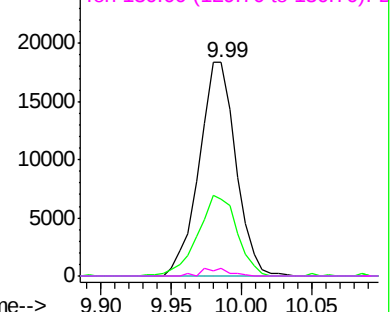
42 36.1 49.1 73.7#

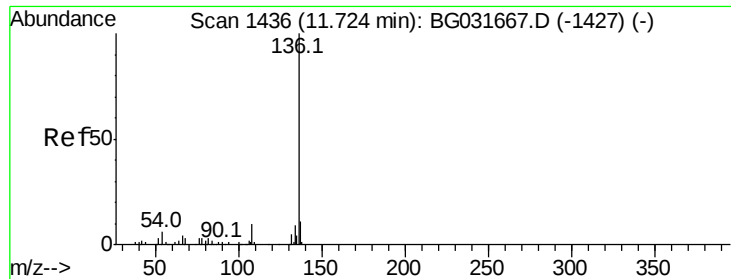
101 0.0 8.5 12.7#

130 3.5 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

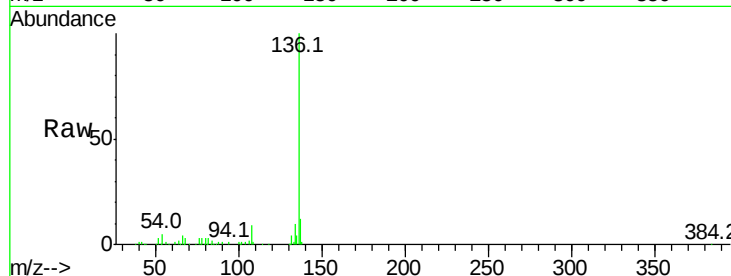




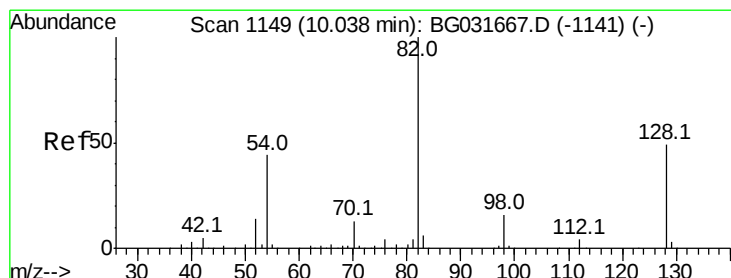
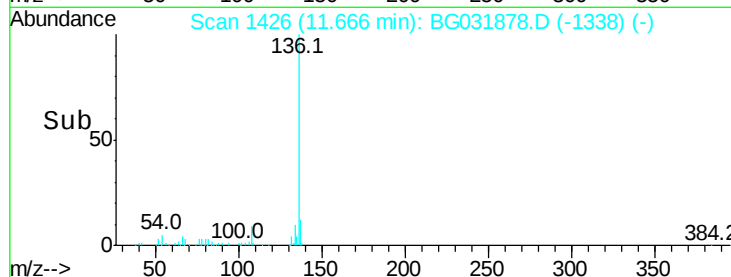
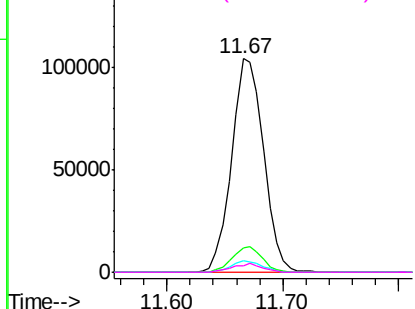
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	199375
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	5.2	10.3	15.5#
68	3.3	4.5	6.7#

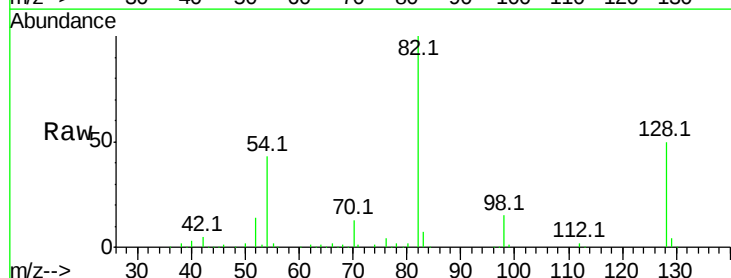


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

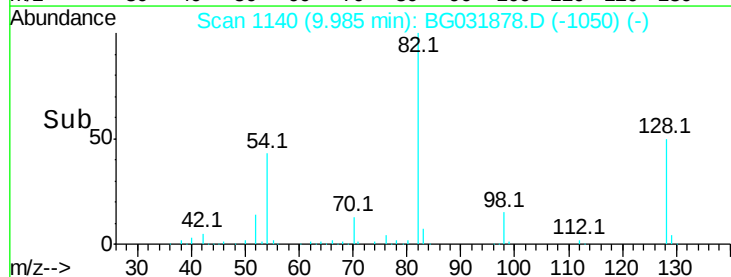
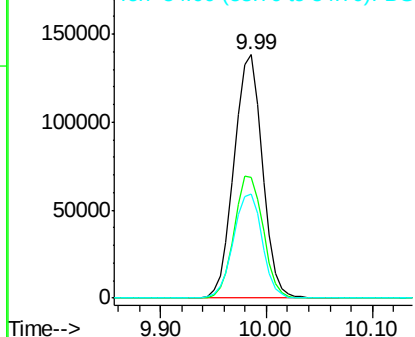


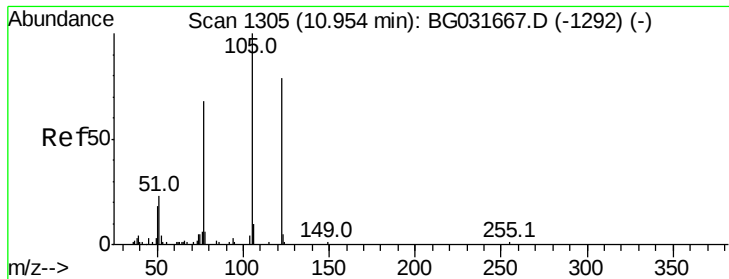
#23
Nitrobenzene-d5
Concen: 97.257 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG031878.D
Acq: 2 Jan 2018 19:17

Tgt Ion:	82	Resp:	256788
Ion	Ratio	Lower	Upper
82	100		
128	49.8	29.7	44.5#
54	42.9	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





#32

Benzoic acid

Concen: 6.742 ng

RT: 10.81 min Scan# 1281

Delta R.T. -0.09 min

Lab File: BG031878.D

Acq: 2 Jan 2018 19:17

Instrument :

BNA_G

ClientSampleId :

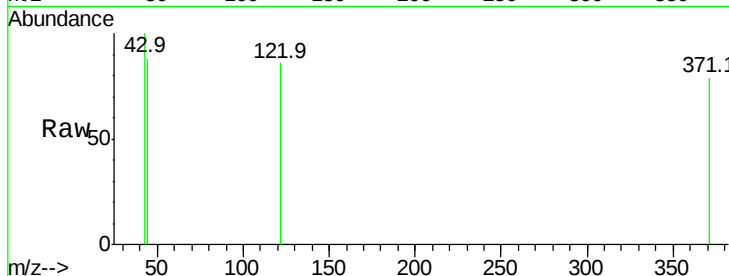
Tot Ion:122 Resp: 112

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

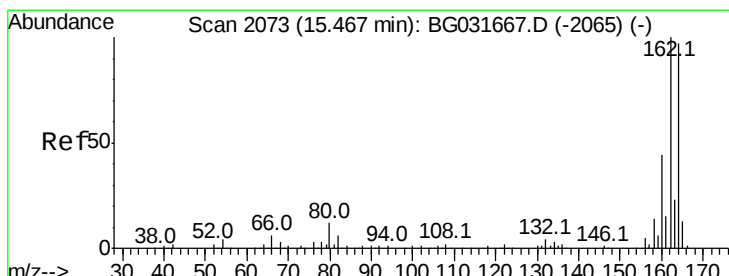
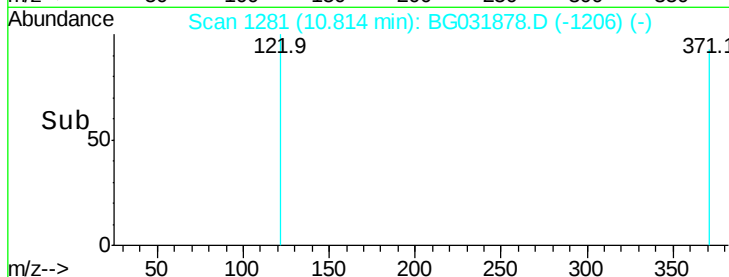
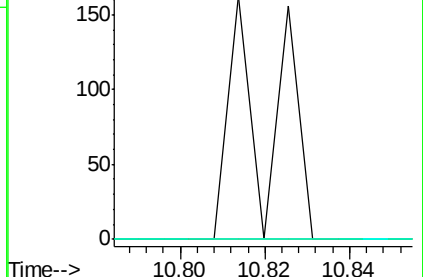
77 0.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031878.D

Acq: 2 Jan 2018 19:17

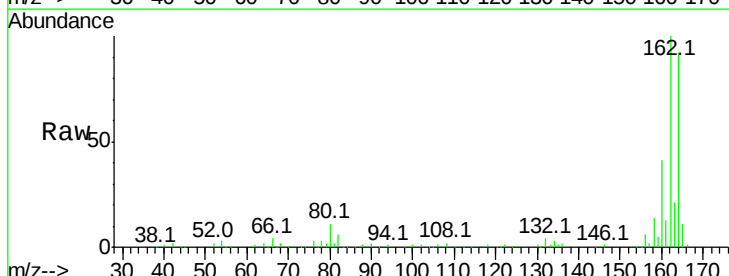
Tgt Ion:164 Resp: 141068

Ion Ratio Lower Upper

164 100

162 108.8 78.8 118.2

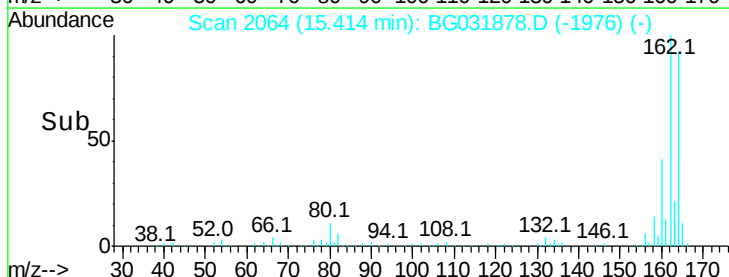
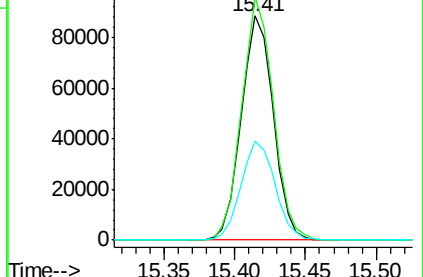
160 44.5 35.4 53.0

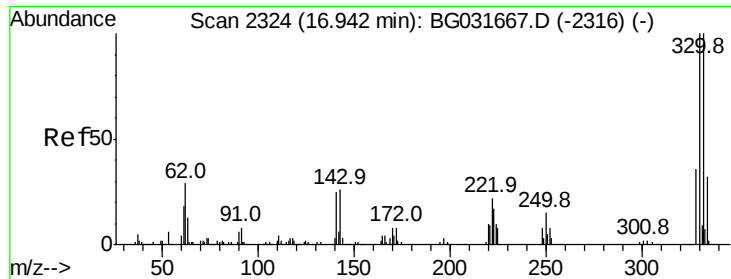


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

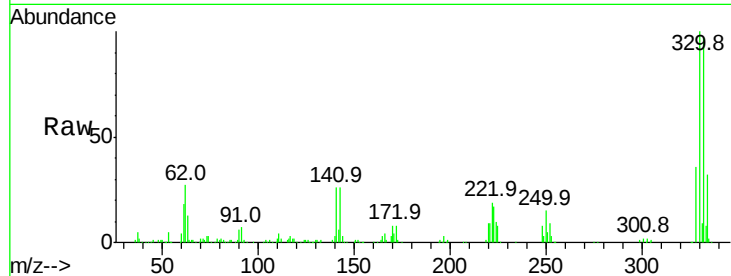




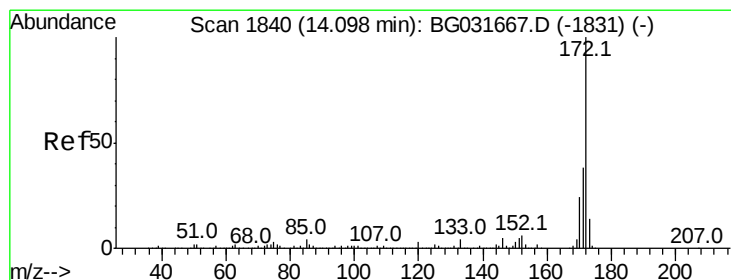
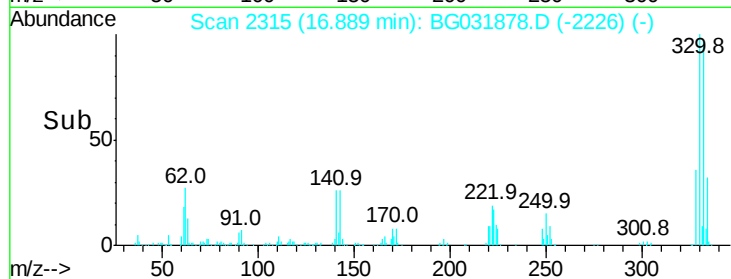
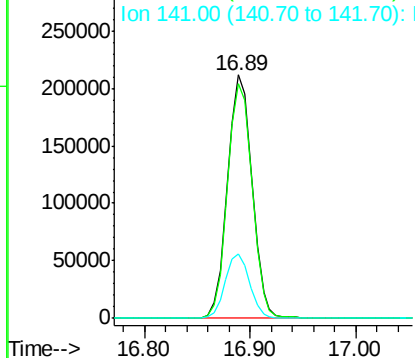
#41
 2,4,6-Tribromophenol
 Concen: 157.867 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.5	25.2	37.8

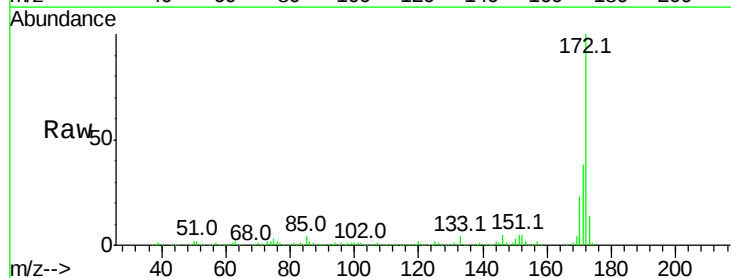


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

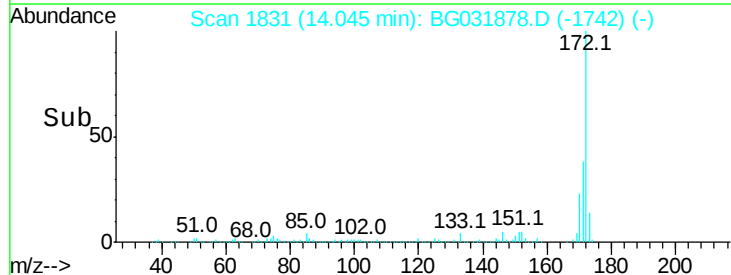
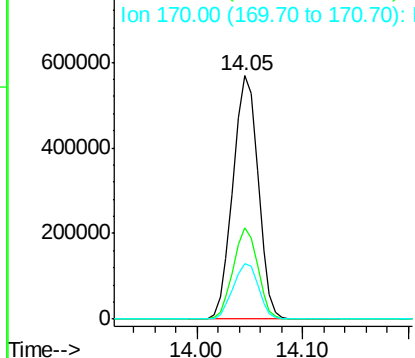


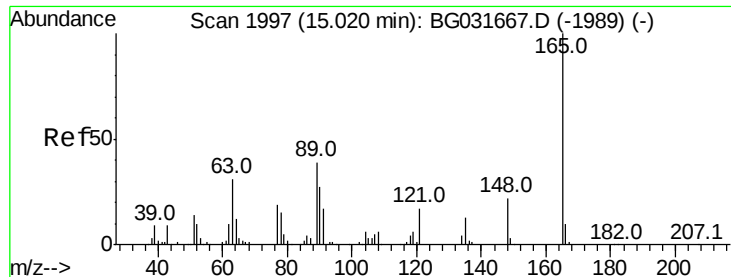
#44
 2-Fluorobiphenyl
 Concen: 83.231 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.8	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

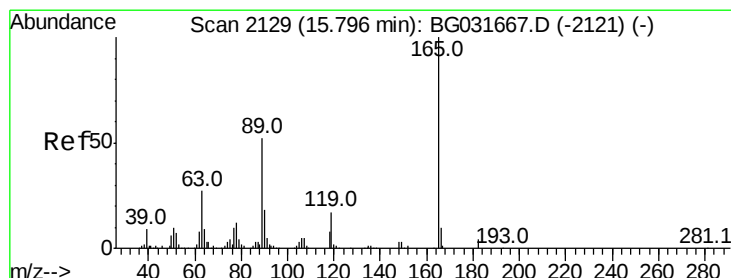
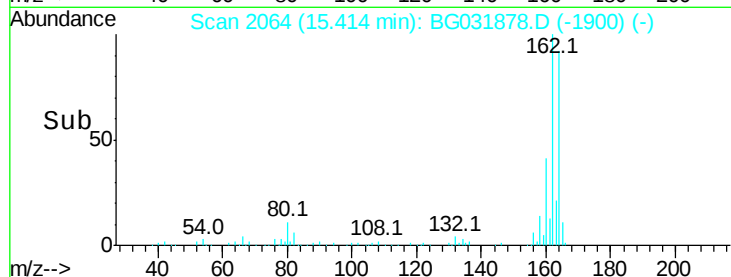
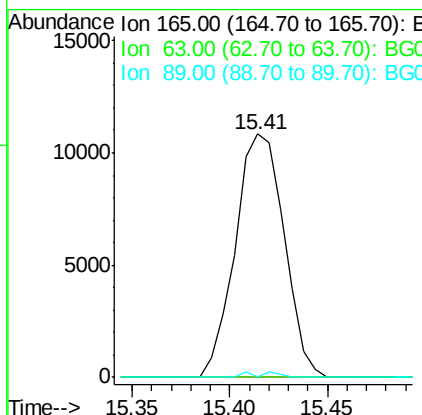
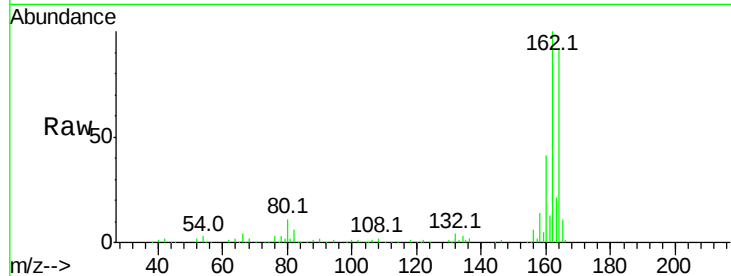




#50
 2,6-Dinitrotoluene
 Concen: 8.196 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. 0.43 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

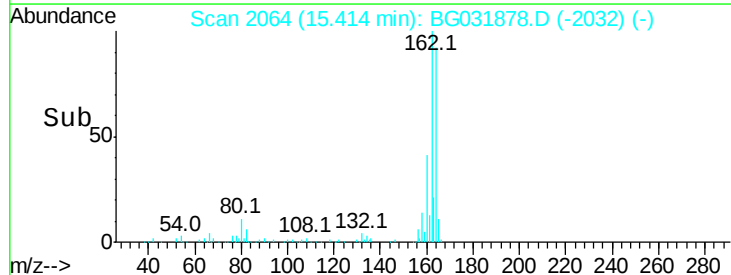
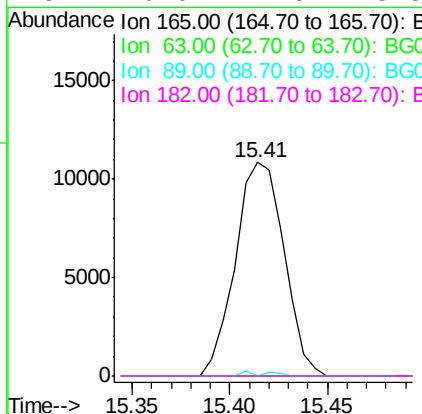
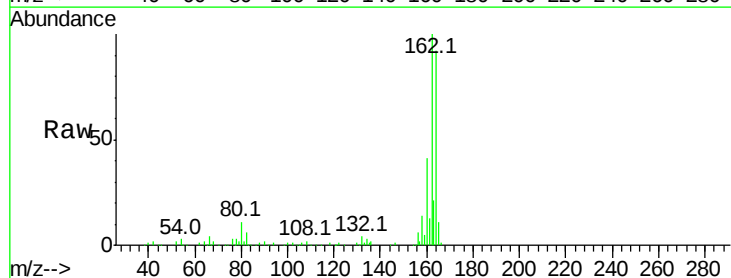
Instrument :
 BNA_G
 ClientSampled :

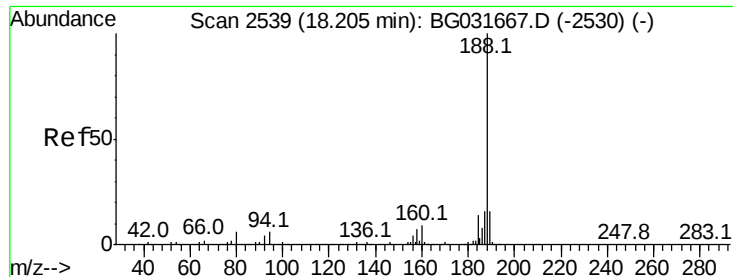
Tot Ion:165 Resp: 18737
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.374 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

Tgt Ion:165 Resp: 18737
 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#

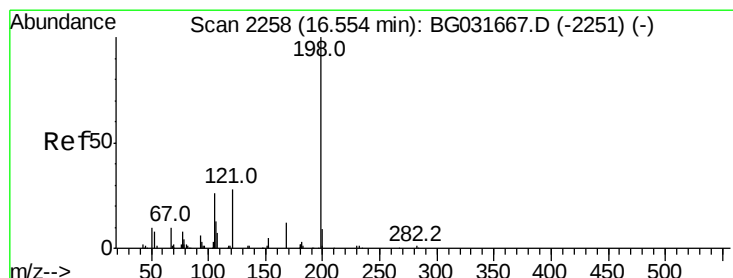
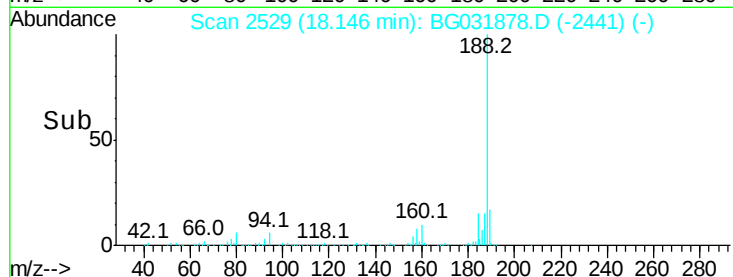
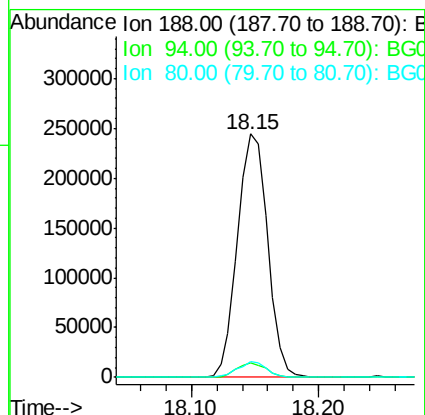
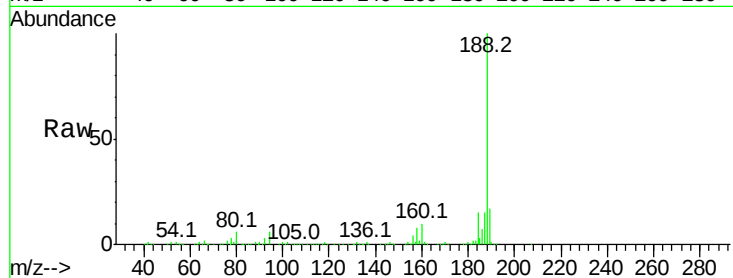




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

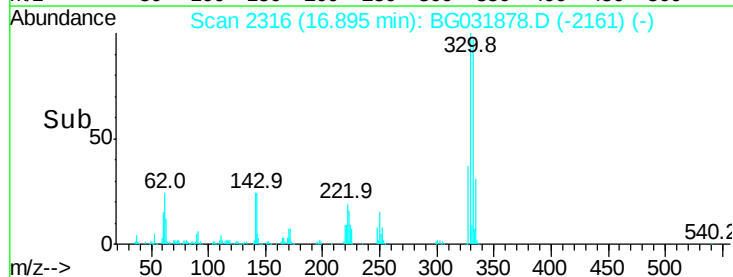
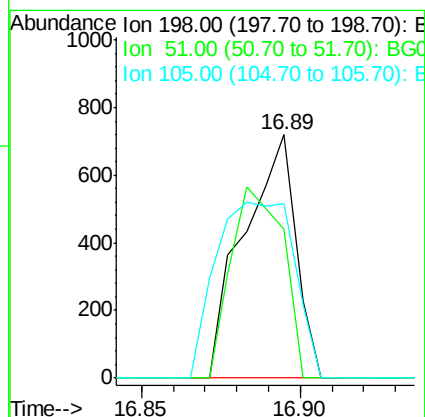
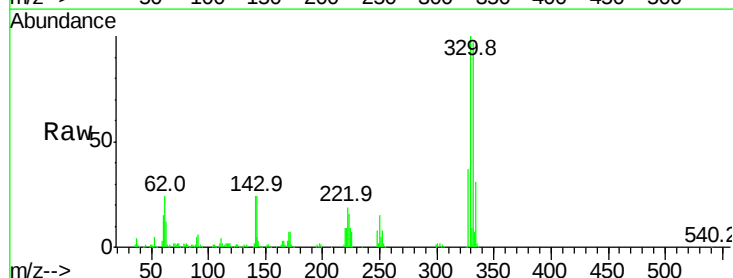
Instrument :
 BNA_G
 ClientSampleId :

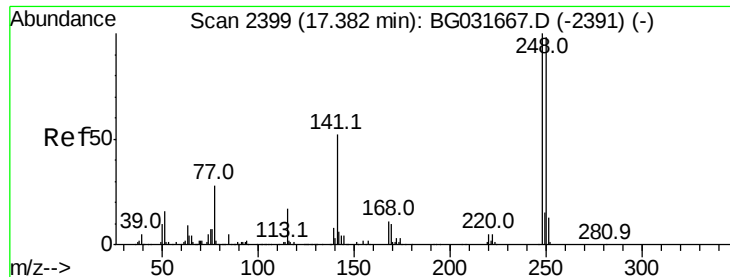
Tot Ion:188 Resp: 401522
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 6.4 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.651 ng
 RT: 16.89 min Scan# 2316
 Delta R.T. 0.38 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

Tgt Ion:198 Resp: 815
 Ion Ratio Lower Upper
 198 100
 51 61.3 30.6 70.6
 105 71.4 23.8 63.8#

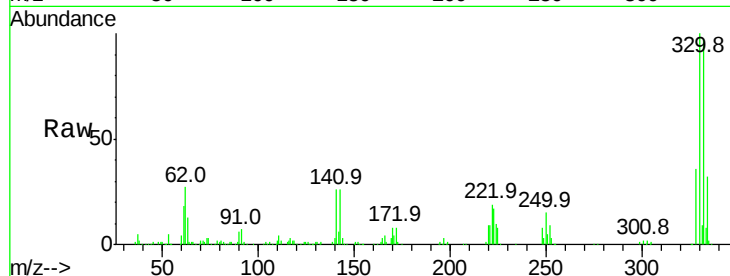




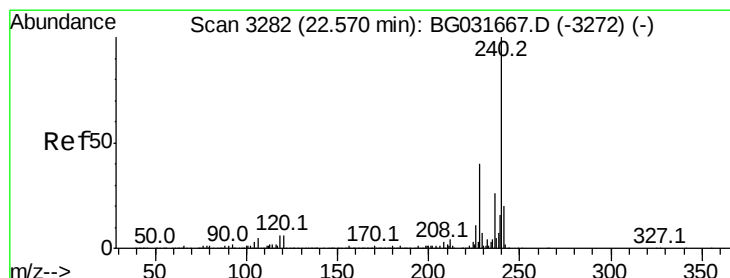
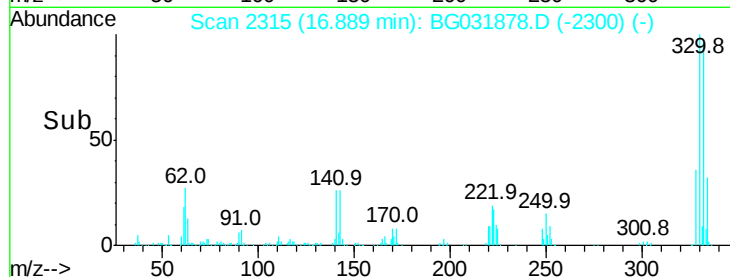
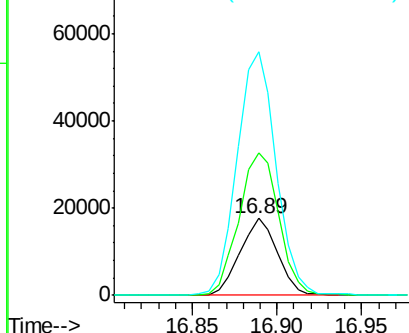
#66
 4-Bromophenyl-phenylether
 Concen: 4.678 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 27162
 Ion Ratio Lower Upper
 248 100
 250 184.9 77.1 115.7#
 141 317.2 50.8 76.2#

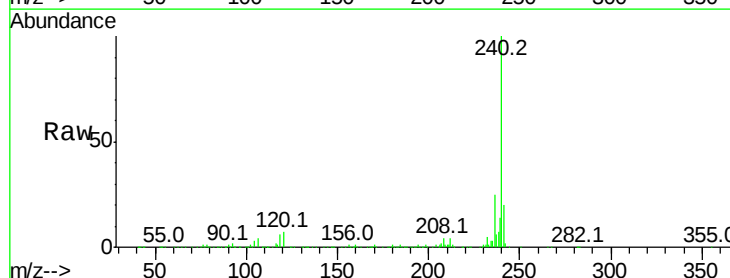


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

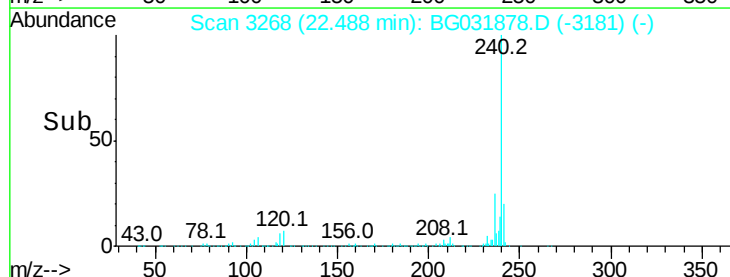
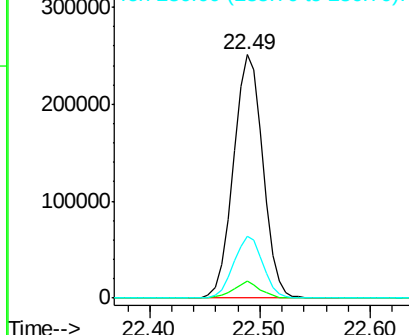


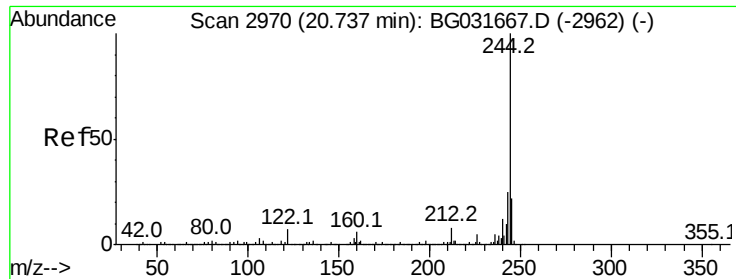
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031878.D
 Acq: 2 Jan 2018 19:17

Tgt Ion:240 Resp: 470447
 Ion Ratio Lower Upper
 240 100
 120 7.1 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: 90.038 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031878.D

Acq: 2 Jan 2018 19:17

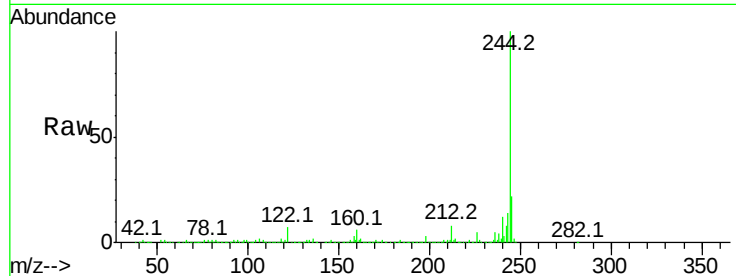
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1854022

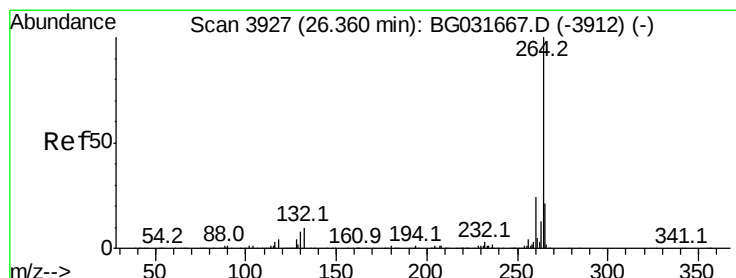
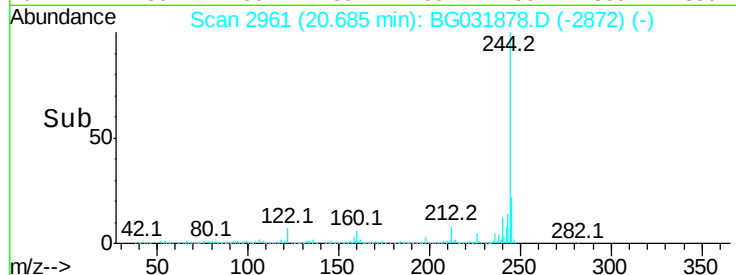
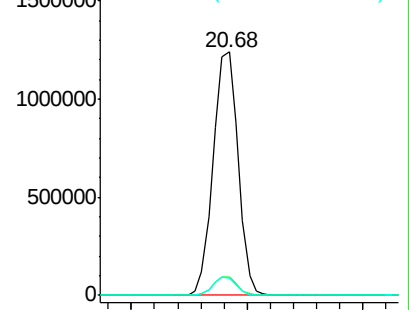
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.0	7.0	10.4



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: 26.23 min Scan# 3904

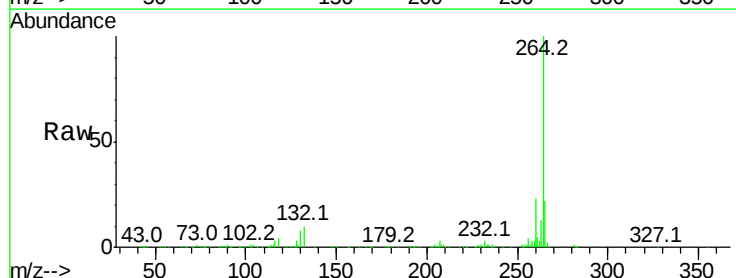
Delta R.T. -0.03 min

Lab File: BG031878.D

Acq: 2 Jan 2018 19:17

Tgt Ion:264 Resp: 484366

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.4	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

