

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031899.D
 Acq On : 3 Jan 2018 20:22
 Operator : SJ/JU
 Sample : PB105460TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:47:23 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

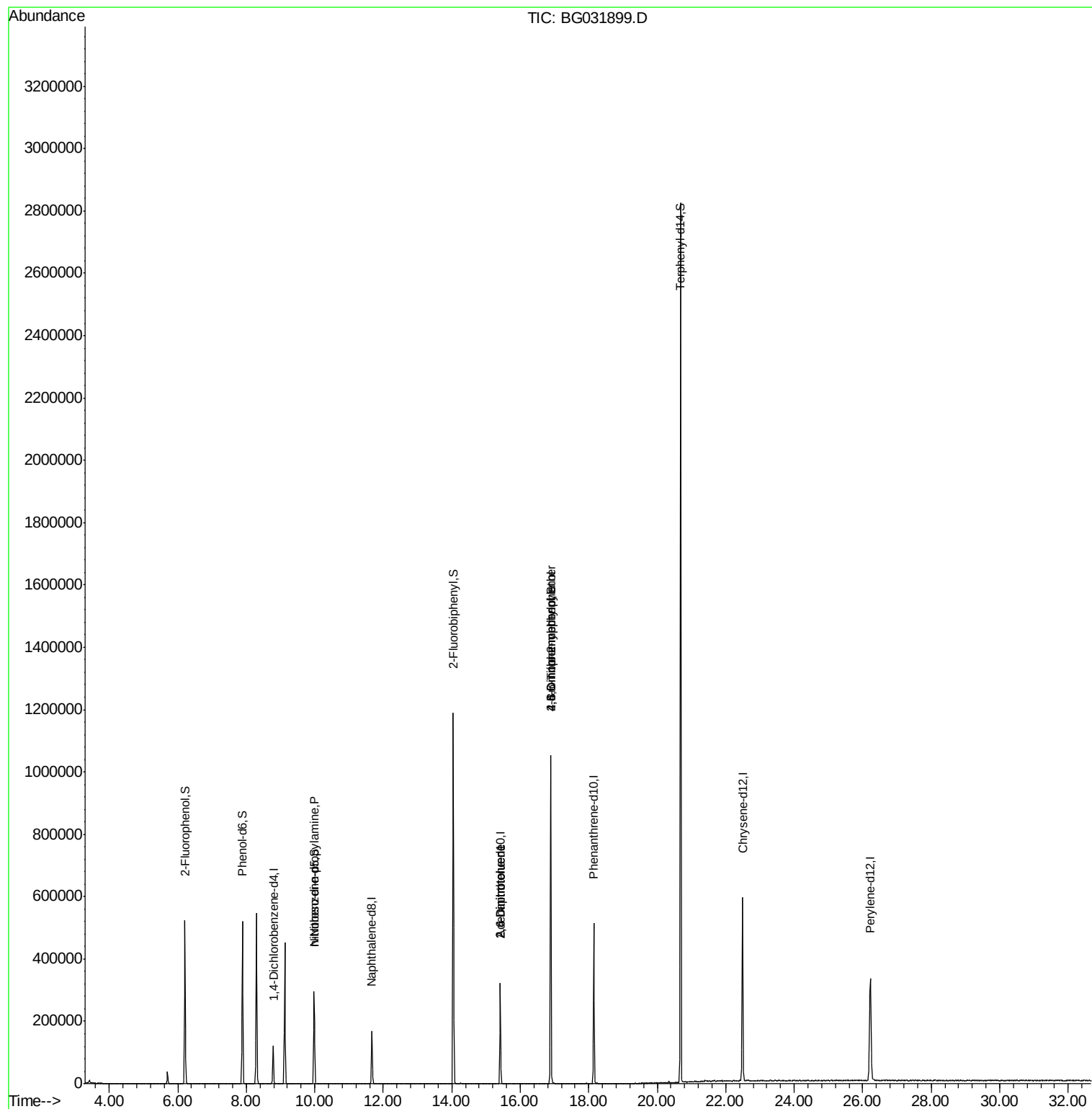
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	42477	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	176416	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	123977	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	355333	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	432949	20.00	ng	-0.02
86) Perylene-d12	26.22	264	456254	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	285747	122.53	ng	0.00
7) Phenol-d6	7.89	99	366645	121.09	ng	0.00
23) Nitrobenzene-d5	9.98	82	193289	82.73	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	256727	135.71	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	720032	72.90	ng	0.00
78) Terphenyl-d14	20.68	244	1539389	81.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	25726	12.441	ng	# 68
50) 2,6-Dinitrotoluene	15.41	165	16599	8.261	ng	# 21
56) 2,4-Dinitrotoluene	15.41	165	16599	6.425	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	566	8.577	ng	# 55
66) 4-Bromophenyl-phenylether	16.89	248	21141	4.114	ng	# 1

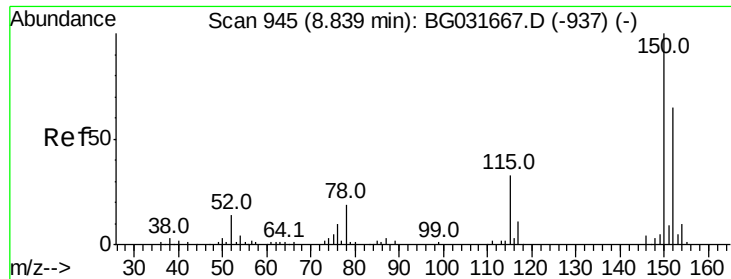
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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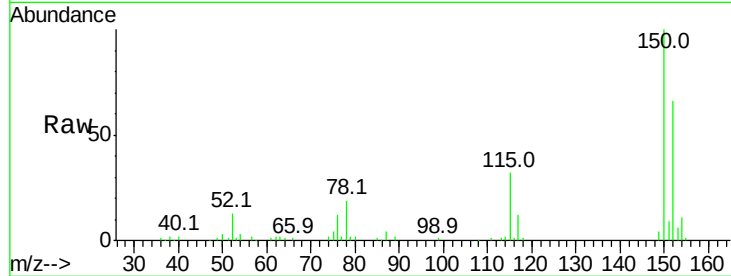


#1

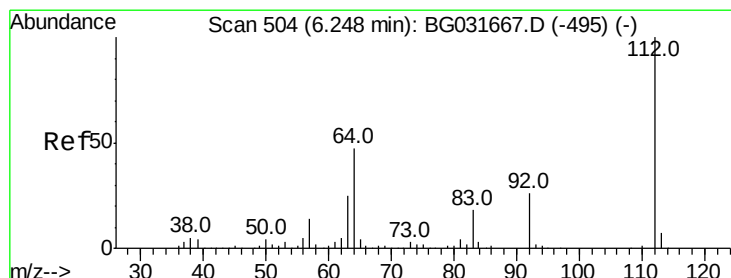
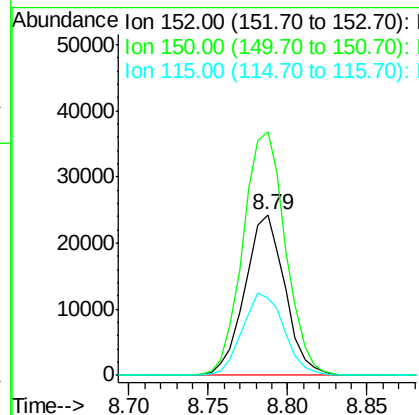
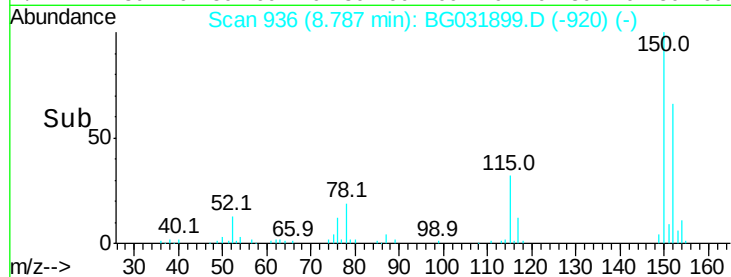
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42477
Ion Ratio Lower Upper
152 100
150 151.6 126.6 189.8
115 48.2 53.0 79.4#



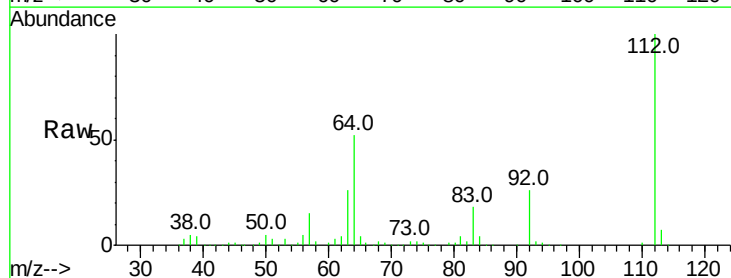
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



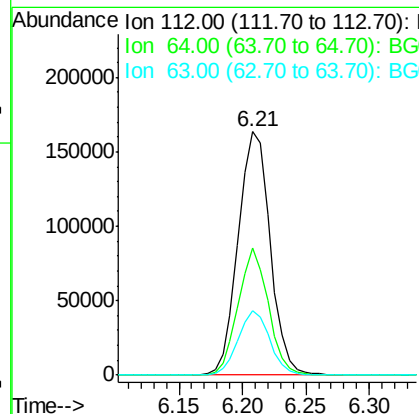
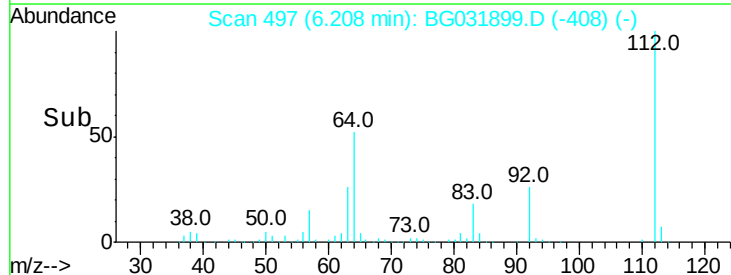
#5

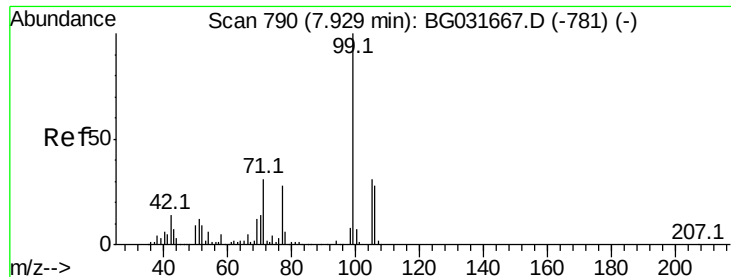
2-Fluorophenol
Concen: 122.526 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:112 Resp: 285747
Ion Ratio Lower Upper
112 100
64 52.2 56.3 84.5#
63 26.4 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: 121.090 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

Instrument :

BNA_G

ClientSampled :

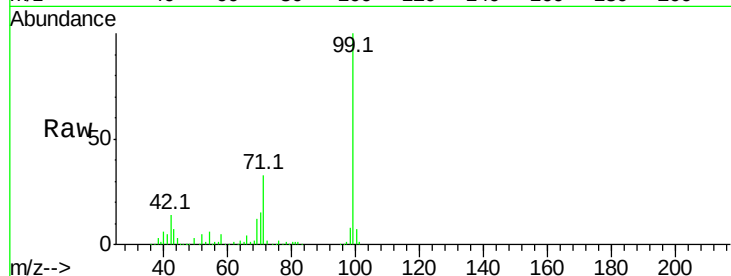
Tot Ion: 99 Resp: 366645

Ion Ratio Lower Upper

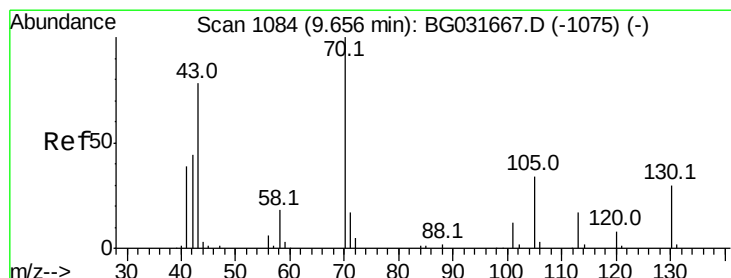
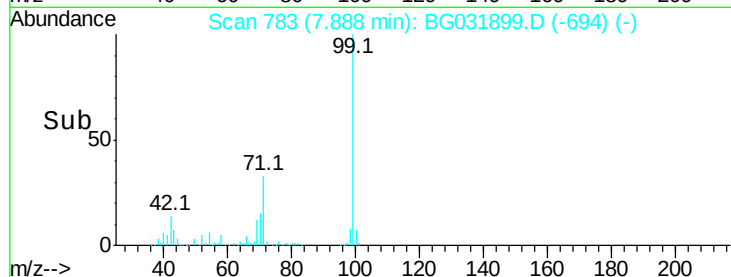
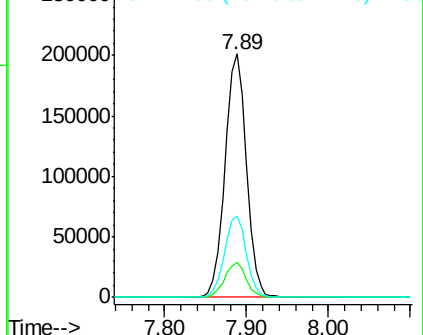
99 100

42 14.4 14.1 21.1

71 33.2 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: 12.441 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

Tgt Ion: 70 Resp: 25726

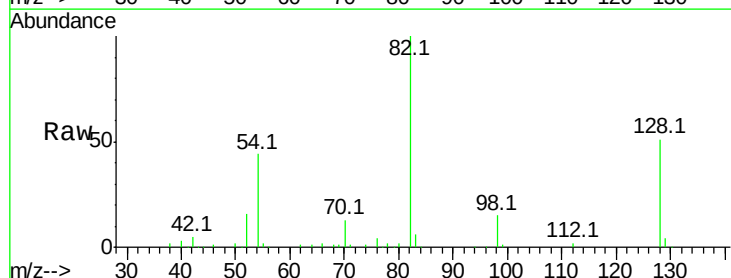
Ion Ratio Lower Upper

70 100

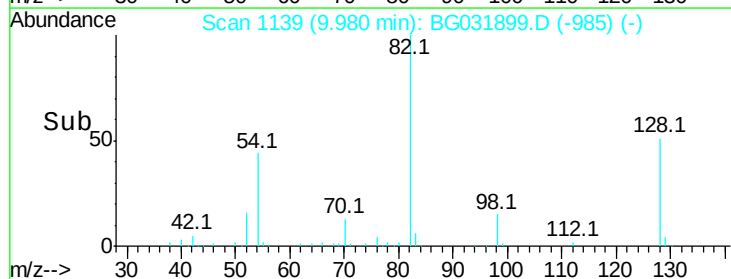
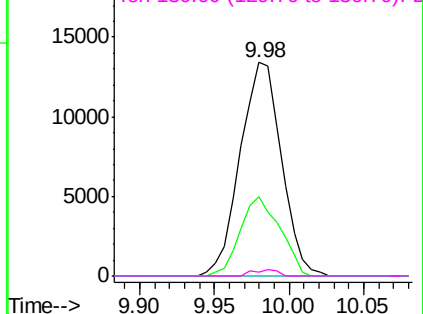
42 37.3 49.1 73.7#

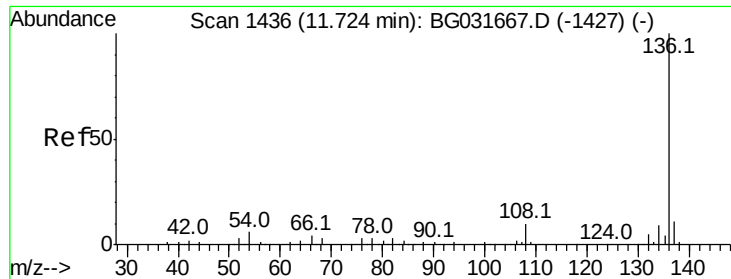
101 0.0 8.5 12.7#

130 1.6 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

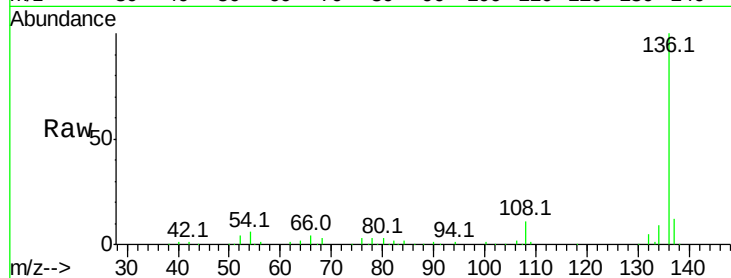




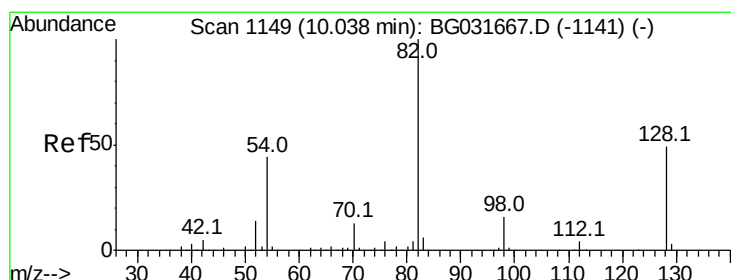
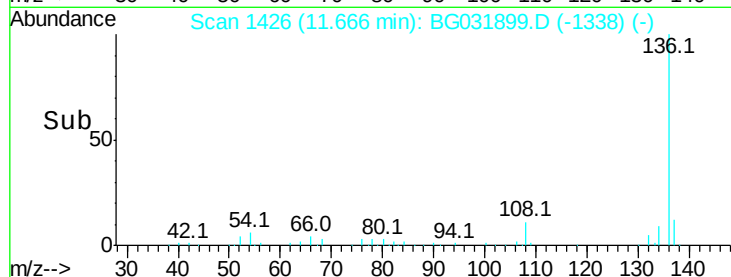
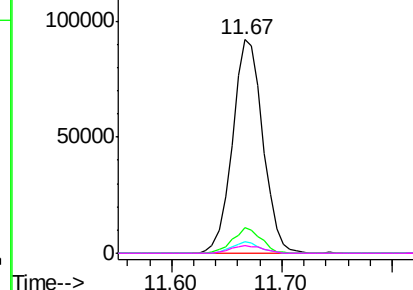
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:136 Resp: 176416
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 5.7 10.3 15.5#
68 3.4 4.5 6.7#

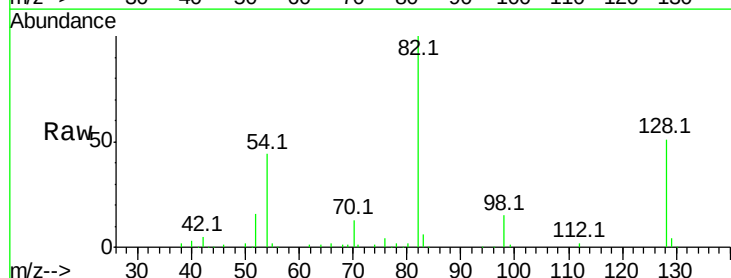


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

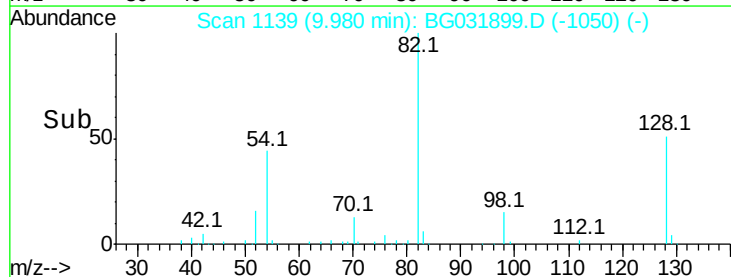
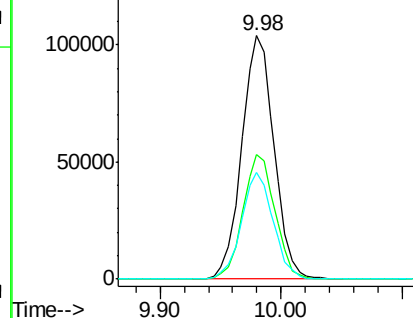


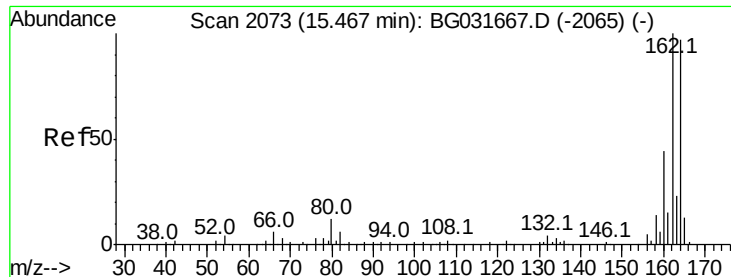
#23
Nitrobenzene-d5
Concen: 82.734 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion: 82 Resp: 193289
Ion Ratio Lower Upper
82 100
128 50.9 29.7 44.5#
54 43.7 43.1 64.7



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

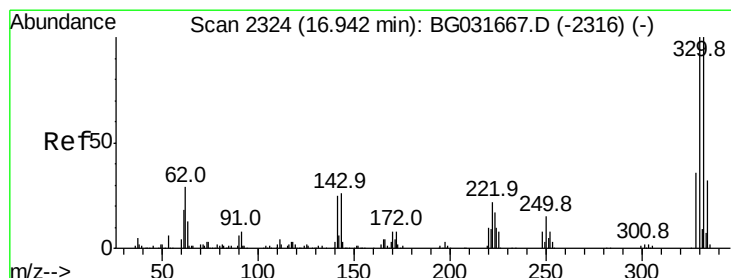
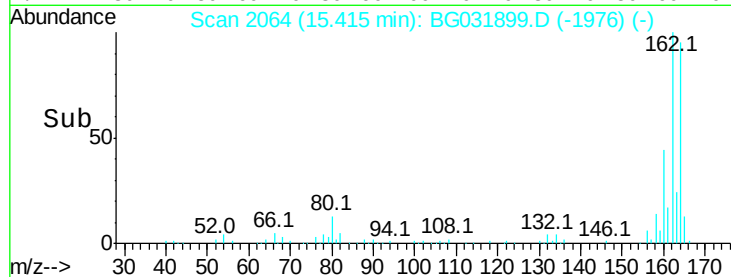
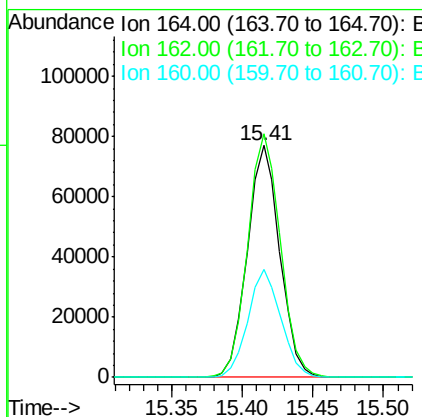
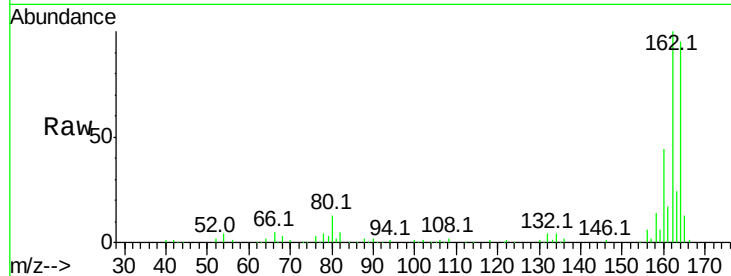




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

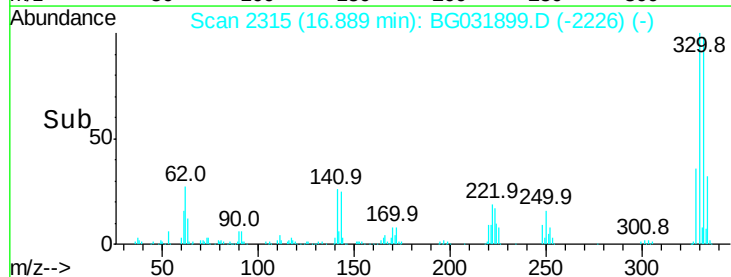
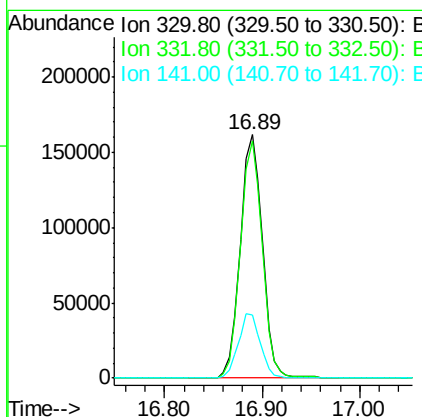
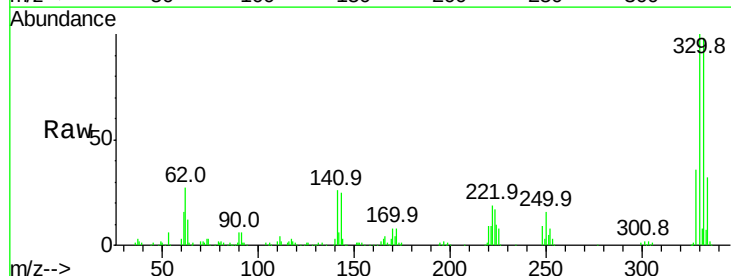
Instrument :
BNA_G
ClientSampleId :

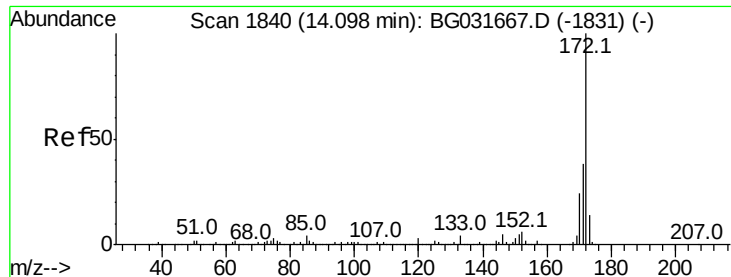
Tot Ion:164 Resp: 123977
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 46.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 135.711 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:330 Resp: 256727
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 26.1 25.2 37.8

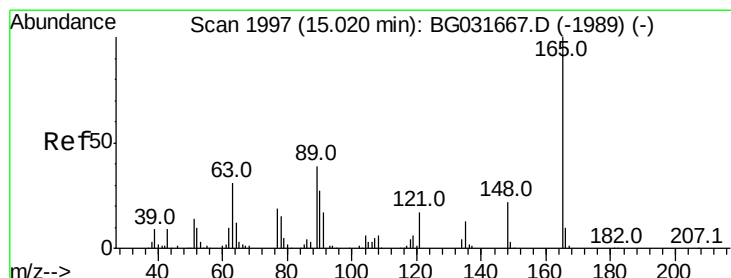
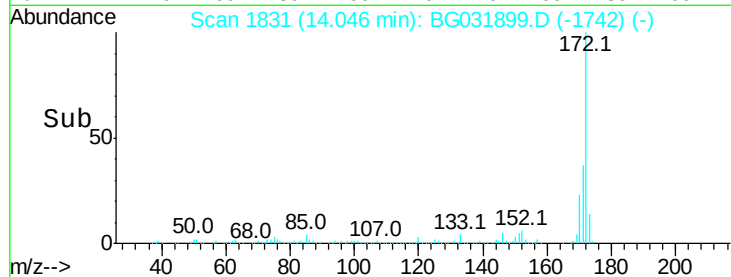
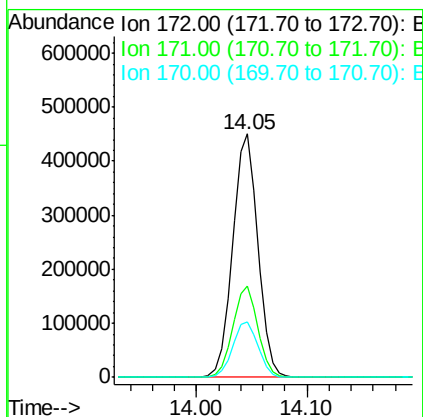
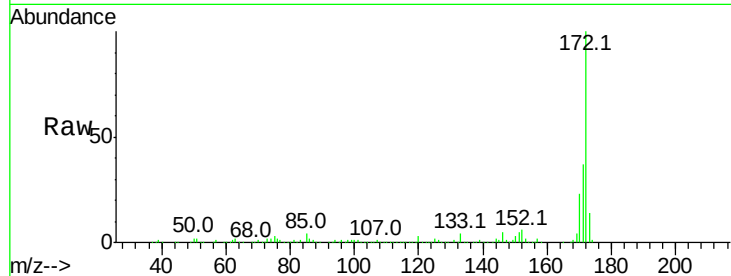




#44
2-Fluorobiphenyl
Concen: 72.895 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

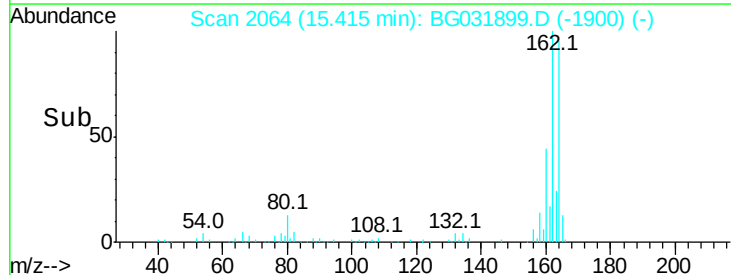
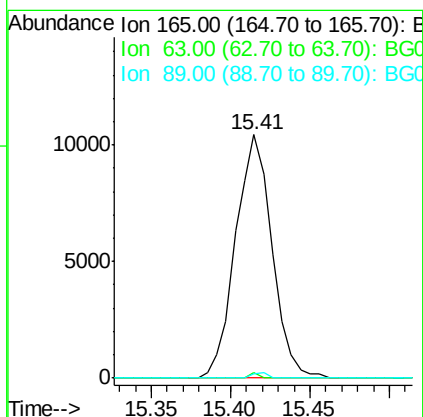
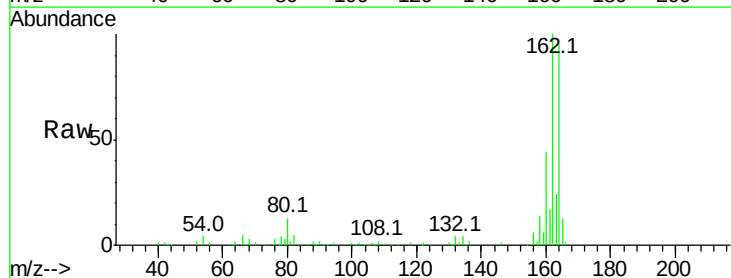
Instrument :
BNA_G
ClientSampleId :

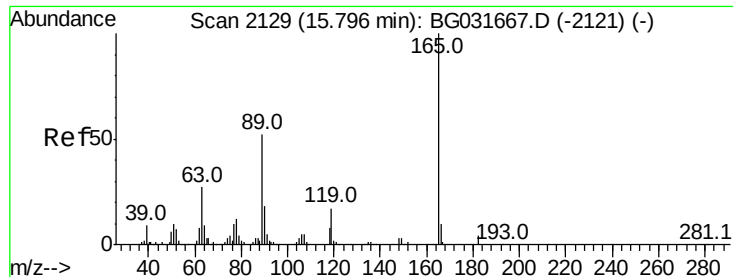
Tot Ion:172 Resp: 720032
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.0 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.261 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.44 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:165 Resp: 16599
Ion Ratio Lower Upper
165 100
63 2.0 52.7 79.1#
89 1.5 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.425 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.34 min

Lab File: BG031899.D

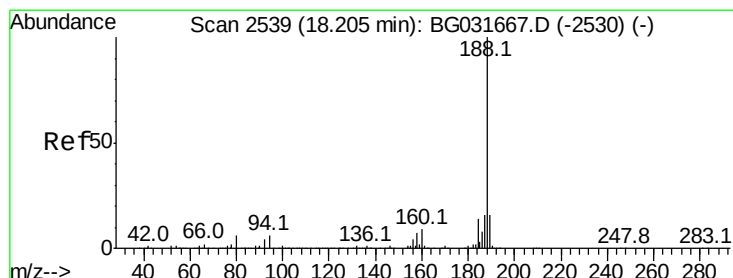
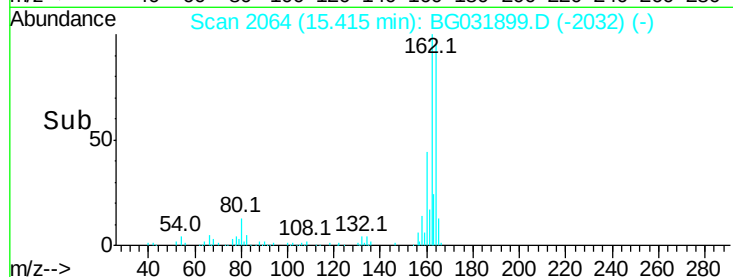
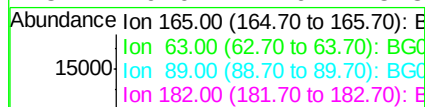
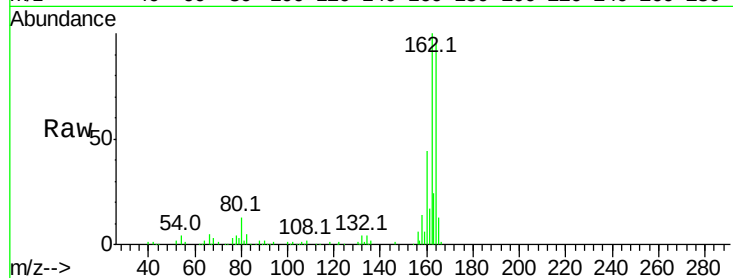
Acq: 3 Jan 2018 20:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	16599
Ion Ratio	Lower	Upper
165	100	
63	2.0	42.0 63.0#
89	1.5	66.9 100.3#
182	0.0	2.6 3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

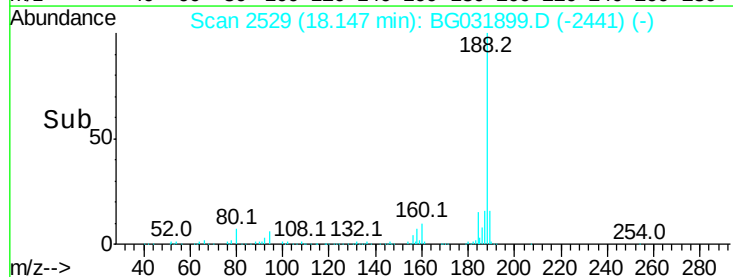
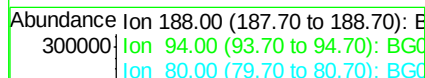
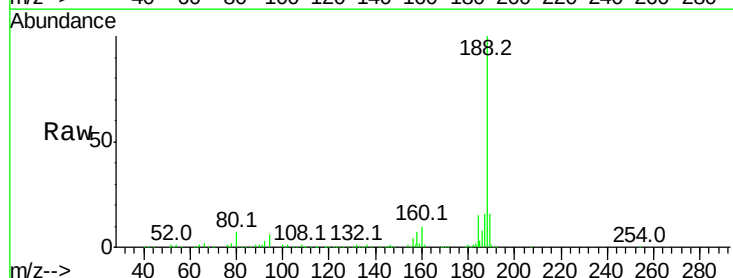
RT: 18.15 min Scan# 2529

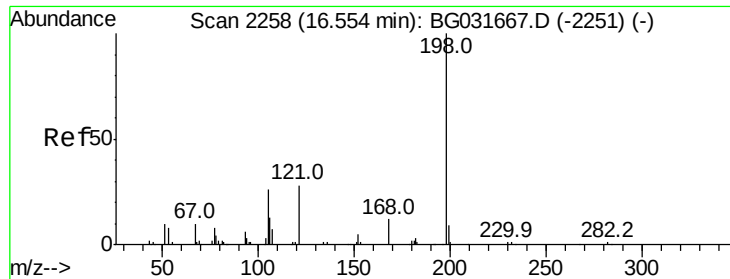
Delta R.T. -0.01 min

Lab File: BG031899.D

Acq: 3 Jan 2018 20:22

Tgt Ion:188	Resp:	355333
Ion Ratio	Lower	Upper
188	100	
94	5.6	6.9 10.3#
80	6.5	7.7 11.5#

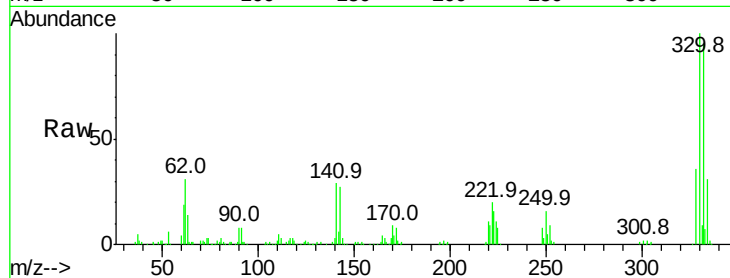




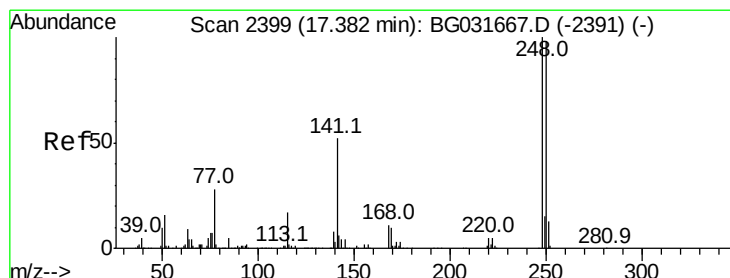
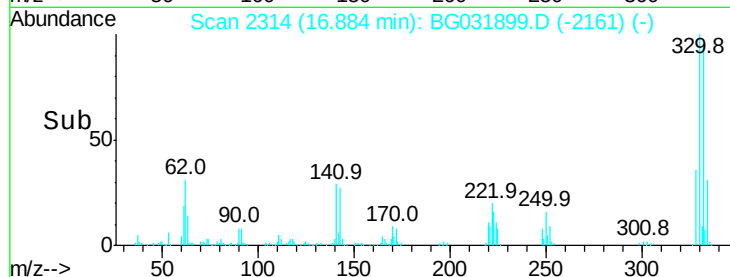
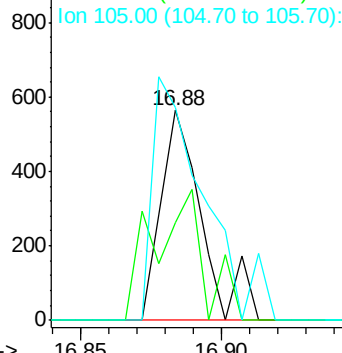
#64
4,6-Dinitro-2-methylphenol
Concen: 8.577 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 566
Ion Ratio Lower Upper
198 100
51 46.5 30.6 70.6
105 101.2 23.8 63.8#

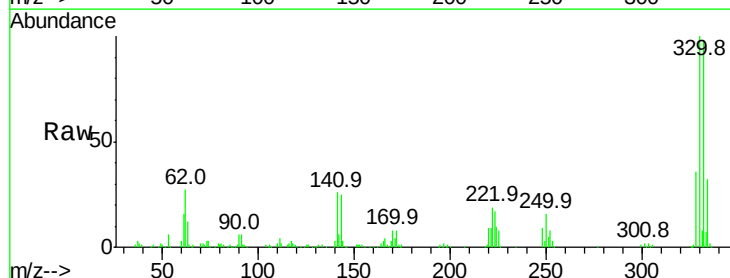


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

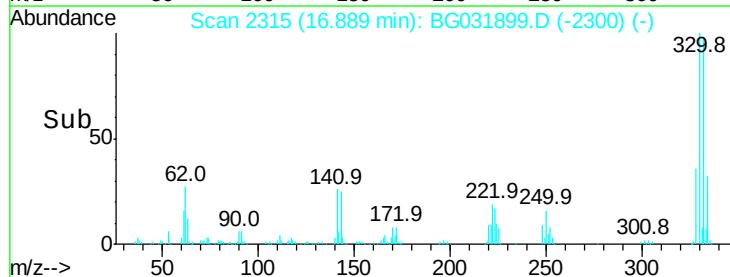
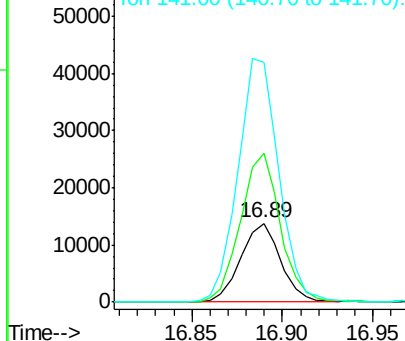


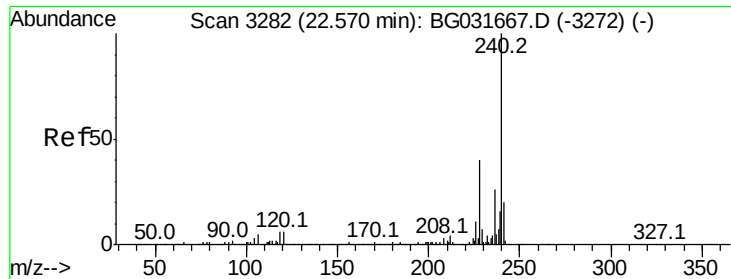
#66
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:248 Resp: 21141
Ion Ratio Lower Upper
248 100
250 189.6 77.1 115.7#
141 304.8 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

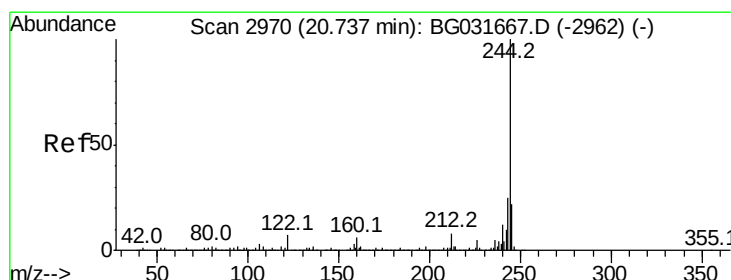
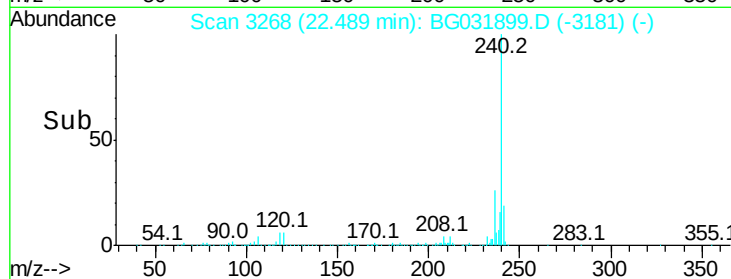
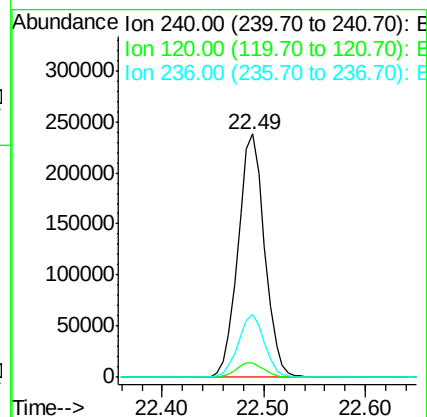
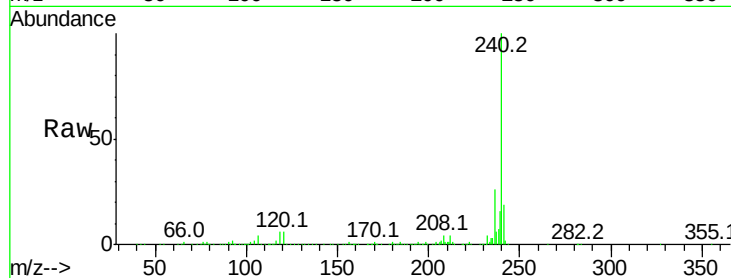




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

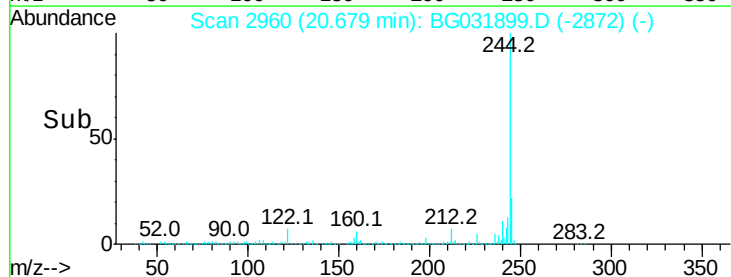
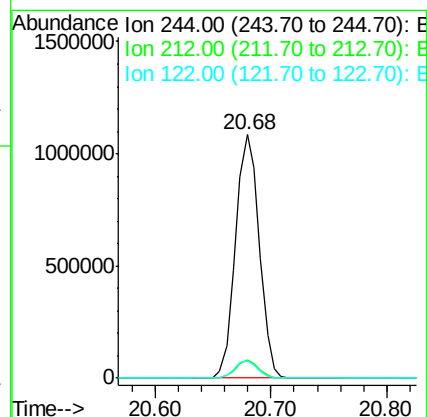
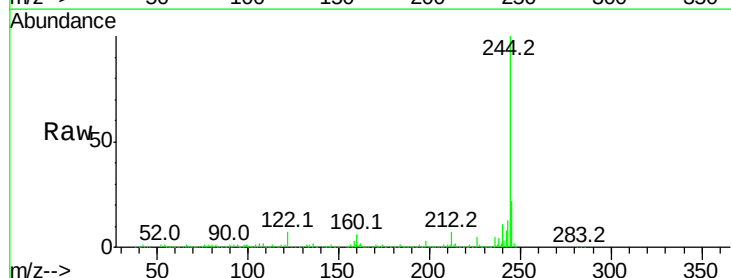
Instrument :
BNA_G
ClientSampleId :

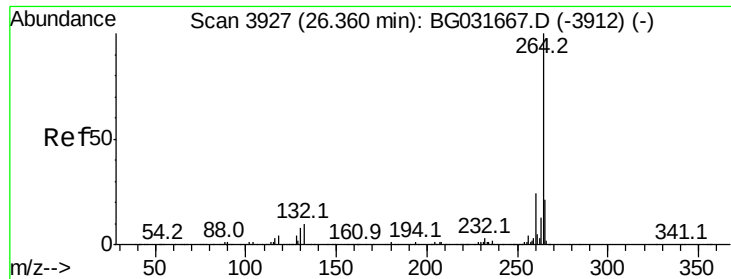
Tot Ion:240 Resp: 432949
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 25.9 20.9 31.3



#78
Terphenyl-d14
Concen: 81.233 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Tgt Ion:244 Resp: 1539389
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 6.9 7.0 10.4#

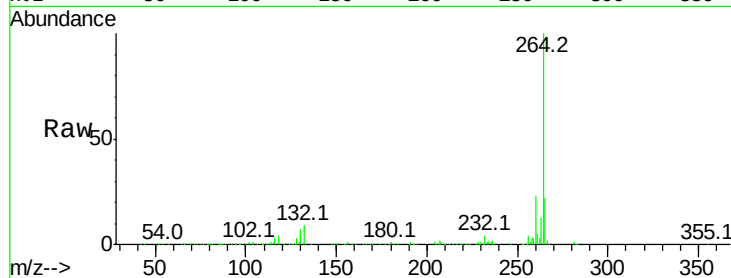




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.03 min
Lab File: BG031899.D
Acq: 3 Jan 2018 20:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.2	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

