

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031991.D
 Acq On : 11 Jan 2018 19:31
 Operator : SJ/JU
 Sample : J1067-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:12:58 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

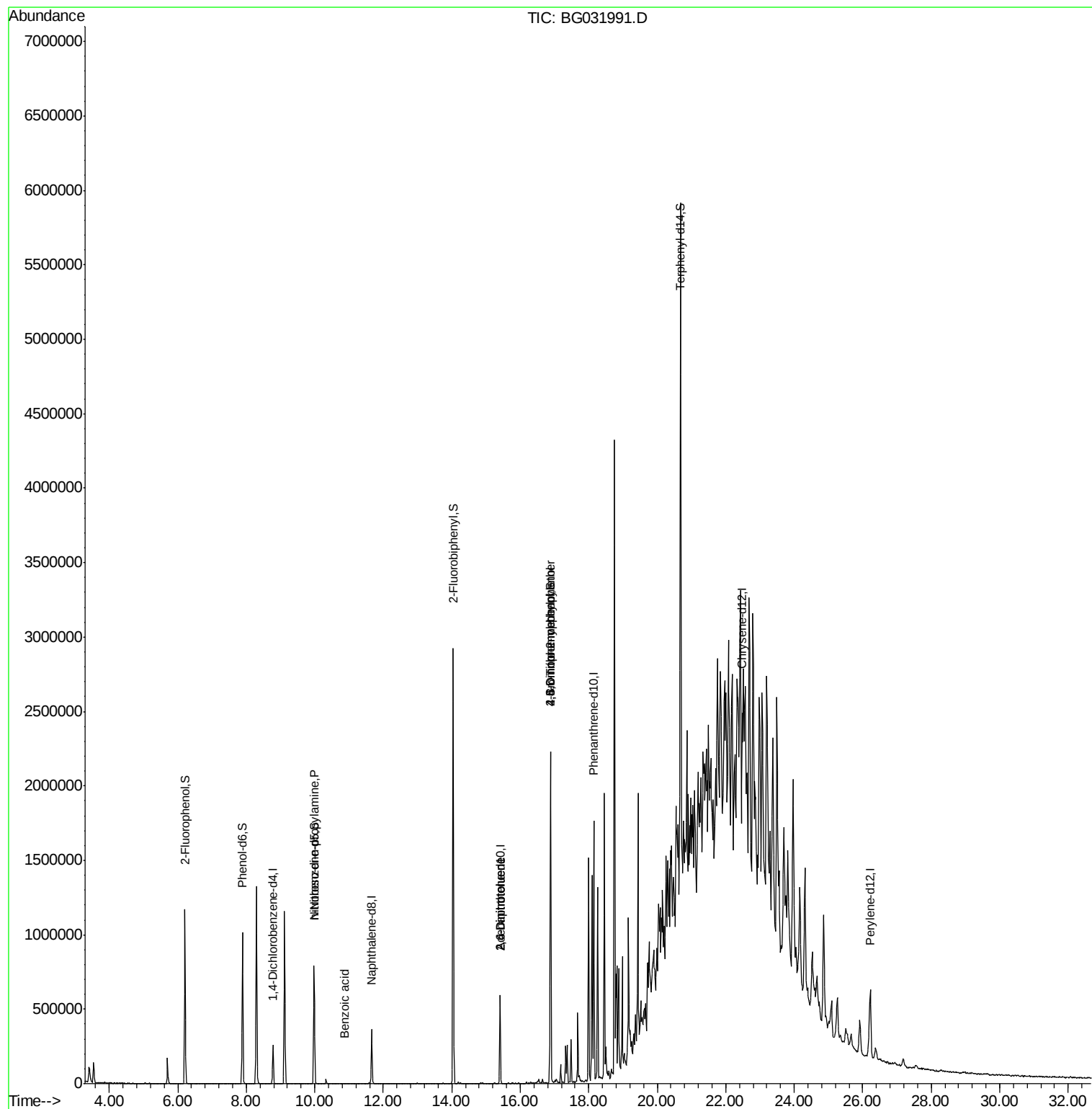
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	89517	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	358239	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	226930	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	487022	20.00	ng	0.00
75) Chrysene-d12	22.48	240	580781	20.00	ng	0.00
86) Perylene-d12	26.22	264	642509	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	632221	128.64	ng	0.00
7) Phenol-d6	7.89	99	714770	112.02	ng	0.00
23) Nitrobenzene-d5	9.98	82	530267	111.77	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	528490	152.63	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1752191	96.91	ng	0.00
78) Terphenyl-d14	20.68	244	2392349	94.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	69966	16.055	ng	# 76
32) Benzoic acid	10.88	122	68	6.711	ng	# 1
50) 2,6-Dinitrotoluene	15.41	165	29608	8.051	ng	# 20
56) 2,4-Dinitrotoluene	15.41	165	29608	6.261	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.88	198	1341	8.774	ng	# 9
66) 4-Bromophenyl-phenylether	16.88	248	43998	6.247	ng	# 1

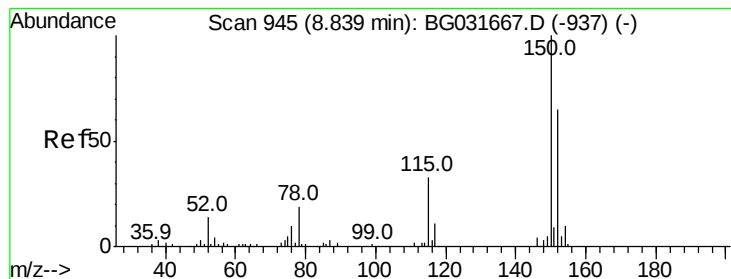
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.78 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :
BNA_G
ClientSampleId :

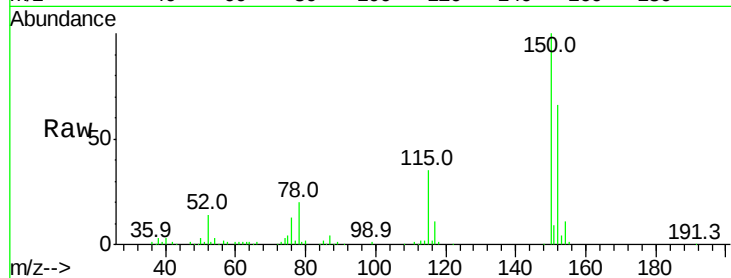
Tot Ion:152 Resp: 89517

Ion Ratio Lower Upper

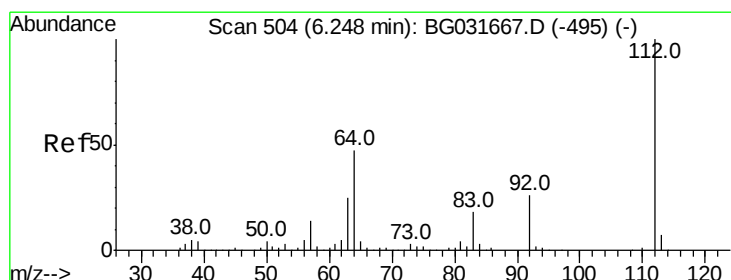
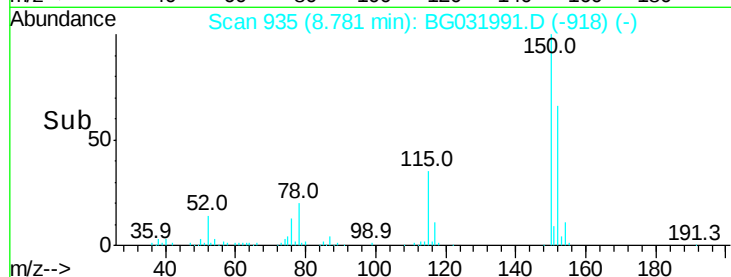
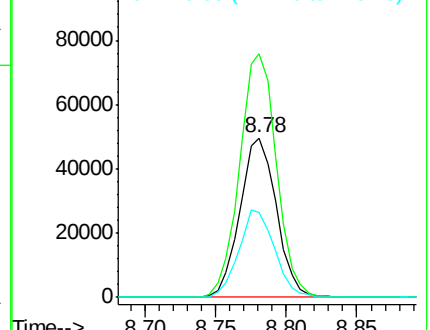
152 100

150 152.5 126.6 189.8

115 53.1 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



#5

2-Fluorophenol

Concen: 128.637 ng

RT: 6.21 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

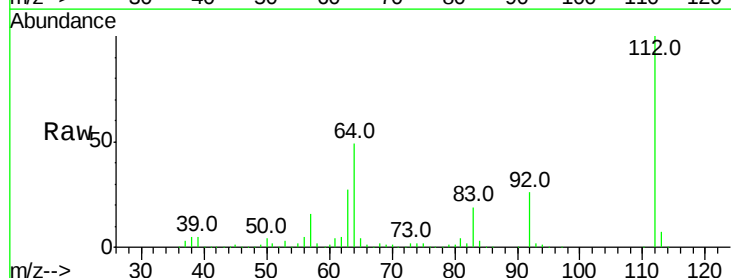
Tgt Ion:112 Resp: 632221

Ion Ratio Lower Upper

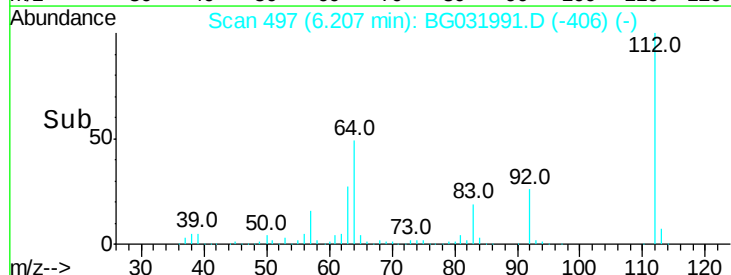
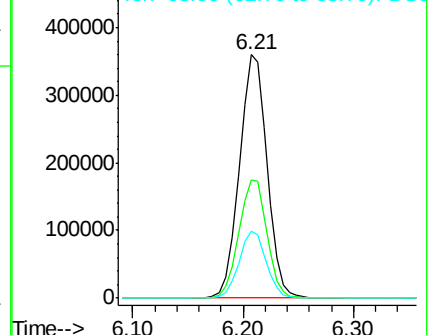
112 100

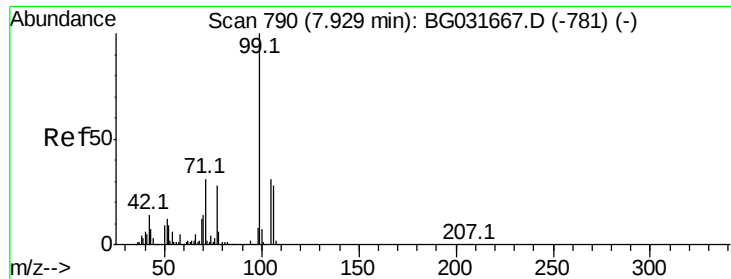
64 48.6 56.3 84.5#

63 27.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 112.015 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :

BNA_G

ClientSampleId :

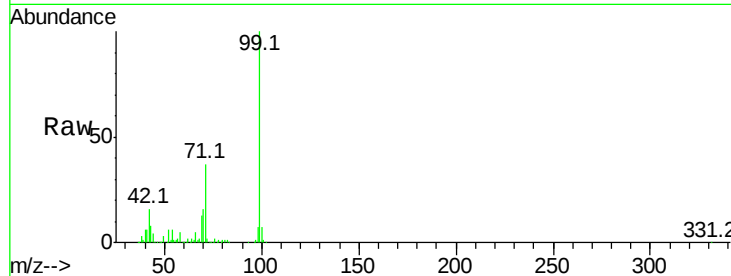
Tot Ion: 99 Resp: 714770

Ion Ratio Lower Upper

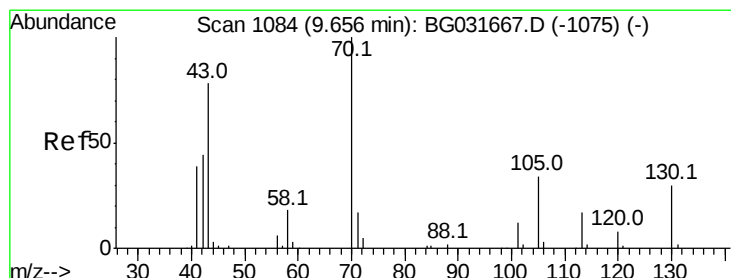
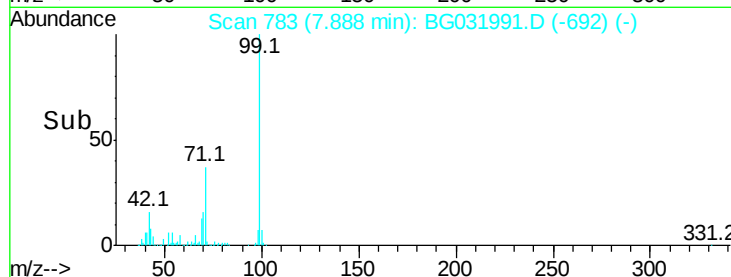
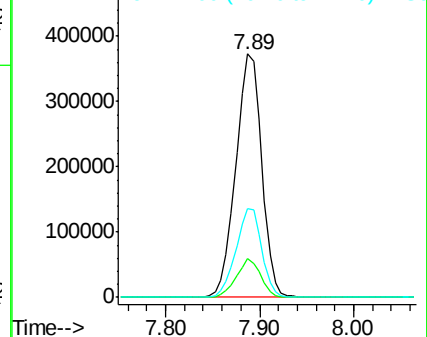
99 100

42 15.7 14.1 21.1

71 36.6 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: 16.055 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.39 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Tgt Ion: 70 Resp: 69966

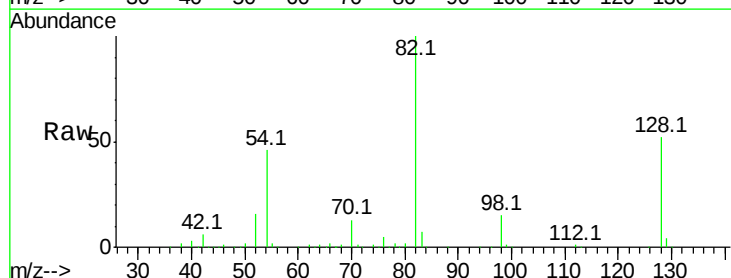
Ion Ratio Lower Upper

70 100

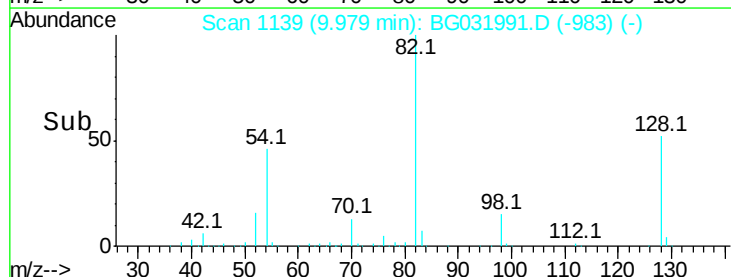
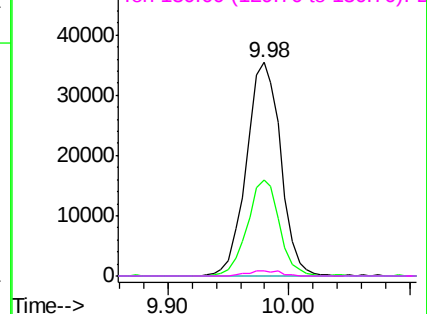
42 45.1 49.1 73.7#

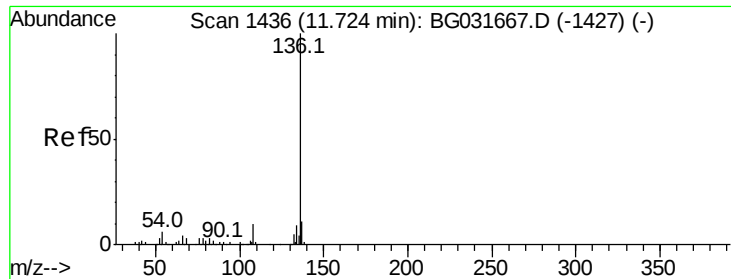
101 0.0 8.5 12.7#

130 2.4 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

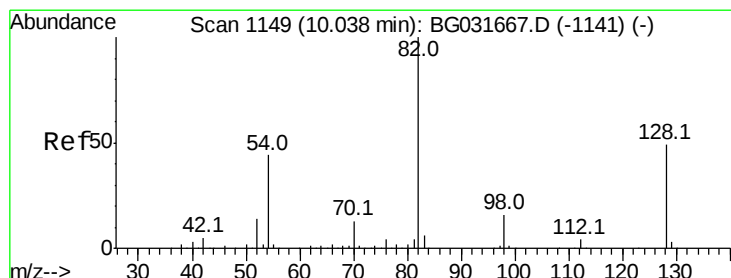
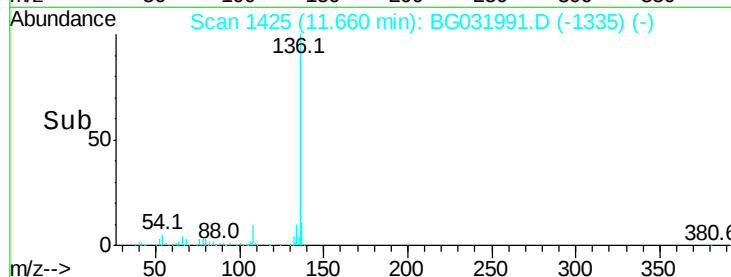
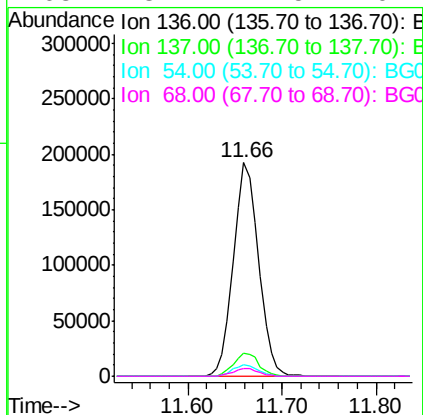
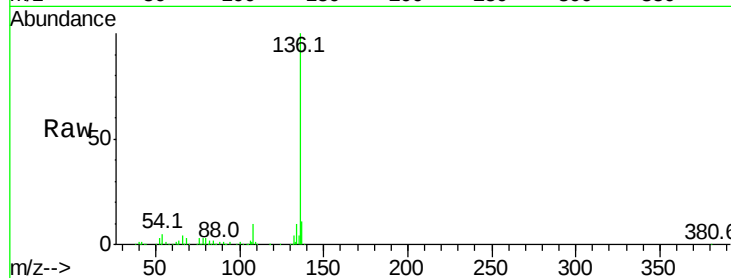




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

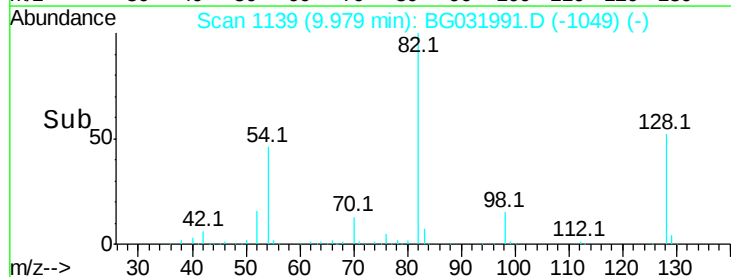
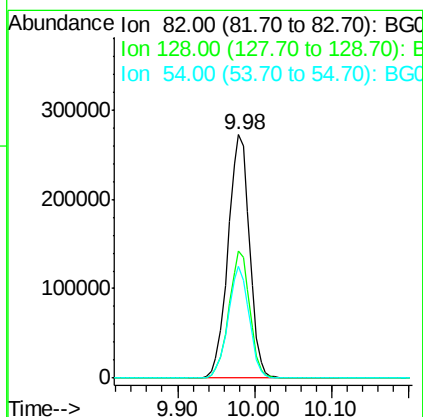
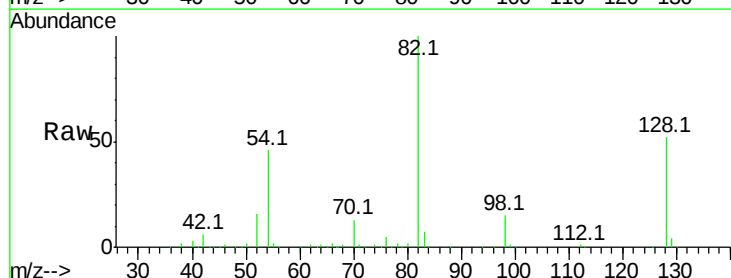
Instrument :
BNA_G
ClientSampleId :

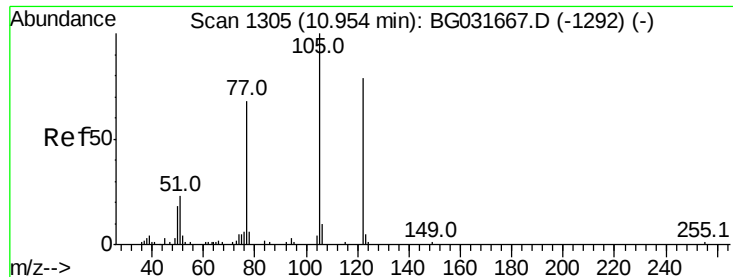
Tot Ion:	136	Resp:	358239
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.1	10.3	15.5#
68	3.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 111.773 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion:	82	Resp:	530267
Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	45.9	43.1	64.7

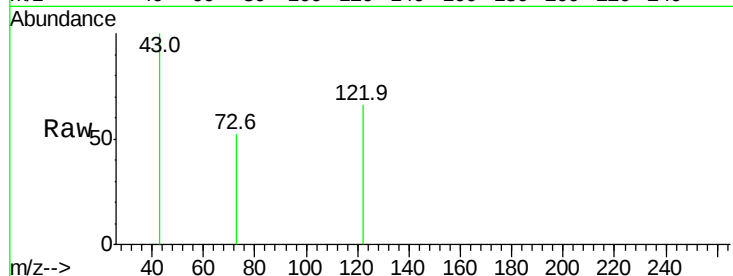




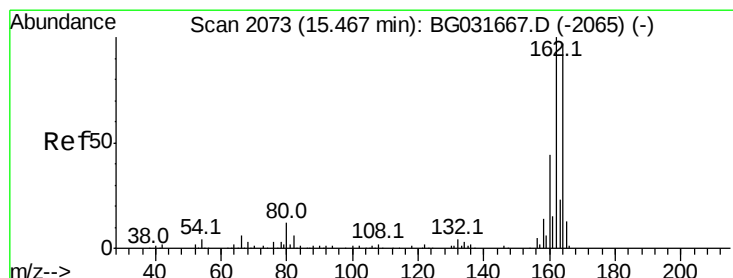
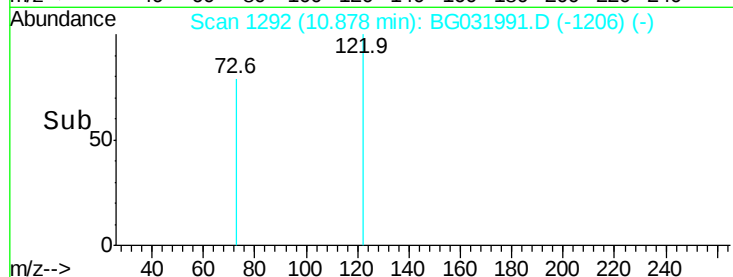
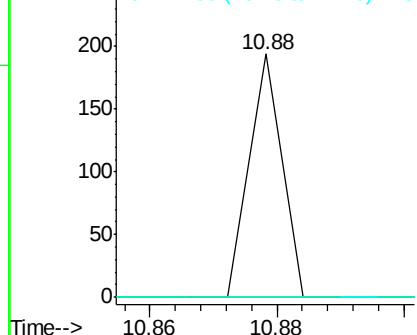
#32
Benzoic acid
Concen: 6.711 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.03 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

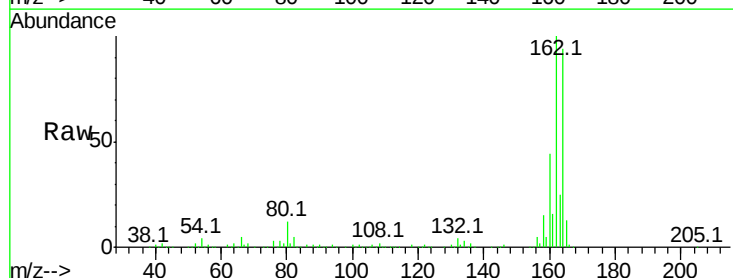


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

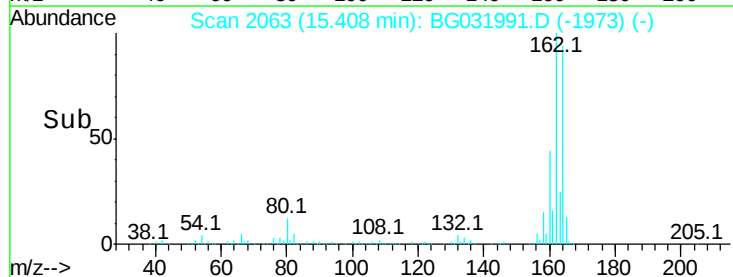
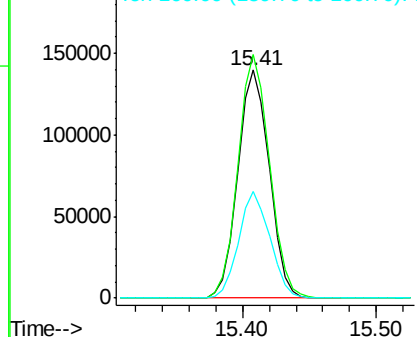


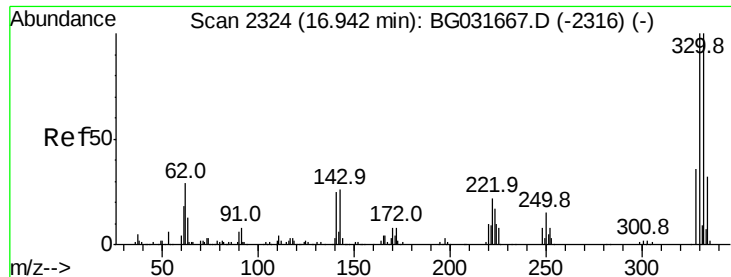
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion:164 Resp: 226930
Ion Ratio Lower Upper
164 100
162 106.7 78.8 118.2
160 47.0 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: 152.626 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :

BNA_G

ClientSampleId :

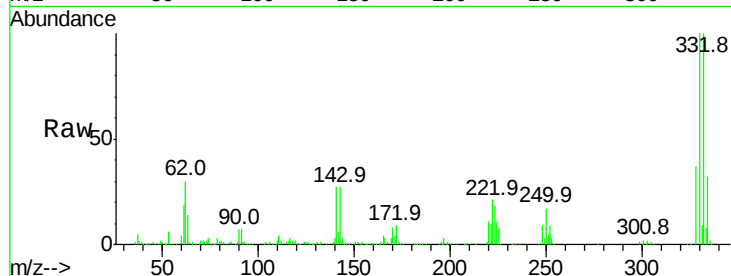
Tot Ion:330 Resp: 528490

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

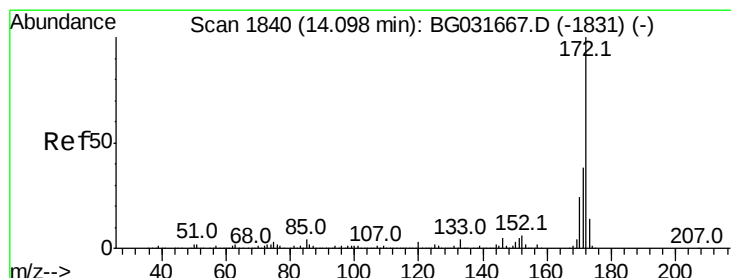
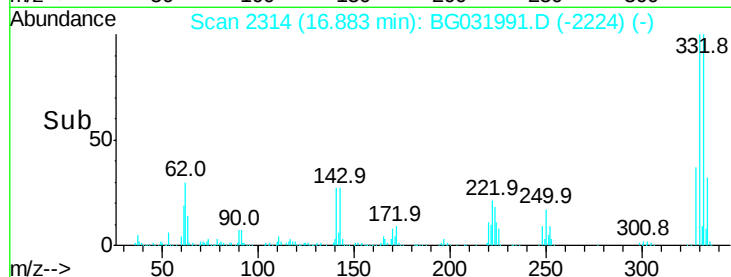
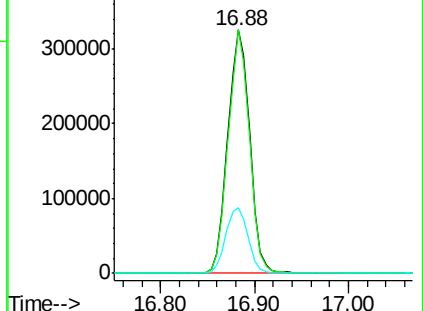
141 27.3 25.2 37.8



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: 96.912 ng

RT: 14.04 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

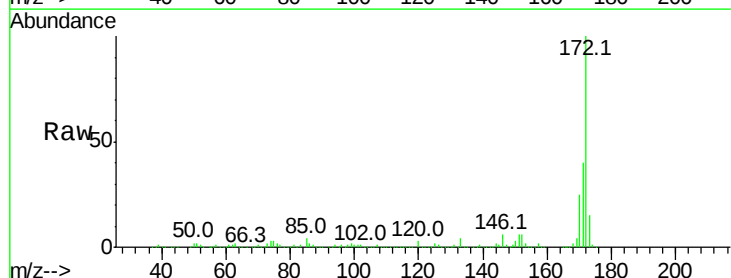
Tgt Ion:172 Resp: 1752191

Ion Ratio Lower Upper

172 100

171 39.8 30.0 45.0

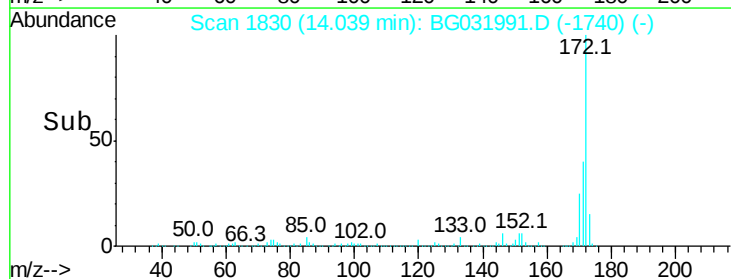
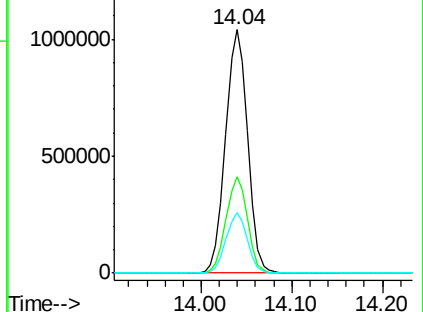
170 25.0 19.5 29.3

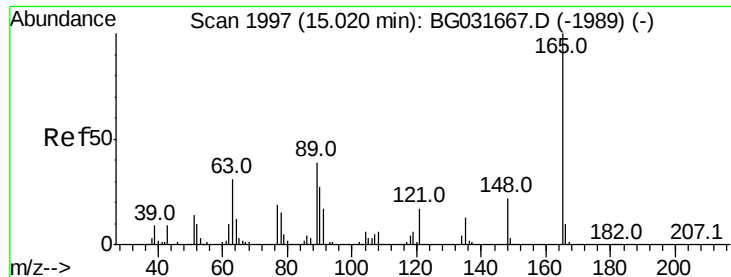


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

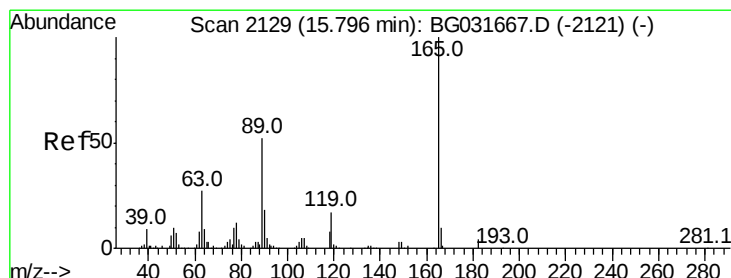
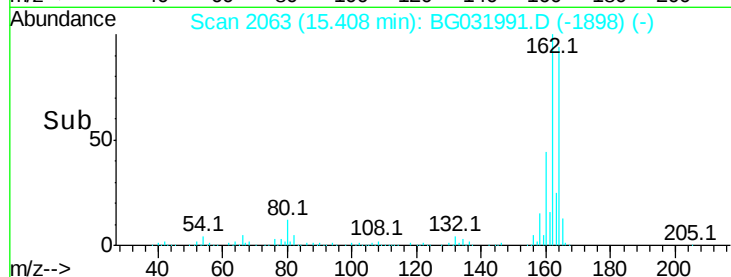
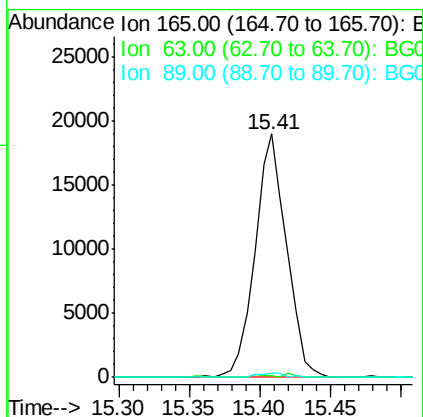
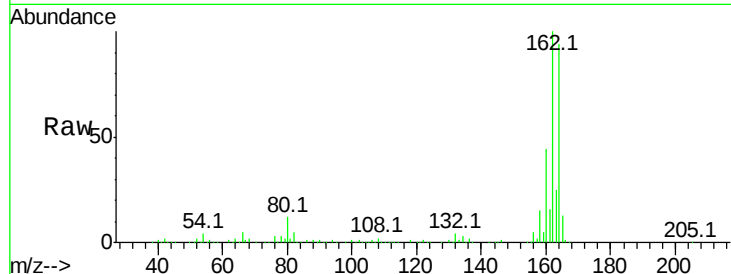




#50
2,6-Dinitrotoluene
Concen: 8.051 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.44 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

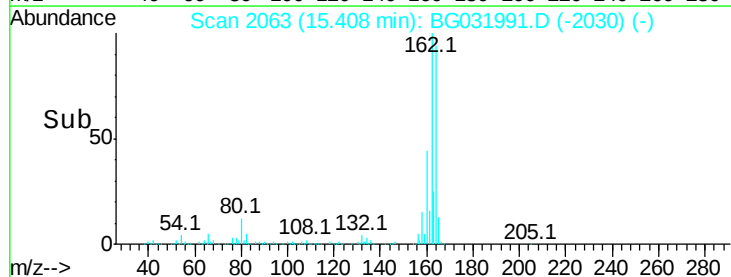
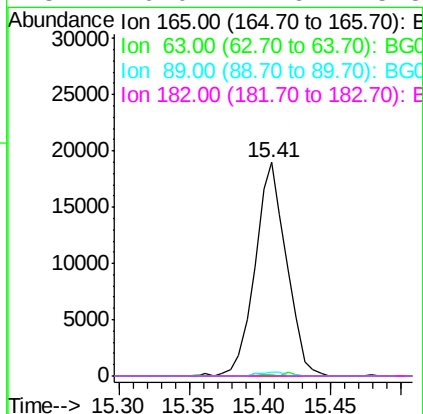
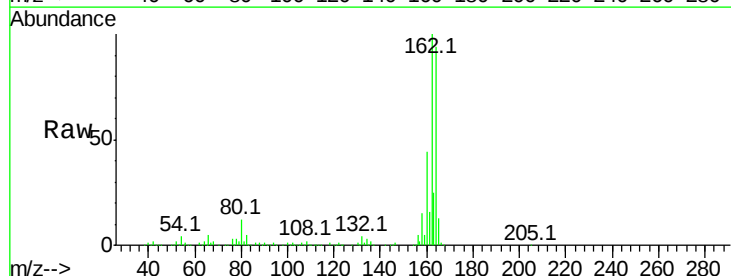
Instrument :
BNA_G
ClientSampleId :

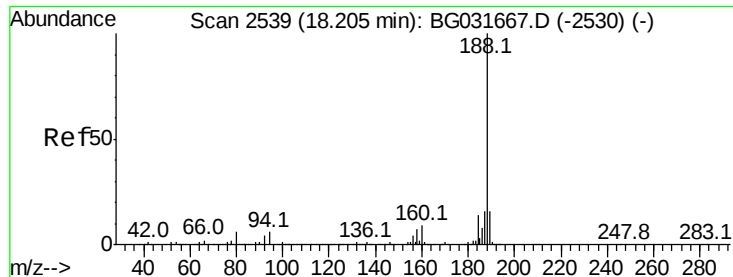
Tot Ion:165 Resp: 29608
Ion Ratio Lower Upper
165 100
63 0.8 52.7 79.1#
89 1.8 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.261 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.34 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion:165 Resp: 29608
Ion Ratio Lower Upper
165 100
63 0.8 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

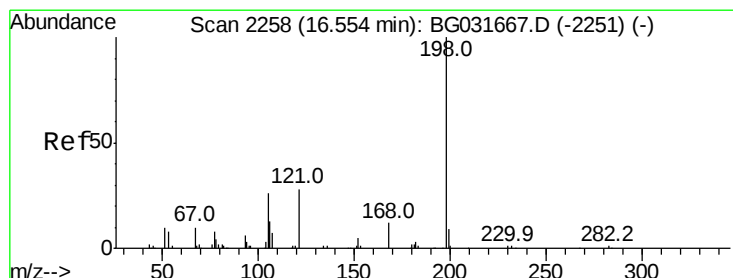
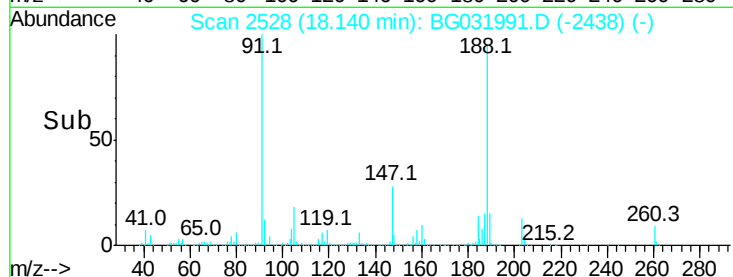
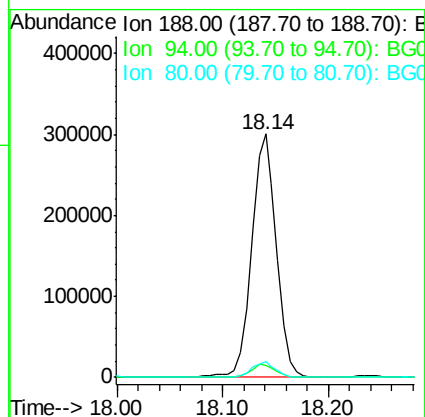
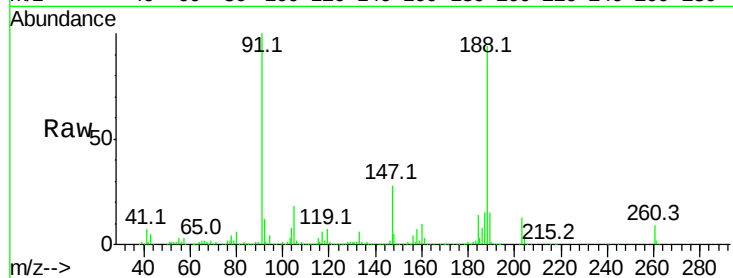




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

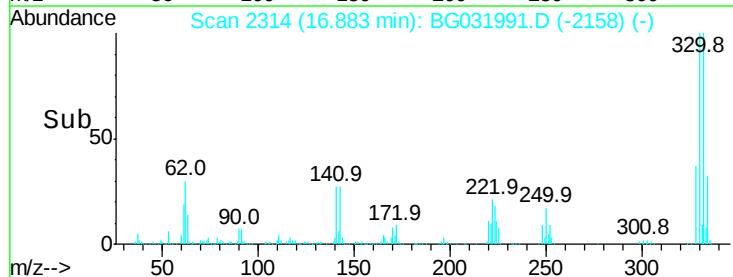
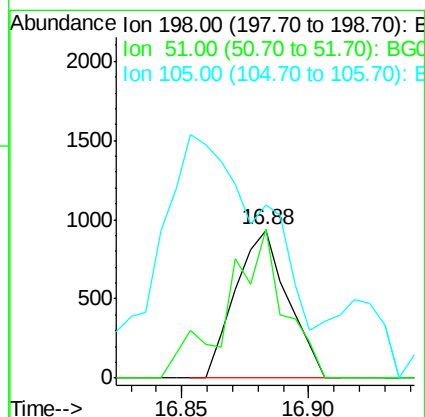
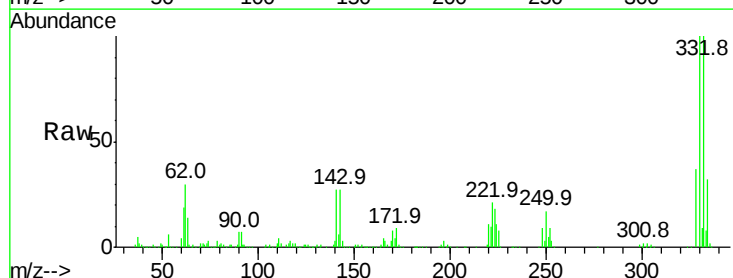
Instrument :
BNA_G
ClientSampleId :

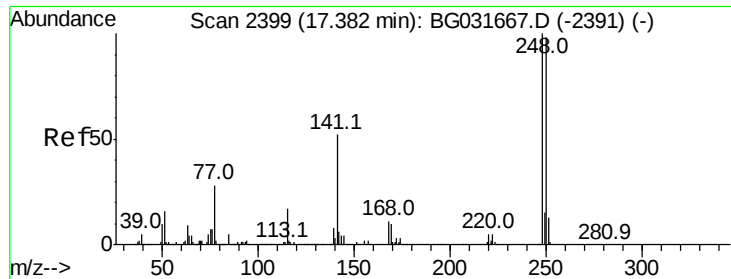
Tot Ion:188 Resp: 487022
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 6.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.774 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.39 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion:198 Resp: 1341
Ion Ratio Lower Upper
198 100
51 100.3 30.6 70.6#
105 116.8 23.8 63.8#

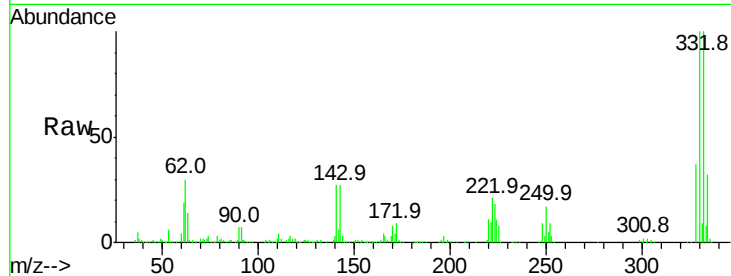




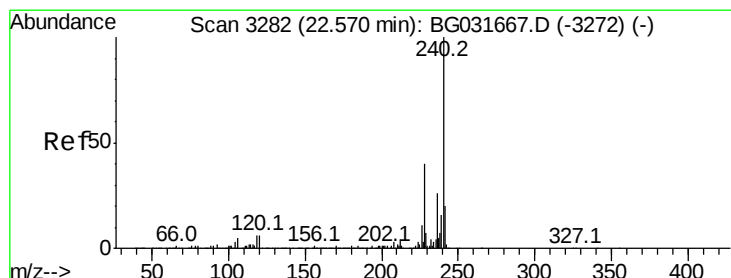
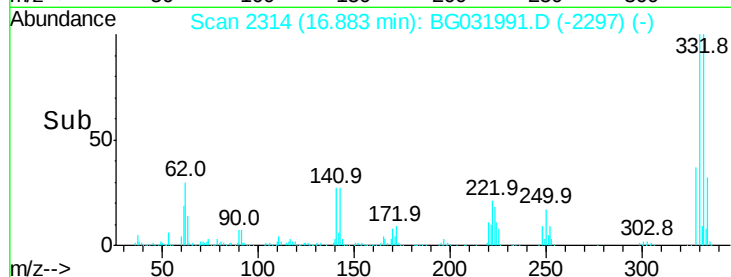
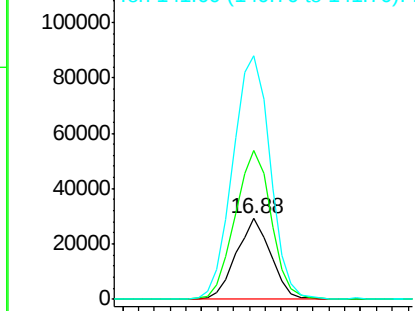
#66
4-Bromophenyl-phenylether
Concen: 6.247 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.43 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 43998
Ion Ratio Lower Upper
248 100
250 184.7 77.1 115.7#
141 302.0 50.8 76.2#

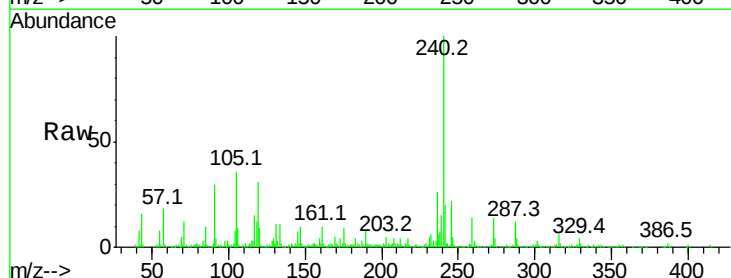


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

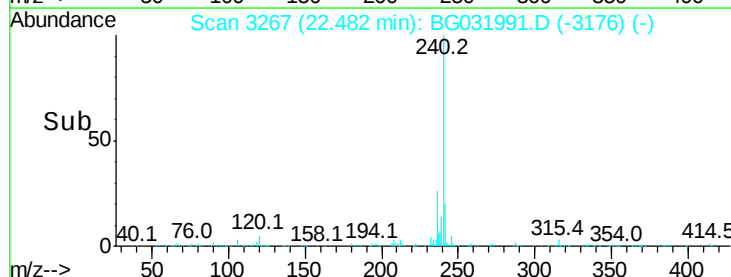
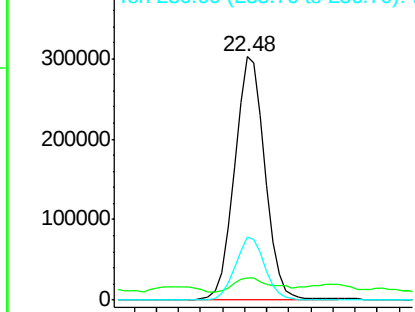


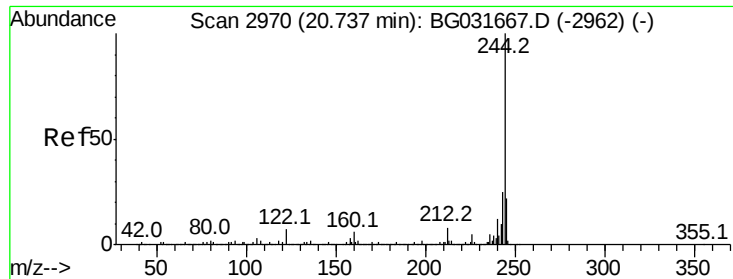
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3267
Delta R.T. 0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion:240 Resp: 580781
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 26.0 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: 94.109 ng

RT: 20.68 min Scan# 2960

Delta R.T. 0.01 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :

BNA_G

ClientSampleId :

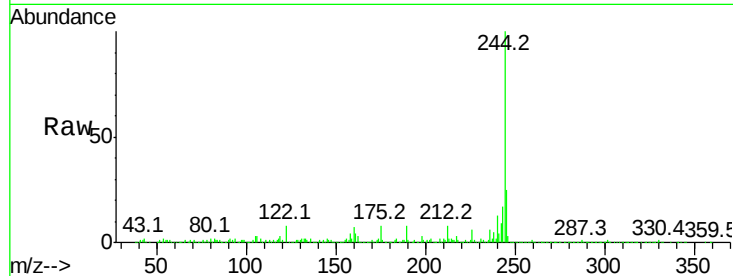
Tot Ion:244 Resp: 2392349

Ion Ratio Lower Upper

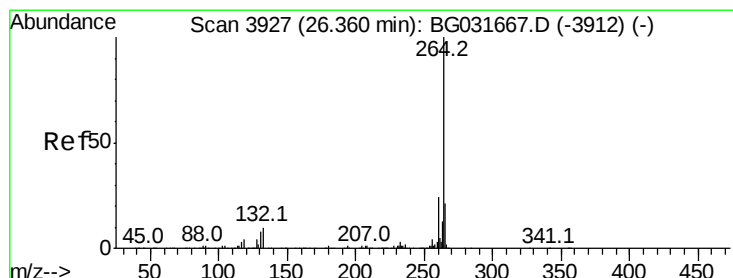
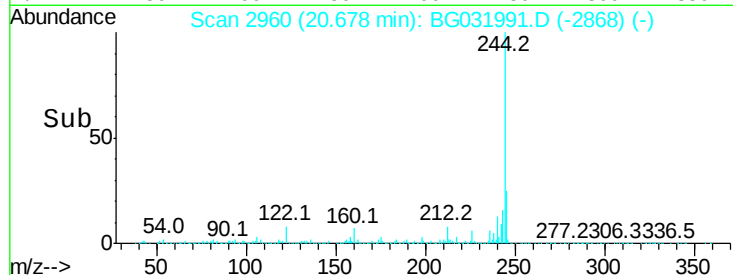
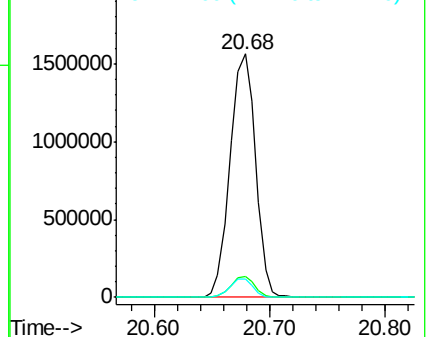
244 100

212 8.4 5.8 8.8

122 7.7 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: 26.22 min Scan# 3903

Delta R.T. 0.02 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

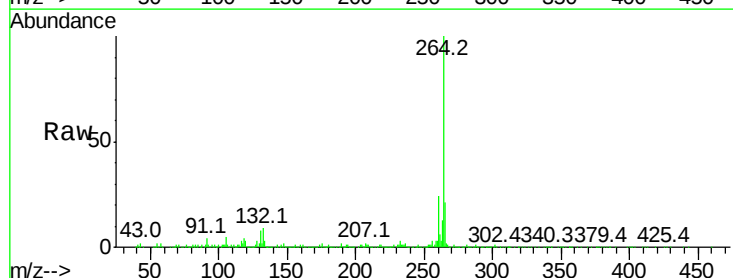
Tgt Ion:264 Resp: 642509

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.5 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

