

Data Path : U:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032162.D
 Acq On : 19 Jan 2018 21:37
 Operator : SJ/JU
 Sample : J1205-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 19 22:23:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43694	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	176357	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	123416	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	348435	20.00	ng	0.00
75) Chrysene-d12	22.44	240	458018	20.00	ng	0.00
86) Perylene-d12	26.15	264	481193	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.17	112	149934	62.76	ng	0.00
7) Phenol-d6	7.84	99	117291	38.98	ng	0.00
23) Nitrobenzene-d5	9.94	82	241888	92.79	ng	0.00
41) 2,4,6-Tribromophenol	16.86	330	286955	140.51	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	867047	87.11	ng	0.00
78) Terphenyl-d14	20.65	244	1827927	88.12	ng	0.00

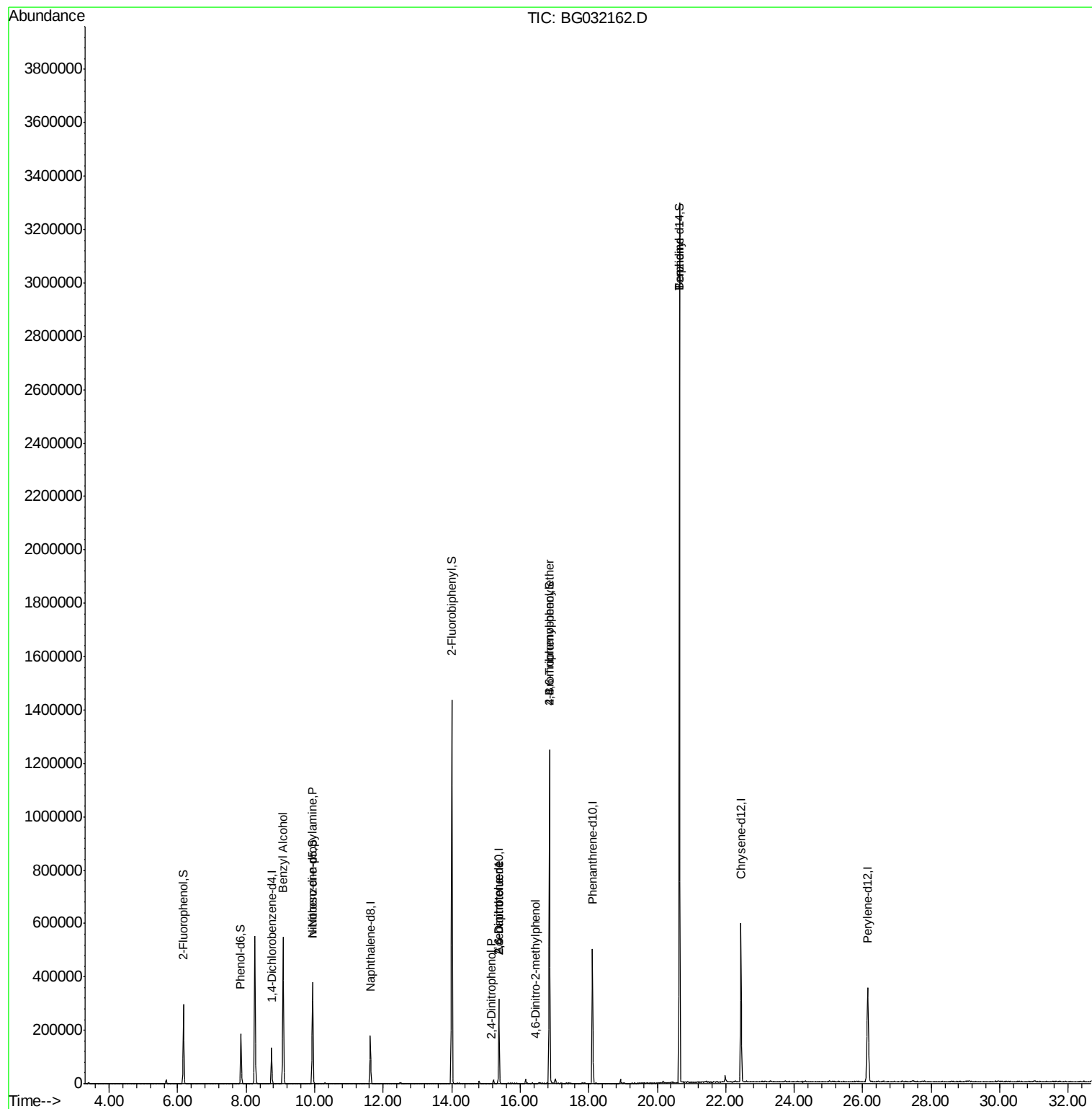
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.08	79	4496	2.057	ng	# 41
19) n-Nitroso-di-n-propylamine	9.94	70	34040	18.234	ng	# 73
50) 2,6-Dinitrotoluene	15.38	165	15303	6.827	ng	# 21
53) 2,4-Dinitrophenol	15.15	184	56	7.009	ng	# 1
56) 2,4-Dinitrotoluene	15.38	165	15303	5.071	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.46	198	57	4.907	ng	# 29
66) 4-Bromophenyl-phenylether	16.85	248	24598	4.962	ng	# 1
76) Benzidine	20.65	184	25993	2.269	ng	# 94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



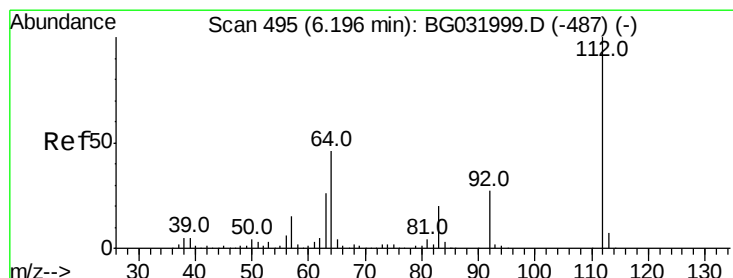
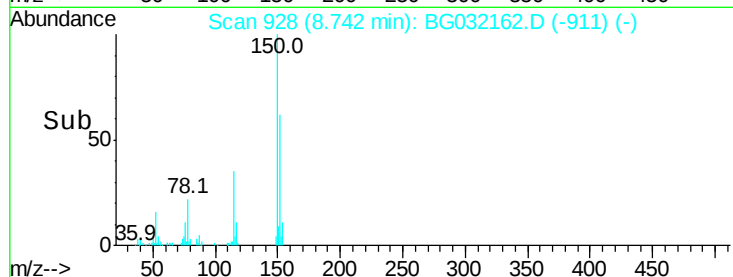
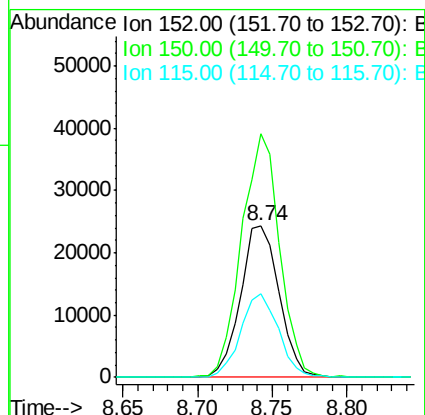
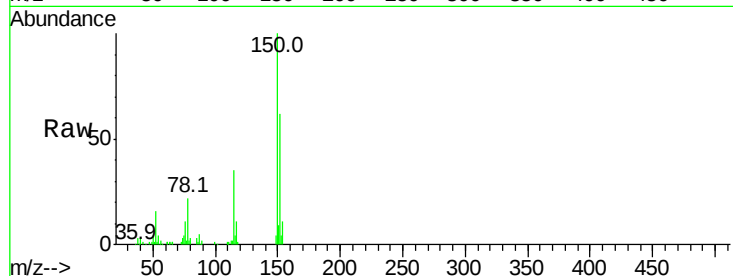


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. 0.00 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Instrument :
BNA_G
ClientSampled :

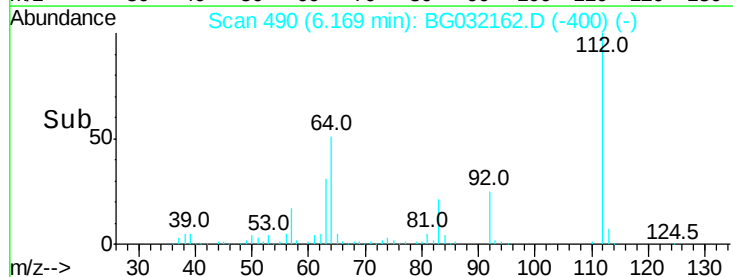
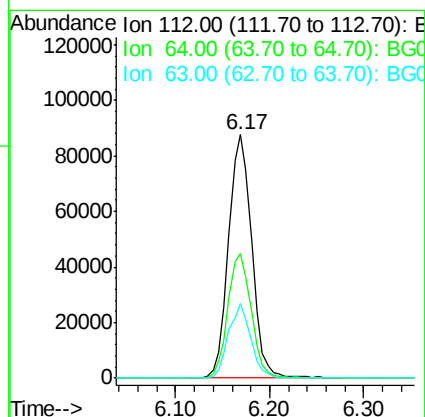
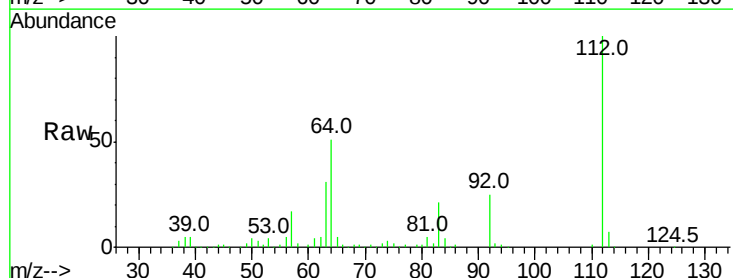
Tot Ion:152 Resp: 43694
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 55.4 53.0 79.4

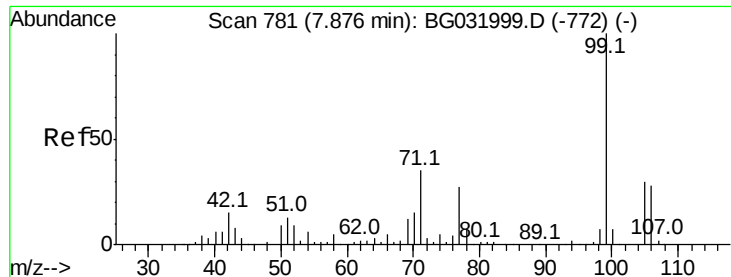


#5

2-Fluorophenol
Concen: 62.759 ng
RT: 6.17 min Scan# 490
Delta R.T. 0.00 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Tgt Ion:112 Resp: 149934
Ion Ratio Lower Upper
112 100
64 51.1 56.3 84.5#
63 30.7 30.1 45.1





#7

Phenol-d6

Concen: 38.982 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

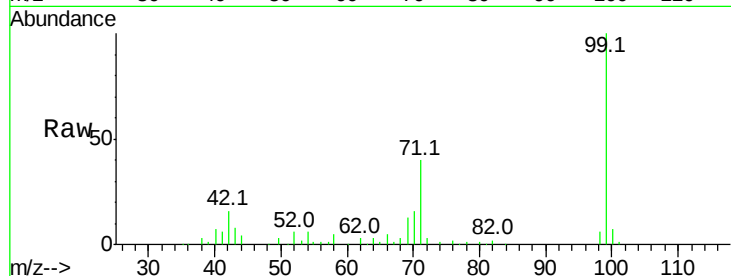
Tot Ion: 99 Resp: 117291

Ion Ratio Lower Upper

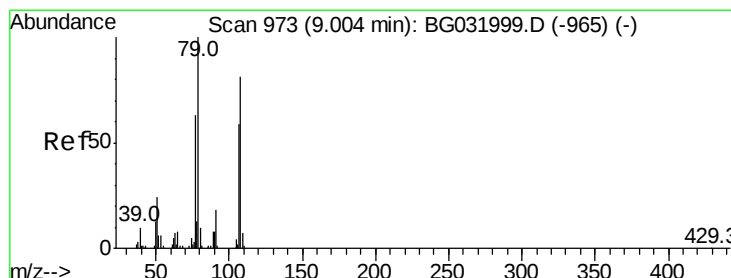
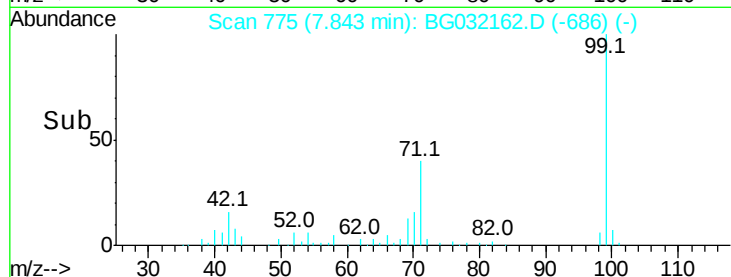
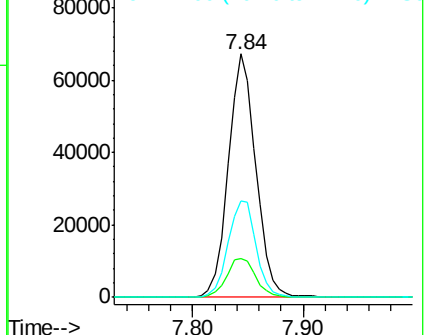
99 100

42 15.8 14.1 21.1

71 39.5 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



#15

Benzyl Alcohol

Concen: 2.057 ng

RT: 9.08 min Scan# 986

Delta R.T. 0.11 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

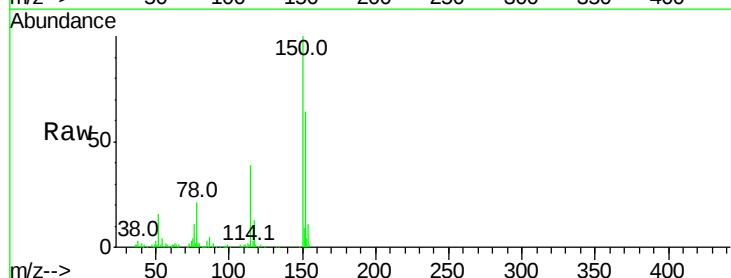
Tgt Ion: 79 Resp: 4496

Ion Ratio Lower Upper

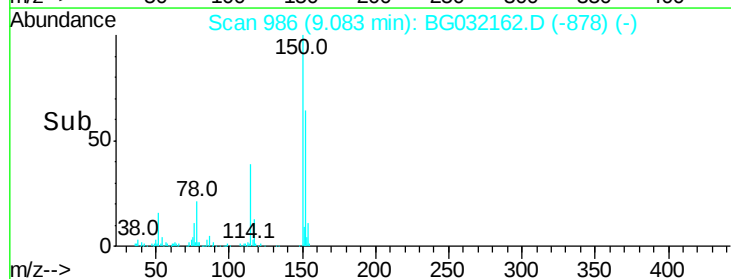
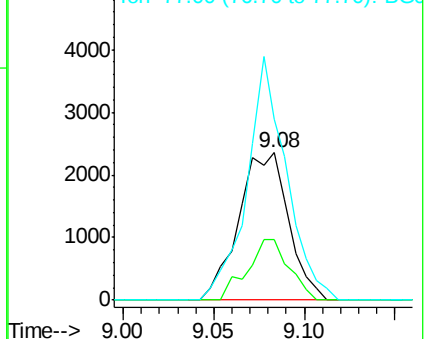
79 100

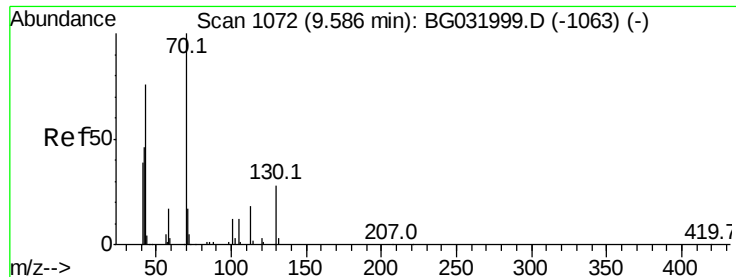
108 41.4 57.2 85.8#

77 122.3 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

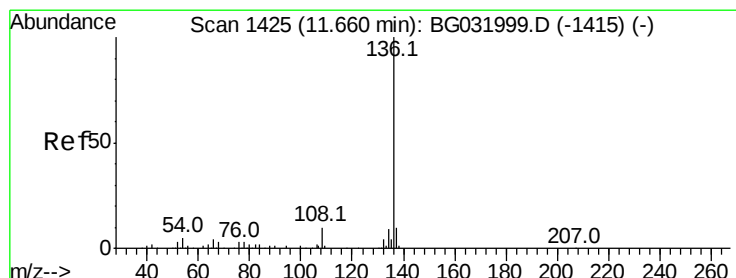
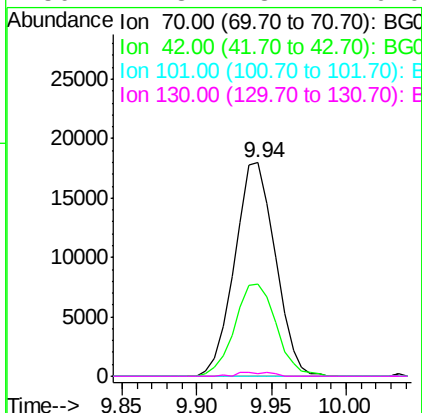
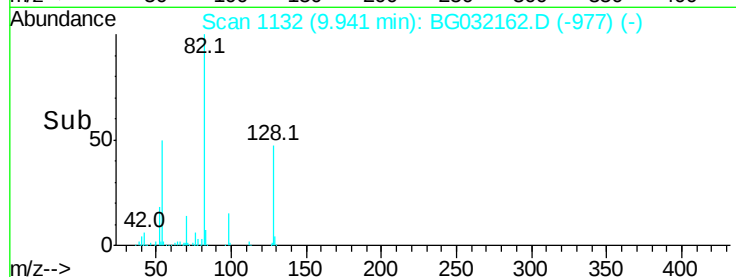
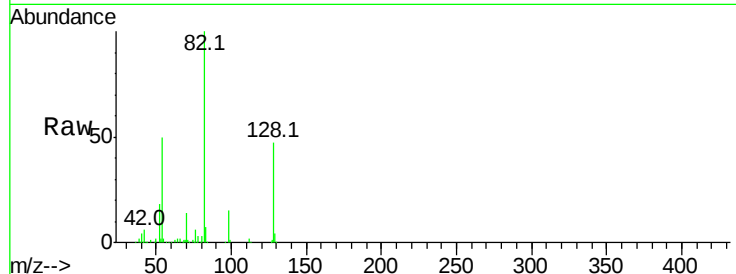




#19
n-Nitroso-di-n-propylamine
Concen: 18.234 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

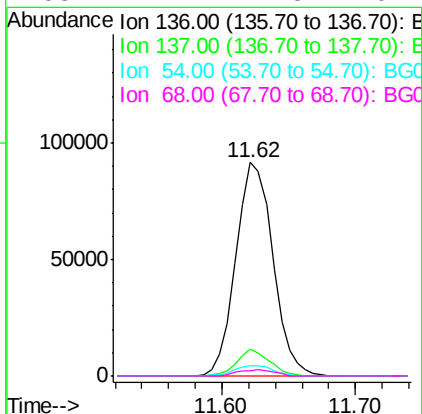
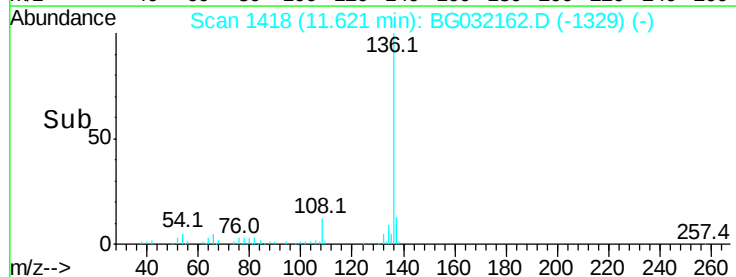
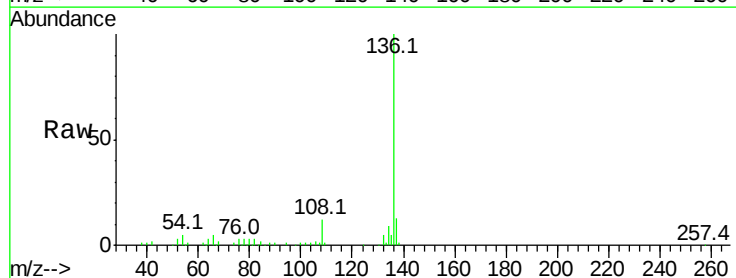
Instrument :
BNA_G
ClientSampleId :

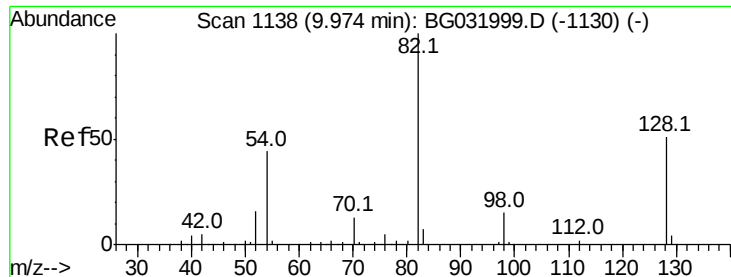
Tot Ion: 70 Resp: 34040
Ion Ratio Lower Upper
70 100
42 43.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Tgt Ion: 136 Resp: 176357
Ion Ratio Lower Upper
136 100
137 12.6 9.2 13.8
54 4.9 10.3 15.5#
68 2.2 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 92.793 ng

RT: 9.94 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

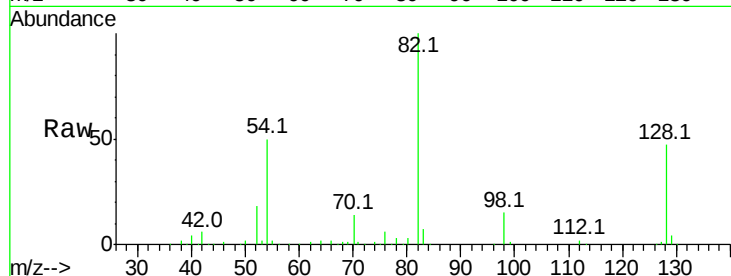
Tot Ion: 82 Resp: 241888

Ion Ratio Lower Upper

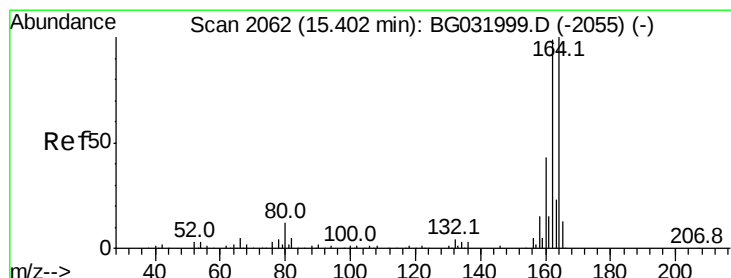
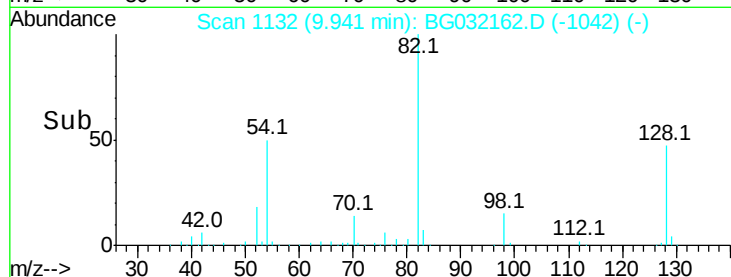
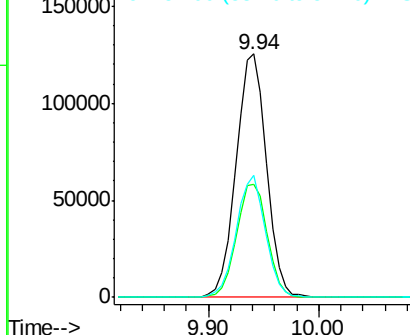
82 100

128 46.6 29.7 44.5#

54 50.0 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

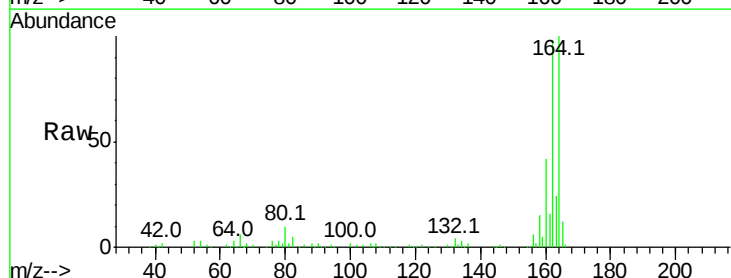
Tgt Ion:164 Resp: 123416

Ion Ratio Lower Upper

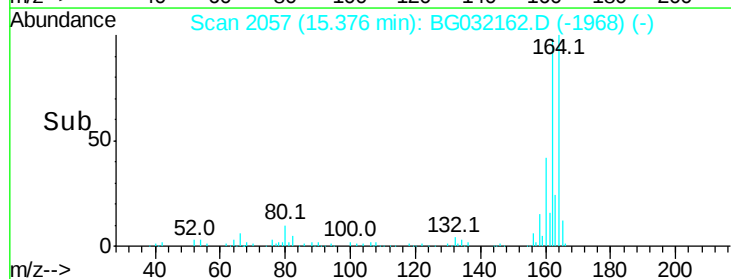
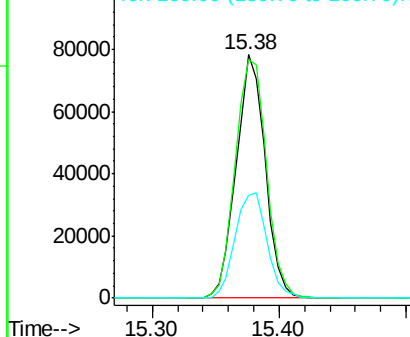
164 100

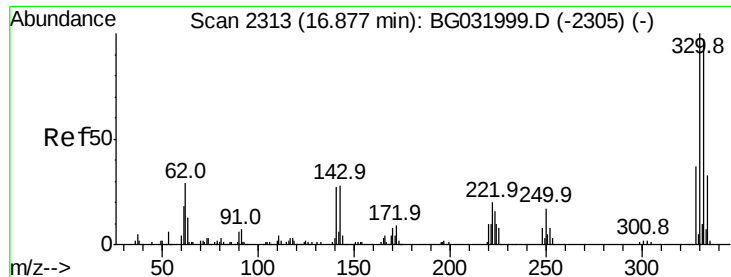
162 98.2 78.8 118.2

160 42.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

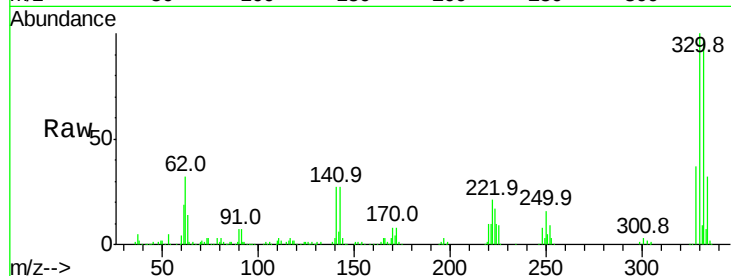




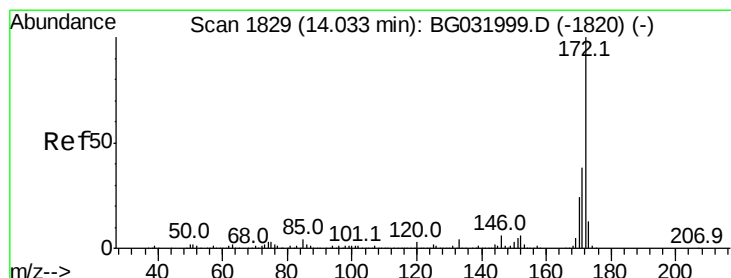
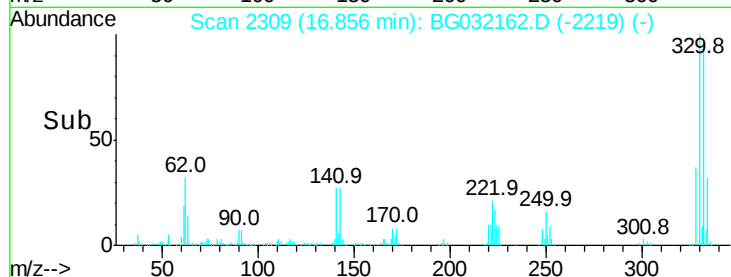
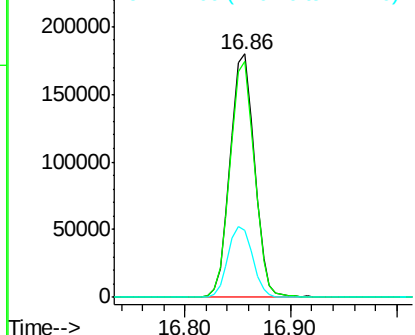
#41
 2,4,6-Tribromophenol
 Concen: 140.509 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.5	25.2	37.8

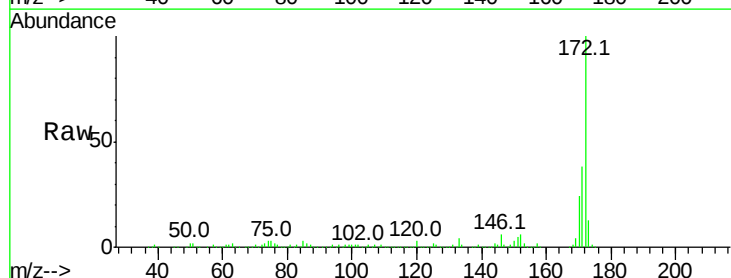


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

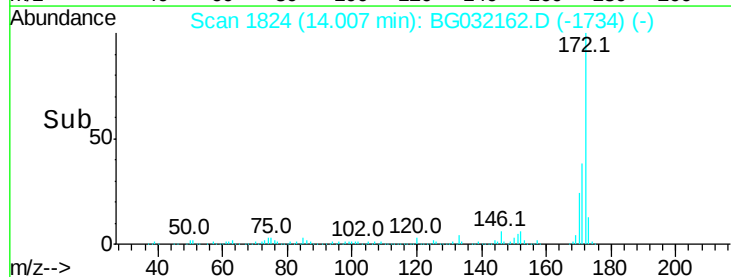
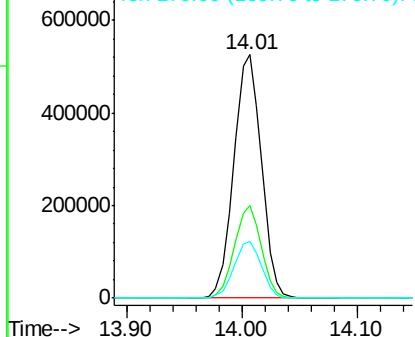


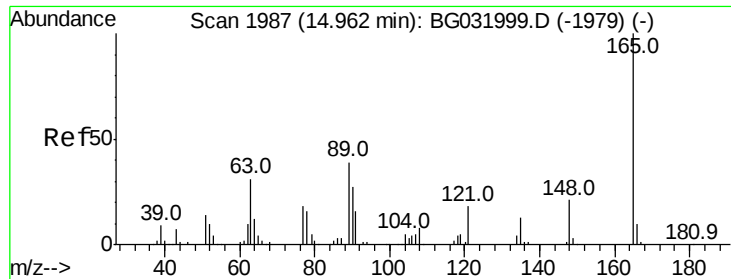
#44
 2-Fluorobiphenyl
 Concen: 87.112 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.5	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

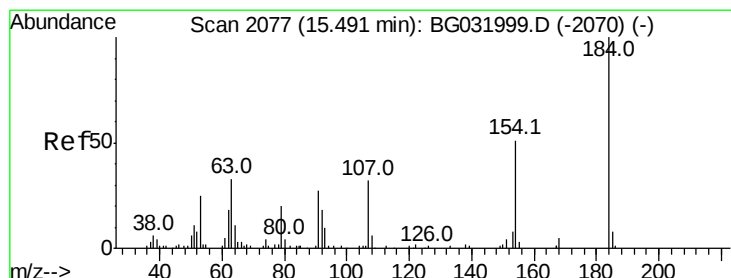
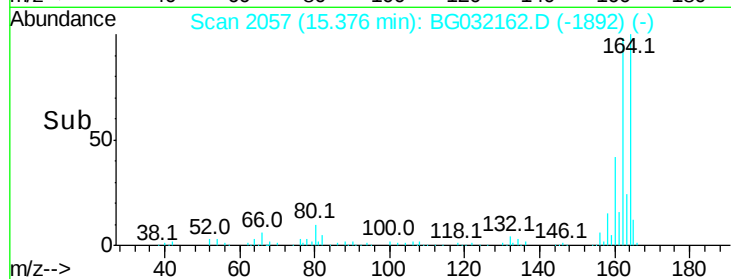
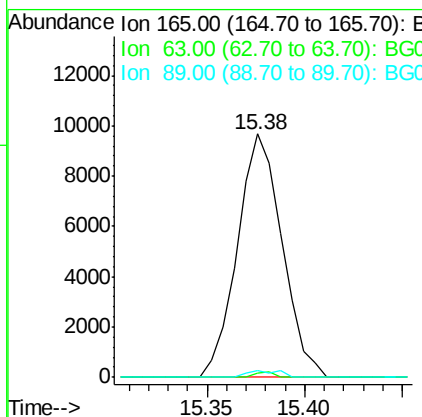
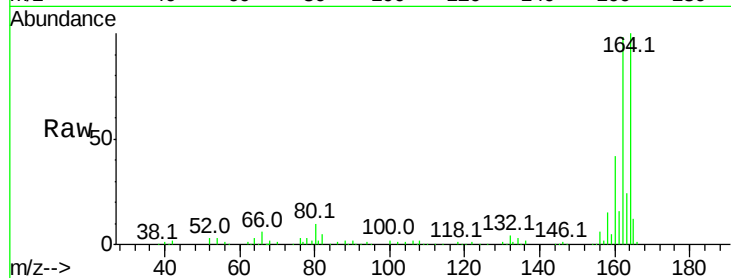




#50
 2,6-Dinitrotoluene
 Concen: 6.827 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. 0.44 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

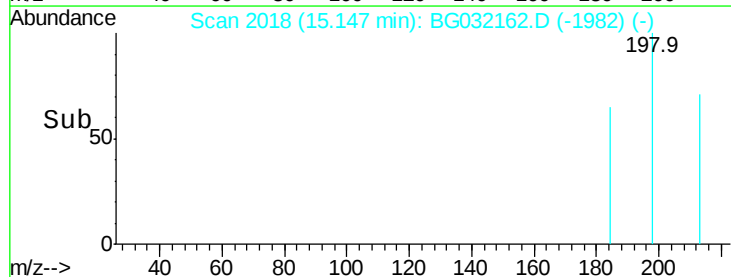
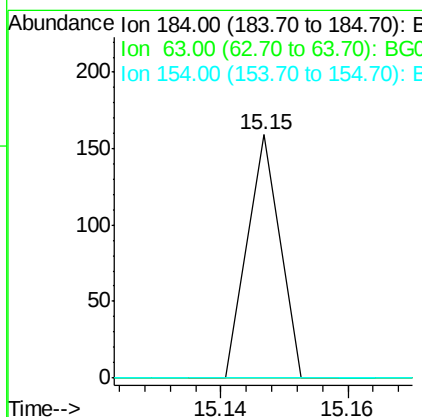
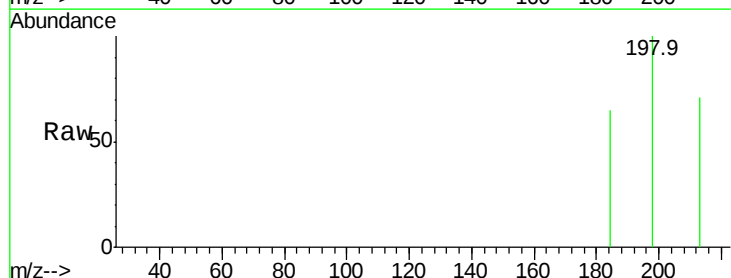
Instrument :
 BNA_G
 ClientSampleId :

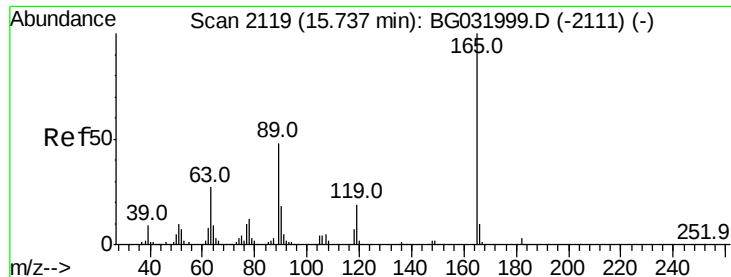
Tot Ion:165 Resp: 15303
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 2.7 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.009 ng
 RT: 15.15 min Scan# 2018
 Delta R.T. -0.32 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Tgt Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

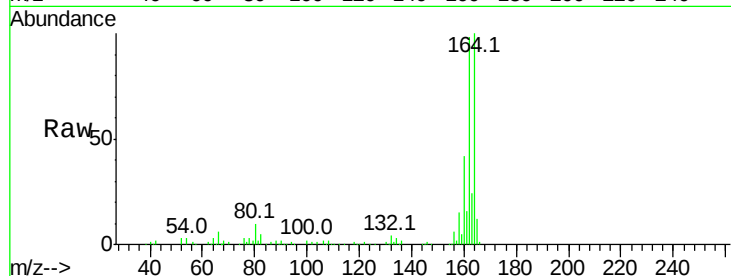




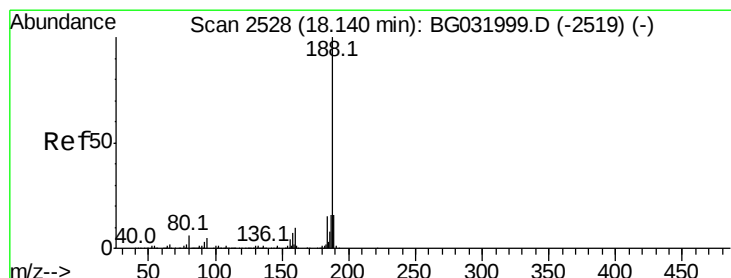
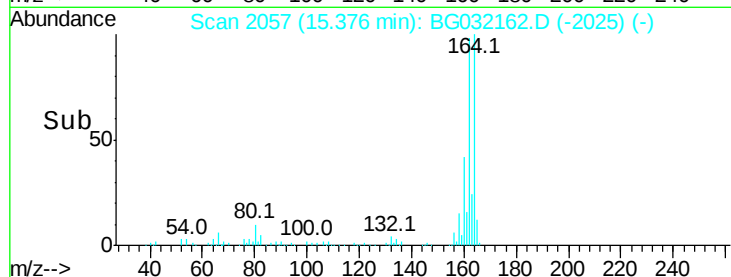
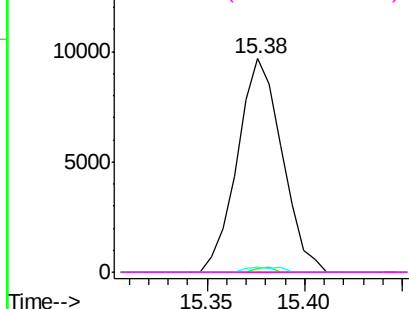
#56
 2,4-Dinitrotoluene
 Concen: 5.071 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.34 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15303
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 2.7 66.9 100.3#
 182 0.0 2.6 3.8#

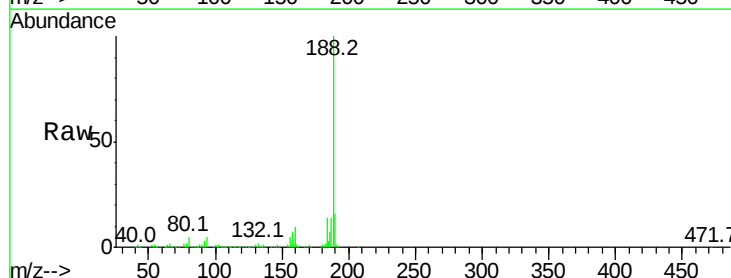


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

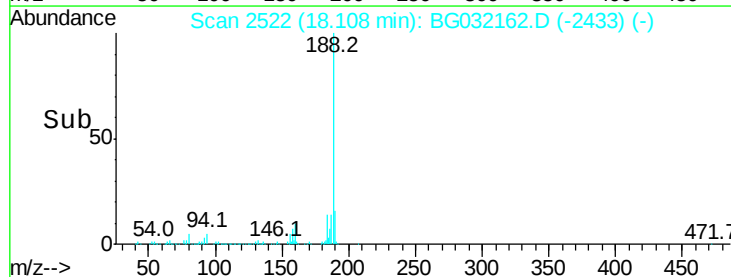
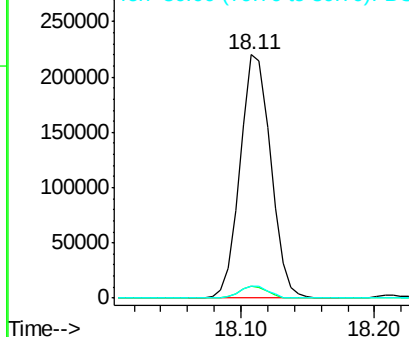


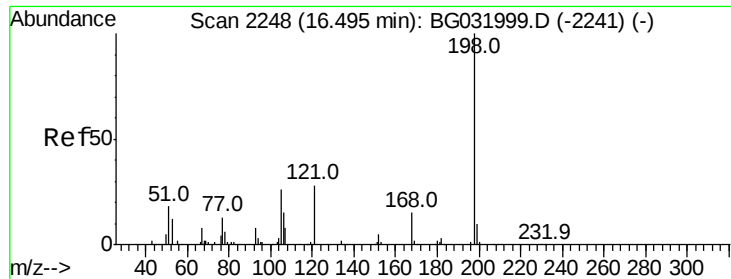
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032162.D
 Acq: 19 Jan 2018 21:37

Tgt Ion:188 Resp: 348435
 Ion Ratio Lower Upper
 188 100
 94 4.7 6.9 10.3#
 80 5.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 300000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

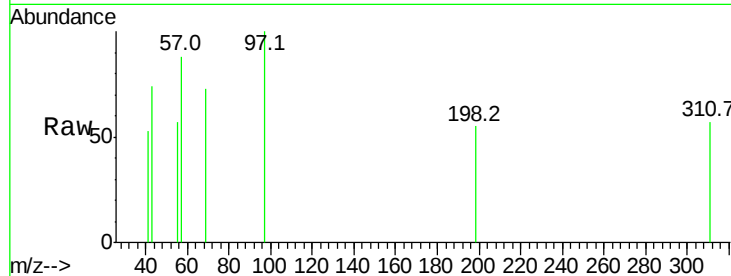




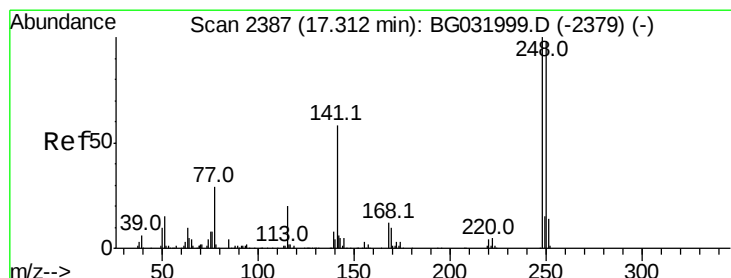
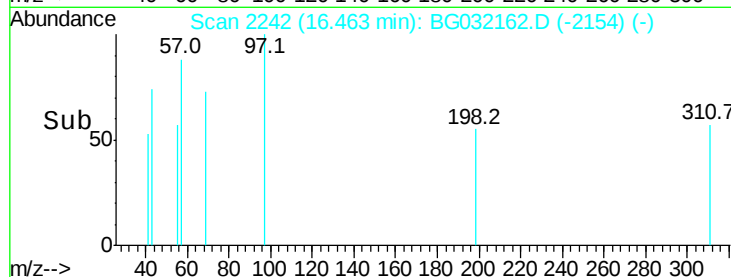
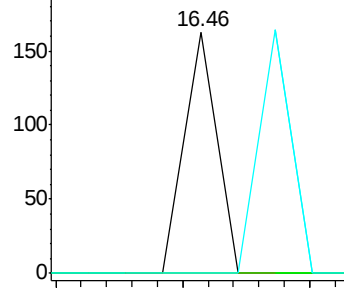
#64
4,6-Dinitro-2-methylphenol
Concen: 4.907 ng
RT: 16.46 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#

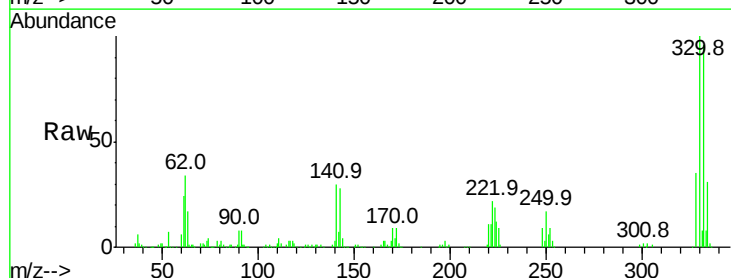


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

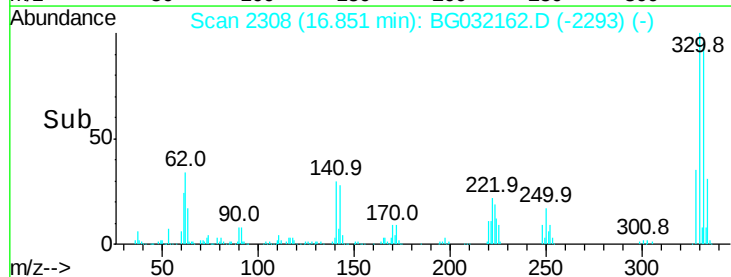
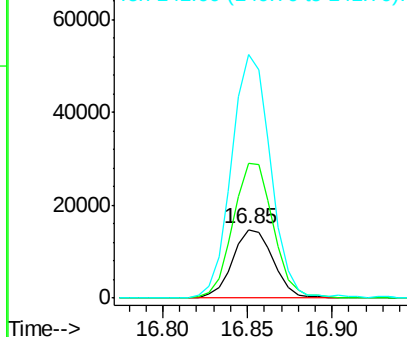


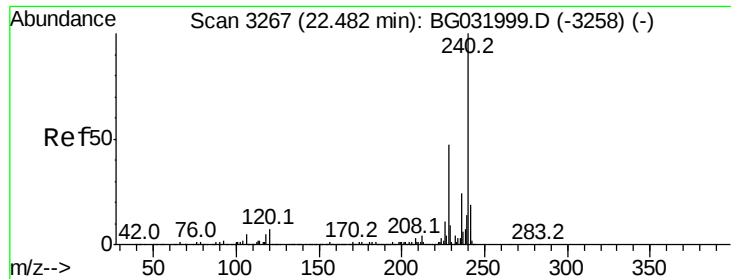
#66
4-Bromophenyl-phenylether
Concen: 4.962 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.44 min
Lab File: BG032162.D
Acq: 19 Jan 2018 21:37

Tgt Ion:248 Resp: 24598
Ion Ratio Lower Upper
248 100
250 196.8 77.1 115.7#
141 354.5 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: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Instrument :

BNA_G

ClientSampleId :

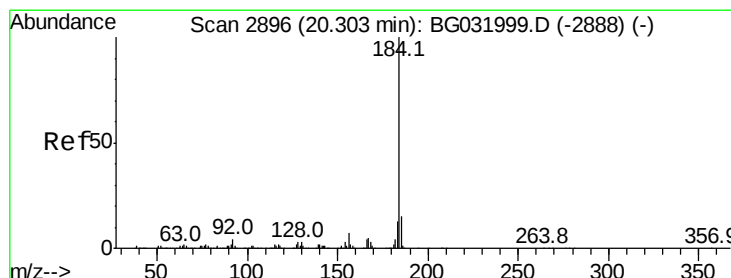
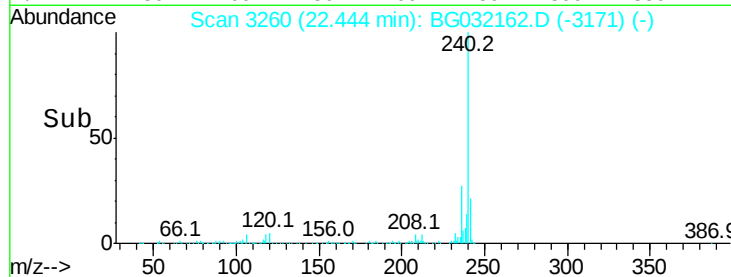
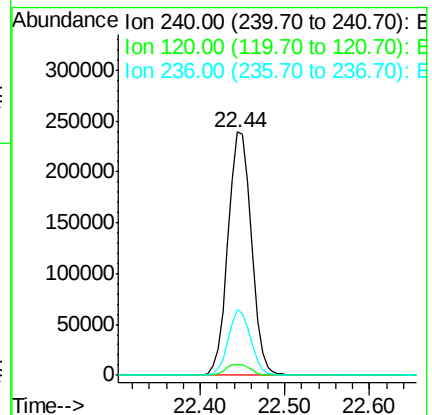
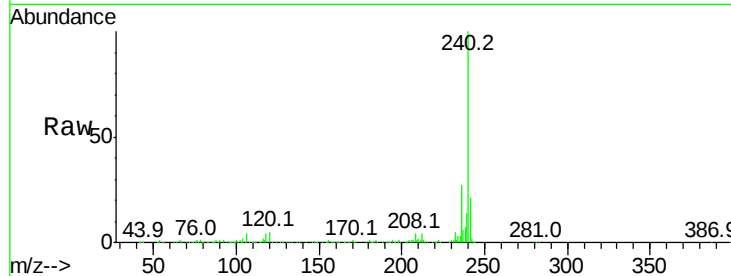
Tot Ion:240 Resp: 458018

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

236 26.7 20.9 31.3



#76

Benzidine

Concen: 2.269 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.38 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

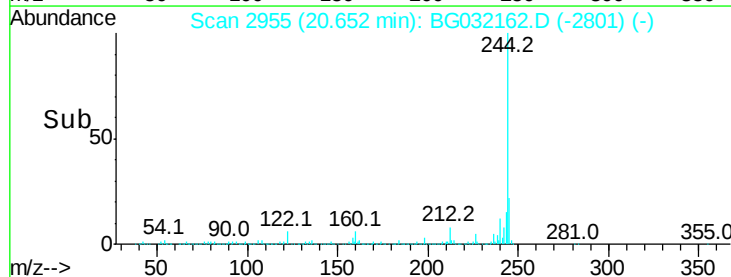
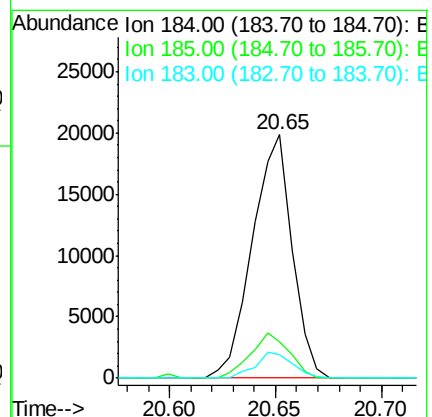
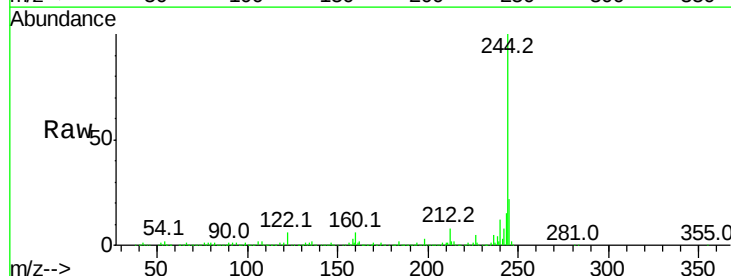
Tgt Ion:184 Resp: 25993

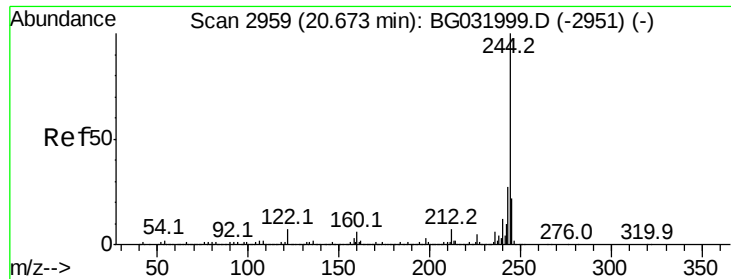
Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

183 9.4 10.6 16.0#





#78

Terphenyl-d14

Concen: 88.122 ng

RT: 20.65 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

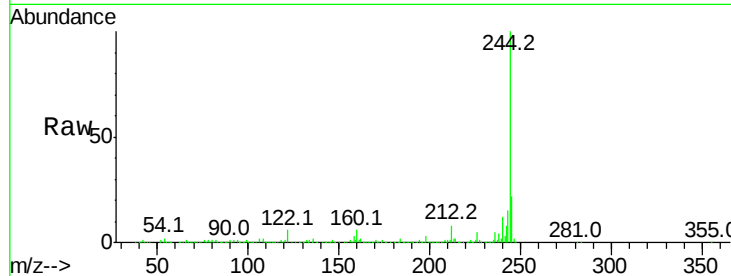
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1827927

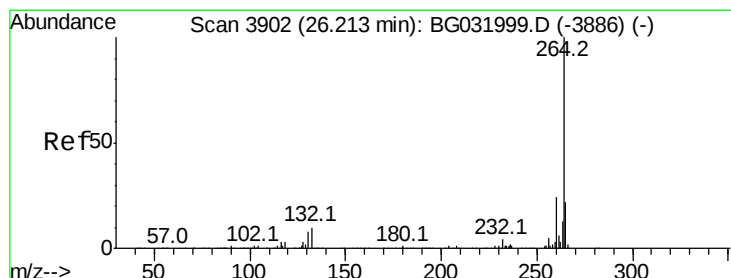
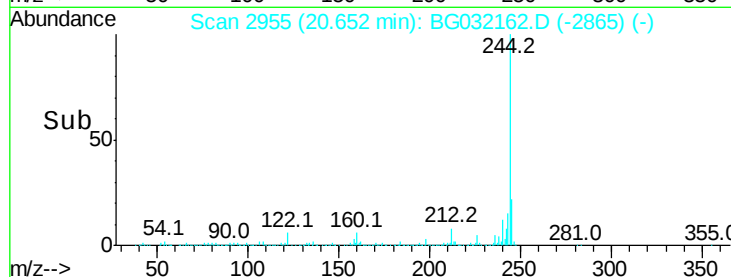
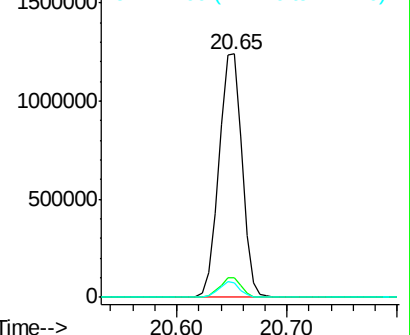
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.9	7.0	10.4



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: 26.15 min Scan# 3890

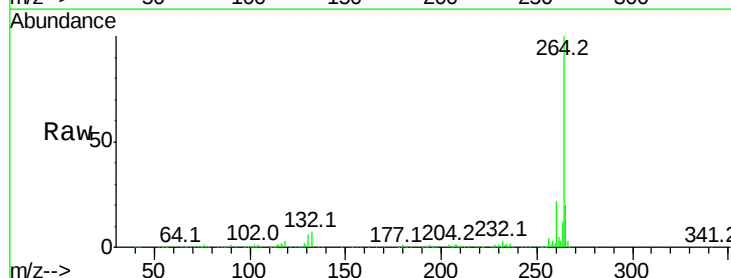
Delta R.T. -0.01 min

Lab File: BG032162.D

Acq: 19 Jan 2018 21:37

Tgt Ion:264 Resp: 481193

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.0	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

