

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032376.D
 Acq On : 28 Jan 2018 4:22
 Operator : SJ/JU
 Sample : J1311-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 28 04:55:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33514	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	125297	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	77151	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	218583	20.00	ng	0.00
75) Chrysene-d12	22.42	240	297706	20.00	ng	0.00
86) Perylene-d12	26.10	264	102500	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	238549	130.18	ng	0.00
7) Phenol-d6	7.84	99	255190	110.58	ng	0.00
23) Nitrobenzene-d5	9.92	82	193780	104.63	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	217075	170.03	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	642946	103.33	ng	0.00
78) Terphenyl-d14	20.63	244	1366536	101.35	ng	0.00

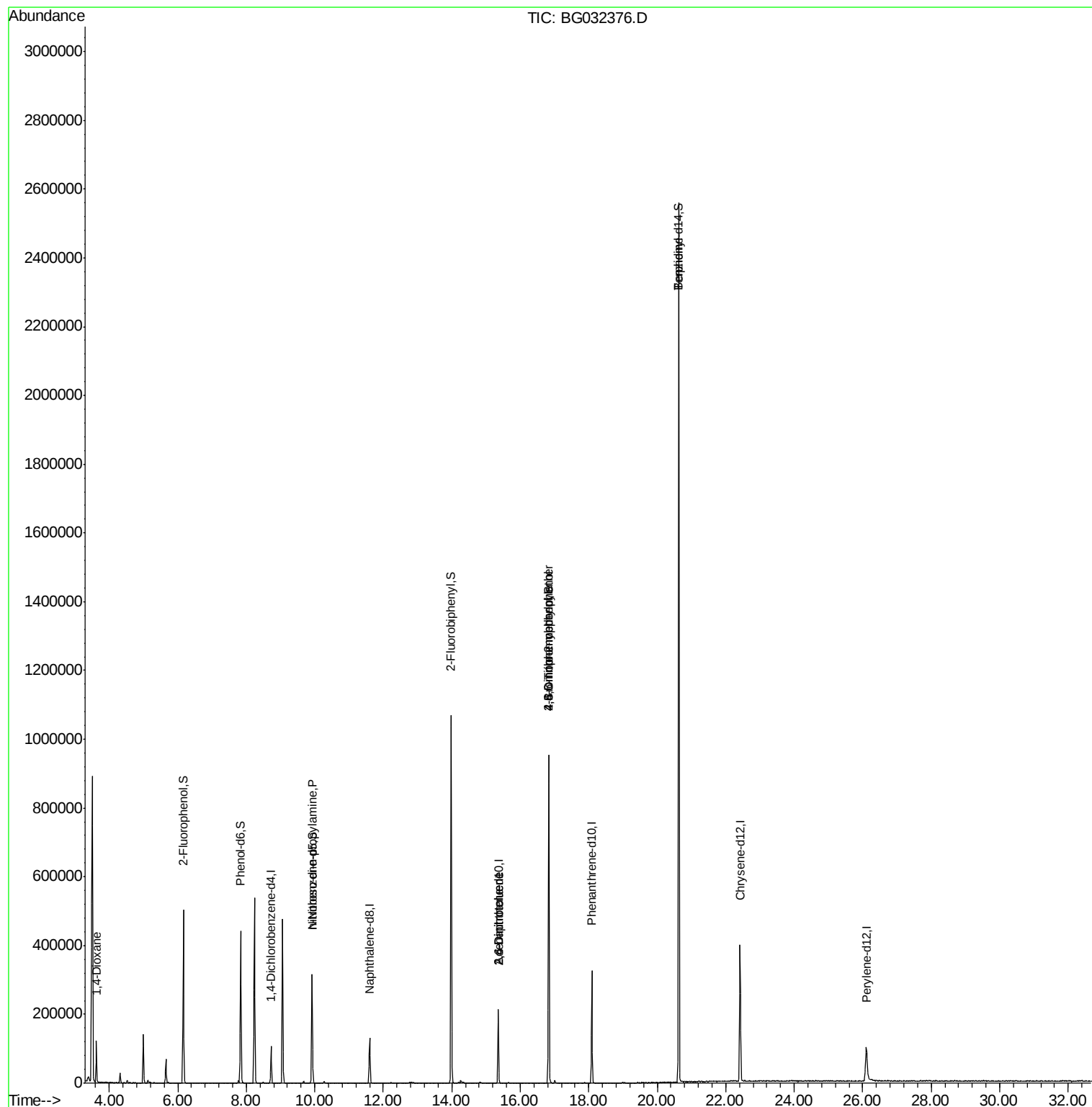
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	2640	3.750	ng	# 1
19) n-Nitroso-di-n-propylamine	9.92	70	28764	20.088	ng	# 76
50) 2,6-Dinitrotoluene	15.36	165	9813	7.003	ng	# 23
56) 2,4-Dinitrotoluene	15.36	165	9813	5.201	ng	# 20
64) 4,6-Dinitro-2-methylphenol	16.83	198	833	5.419	ng	# 60
66) 4-Bromophenyl-phenylether	16.83	248	18776	6.037	ng	# 1
76) Benzidine	20.63	184	20382	2.738	ng	# 95

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

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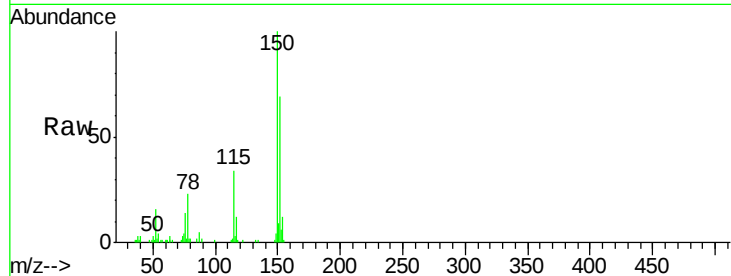


#1

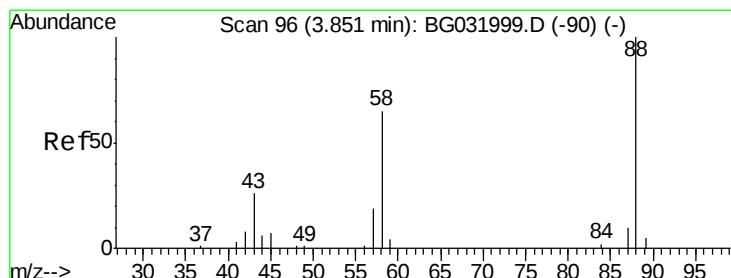
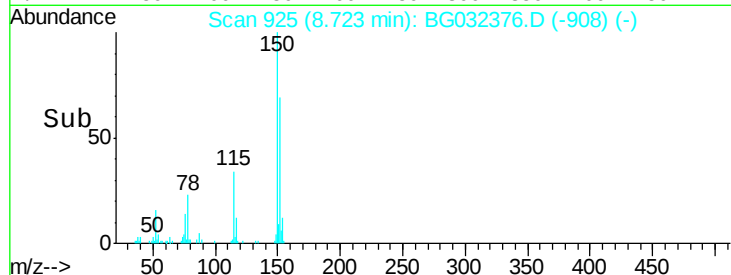
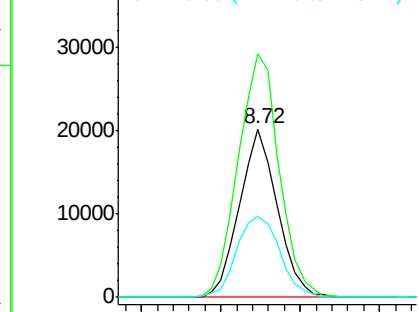
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33514
Ion Ratio Lower Upper
152 100
150 144.5 126.6 189.8
115 48.4 53.0 79.4#



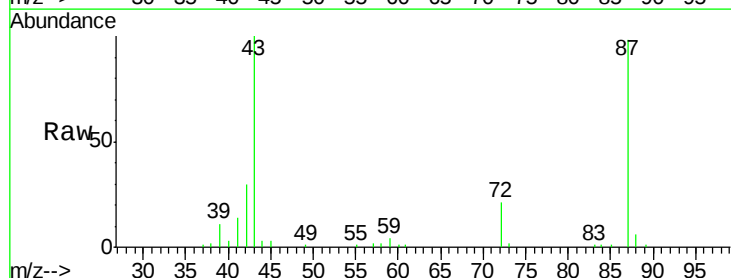
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



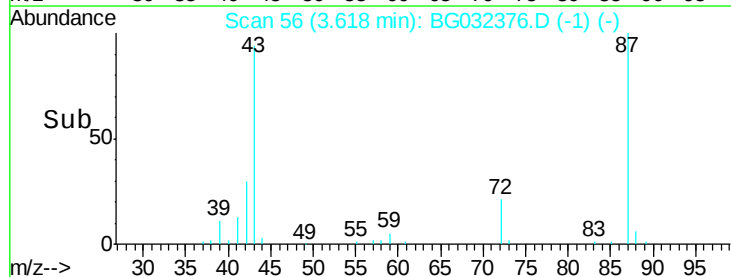
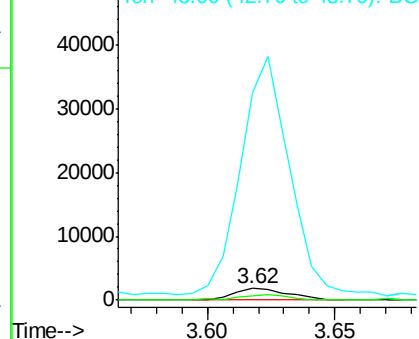
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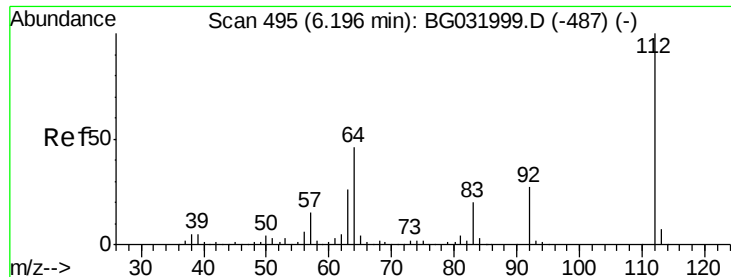
1,4-Dioxane
Concen: 3.750 ng
RT: 3.62 min Scan# 56
Delta R.T. -0.21 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Tgt Ion: 88 Resp: 2640
Ion Ratio Lower Upper
88 100
58 44.1 79.6 119.4#
43 1927.9 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 130.181 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032376.D

Acq: 28 Jan 2018 4:22

Instrument :

BNA_G

ClientSampleId :

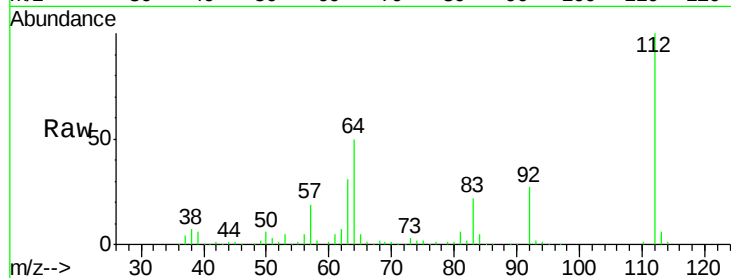
Tot Ion:112 Resp: 238549

Ion Ratio Lower Upper

112 100

64 49.9 56.3 84.5#

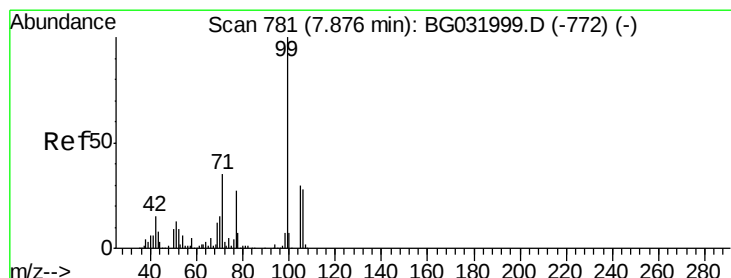
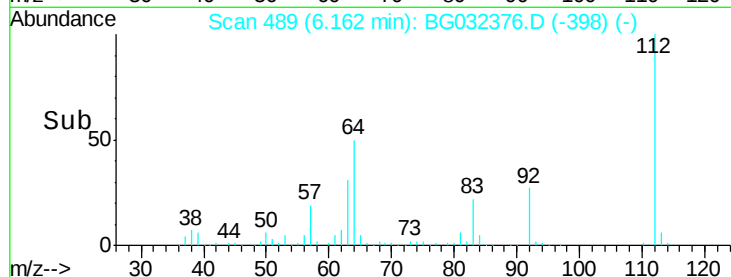
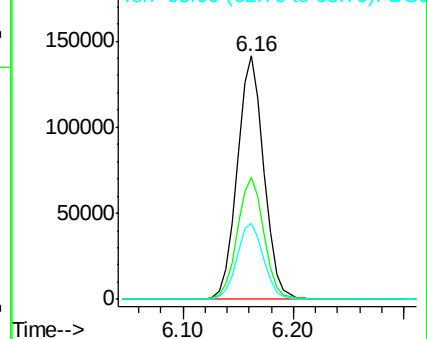
63 31.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 110.575 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032376.D

Acq: 28 Jan 2018 4:22

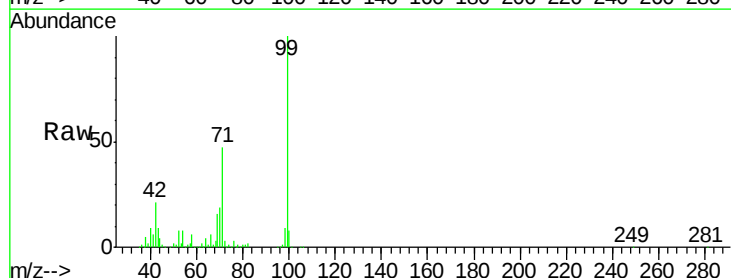
Tgt Ion: 99 Resp: 255190

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

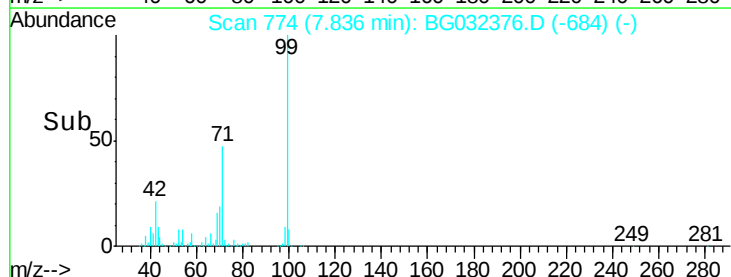
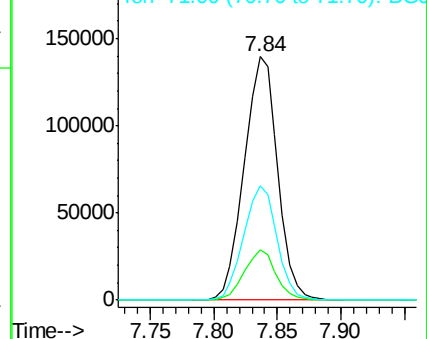
71 47.1 26.1 39.1#

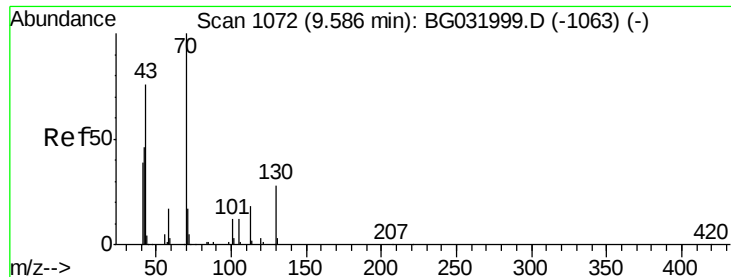


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

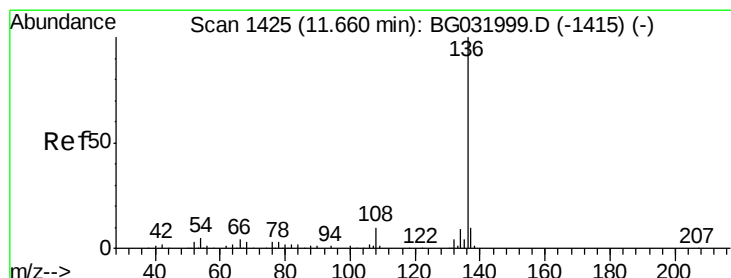
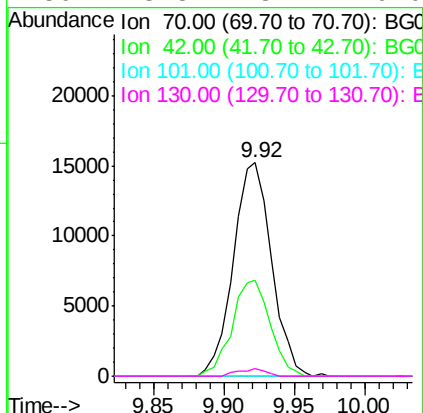
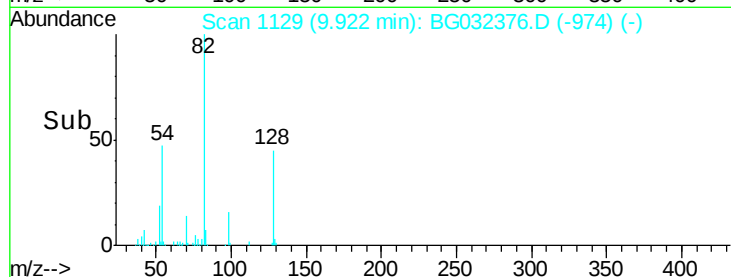
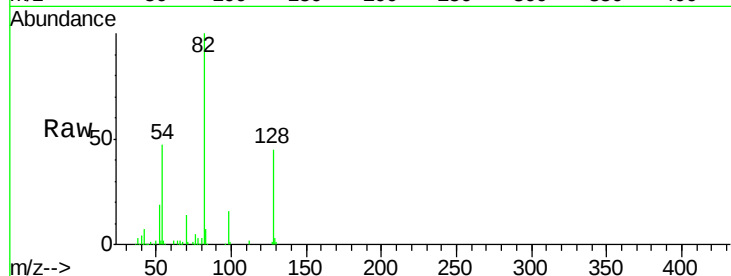




#19
n-Nitroso-di-n-propylamine
Concen: 20.088 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.38 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

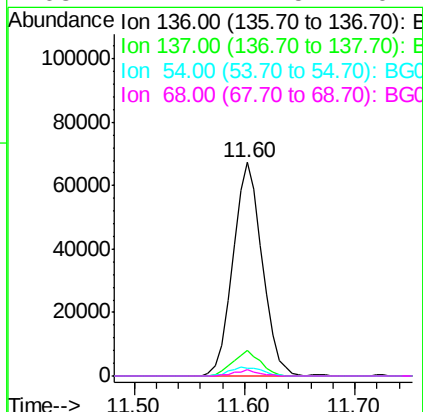
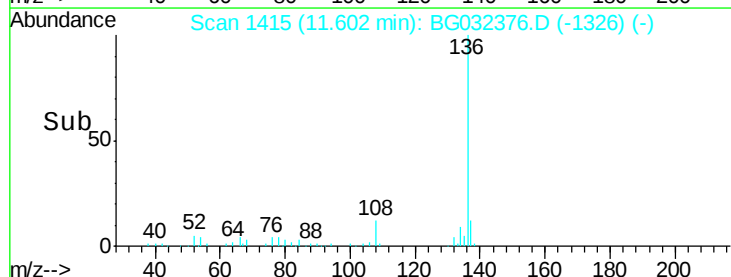
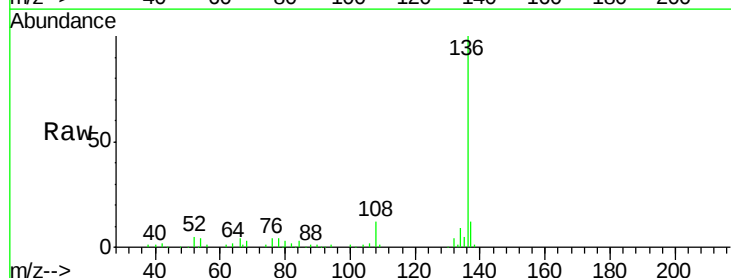
Instrument :
BNA_G
ClientSampleId :

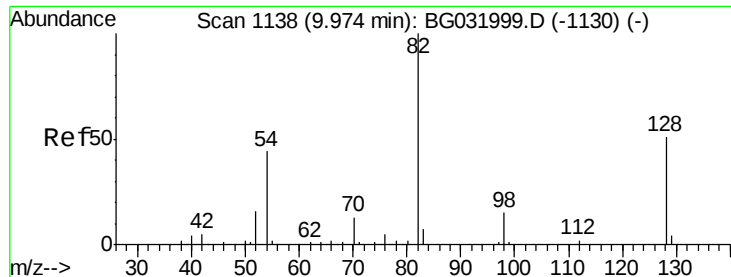
Tot Ion: 70 Resp: 28764
Ion Ratio Lower Upper
70 100
42 45.2 49.1 73.7#
101 0.0 8.5 12.7#
130 3.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Tgt Ion: 136 Resp: 125297
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 3.9 10.3 15.5#
68 2.7 4.5 6.7#

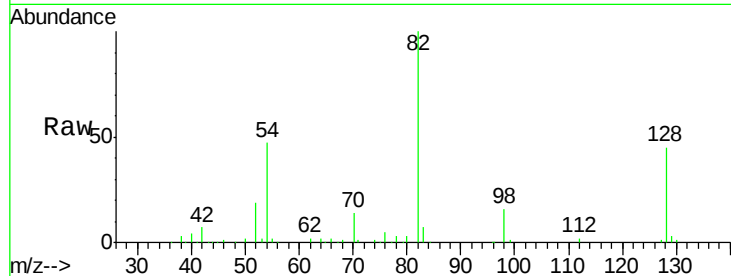




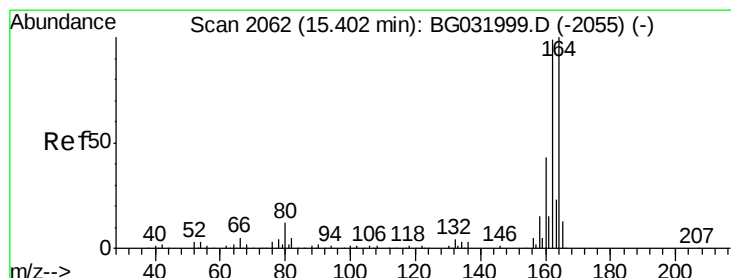
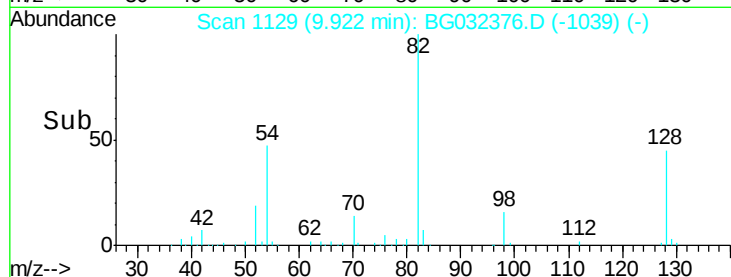
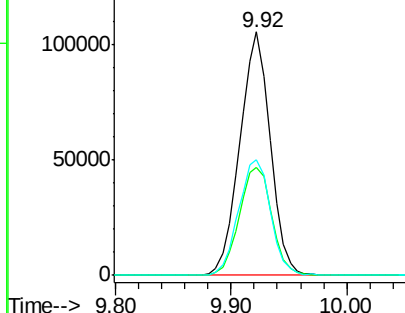
#23
Nitrobenzene-d5
Concen: 104.632 ng
RT: 9.92 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 193780
Ion Ratio Lower Upper
82 100
128 44.5 29.7 44.5#
54 47.3 43.1 64.7

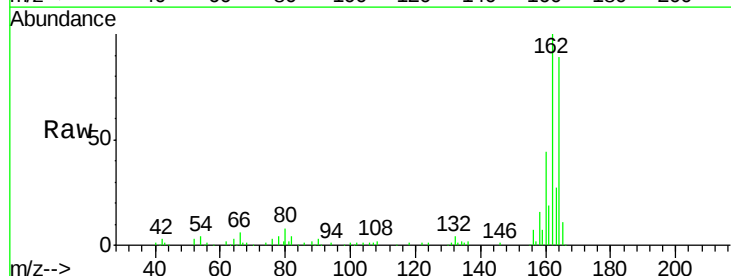


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

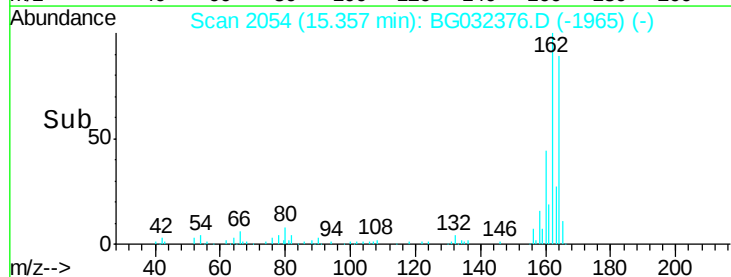
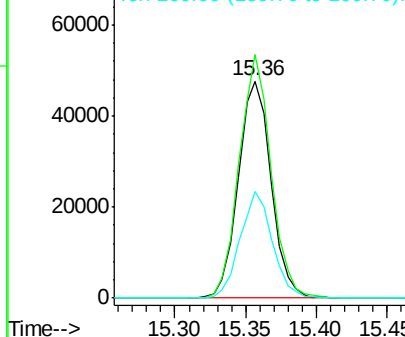


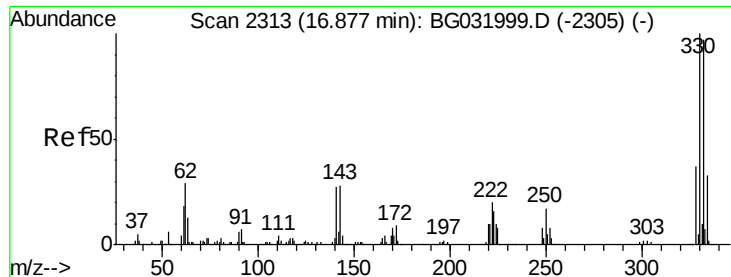
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Tgt Ion:164 Resp: 77151
Ion Ratio Lower Upper
164 100
162 112.3 78.8 118.2
160 49.4 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

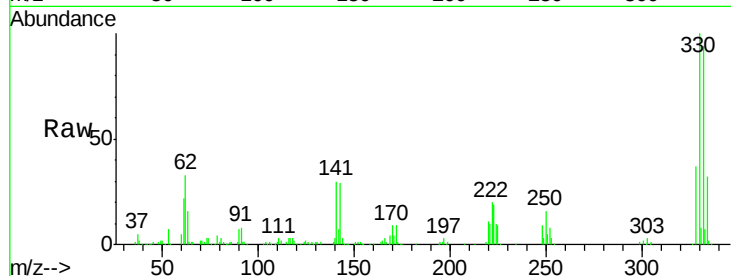




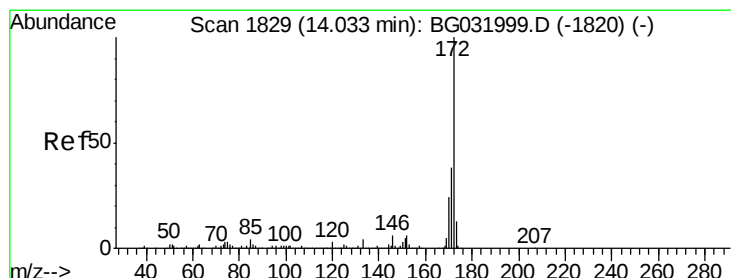
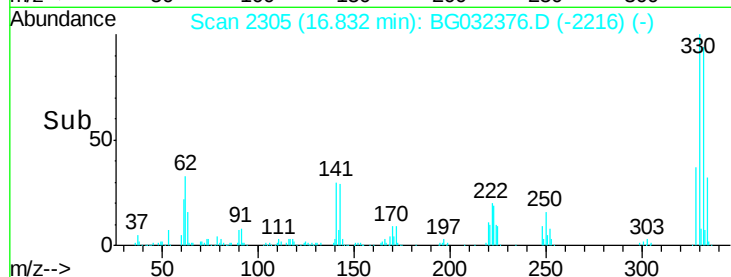
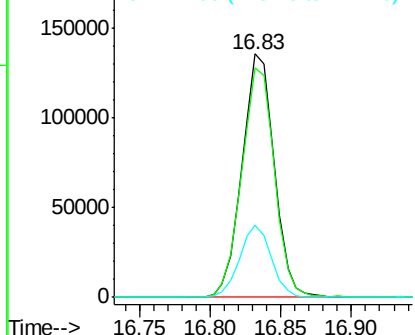
#41
 2,4,6-Tribromophenol
 Concen: 170.032 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032376.D
 Acq: 28 Jan 2018 4:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.2	25.2	37.8

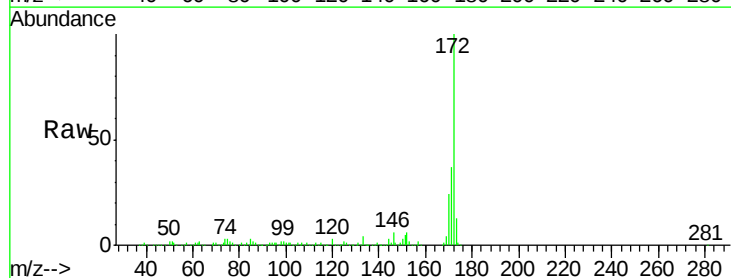


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

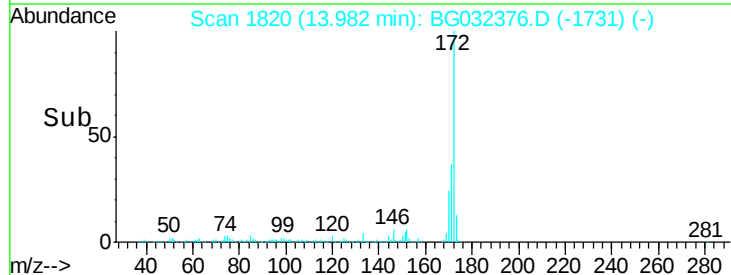
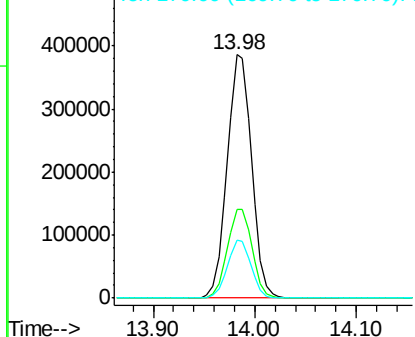


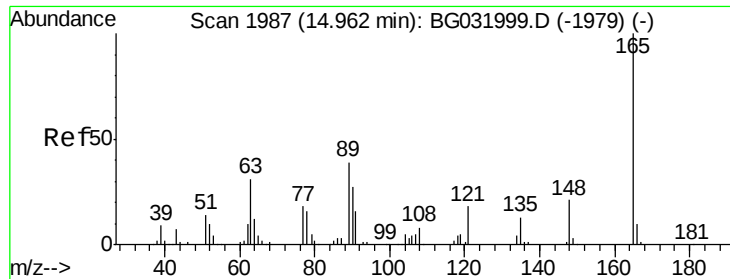
#44
 2-Fluorobiphenyl
 Concen: 103.333 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032376.D
 Acq: 28 Jan 2018 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.7	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

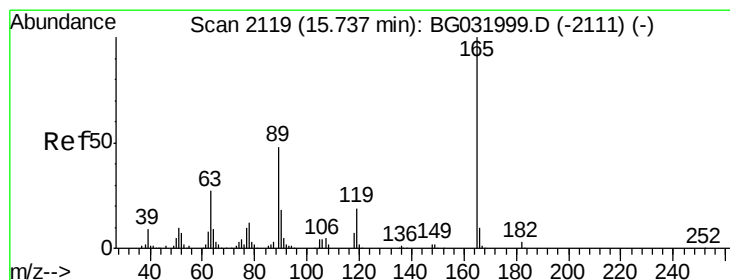
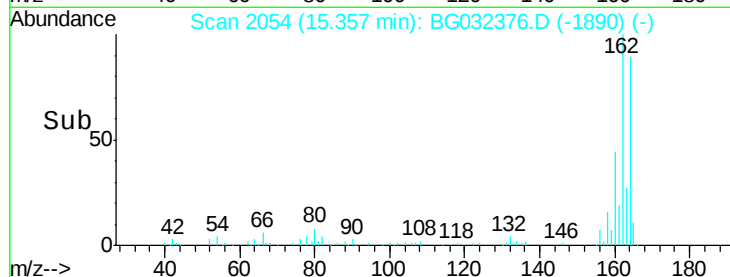
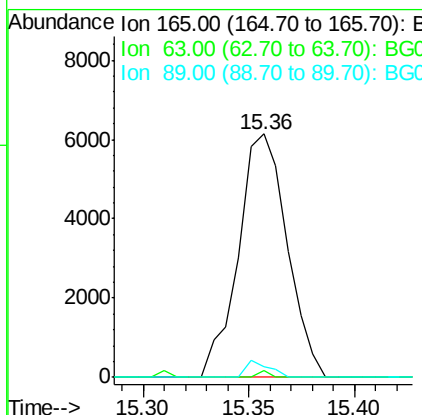
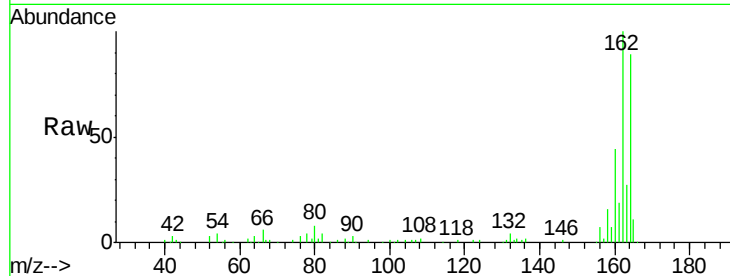




#50
2,6-Dinitrotoluene
Concen: 7.003 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.44 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

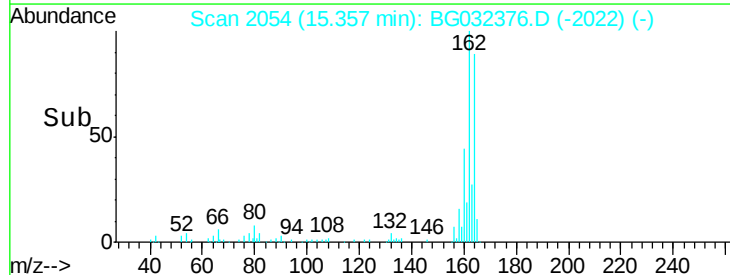
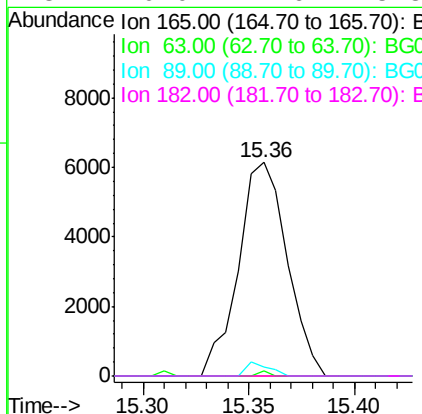
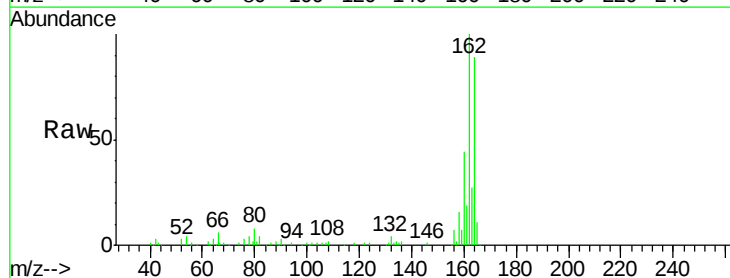
Instrument :
BNA_G
ClientSampleId :

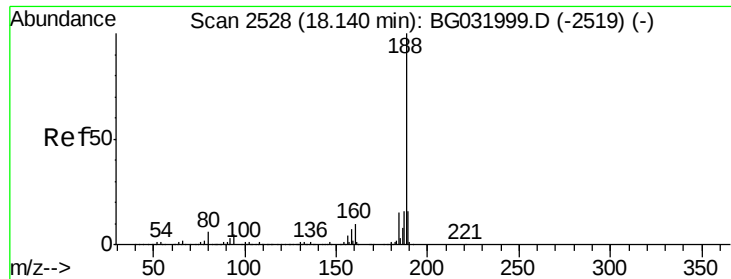
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	4.3	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 5.201 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	4.3	66.9	100.3#
182	0.0	2.6	3.8#

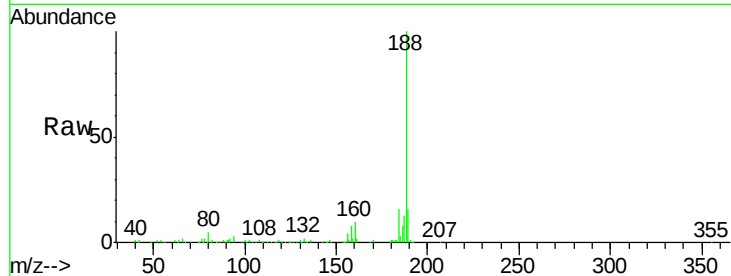




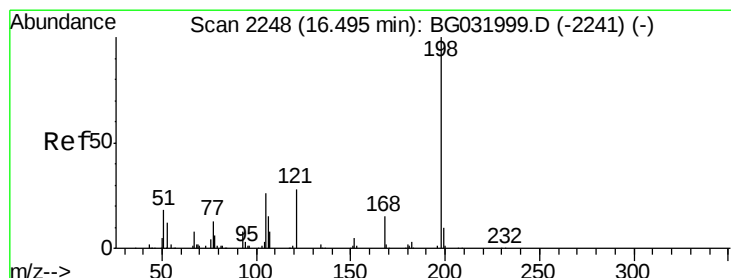
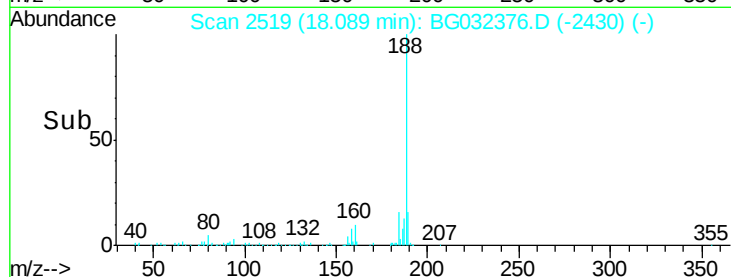
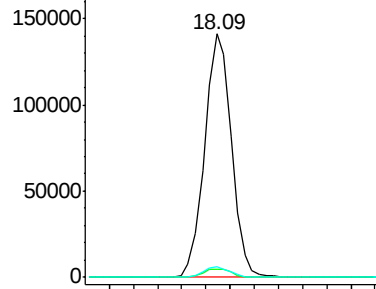
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 218583
Ion Ratio Lower Upper
188 100
94 3.4 6.9 10.3#
80 4.5 7.7 11.5#

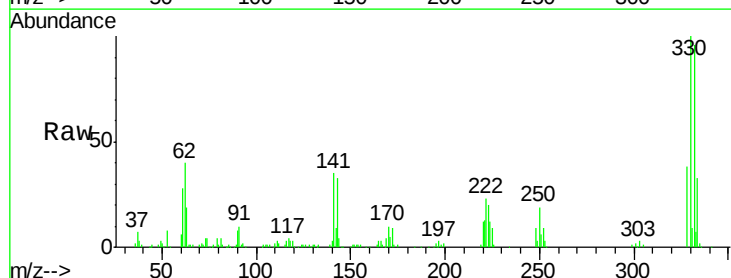


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

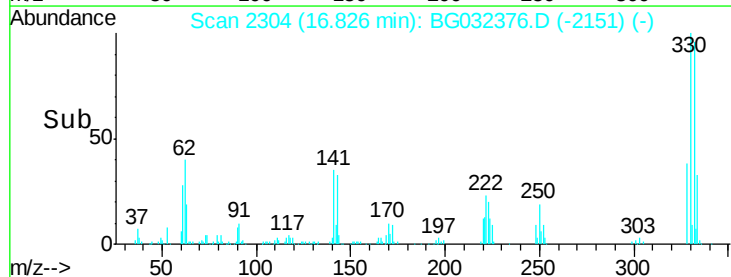
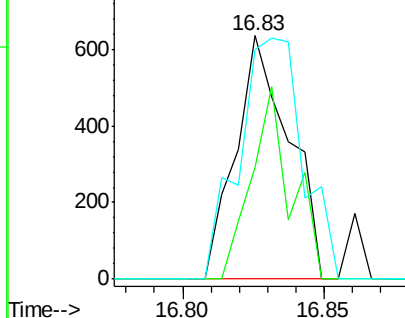


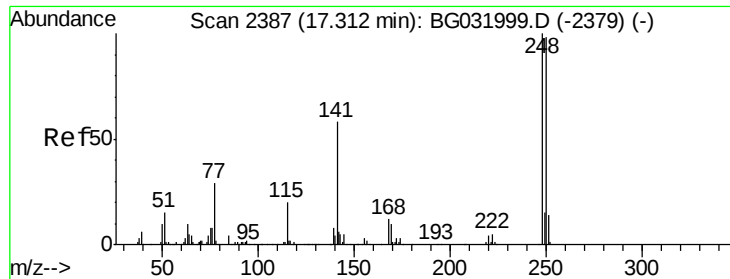
#64
4,6-Dinitro-2-methylphenol
Concen: 5.419 ng
RT: 16.83 min Scan# 2304
Delta R.T. 0.37 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Tgt Ion:198 Resp: 833
Ion Ratio Lower Upper
198 100
51 46.1 30.6 70.6
105 94.3 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

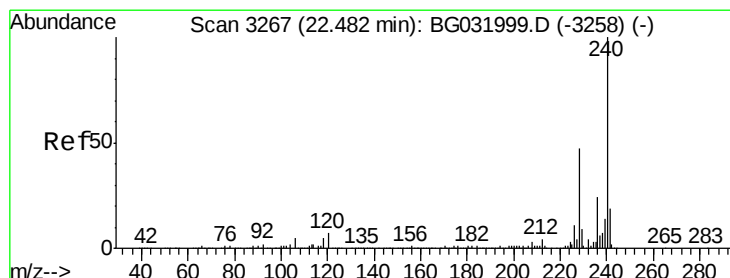
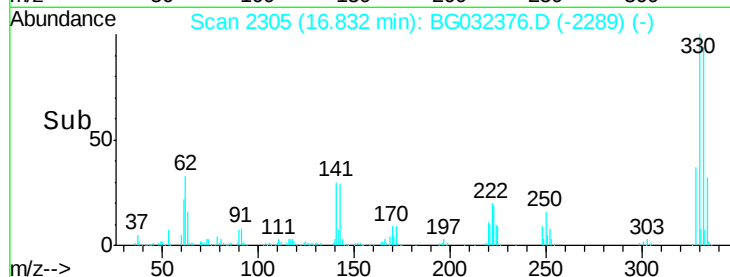
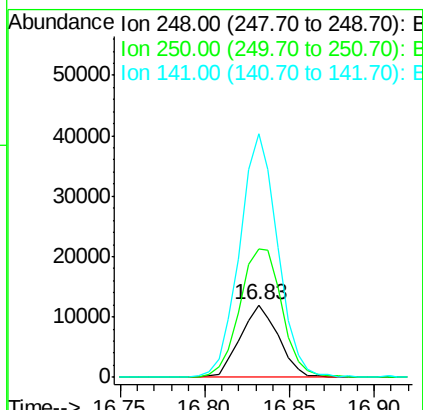
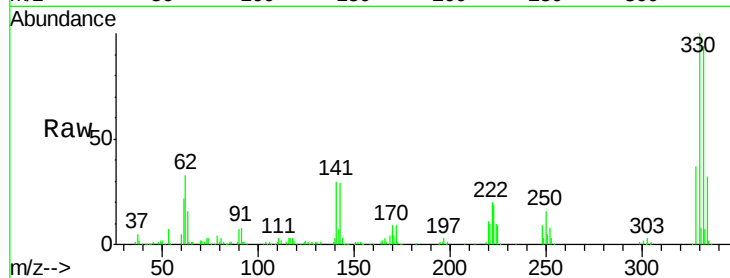




#66
 4-Bromophenyl-phenylether
 Concen: 6.037 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.43 min
 Lab File: BG032376.D
 Acq: 28 Jan 2018 4:22

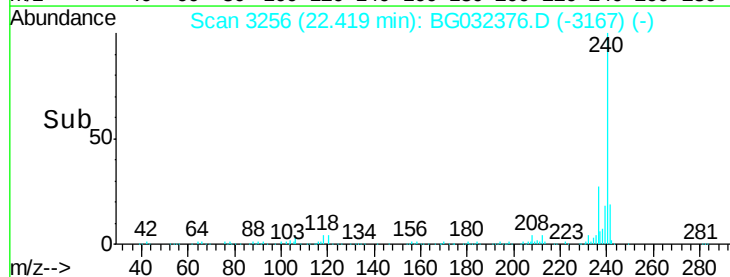
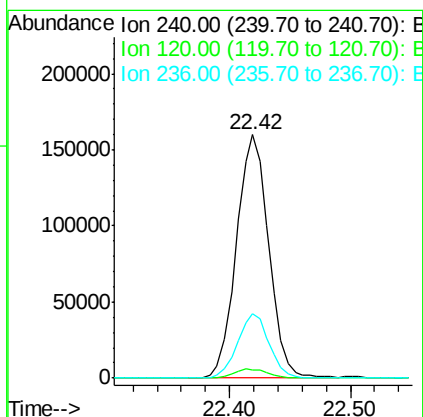
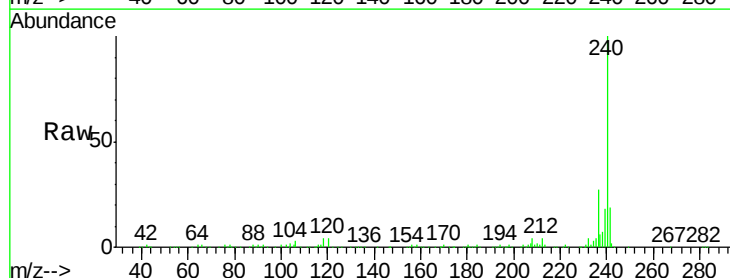
Instrument :
 BNA_G
 ClientSampled :

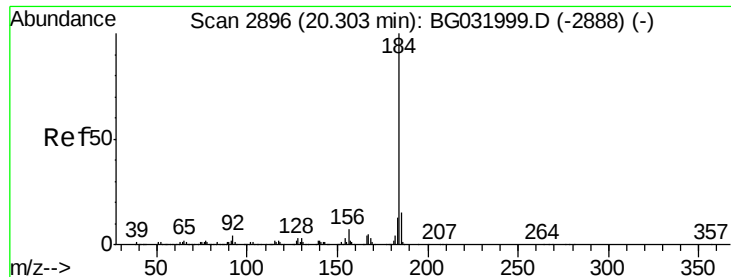
Tot Ion:248 Resp: 18776
 Ion Ratio Lower Upper
 248 100
 250 176.3 77.1 115.7#
 141 335.7 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG032376.D
 Acq: 28 Jan 2018 4:22

Tgt Ion:240 Resp: 297706
 Ion Ratio Lower Upper
 240 100
 120 3.6 6.8 10.2#
 236 26.6 20.9 31.3

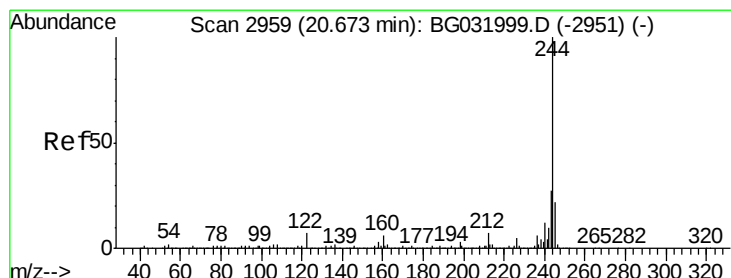
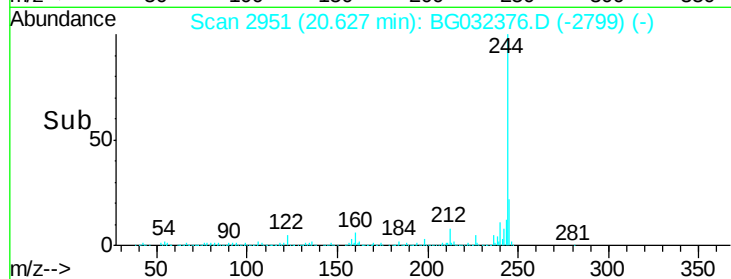
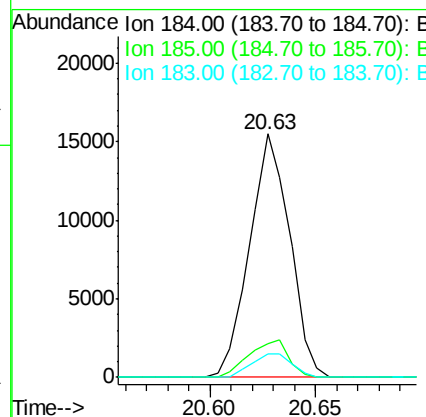
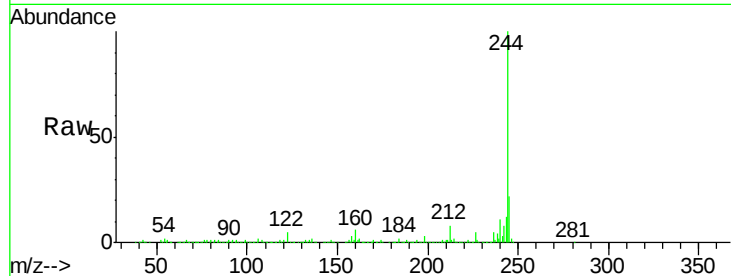




#76
Benzidine
Concen: 2.738 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.36 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

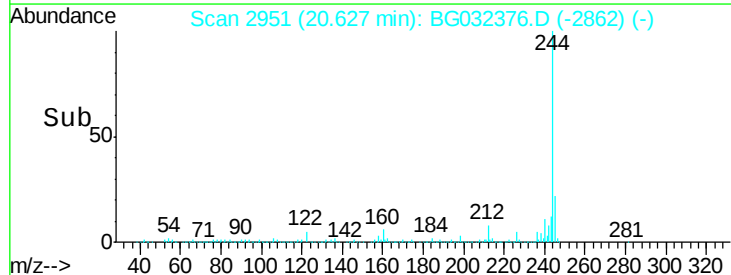
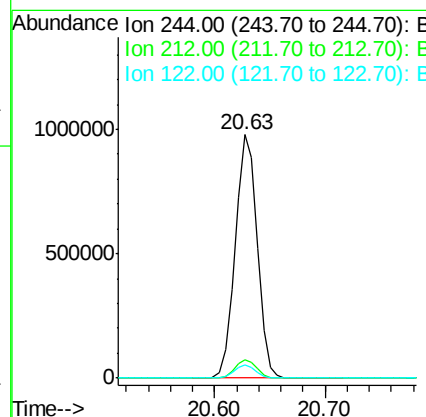
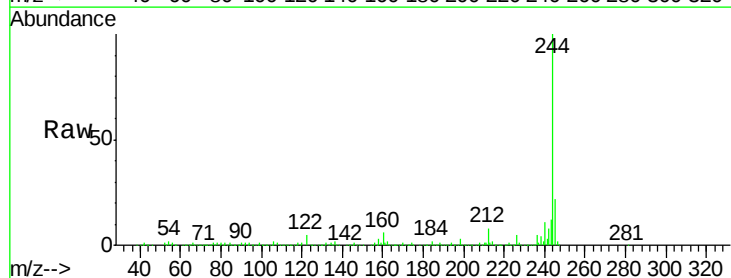
Instrument :
BNA_G
ClientSampleId :

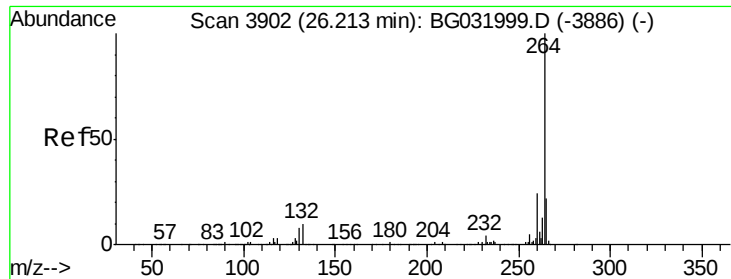
Tot Ion:184 Resp: 20382
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 9.4 10.6 16.0#



#78
Terphenyl-d14
Concen: 101.354 ng
RT: 20.63 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BG032376.D
Acq: 28 Jan 2018 4:22

Tgt Ion:244 Resp: 1366536
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 5.4 7.0 10.4#

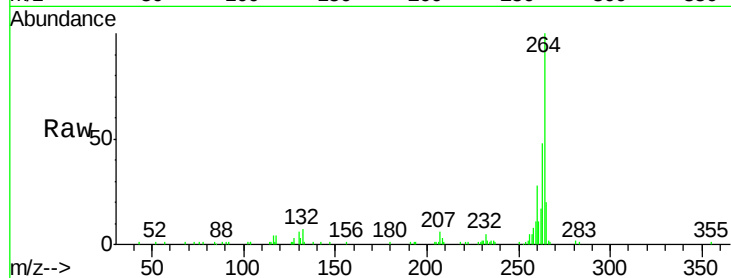




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BG032376.D
 Acq: 28 Jan 2018 4:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	28.1	17.4	26.0#
265	20.4	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

