

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
 Data File : BG035275.D
 Acq On : 20 Jun 2018 20:52
 Operator : SJ/JU
 Sample : J3498-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 03:58:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

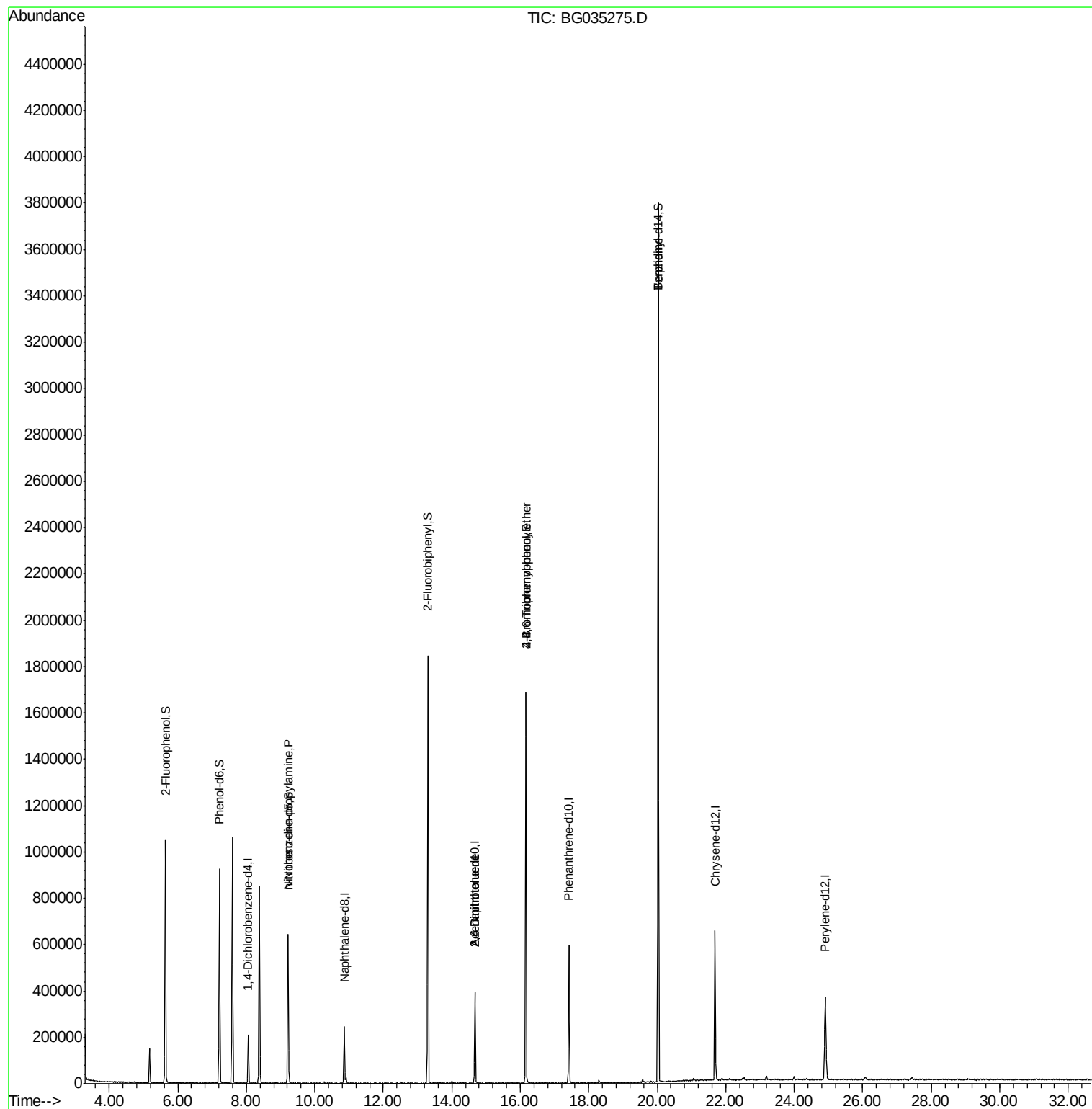
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58291	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	205767	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	136146	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	379490	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	415758	20.00	ng	-0.03
86) Perylene-d12	24.91	264	402785	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448115	129.74	ng	0.00
7) Phenol-d6	7.22	99	554921	108.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	445592	102.94	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	307624	176.51	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	971771	92.79	ng	-0.02
78) Terphenyl-d14	20.03	244	1802086	90.79	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62613	14.456	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	19239	8.883	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	19239	6.687	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	23161	5.068	ng	# 1
76) Benzidine	20.03	184	32020	2.070	ng	# 90

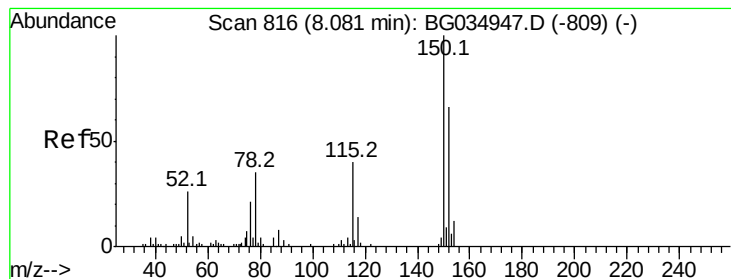
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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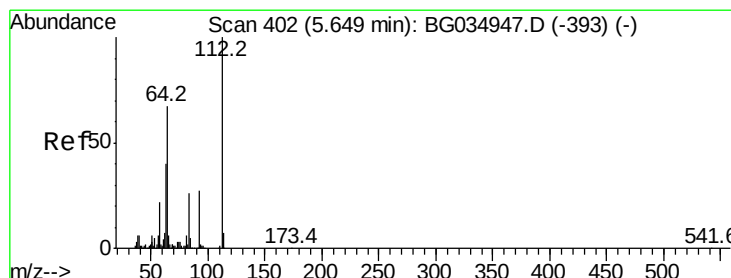
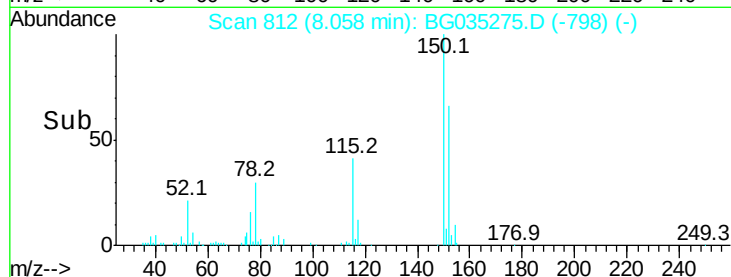
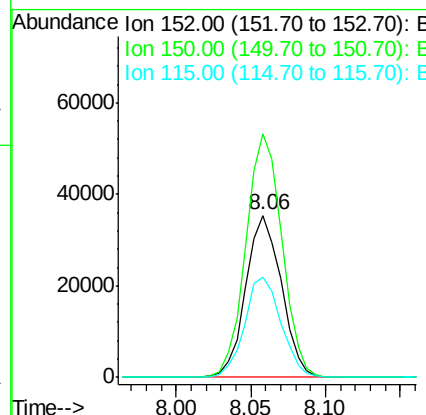
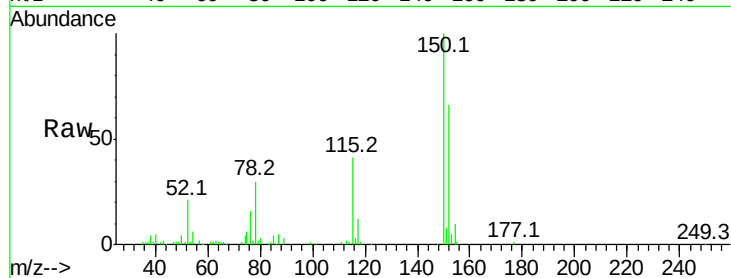


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Instrument :
BNA_G
ClientSampleId :

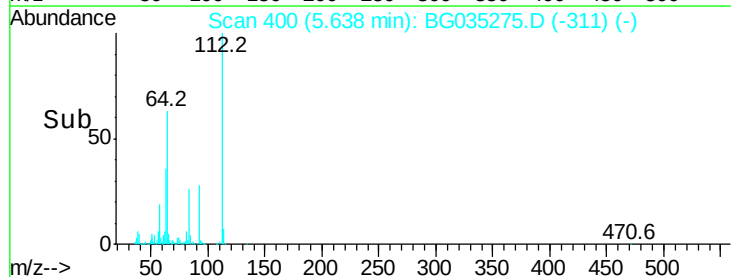
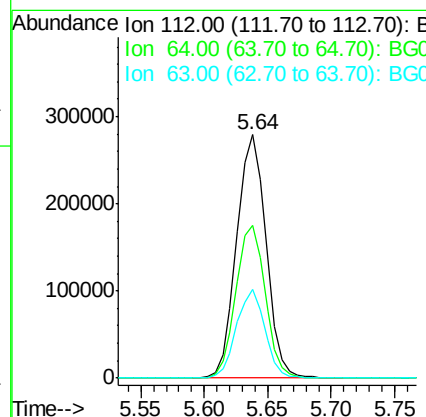
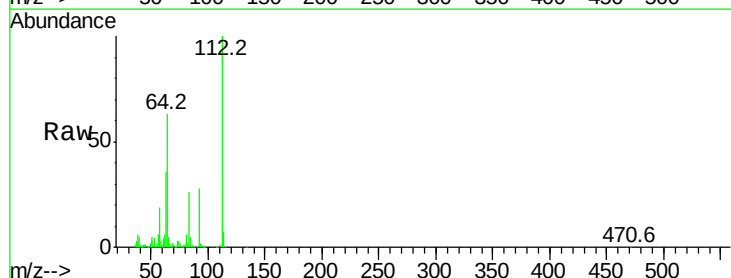
Tot Ion:152 Resp: 58291
Ion Ratio Lower Upper
152 100
150 150.6 126.6 189.8
115 61.9 53.0 79.4

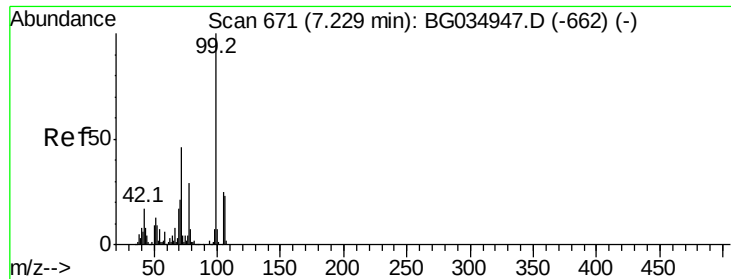


#5

2-Fluorophenol
Concen: 129.736 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Tgt Ion:112 Resp: 448115
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 108.851 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampleId :

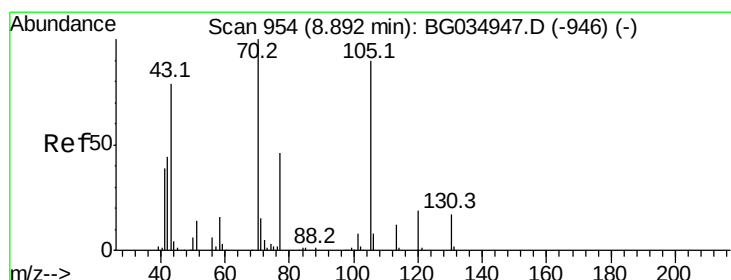
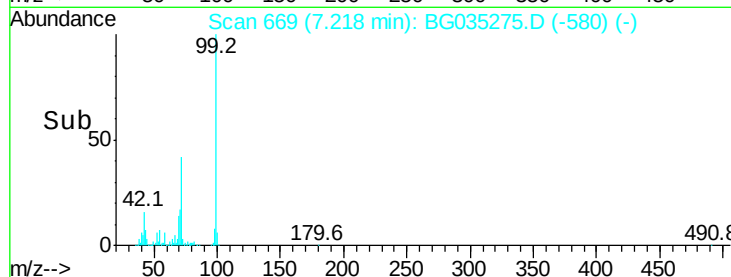
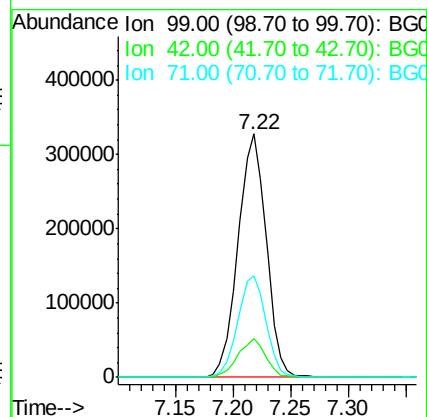
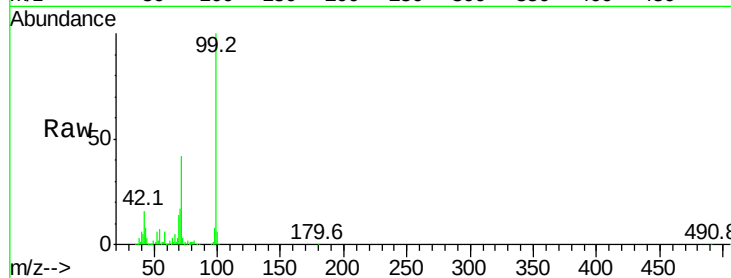
Tot Ion: 99 Resp: 554921

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 41.7 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.456 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Tgt Ion: 70 Resp: 62613

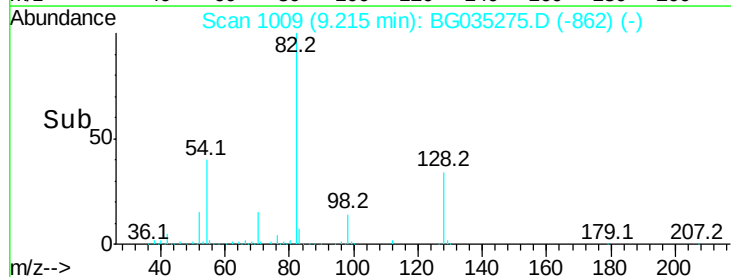
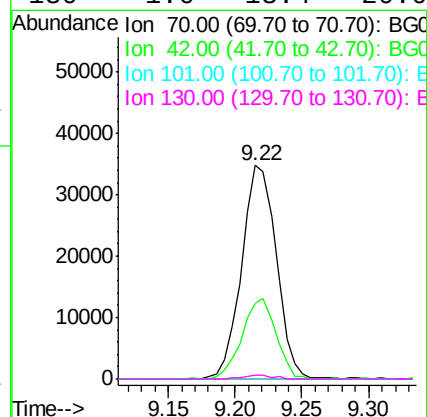
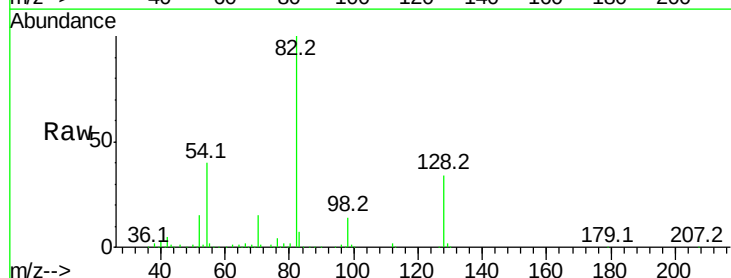
Ion Ratio Lower Upper

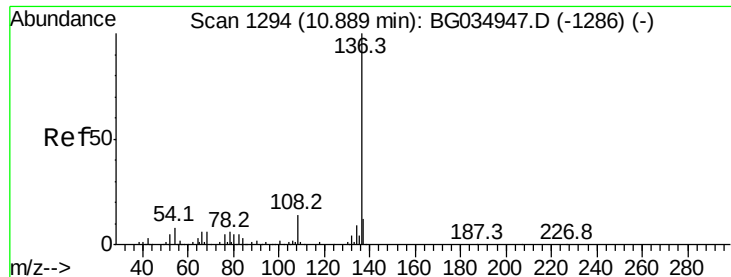
70 100

42 35.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035275.D

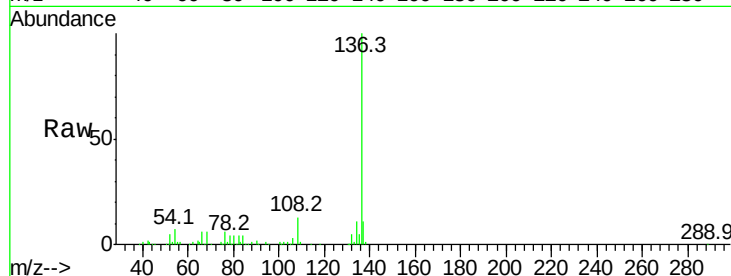
Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	136	Resp:	205767
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.7	10.3	15.5#
68	5.7	4.5	6.7

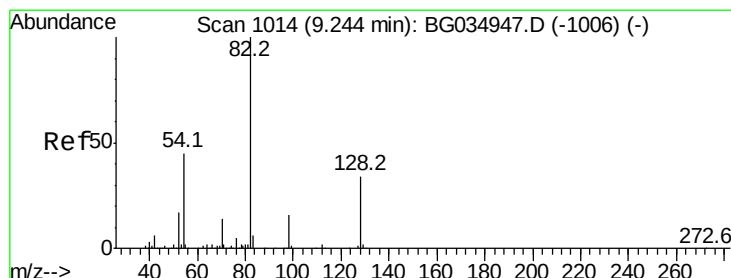
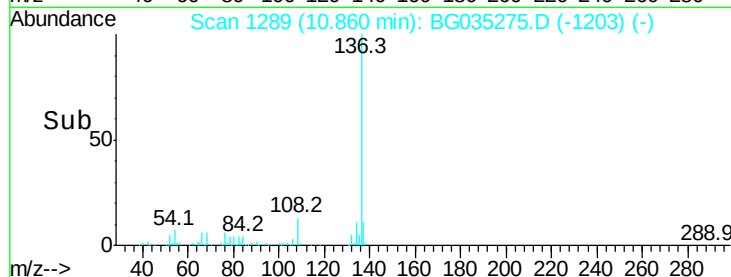
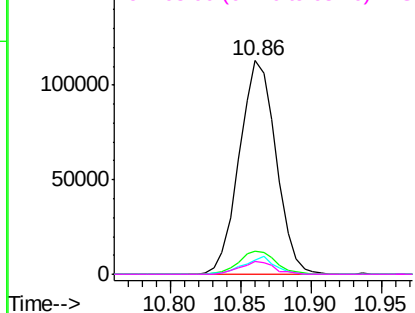


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.936 ng

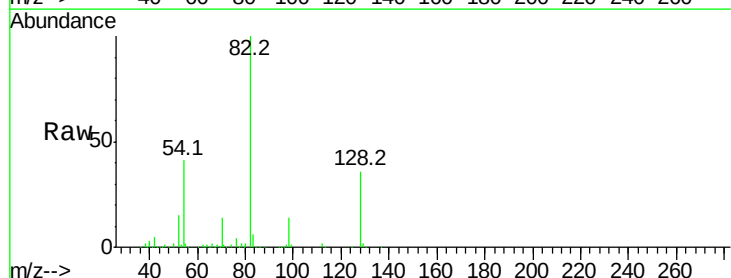
RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

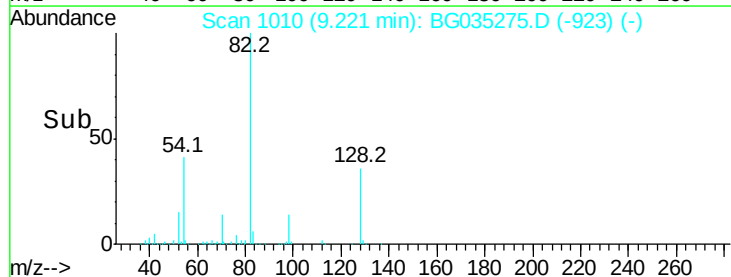
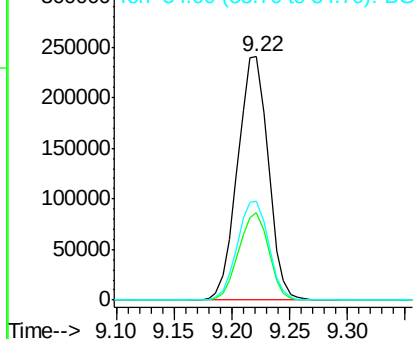
Tgt Ion:	82	Resp:	445592
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	40.7	43.1	64.7#

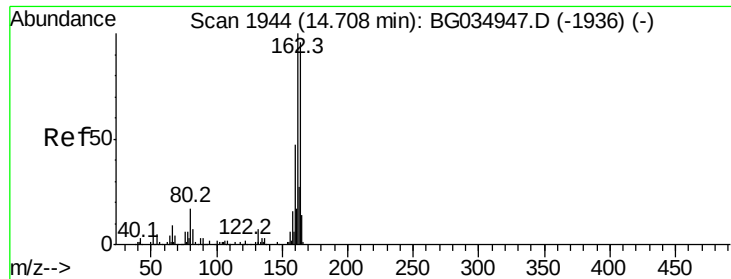


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

Instrument :

BNA_G

ClientSampled :

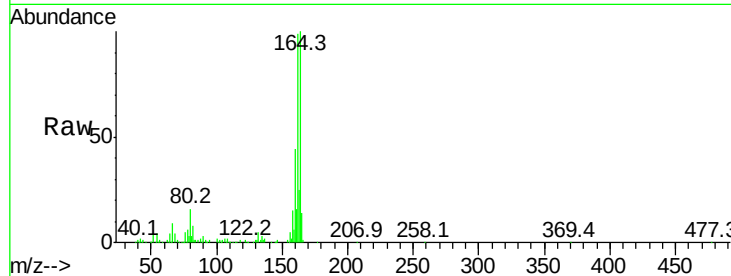
Tot Ion:164 Resp: 136146

Ion Ratio Lower Upper

164 100

162 99.5 78.8 118.2

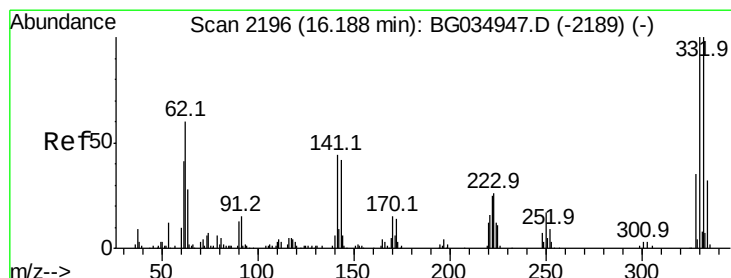
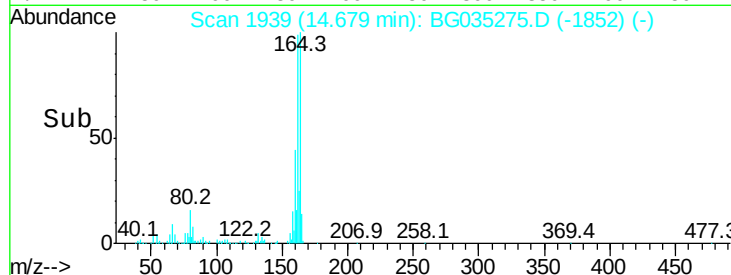
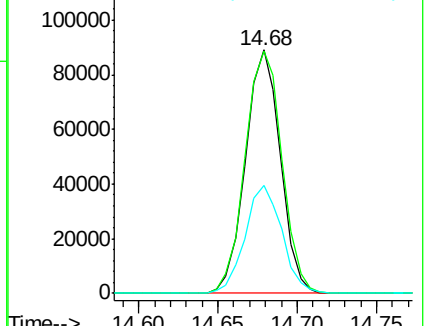
160 44.2 35.4 53.0



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: 176.507 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035275.D

Acq: 20 Jun 2018 20:52

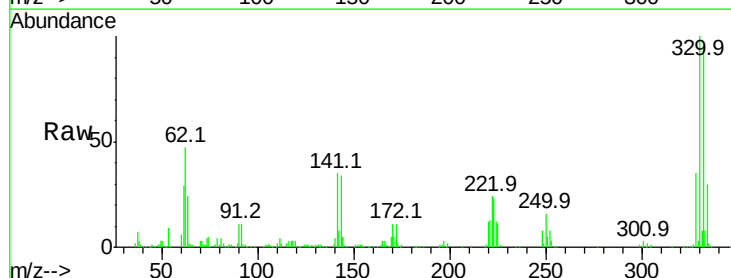
Tgt Ion:330 Resp: 307624

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

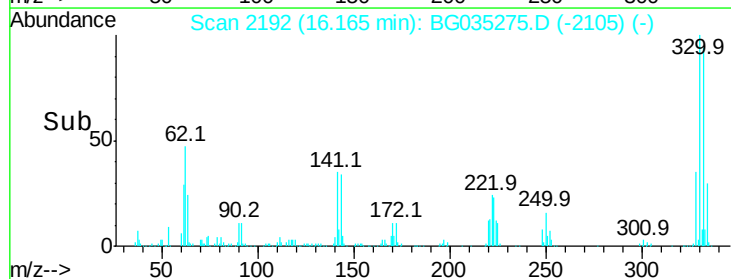
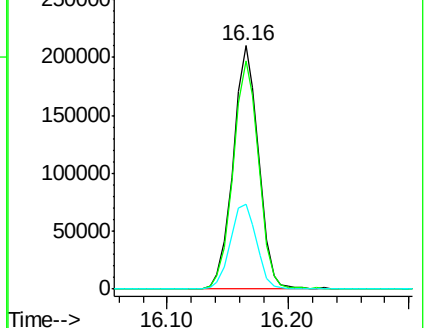
141 36.2 25.2 37.8

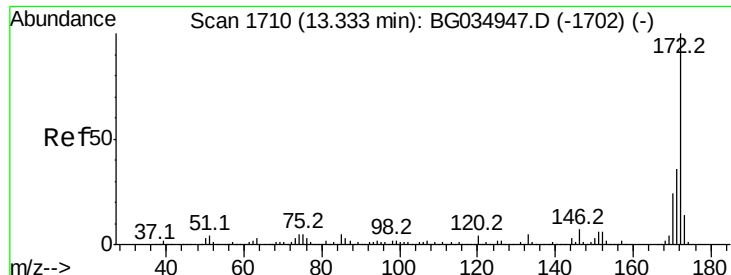


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

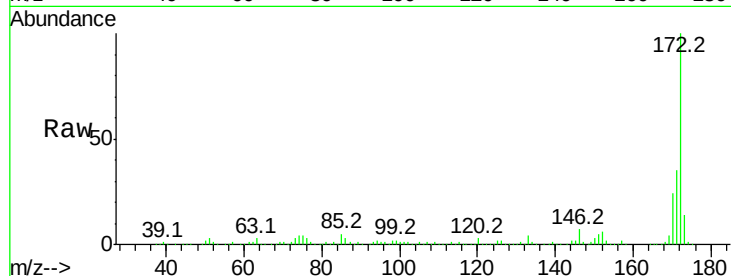




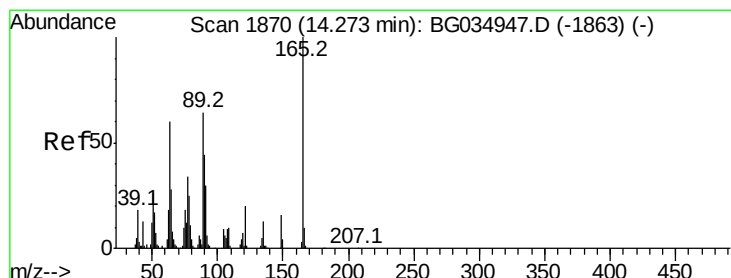
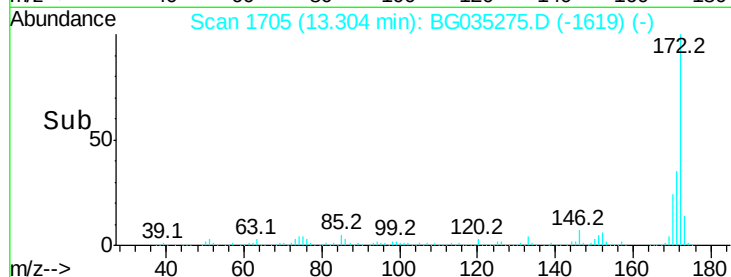
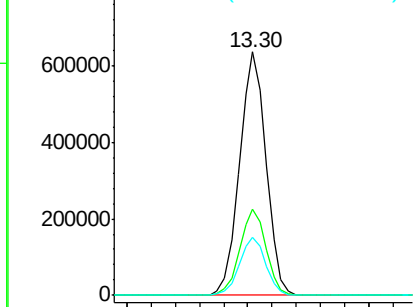
#44
 2-Fluorobiphenyl
 Concen: 92.790 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.9	19.5	29.3

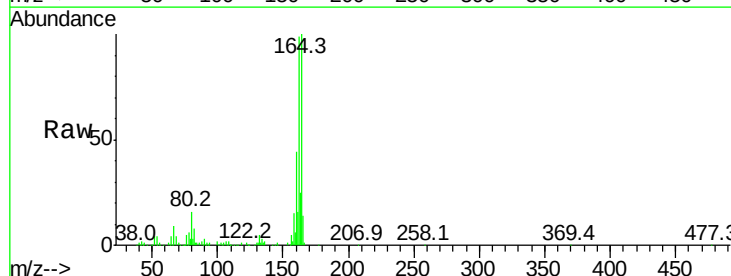


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

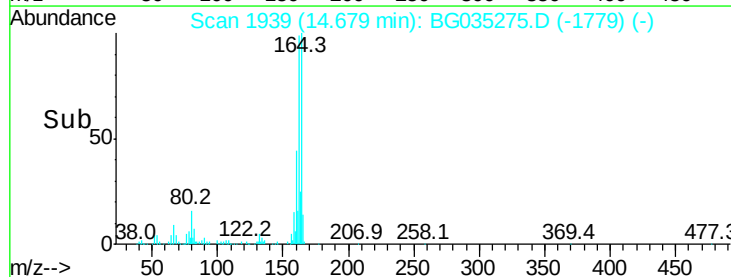
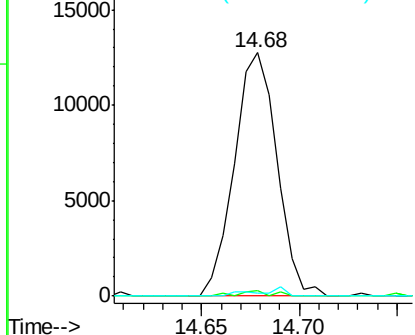


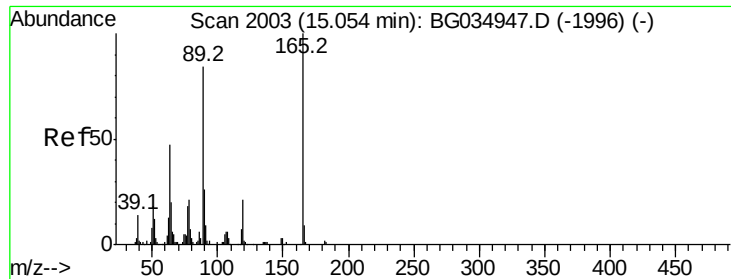
#50
 2,6-Dinitrotoluene
 Concen: 8.883 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	52.7	79.1#
89	1.3	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

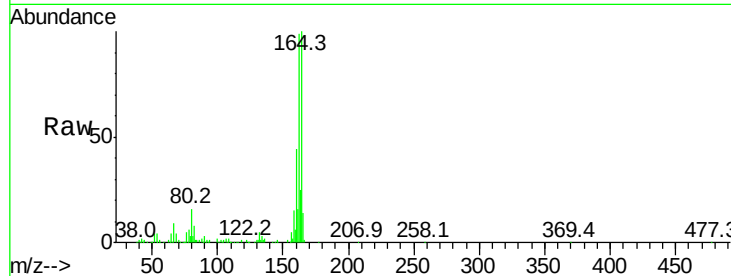




#56
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#



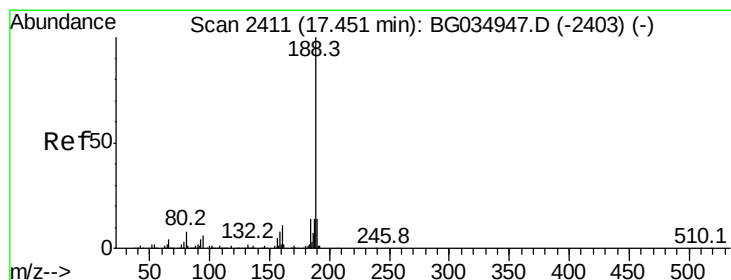
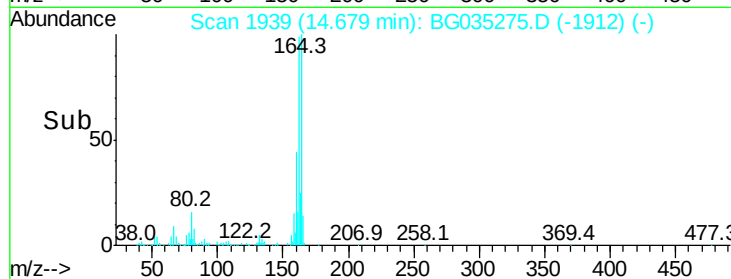
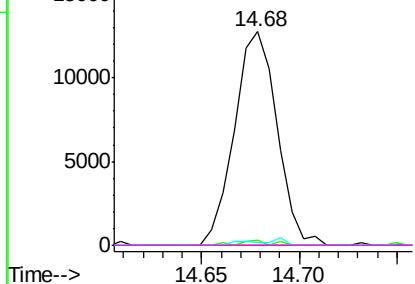
Abundance Ion 165.00 (164.70 to 165.70): E

20000

Ion 63.00 (62.70 to 63.70): BGC

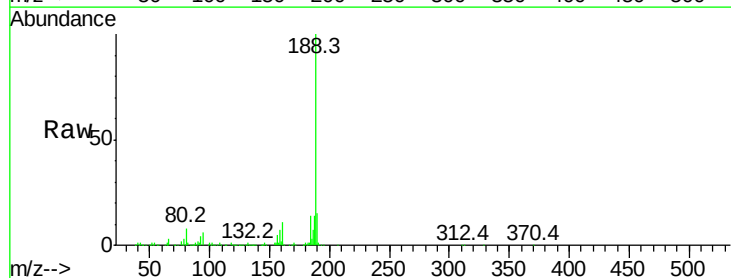
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	8.2	7.7	11.5

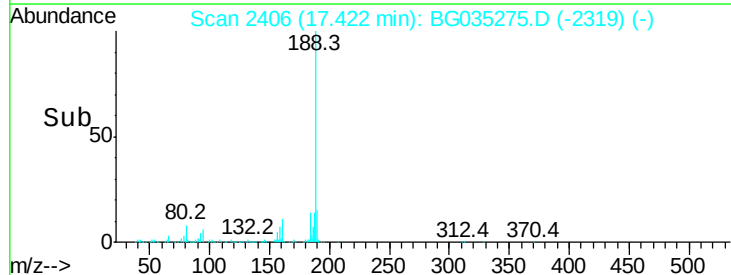
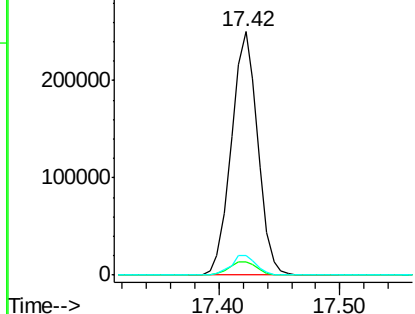


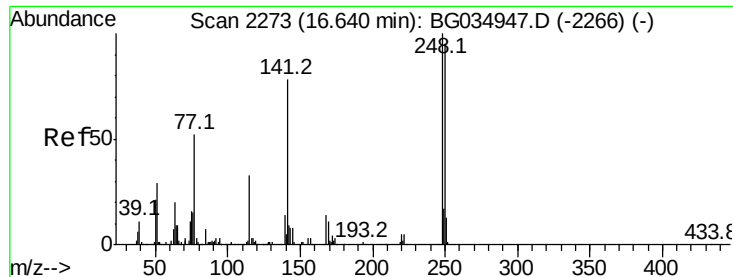
Abundance Ion 188.00 (187.70 to 188.70): E

300000

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

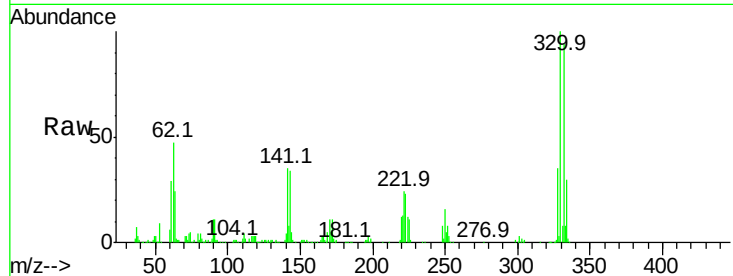




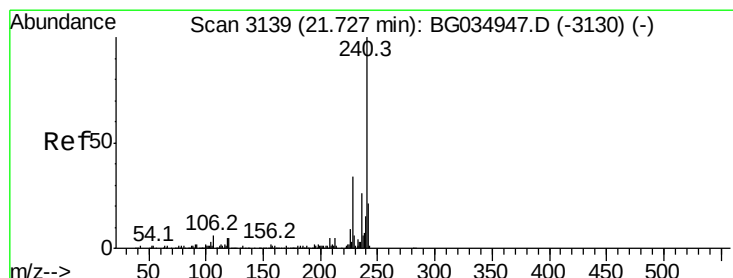
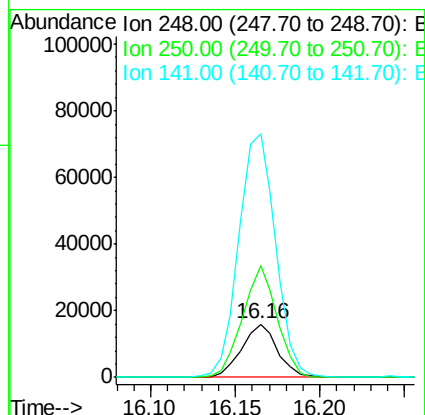
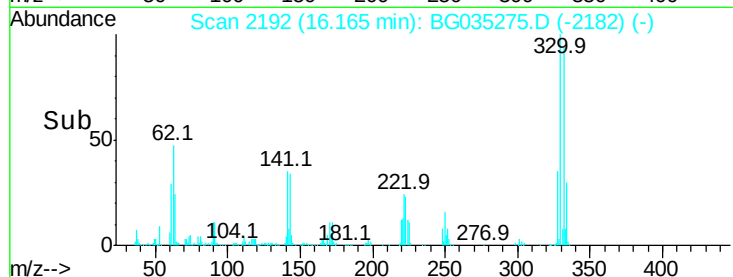
#66
 4-Bromophenyl-phenylether
 Concen: 5.068 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 23161
 Ion Ratio Lower Upper
 248 100
 250 211.7 77.1 115.7#
 141 459.6 50.8 76.2#

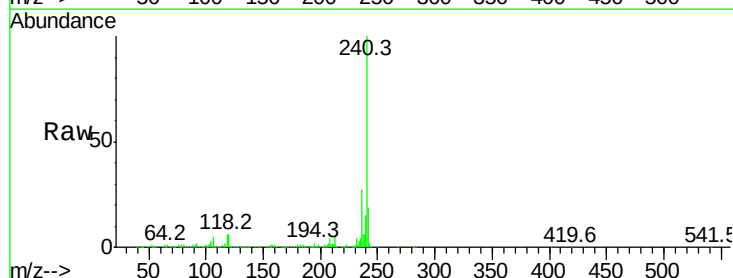


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

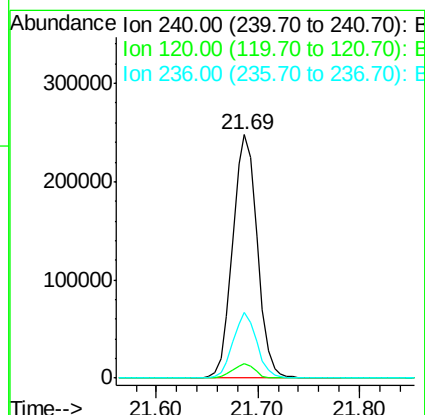
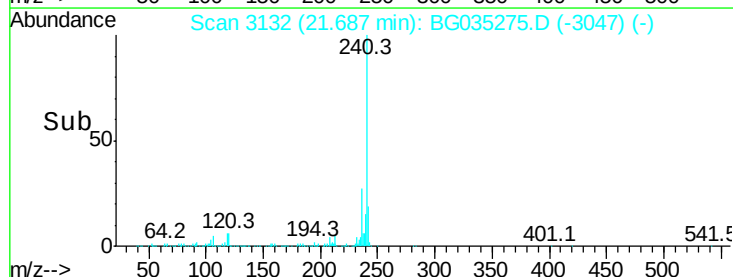


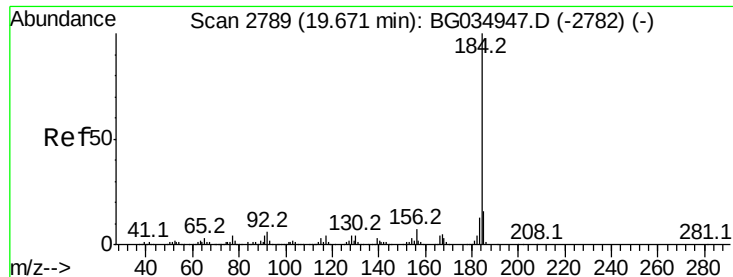
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

Tgt Ion:240 Resp: 415758
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 27.2 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

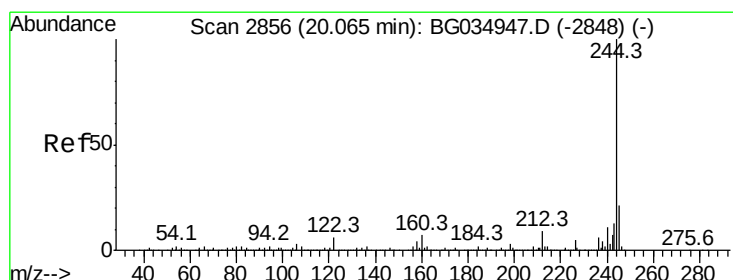
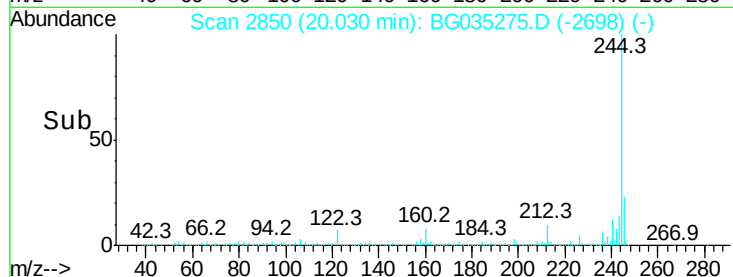
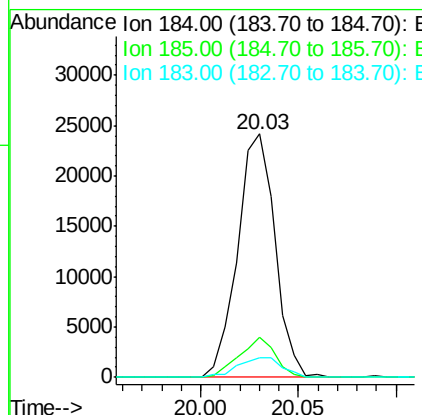
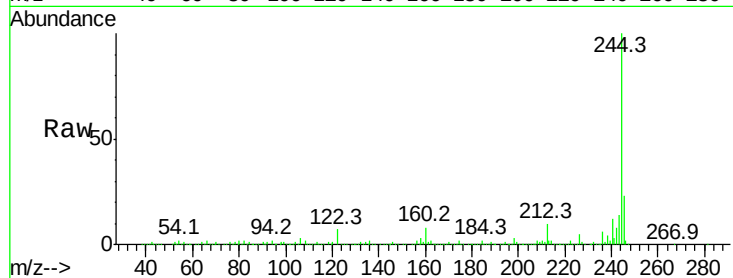




#76
Benzidine
Concen: 2.070 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

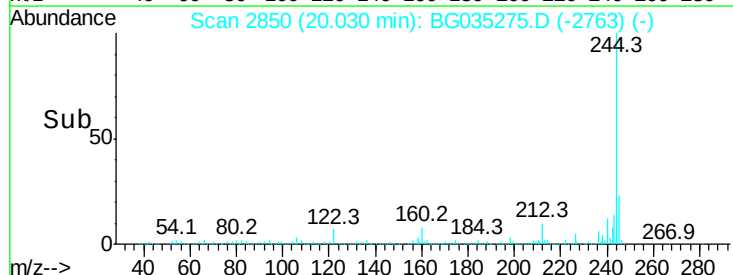
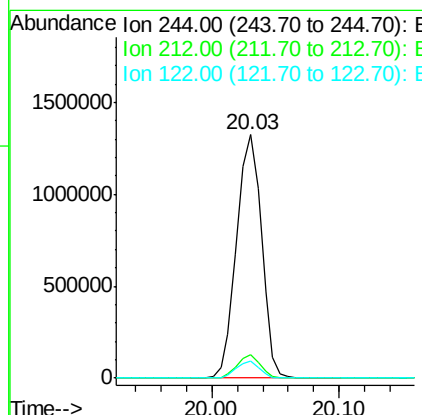
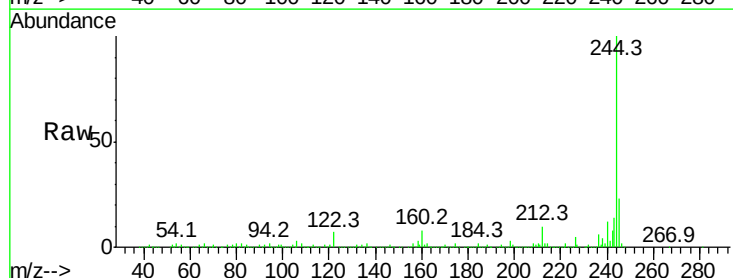
Instrument :
BNA_G
ClientSampleId :

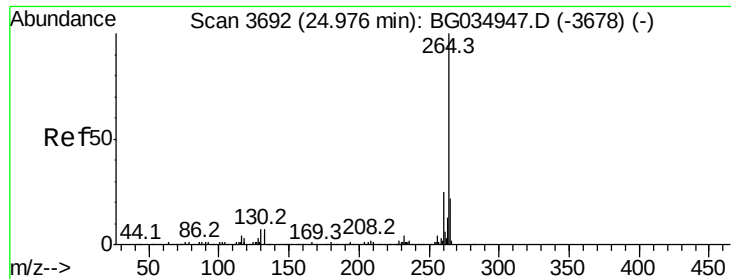
Tot Ion:184 Resp: 32020
Ion Ratio Lower Upper
184 100
185 16.6 11.1 16.7
183 7.9 10.6 16.0#



#78
Terphenyl-d14
Concen: 90.793 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035275.D
Acq: 20 Jun 2018 20:52

Tgt Ion:244 Resp: 1802086
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.8#
122 7.0 7.0 10.4#

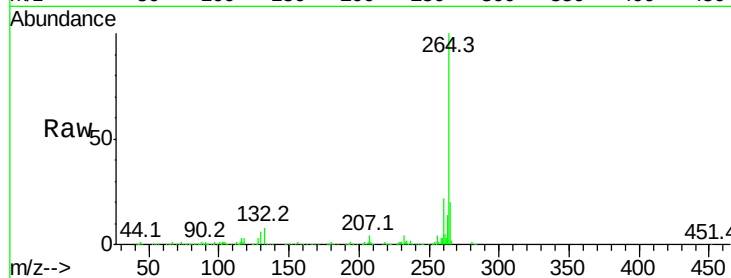




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035275.D
 Acq: 20 Jun 2018 20:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	19.8	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

