

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
 Data File : BG035276.D
 Acq On : 20 Jun 2018 21:31
 Operator : SJ/JU
 Sample : J3498-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 03:58:31 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

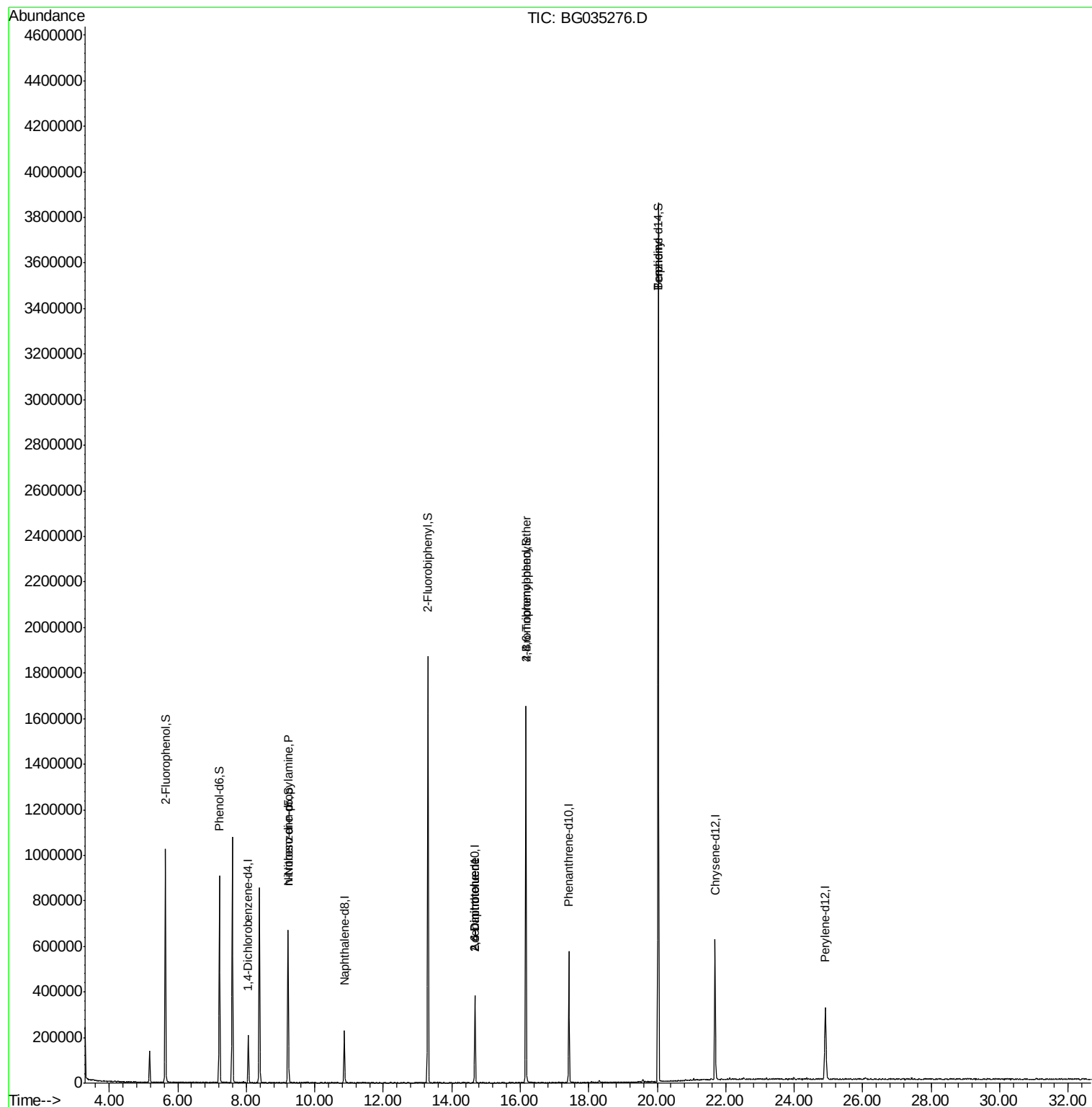
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57124	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	193851	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	132119	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	358151	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	393548	20.00	ng	-0.03
86) Perylene-d12	24.91	264	372557	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	431640	127.52	ng	0.00
7) Phenol-d6	7.22	99	537169	107.52	ng	0.00
23) Nitrobenzene-d5	9.22	82	453601	111.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	311083	183.93	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	991823	97.59	ng	-0.02
78) Terphenyl-d14	20.03	244	1797912	95.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	62809	14.798	ng	# 66
50) 2,6-Dinitrotoluene	14.68	165	17967	8.548	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	17967	6.435	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	25142	5.829	ng	# 1
76) Benzidine	20.03	184	30929	2.112	ng	96

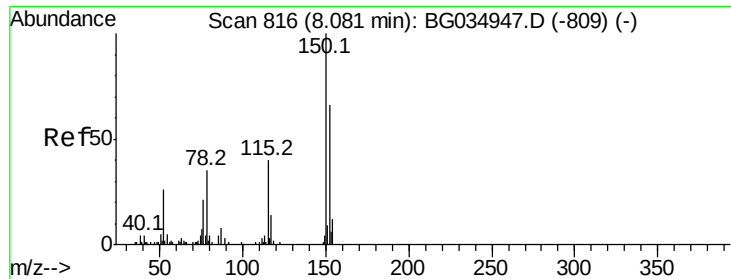
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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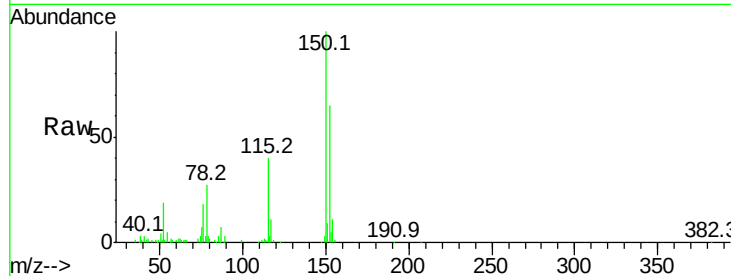


#1

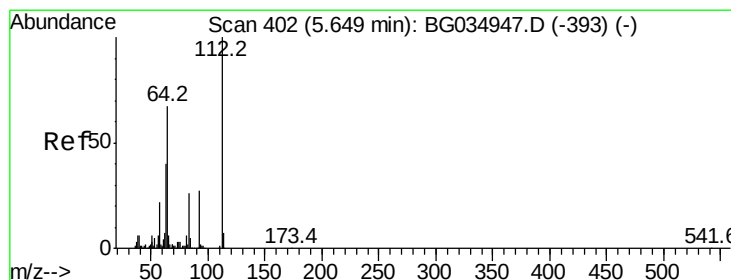
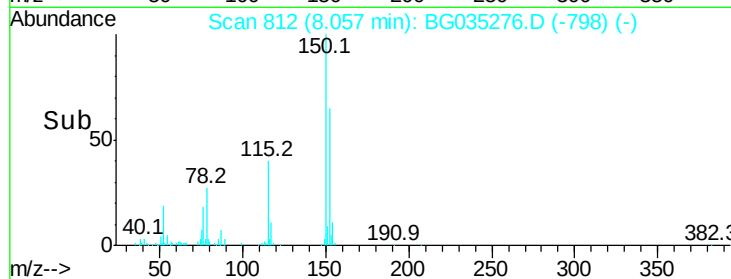
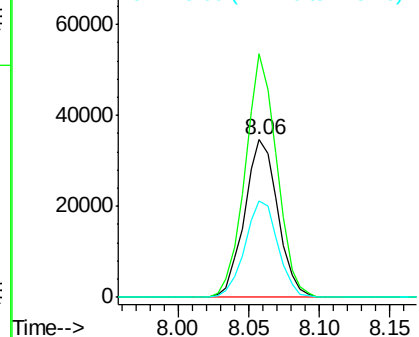
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	61.6	53.0	79.4



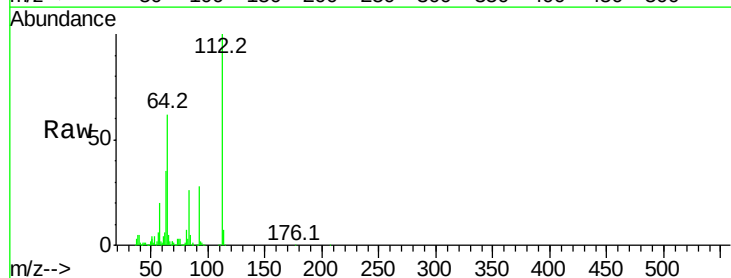
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



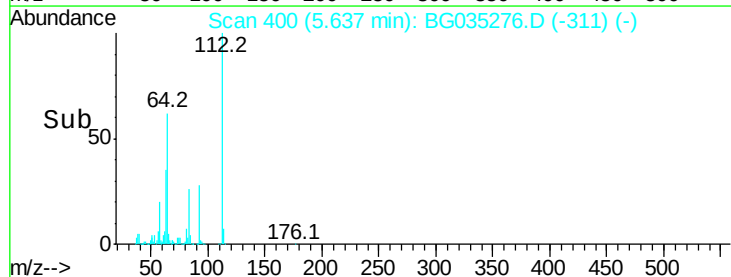
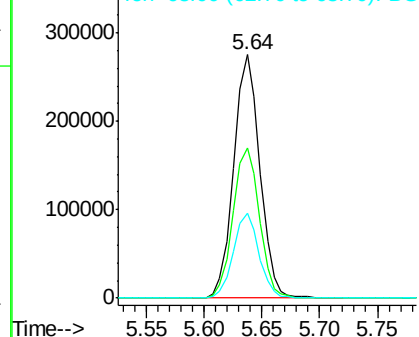
#5

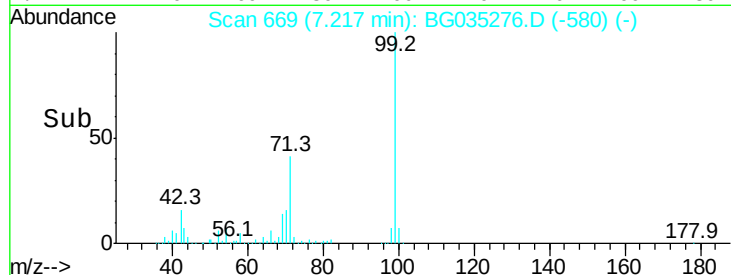
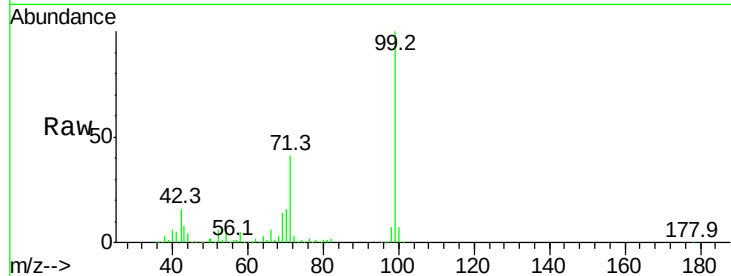
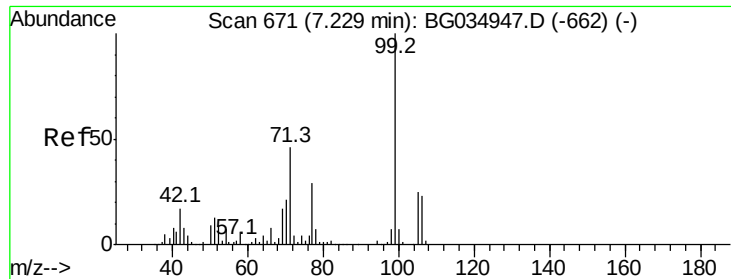
2-Fluorophenol
Concen: 127.519 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	34.9	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: 107.521 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035276.D

Acq: 20 Jun 2018 21:31

Instrument :

BNA_G

ClientSampleId :

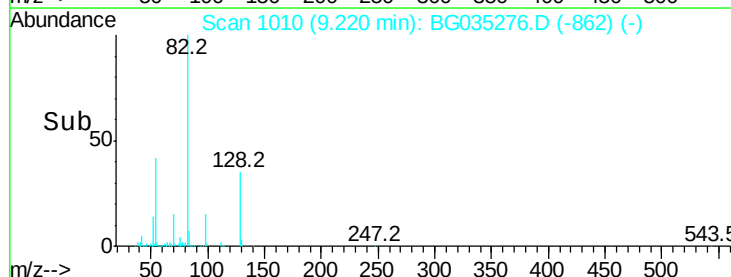
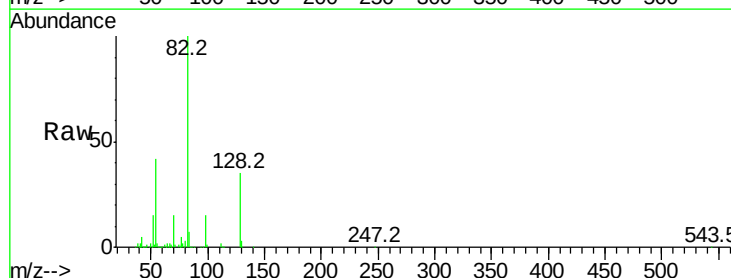
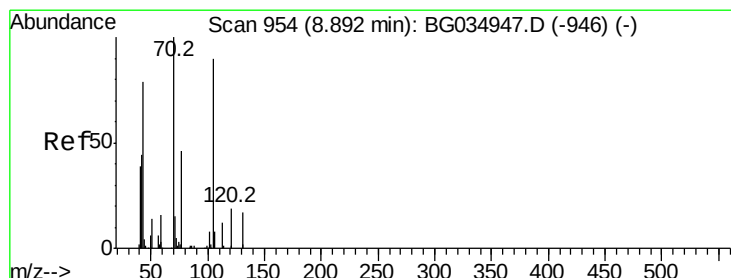
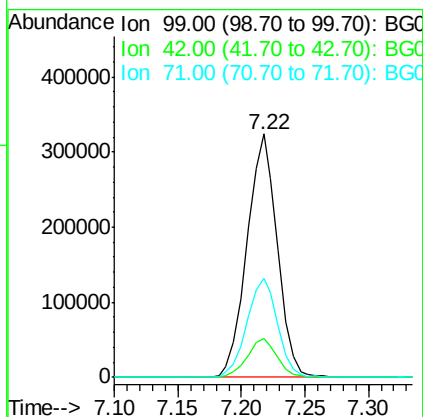
Tot Ion: 99 Resp: 537169

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 40.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.798 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035276.D

Acq: 20 Jun 2018 21:31

Tgt Ion: 70 Resp: 62809

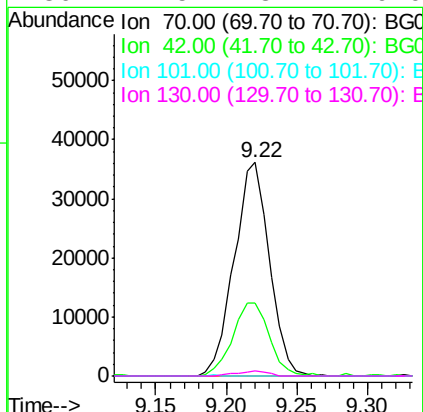
Ion Ratio Lower Upper

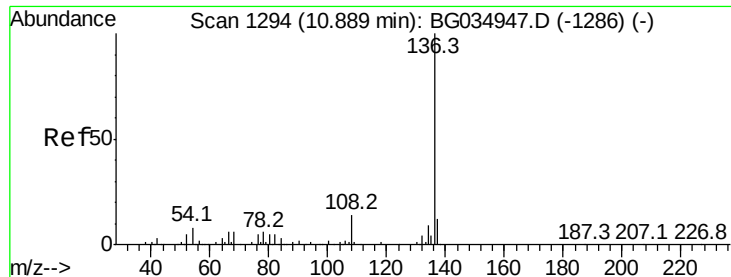
70 100

42 34.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 13.4 20.0#

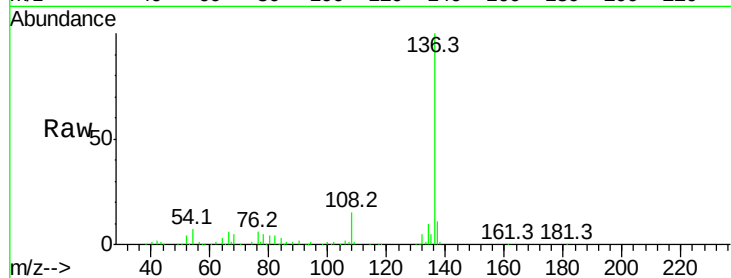




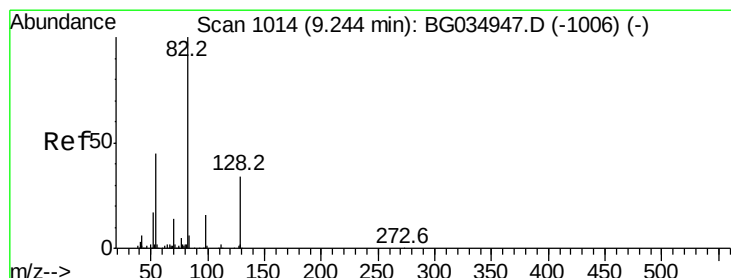
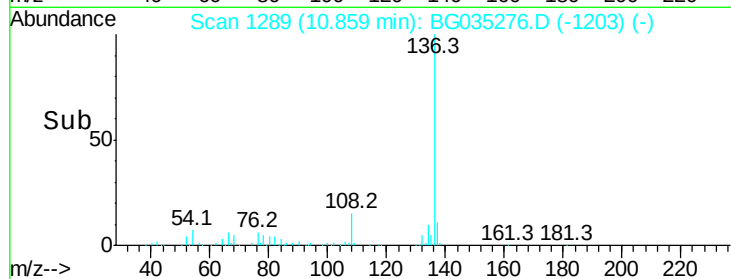
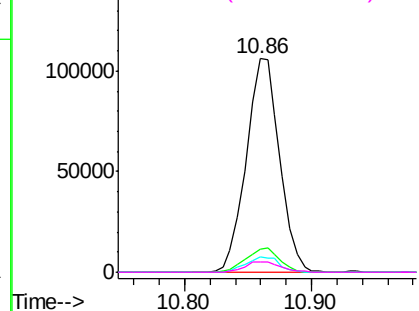
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	193851
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.2	10.3 15.5#
68	5.0	4.5 6.7

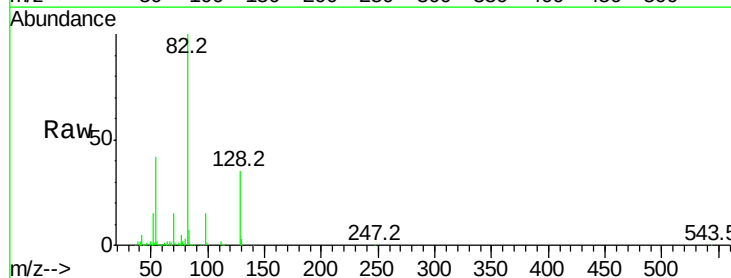


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

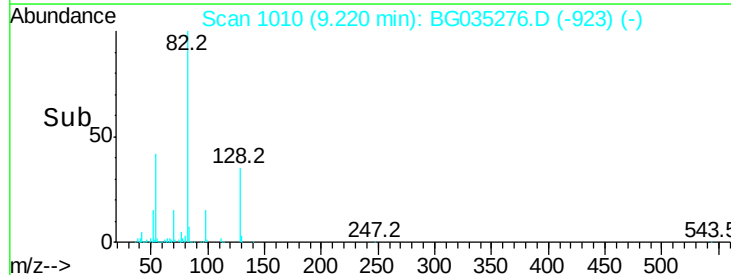
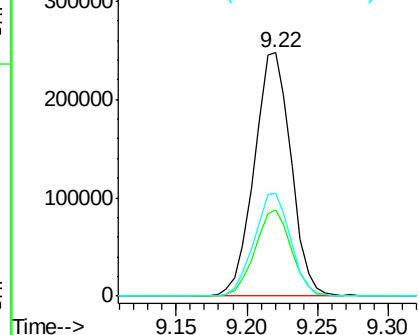


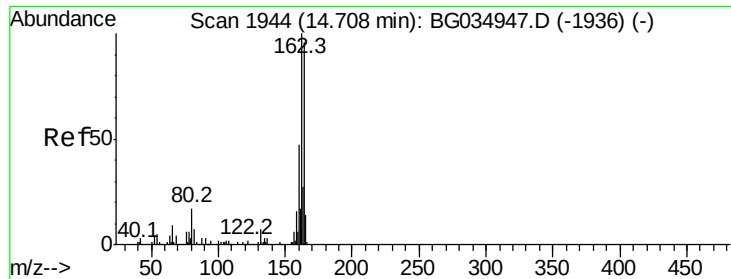
#23
Nitrobenzene-d5
Concen: 111.228 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Tgt Ion: 82	Resp:	453601
Ion Ratio	Lower	Upper
82	100	
128	35.4	29.7 44.5
54	42.4	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: BG035276.D

Acq: 20 Jun 2018 21:31

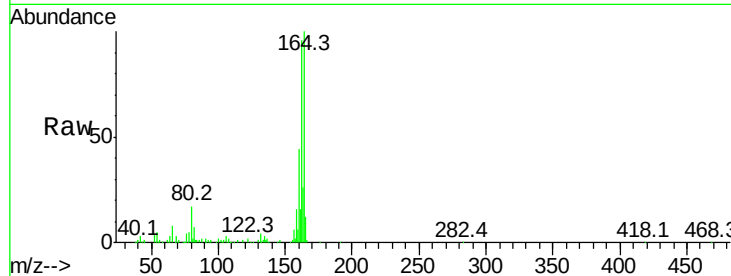
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 132119

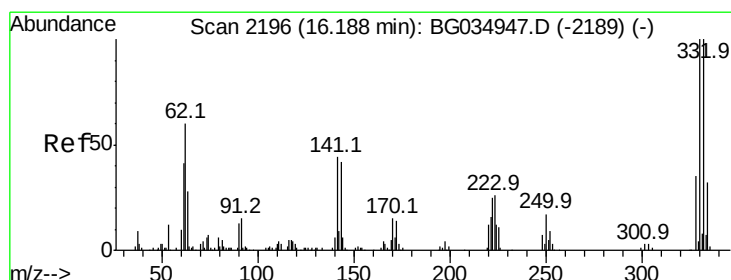
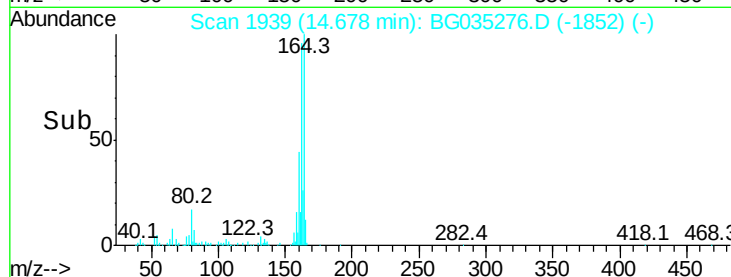
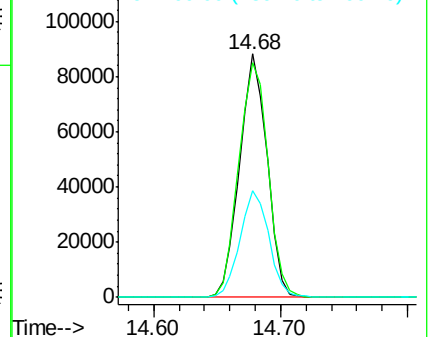
Ion	Ratio	Lower	Upper
164	100		
162	96.4	78.8	118.2
160	43.8	35.4	53.0



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: 183.932 ng

RT: 16.16 min Scan# 2192

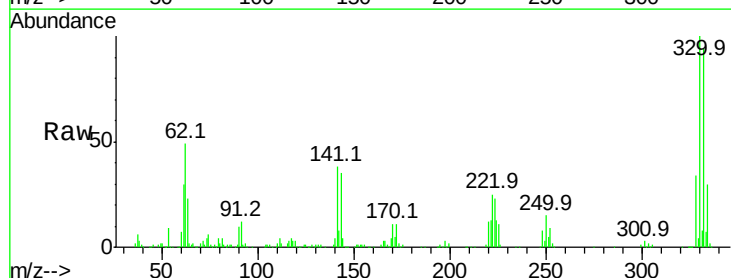
Delta R.T. -0.02 min

Lab File: BG035276.D

Acq: 20 Jun 2018 21:31

Tgt Ion:330 Resp: 311083

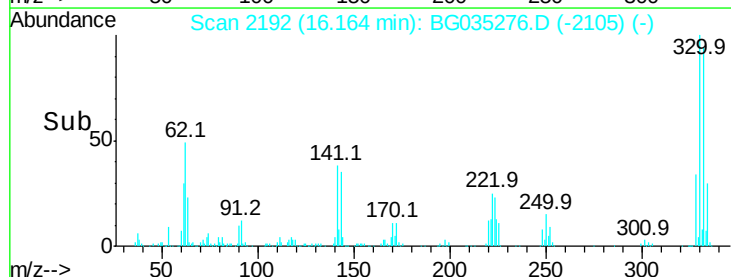
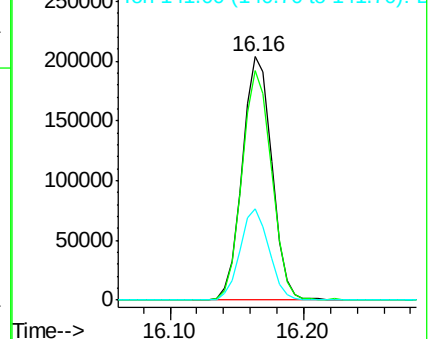
Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	37.0	25.2	37.8

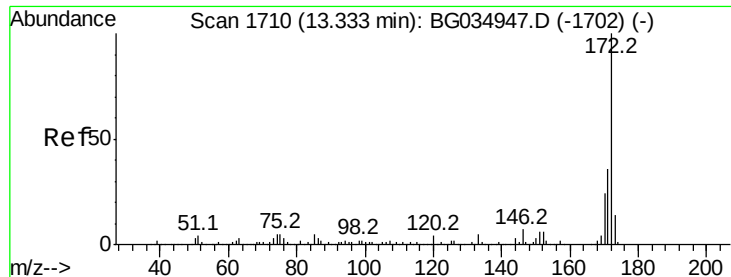


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

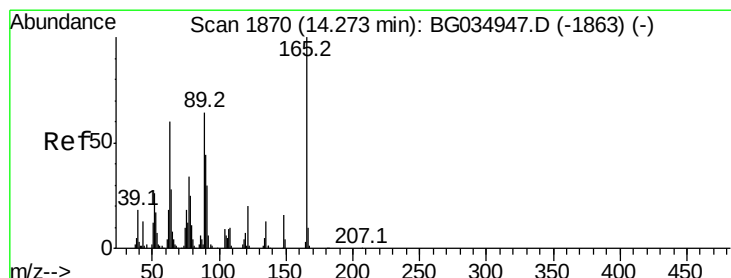
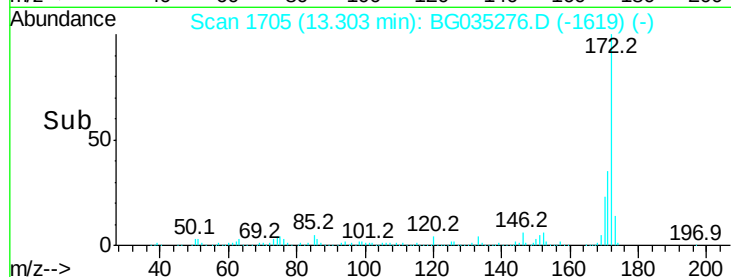
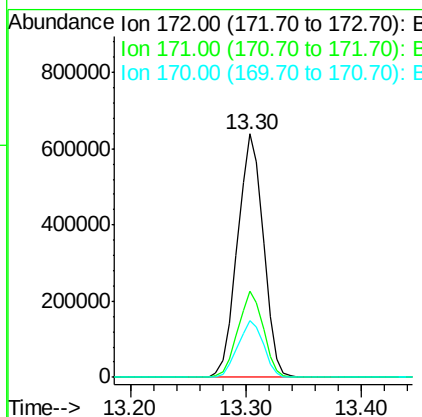
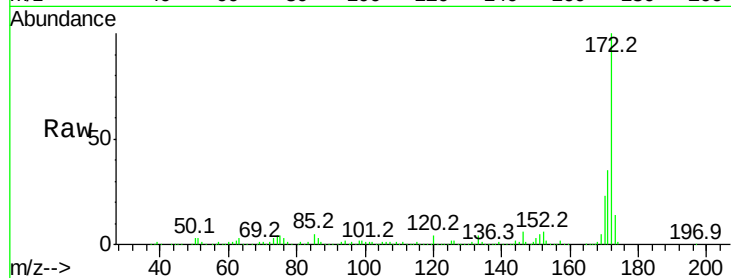




#44
2-Fluorobiphenyl
Concen: 97.591 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

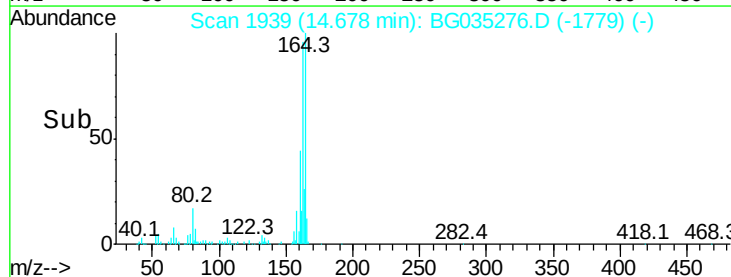
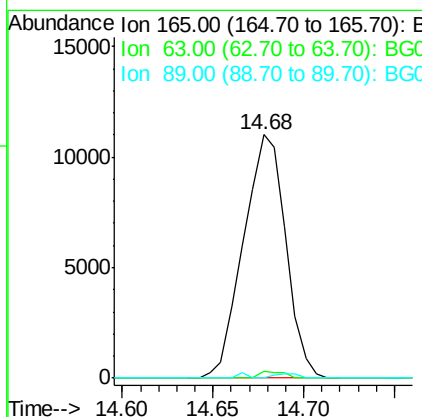
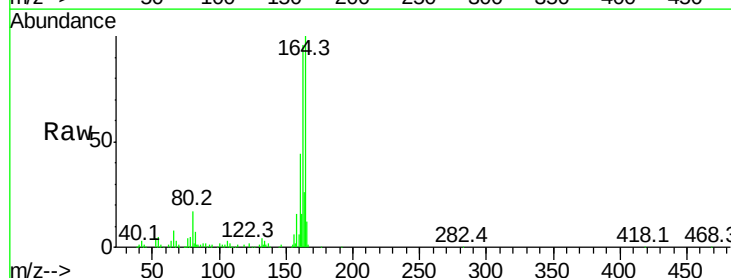
Instrument :
BNA_G
ClientSampleId :

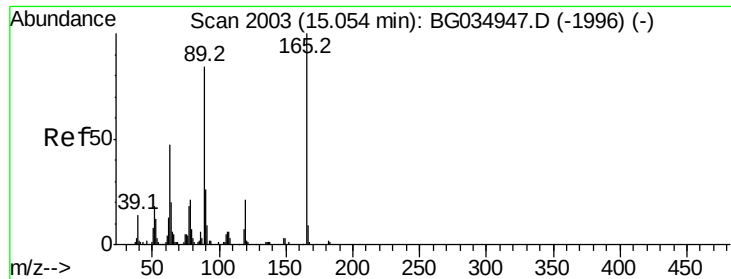
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.1	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 8.548 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	0.0	49.2	73.8#

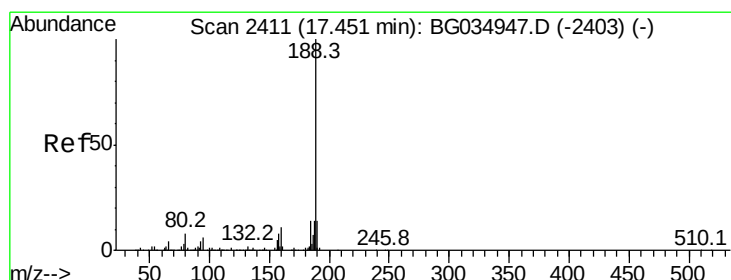
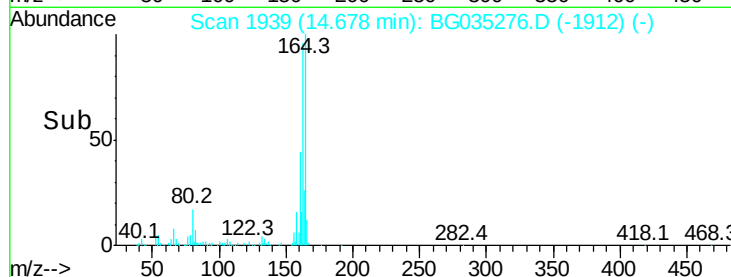
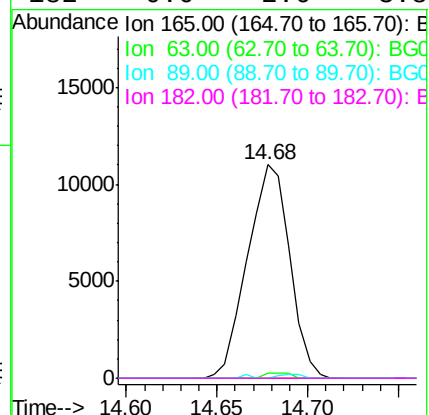
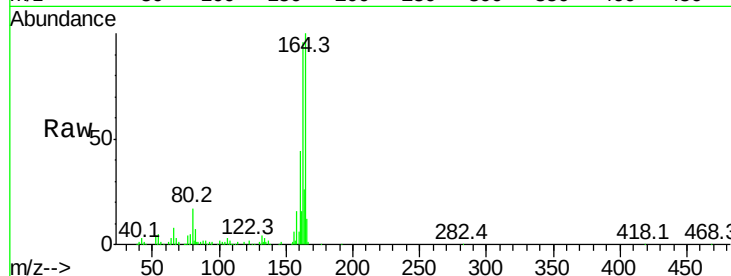




#56
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

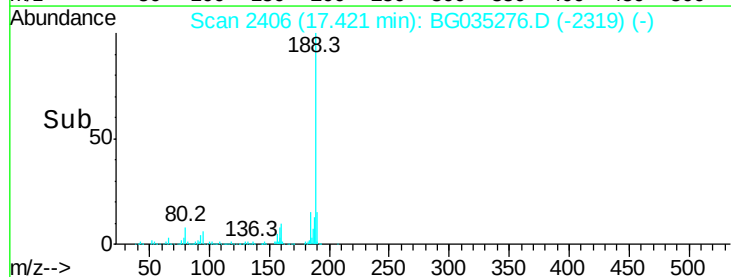
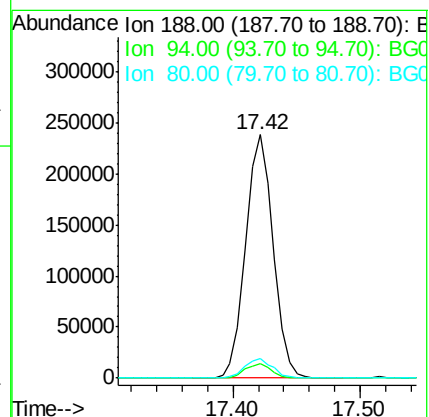
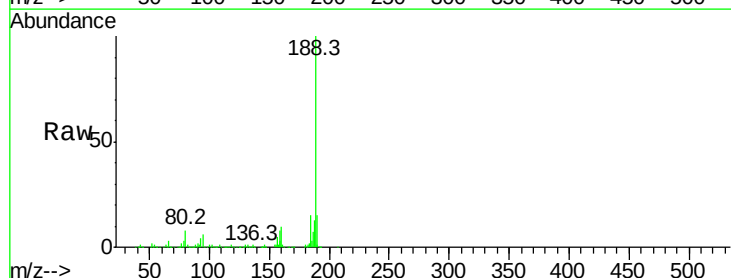
Instrument :
BNA_G
ClientSampleId :

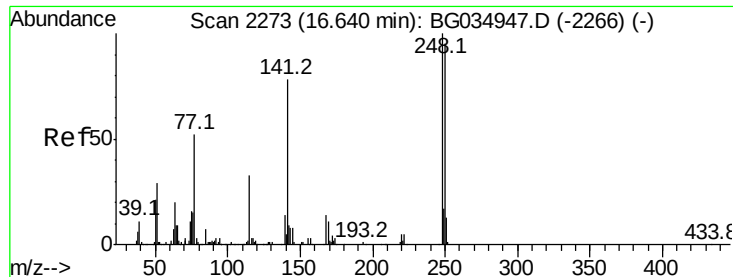
Tot Ion:165 Resp: 17967
Ion Ratio Lower Upper
165 100
63 2.6 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Tgt Ion:188 Resp: 358151
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.9 7.7 11.5

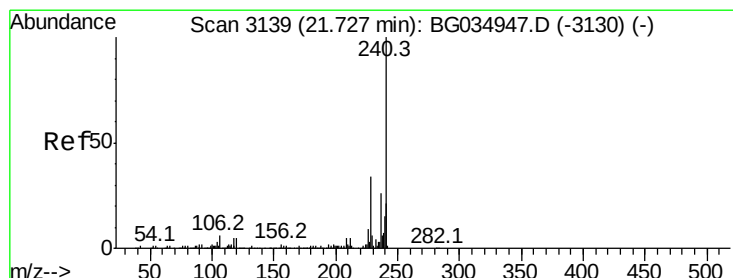
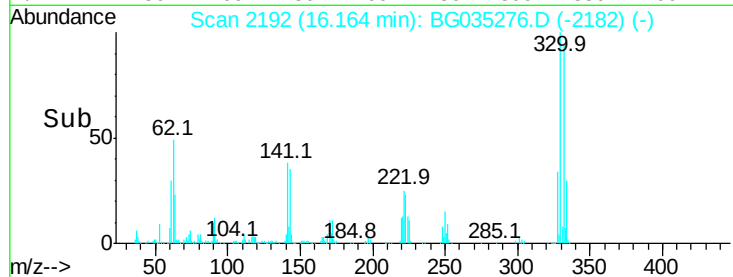
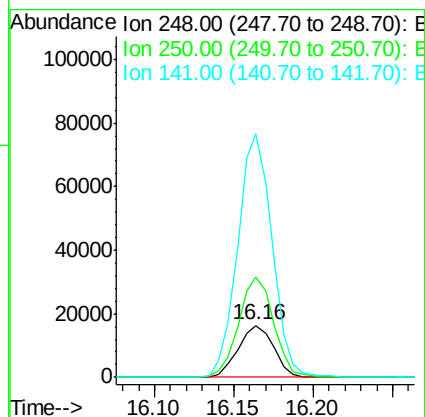
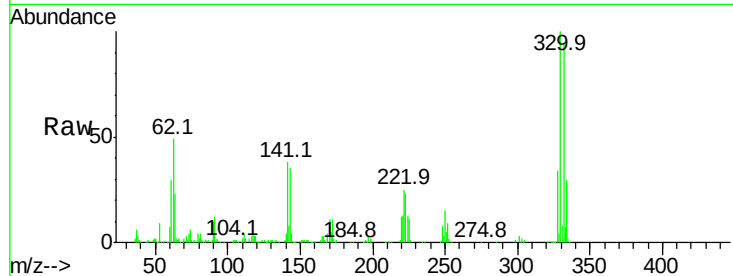




#66
 4-Bromophenyl-phenylether
 Concen: 5.829 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

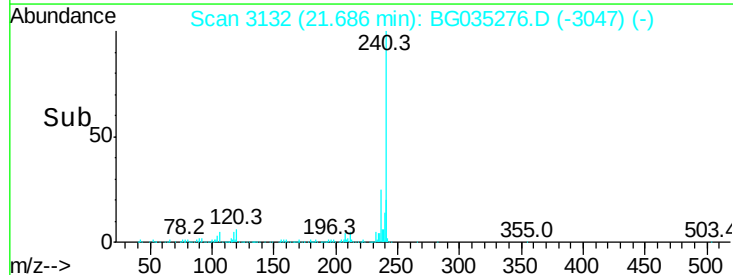
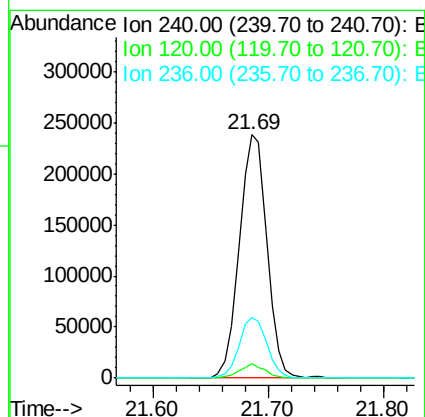
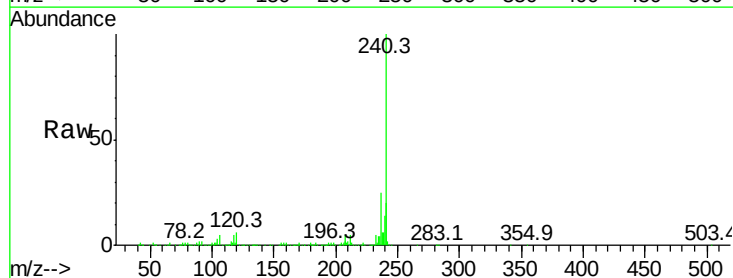
Instrument :
 BNA_G
 ClientSampled :

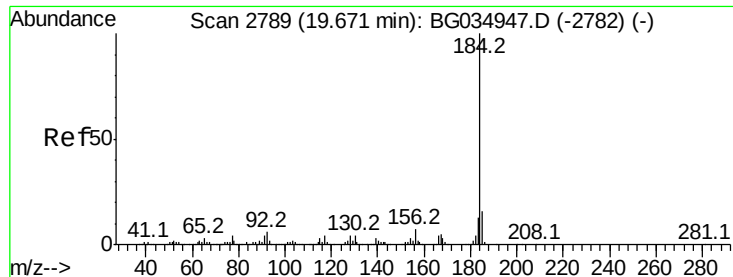
Tot Ion:248 Resp: 25142
 Ion Ratio Lower Upper
 248 100
 250 192.8 77.1 115.7#
 141 468.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035276.D
 Acq: 20 Jun 2018 21:31

Tgt Ion:240 Resp: 393548
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 25.0 20.9 31.3

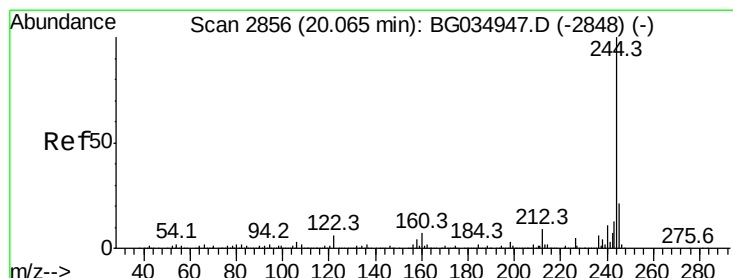
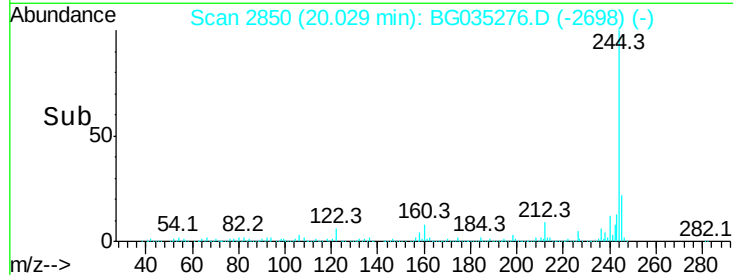
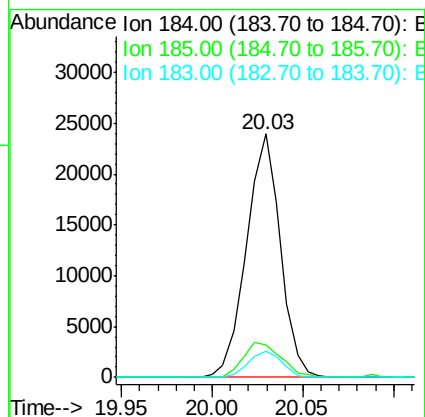
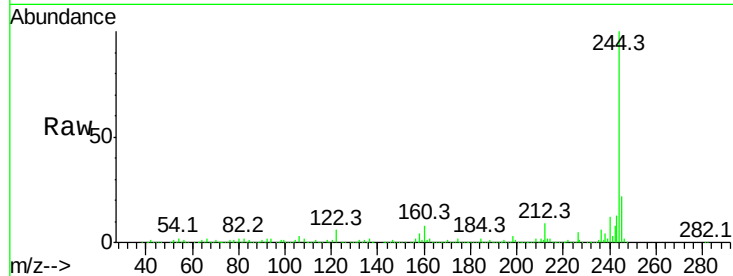




#76
Benzidine
Concen: 2.112 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

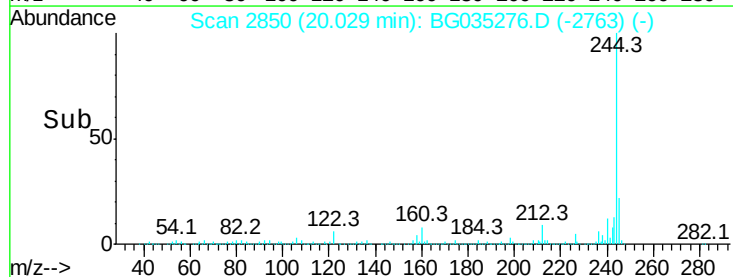
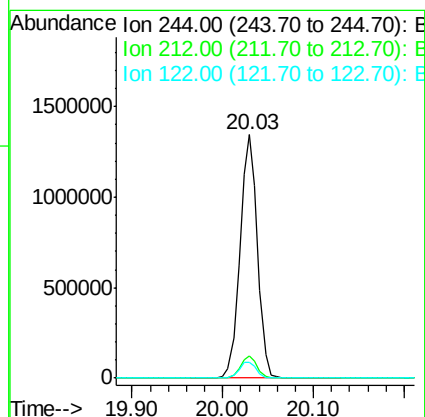
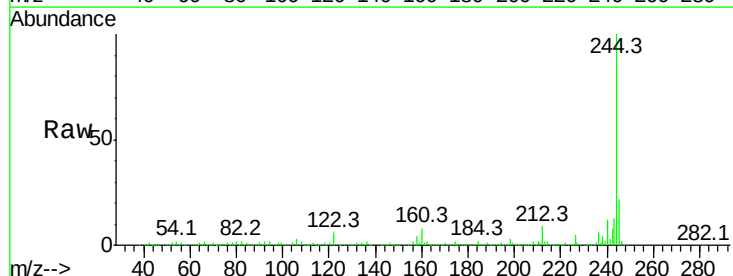
Instrument :
BNA_G
ClientSampleId :

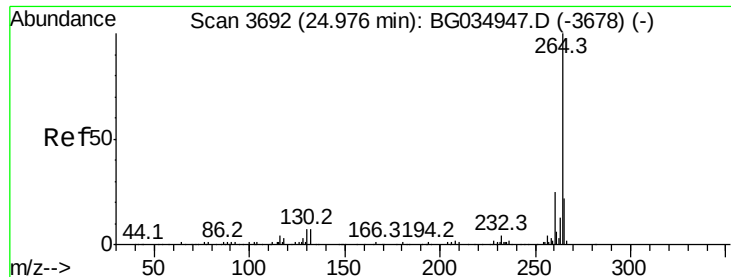
Tot Ion:184 Resp: 30929
Ion Ratio Lower Upper
184 100
185 13.3 11.1 16.7
183 10.7 10.6 16.0



#78
Terphenyl-d14
Concen: 95.695 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035276.D
Acq: 20 Jun 2018 21:31

Tgt Ion:244 Resp: 1797912
Ion Ratio Lower Upper
244 100
212 9.4 5.8 8.8#
122 6.3 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: BG035276.D
Acq: 20 Jun 2018 21:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	19.8	17.7	26.5

