

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038367.D
 Acq On : 5 Dec 2018 20:27
 Operator : JU/SJ
 Sample : J6151-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-D-M

Quant Time: Dec 06 04:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

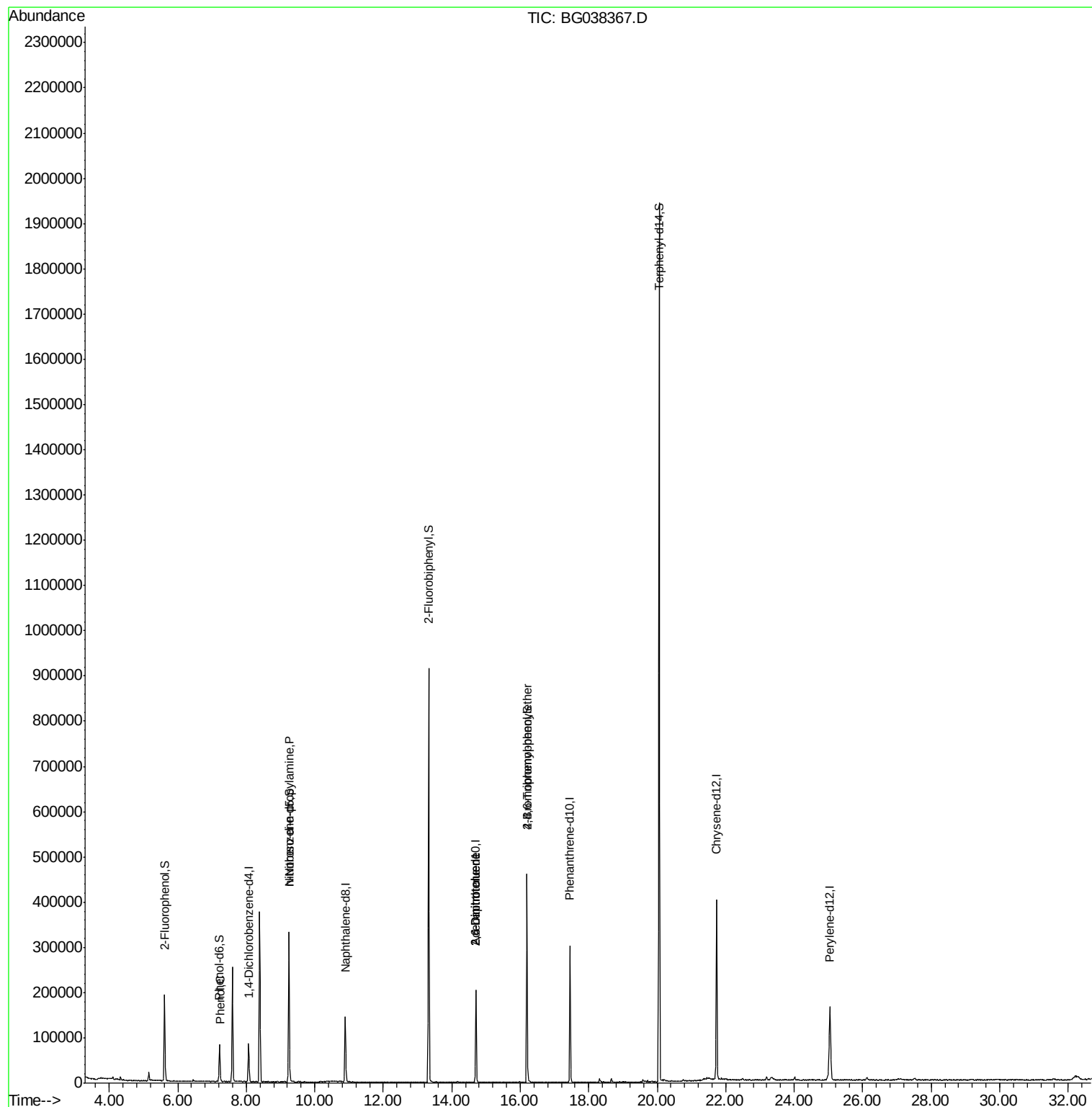
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24757	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	142388	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75671	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	198378	20.00	ng	0.00
76) Chrysene-d12	21.73	240	246320	20.00	ng	-0.01
87) Perylene-d12	25.04	264	197047	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	86963	62.16	ng	0.00
7) Phenol-d6	7.22	99	50914	25.18	ng	0.00
23) Nitrobenzene-d5	9.25	82	207047	72.19	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	87881	94.60	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	500027	94.16	ng	0.00
79) Terphenyl-d14	20.06	244	906242	78.82	ng	0.00
Target Compounds						
10) Phenol	7.24	94	5013	2.346	ng	91
19) n-Nitroso-di-n-propylamine	9.25	70	26037	16.375	ng	# 80
51) 2,6-Dinitrotoluene	14.70	165	10075	7.267	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	10075	5.269	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	6202	2.895	ng	# 1

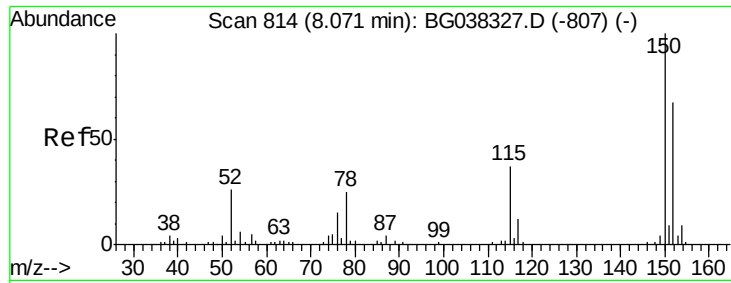
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG038367.D
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Misc :
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BNA_G
ClientSampleId :
112918-DBRI-E-D-M

Quant Time: Dec 06 04:10:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration



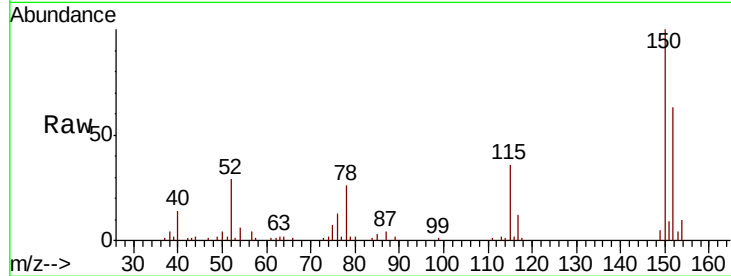


#1

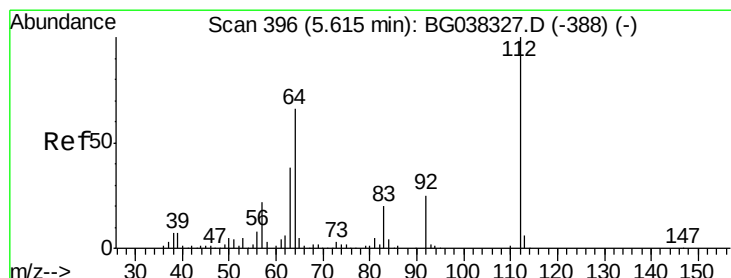
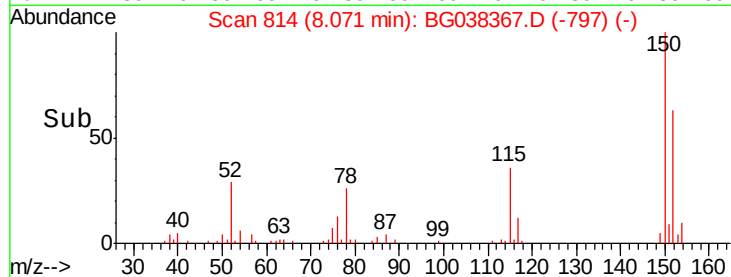
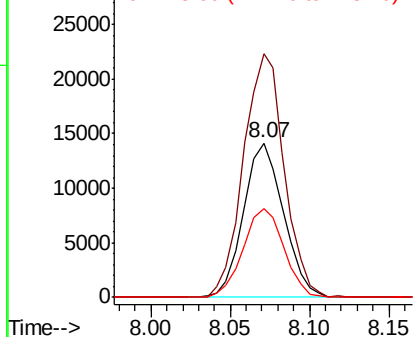
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-D-M

Tgt Ion:152 Resp: 24757
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.0 189.0
 115 57.3 45.5 68.3



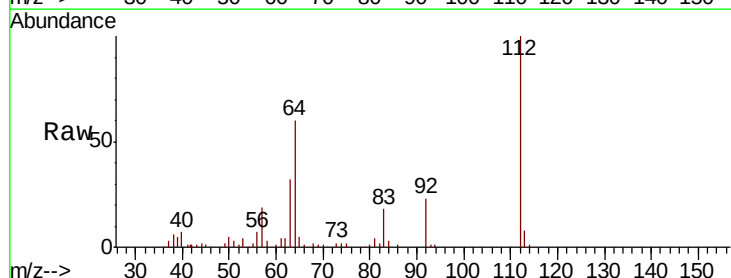
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



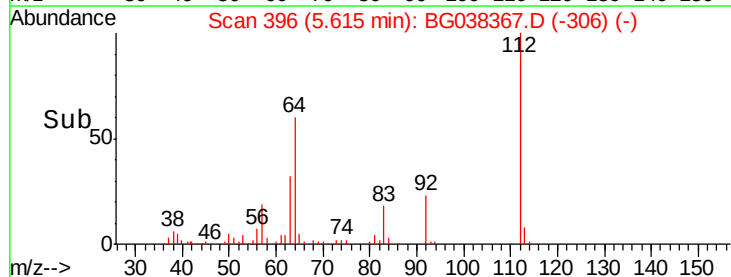
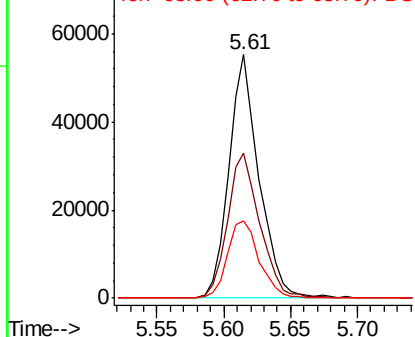
#5

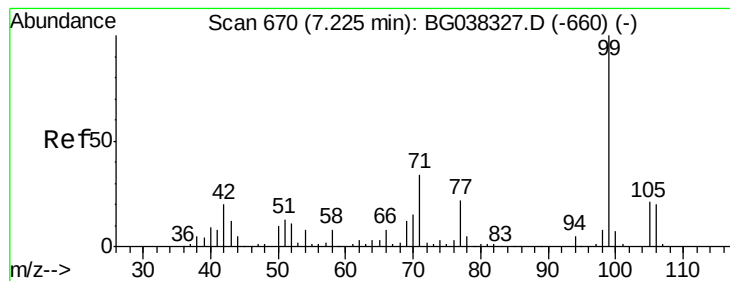
2-Fluorophenol
 Concen: 62.162 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Tgt Ion:112 Resp: 86963
 Ion Ratio Lower Upper
 112 100
 64 59.7 53.1 79.7
 63 31.9 27.3 40.9



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: 25.180 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038367.D

Acq: 5 Dec 2018 20:27

Instrument :

BNA_G

ClientSampleId :

112918-DBRI-E-D-M

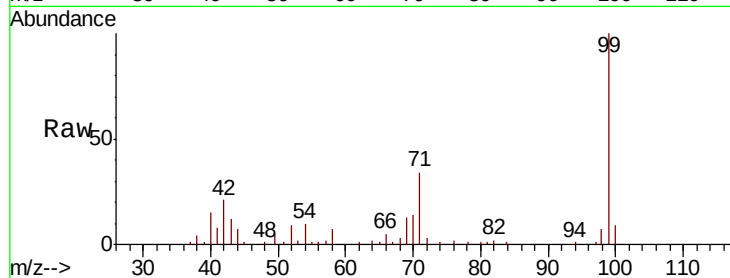
Tgt Ion: 99 Resp: 50914

Ion Ratio Lower Upper

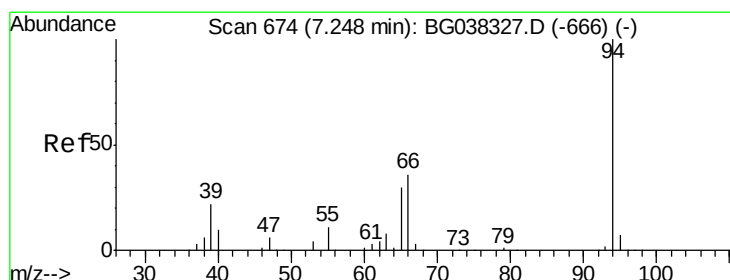
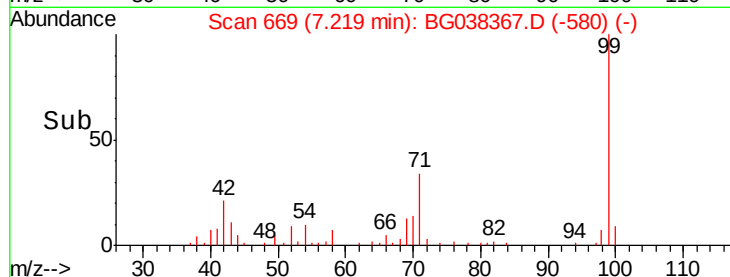
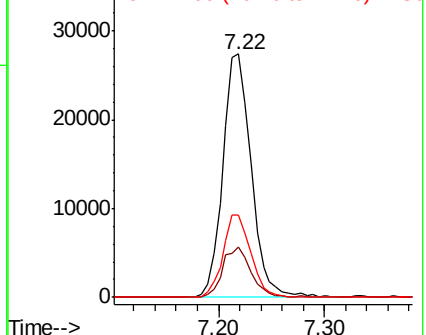
99 100

42 20.9 15.0 22.4

71 33.6 25.5 38.3



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



#10

Phenol

Concen: 2.346 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038367.D

Acq: 5 Dec 2018 20:27

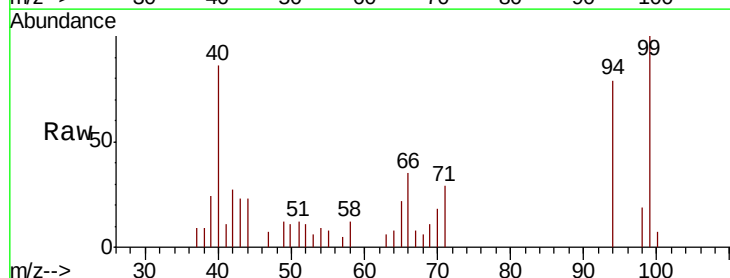
Tgt Ion: 94 Resp: 5013

Ion Ratio Lower Upper

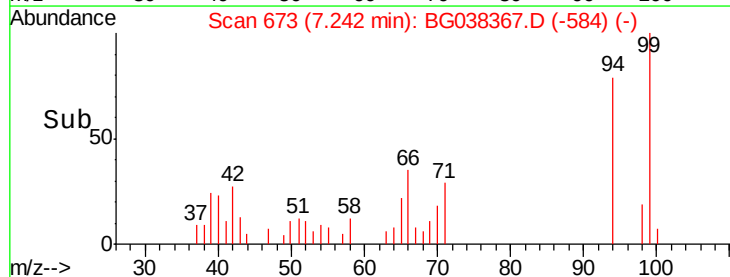
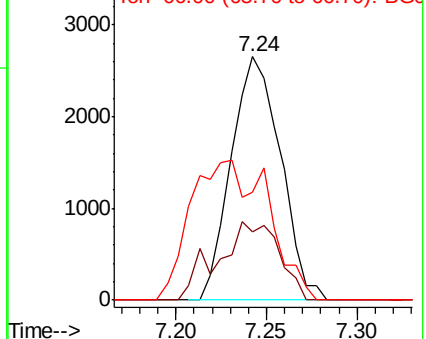
94 100

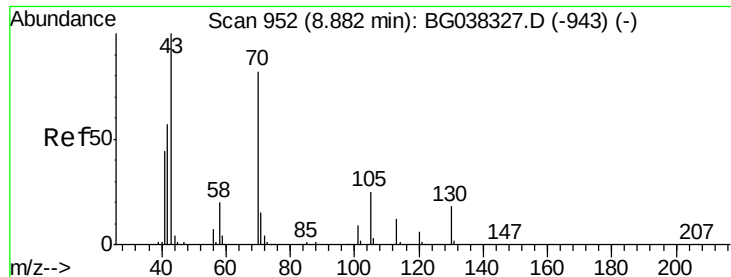
65 28.2 9.7 49.7

66 44.2 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

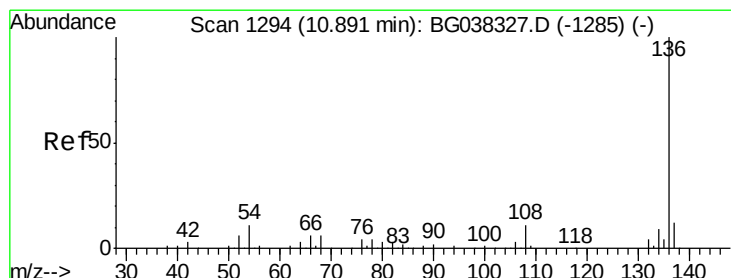
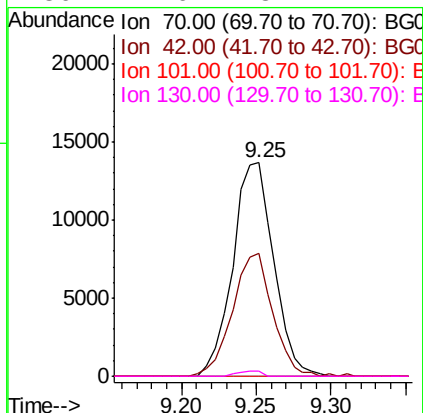
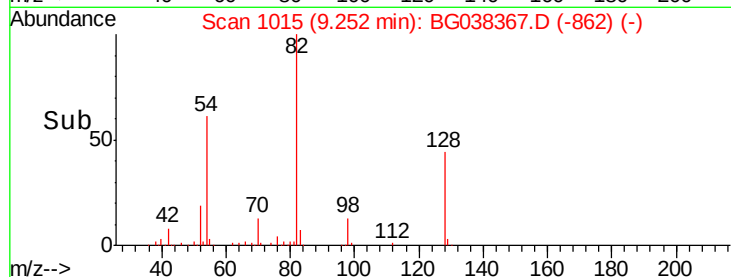
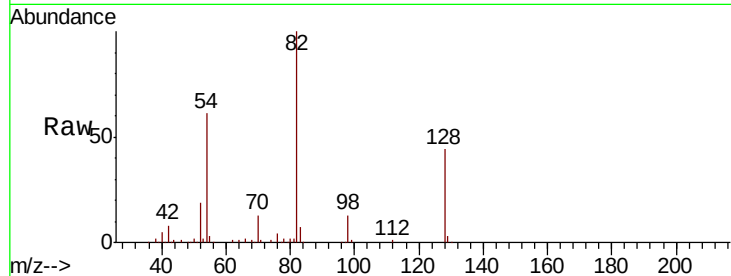




#19
n-Nitroso-di-n-propylamine
Concen: 16.375 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.37 min
Lab File: BG038367.D
Acq: 5 Dec 2018 20:27

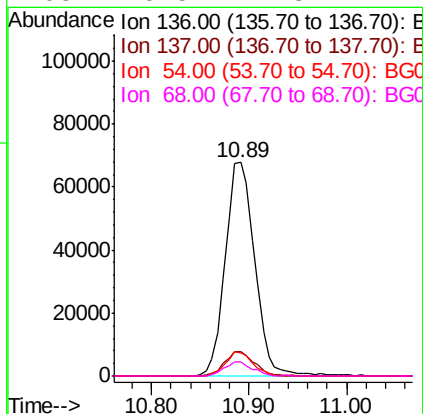
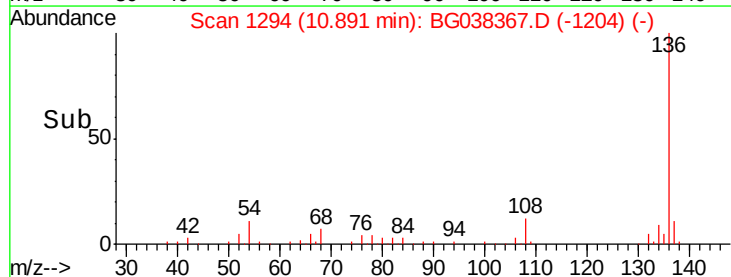
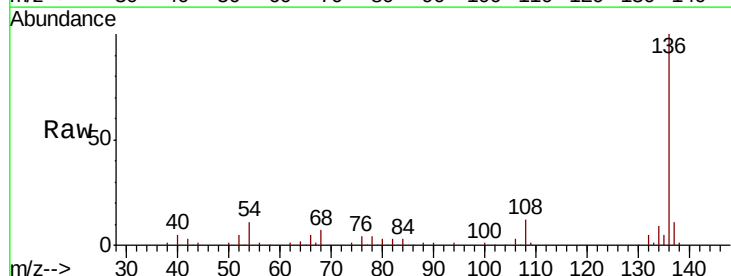
Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-D-M

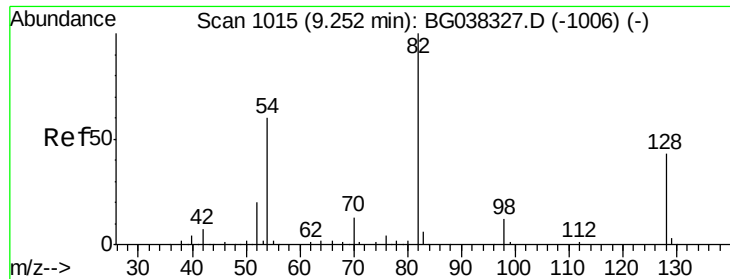
Tgt Ion: 70 Resp: 26037
Ion Ratio Lower Upper
70 100
42 57.7 53.9 80.9
101 0.0 8.2 12.2#
130 2.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038367.D
Acq: 5 Dec 2018 20:27

Tgt Ion: 136 Resp: 142388
Ion Ratio Lower Upper
136 100
137 11.4 9.6 14.4
54 10.8 7.9 11.9
68 6.5 4.8 7.2

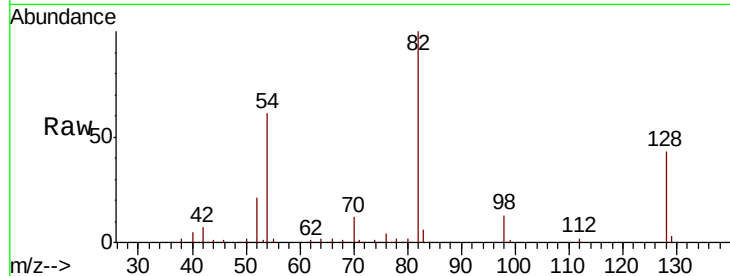




#23
 Nitrobenzene-d5
 Concen: 72.193 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	60.9	45.3	67.9

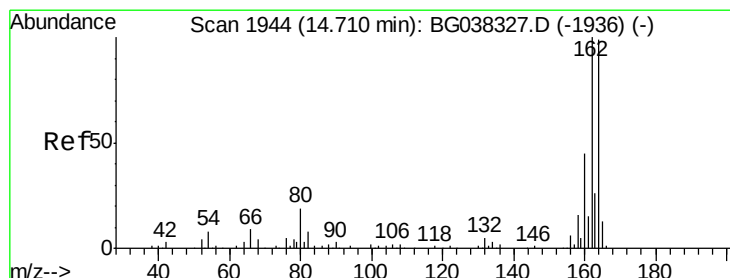
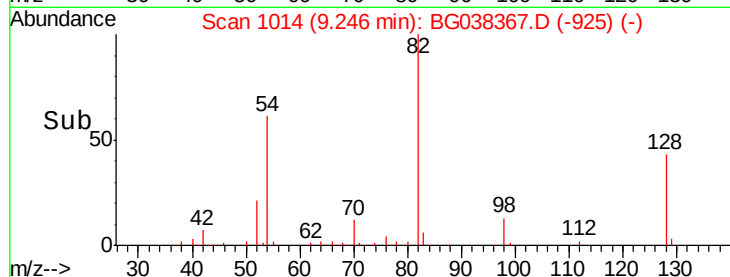
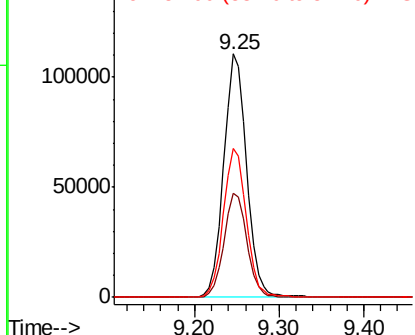


Abundance

Ion 82.00 (81.70 to 82.70): BGC

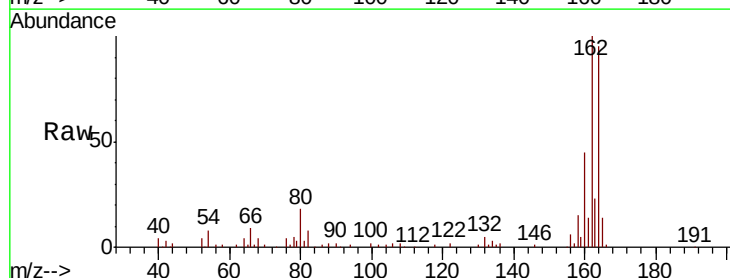
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.3	121.9
160	47.8	36.3	54.5

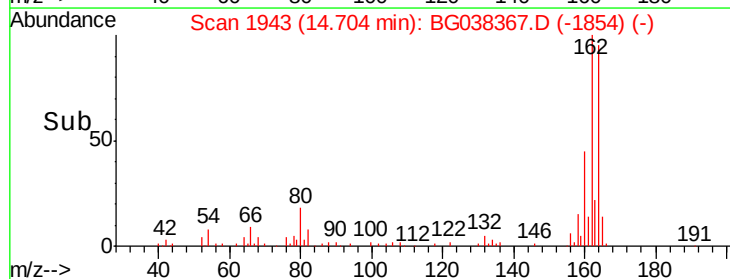
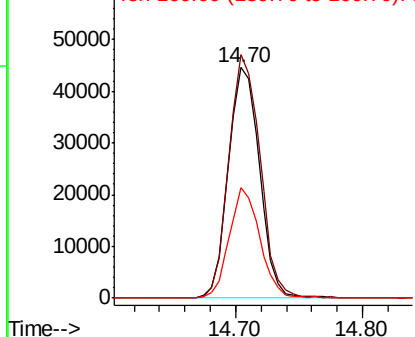


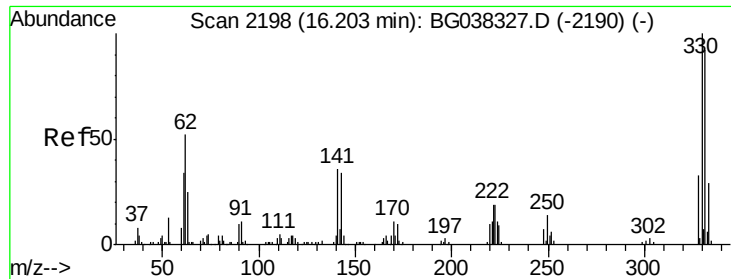
Abundance

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

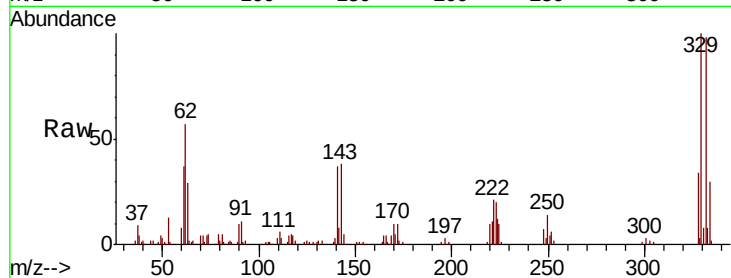




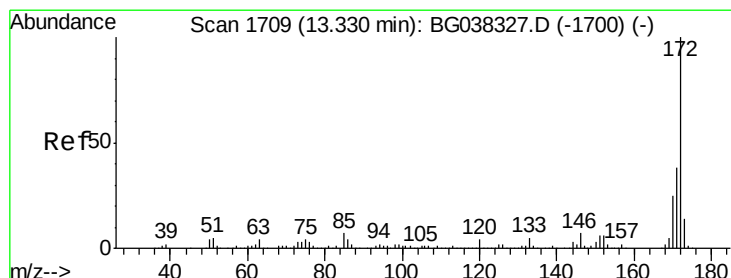
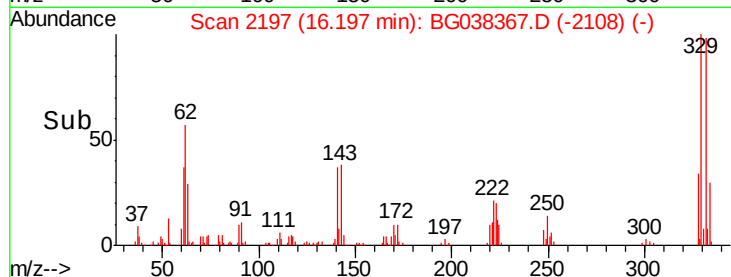
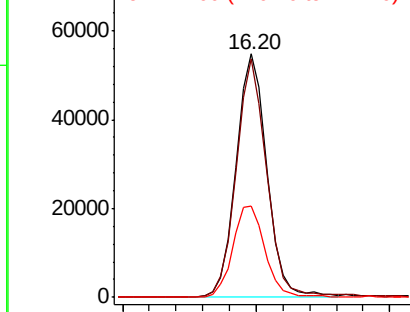
#42
 2,4,6-Tribromophenol
 Concen: 94.602 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-D-M

Tgt Ion:330 Resp: 87881
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.4 117.6
 141 39.4 32.2 48.2

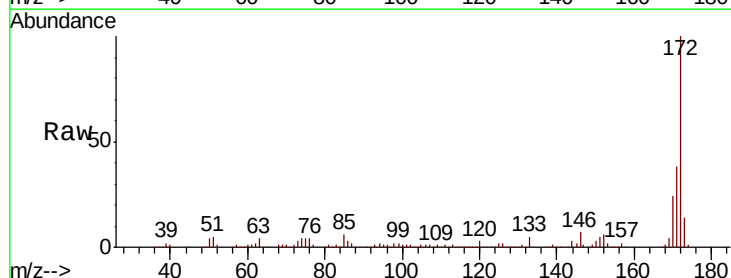


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

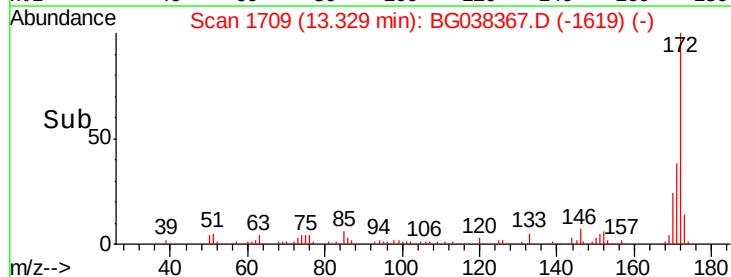
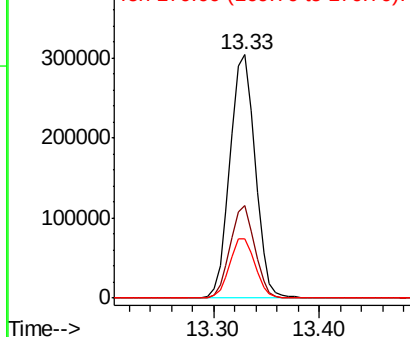


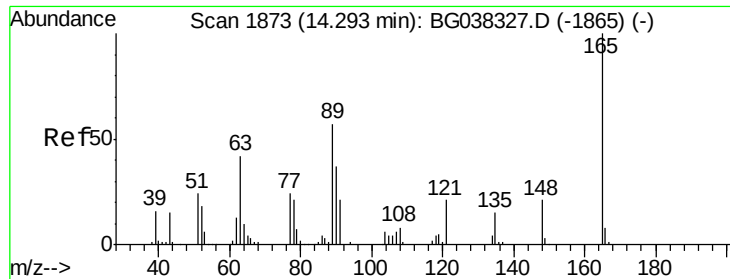
#45
 2-Fluorobiphenyl
 Concen: 94.157 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Tgt Ion:172 Resp: 500027
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 24.2 20.2 30.2



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

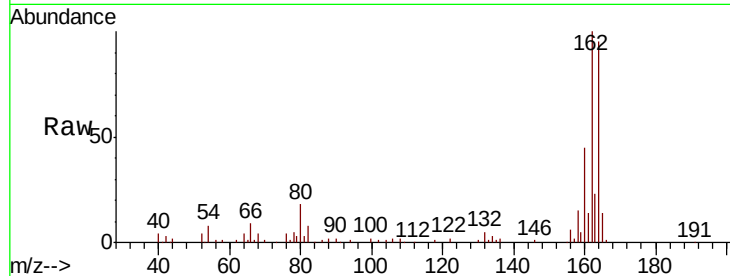




#51
 2,6-Dinitrotoluene
 Concen: 7.267 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Instrument :
 BNA_G
 ClientSampleId :
 112918-DBRI-E-D-M

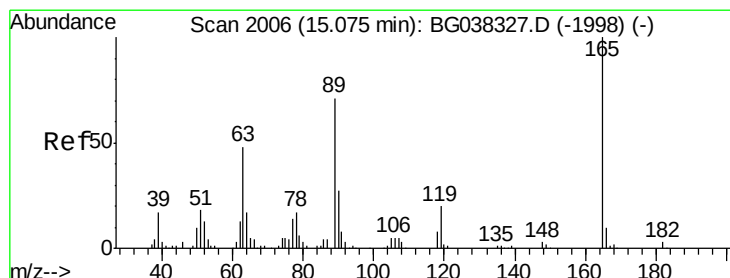
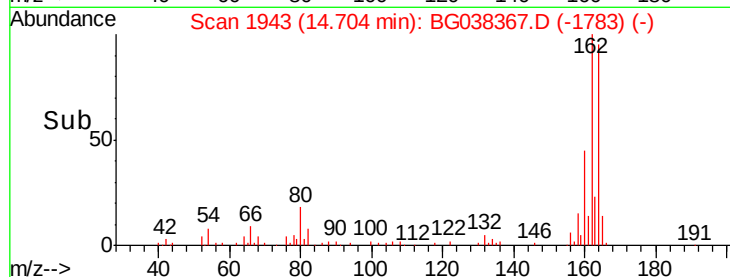
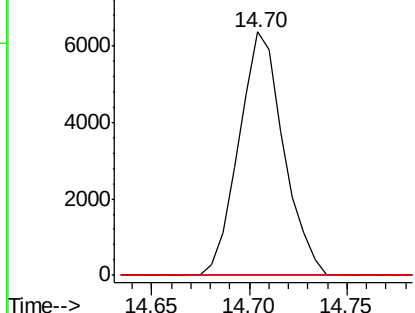
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57
 2,4-Dinitrotoluene
 Concen: 5.269 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

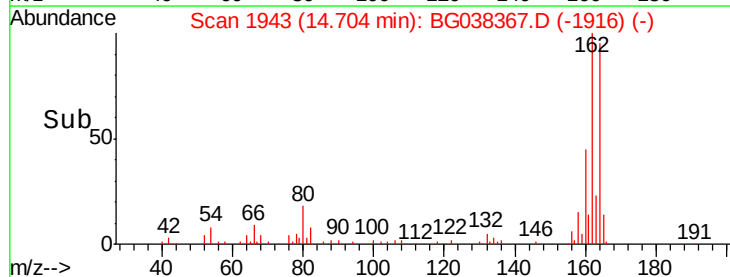
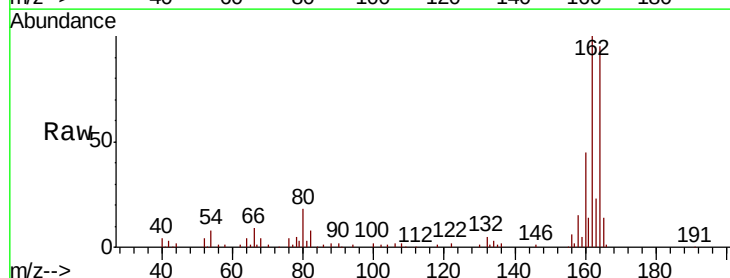
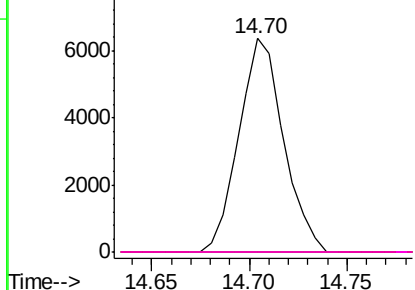
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

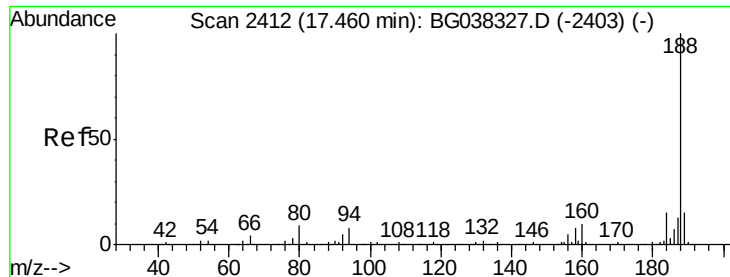
Abundance Ion 165.00 (164.70 to 165.70): E

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

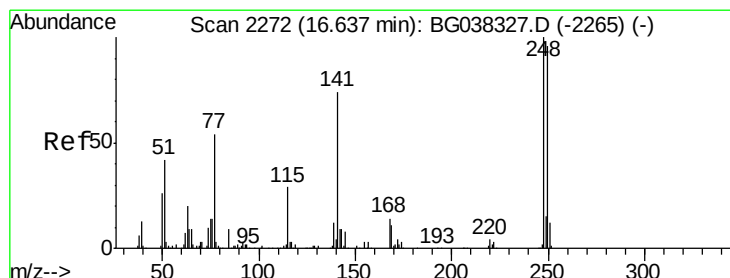
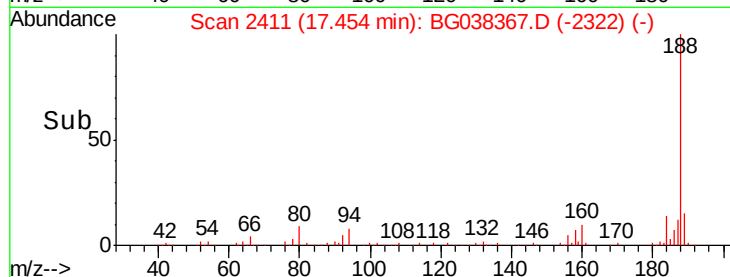
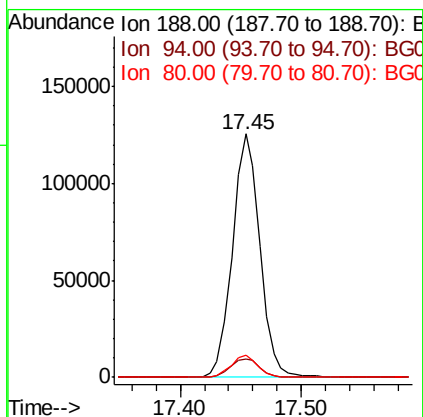
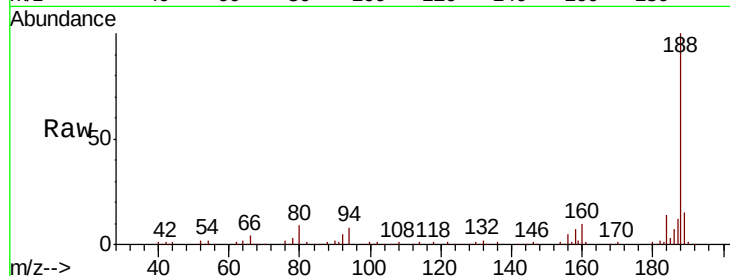




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

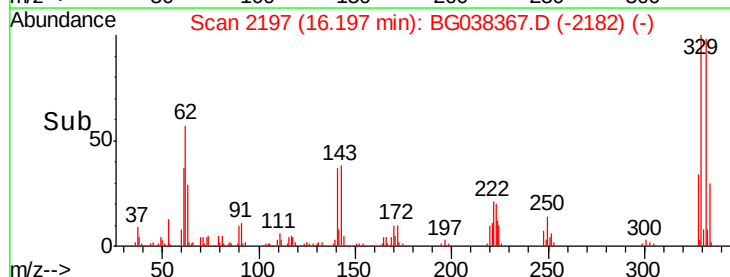
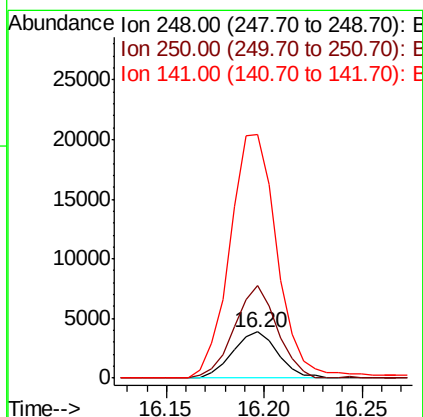
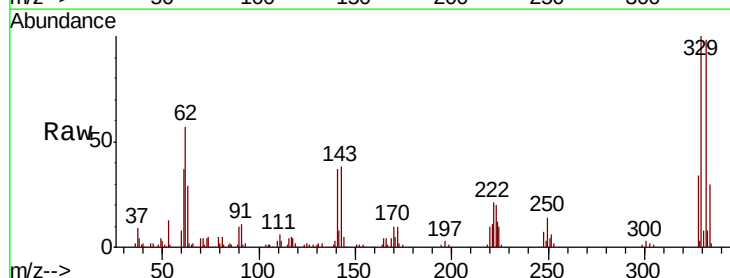
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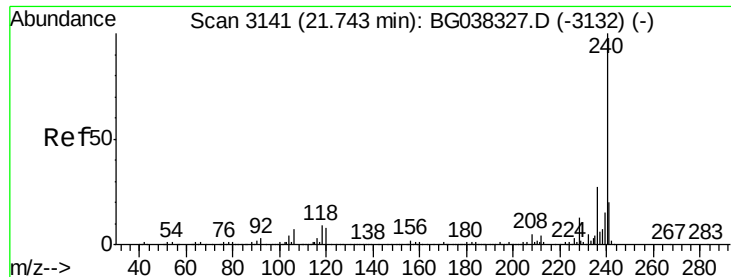
Tgt Ion:188 Resp: 198378
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.2 10.8
 80 8.9 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.895 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038367.D
 Acq: 5 Dec 2018 20:27

Tgt Ion:248 Resp: 6202
 Ion Ratio Lower Upper
 248 100
 250 144.5 77.0 115.6#
 141 380.7 55.5 83.3#

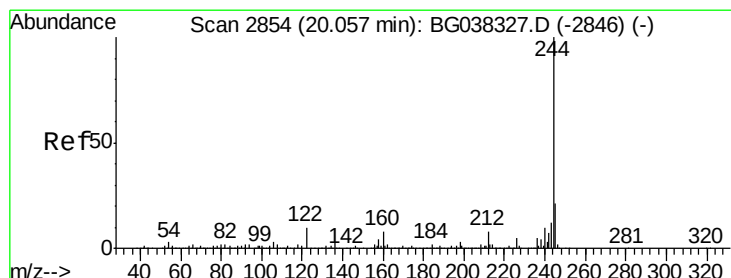
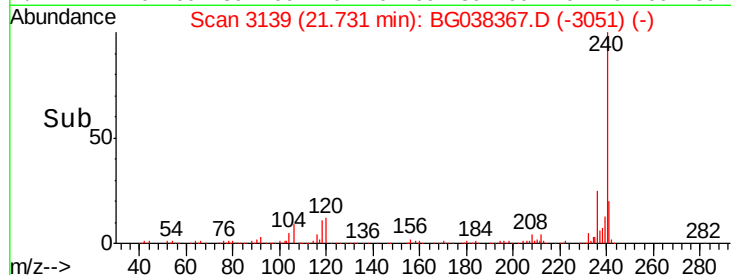
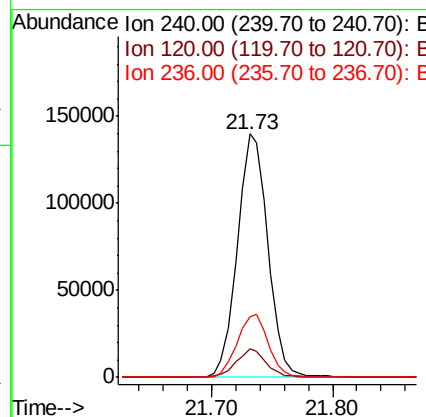
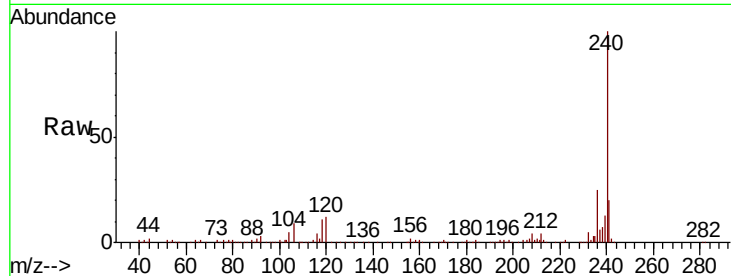




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038367.D
Acq: 5 Dec 2018 20:27

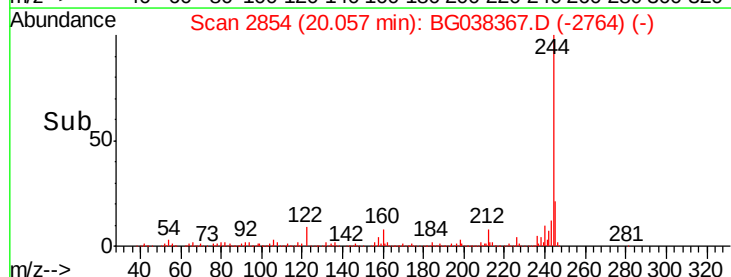
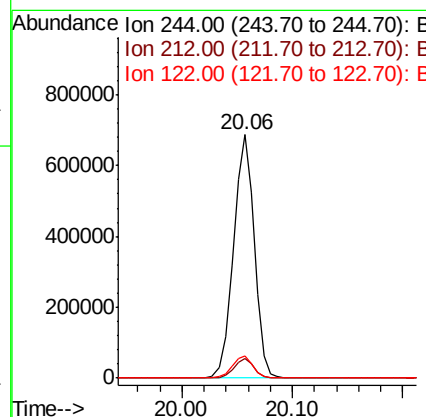
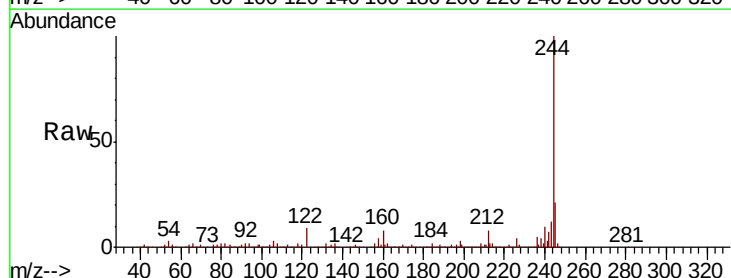
Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-D-M

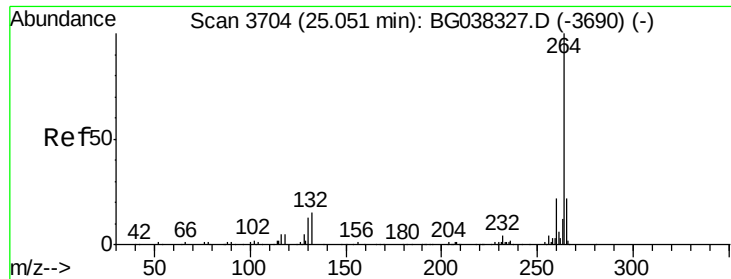
Tgt Ion:240 Resp: 246320
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 25.1 21.4 32.0



#79
Terphenyl-d14
Concen: 78.816 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038367.D
Acq: 5 Dec 2018 20:27

Tgt Ion:244 Resp: 906242
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038367.D
Acq: 5 Dec 2018 20:27

Instrument :
BNA_G
ClientSampleId :
112918-DBRI-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	22.1	17.9	26.9

