

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041288.D
 Acq On : 18 Jun 2019 2:01
 Operator : HP/JU
 Sample : K3154-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 07:47:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

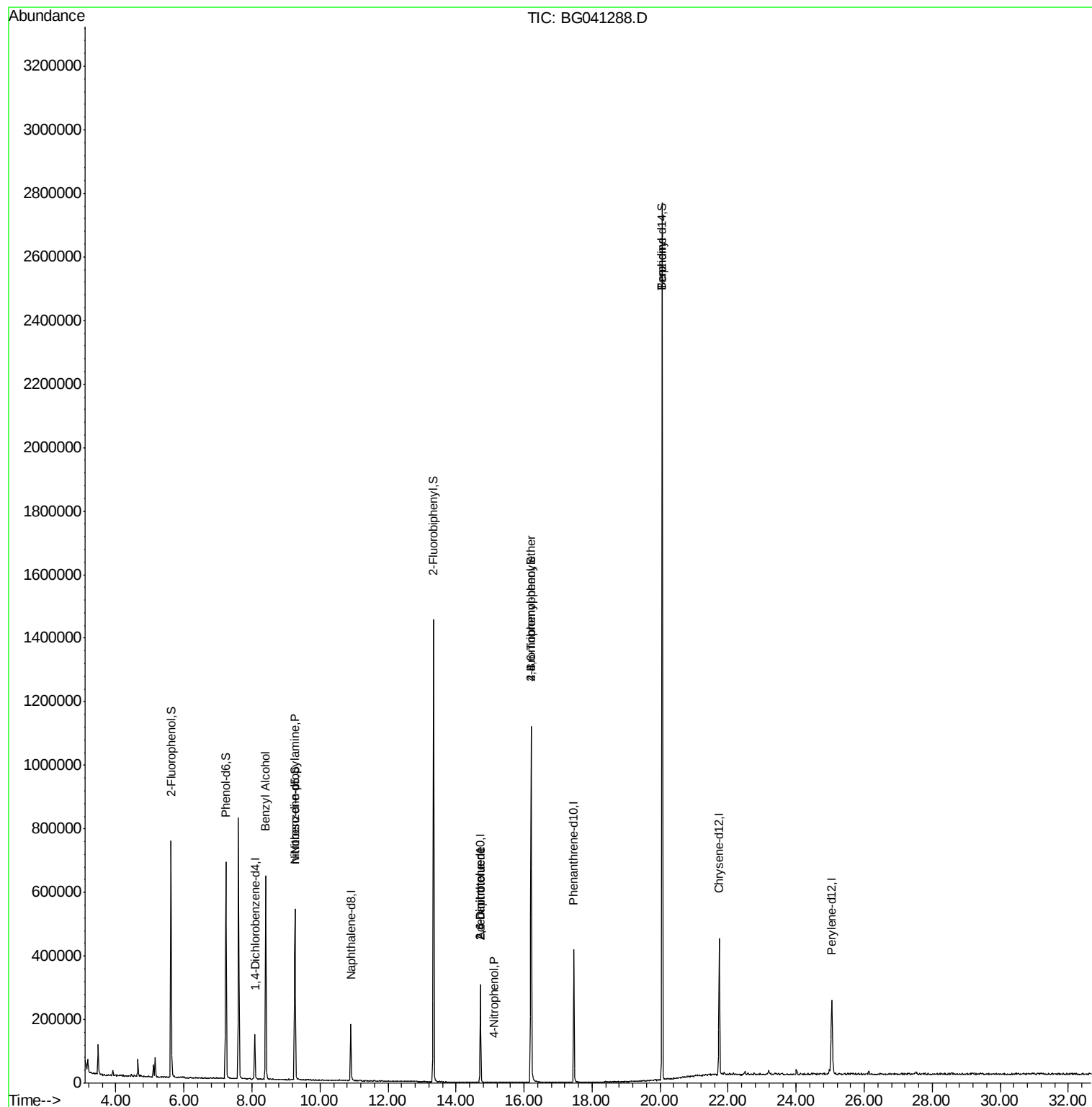
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37341	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143148	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	104362	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	252955	20.00	ng	0.00
76) Chrysene-d12	21.74	240	258368	20.00	ng	0.00
87) Perylene-d12	25.05	264	269475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	273299	134.48	ng	0.00
7) Phenol-d6	7.23	99	347824	118.08	ng	0.00
23) Nitrobenzene-d5	9.26	82	329484	96.80	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	223351	139.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	753420	98.12	ng	0.00
79) Terphenyl-d14	20.06	244	1282428	98.37	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.40	79	6094	2.159	ng	# 60
19) n-Nitroso-di-n-propylamine	9.26	70	47098	19.768	ng	# 78
51) 2,6-Dinitrotoluene	14.72	165	14142	7.223	ng	# 16
56) 4-Nitrophenol	15.13	139	55	3.252	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	14142	4.941	ng	# 20
67) 4-Bromophenyl-phenylether	16.21	248	16138	4.934	ng	# 1
77) Benzidine	20.06	184	22021	3.524	ng	# 96

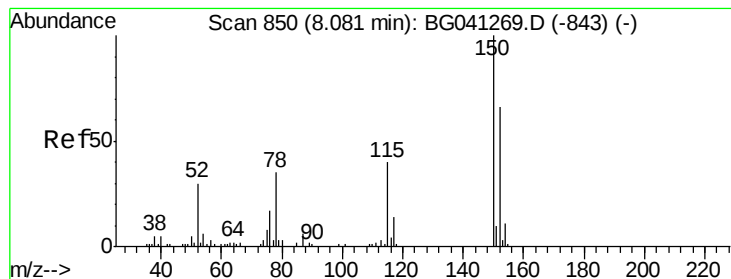
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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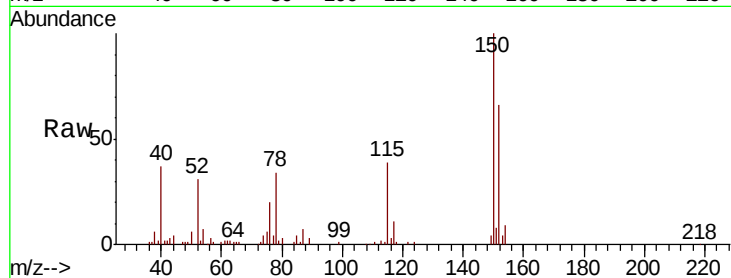




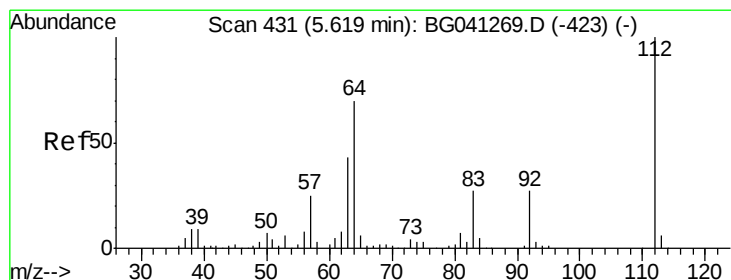
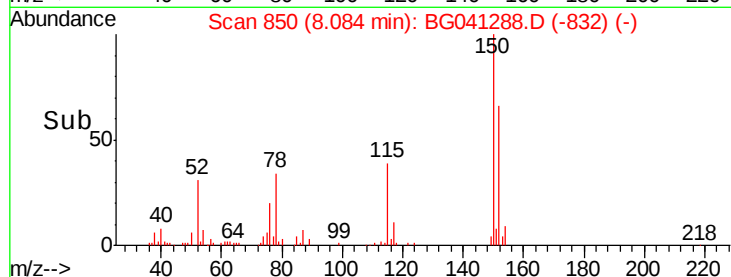
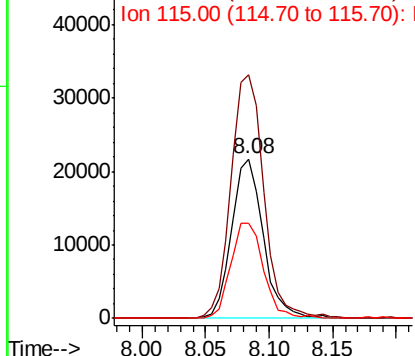
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 37341
 Ion Ratio Lower Upper
 152 100
 150 152.6 120.6 181.0
 115 59.8 47.9 71.9

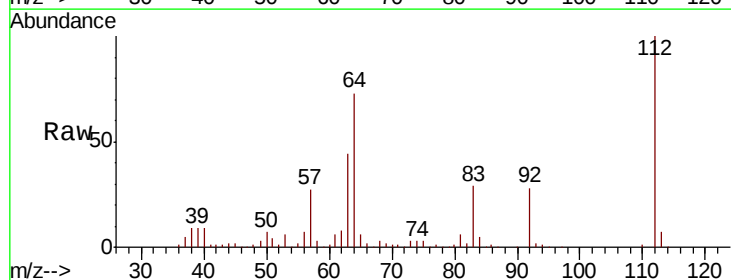


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

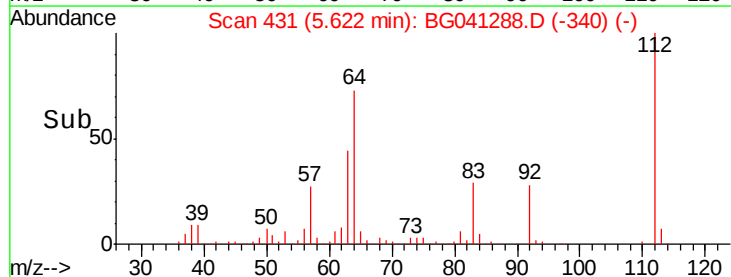
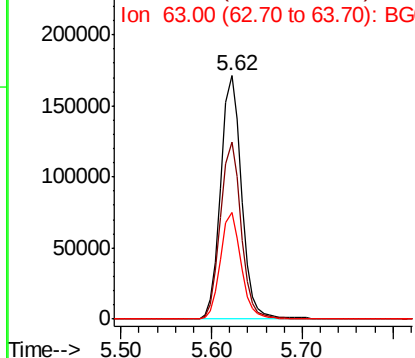


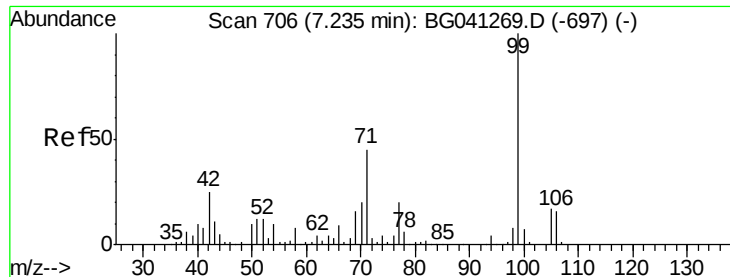
#5
 2-Fluorophenol
 Concen: 134.481 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Tgt Ion:112 Resp: 273299
 Ion Ratio Lower Upper
 112 100
 64 73.0 55.9 83.9
 63 43.9 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.075 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041288.D

Acq: 18 Jun 2019 2:01

Instrument :

BNA_G

ClientSampled :

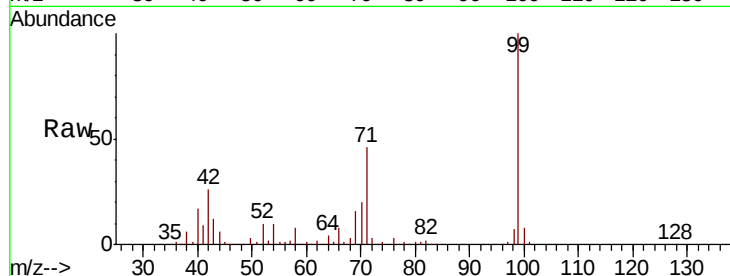
Tot Ion: 99 Resp: 347824

Ion Ratio Lower Upper

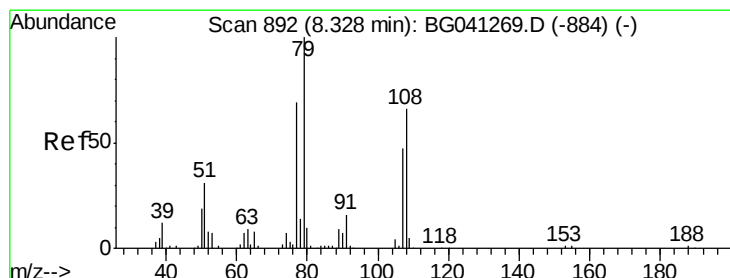
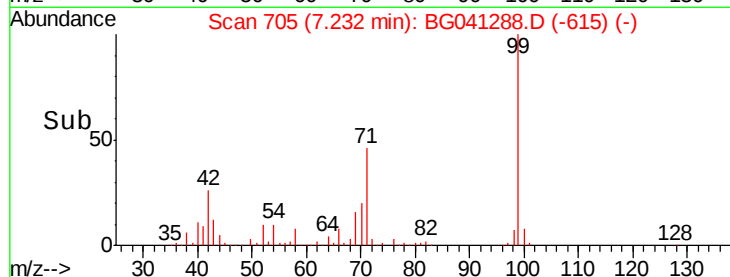
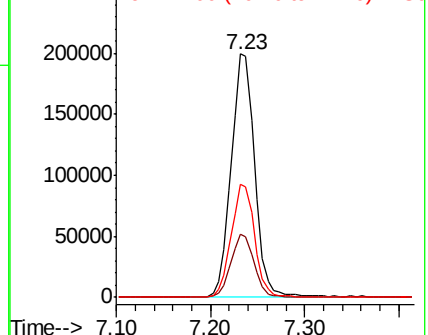
99 100

42 26.0 19.9 29.9

71 46.3 36.4 54.6



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: 2.159 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.07 min

Lab File: BG041288.D

Acq: 18 Jun 2019 2:01

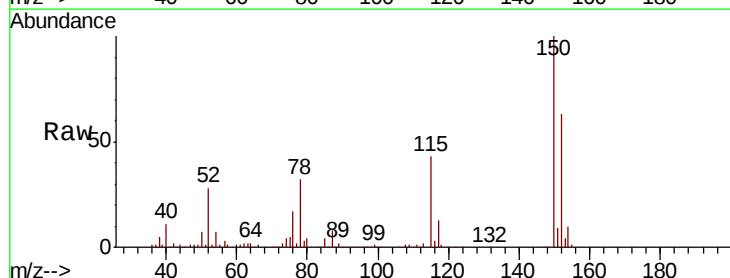
Tgt Ion: 79 Resp: 6094

Ion Ratio Lower Upper

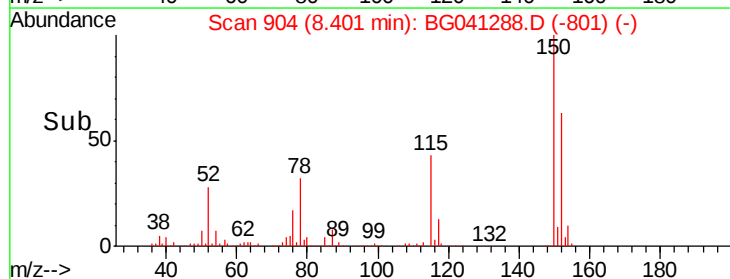
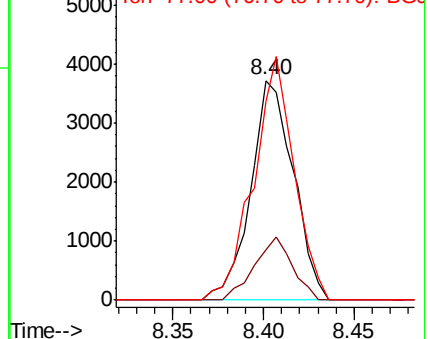
79 100

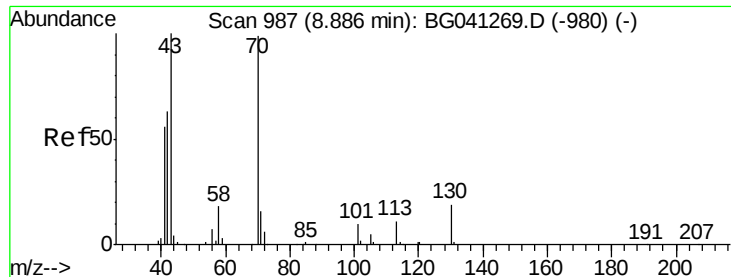
108 22.7 52.7 79.1#

77 90.6 55.2 82.8#



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

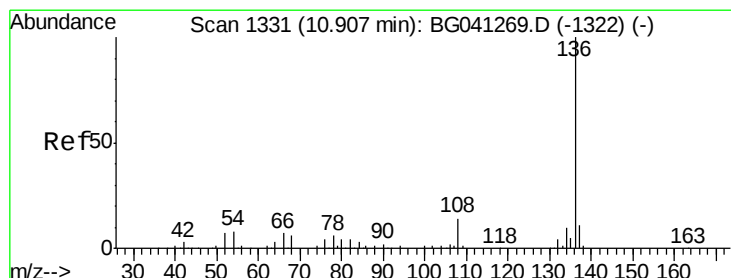
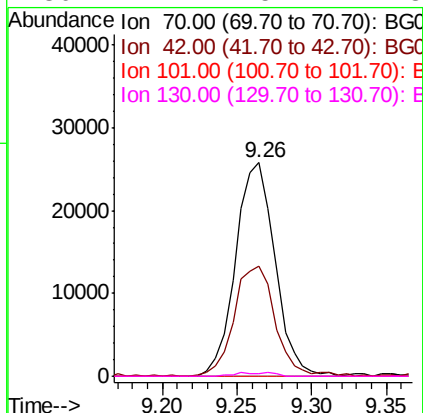
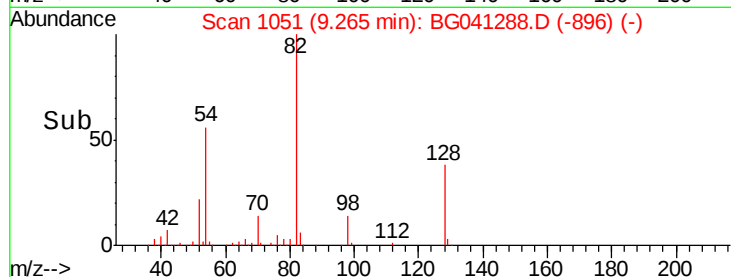
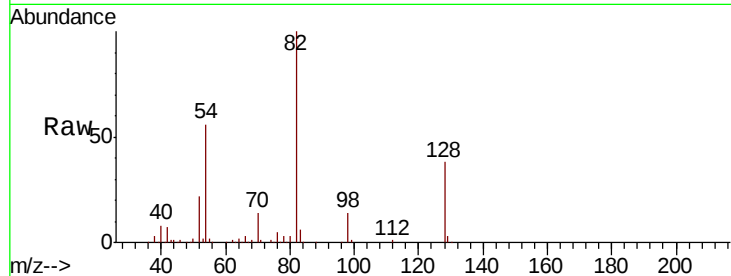




#19
n-Nitroso-di-n-propylamine
Concen: 19.768 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041288.D
Acq: 18 Jun 2019 2:01

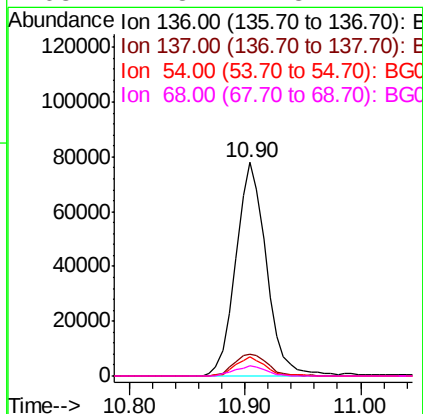
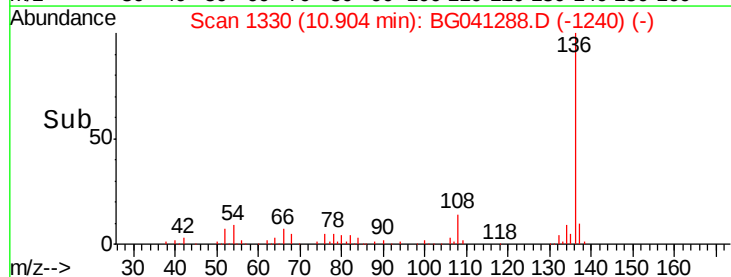
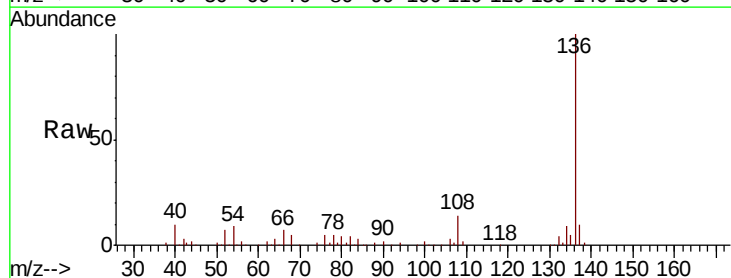
Instrument :
BNA_G
ClientSampleId :

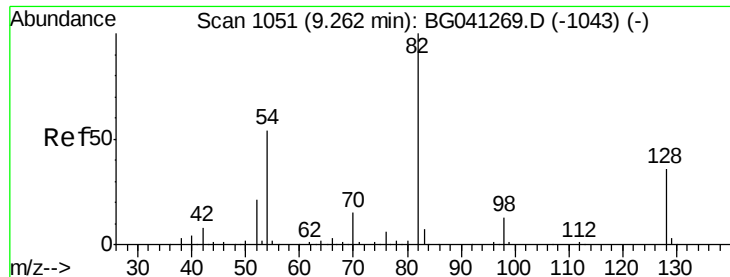
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.7	51.4	77.2
101	0.0	8.2	12.2#
130	1.2	15.2	22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041288.D
Acq: 18 Jun 2019 2:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.5	6.4	9.6
68	4.8	4.8	7.2#

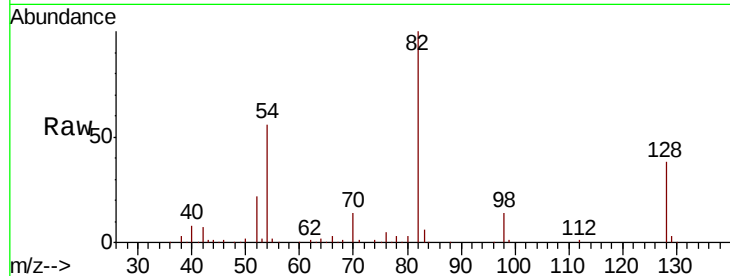




#23
Nitrobenzene-d5
Concen: 96.801 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041288.D
Acq: 18 Jun 2019 2:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.2	43.8
54	55.6	43.4	65.0

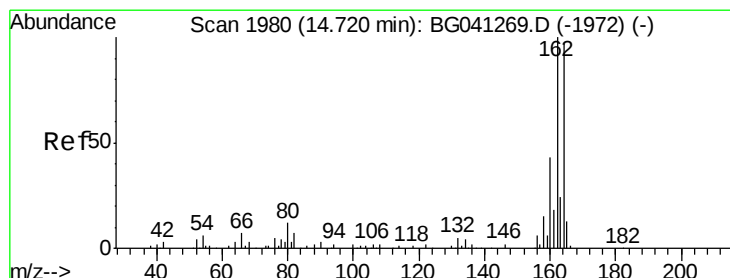
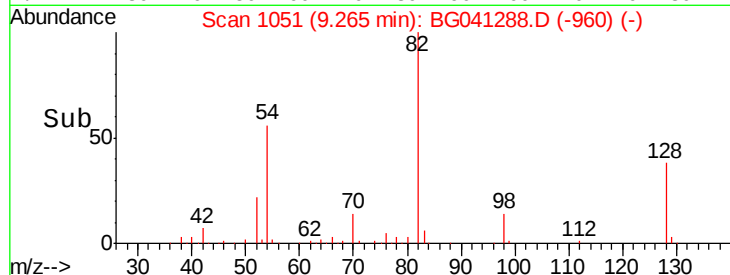
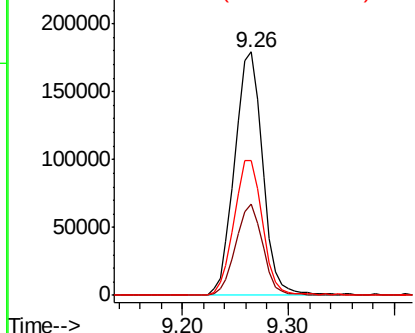


Abundance

Ion 82.00 (81.70 to 82.70): BGC

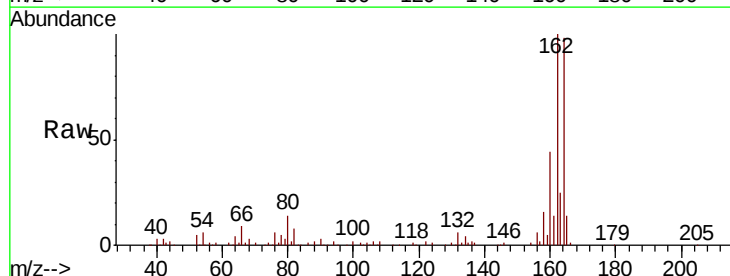
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041288.D
Acq: 18 Jun 2019 2:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	45.2	35.8	53.8

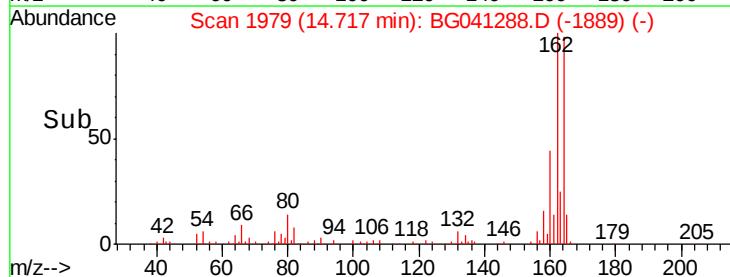
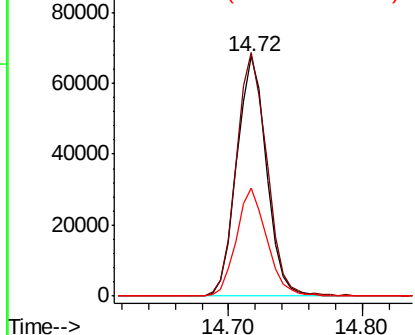


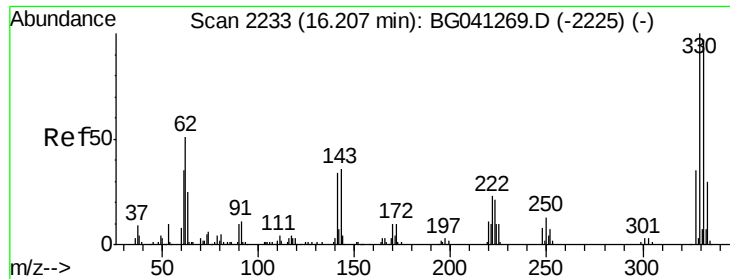
Abundance

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

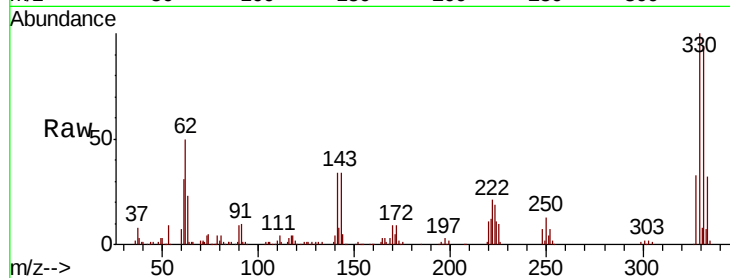




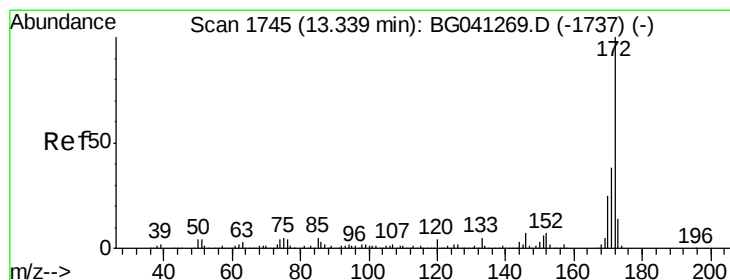
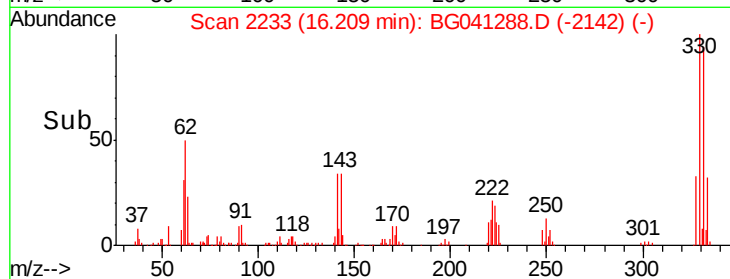
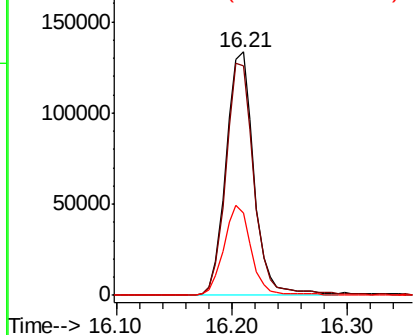
#42
 2,4,6-Tribromophenol
 Concen: 139.404 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	36.2	29.0	43.4

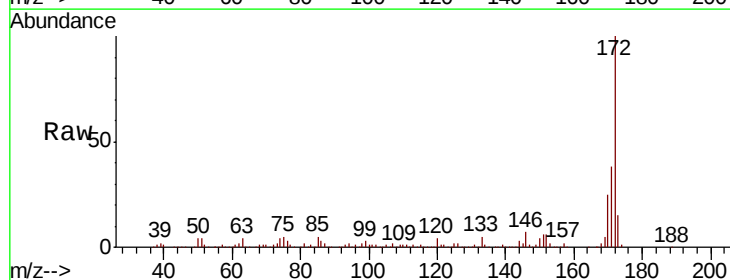


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

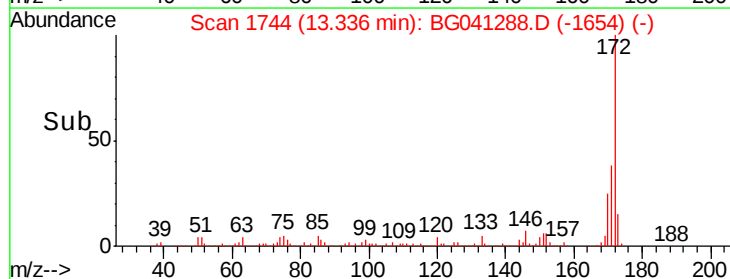
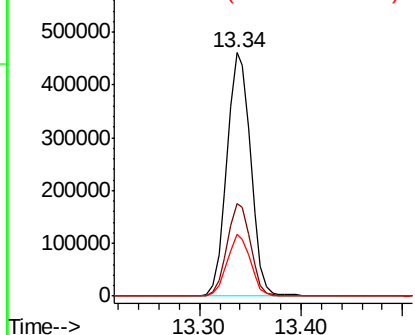


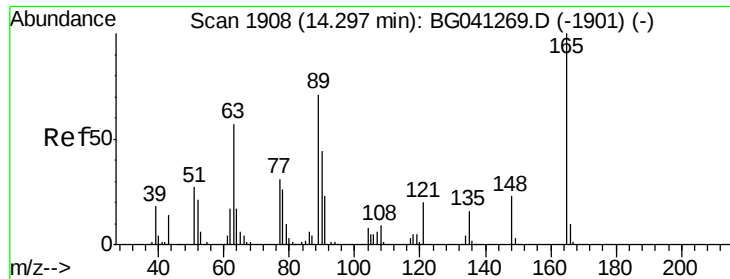
#45
 2-Fluorobiphenyl
 Concen: 98.121 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.3	19.8	29.6



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

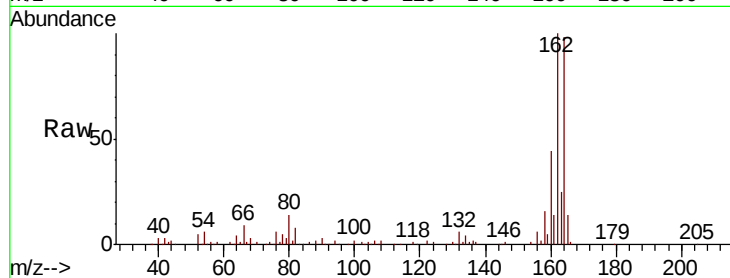




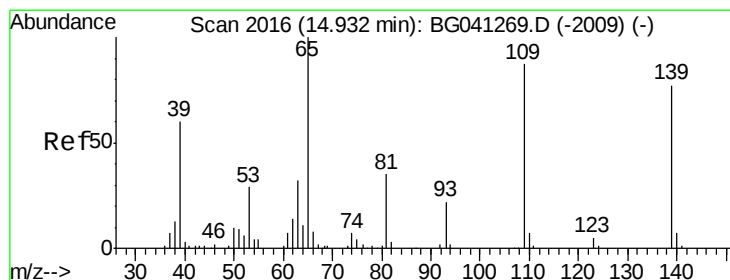
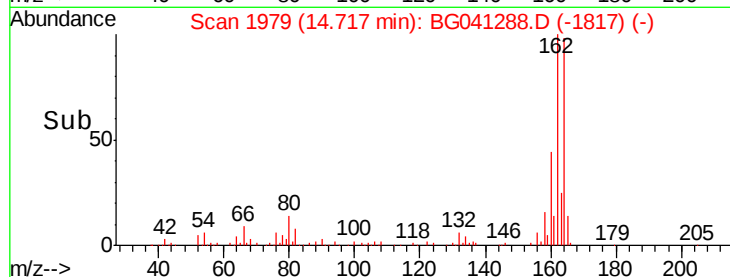
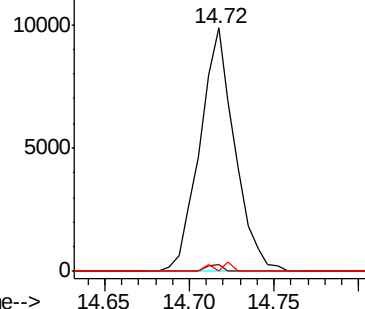
#51
 2,6-Dinitrotoluene
 Concen: 7.223 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	55.4	83.0#
89	0.0	56.5	84.7#

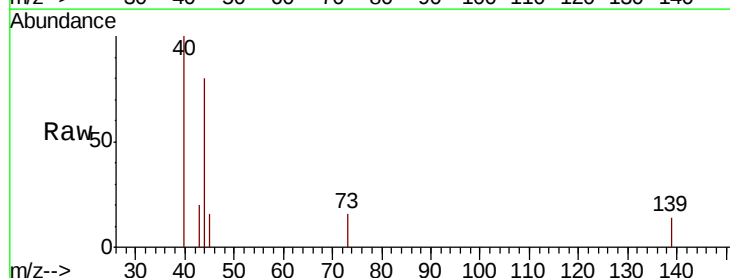


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

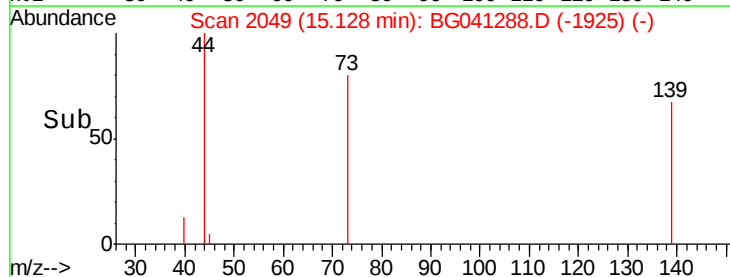
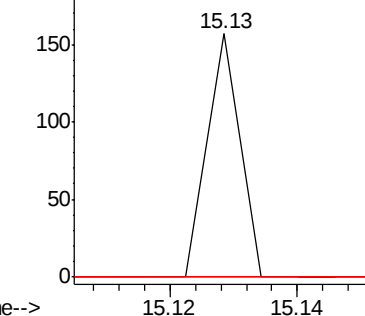


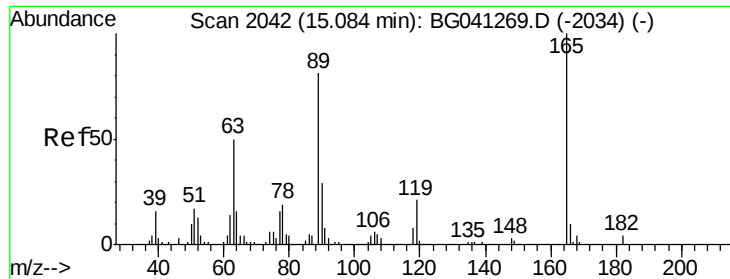
#56
 4-Nitrophenol
 Concen: 3.252 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. 0.20 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC

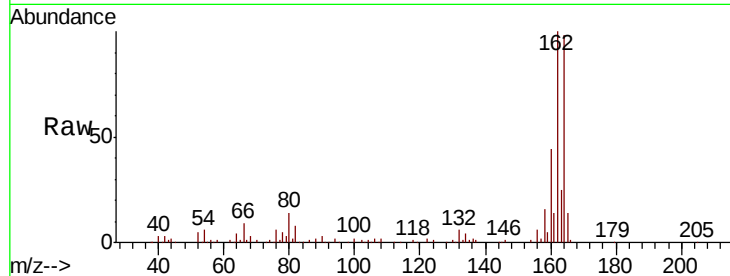




#57
 2,4-Dinitrotoluene
 Concen: 4.941 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#

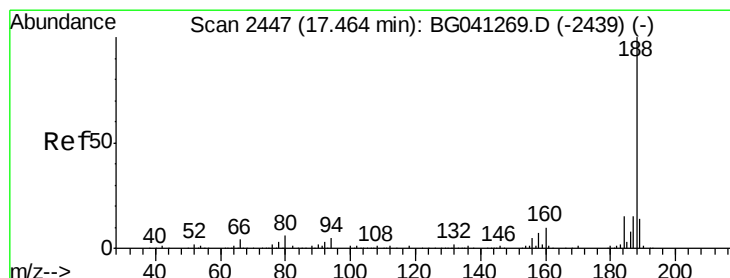
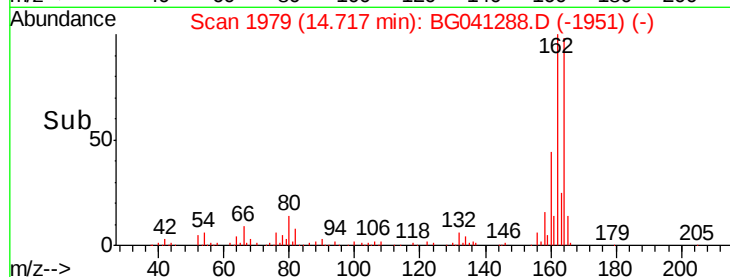
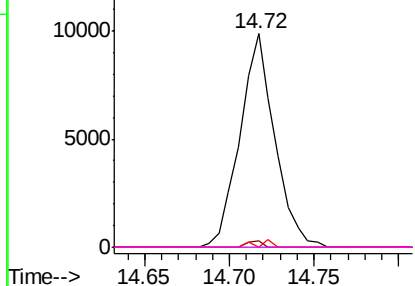


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

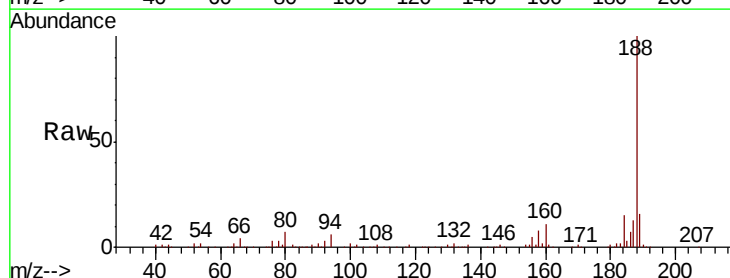
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

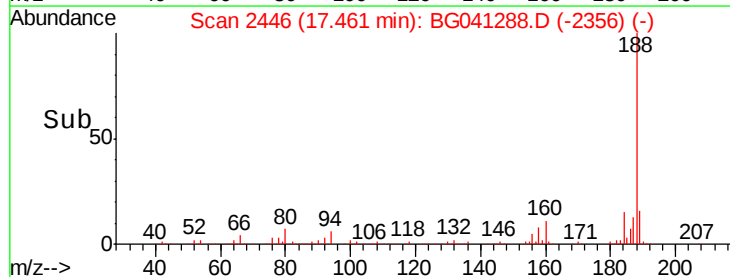
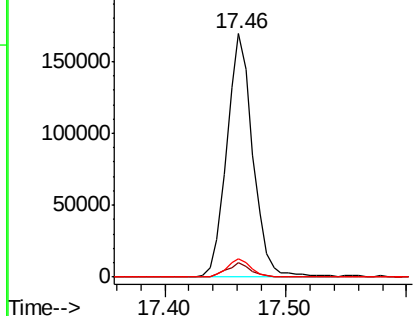
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	3.6	5.4#
80	7.4	4.8	7.2#

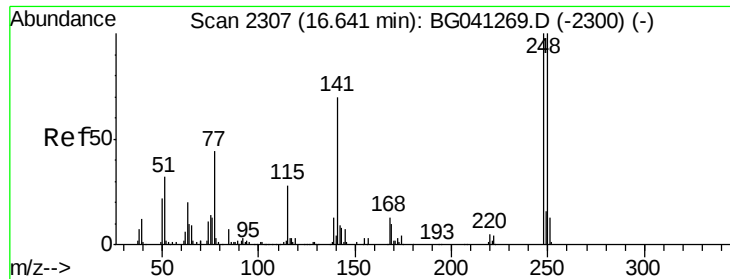


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

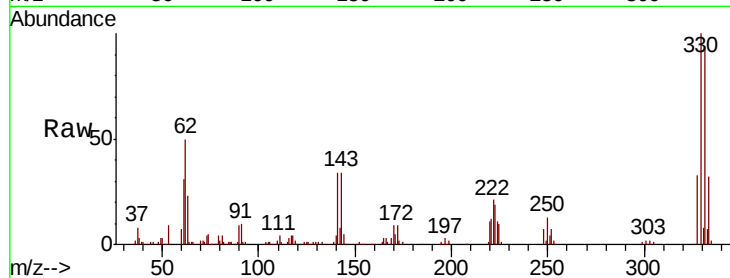




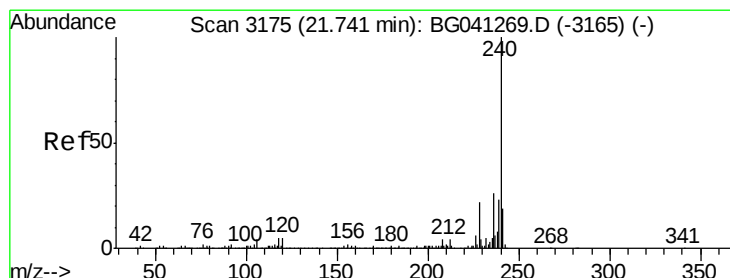
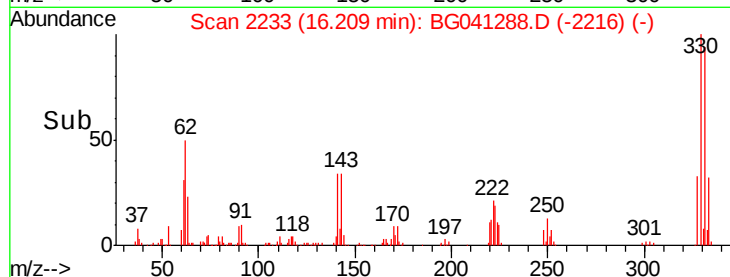
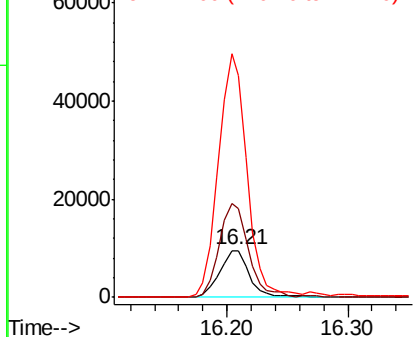
#67
4-Bromophenyl-phenylether
Concen: 4.934 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041288.D
Acq: 18 Jun 2019 2:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 16138
Ion Ratio Lower Upper
248 100
250 187.3 79.8 119.8#
141 470.7 55.8 83.6#

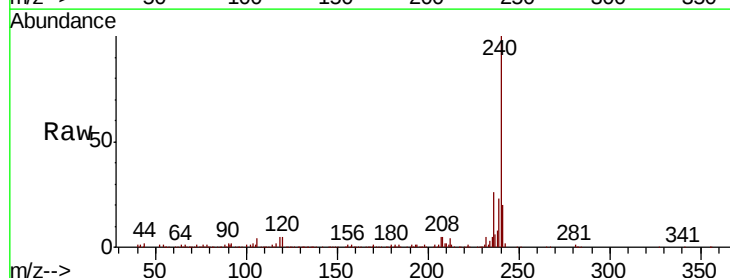


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

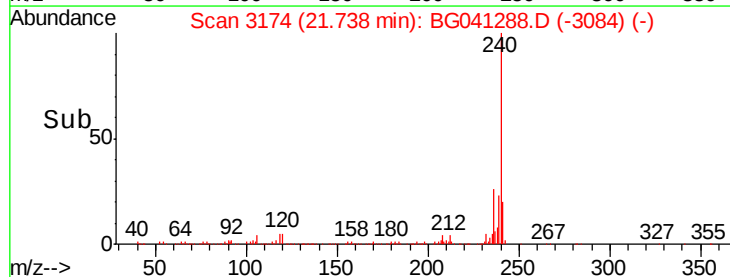
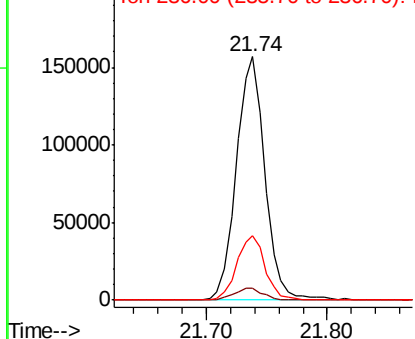


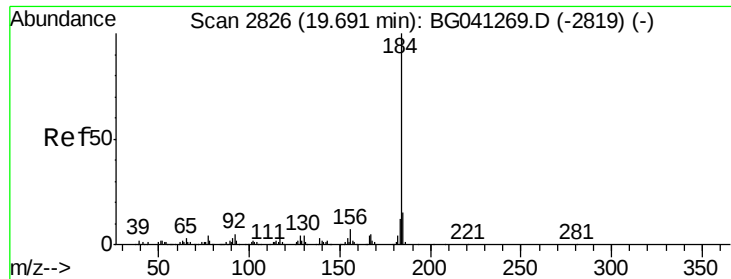
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG041288.D
Acq: 18 Jun 2019 2:01

Tgt Ion:240 Resp: 258368
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 26.5 21.1 31.7



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





#77

Benzidine

Concen: 3.524 ng

RT: 20.06 min Scan# 2888

Delta R.T. 0.37 min

Lab File: BG041288.D

Acq: 18 Jun 2019 2:01

Instrument :

BNA_G

ClientSampleId :

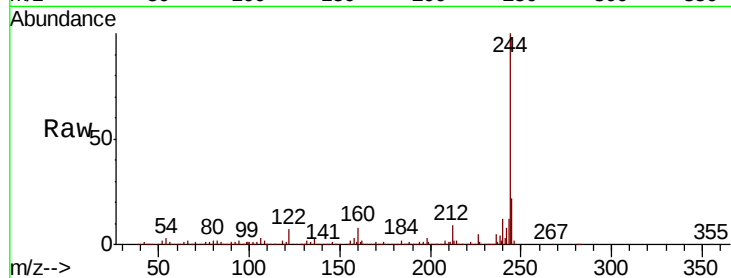
Tot Ion:184 Resp: 22021

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

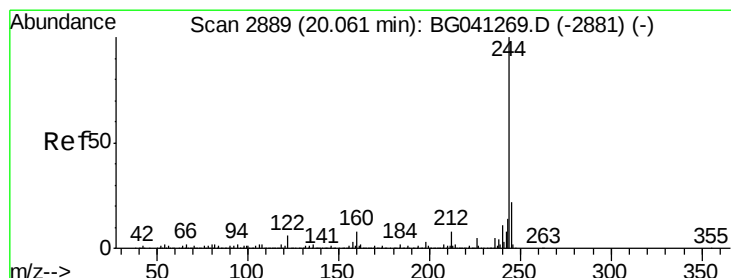
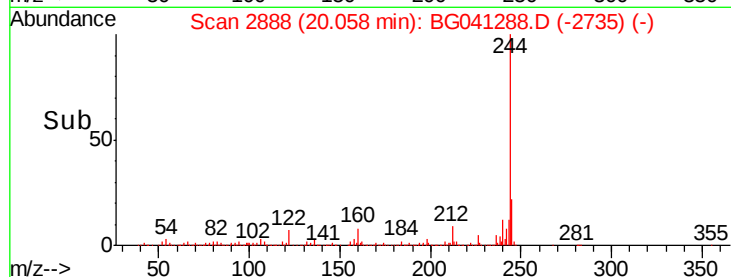
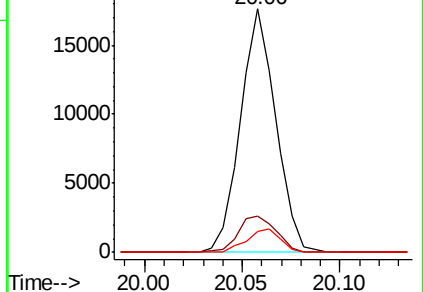
183 8.4 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 98.368 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041288.D

Acq: 18 Jun 2019 2:01

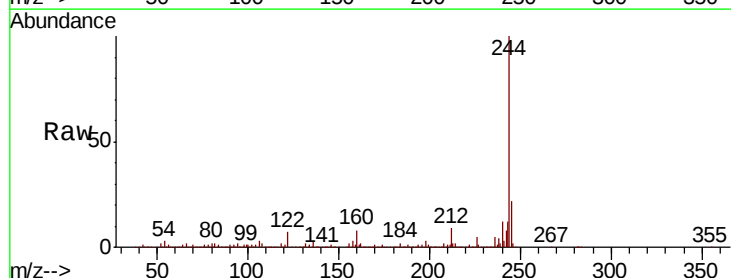
Tgt Ion:244 Resp: 1282428

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

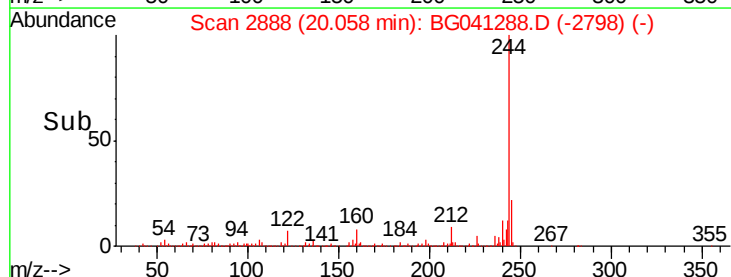
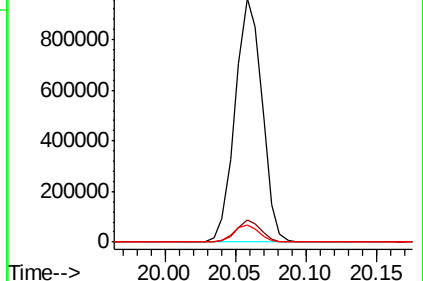
122 7.2 5.0 7.4

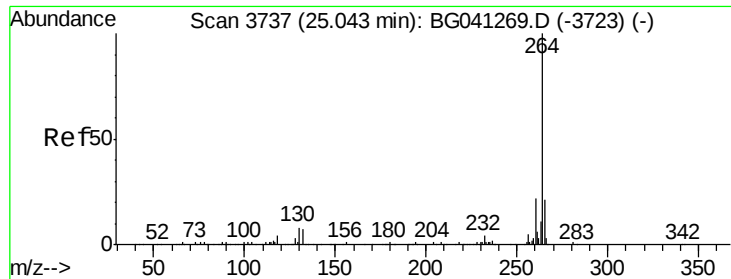


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3737
 Delta R.T. 0.00 min
 Lab File: BG041288.D
 Acq: 18 Jun 2019 2:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.2
265	21.8	17.2	25.8

