

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041318.D
 Acq On : 19 Jun 2019 5:29
 Operator : HP/JU
 Sample : K3157-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 07:49:23 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	35257	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	137179	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	103536	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255211	20.00	ng	0.00
76) Chrysene-d12	21.73	240	260867	20.00	ng	0.00
87) Perylene-d12	25.05	264	272751	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	263122	137.13	ng	0.00
7) Phenol-d6	7.23	99	327230	117.65	ng	0.00
23) Nitrobenzene-d5	9.26	82	325950	99.93	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	221029	139.06	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	730585	95.91	ng	0.00
79) Terphenyl-d14	20.06	244	1329189	100.98	ng	0.00

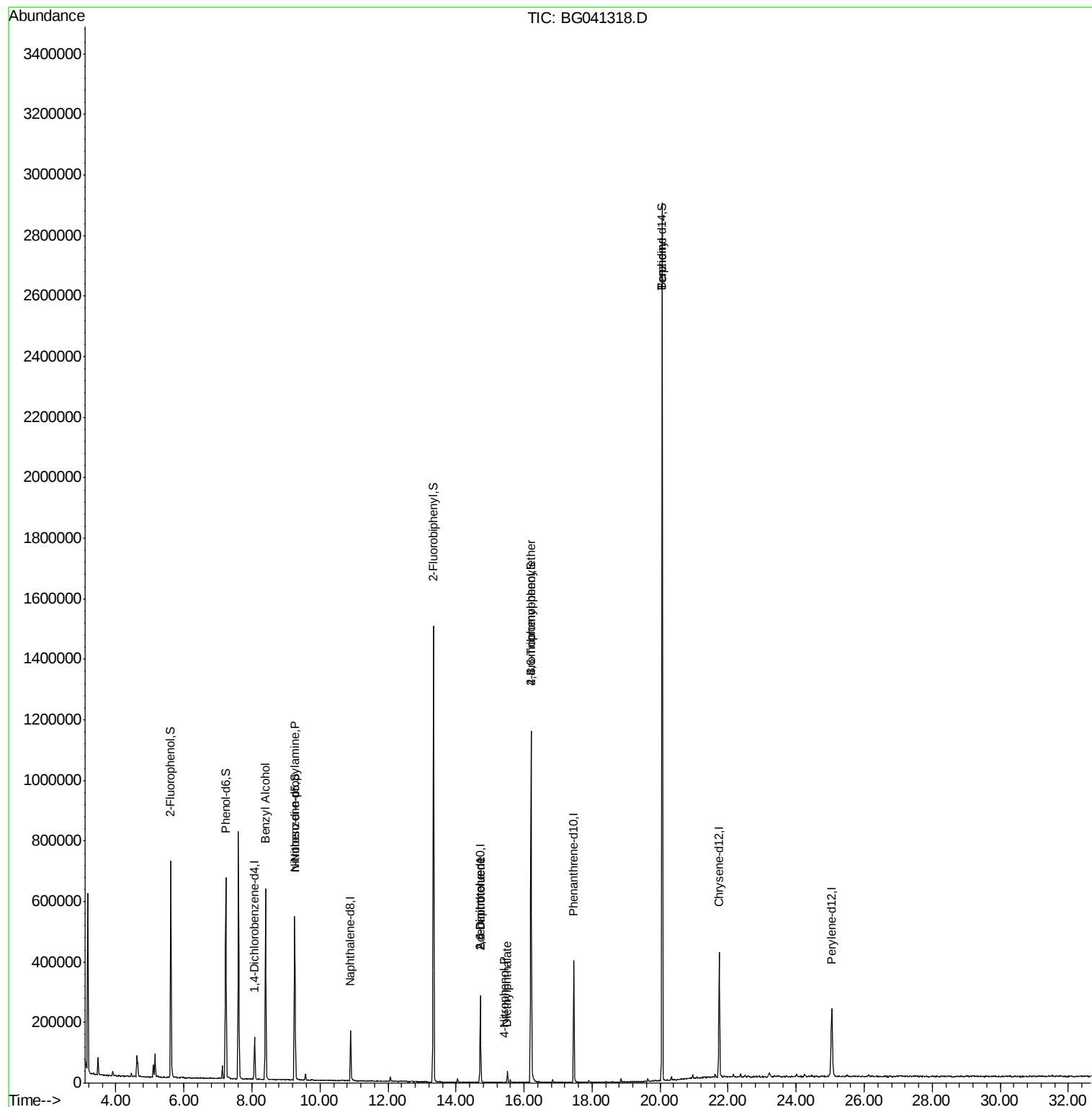
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.41	79	5678	2.131	ng	# 58
19) n-Nitroso-di-n-propylamine	9.26	70	46536	20.687	ng	# 83
51) 2,6-Dinitrotoluene	14.71	165	12067	6.212	ng	# 18
56) 4-Nitrophenol	15.42	139	56	3.253	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	12067	4.250	ng	# 22
60) Diethylphthalate	15.52	149	21407	2.286	ng	# 97
67) 4-Bromophenyl-phenylether	16.21	248	15884	4.813	ng	# 1
77) Benzidine	20.06	184	23914	3.790	ng	# 91

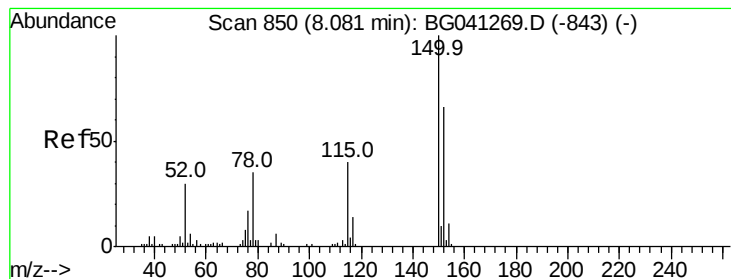
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
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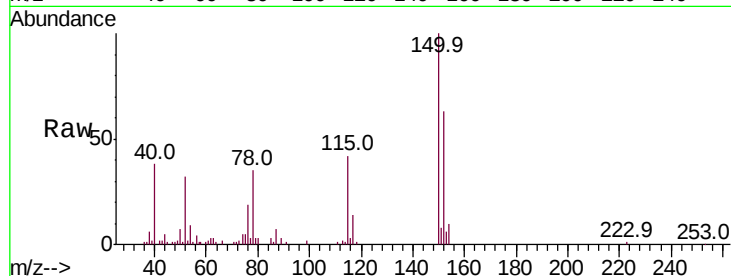


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	120.6	181.0
115	66.3	47.9	71.9

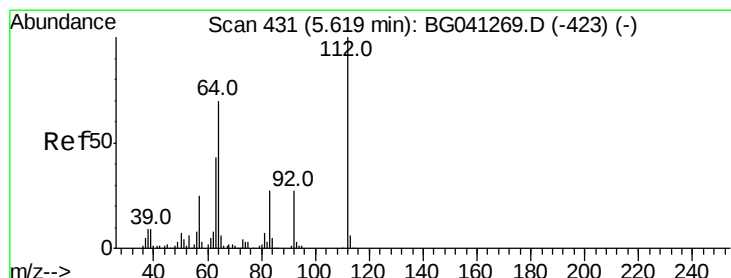
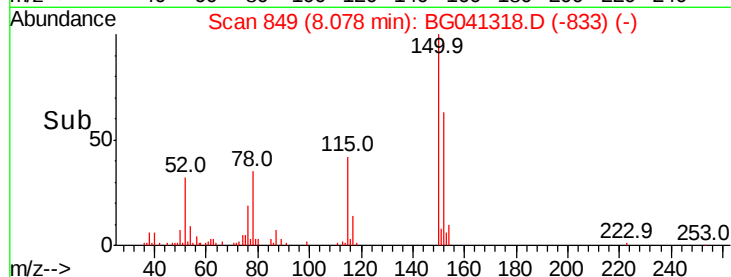
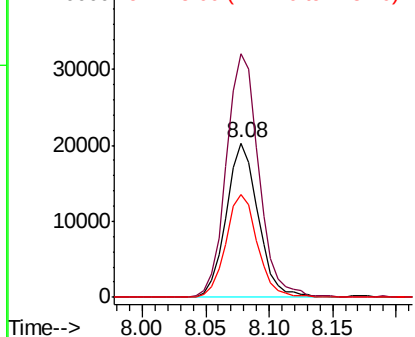


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

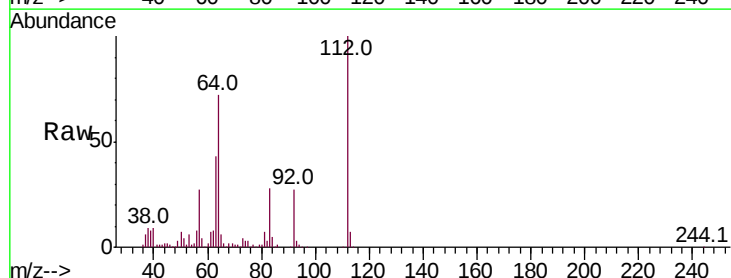
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.126 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.00 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	55.9	83.9
63	42.9	34.6	51.8

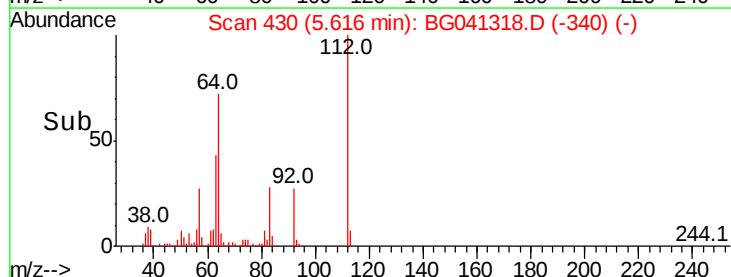
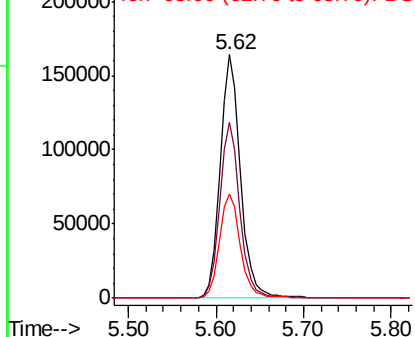


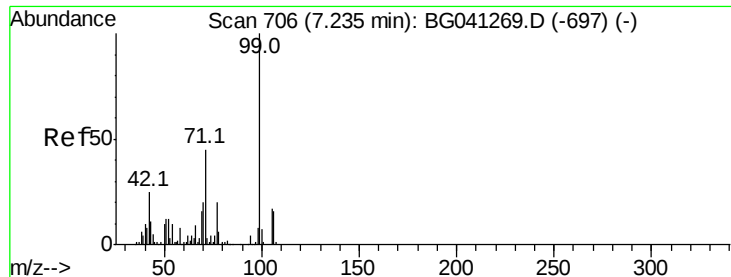
Abundance

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: 117.650 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041318.D

Acq: 19 Jun 2019 5:29

Instrument :

BNA_G

ClientSampleId :

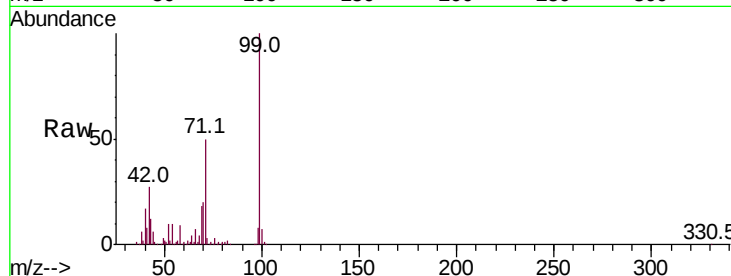
Tot Ion: 99 Resp: 327230

Ion Ratio Lower Upper

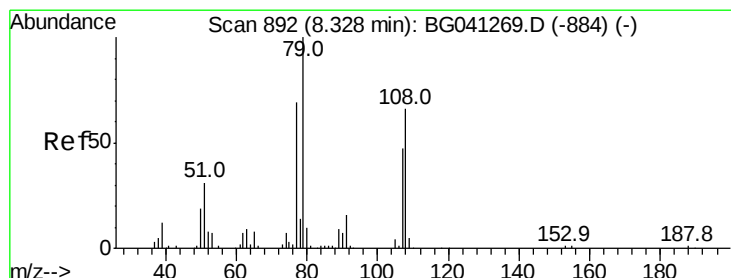
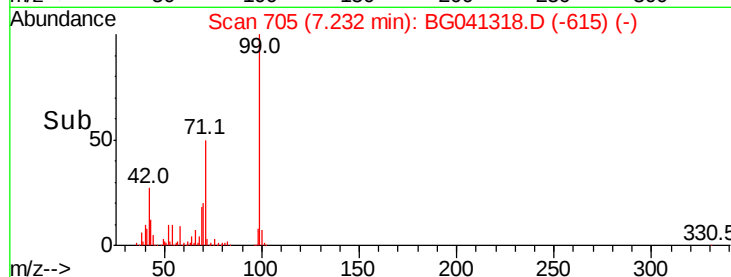
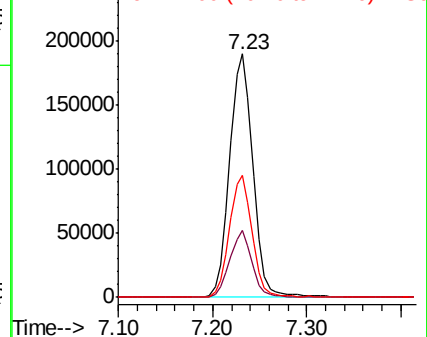
99 100

42 27.5 19.9 29.9

71 50.3 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: 2.131 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.08 min

Lab File: BG041318.D

Acq: 19 Jun 2019 5:29

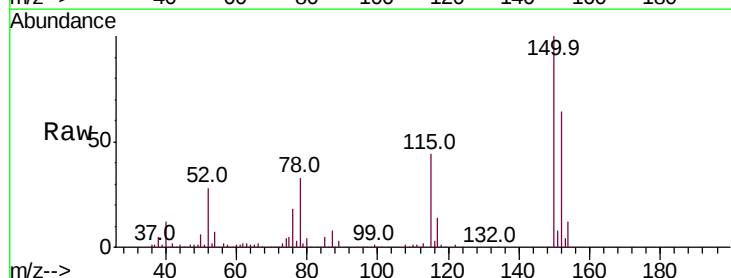
Tgt Ion: 79 Resp: 5678

Ion Ratio Lower Upper

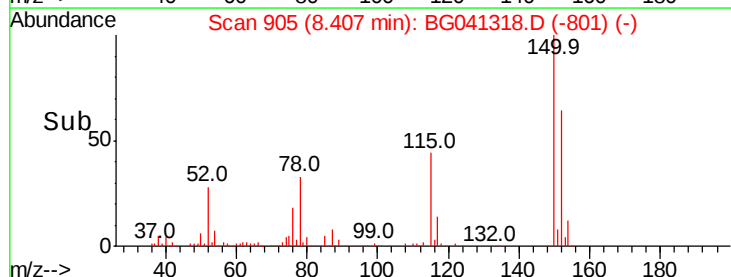
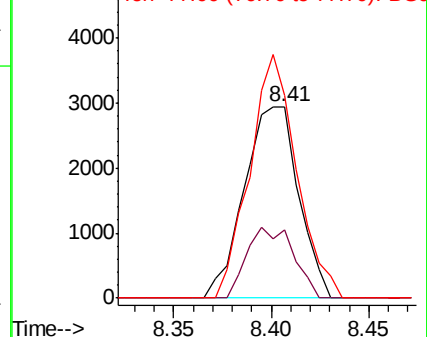
79 100

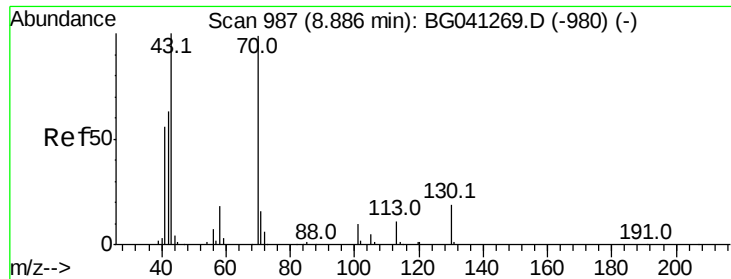
108 35.6 52.7 79.1#

77 106.1 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

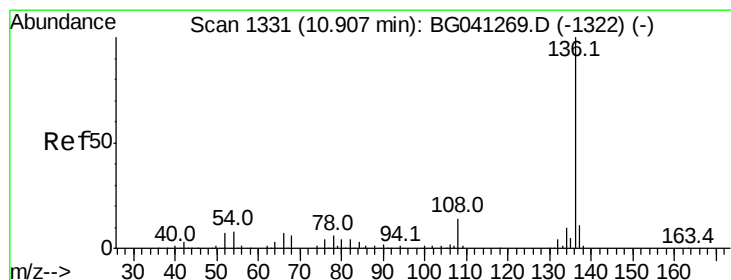
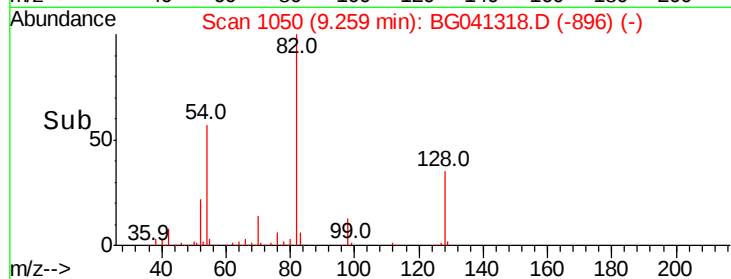
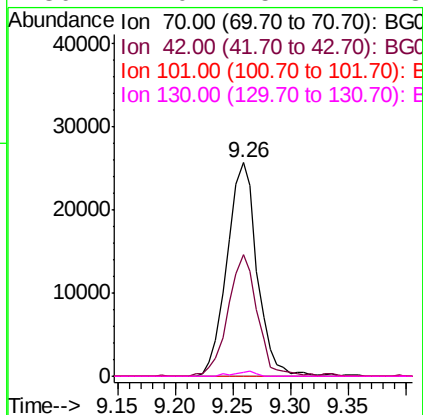
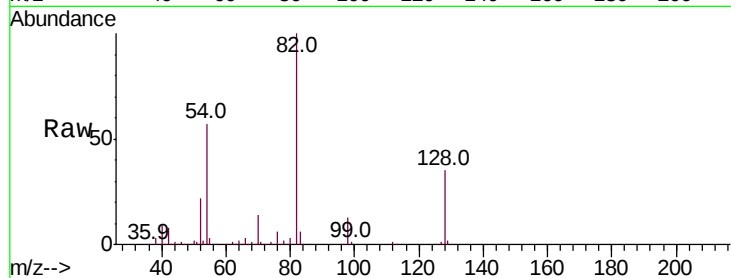




#19
n-Nitroso-di-n-propylamine
Concen: 20.687 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.37 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

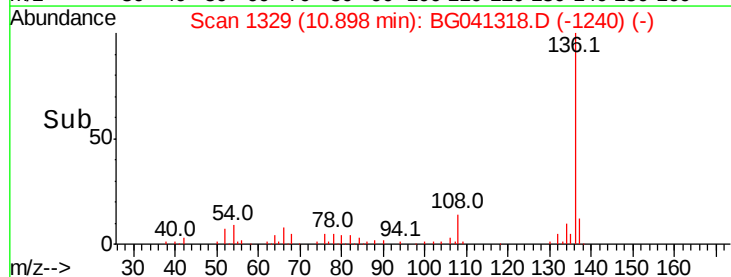
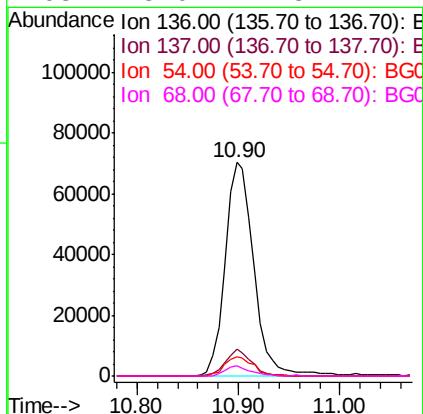
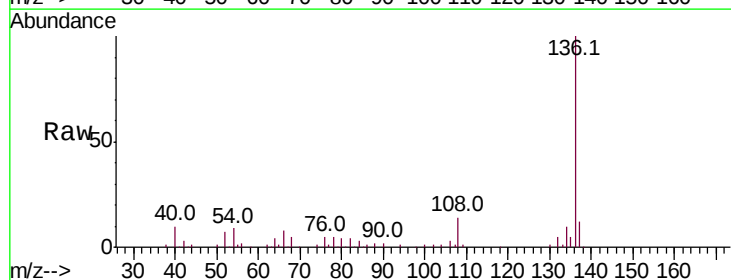
Instrument :
BNA_G
ClientSampleId :

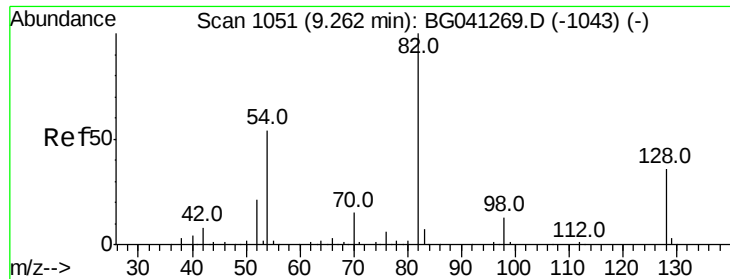
Tot Ion: 70 Resp: 46536
Ion Ratio Lower Upper
70 100
42 57.0 51.4 77.2
101 0.0 8.2 12.2#
130 2.0 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Tgt Ion: 136 Resp: 137179
Ion Ratio Lower Upper
136 100
137 12.5 8.8 13.2
54 9.1 6.4 9.6
68 5.0 4.8 7.2

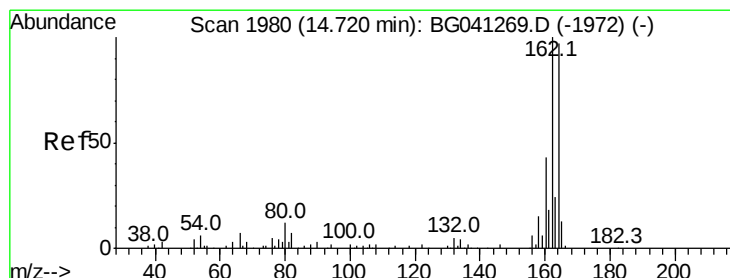
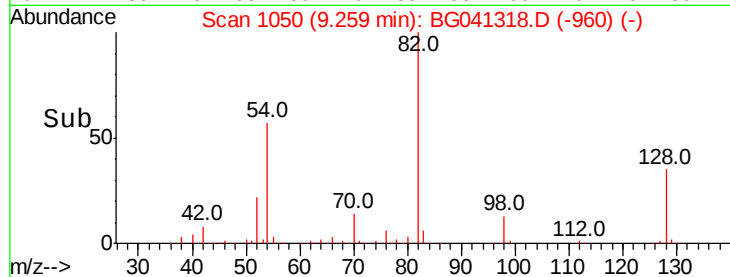
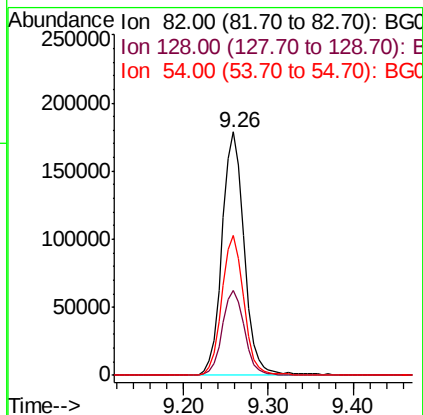
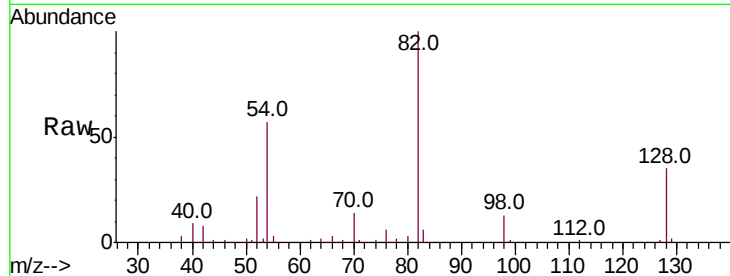




#23
 Nitrobenzene-d5
 Concen: 99.929 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG041318.D
 Acq: 19 Jun 2019 5:29

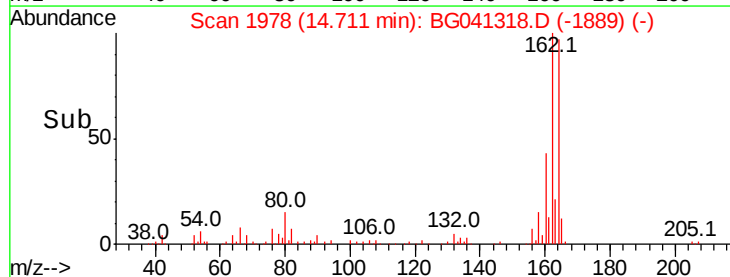
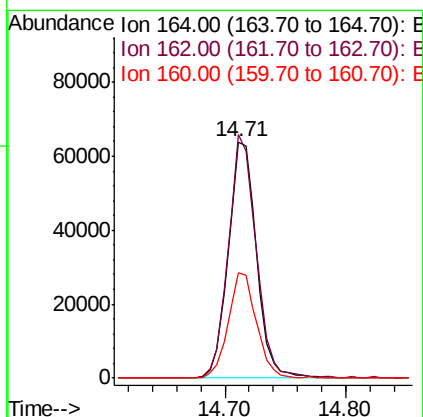
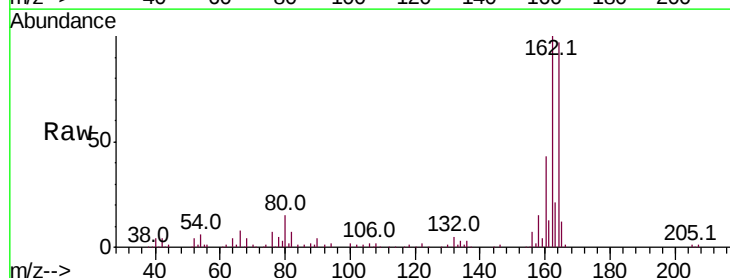
Instrument :
 BNA_G
 ClientSampled :

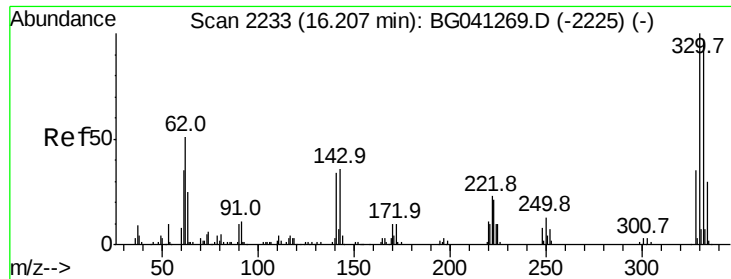
Tot Ion: 82 Resp: 325950
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.2 43.8
 54 57.3 43.4 65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG041318.D
 Acq: 19 Jun 2019 5:29

Tgt Ion: 164 Resp: 103536
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 44.6 35.8 53.8

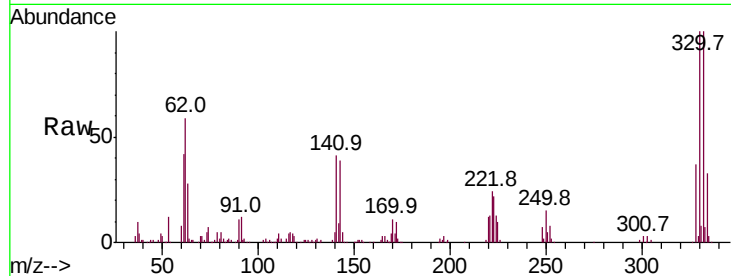




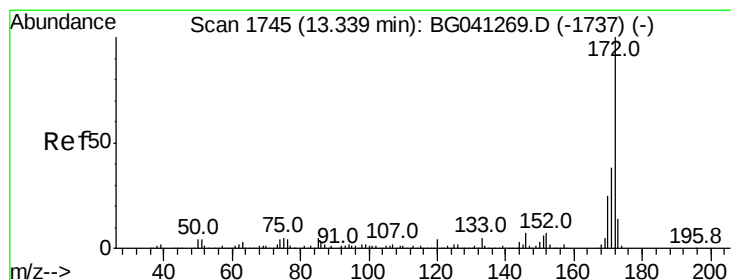
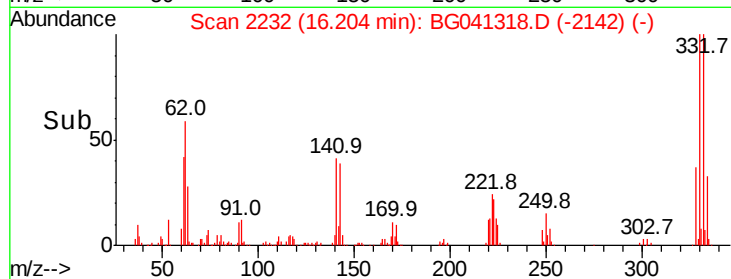
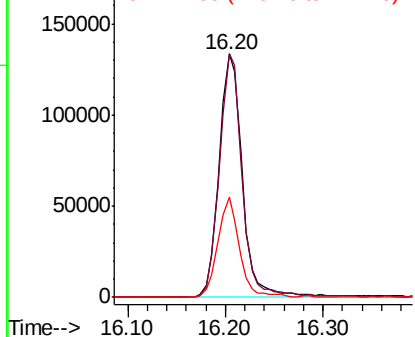
#42
 2,4,6-Tribromophenol
 Concen: 139.055 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG041318.D
 Acq: 19 Jun 2019 5:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	75.5	113.3
141	38.1	29.0	43.4

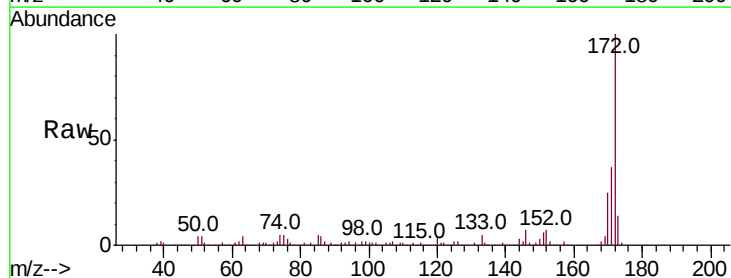


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

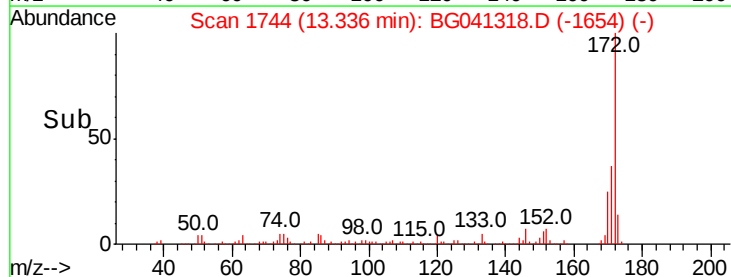
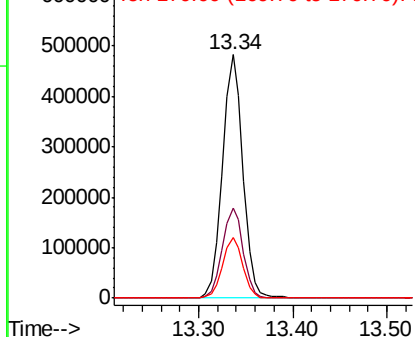


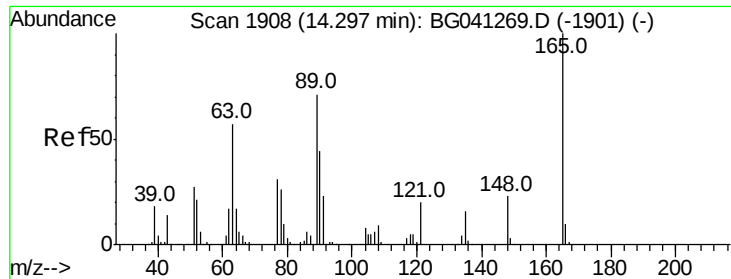
#45
 2-Fluorobiphenyl
 Concen: 95.907 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041318.D
 Acq: 19 Jun 2019 5:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.1	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

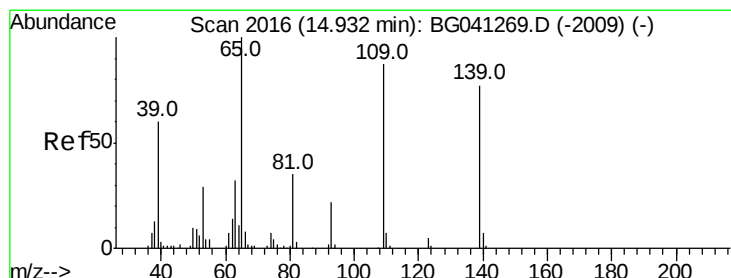
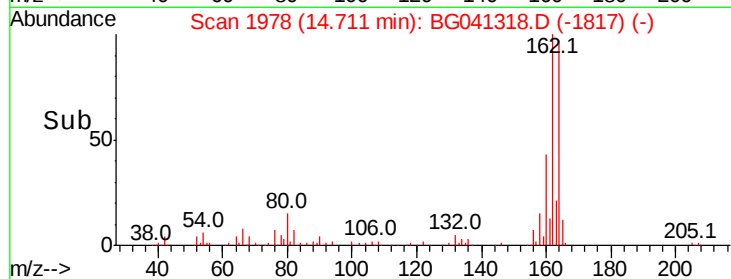
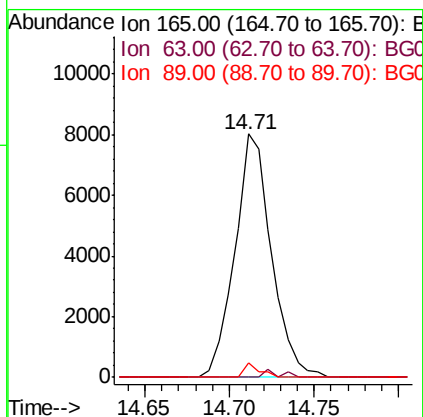
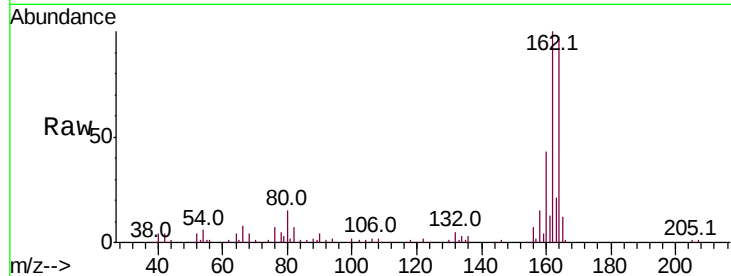




#51
 2,6-Dinitrotoluene
 Concen: 6.212 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. 0.41 min
 Lab File: BG041318.D
 Acq: 19 Jun 2019 5:29

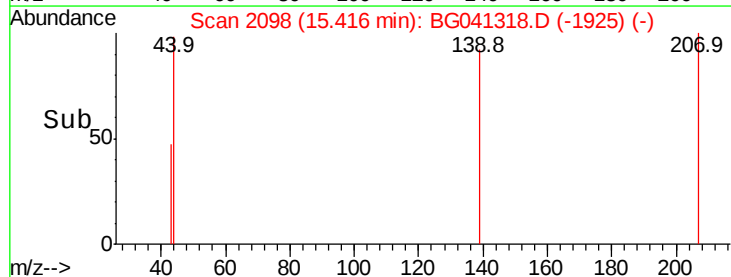
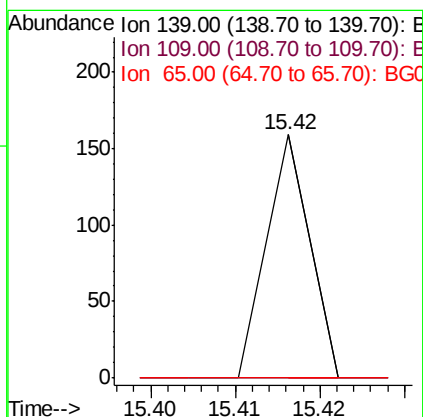
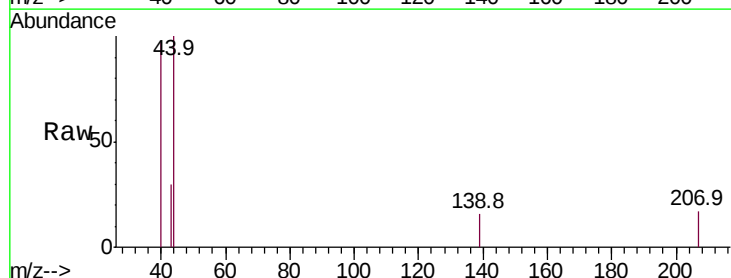
Instrument :
 BNA_G
 ClientSampled :

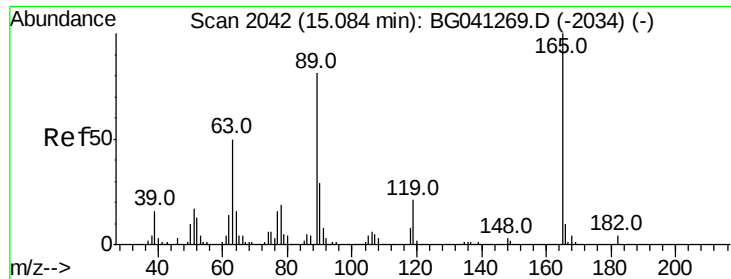
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	6.0	56.5	84.7#



#56
 4-Nitrophenol
 Concen: 3.253 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. 0.49 min
 Lab File: BG041318.D
 Acq: 19 Jun 2019 5:29

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

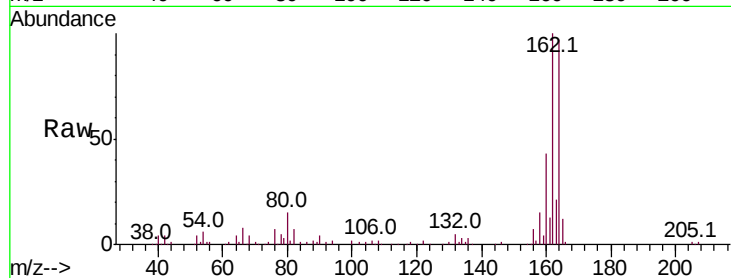




#57
2,4-Dinitrotoluene
Concen: 4.250 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.37 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	6.0	64.6	96.8#
182	0.0	2.9	4.3#



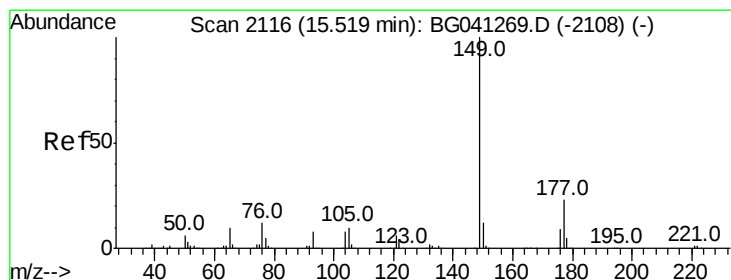
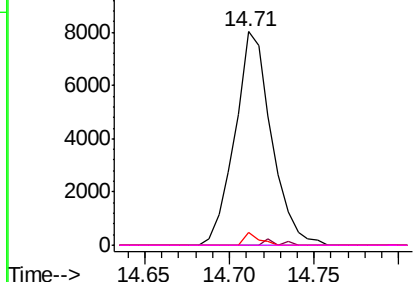
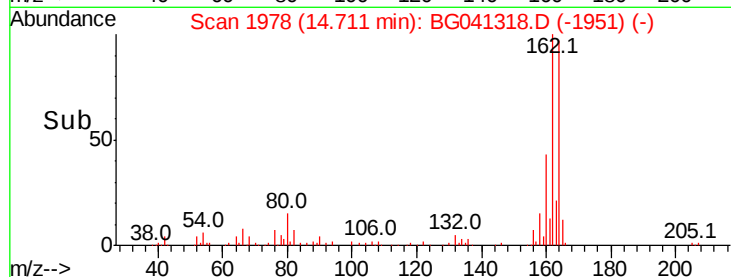
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

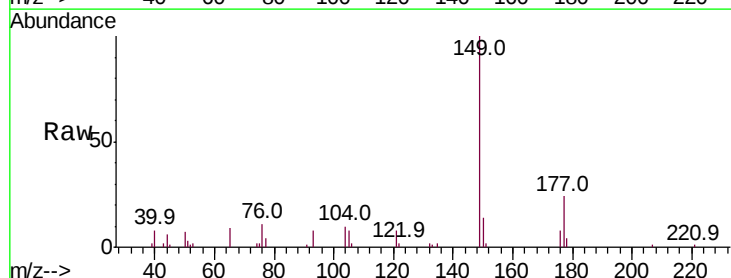
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#60
Diethylphthalate
Concen: 2.286 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.4	27.6
150	14.4	9.9	14.9

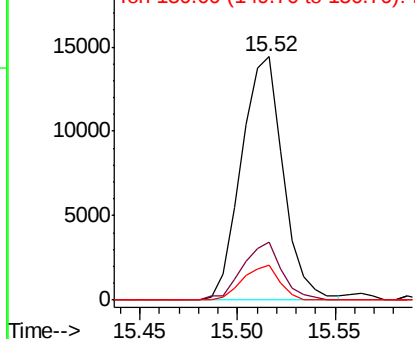
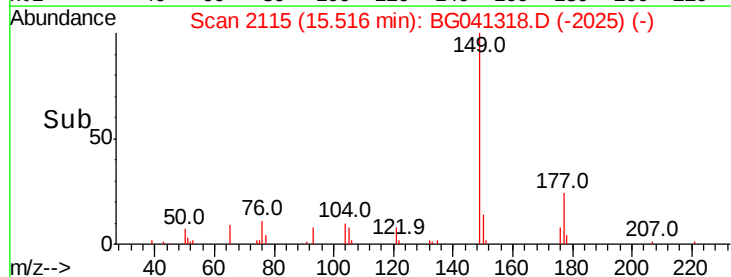


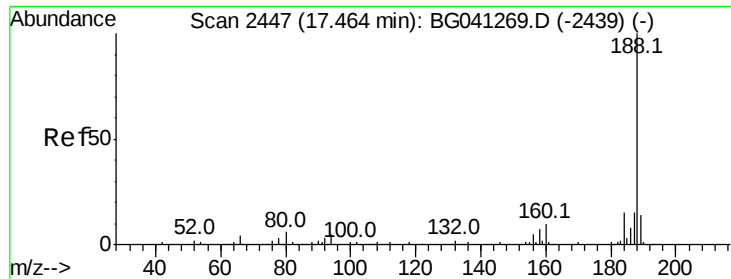
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

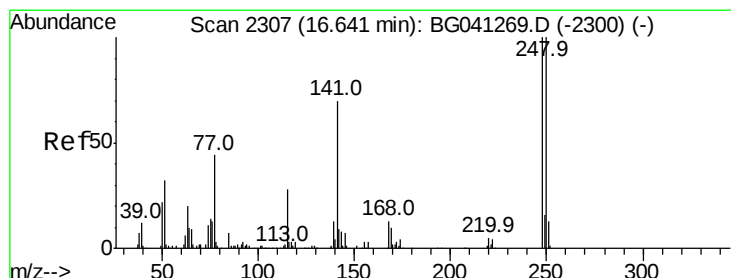
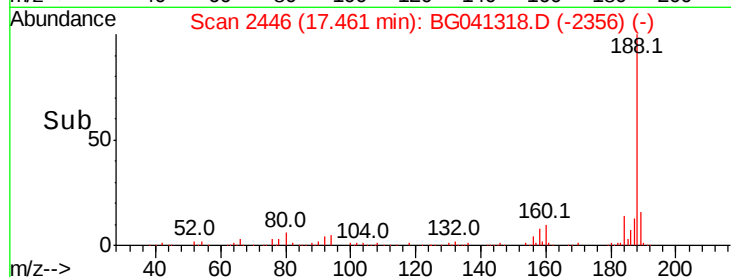
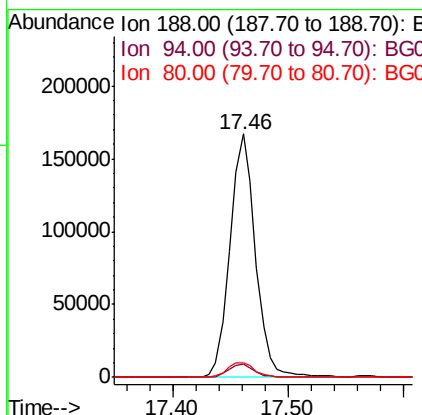
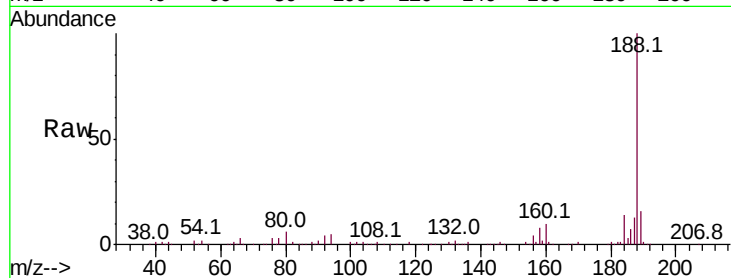




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

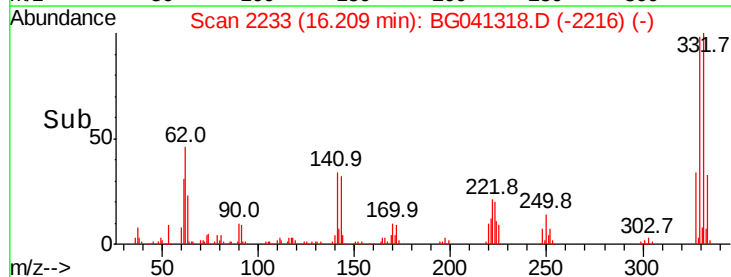
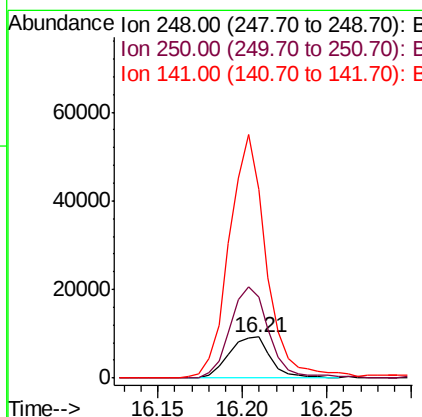
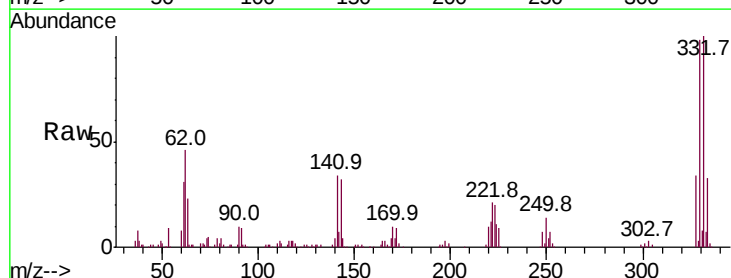
Instrument :
BNA_G
ClientSampleId :

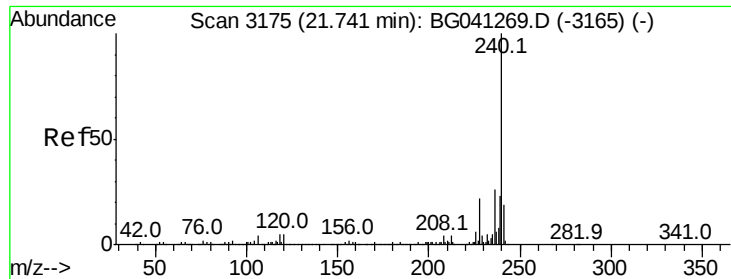
Tot Ion:188 Resp: 255211
Ion Ratio Lower Upper
188 100
94 5.3 3.6 5.4
80 6.1 4.8 7.2



#67
4-Bromophenyl-phenylether
Concen: 4.813 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Tgt Ion:248 Resp: 15884
Ion Ratio Lower Upper
248 100
250 198.6 79.8 119.8#
141 463.2 55.8 83.6#

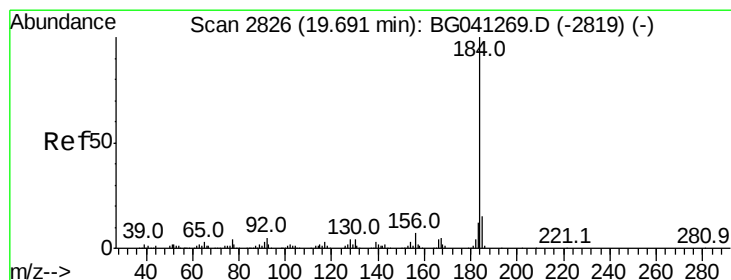
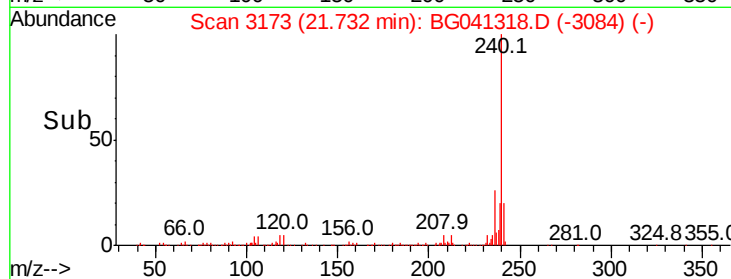
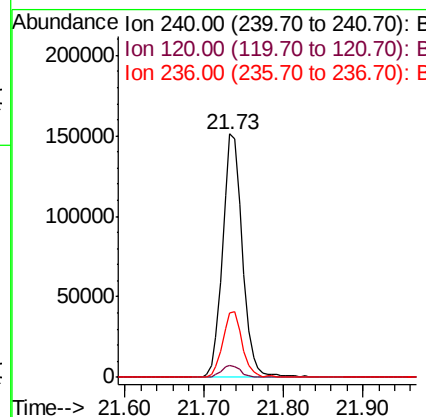
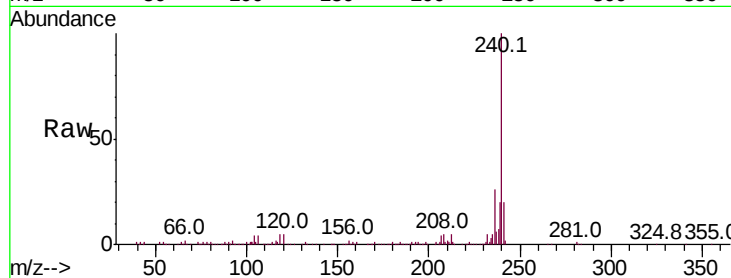




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

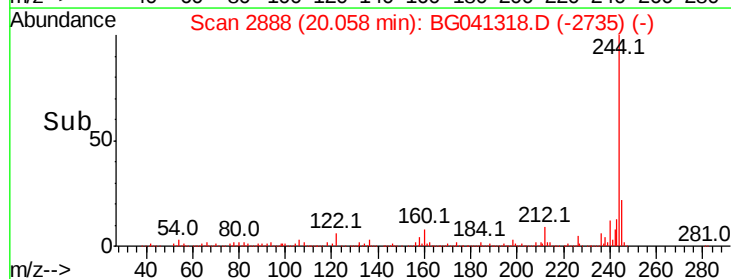
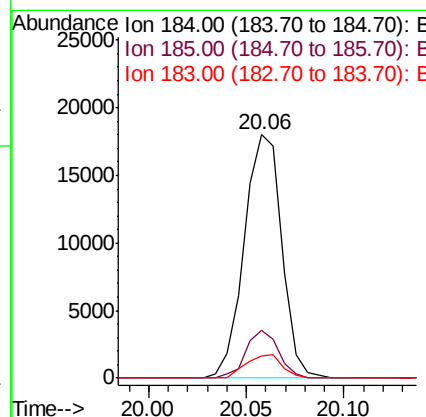
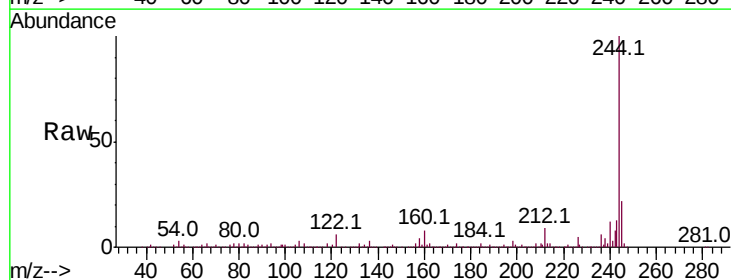
Instrument :
BNA_G
ClientSampleId :

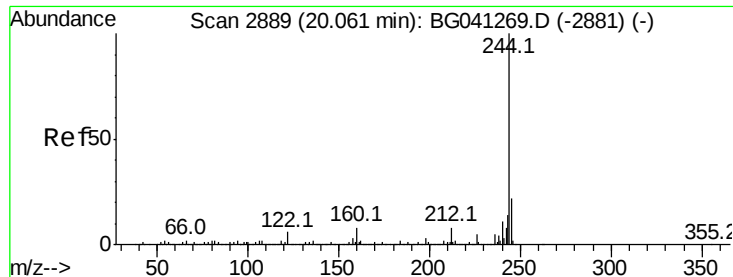
Tot Ion:240 Resp: 260867
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 26.2 21.1 31.7



#77
Benzidine
Concen: 3.790 ng
RT: 20.06 min Scan# 2888
Delta R.T. 0.37 min
Lab File: BG041318.D
Acq: 19 Jun 2019 5:29

Tgt Ion:184 Resp: 23914
Ion Ratio Lower Upper
184 100
185 19.7 12.2 18.2#
183 9.3 9.6 14.4#





#79

Terphenyl-d14

Concen: 100.978 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041318.D

Acq: 19 Jun 2019 5:29

Instrument :

BNA_G

ClientSampleId :

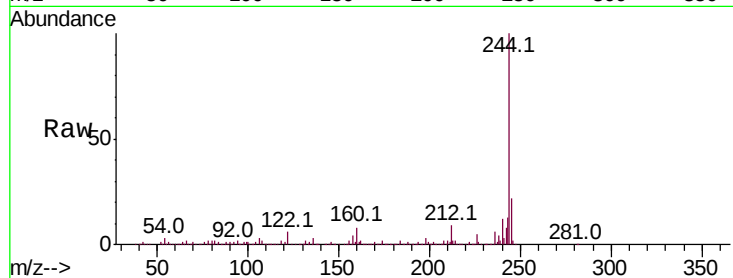
Tot Ion:244 Resp: 1329189

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

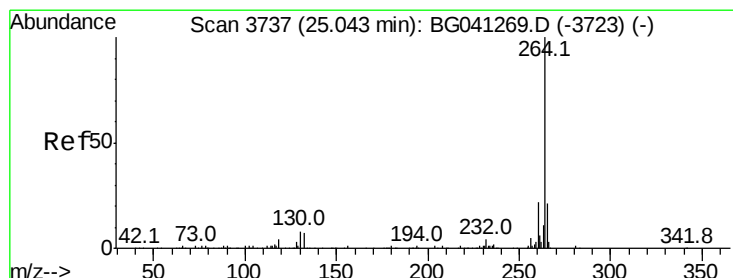
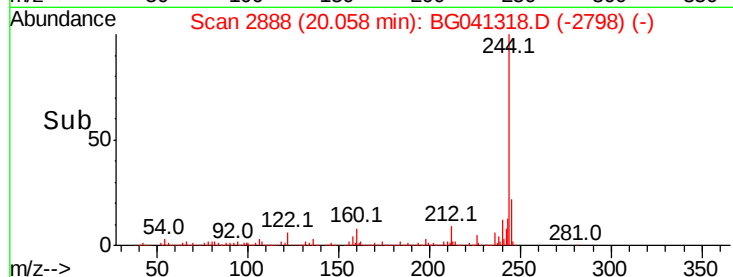
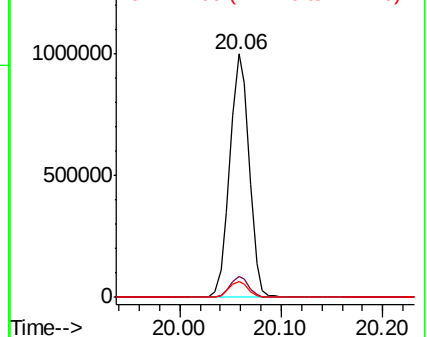
122 6.5 5.0 7.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041318.D

Acq: 19 Jun 2019 5:29

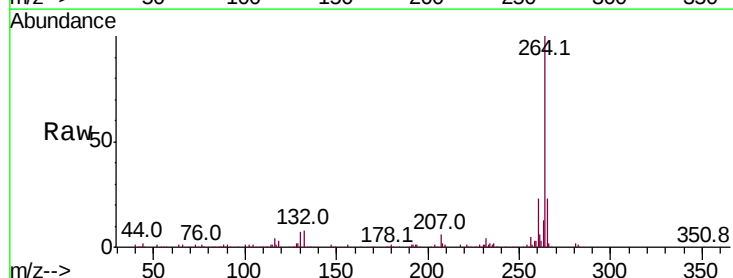
Tgt Ion:264 Resp: 272751

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.2

265 23.4 17.2 25.8



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

