

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041285.D
 Acq On : 18 Jun 2019 00:07
 Operator : HP/JU
 Sample : K3154-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 07:46:26 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

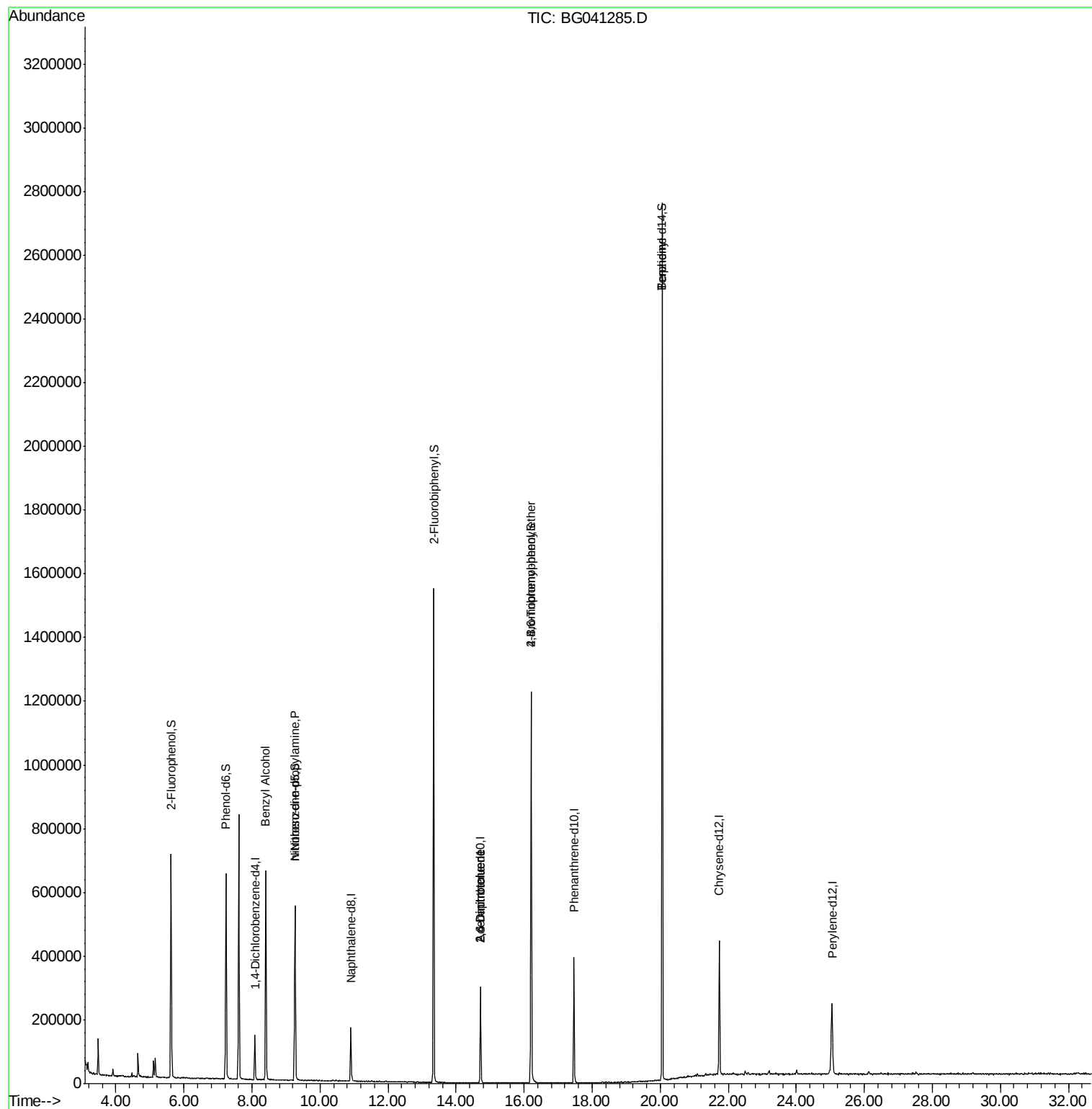
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38258	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	144513	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	105021	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	256364	20.00	ng	0.00
76) Chrysene-d12	21.74	240	256773	20.00	ng	0.00
87) Perylene-d12	25.04	264	270099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	266365	127.93	ng	0.00
7) Phenol-d6	7.24	99	325889	107.98	ng	0.00
23) Nitrobenzene-d5	9.26	82	332293	96.70	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	232441	144.17	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	762822	98.72	ng	0.00
79) Terphenyl-d14	20.06	244	1284931	99.17	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.41	79	6585	2.277	ng	# 69
19) n-Nitroso-di-n-propylamine	9.26	70	46213	18.932	ng	# 81
51) 2,6-Dinitrotoluene	14.71	165	13000	6.598	ng	# 15
57) 2,4-Dinitrotoluene	14.71	165	13000	4.514	ng	# 18
67) 4-Bromophenyl-phenylether	16.21	248	16857	5.085	ng	# 1
77) Benzidine	20.06	184	21528	3.466	ng	# 96

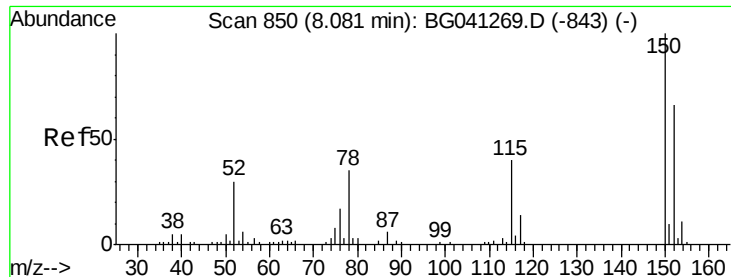
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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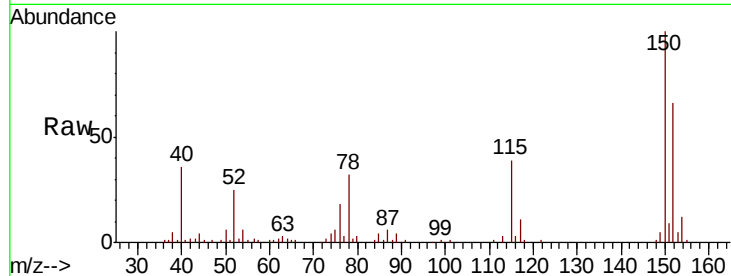


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	120.6	181.0
115	60.2	47.9	71.9

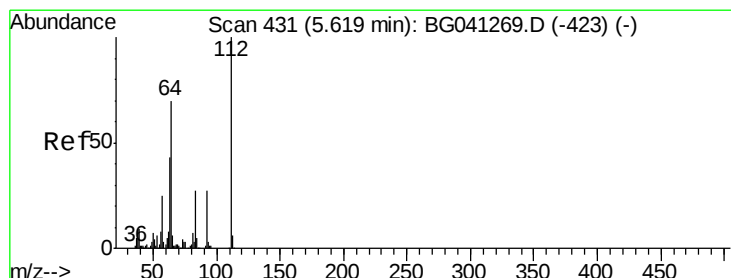
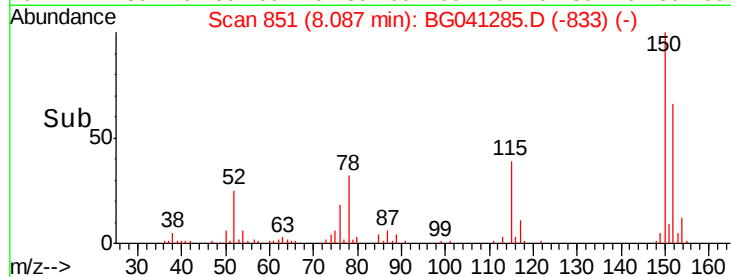
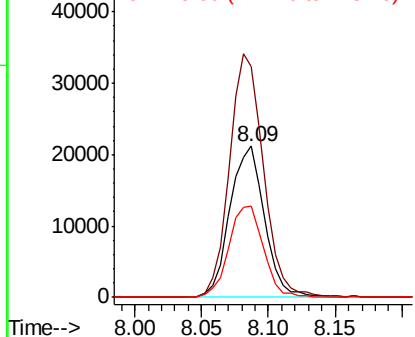


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

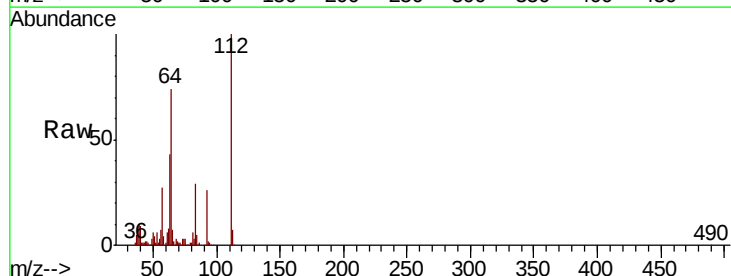
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.927 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	55.9	83.9
63	42.9	34.6	51.8

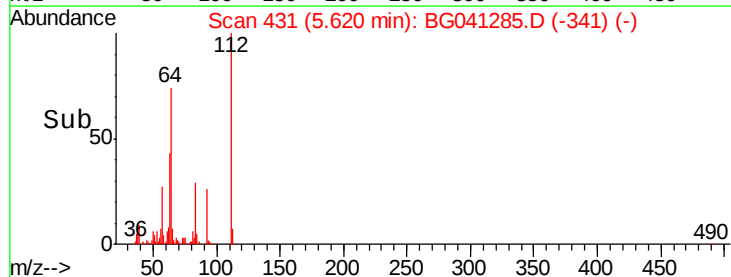
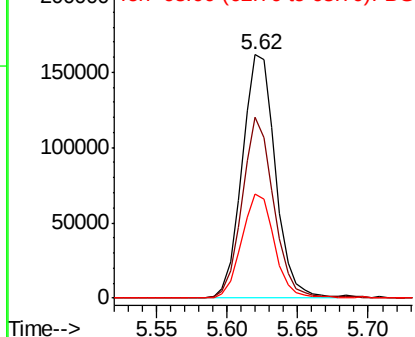


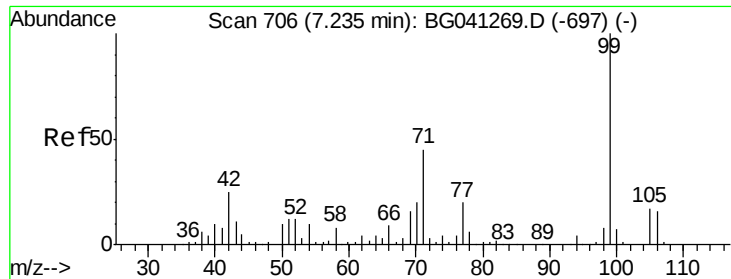
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.978 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Instrument :

BNA_G

ClientSampleId :

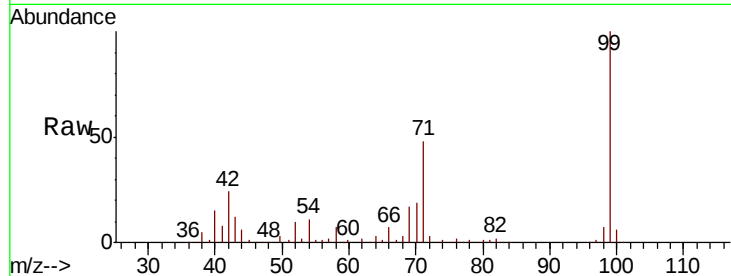
Tot Ion: 99 Resp: 325889

Ion Ratio Lower Upper

99 100

42 24.4 19.9 29.9

71 47.9 36.4 54.6

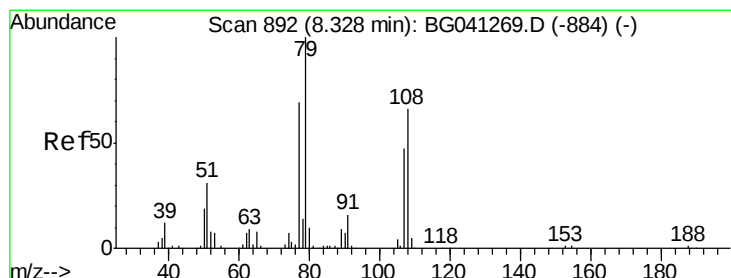
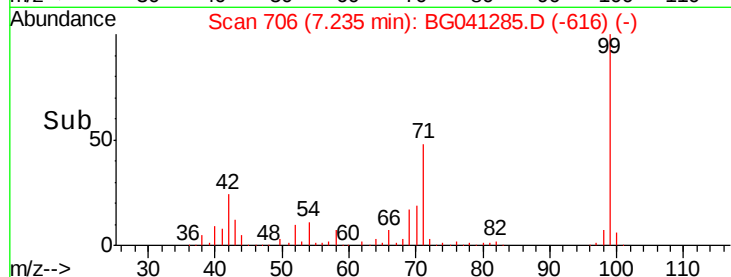
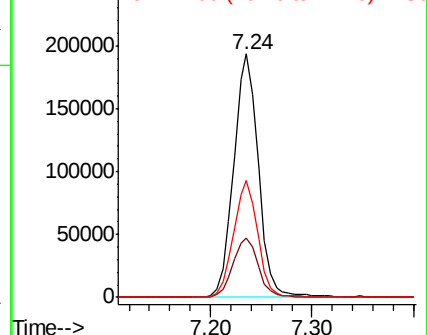


Abundance

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: 2.277 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.08 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

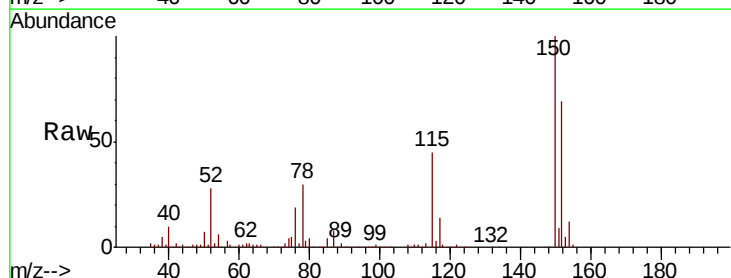
Tgt Ion: 79 Resp: 6585

Ion Ratio Lower Upper

79 100

108 26.2 52.7 79.1#

77 79.5 55.2 82.8

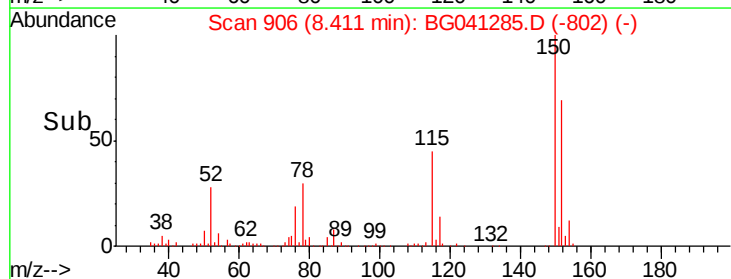
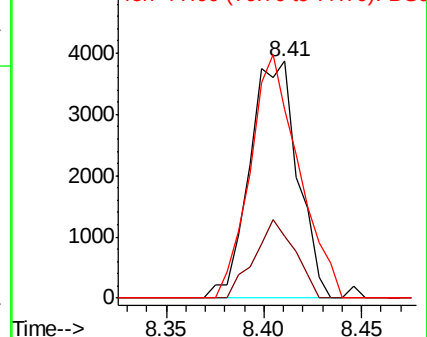


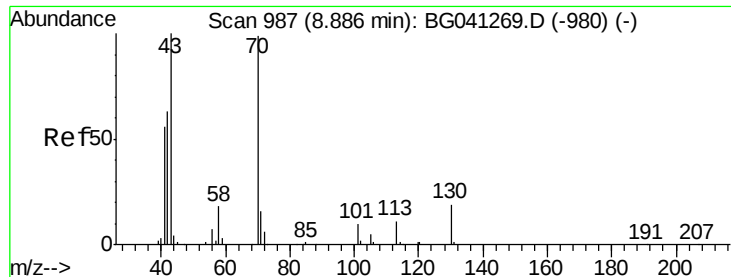
Abundance

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

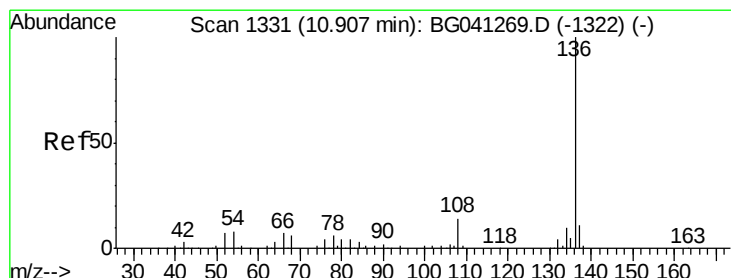
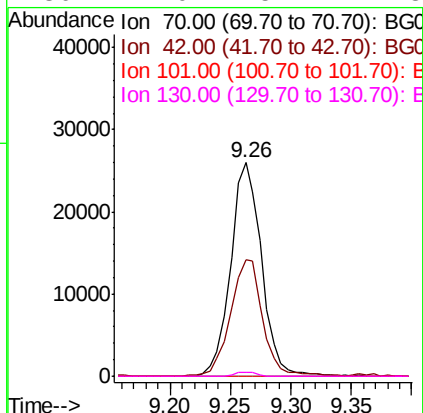
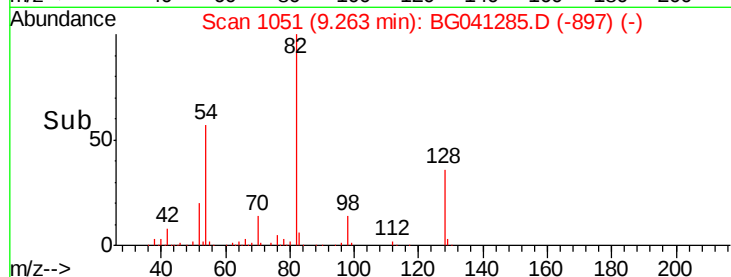
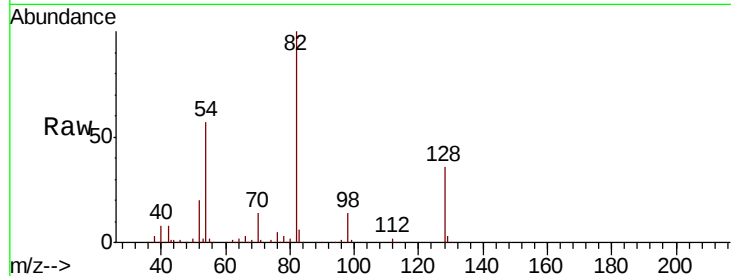




#19
n-Nitroso-di-n-propylamine
Concen: 18.932 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

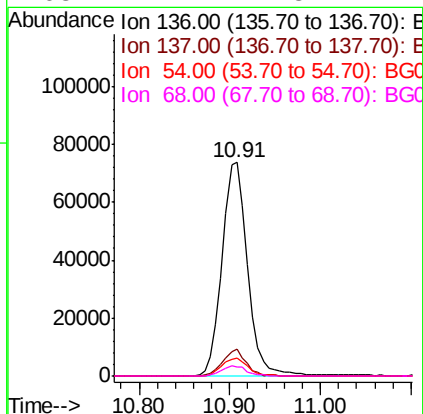
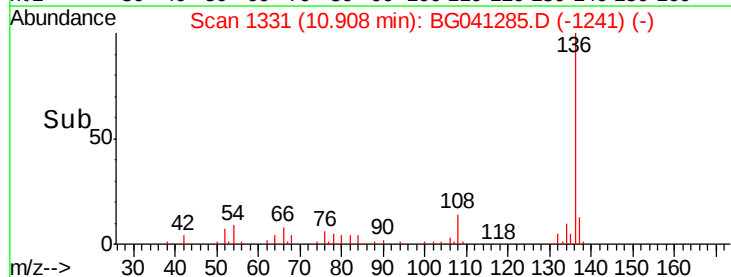
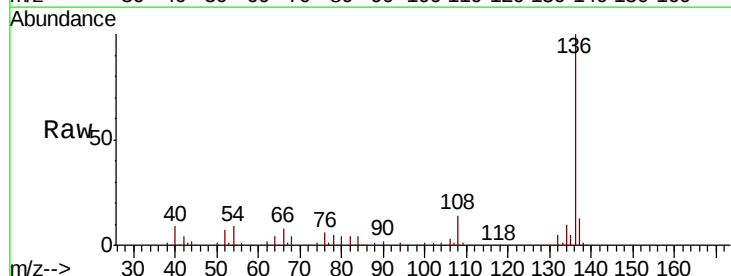
Instrument :
BNA_G
ClientSampleId :

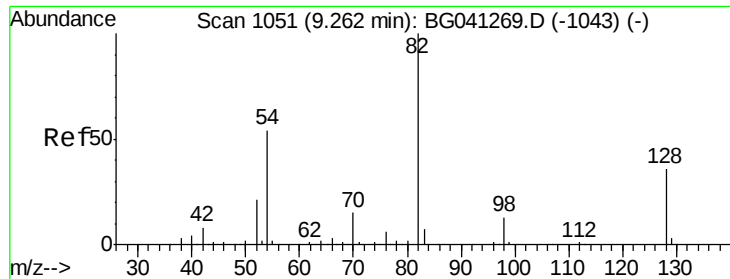
Tot Ion: 70 Resp: 46213
Ion Ratio Lower Upper
70 100
42 54.8 51.4 77.2
101 0.0 8.2 12.2#
130 2.0 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

Tgt Ion: 136 Resp: 144513
Ion Ratio Lower Upper
136 100
137 12.9 8.8 13.2
54 8.5 6.4 9.6
68 4.1 4.8 7.2#

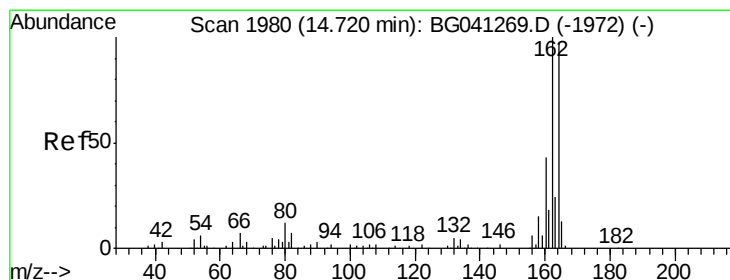
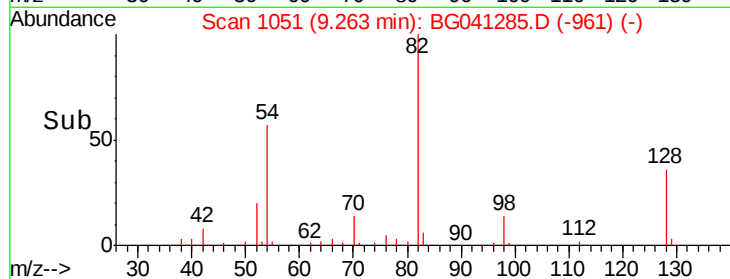
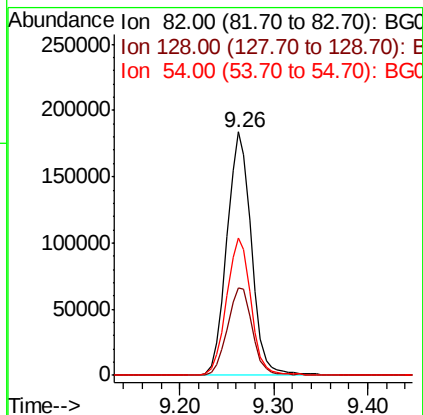
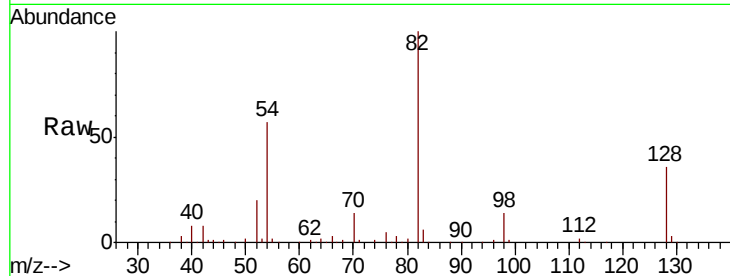




#23
 Nitrobenzene-d5
 Concen: 96.704 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

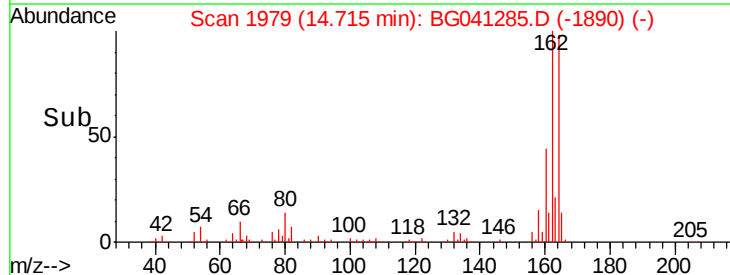
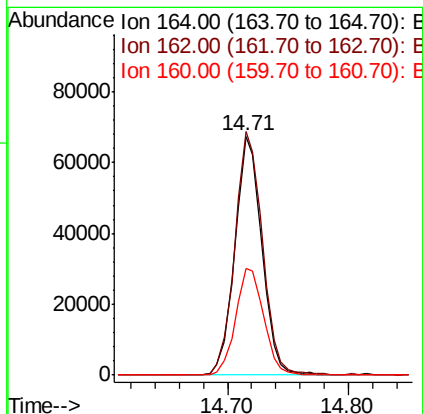
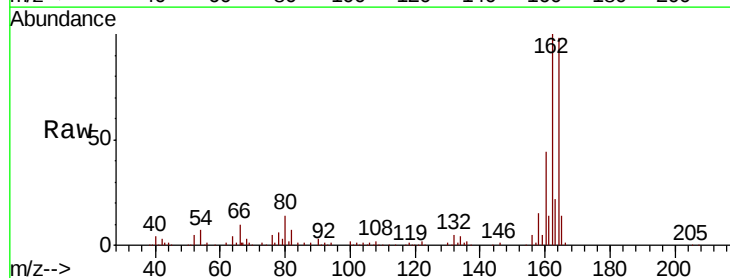
Instrument :
 BNA_G
 ClientSampled :

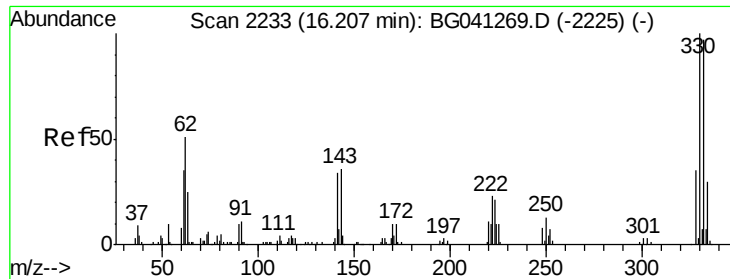
Tot Ion	82	Resp	332293
Ion Ratio	100	Lower	Upper
128	35.9	29.2	43.8
54	56.6	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

Tgt Ion	164	Resp	105021
Ion Ratio	100	Lower	Upper
162	102.0	82.8	124.2
160	44.5	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 144.167 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Instrument :

BNA_G

ClientSampleId :

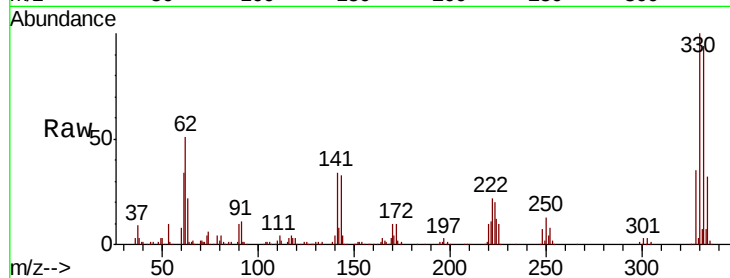
Tot Ion:330 Resp: 232441

Ion Ratio Lower Upper

330 100

332 96.6 75.5 113.3

141 36.7 29.0 43.4

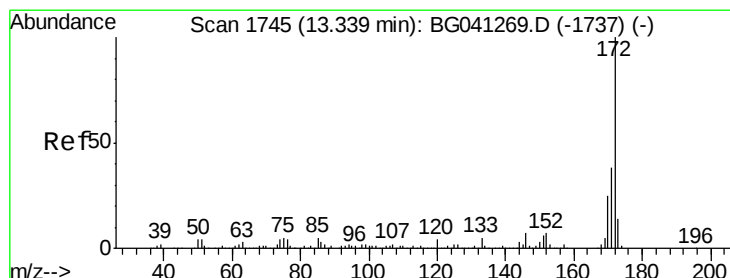
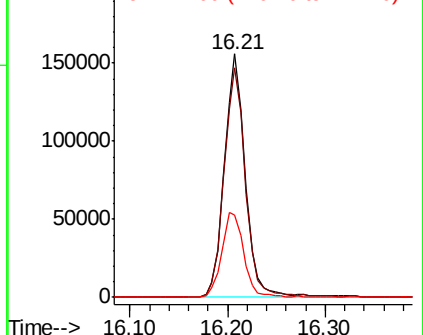
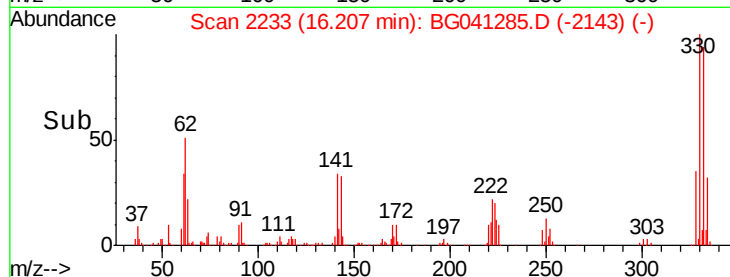


Abundance

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: 98.723 ng

RT: 13.34 min Scan# 1745

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

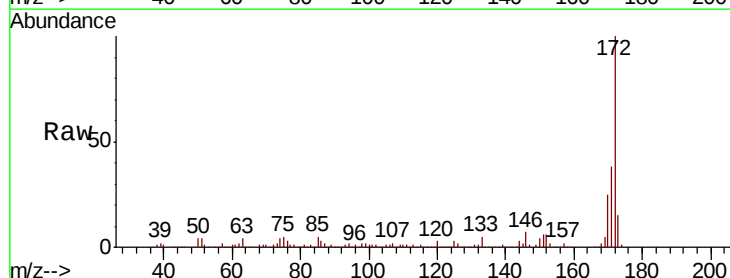
Tgt Ion:172 Resp: 762822

Ion Ratio Lower Upper

172 100

171 38.5 30.0 45.0

170 25.0 19.8 29.6

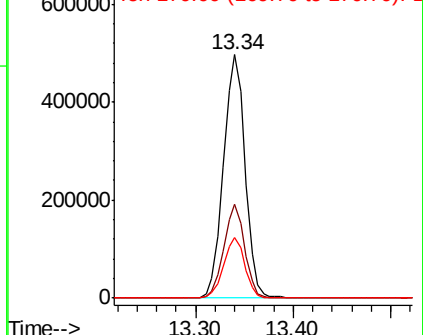
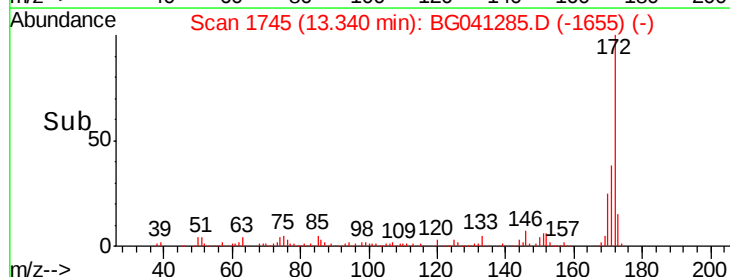


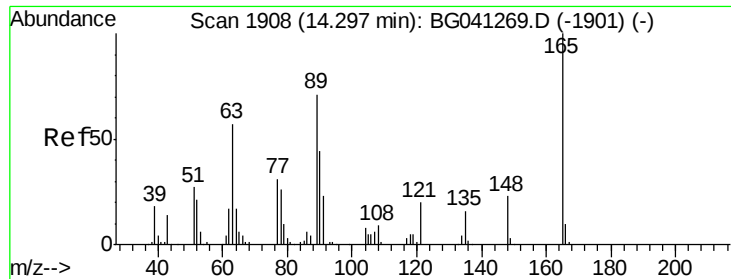
Abundance

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

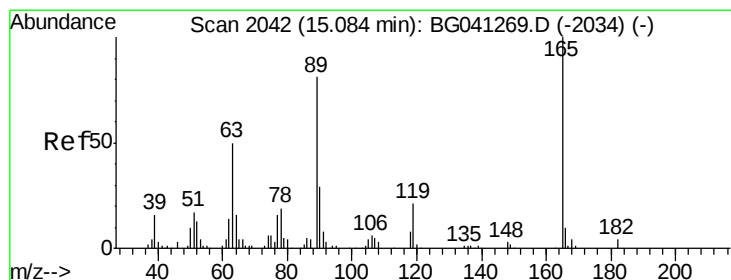
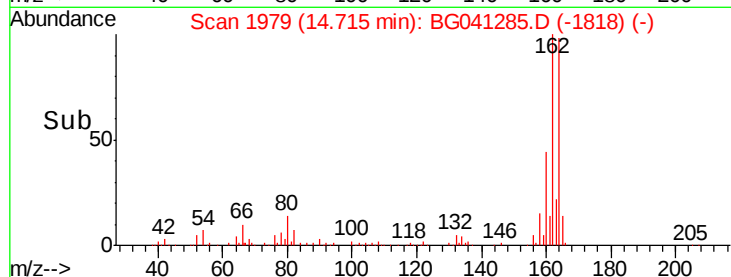
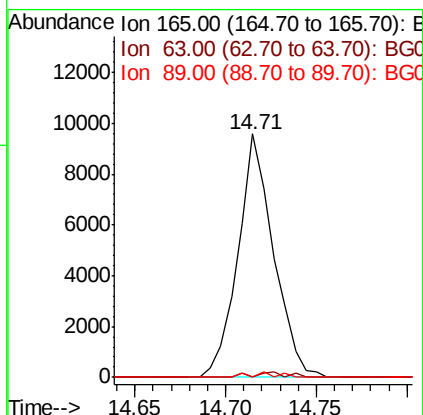
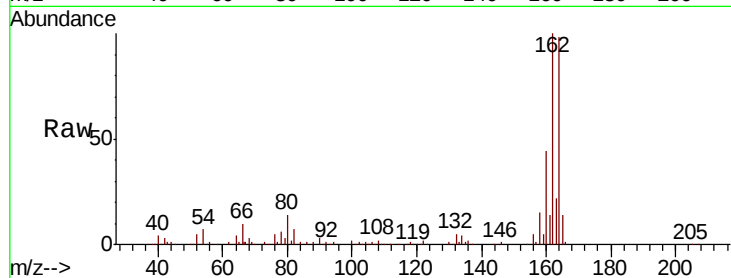




#51
2,6-Dinitrotoluene
Concen: 6.598 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.42 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

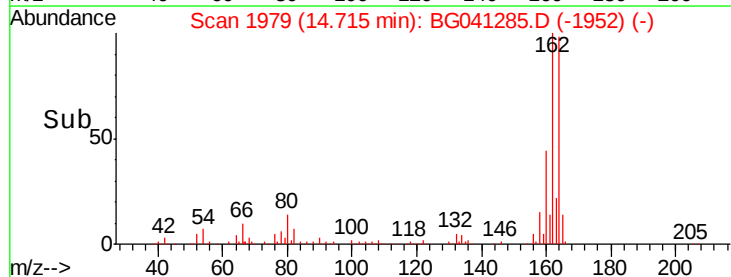
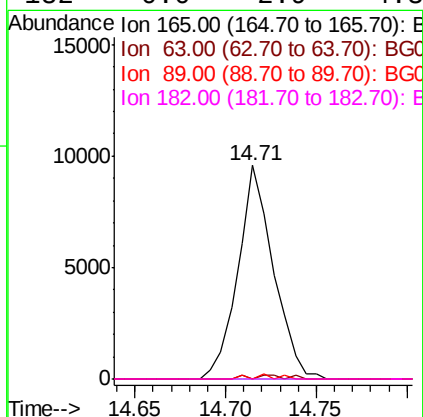
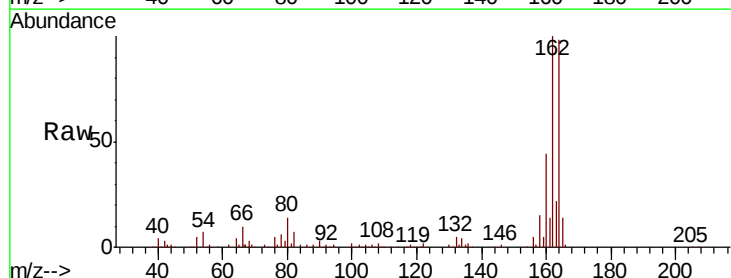
Instrument :
BNA_G
ClientSampleId :

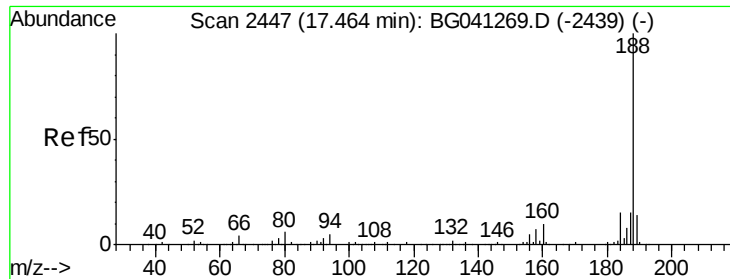
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	0.0	56.5	84.7#



#57
2,4-Dinitrotoluene
Concen: 4.514 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.37 min
Lab File: BG041285.D
Acq: 18 Jun 2019 00:07

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Instrument :

BNA_G

ClientSampleId :

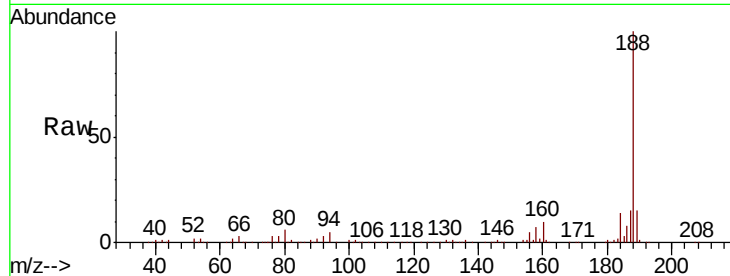
Tot Ion:188 Resp: 256364

Ion Ratio Lower Upper

188 100

94 5.1 3.6 5.4

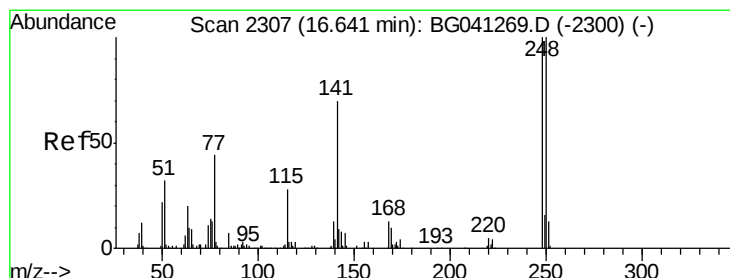
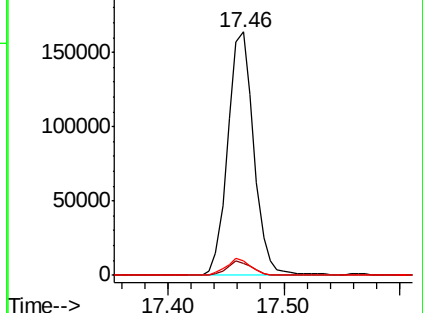
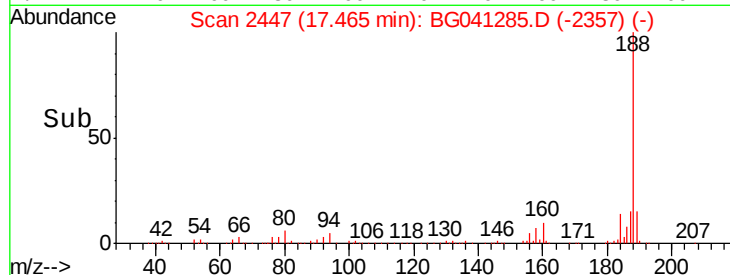
80 6.0 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.085 ng

RT: 16.21 min Scan# 2233

Delta R.T. -0.43 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

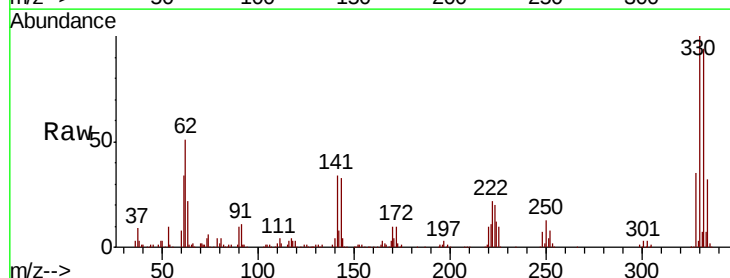
Tgt Ion:248 Resp: 16857

Ion Ratio Lower Upper

248 100

250 180.6 79.8 119.8#

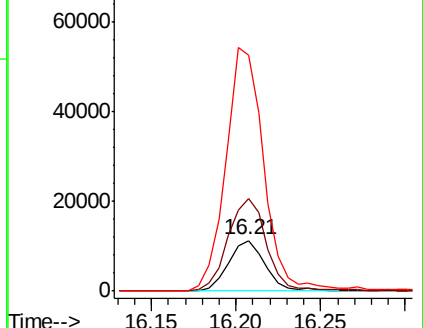
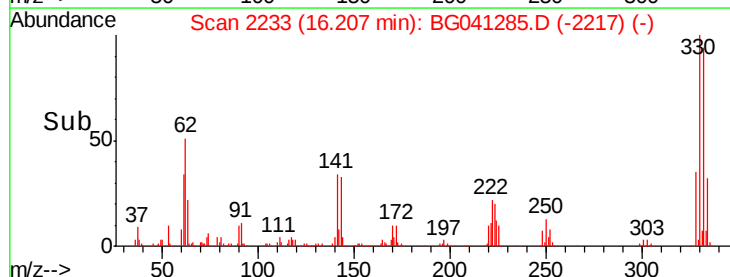
141 464.5 55.8 83.6#

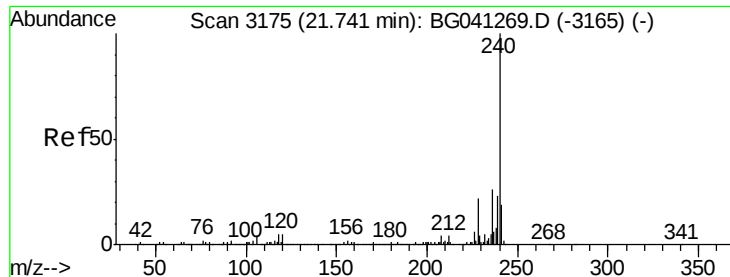


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

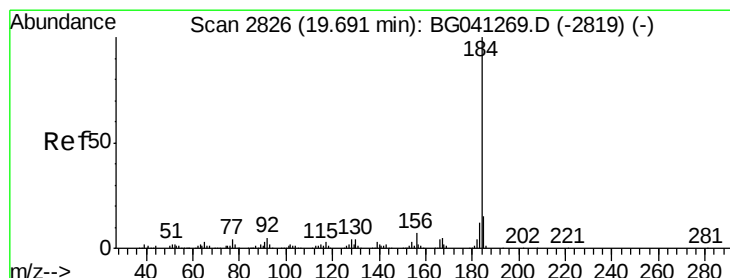
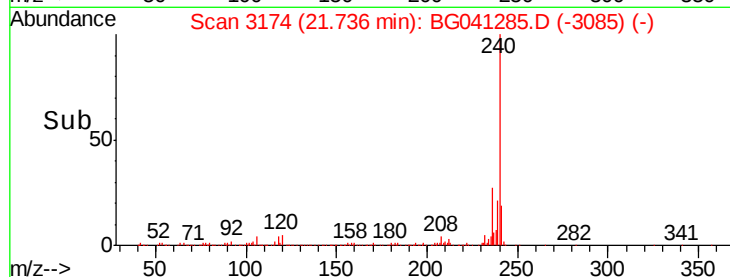
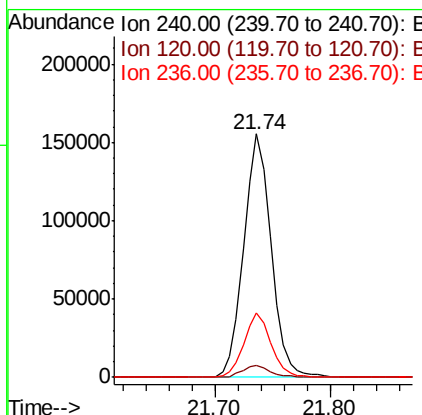
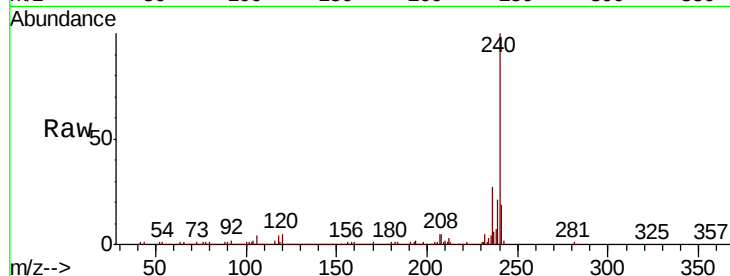




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

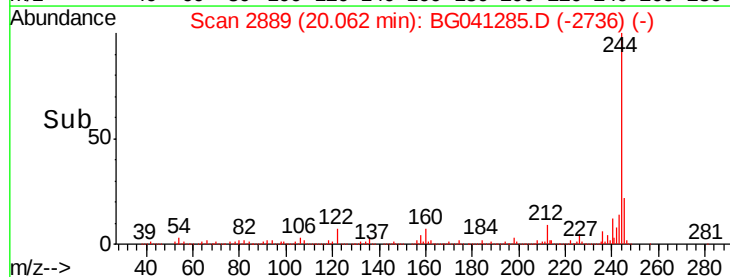
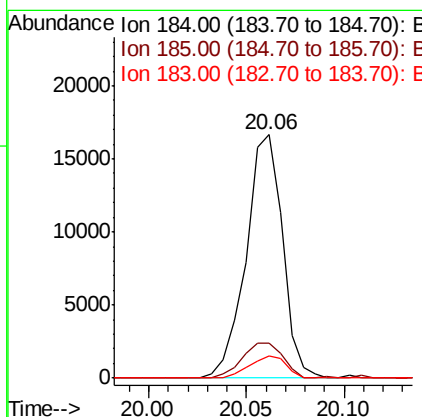
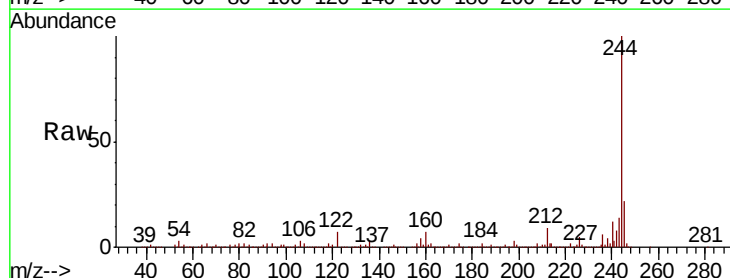
Instrument :
 BNA_G
 ClientSampleId :

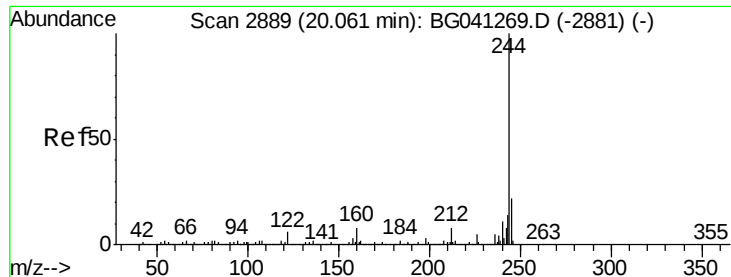
Tot Ion:240 Resp: 256773
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.7 5.5
 236 26.6 21.1 31.7



#77
 Benzidine
 Concen: 3.466 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.37 min
 Lab File: BG041285.D
 Acq: 18 Jun 2019 00:07

Tgt Ion:184 Resp: 21528
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.2 18.2
 183 9.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 99.172 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

Instrument :

BNA_G

ClientSampleId :

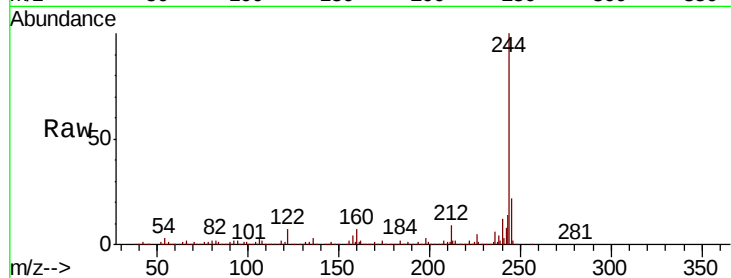
Tot Ion:244 Resp: 1284931

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

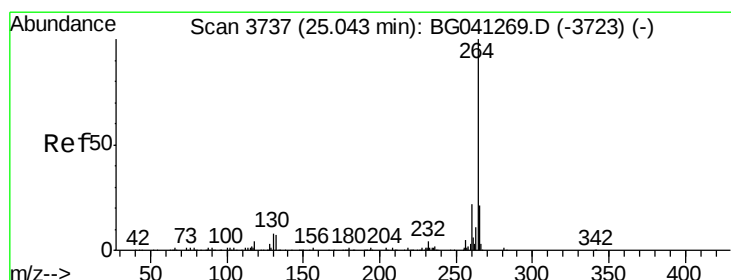
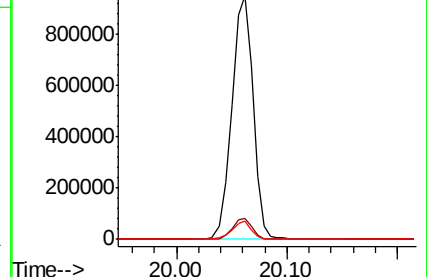
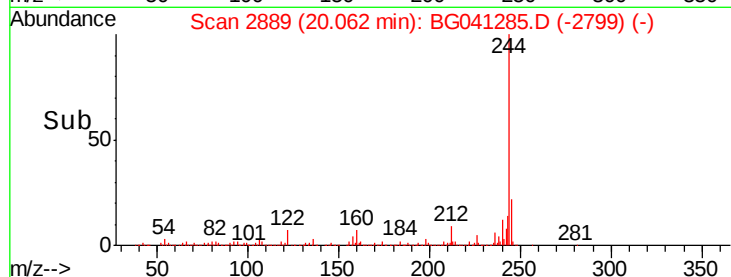
122 7.3 5.0 7.4



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: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041285.D

Acq: 18 Jun 2019 00:07

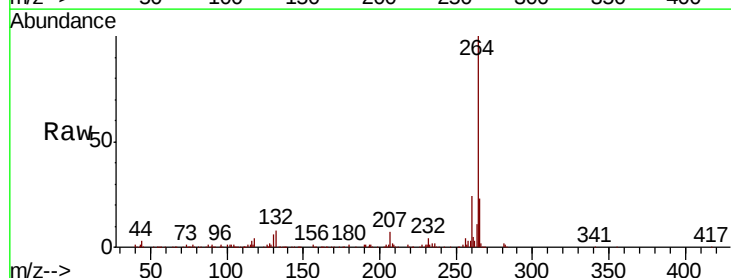
Tgt Ion:264 Resp: 270099

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.2

265 23.1 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

