

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041406.D
 Acq On : 22 Jun 2019 16:58
 Operator : HP/JU
 Sample : K3455-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Quant Time: Jun 24 02:09:32 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	8.05	152	51703	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	187229	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	128912	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	355116	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	446523	20.00	ng	-0.03
87) Perylene-d12	24.99	264	472216	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	164880	58.59	ng	-0.03
7) Phenol-d6	7.21	99	206249	50.57	ng	-0.03
23) Nitrobenzene-d5	9.23	82	194707	43.74	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	141292	71.39	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	439600	46.35	ng	-0.03
79) Terphenyl-d14	20.03	244	1009950	44.82	ng	-0.03

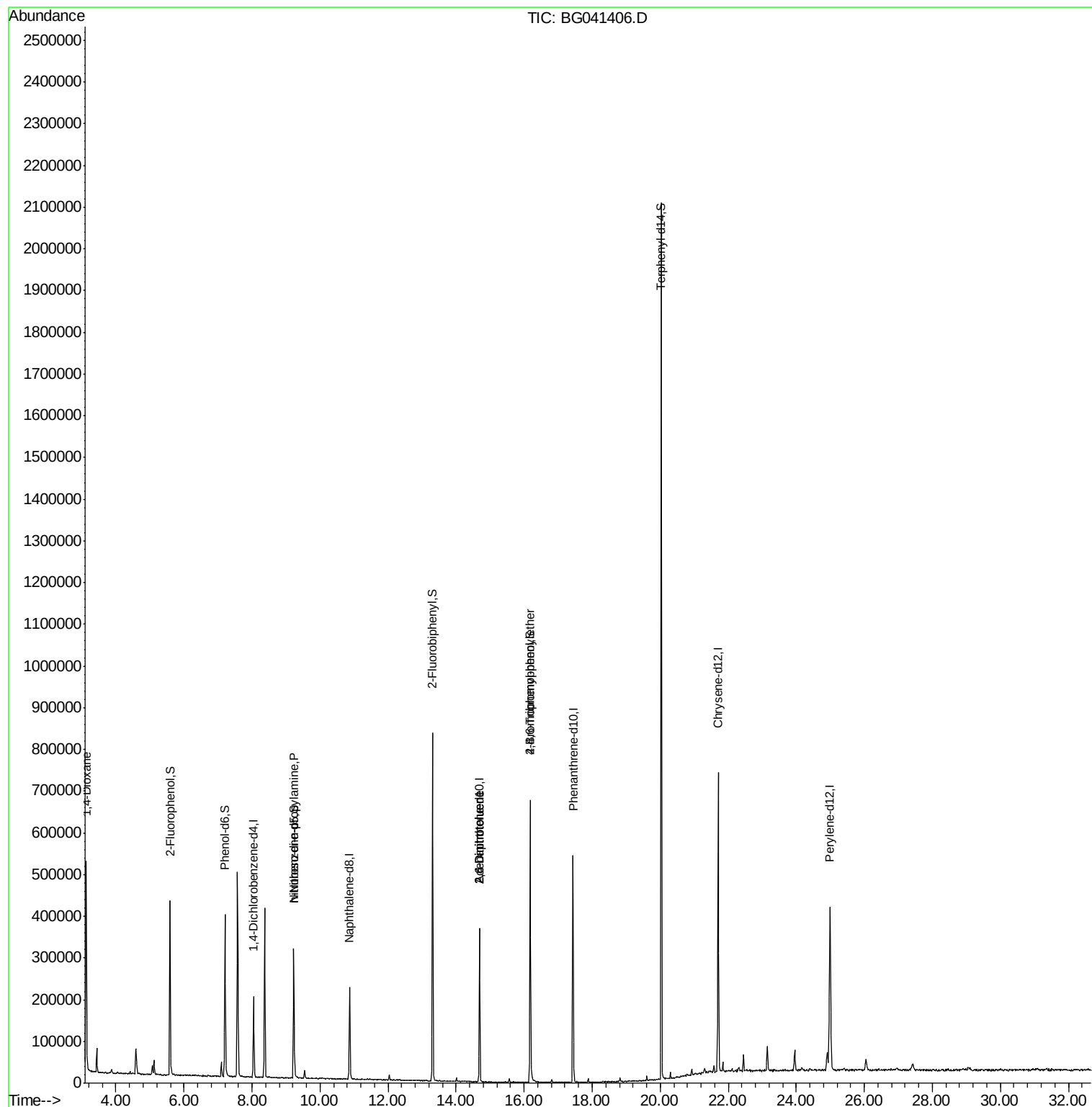
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	5807	4.115	ng	# 1
19) n-Nitroso-di-n-propylamine	9.23	70	26764	8.113	ng	# 77
51) 2,6-Dinitrotoluene	14.69	165	16587	6.858	ng	# 15
57) 2,4-Dinitrotoluene	14.69	165	16587	4.692	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	10240	2.230	ng	# 1

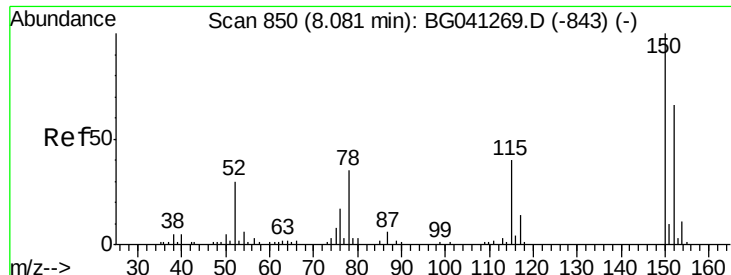
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041406.D
Acq On : 22 Jun 2019 16:58
Operator : HP/JU
Sample : K3455-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Quant Time: Jun 24 02:09:32 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

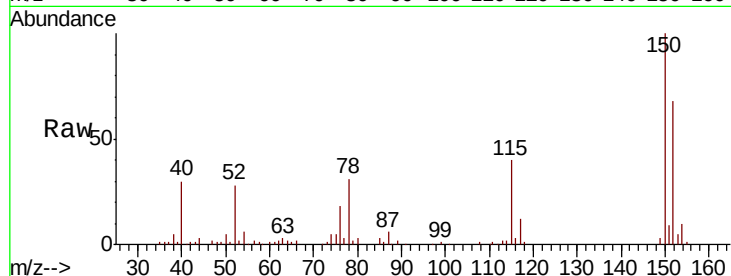
Tot Ion:152 Resp: 51703

Ion Ratio Lower Upper

152 100

150 147.6 120.6 181.0

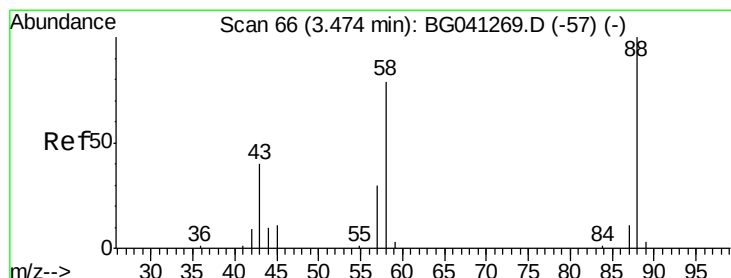
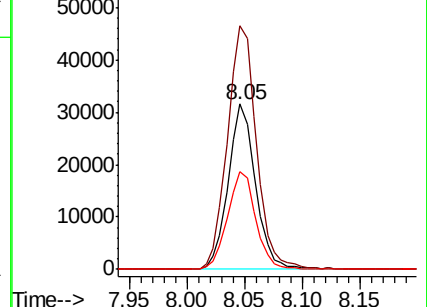
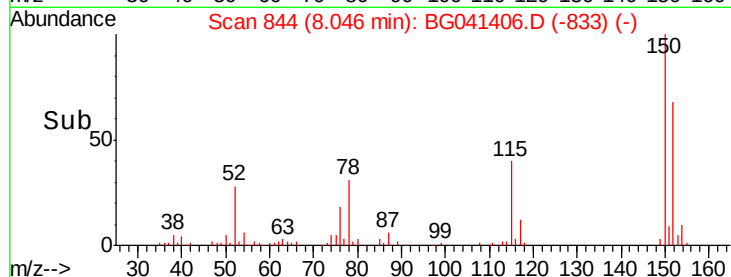
115 59.5 47.9 71.9



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



#2

1,4-Dioxane

Concen: 4.115 ng

RT: 3.12 min Scan# 6

Delta R.T. -0.35 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

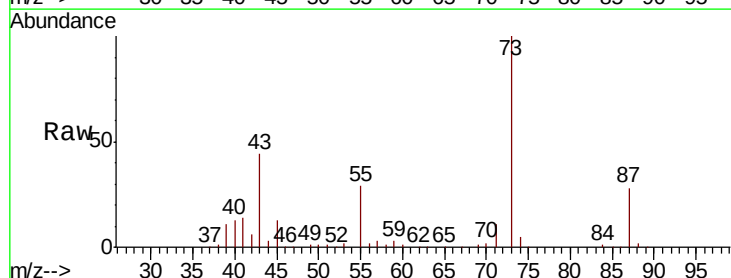
Tgt Ion: 88 Resp: 5807

Ion Ratio Lower Upper

88 100

58 29.0 59.7 89.5#

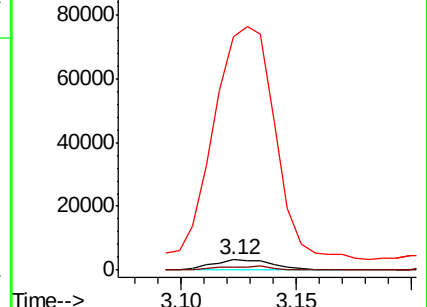
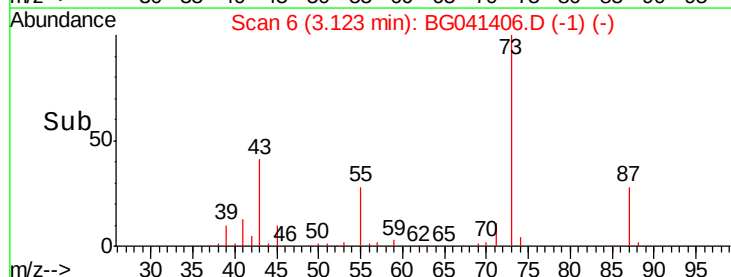
43 2203.9 31.9 47.9#

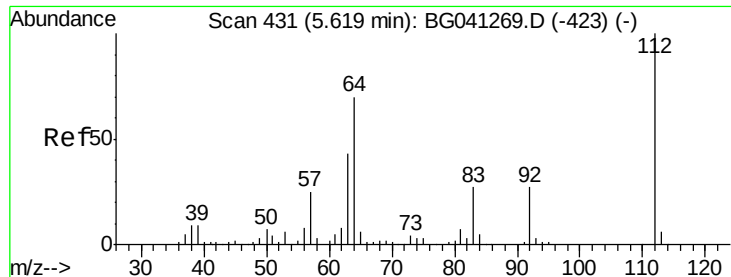


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 58.595 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

Instrument :

BNA_G

ClientSampled :

TP-1-MH

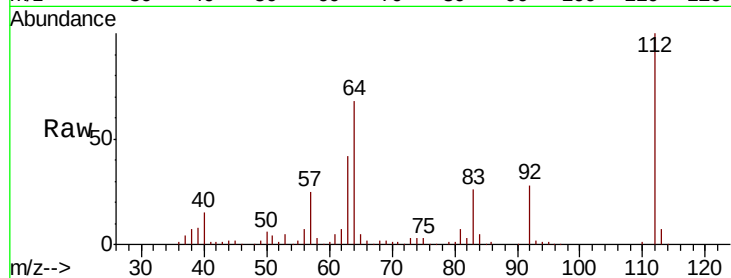
Tot Ion:112 Resp: 164880

Ion Ratio Lower Upper

112 100

64 68.2 55.9 83.9

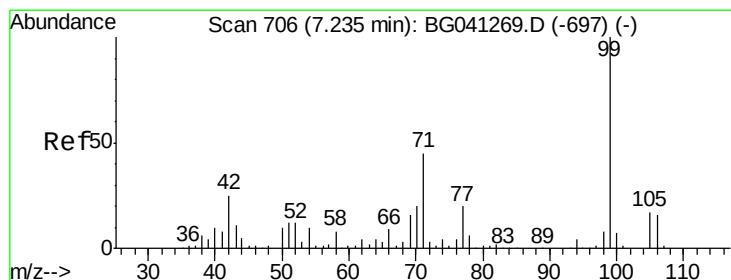
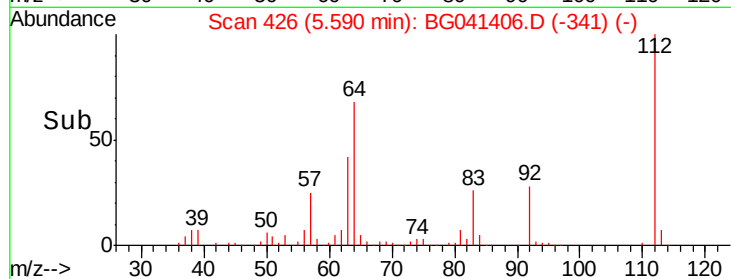
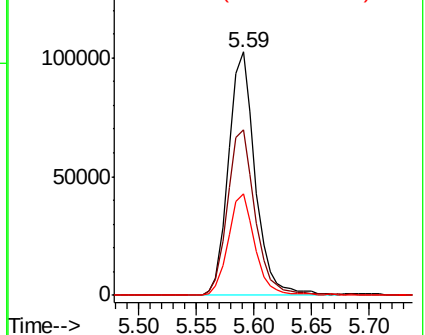
63 41.5 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 50.566 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

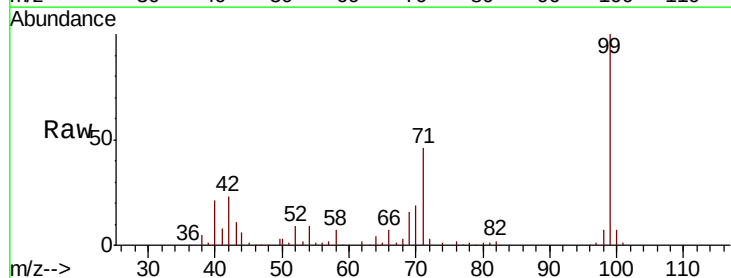
Tgt Ion: 99 Resp: 206249

Ion Ratio Lower Upper

99 100

42 23.1 19.9 29.9

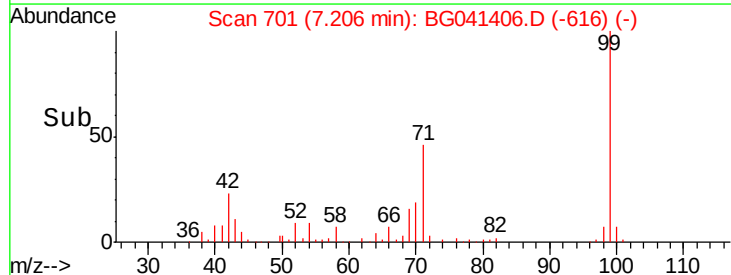
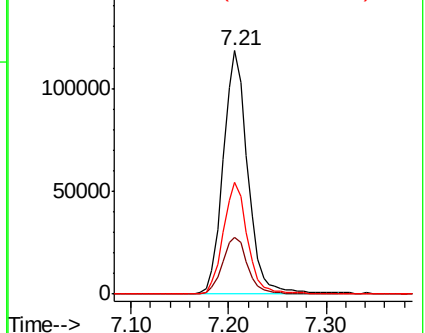
71 45.9 36.4 54.6

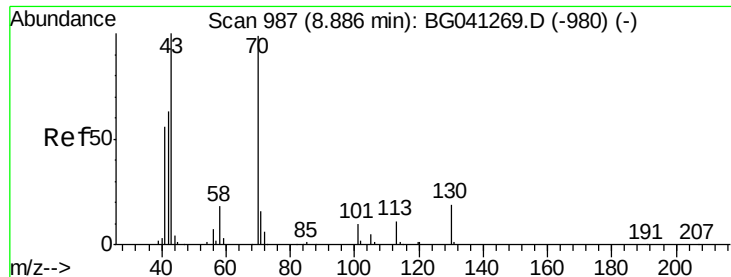


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 8.113 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

Tot Ion: 70 Resp: 26764

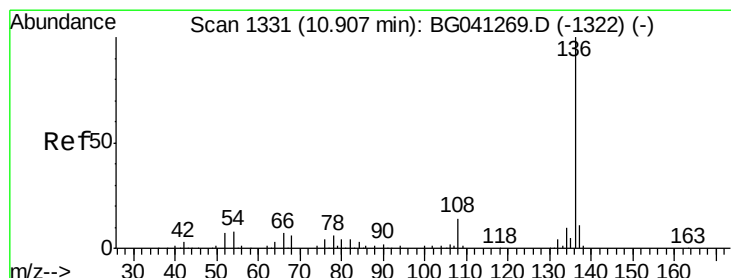
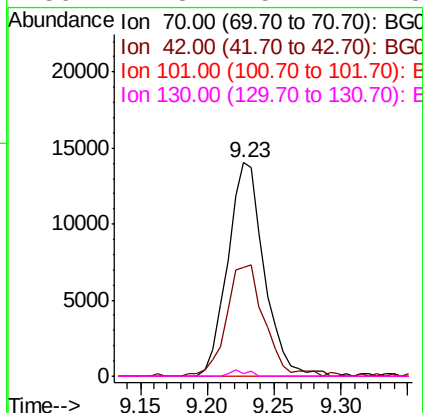
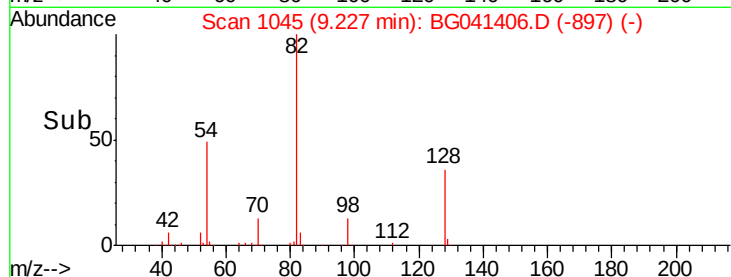
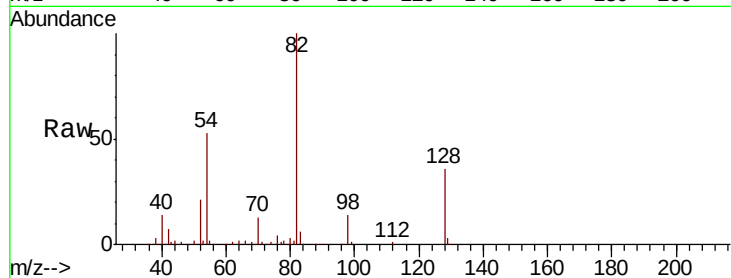
Ion Ratio Lower Upper

70 100

42 50.8 51.4 77.2#

101 0.0 8.2 12.2#

130 1.3 15.2 22.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

Tgt Ion: 136 Resp: 187229

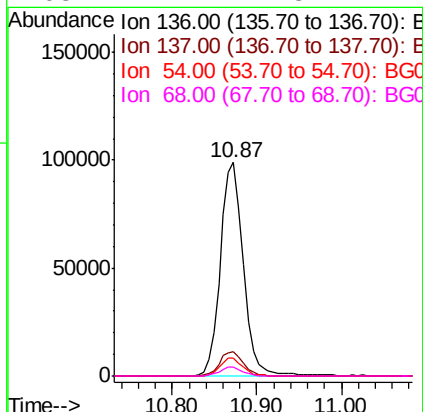
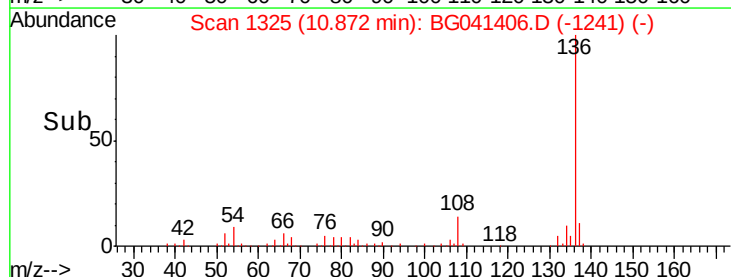
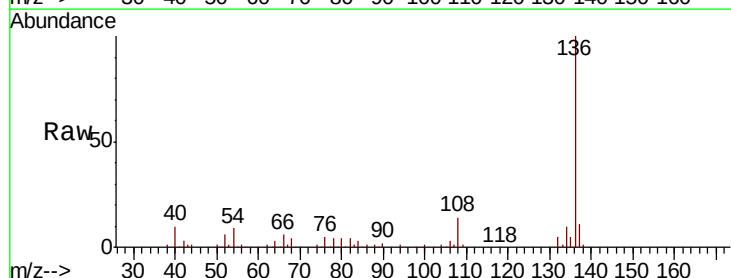
Ion Ratio Lower Upper

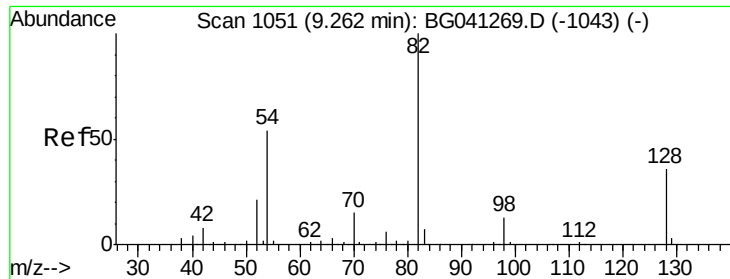
136 100

137 11.2 8.8 13.2

54 8.5 6.4 9.6

68 4.1 4.8 7.2#

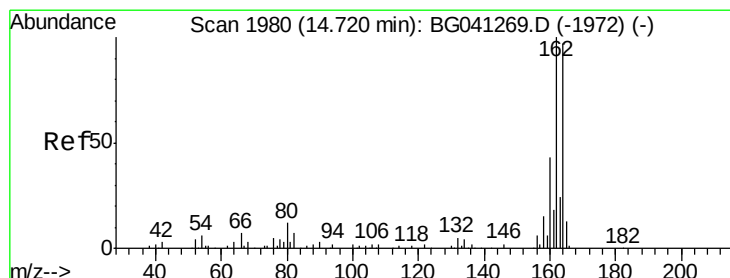
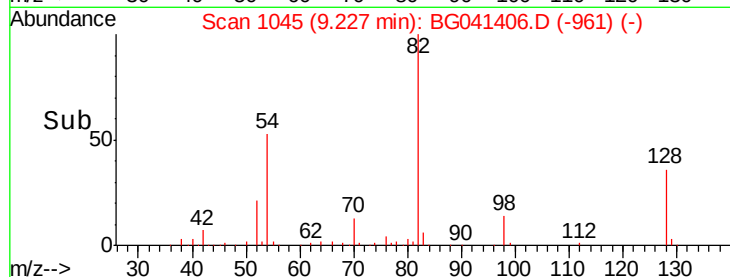
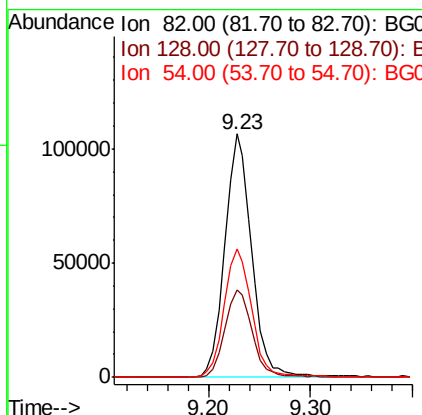
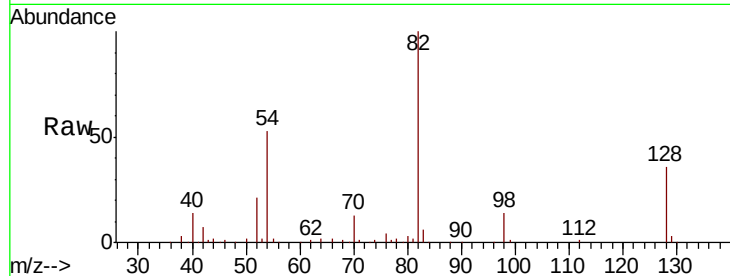




#23
 Nitrobenzene-d5
 Concen: 43.736 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BG041406.D
 Acq: 22 Jun 2019 16:58

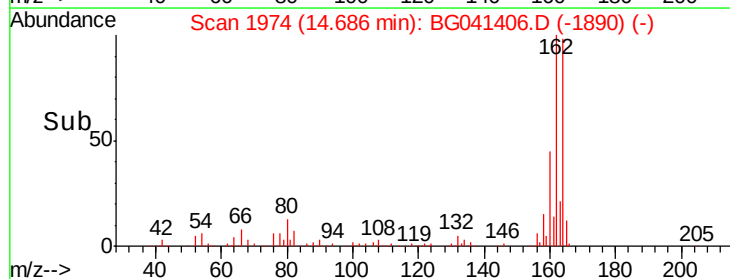
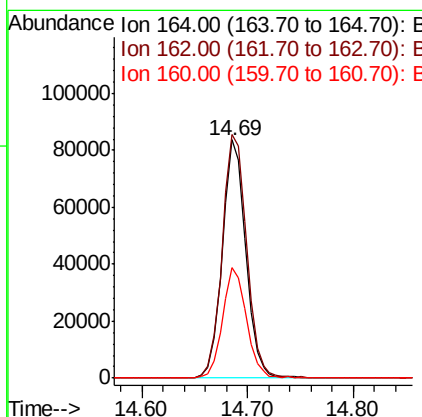
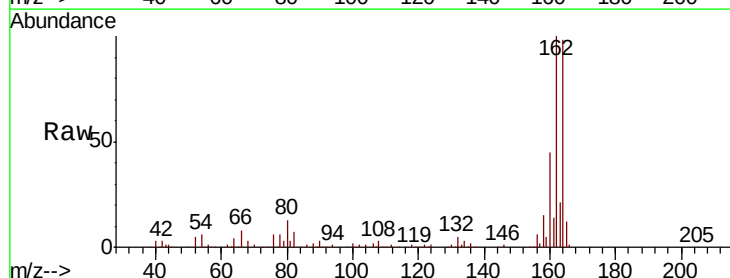
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

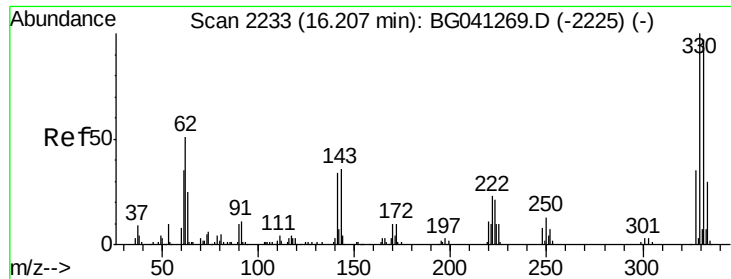
Tot Ion	82	Resp	194707
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.2	43.8
54	52.5	43.4	65.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041406.D
 Acq: 22 Jun 2019 16:58

Tgt Ion	164	Resp	128912
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.8	124.2
160	46.2	35.8	53.8





#42

2,4,6-Tribromophenol

Concen: 71.393 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

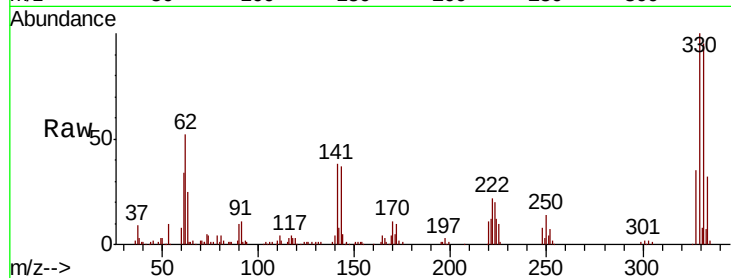
Tot Ion:330 Resp: 141292

Ion Ratio Lower Upper

330 100

332 95.2 75.5 113.3

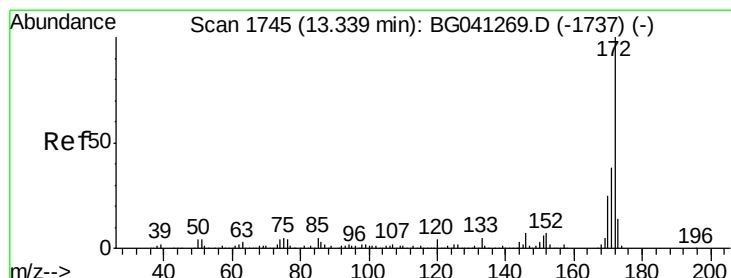
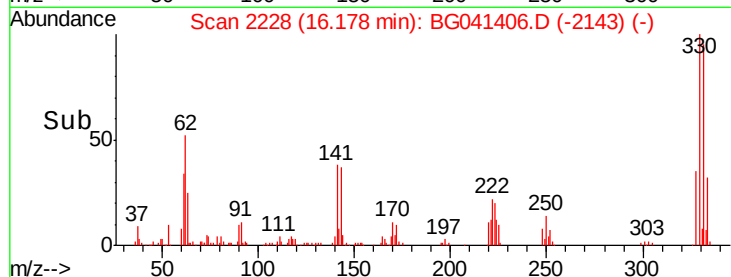
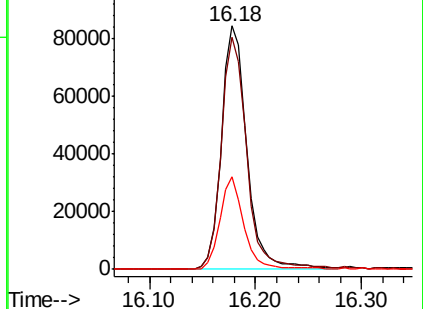
141 35.9 29.0 43.4



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: 46.348 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

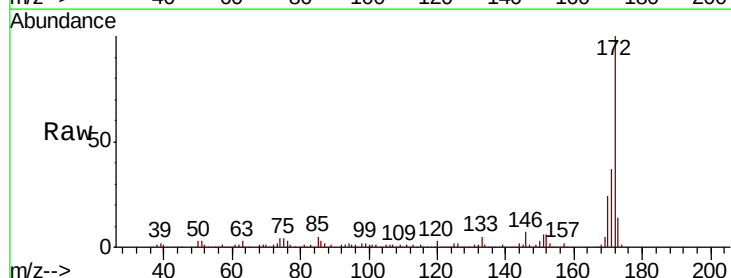
Tgt Ion:172 Resp: 439600

Ion Ratio Lower Upper

172 100

171 37.2 30.0 45.0

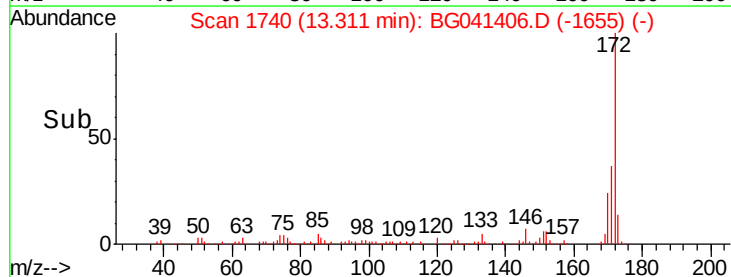
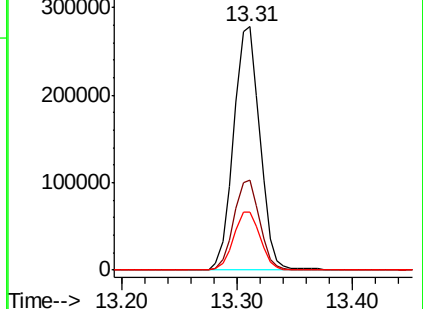
170 23.7 19.8 29.6

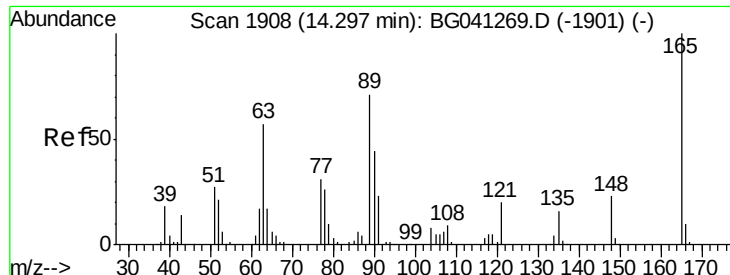


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

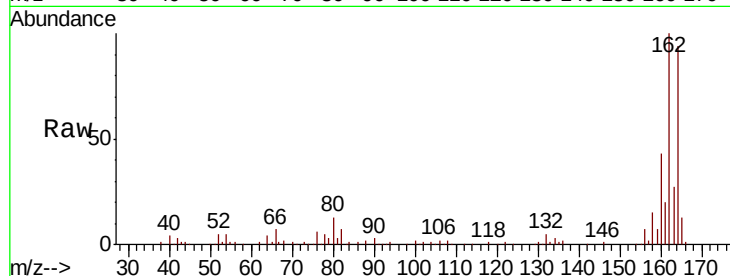




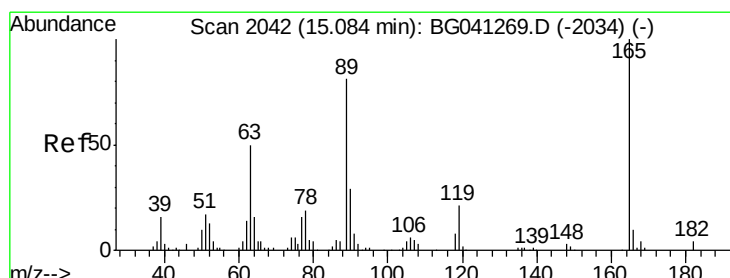
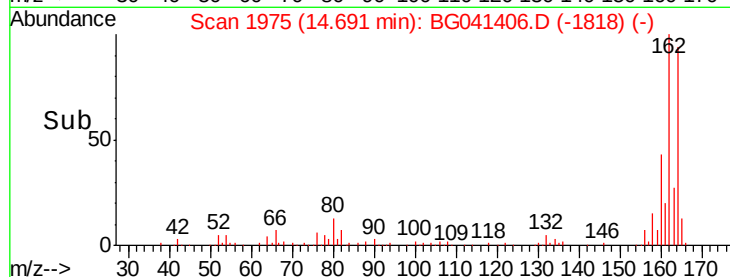
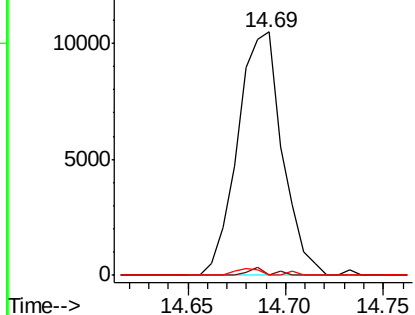
#51
 2,6-Dinitrotoluene
 Concen: 6.858 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.39 min
 Lab File: BG041406.D
 Acq: 22 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampled :
 TP-1-MH

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



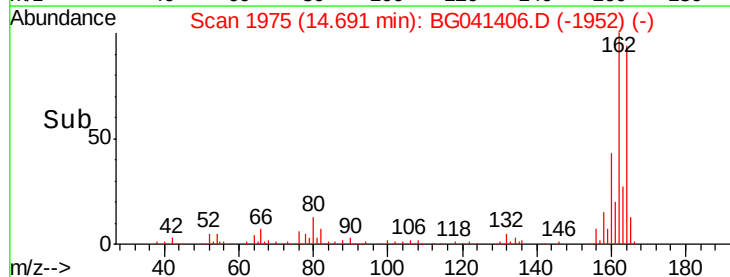
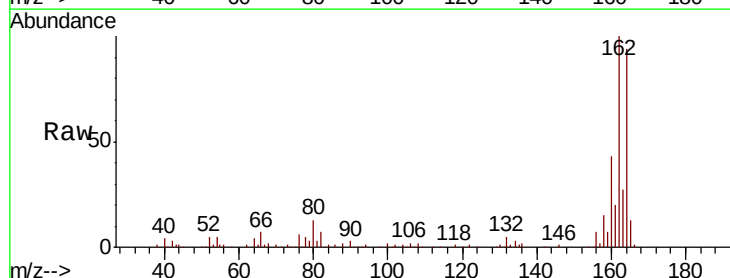
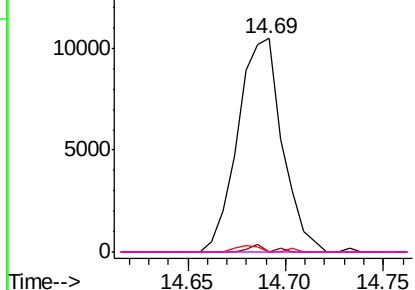
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

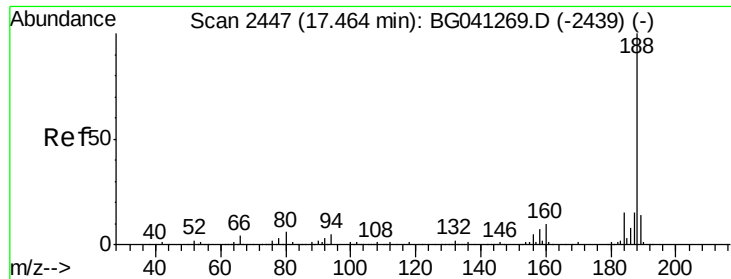


#57
 2,4-Dinitrotoluene
 Concen: 4.692 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.39 min
 Lab File: BG041406.D
 Acq: 22 Jun 2019 16:58

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#

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: 17.44 min Scan# 2442

Delta R.T. -0.03 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

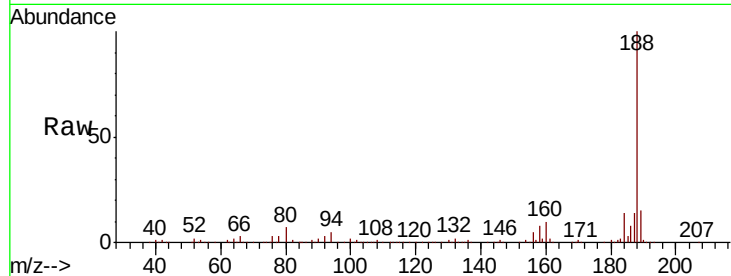
Tot Ion:188 Resp: 355116

Ion Ratio Lower Upper

188 100

94 5.4 3.6 5.4

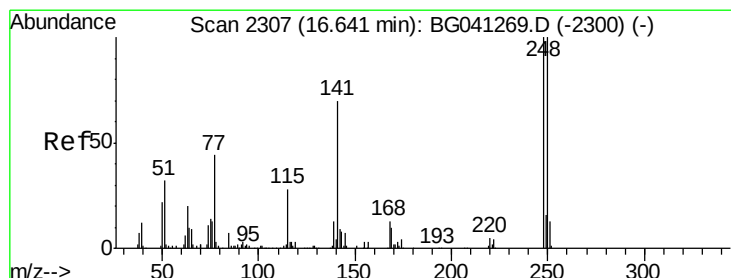
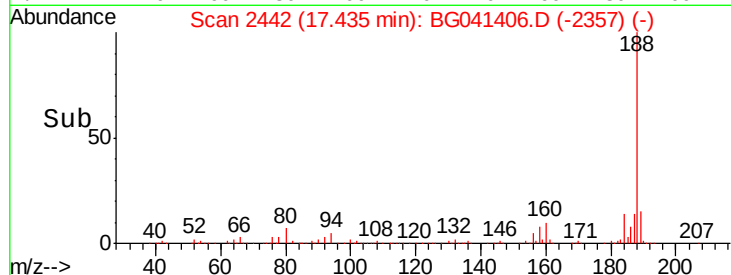
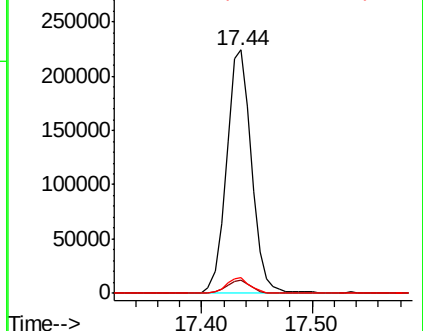
80 6.6 4.8 7.2



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: 2.230 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.46 min

Lab File: BG041406.D

Acq: 22 Jun 2019 16:58

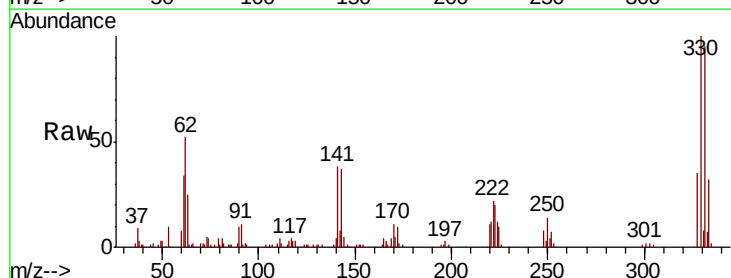
Tgt Ion:248 Resp: 10240

Ion Ratio Lower Upper

248 100

250 179.3 79.8 119.8#

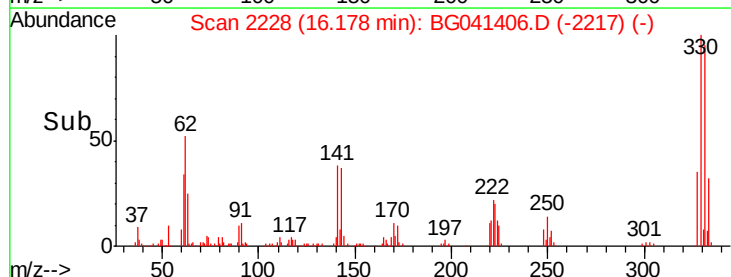
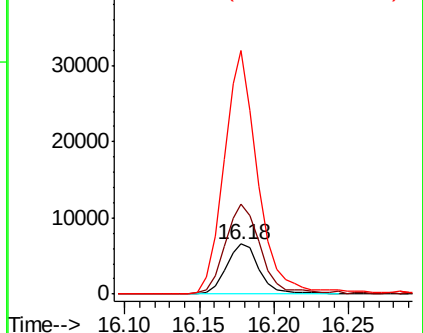
141 484.5 55.8 83.6#

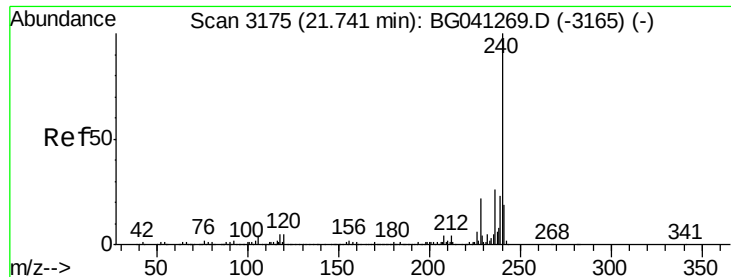


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

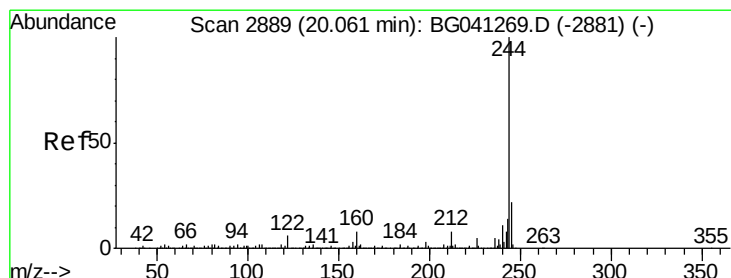
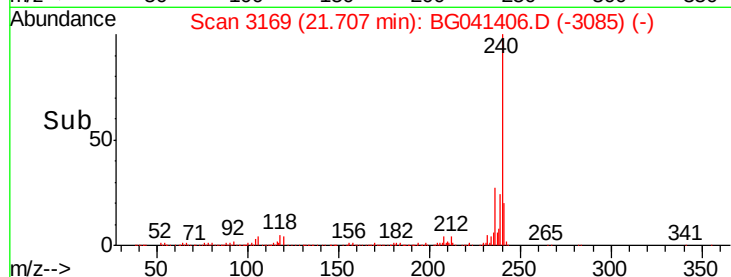
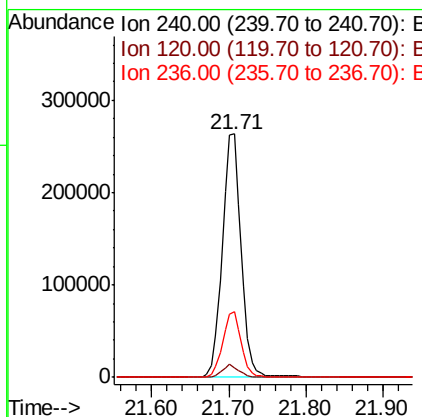
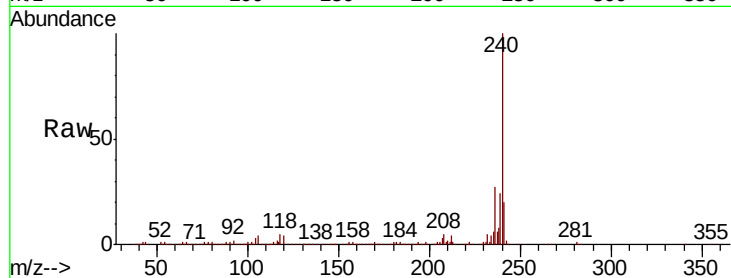




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

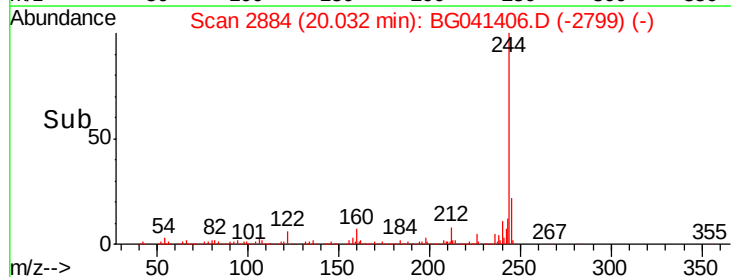
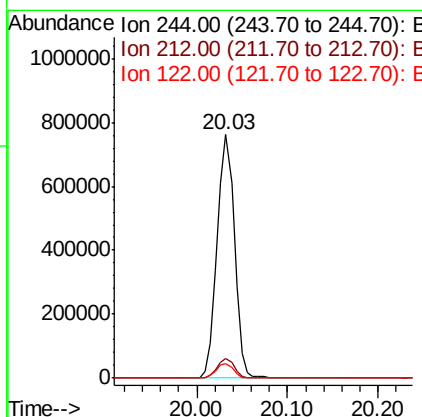
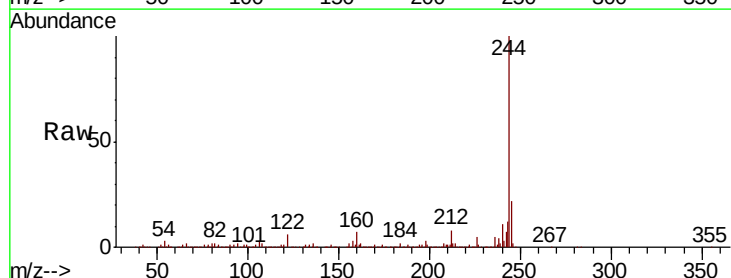
Instrument :
BNA_G
ClientSampleId :
TP-1-MH

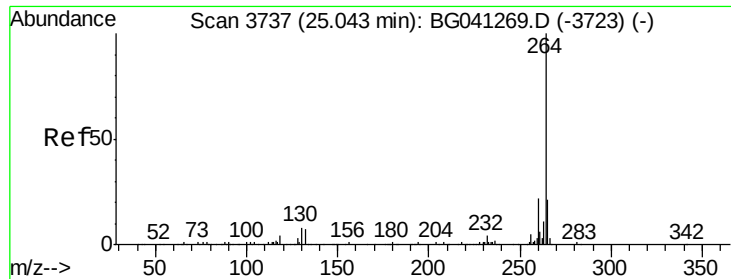
Tot Ion:240 Resp: 446523
Ion Ratio Lower Upper
240 100
120 4.0 3.7 5.5
236 26.8 21.1 31.7



#79
Terphenyl-d14
Concen: 44.824 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041406.D
Acq: 22 Jun 2019 16:58

Tgt Ion:244 Resp: 1009950
Ion Ratio Lower Upper
244 100
212 8.2 6.6 10.0
122 6.1 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.99 min Scan# 3728
 Delta R.T. -0.05 min
 Lab File: BG041406.D
 Acq: 22 Jun 2019 16:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.2
265	21.5	17.2	25.8

