

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
 Data File : BG041445.D
 Acq On : 25 Jun 2019 15:52
 Operator : HP/JU
 Sample : K3455-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Quant Time: Jun 26 04:20:18 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	8.04	152	66368	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	244479	20.00	ng	-0.05
39) Acenaphthene-d10	14.69	164	171393	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	438437	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	482181	20.00	ng	-0.04
87) Perylene-d12	24.99	264	512573	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	216364	59.90	ng	-0.04
7) Phenol-d6	7.20	99	261094	49.87	ng	-0.03
23) Nitrobenzene-d5	9.22	82	248686	42.78	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	182015	69.17	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	574989	45.60	ng	-0.03
79) Terphenyl-d14	20.03	244	1107750	45.53	ng	-0.03

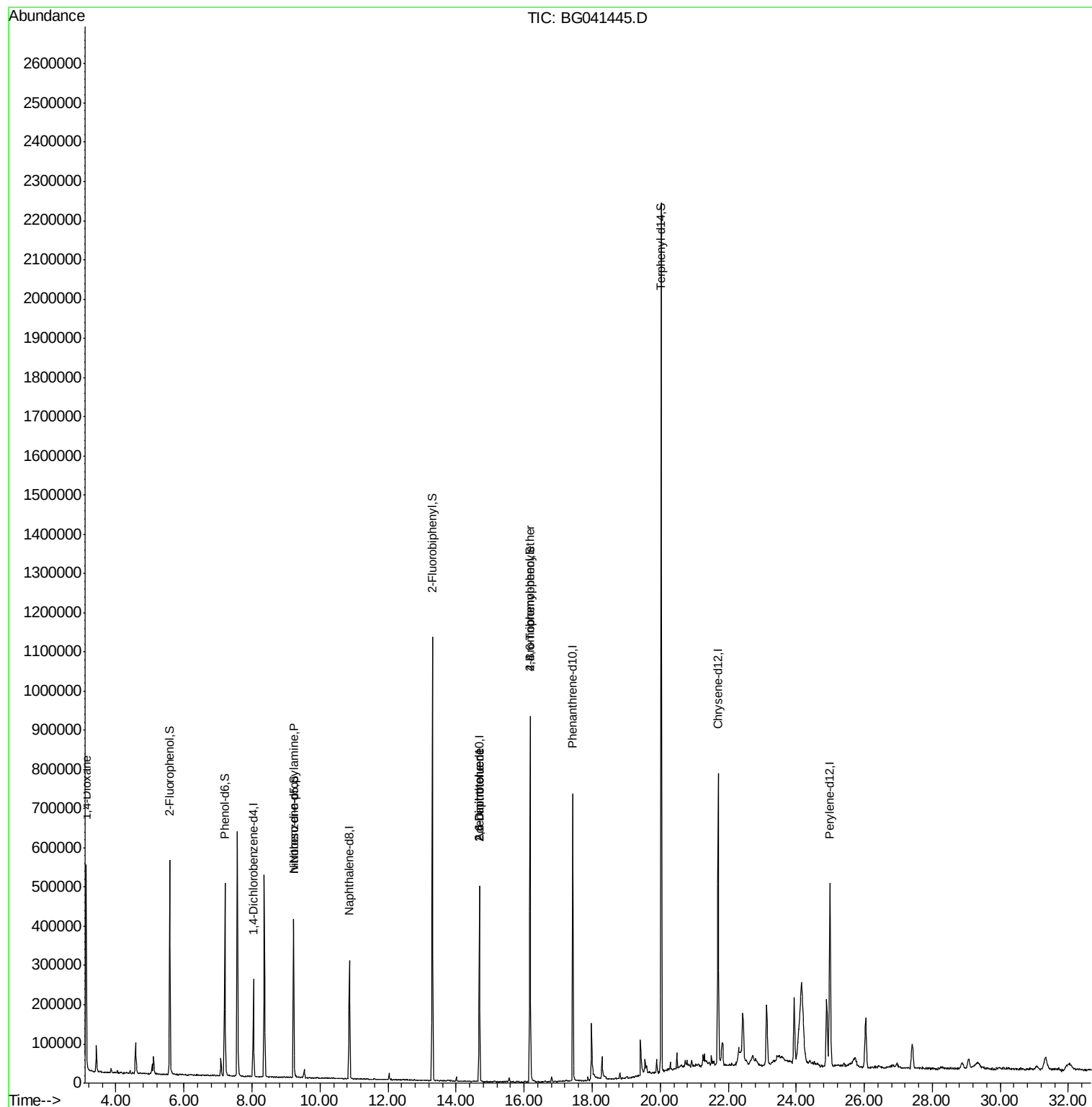
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	5856	3.233	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	35781	8.450	ng	# 78
51) 2,6-Dinitrotoluene	14.68	165	22891	7.119	ng	# 17
57) 2,4-Dinitrotoluene	14.68	165	22891	4.870	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	13194	2.327	ng	# 1

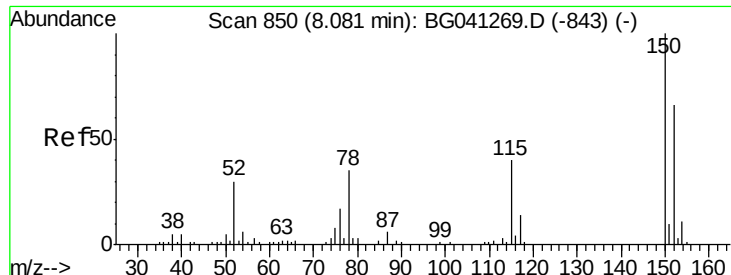
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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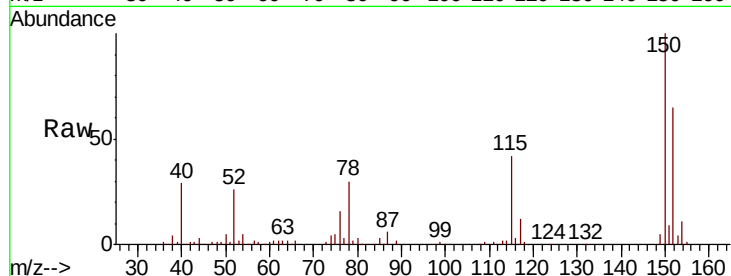


#1

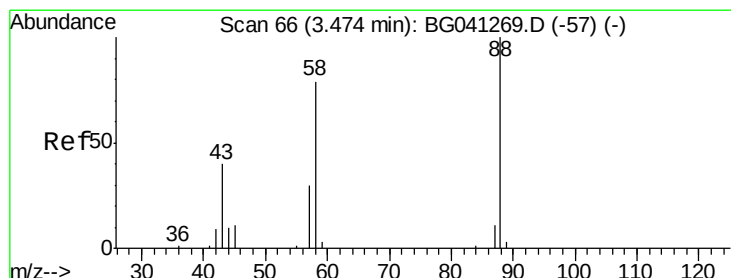
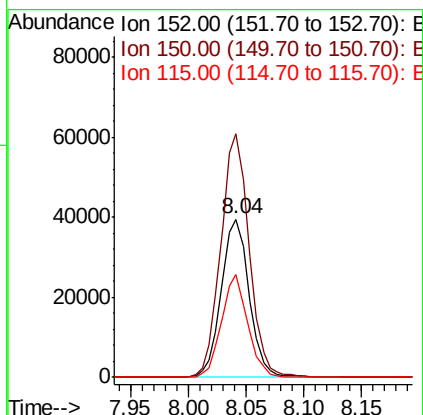
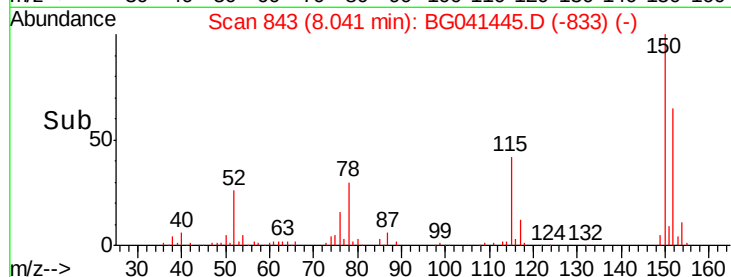
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:152 Resp: 66368
Ion Ratio Lower Upper
152 100
150 153.6 120.6 181.0
115 64.5 47.9 71.9



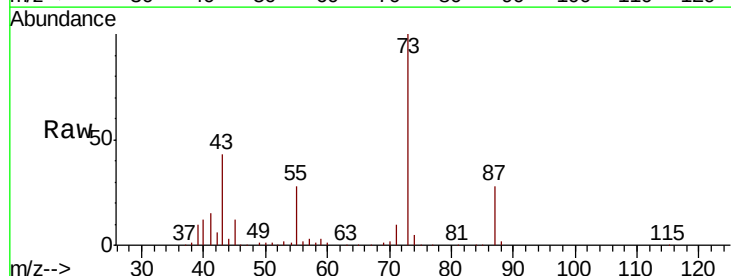
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



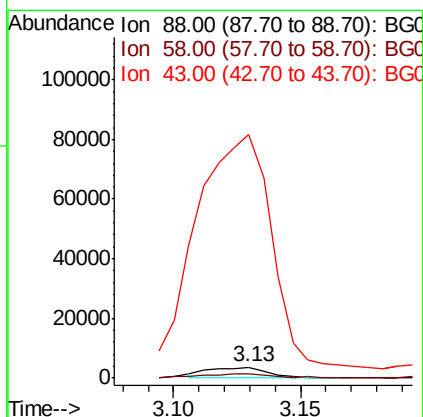
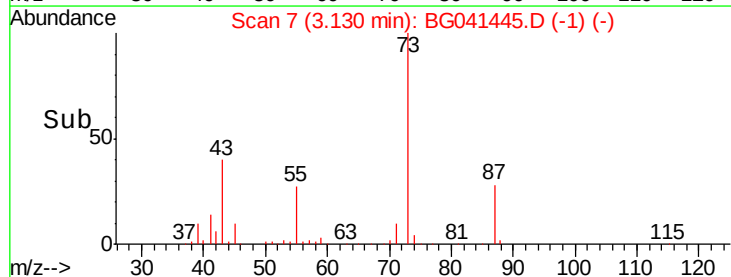
#2

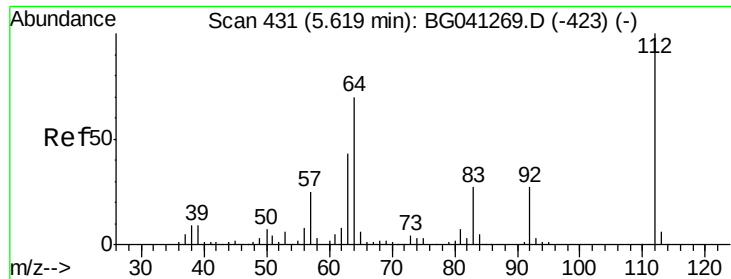
1,4-Dioxane
Concen: 3.233 ng
RT: 3.13 min Scan# 7
Delta R.T. -0.34 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion: 88 Resp: 5856
Ion Ratio Lower Upper
88 100
58 51.0 59.7 89.5#
43 2361.8 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: 59.901 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.04 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

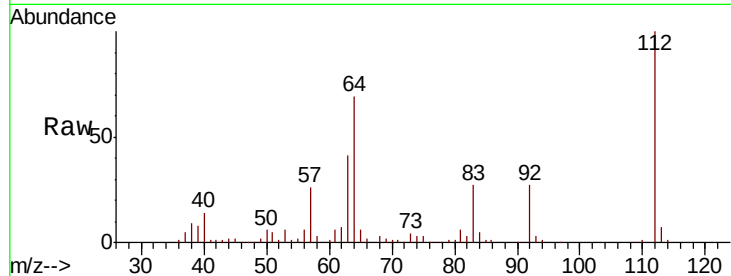
Tgt Ion: 112 Resp: 216364

Ion Ratio Lower Upper

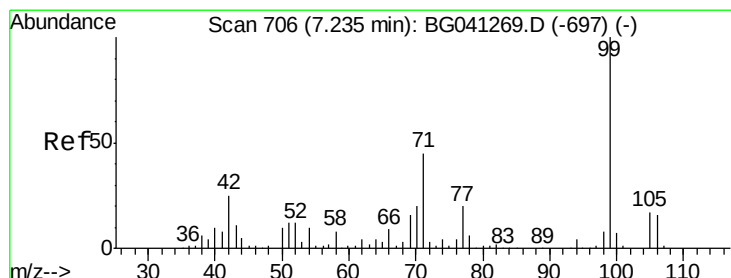
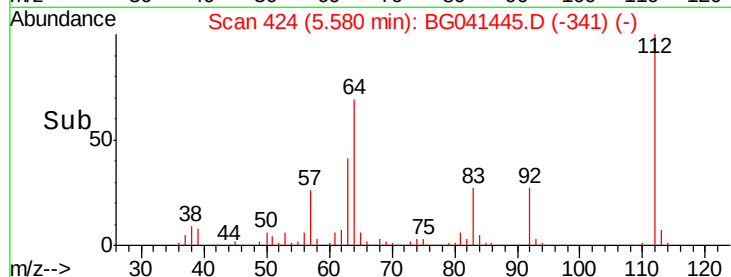
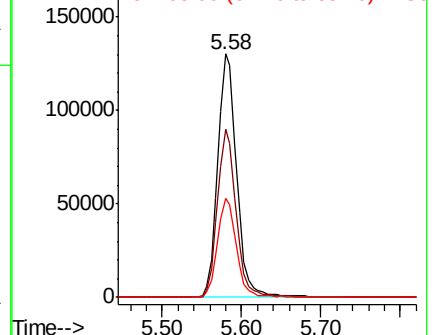
112 100

64 68.9 55.9 83.9

63 40.5 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: 49.868 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

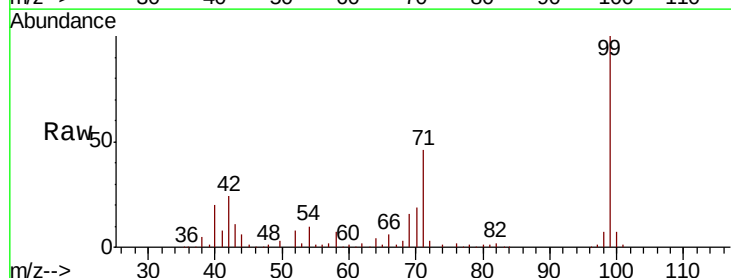
Tgt Ion: 99 Resp: 261094

Ion Ratio Lower Upper

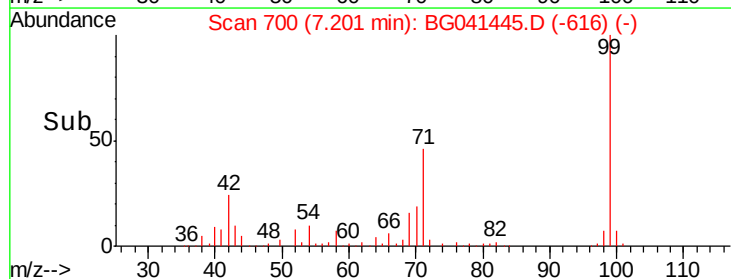
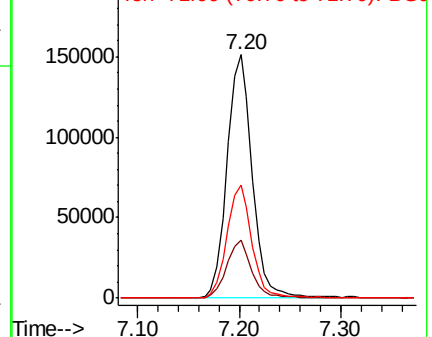
99 100

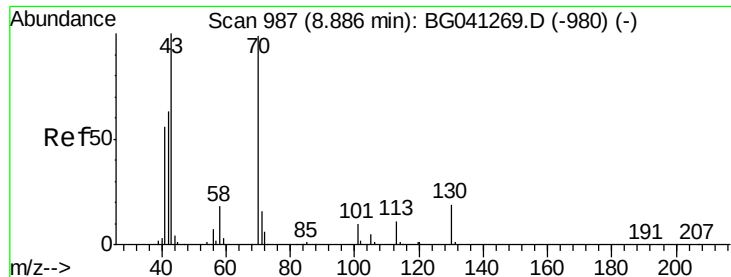
42 23.6 19.9 29.9

71 46.4 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

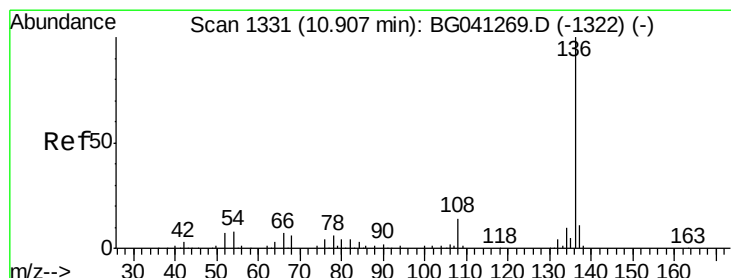
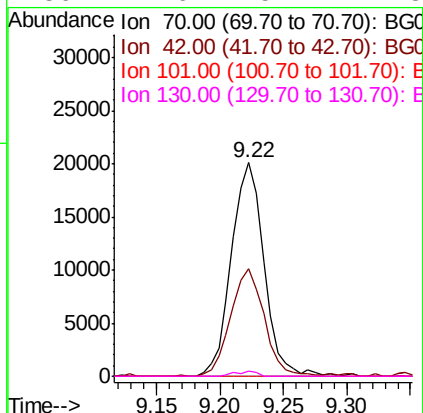
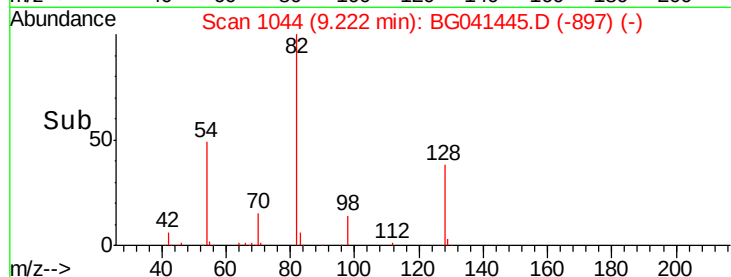
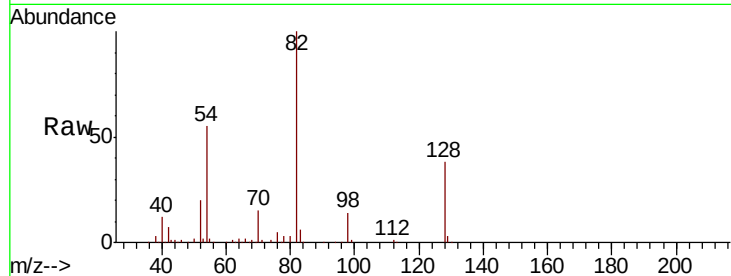




#19
n-Nitroso-di-n-propylamine
Concen: 8.450 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

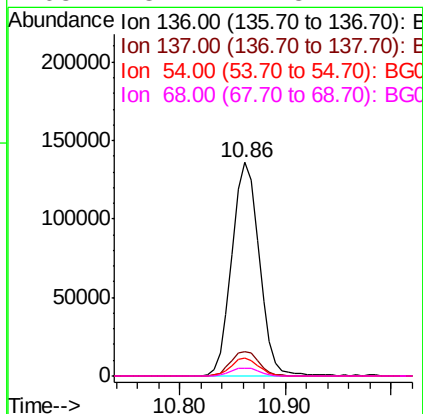
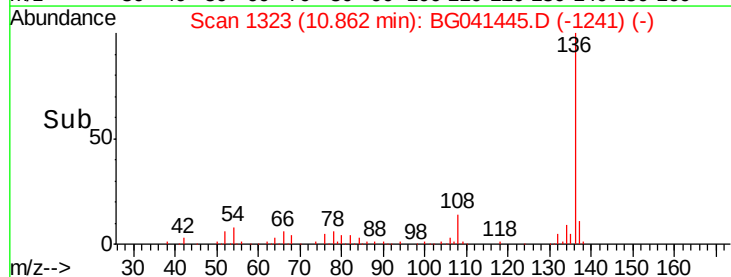
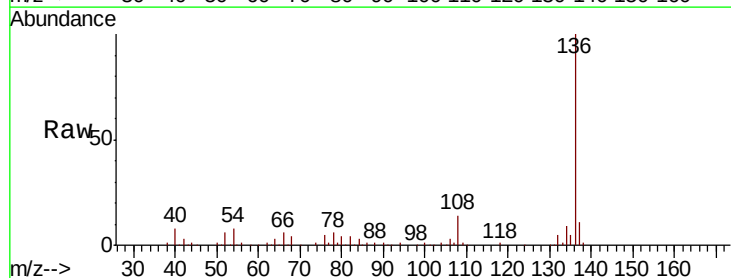
Instrument :
BNA_G
ClientSampleId :
TP-1-MH

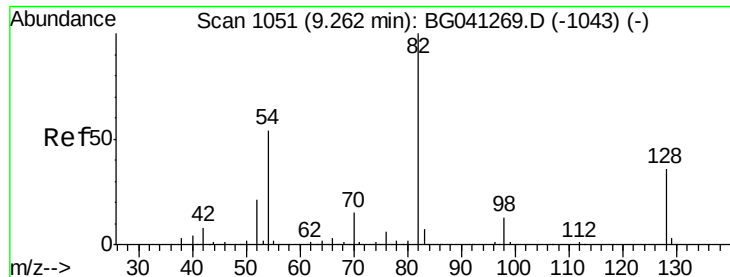
Tgt Ion: 70 Resp: 35781
Ion Ratio Lower Upper
70 100
42 50.6 51.4 77.2#
101 0.0 8.2 12.2#
130 2.6 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.05 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion: 136 Resp: 244479
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 6.4 9.6
68 3.7 4.8 7.2#

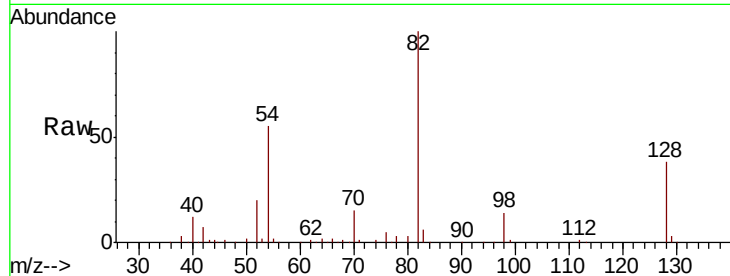




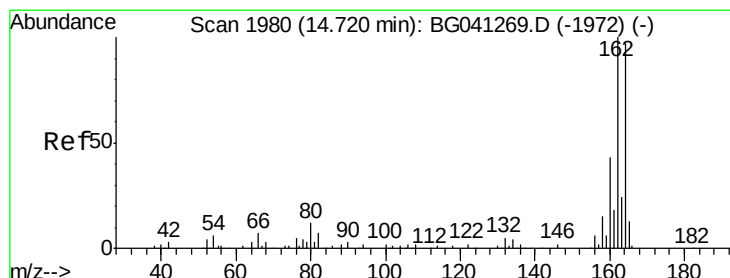
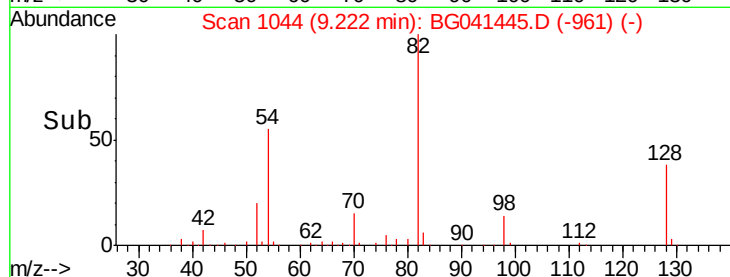
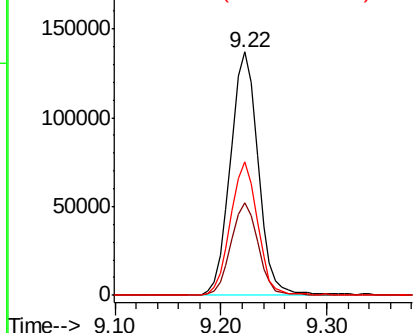
#23
 Nitrobenzene-d5
 Concen: 42.780 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.04 min
 Lab File: BG041445.D
 Acq: 25 Jun 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-MH

Tgt Ion: 82 Resp: 248686
 Ion Ratio Lower Upper
 82 100
 128 37.8 29.2 43.8
 54 54.7 43.4 65.0

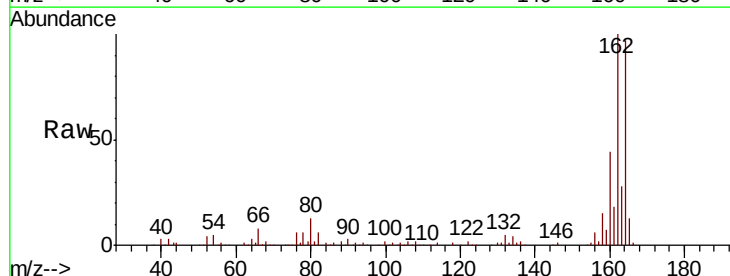


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

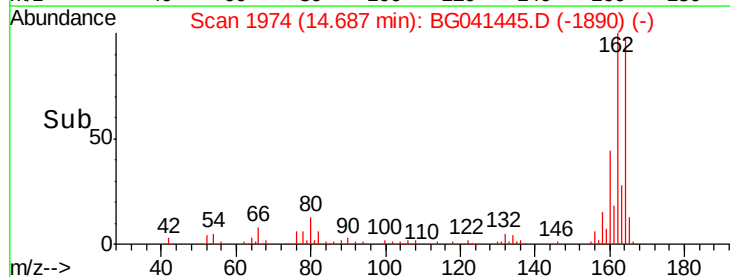
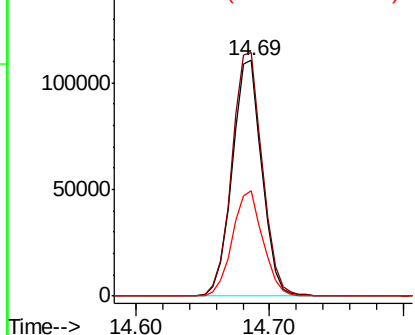


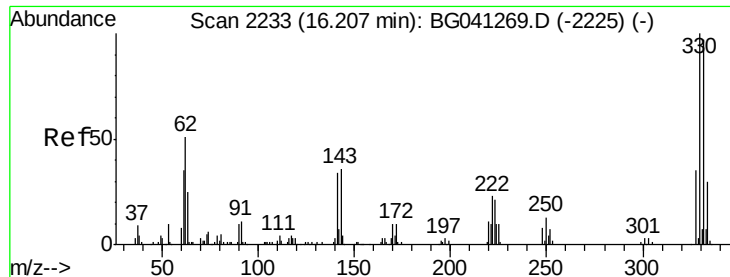
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.03 min
 Lab File: BG041445.D
 Acq: 25 Jun 2019 15:52

Tgt Ion: 164 Resp: 171393
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 45.0 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: 69.174 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

BNA_G

ClientSampleId :

TP-1-MH

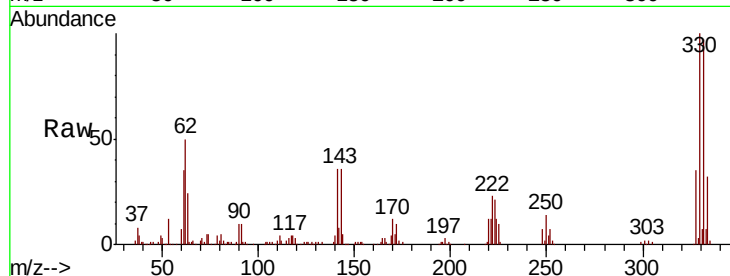
Tgt Ion:330 Resp: 182015

Ion Ratio Lower Upper

330 100

332 96.6 75.5 113.3

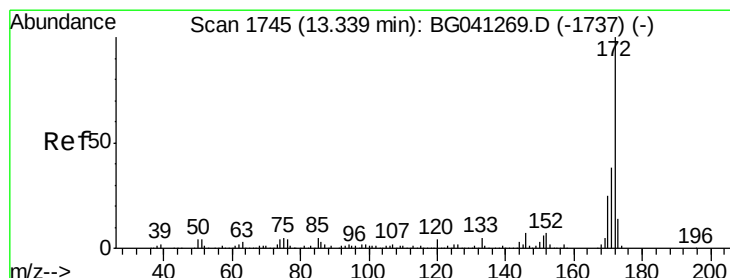
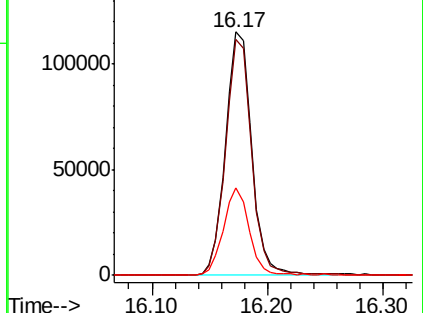
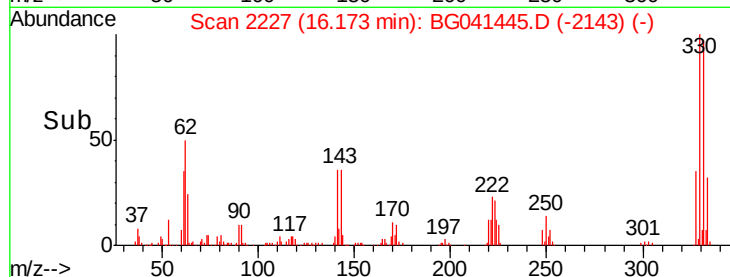
141 35.3 29.0 43.4



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: 45.597 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

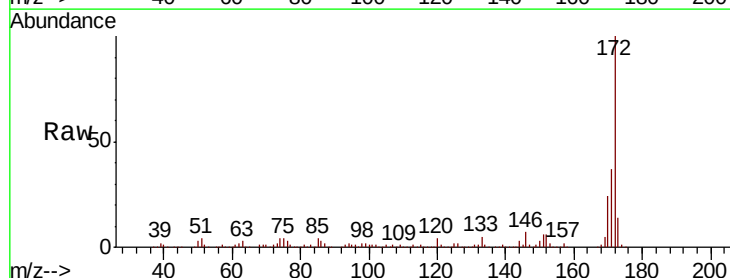
Tgt Ion:172 Resp: 574989

Ion Ratio Lower Upper

172 100

171 36.6 30.0 45.0

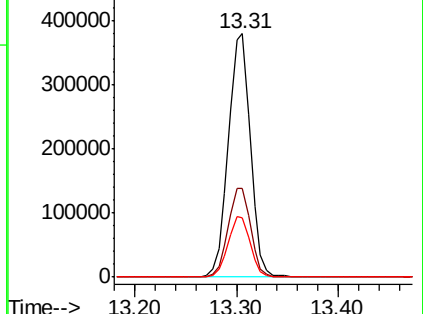
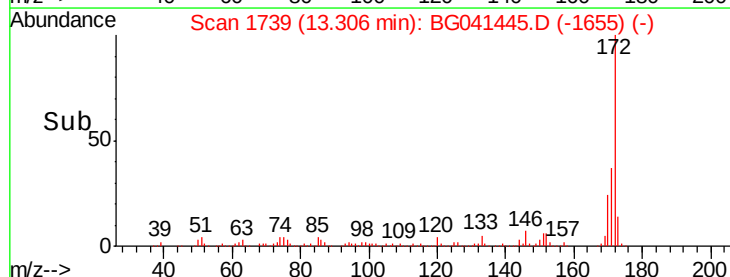
170 24.2 19.8 29.6

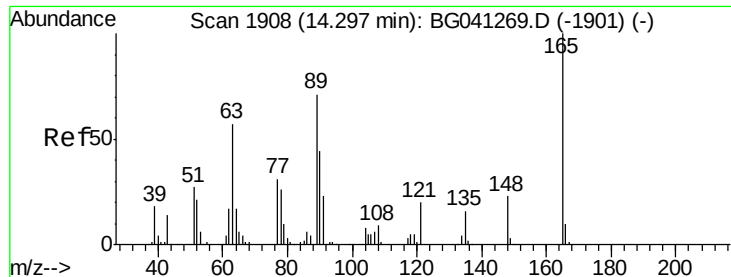


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.119 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.38 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

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ClientSampleId :

TP-1-MH

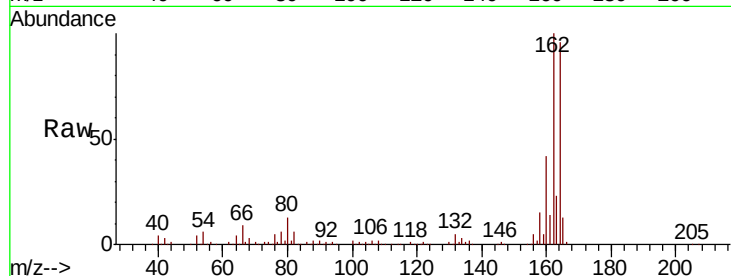
Tgt Ion:165 Resp: 22891

Ion Ratio Lower Upper

165 100

63 1.5 55.4 83.0#

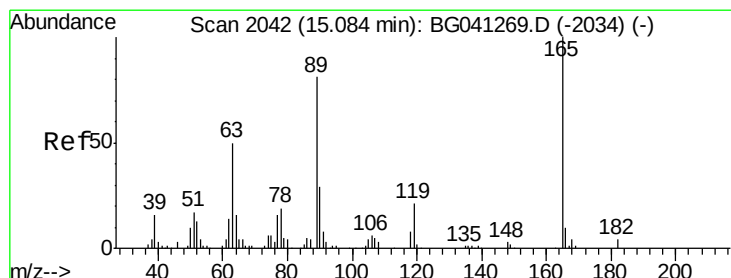
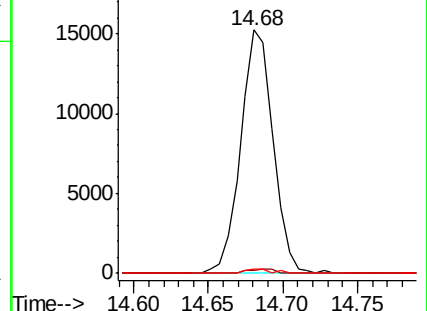
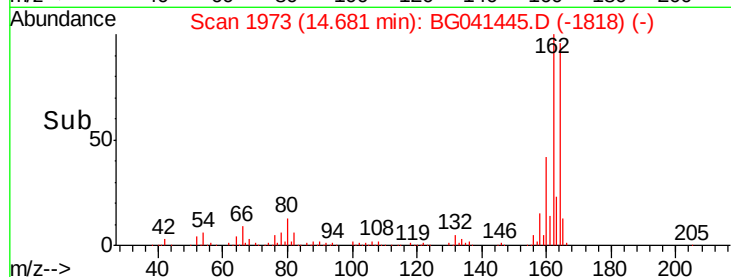
89 1.9 56.5 84.7#



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: 4.870 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.40 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Tgt Ion:165 Resp: 22891

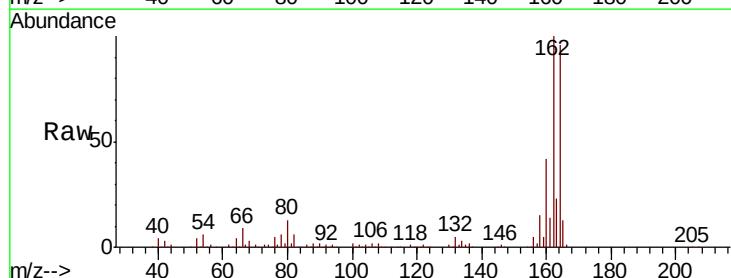
Ion Ratio Lower Upper

165 100

63 1.5 40.0 60.0#

89 1.9 64.6 96.8#

182 0.0 2.9 4.3#

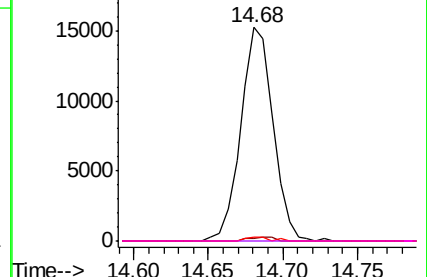
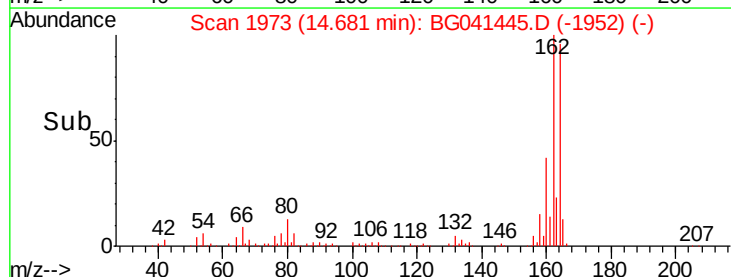


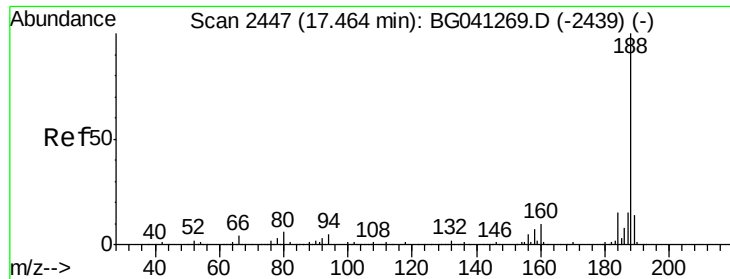
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

Instrument :

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ClientSampleId :

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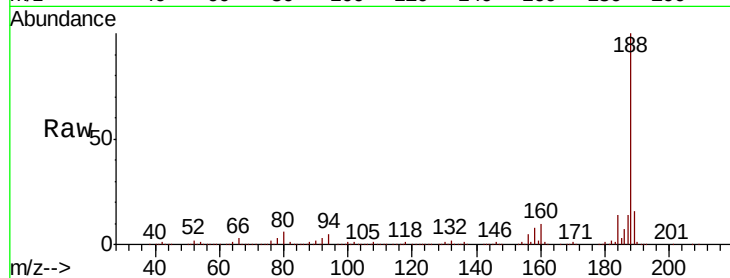
Tgt Ion:188 Resp: 438437

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

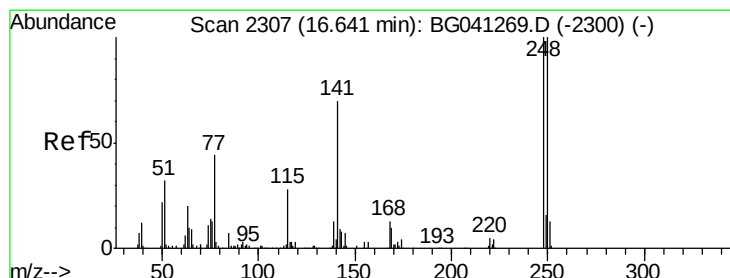
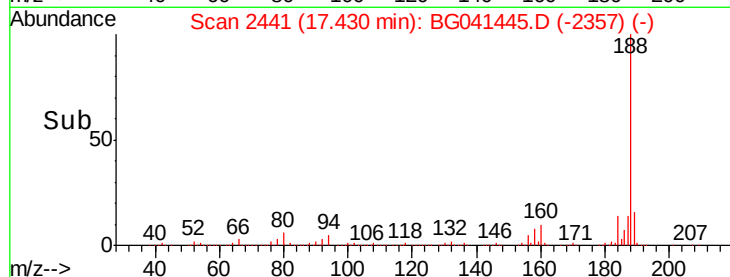
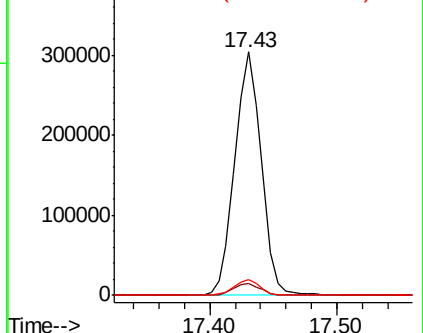
80 6.3 4.8 7.2



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: 2.327 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.47 min

Lab File: BG041445.D

Acq: 25 Jun 2019 15:52

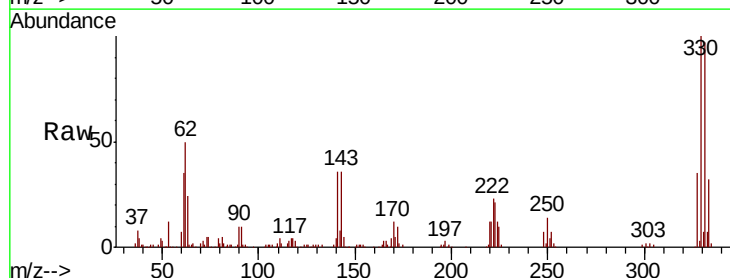
Tgt Ion:248 Resp: 13194

Ion Ratio Lower Upper

248 100

250 185.6 79.8 119.8#

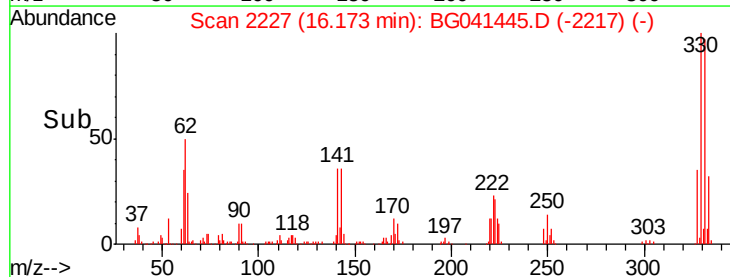
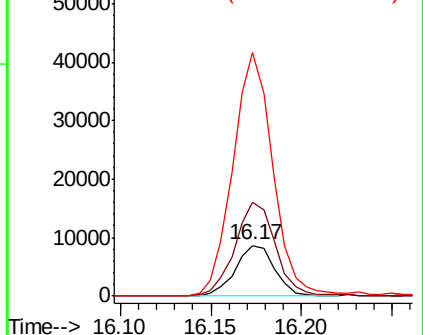
141 482.9 55.8 83.6#

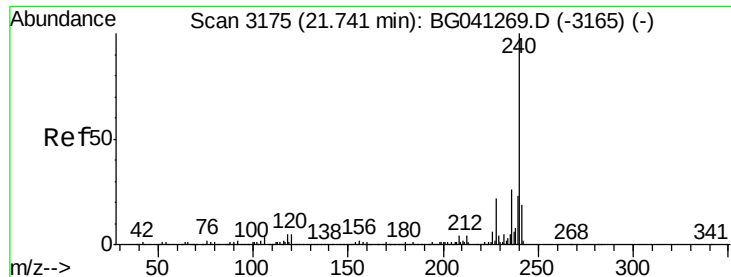


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

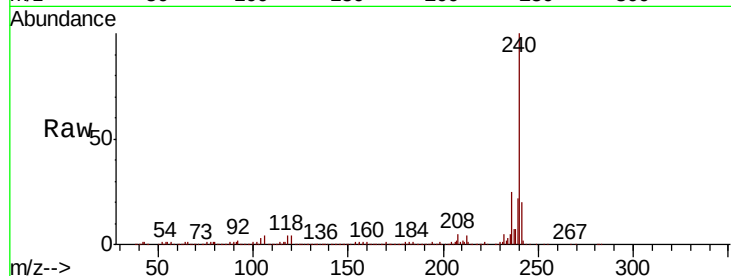




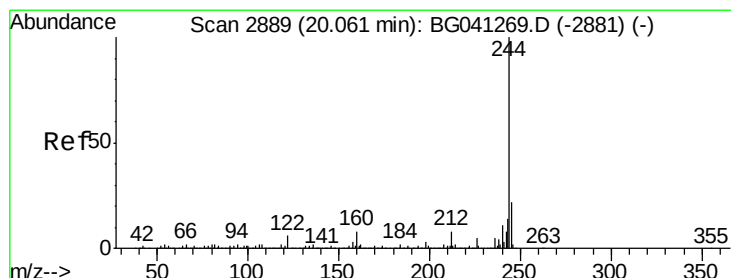
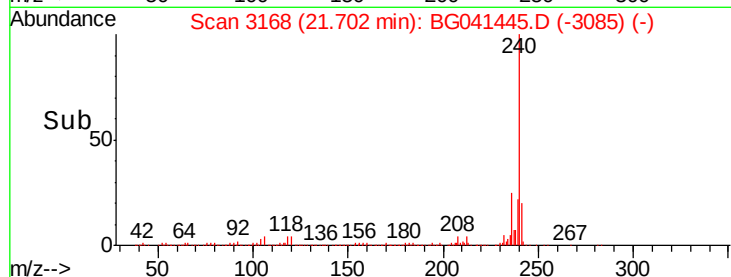
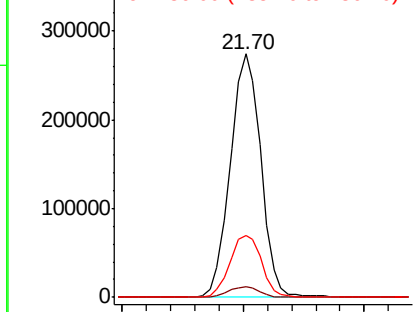
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:240 Resp: 482181
Ion Ratio Lower Upper
240 100
120 4.4 3.7 5.5
236 25.5 21.1 31.7

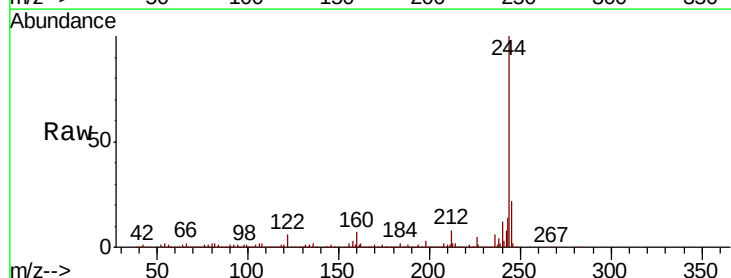


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

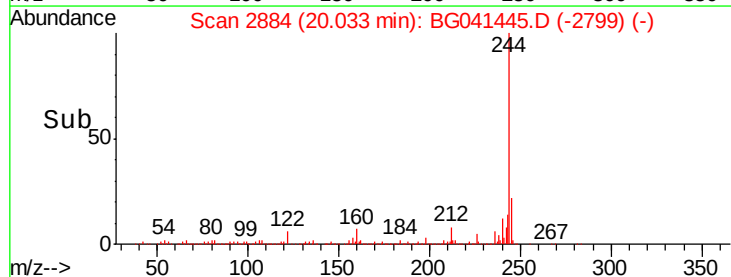
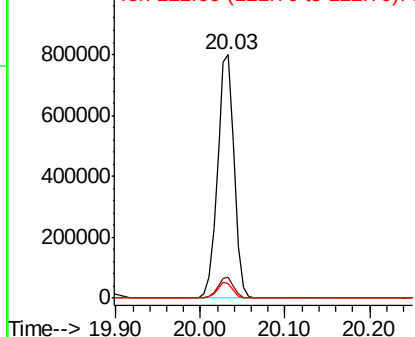


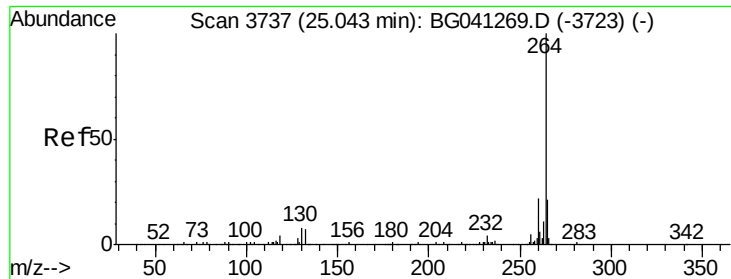
#79
Terphenyl-d14
Concen: 45.529 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:244 Resp: 1107750
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 5.8 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: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.2
265	21.7	17.2	25.8

