

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041383.D
 Acq On : 21 Jun 2019 19:19
 Operator : HP/JU
 Sample : K3438-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-01-005-B

Quant Time: Jun 22 01:04:48 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

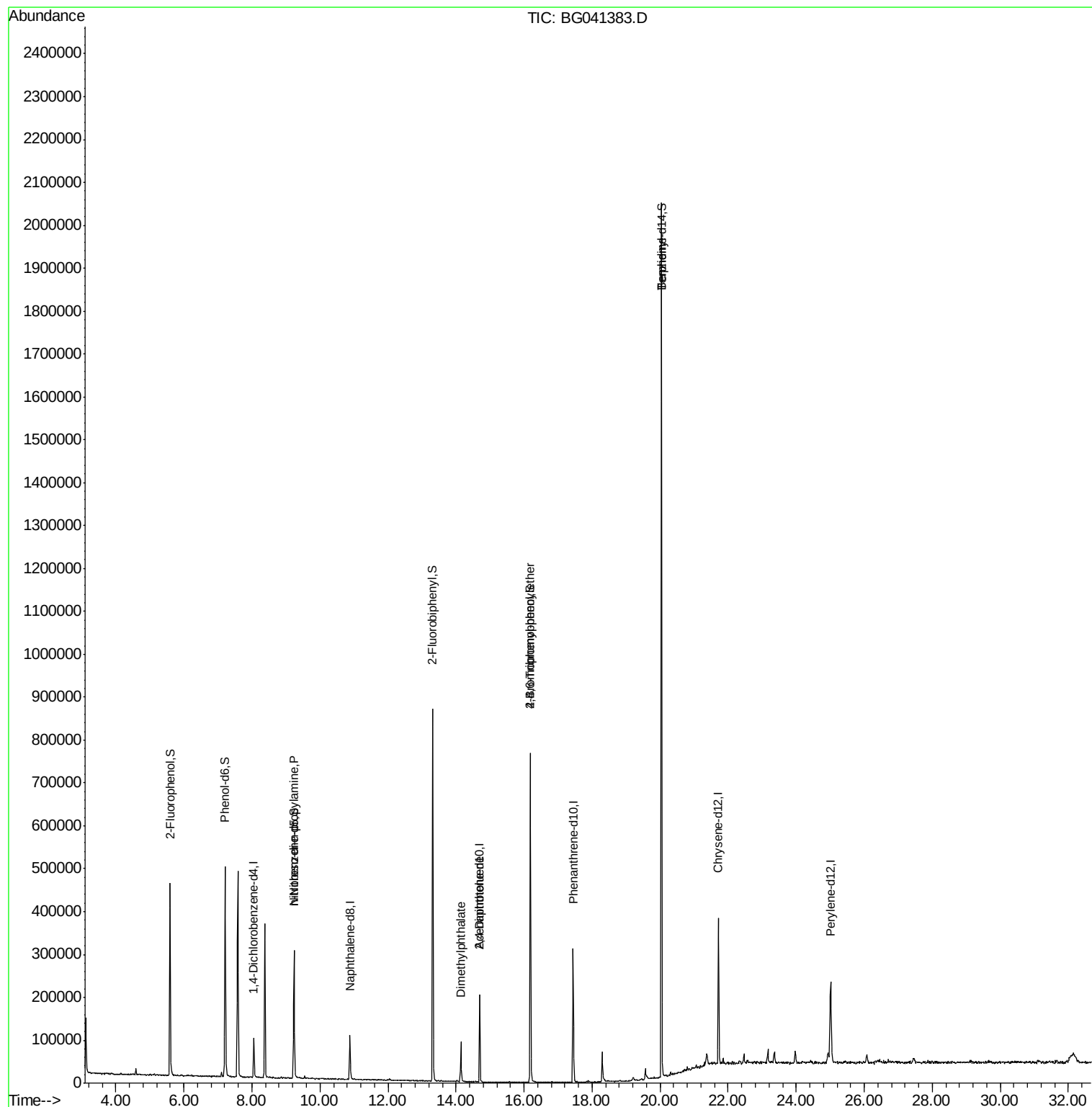
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25402	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	93357	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	73488	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	203193	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	212063	20.00	ng	-0.03
87) Perylene-d12	25.01	264	220086	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	177747	128.57	ng	-0.03
7) Phenol-d6	7.21	99	267800	133.64	ng	-0.02
23) Nitrobenzene-d5	9.23	82	187902	84.65	ng	-0.03
42) 2,4,6-Tribromophenol	16.19	330	148939	132.01	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	446934	82.66	ng	-0.03
79) Terphenyl-d14	20.04	244	936582	87.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	25785	15.909	ng	# 76
50) Dimethylphthalate	14.14	163	71124	10.877	ng	100
57) 2,4-Dinitrotoluene	14.69	165	9358	4.643	ng	# 18
67) 4-Bromophenyl-phenylether	16.19	248	10948	4.167	ng	# 1
77) Benzidine	20.04	184	16335	3.185	ng	# 94

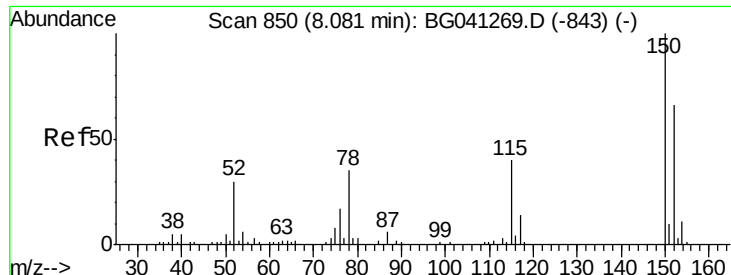
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 17 14:58:02 2019
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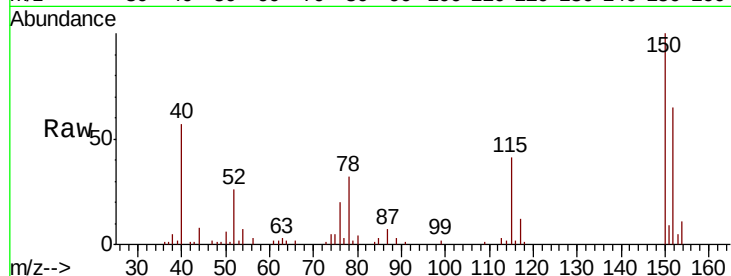




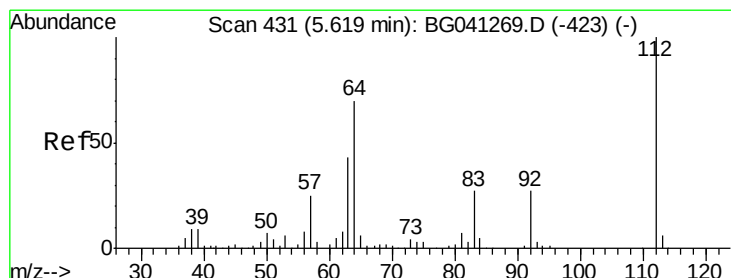
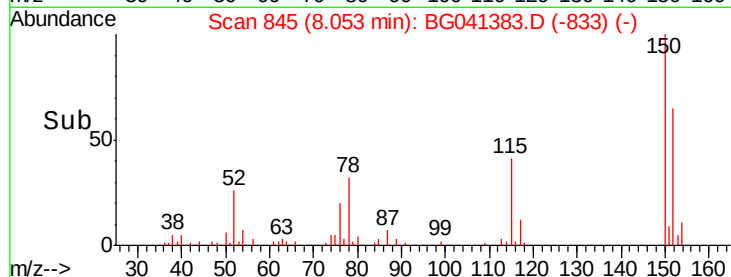
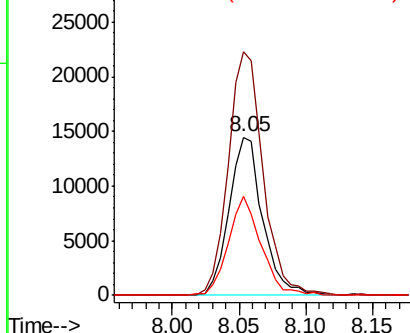
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BG041383.D
 Acq: 21 Jun 2019 19:19

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-01-005-B

Tgt Ion:152 Resp: 25402
 Ion Ratio Lower Upper
 152 100
 150 153.9 120.6 181.0
 115 62.4 47.9 71.9

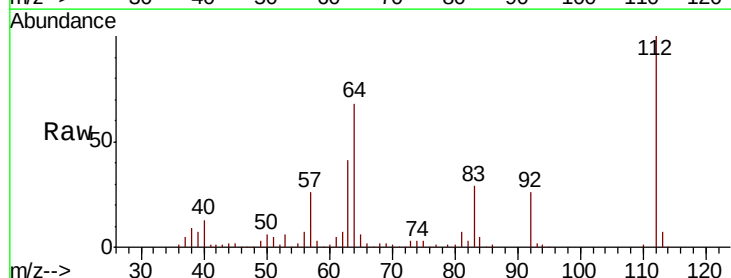


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

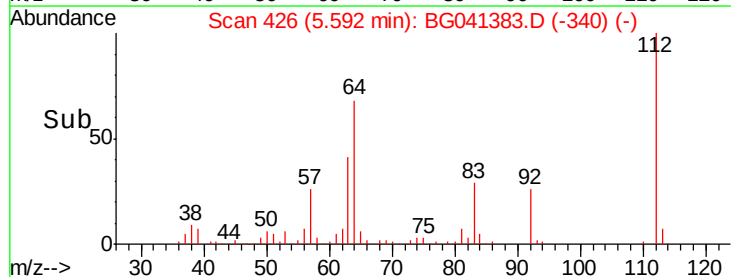
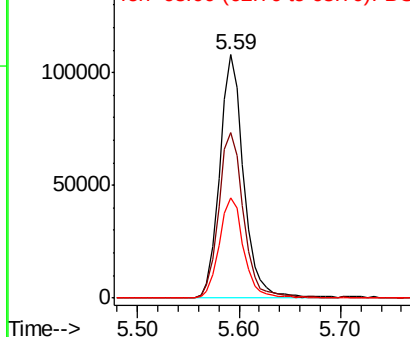


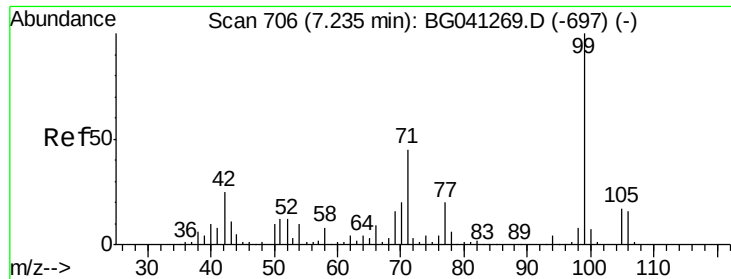
#5
 2-Fluorophenol
 Concen: 128.571 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: BG041383.D
 Acq: 21 Jun 2019 19:19

Tgt Ion:112 Resp: 177747
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.9 83.9
 63 41.2 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: 133.638 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-B

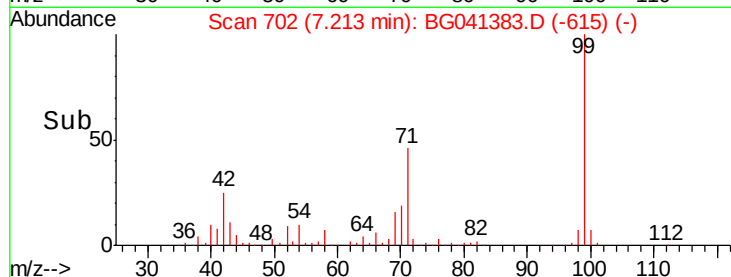
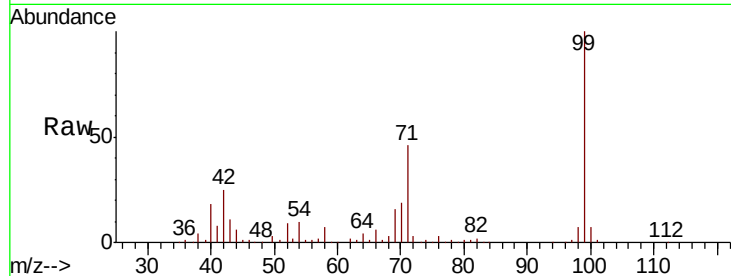
Tgt Ion: 99 Resp: 267800

Ion Ratio Lower Upper

99 100

42 24.8 19.9 29.9

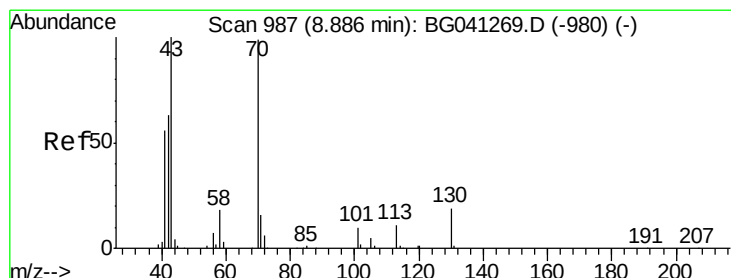
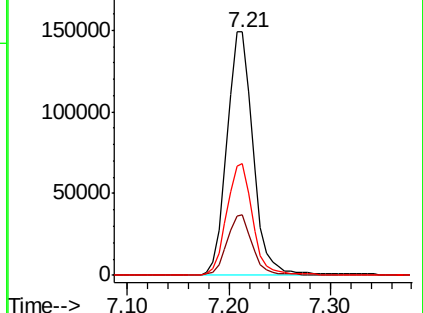
71 45.7 36.4 54.6



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: 15.909 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.35 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Tgt Ion: 70 Resp: 25785

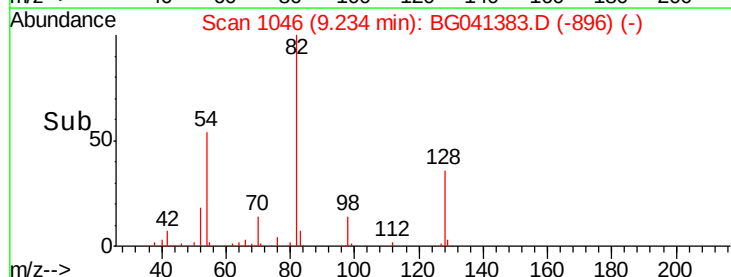
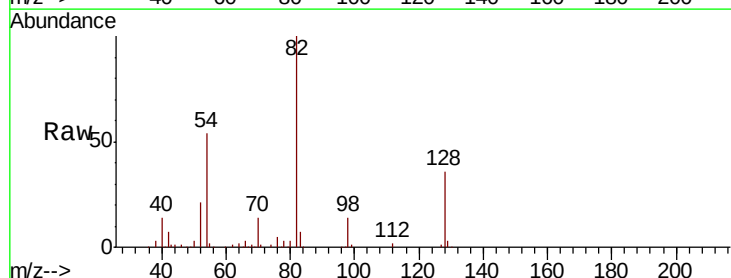
Ion Ratio Lower Upper

70 100

42 49.3 51.4 77.2#

101 0.0 8.2 12.2#

130 1.7 15.2 22.8#

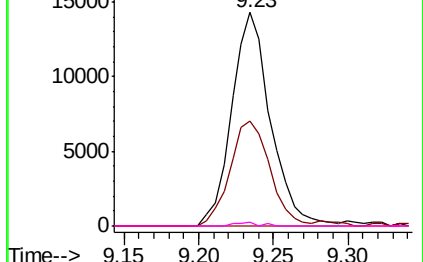


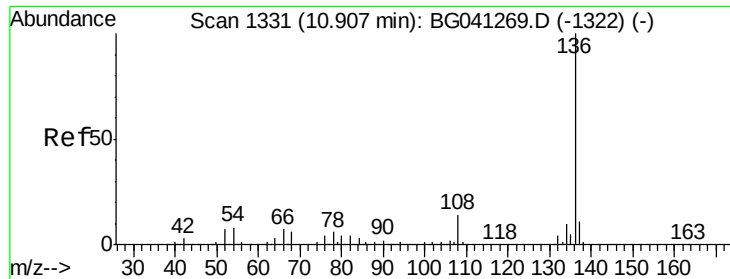
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

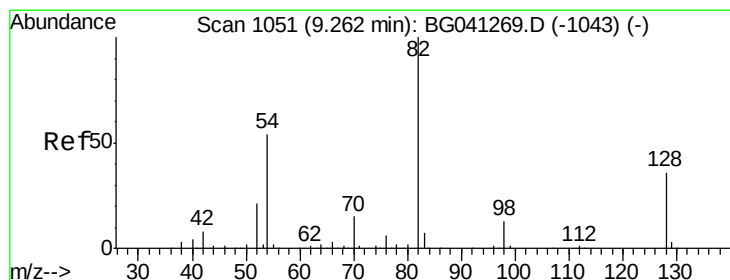
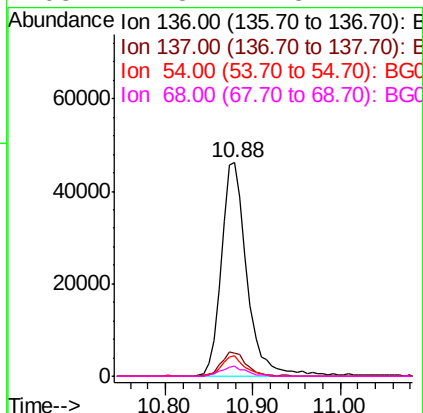
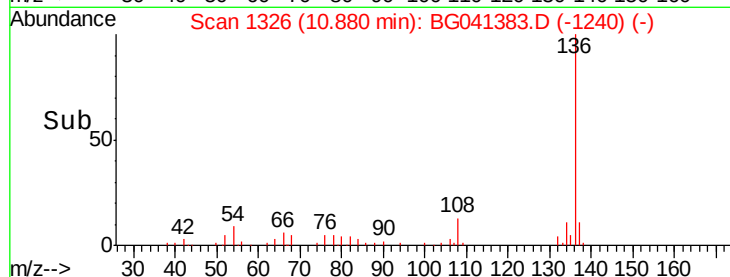
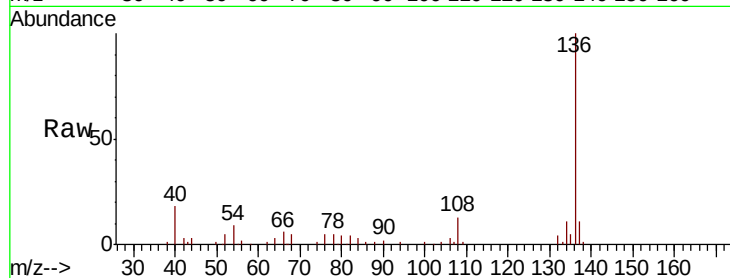




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

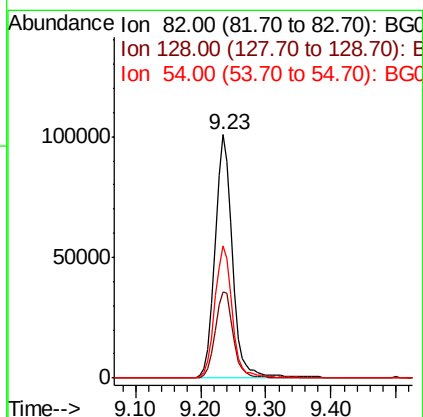
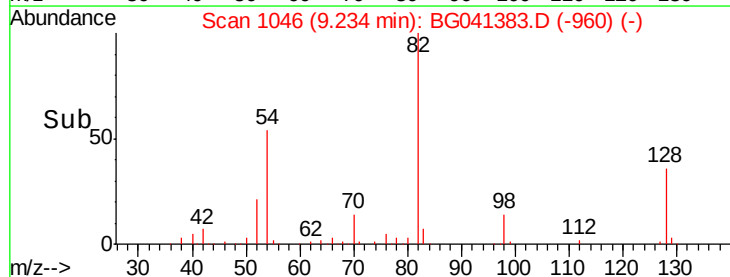
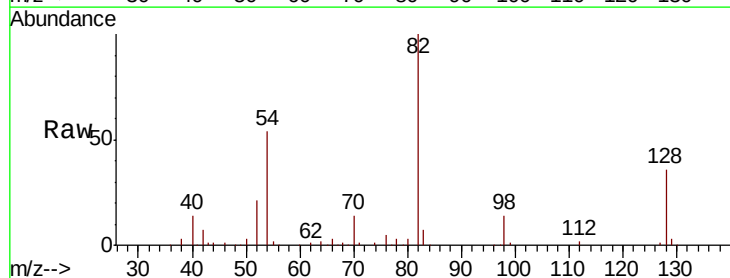
Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

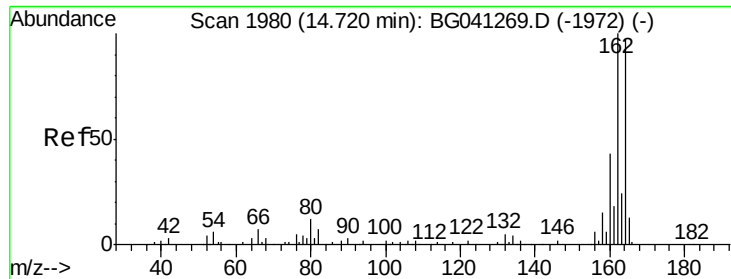
Tgt Ion: 136 Resp: 93357
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 6.4 9.6
68 4.8 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 84.648 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion: 82 Resp: 187902
Ion Ratio Lower Upper
82 100
128 35.6 29.2 43.8
54 54.1 43.4 65.0

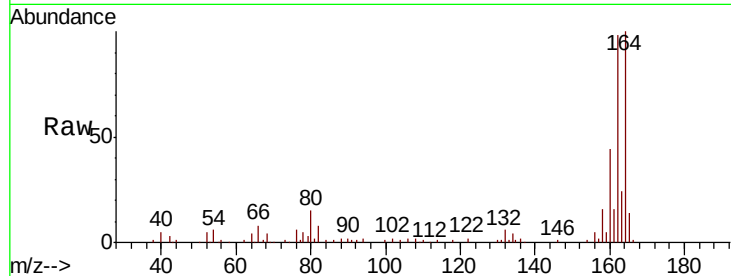




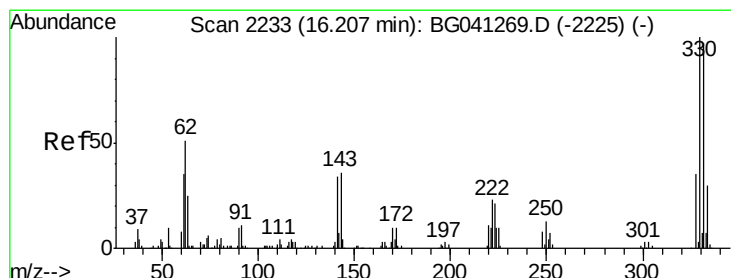
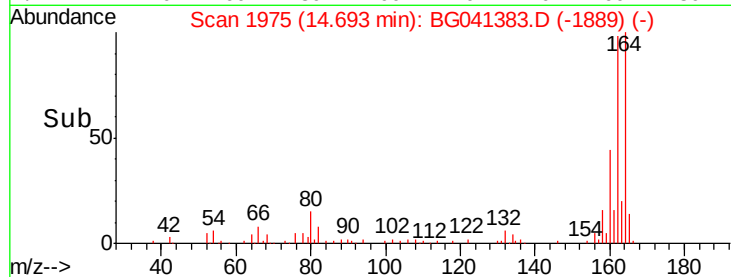
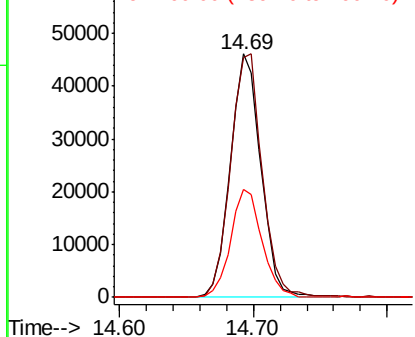
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

Tgt Ion:164 Resp: 73488
Ion Ratio Lower Upper
164 100
162 98.3 82.8 124.2
160 44.1 35.8 53.8

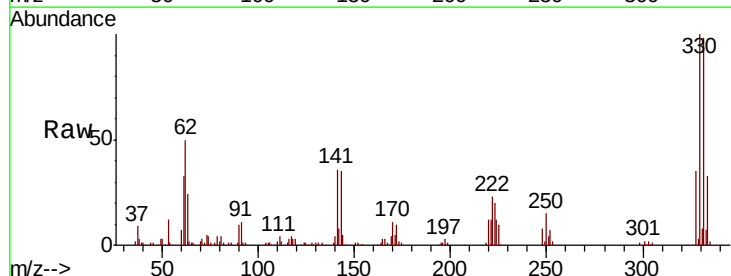


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

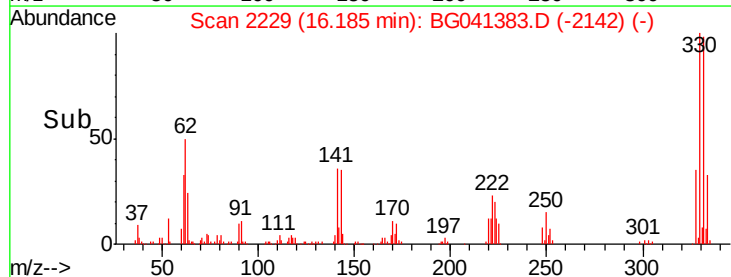
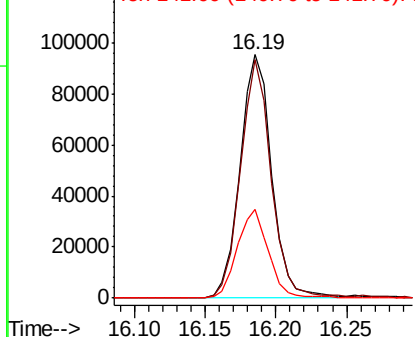


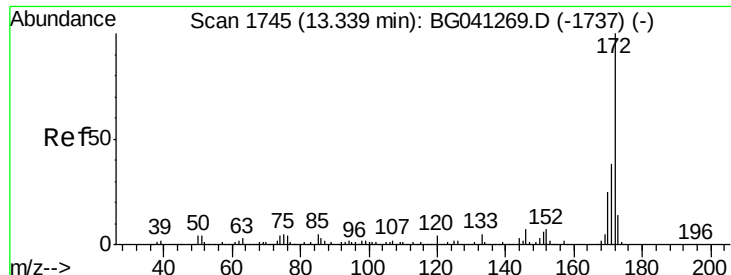
#42
2,4,6-Tribromophenol
Concen: 132.014 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion:330 Resp: 148939
Ion Ratio Lower Upper
330 100
332 95.1 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

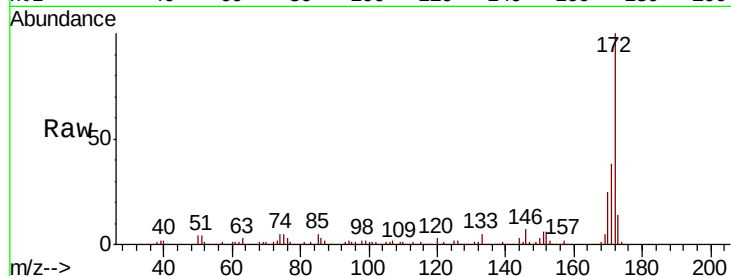




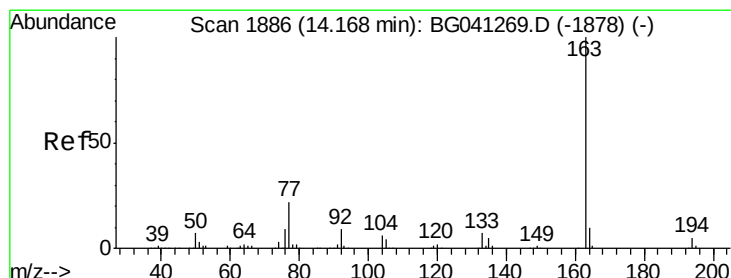
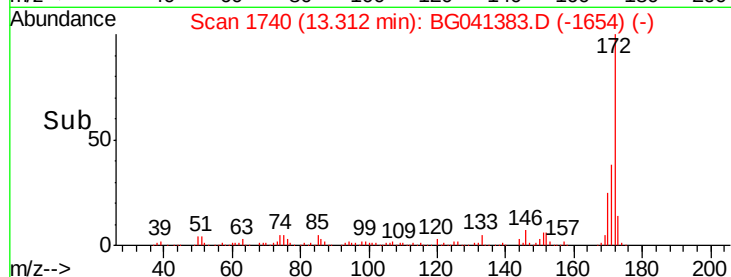
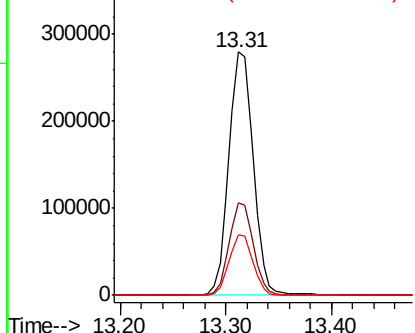
#45
2-Fluorobiphenyl
Concen: 82.660 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

Tgt Ion:172 Resp: 446934
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 25.1 19.8 29.6

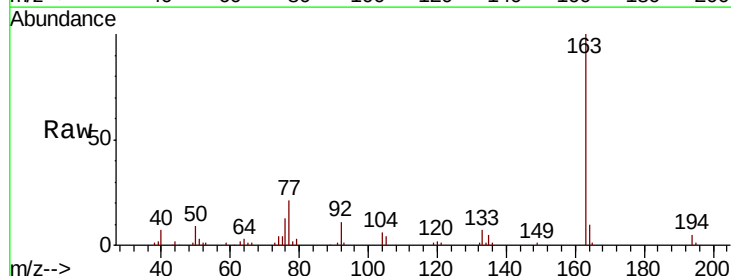


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

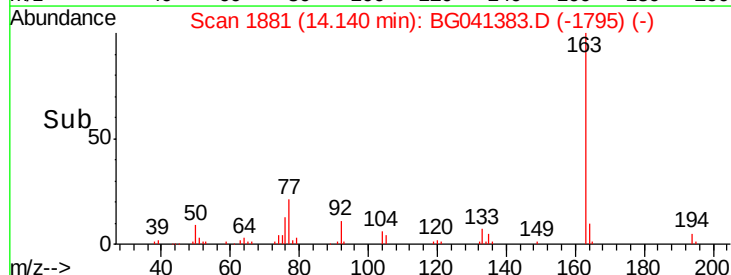
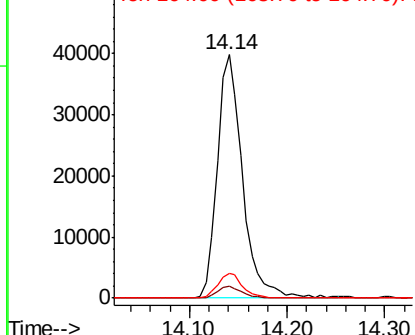


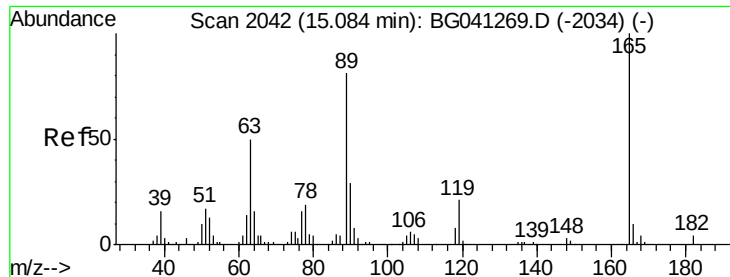
#50
Dimethylphthalate
Concen: 10.877 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion:163 Resp: 71124
Ion Ratio Lower Upper
163 100
194 5.1 3.9 5.9
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 4.643 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.39 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

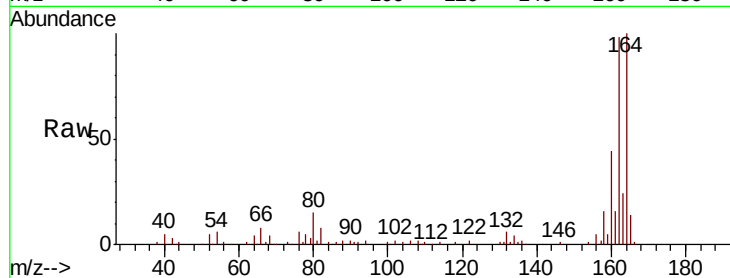
Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-B

Tgt Ion:	165	Resp:	9358
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#

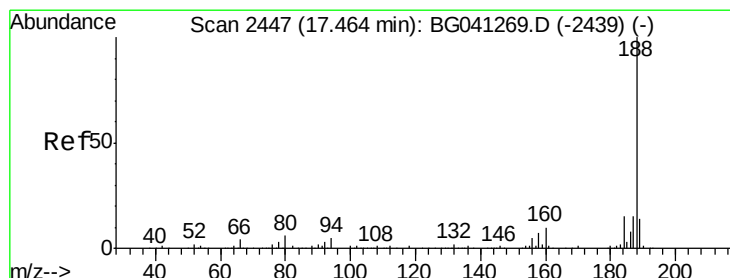
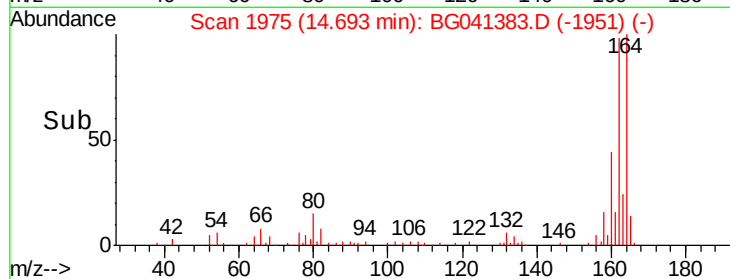
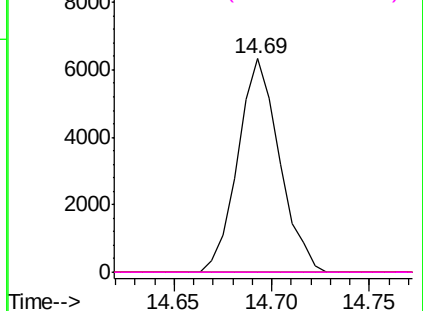


Abundance Ion 165.00 (164.70 to 165.70): E

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

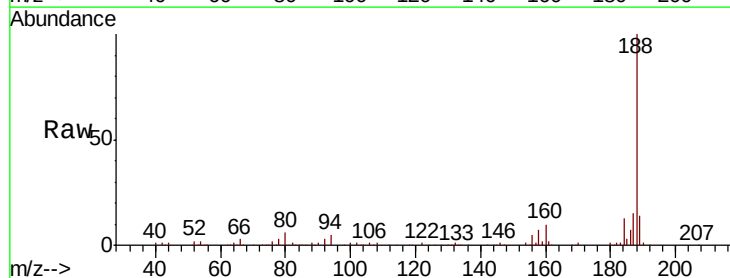
RT: 17.44 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

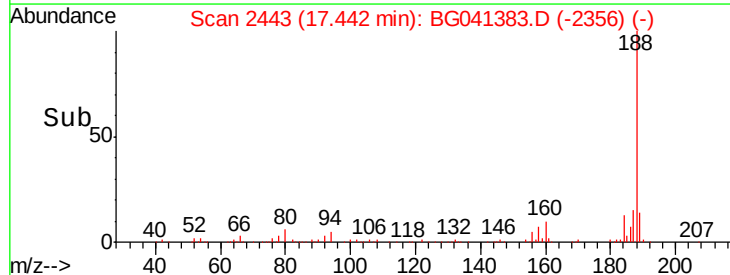
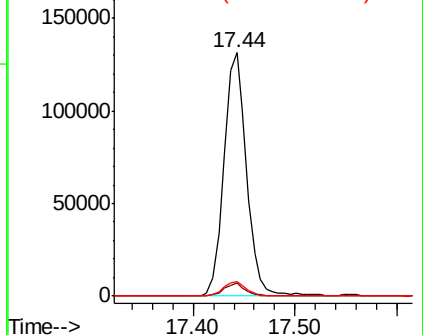
Tgt Ion:	188	Resp:	203193
Ion Ratio	Lower	Upper	
188	100		
94	5.2	3.6	5.4
80	6.1	4.8	7.2

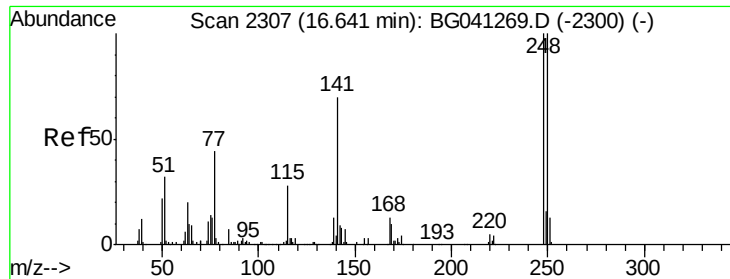


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

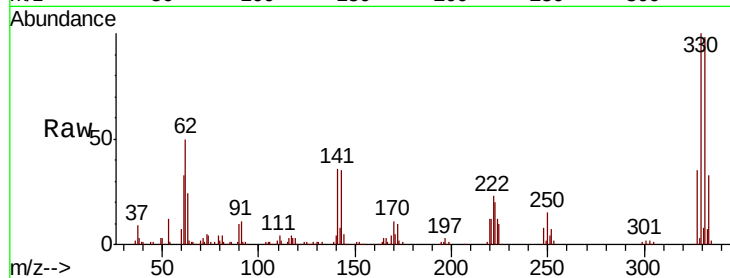




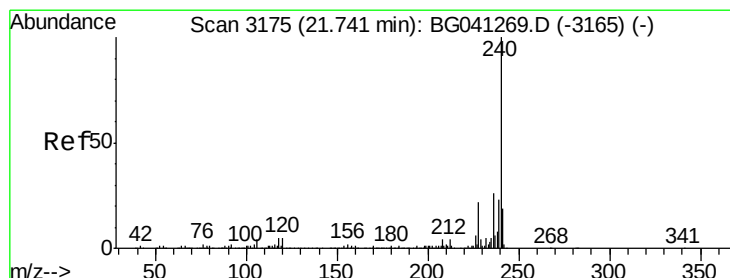
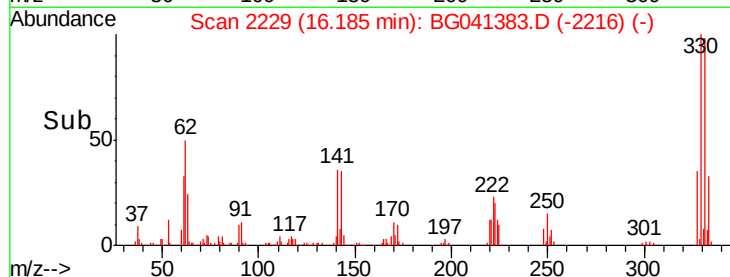
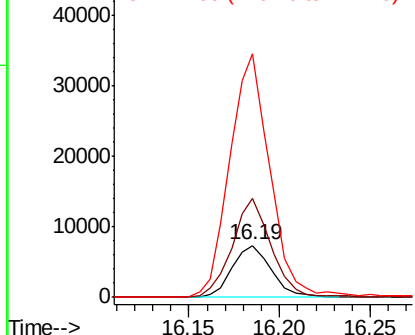
#67
4-Bromophenyl-phenylether
Concen: 4.167 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.46 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

Tgt Ion:248 Resp: 10948
Ion Ratio Lower Upper
248 100
250 190.0 79.8 119.8#
141 469.4 55.8 83.6#

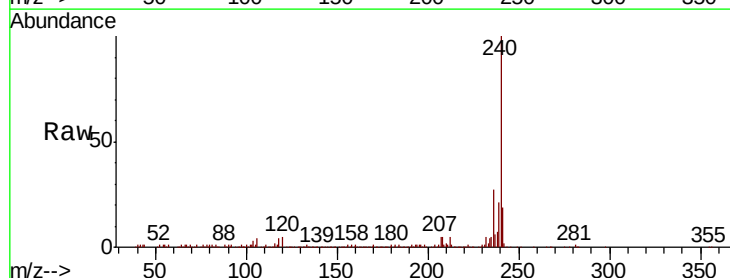


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

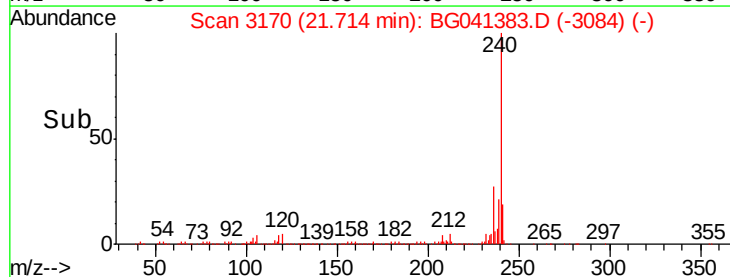
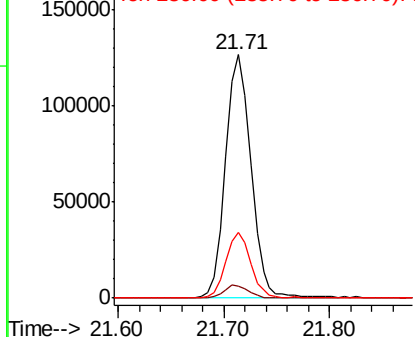


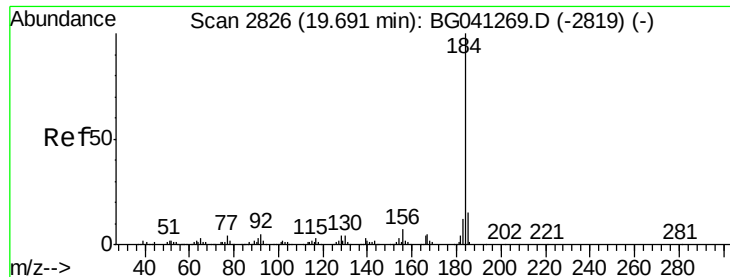
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Tgt Ion:240 Resp: 212063
Ion Ratio Lower Upper
240 100
120 4.9 3.7 5.5
236 26.8 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: 3.185 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.35 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

Instrument :

BNA_G

ClientSampleId :

FK-SF-01-005-B

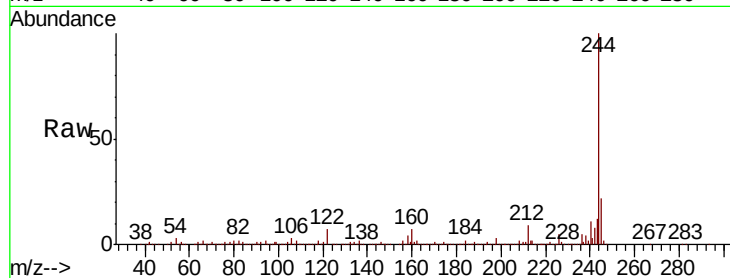
Tgt Ion:184 Resp: 16335

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

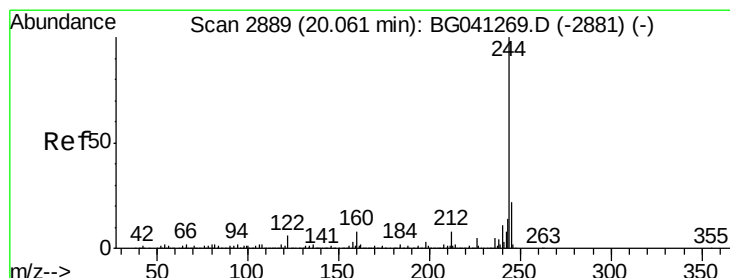
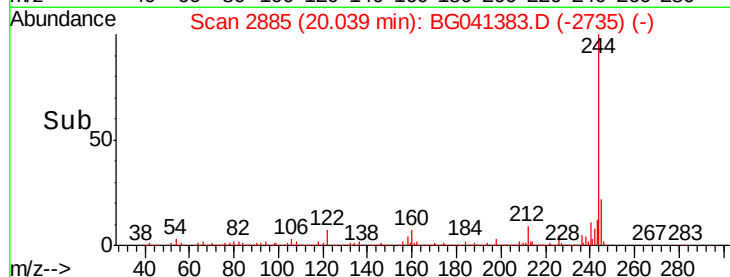
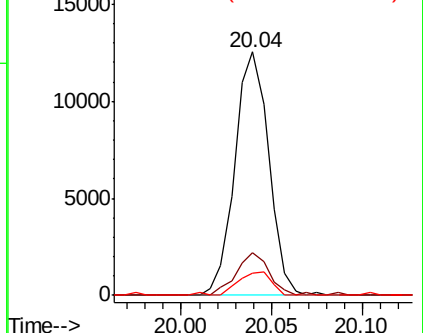
183 9.2 9.6 14.4#



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: 87.526 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041383.D

Acq: 21 Jun 2019 19:19

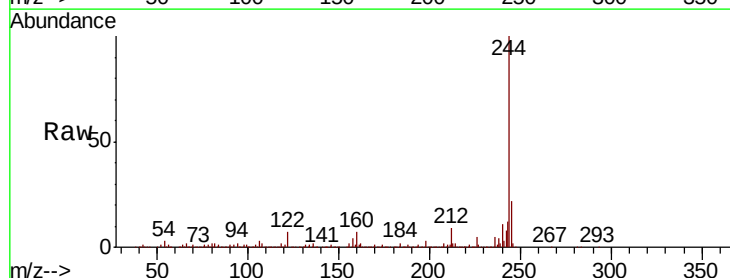
Tgt Ion:244 Resp: 936582

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

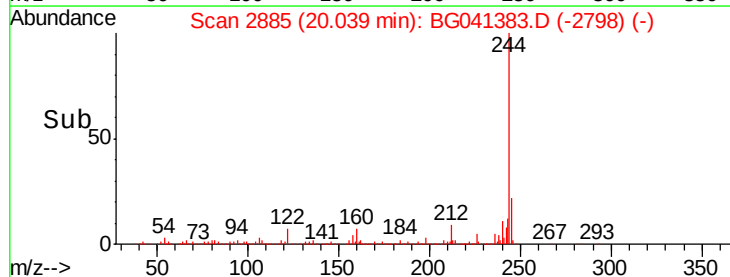
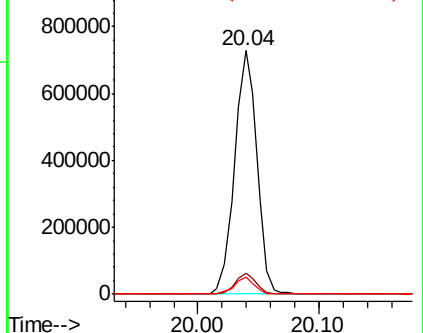
122 6.8 5.0 7.4

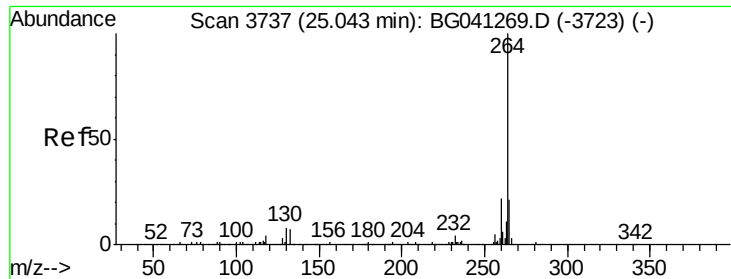


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG041383.D
Acq: 21 Jun 2019 19:19

Instrument :
BNA_G
ClientSampleId :
FK-SF-01-005-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.2
265	23.1	17.2	25.8

