

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
 Data File : BG041384.D
 Acq On : 21 Jun 2019 19:57
 Operator : HP/JU
 Sample : K3435-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-B

Quant Time: Jun 22 01:04:59 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

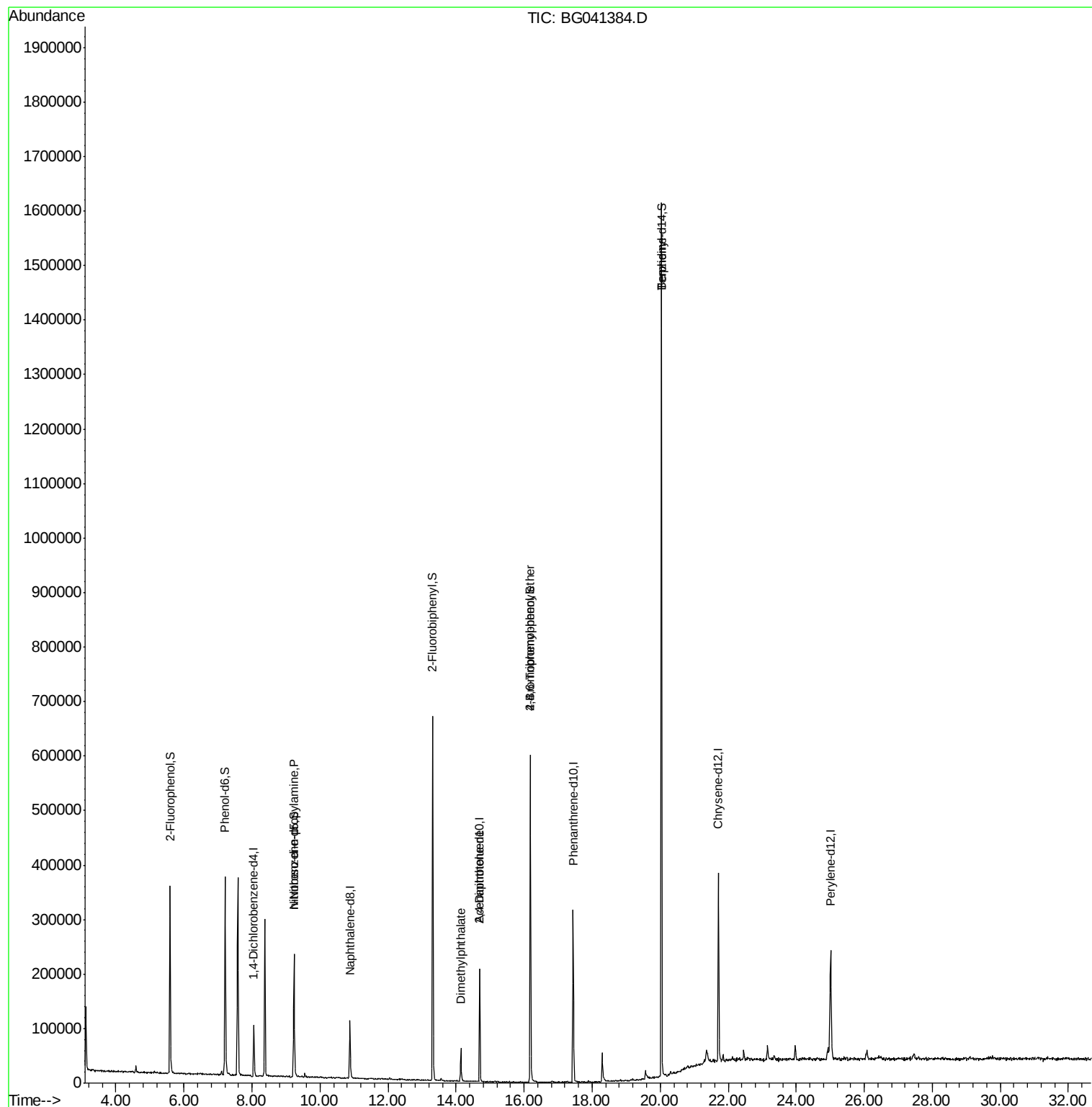
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25628	20.00	ng	-0.03
21) Naphthalene-d8	10.88	136	94800	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	75305	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	209259	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	215790	20.00	ng	-0.03
87) Perylene-d12	25.01	264	221993	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	139113	99.74	ng	-0.03
7) Phenol-d6	7.21	99	205124	101.46	ng	-0.02
23) Nitrobenzene-d5	9.23	82	142245	63.10	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	115873	100.23	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	346186	62.48	ng	-0.03
79) Terphenyl-d14	20.04	244	754439	69.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	20217	12.364	ng	# 78
50) Dimethylphthalate	14.14	163	48172	7.189	ng	# 99
57) 2,4-Dinitrotoluene	14.69	165	9832	4.761	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	8661	3.201	ng	# 1
77) Benzidine	20.04	184	12296	2.356	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062119\
Data File : BG041384.D
Acq On : 21 Jun 2019 19:57
Operator : HP/JU
Sample : K3435-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-B

Quant Time: Jun 22 01:04:59 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



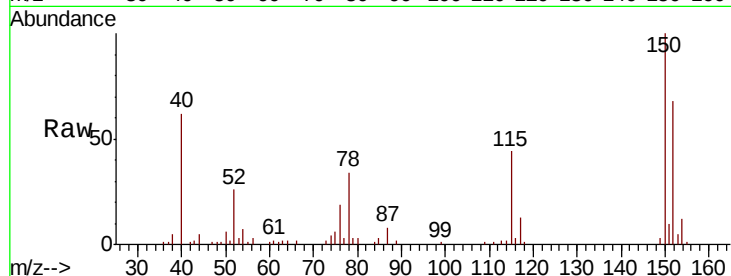


#1

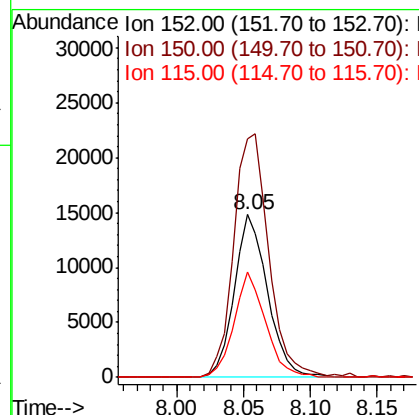
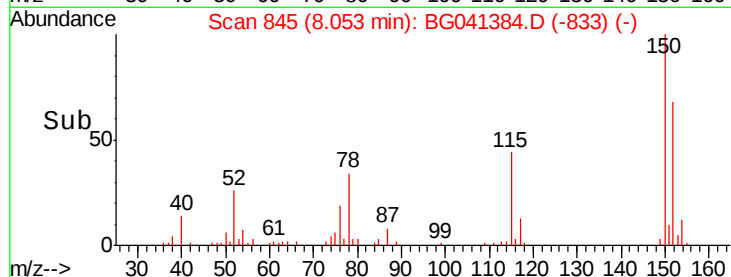
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.03 min
Lab File: BG041384.D
Acq: 21 Jun 2019 19:57

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-B

Tgt Ion:152 Resp: 25628
Ion Ratio Lower Upper
152 100
150 146.8 120.6 181.0
115 64.6 47.9 71.9



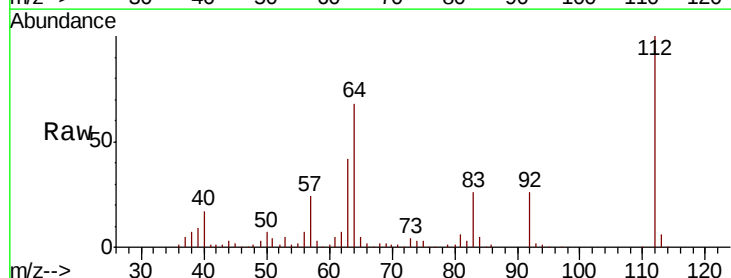
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



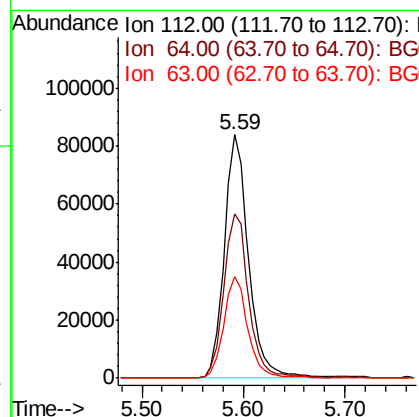
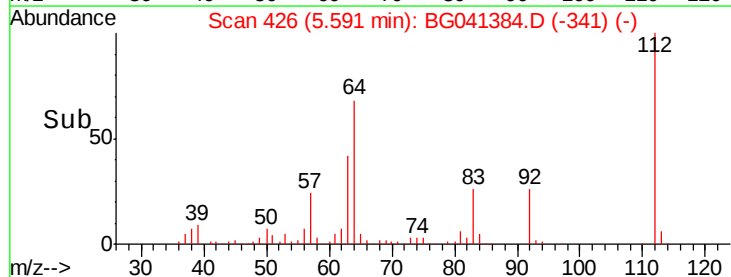
#5

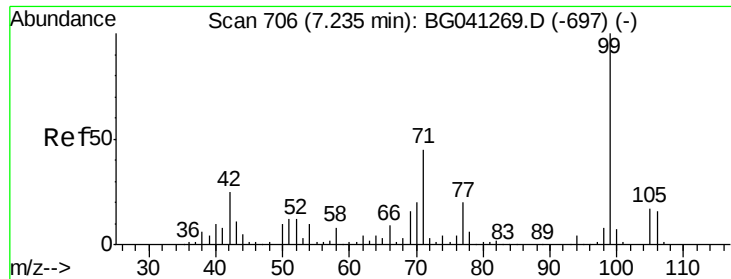
2-Fluorophenol
Concen: 99.738 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041384.D
Acq: 21 Jun 2019 19:57

Tgt Ion:112 Resp: 139113
Ion Ratio Lower Upper
112 100
64 67.7 55.9 83.9
63 41.8 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: 101.458 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG041384.D

Acq: 21 Jun 2019 19:57

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-B

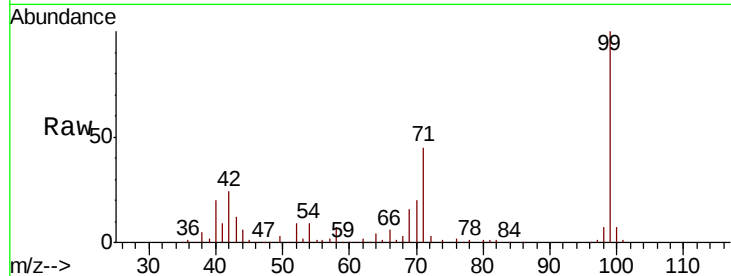
Tgt Ion: 99 Resp: 205124

Ion Ratio Lower Upper

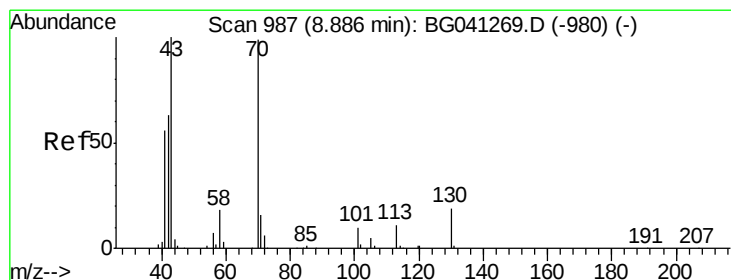
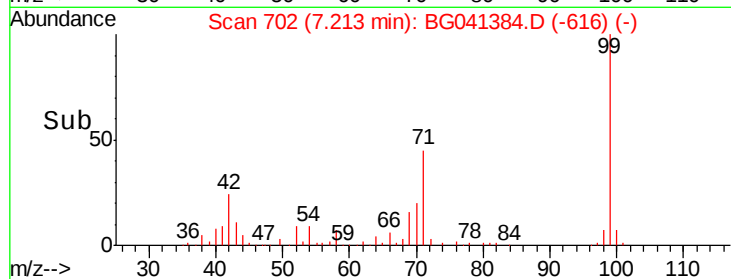
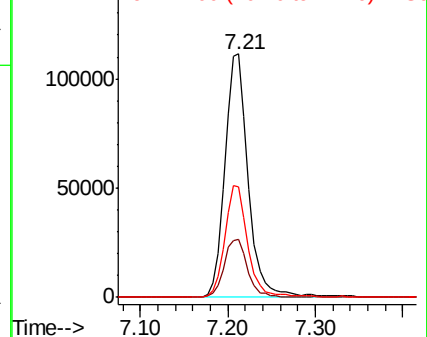
99 100

42 23.8 19.9 29.9

71 45.2 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: 12.364 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.35 min

Lab File: BG041384.D

Acq: 21 Jun 2019 19:57

Tgt Ion: 70 Resp: 20217

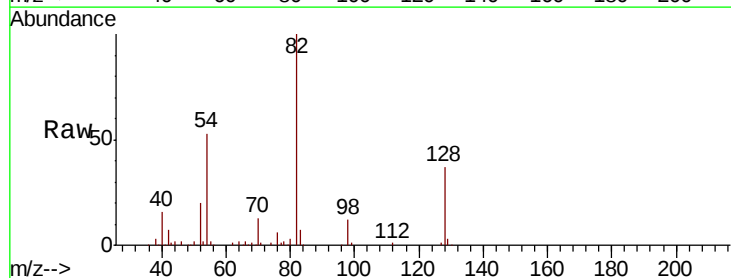
Ion Ratio Lower Upper

70 100

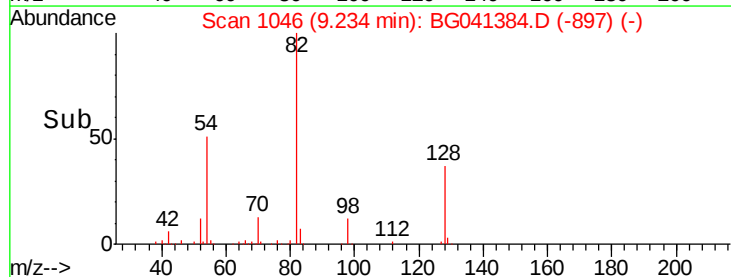
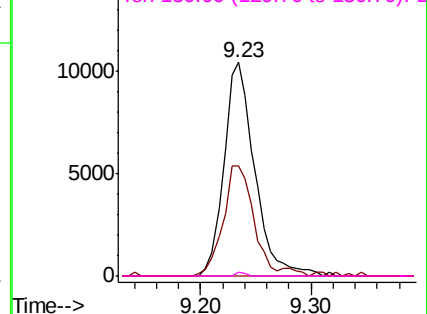
42 51.3 51.4 77.2#

101 0.0 8.2 12.2#

130 1.5 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

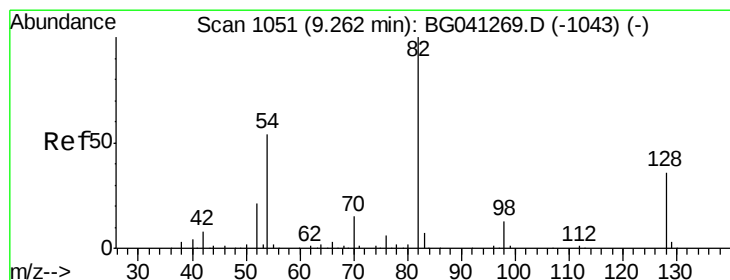
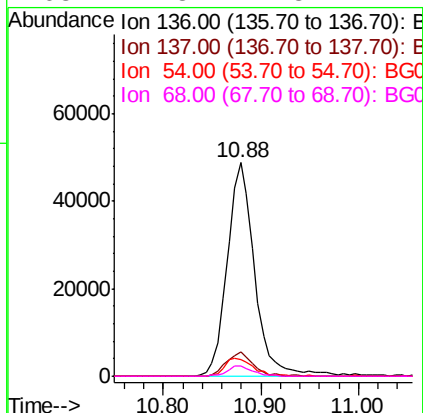
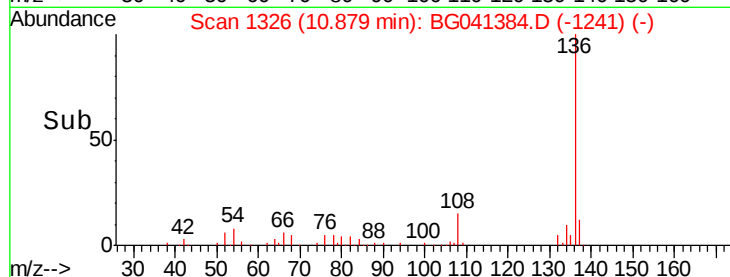
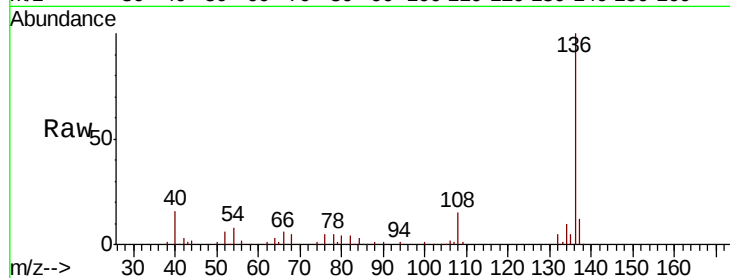




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BG041384.D
Acq: 21 Jun 2019 19:57

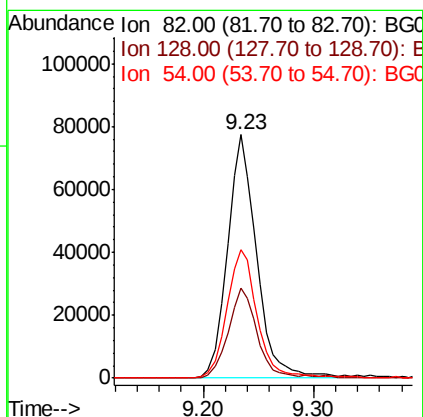
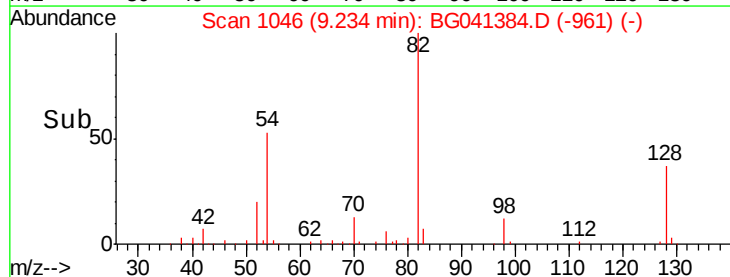
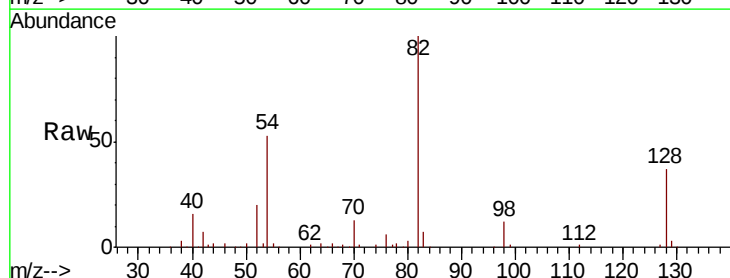
Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-B

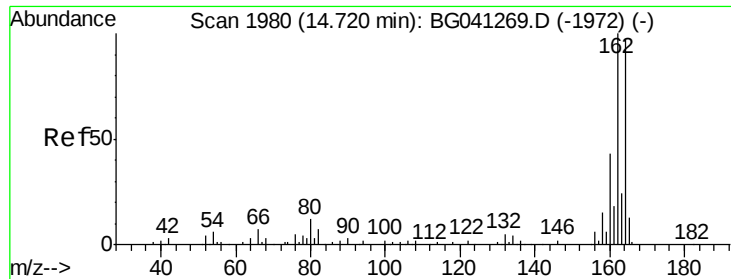
Tgt Ion:	136	Resp:	94800
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	8.1	6.4	9.6
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 63.104 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BG041384.D
Acq: 21 Jun 2019 19:57

Tgt Ion:	82	Resp:	142245
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.2	43.8
54	53.0	43.4	65.0

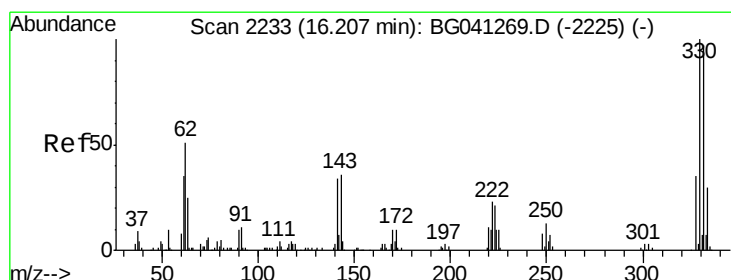
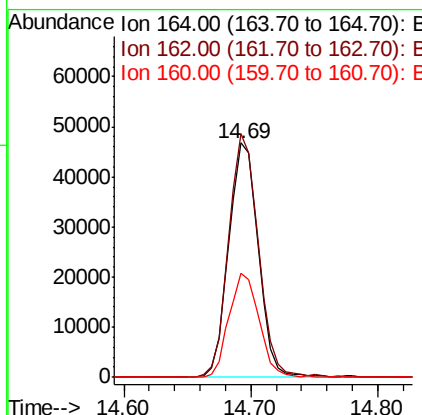
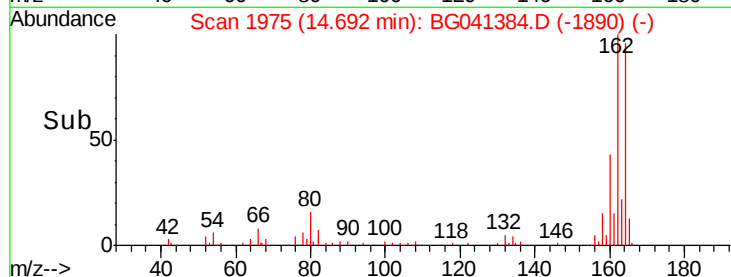
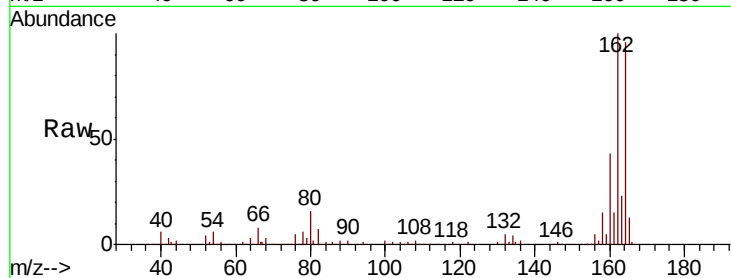




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.03 min
Lab File: BG041384.D
Acq: 21 Jun 2019 19:57

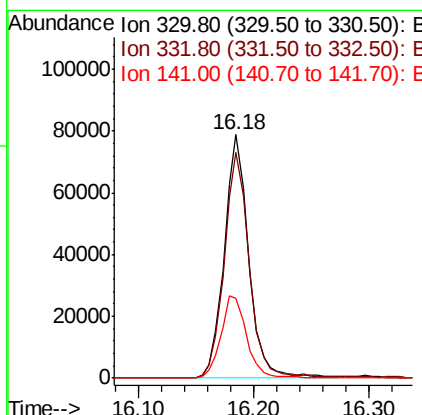
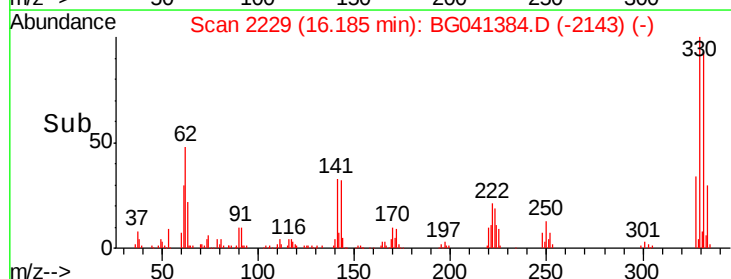
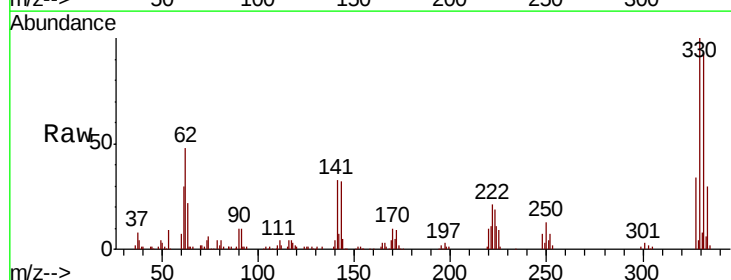
Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-B

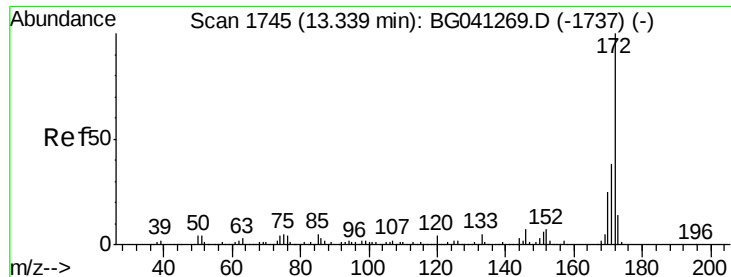
Tgt Ion:164 Resp: 75305
Ion Ratio Lower Upper
164 100
162 103.9 82.8 124.2
160 44.3 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 100.228 ng
RT: 16.18 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG041384.D
Acq: 21 Jun 2019 19:57

Tgt Ion:330 Resp: 115873
Ion Ratio Lower Upper
330 100
332 95.4 75.5 113.3
141 35.5 29.0 43.4

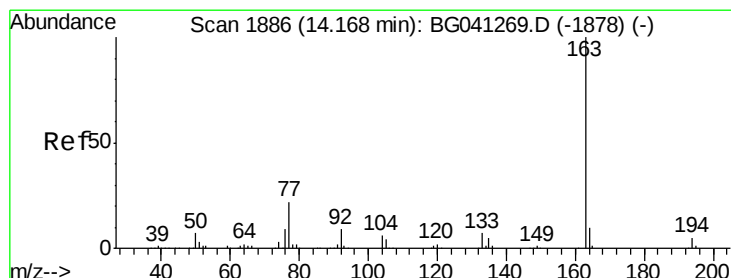
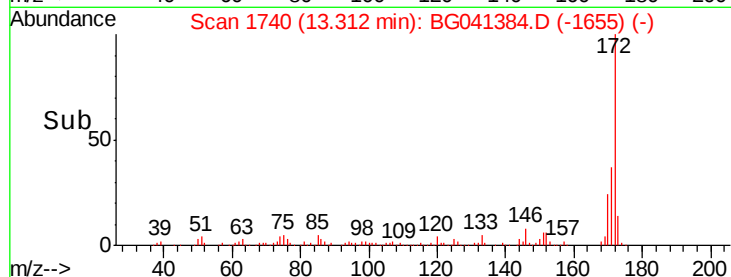
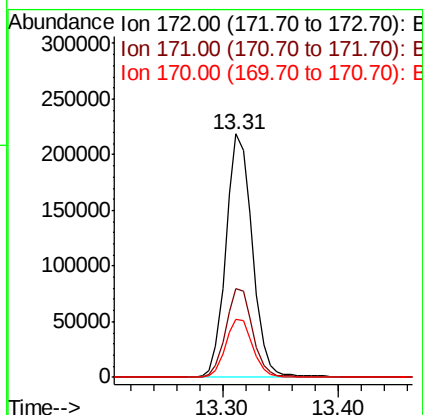
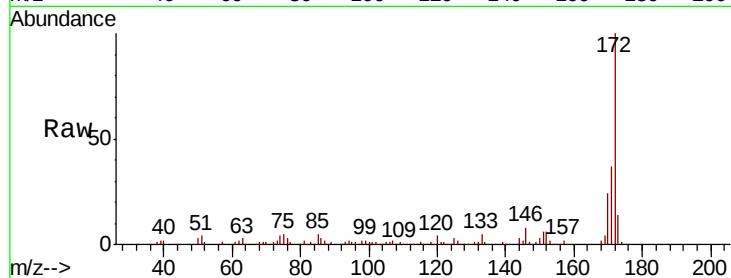




#45
 2-Fluorobiphenyl
 Concen: 62.482 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041384.D
 Acq: 21 Jun 2019 19:57

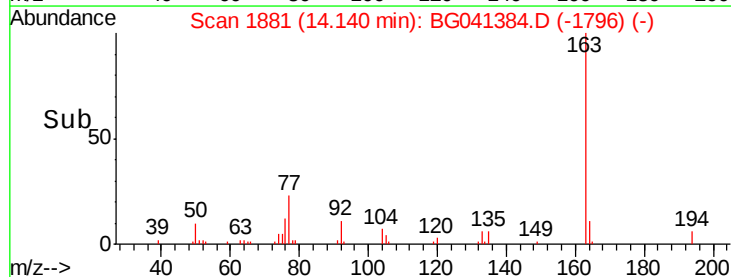
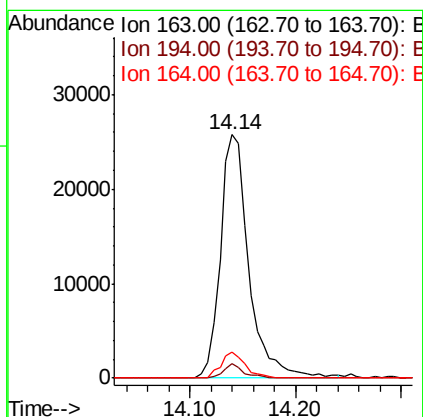
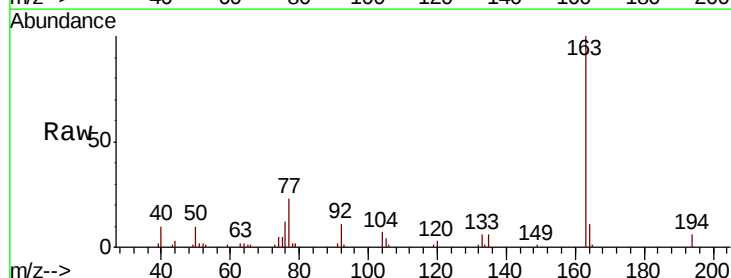
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-B

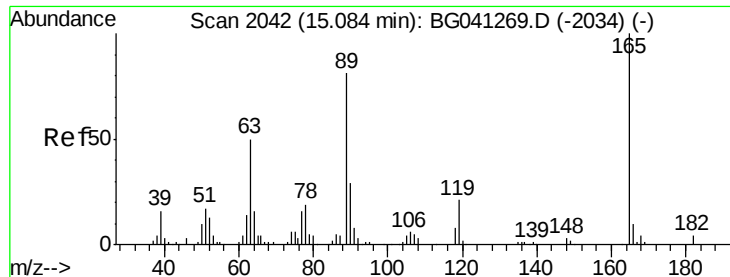
Tgt Ion:172 Resp: 346186
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.0 45.0
 170 23.9 19.8 29.6



#50
 Dimethylphthalate
 Concen: 7.189 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.03 min
 Lab File: BG041384.D
 Acq: 21 Jun 2019 19:57

Tgt Ion:163 Resp: 48172
 Ion Ratio Lower Upper
 163 100
 194 5.9 3.9 5.9#
 164 10.7 8.3 12.5

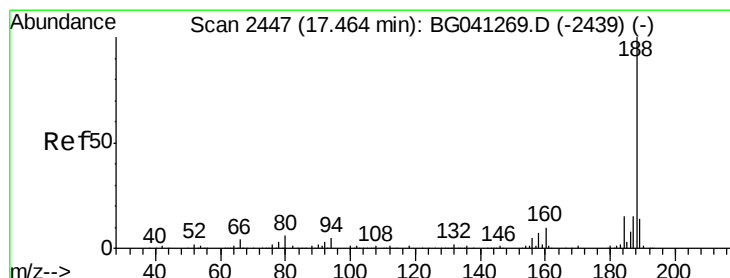
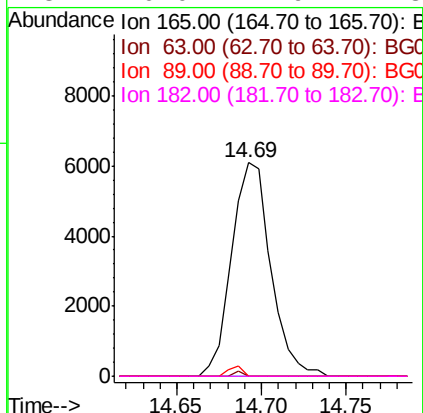
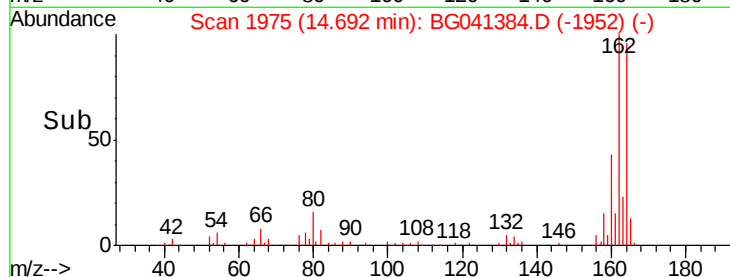
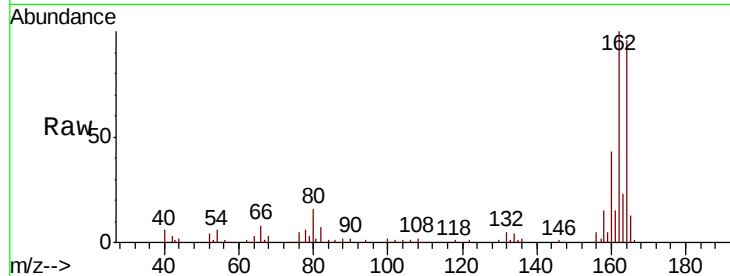




#57
 2,4-Dinitrotoluene
 Concen: 4.761 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.39 min
 Lab File: BG041384.D
 Acq: 21 Jun 2019 19:57

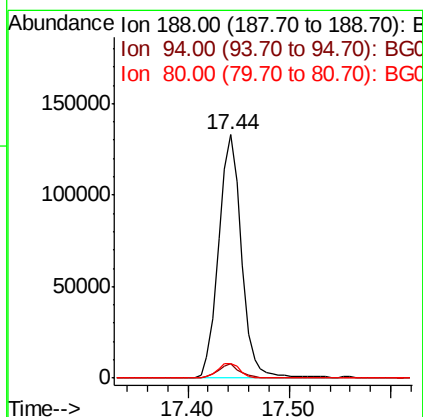
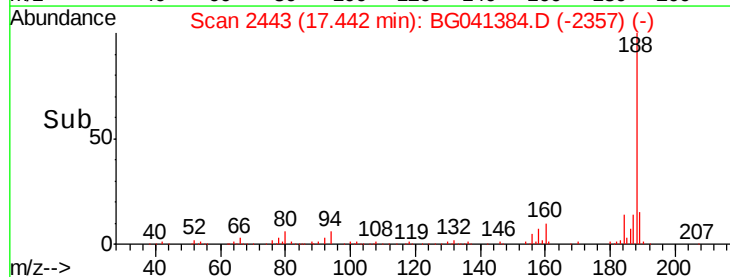
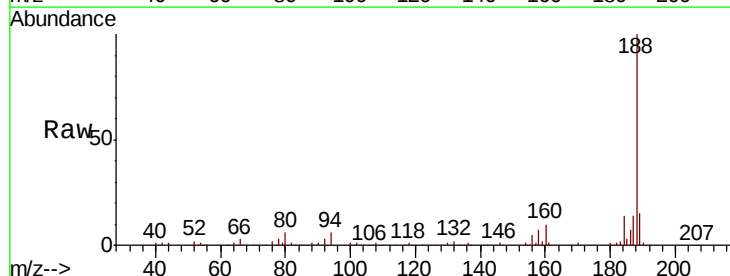
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-B

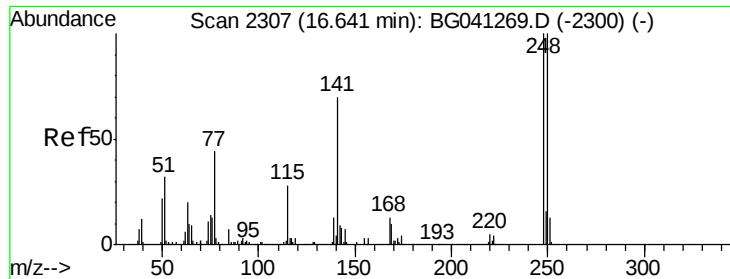
Tgt Ion:	165	Resp:	9832
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.02 min
 Lab File: BG041384.D
 Acq: 21 Jun 2019 19:57

Tgt Ion:	188	Resp:	209259
Ion	Ratio	Lower	Upper
188	100		
94	5.8	3.6	5.4#
80	6.2	4.8	7.2

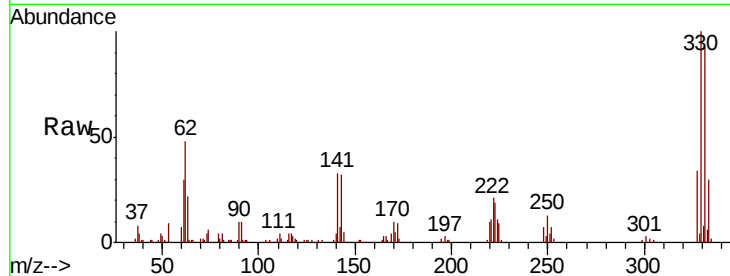




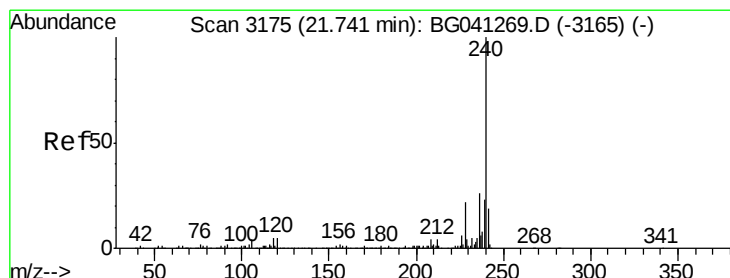
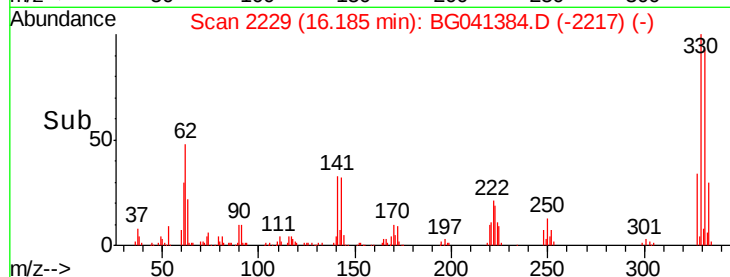
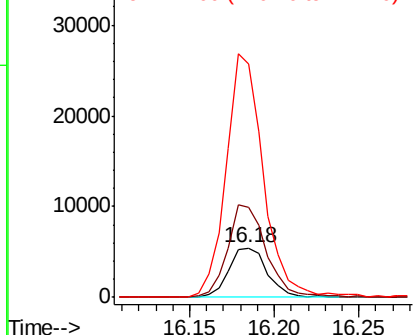
#67
 4-Bromophenyl-phenylether
 Concen: 3.201 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041384.D
 Acq: 21 Jun 2019 19:57

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-004-B

Tgt Ion:248 Resp: 8661
 Ion Ratio Lower Upper
 248 100
 250 182.8 79.8 119.8#
 141 473.0 55.8 83.6#

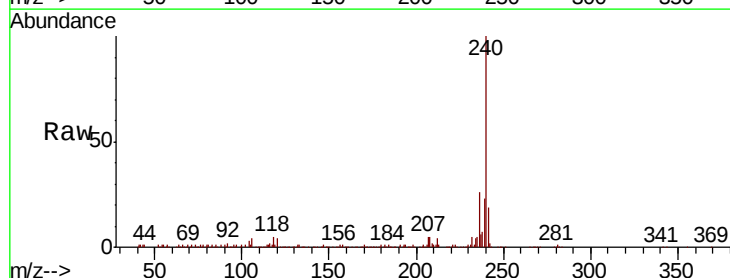


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

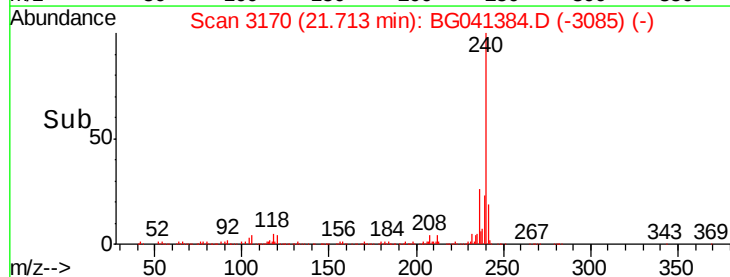
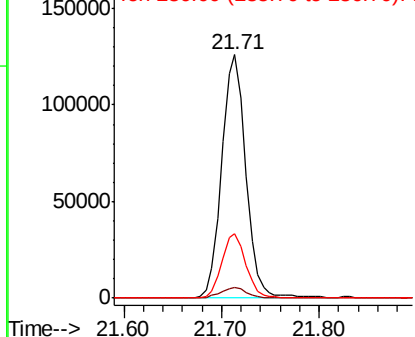


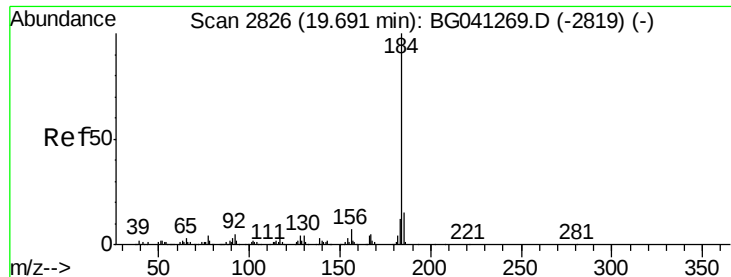
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.03 min
 Lab File: BG041384.D
 Acq: 21 Jun 2019 19:57

Tgt Ion:240 Resp: 215790
 Ion Ratio Lower Upper
 240 100
 120 4.2 3.7 5.5
 236 26.2 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: 2.356 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.35 min

Lab File: BG041384.D

Acq: 21 Jun 2019 19:57

Instrument :

BNA_G

ClientSampleId :

FK-SF-02-004-B

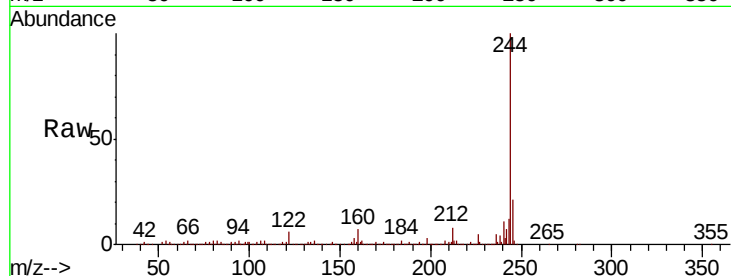
Tgt Ion:184 Resp: 12296

Ion Ratio Lower Upper

184 100

185 15.3 12.2 18.2

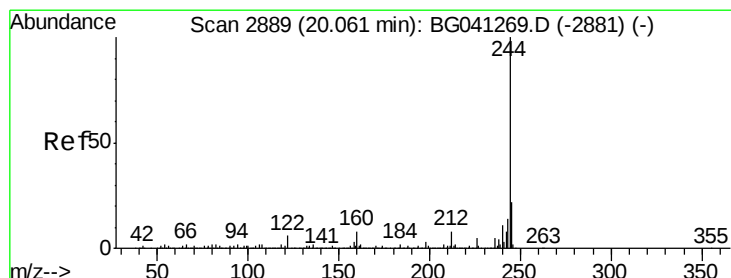
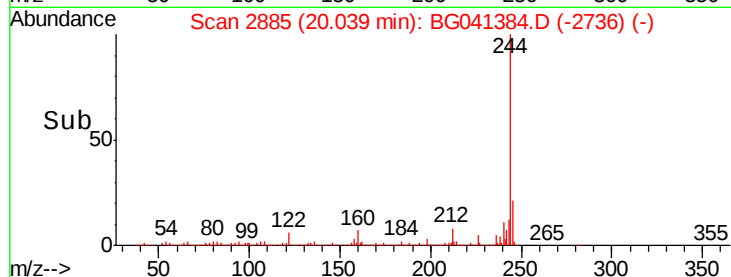
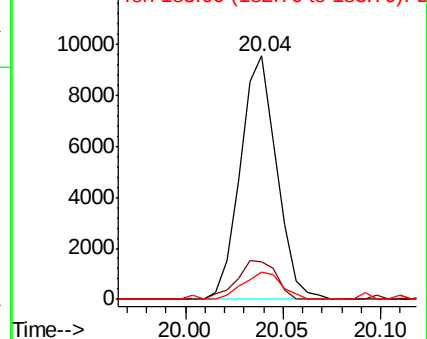
183 11.1 9.6 14.4



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: 69.287 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG041384.D

Acq: 21 Jun 2019 19:57

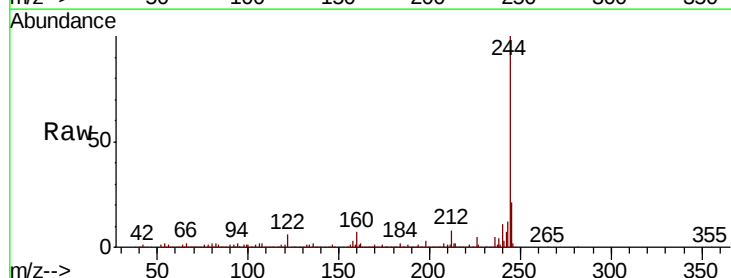
Tgt Ion:244 Resp: 754439

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

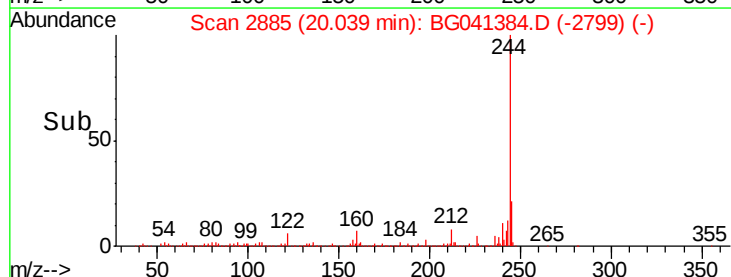
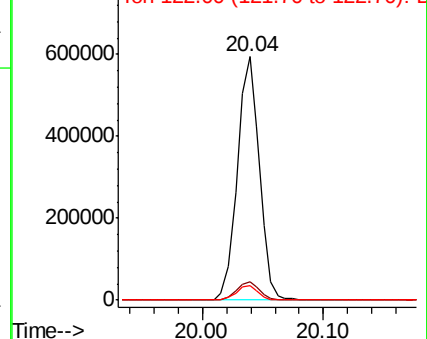
122 6.1 5.0 7.4

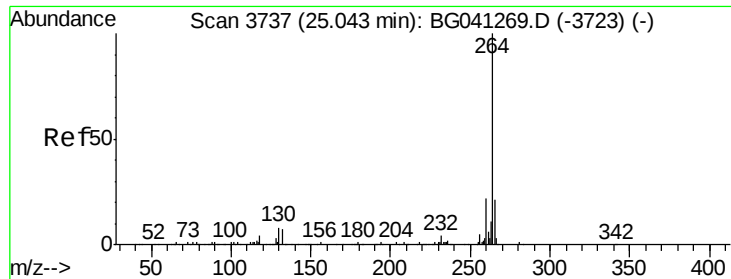


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG041384.D
Acq: 21 Jun 2019 19:57

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-004-B

Tgt Ion: 264 Resp: 221993

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.2
265	20.5	17.2	25.8

