

Data File : BF096911.D
Acq On : 20 Jul 2017 17:47
Operator : SJ/JU
Sample : I4282-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-B

Quant Time: Jul 21 03:26:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	108849	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	403858	20.00	ng	-0.04
38) Acenaphthene-d10	9.60	164	180197	20.00	ng	-0.04
63) Phenanthrene-d10	11.07	188	334501	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	194112	20.00	ng	-0.04
86) Perylene-d12	15.07	264	175227	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	836062	115.49	ng	-0.02
7) Phenol-d6	6.23	99	1121412	129.09	ng	-0.02
23) Nitrobenzene-d5	7.13	82	660519	101.31	ng	-0.04
41) 2,4,6-Tribromophenol	10.39	330	216690	140.88	ng	-0.04
44) 2-Fluorobiphenyl	8.93	172	966386	84.73	ng	-0.03
78) Terphenyl-d14	12.66	244	673828	60.20	ng	-0.03
Target Compounds						
10) Phenol	6.23	94	47183	4.80	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	88755	16.96	ng	# 89
25) Isophorone	7.13	82	620661	51.17	ng	# 67
49) Dimethylphthalate	9.32	163	132249	9.75	ng	99
56) 2,4-Dinitrotoluene	9.60	165	22832	6.05	ng	# 33
66) 4-Bromophenyl-phenylether	10.39	248	13496	3.95	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.33	276	7064	3.95	ng	# 87

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

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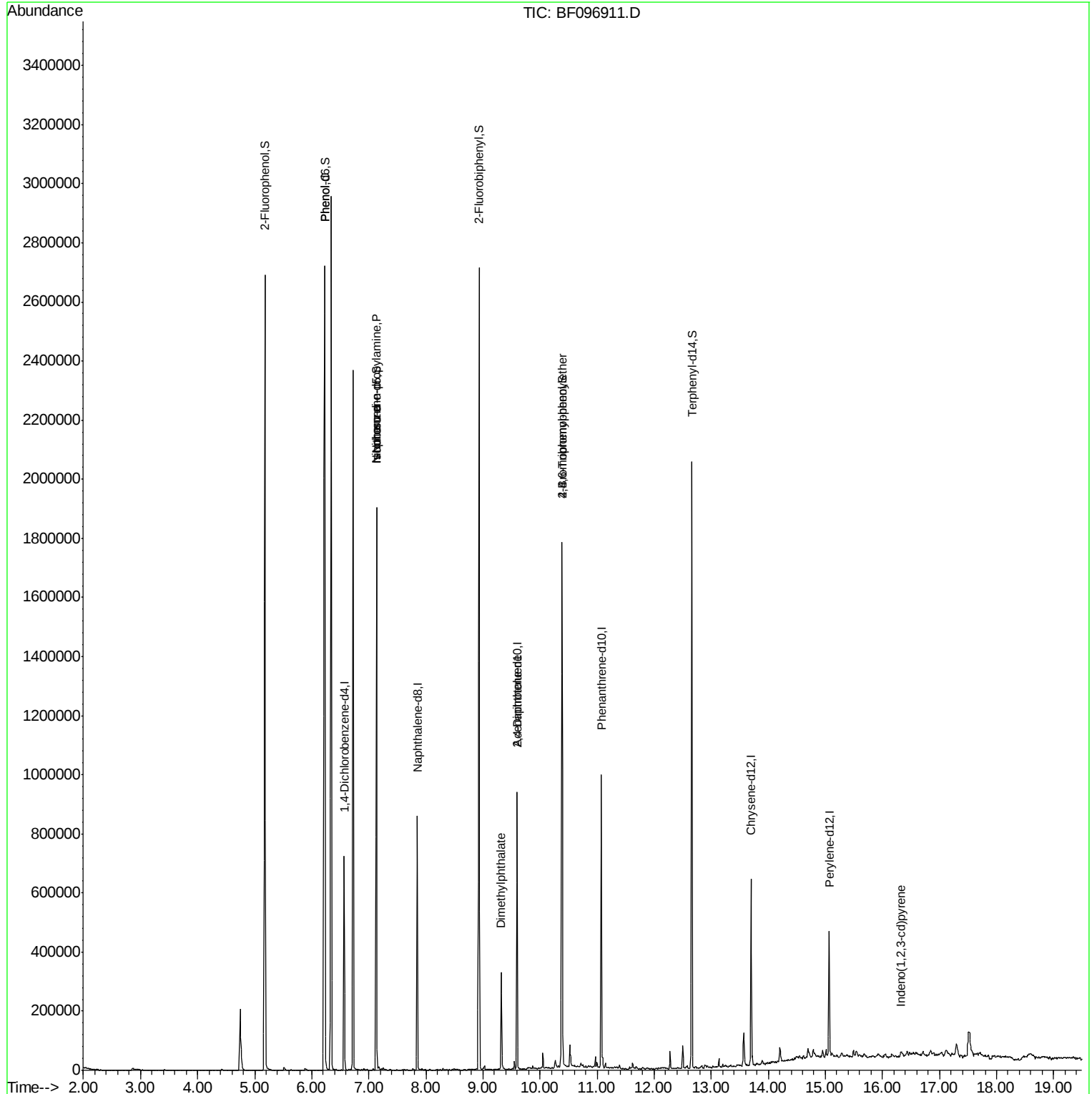
Quant Time: Jul 21 03:26:13 2017

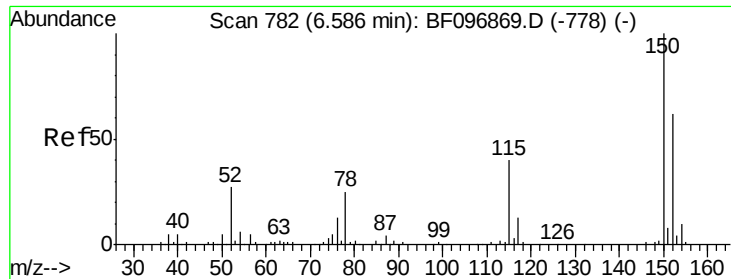
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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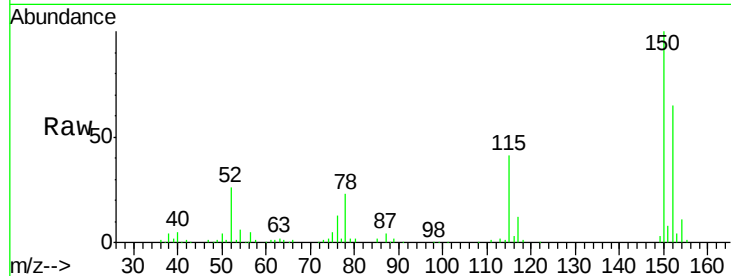




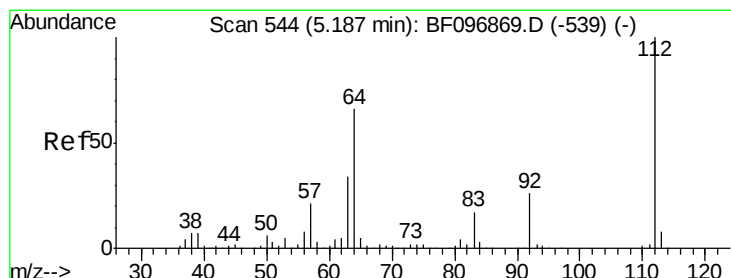
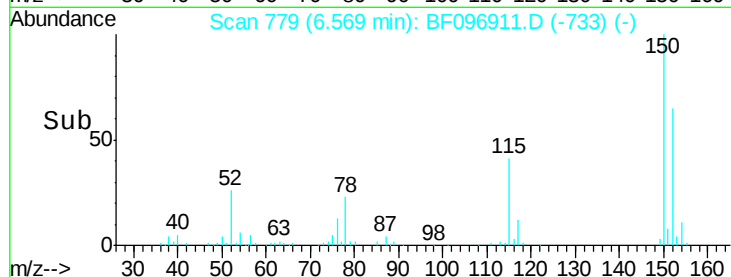
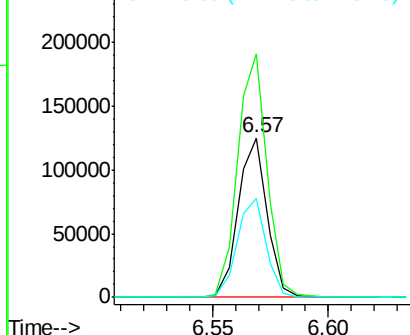
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-B

Tgt Ion:152 Resp: 108849
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.2 189.2
 115 61.9 52.2 78.2

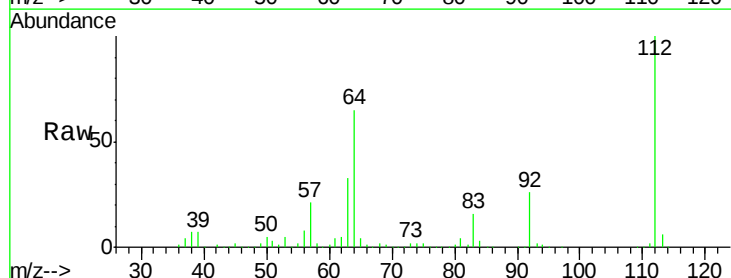


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

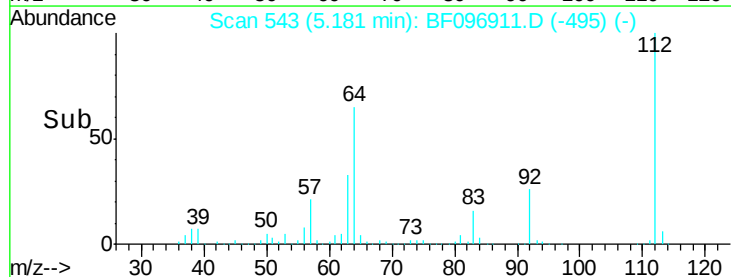
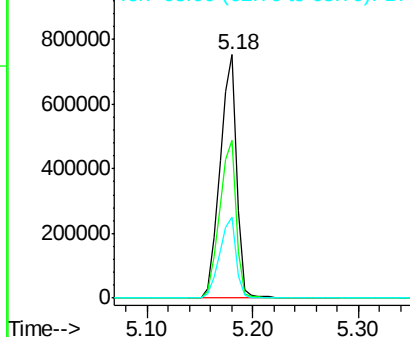


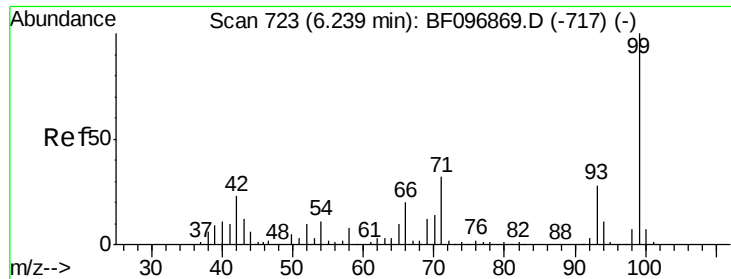
#5
 2-Fluorophenol
 Concen: 115.49 ng
 RT: 5.18 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Tgt Ion:112 Resp: 836062
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.0 69.0
 63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.09 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096911.D

Acq: 20 Jul 2017 17:47

Instrument :

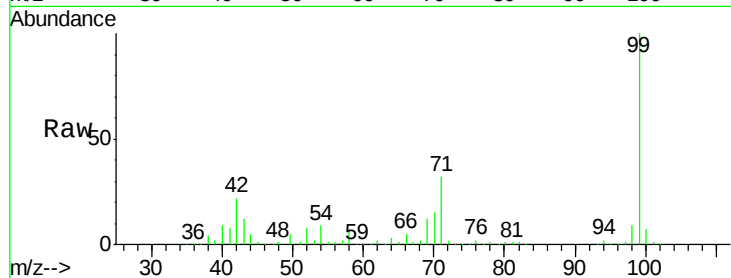
BNA_F

ClientSampleId :

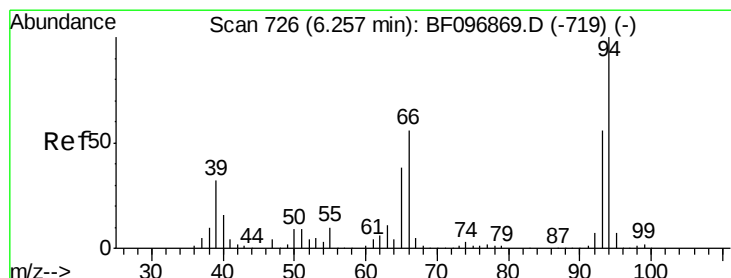
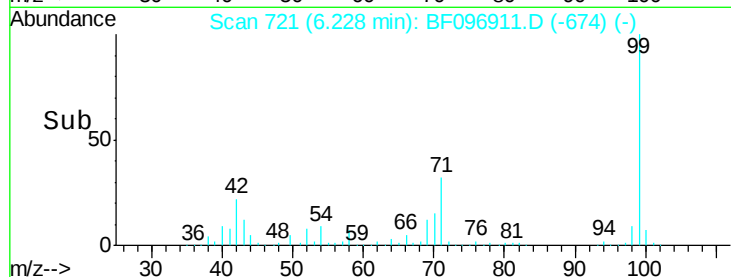
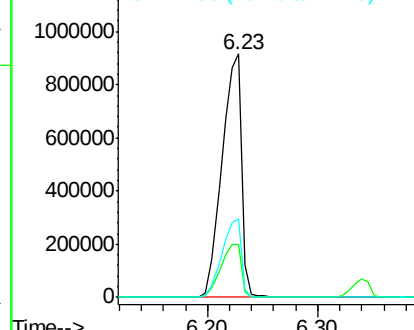
FK-GF-02-007-B

Tgt Ion: 99 Resp: 1121412

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	32.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.80 ng

RT: 6.23 min Scan# 722

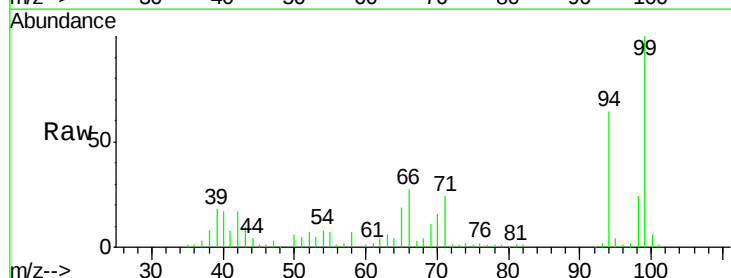
Delta R.T. -0.04 min

Lab File: BF096911.D

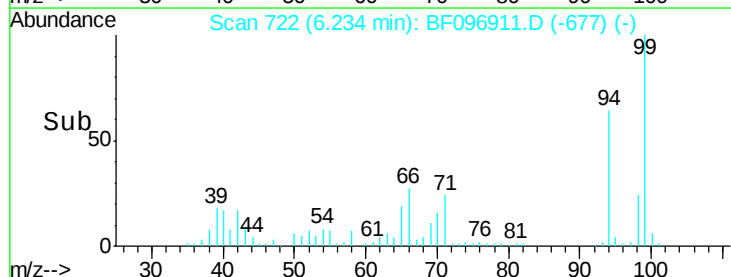
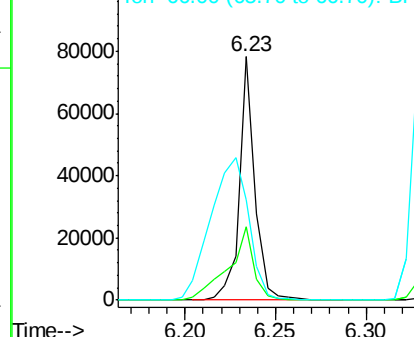
Acq: 20 Jul 2017 17:47

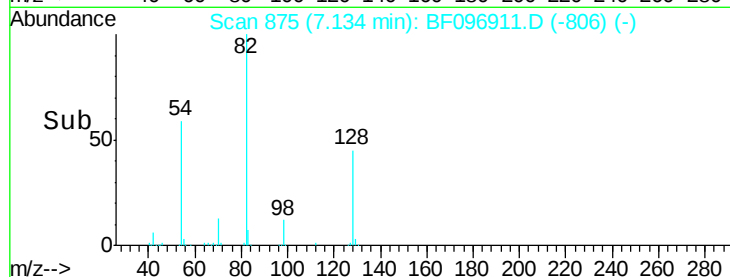
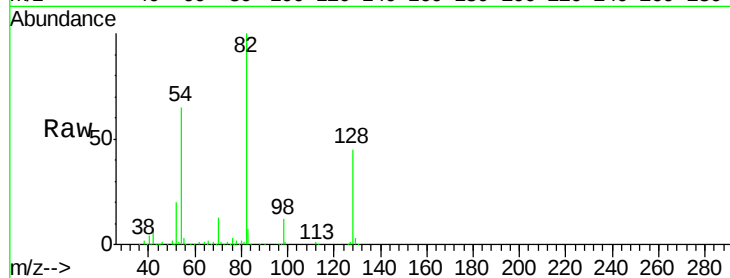
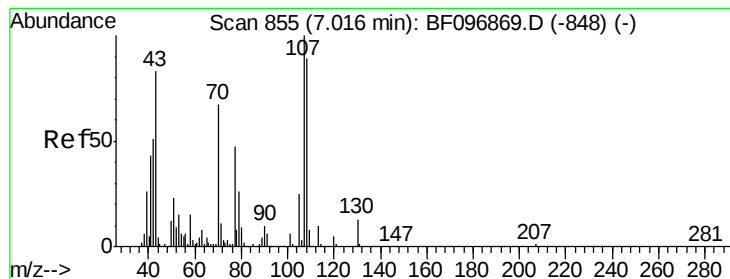
Tgt Ion: 94 Resp: 47183

Ion	Ratio	Lower	Upper
94	100		
65	30.4	9.9	49.9
66	41.4	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.96 ng

RT: 7.13 min Scan# 875

Delta R.T. 0.11 min

Lab File: BF096911.D

Acq: 20 Jul 2017 17:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-007-B

Tgt Ion: 70 Resp: 88755

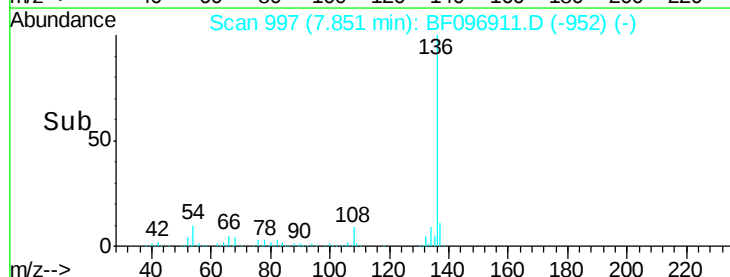
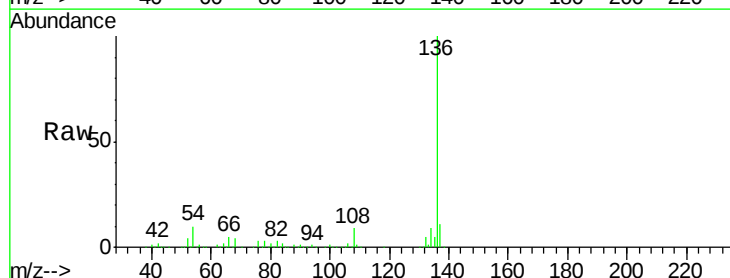
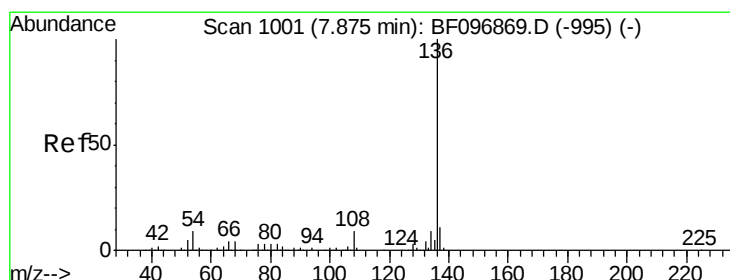
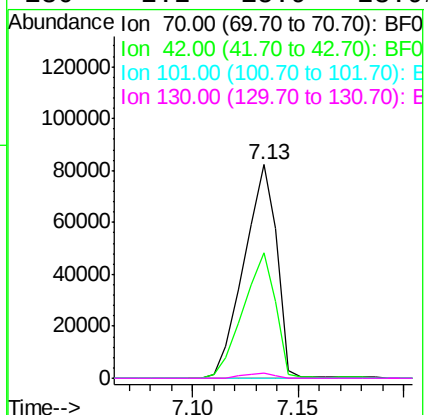
Ion Ratio Lower Upper

70 100

42 59.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096911.D

Acq: 20 Jul 2017 17:47

Tgt Ion: 136 Resp: 403858

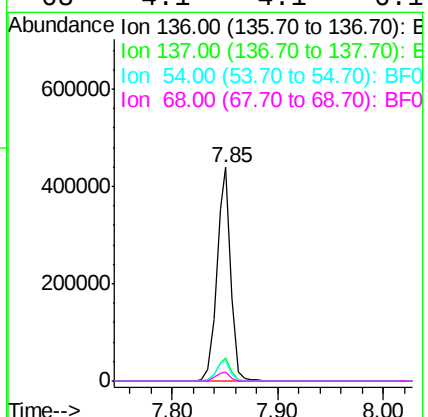
Ion Ratio Lower Upper

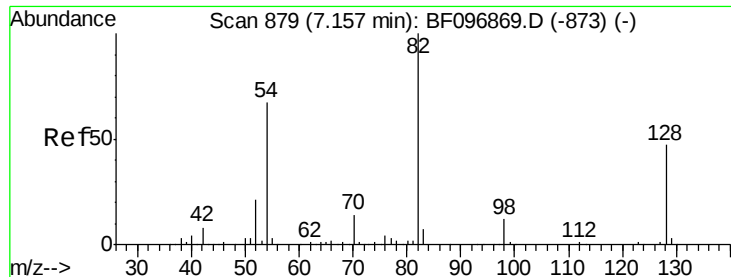
136 100

137 11.0 8.5 12.7

54 9.7 4.9 7.3#

68 4.1 4.1 6.1

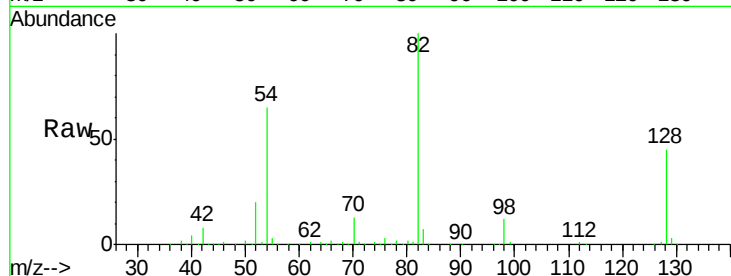




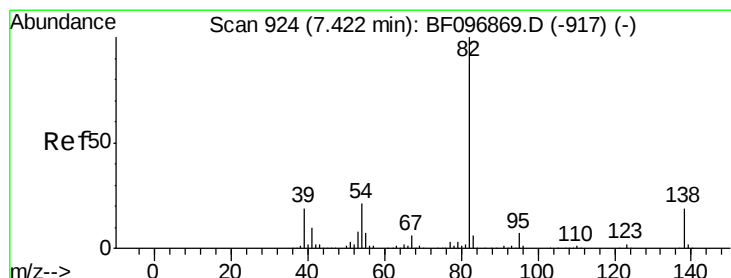
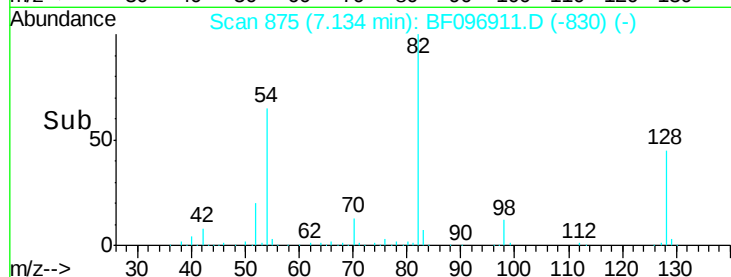
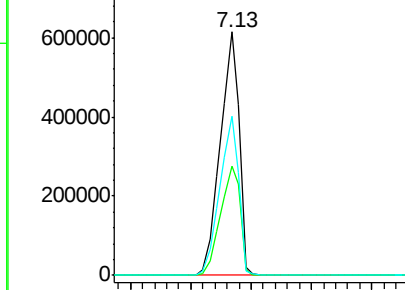
#23
Nitrobenzene-d5
Concen: 101.31 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.04 min
Lab File: BF096911.D
Acq: 20 Jul 2017 17:47

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-B

Tgt Ion: 82 Resp: 660519
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 65.2 42.2 63.2#

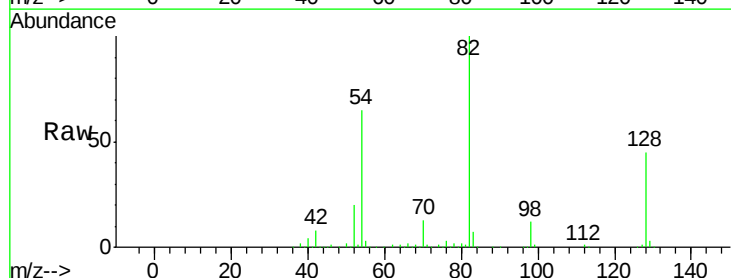


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

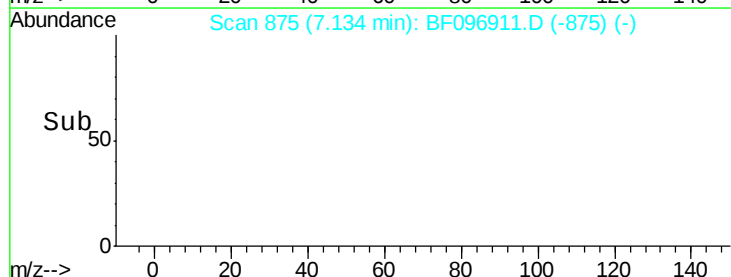
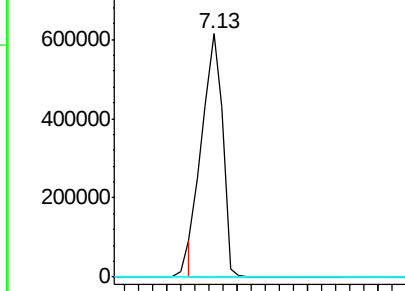


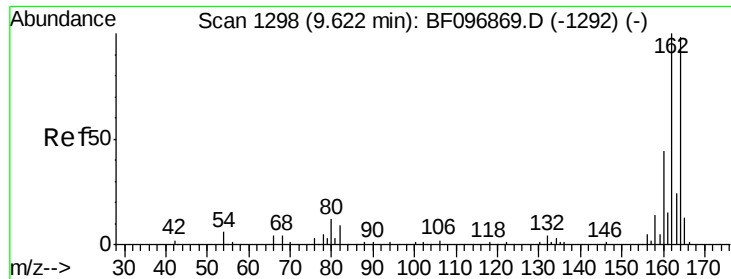
#25
Isophorone
Concen: 51.17 ng
RT: 7.13 min Scan# 875
Delta R.T. -0.30 min
Lab File: BF096911.D
Acq: 20 Jul 2017 17:47

Tgt Ion: 82 Resp: 620661
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

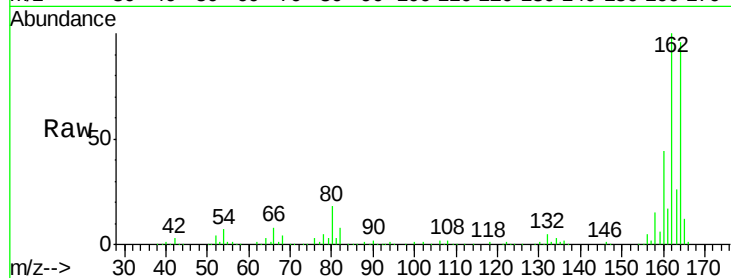




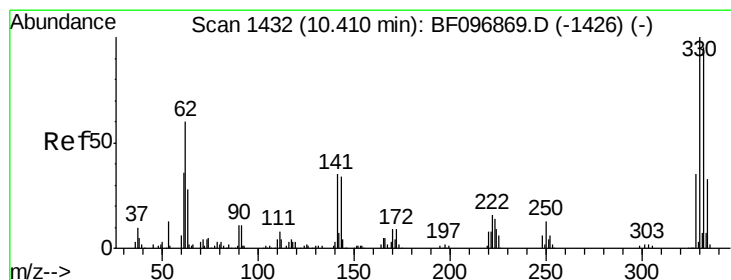
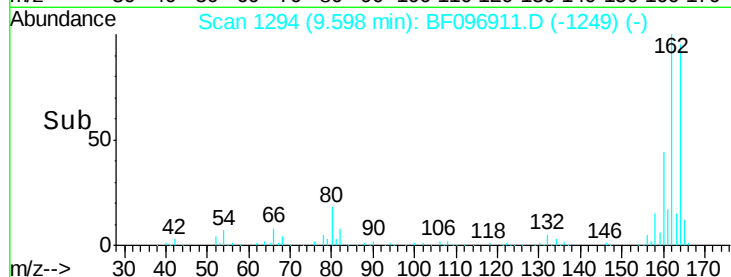
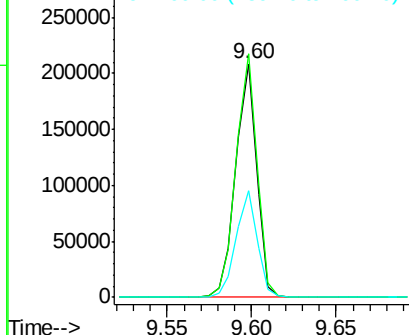
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-B

Tgt Ion:164 Resp: 180197
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.7 36.2 54.2

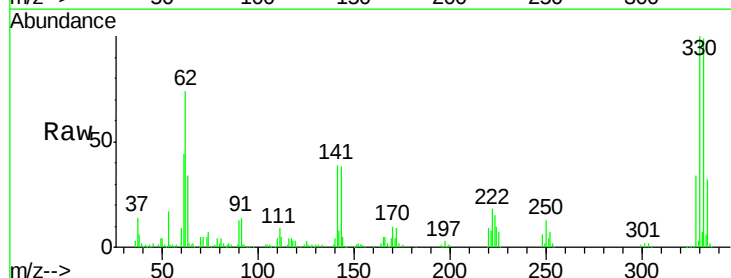


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

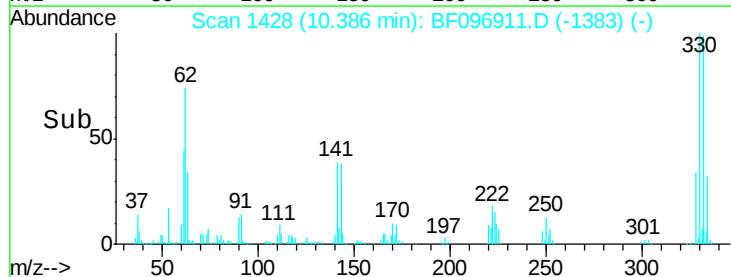
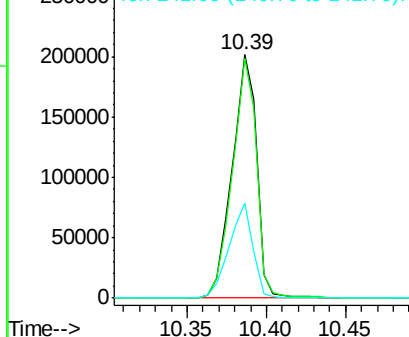


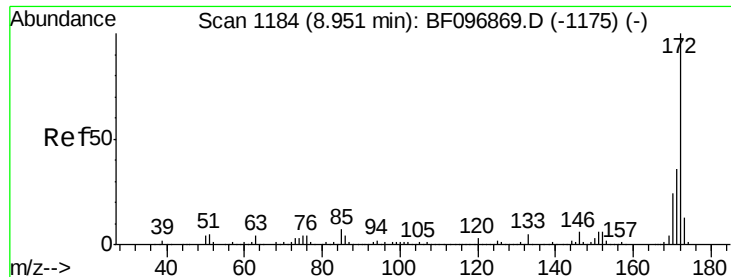
#41
 2,4,6-Tribromophenol
 Concen: 140.88 ng
 RT: 10.39 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Tgt Ion:330 Resp: 216690
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 38.3 31.4 47.2



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

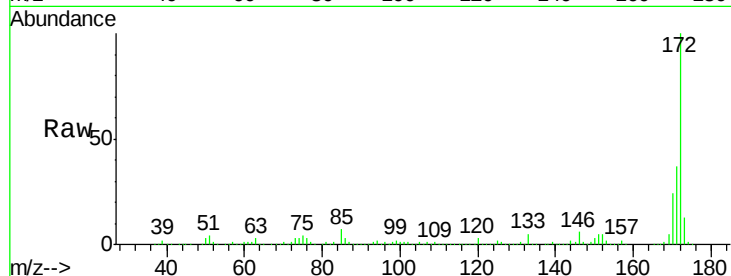




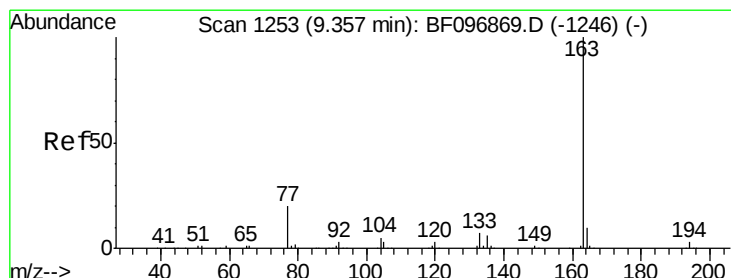
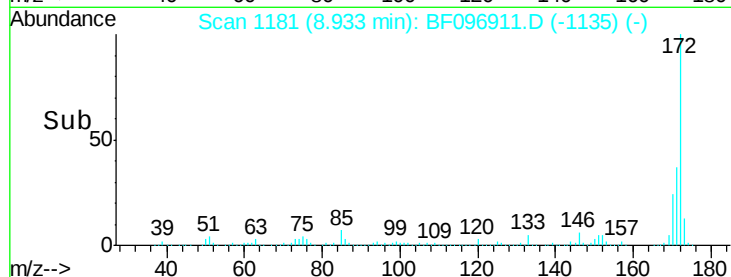
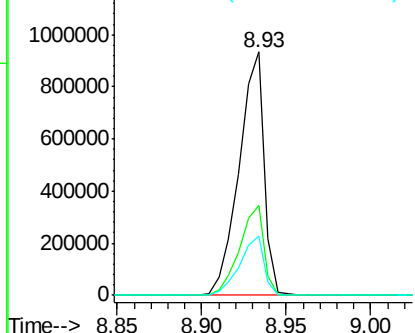
#44
2-Fluorobiphenyl
Concen: 84.73 ng
RT: 8.93 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF096911.D
Acq: 20 Jul 2017 17:47

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-B

Tgt Ion:172 Resp: 966386
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.1 19.8 29.8

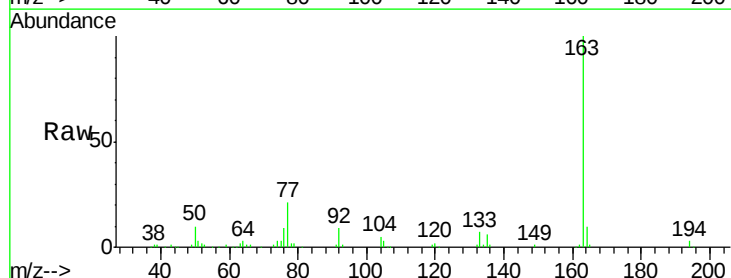


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

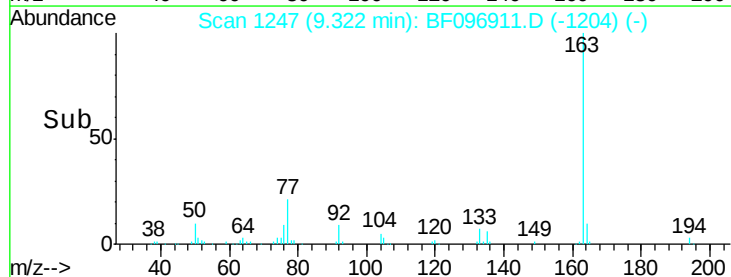
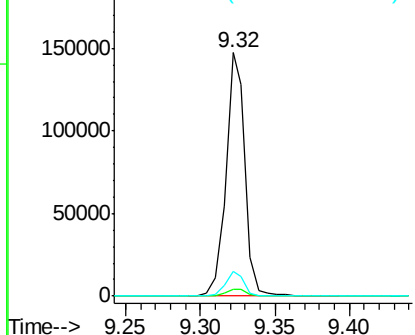


#49
Dimethylphthalate
Concen: 9.75 ng
RT: 9.32 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF096911.D
Acq: 20 Jul 2017 17:47

Tgt Ion:163 Resp: 132249
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6



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

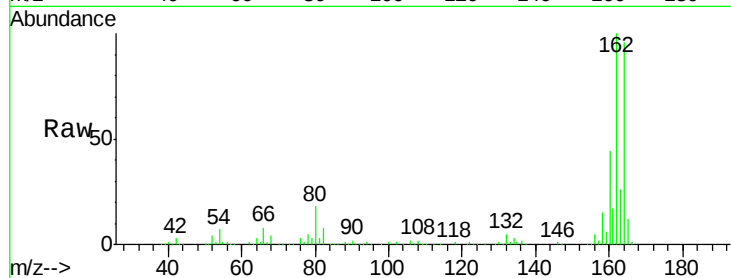




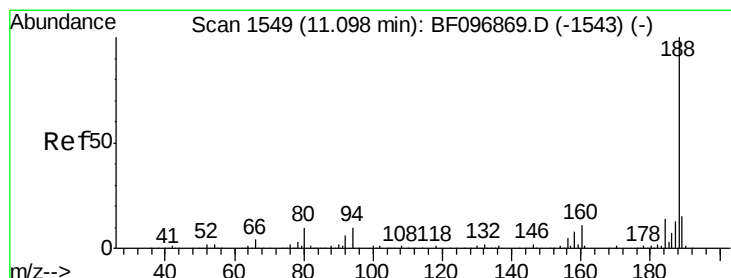
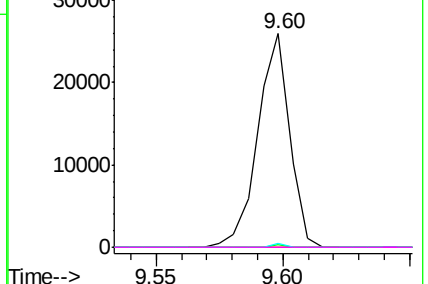
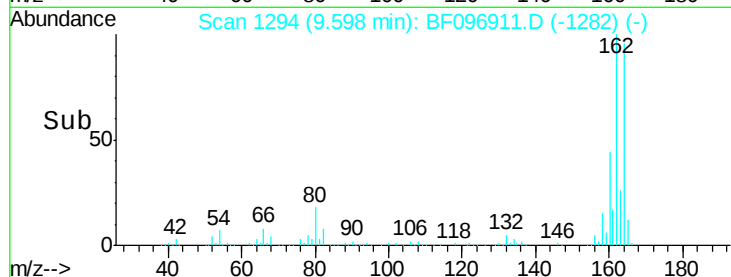
#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.60 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-B

Tgt Ion:165 Resp: 22832
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

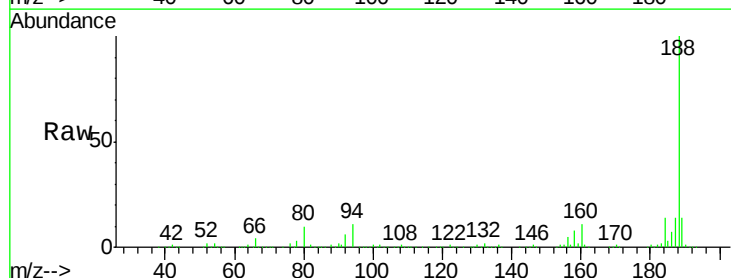


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

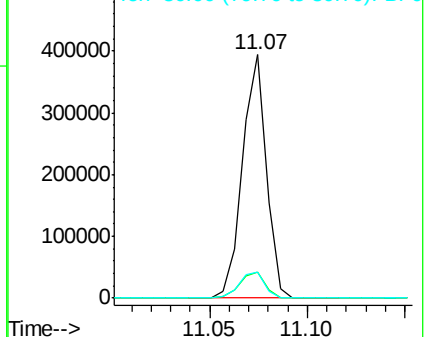
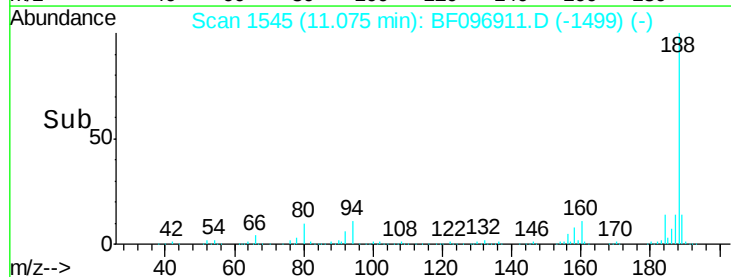


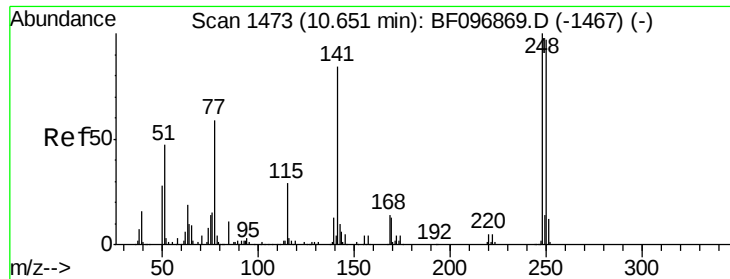
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 1545
 Delta R.T. -0.03 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Tgt Ion:188 Resp: 334501
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 10.4 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

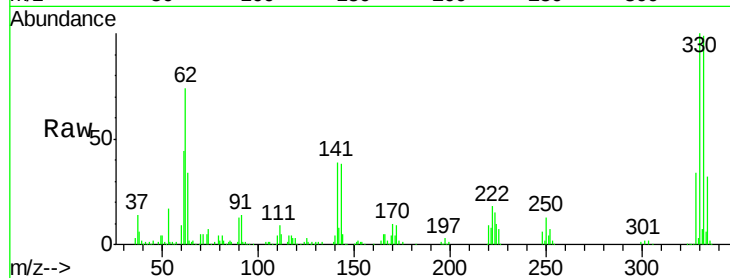




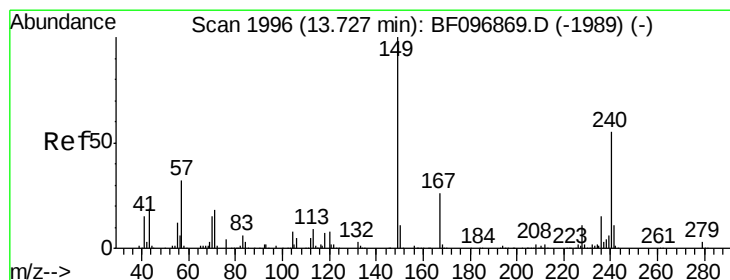
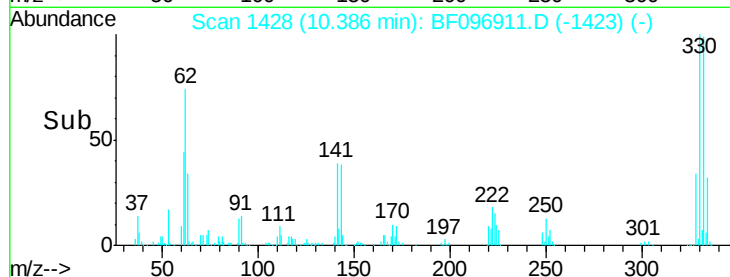
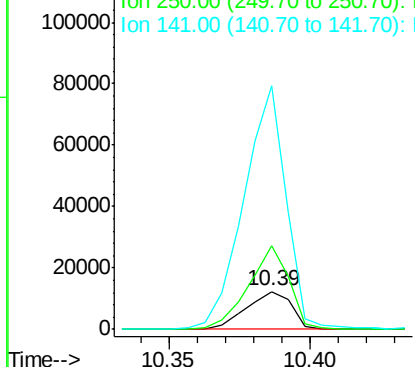
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.39 min Scan# 1428
Delta R.T. -0.27 min
Lab File: BF096911.D
Acq: 20 Jul 2017 17:47

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-007-B

Tgt Ion:248 Resp: 13496
Ion Ratio Lower Upper
248 100
250 221.1 76.8 115.2#
141 647.6 68.6 103.0#

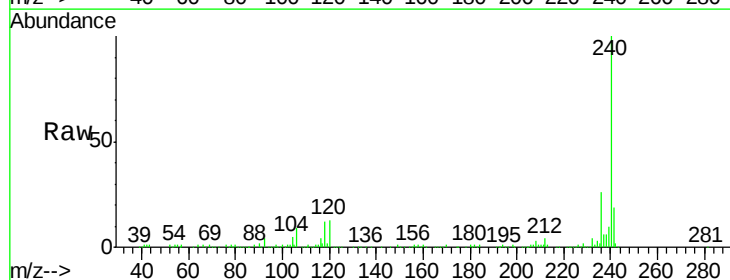


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

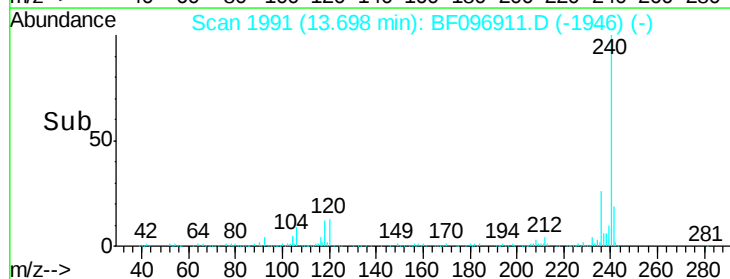
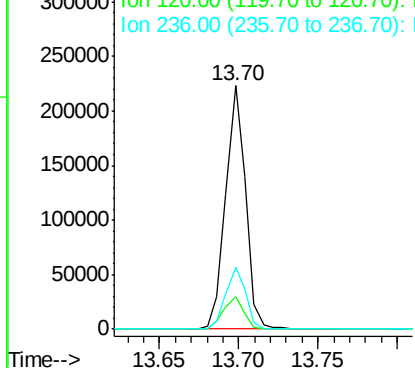


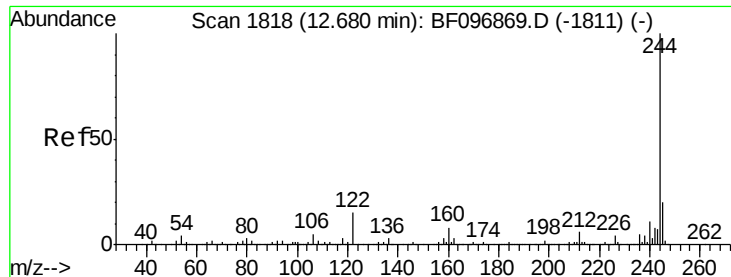
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096911.D
Acq: 20 Jul 2017 17:47

Tgt Ion:240 Resp: 194112
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 25.6 20.5 30.7



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

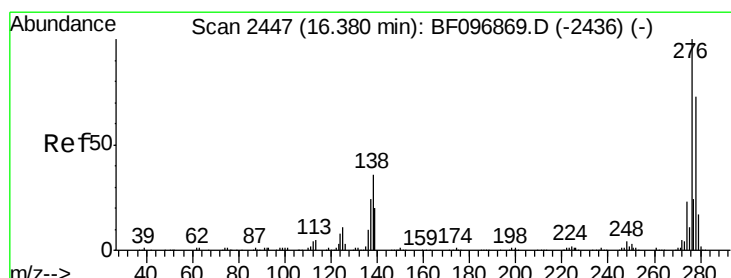
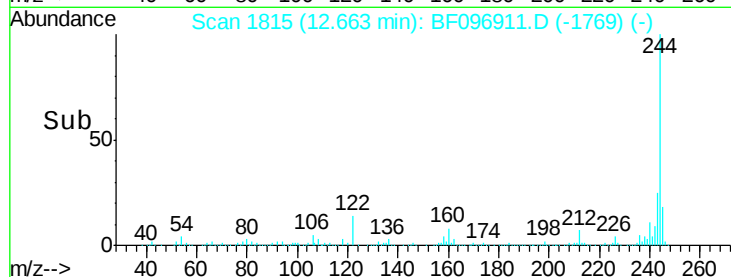
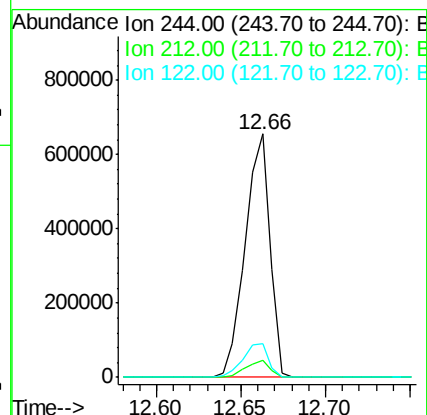
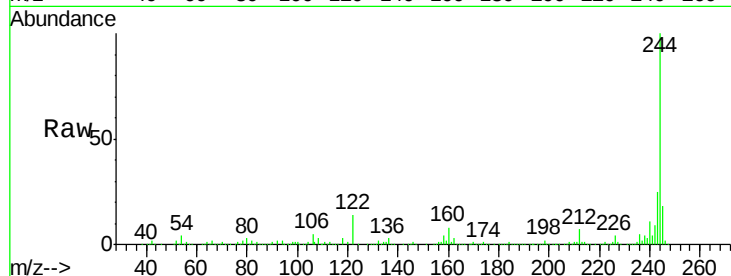




#78
 Terphenyl-d14
 Concen: 60.20 ng
 RT: 12.66 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

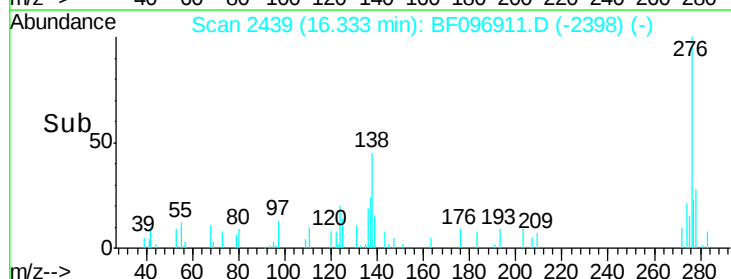
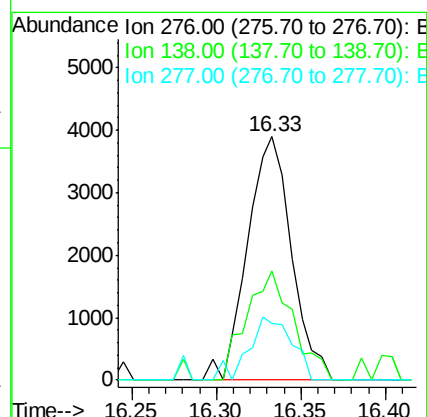
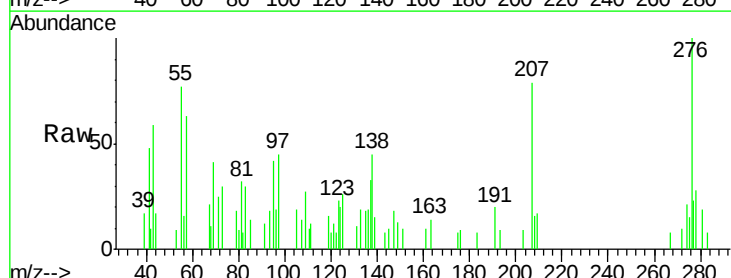
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-007-B

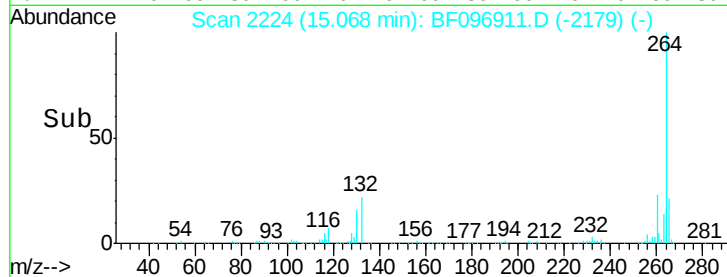
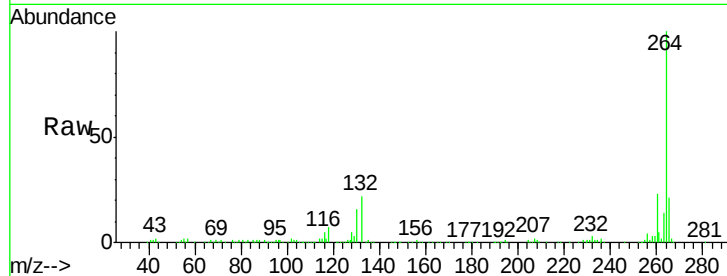
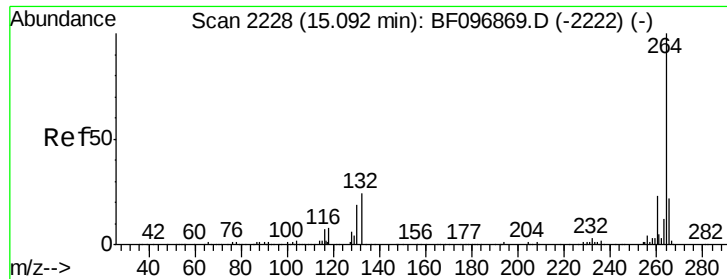
Tgt Ion:244 Resp: 673828
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.1 10.3 15.5



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.95 ng
 RT: 16.33 min Scan# 2439
 Delta R.T. -0.06 min
 Lab File: BF096911.D
 Acq: 20 Jul 2017 17:47

Tgt Ion:276 Resp: 7064
 Ion Ratio Lower Upper
 276 100
 138 47.7 27.8 41.6#
 277 25.4 20.2 30.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 2224

Delta R.T. -0.04 min

Lab File: BF096911.D

Acq: 20 Jul 2017 17:47

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-007-B

Tgt Ion: 264 Resp: 175227

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.6 17.2 25.8

