

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
 Data File : BF092446.D
 Acq On : 24 Jan 2017 23:13
 Operator : UM/SJ
 Sample : I1382-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-C

Quant Time: Jan 24 23:55:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

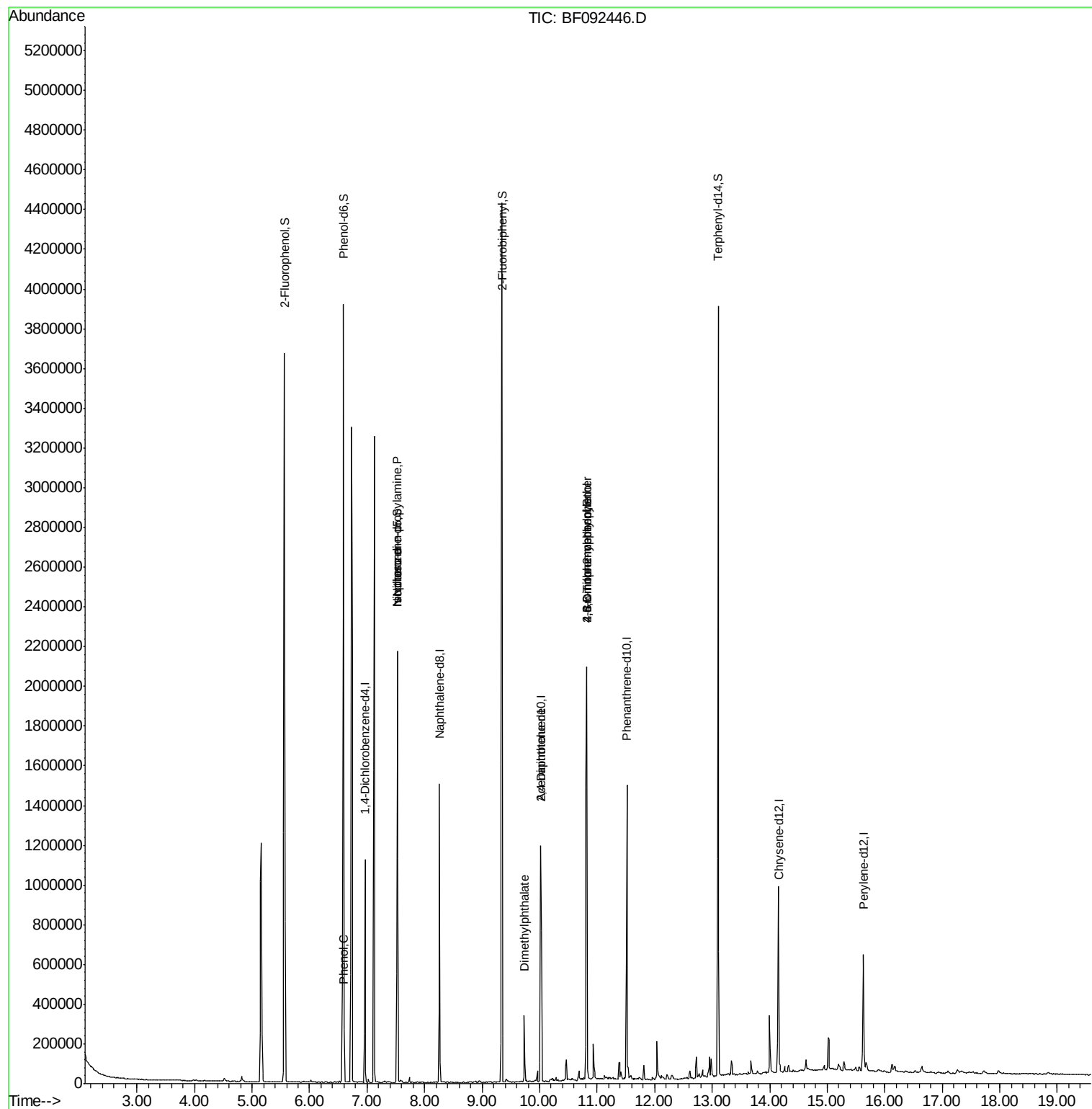
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159030	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	645394	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	331771	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	569399	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	406391	20.00	ng	-0.01
86) Perylene-d12	15.63	264	313621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1092084	106.84	ng	0.01
7) Phenol-d6	6.59	99	1575943	121.04	ng	0.00
23) Nitrobenzene-d5	7.53	82	887073	75.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	293975	130.03	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1460510	81.40	ng	-0.01
78) Terphenyl-d14	13.10	244	1243179	81.46	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	79007	5.03	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	114407	12.90	ng	# 87
25) Isophorone	7.53	82	763566	32.80	ng	# 65
49) Dimethylphthalate	9.73	163	133346	6.32	ng	# 98
56) 2,4-Dinitrotoluene	10.02	165	41550	7.26	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	874	5.21	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	23241	4.04	ng	# 1

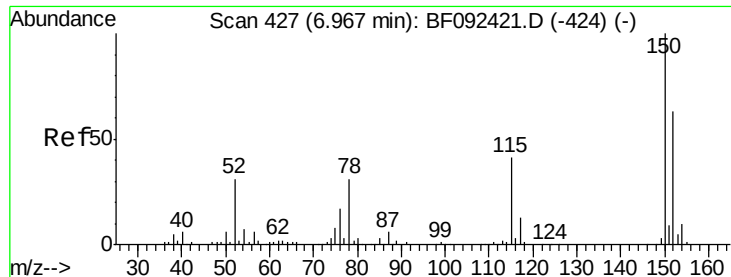
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-C

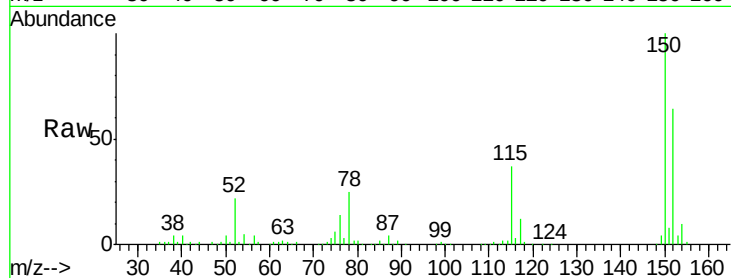
Tgt Ion:152 Resp: 159030

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

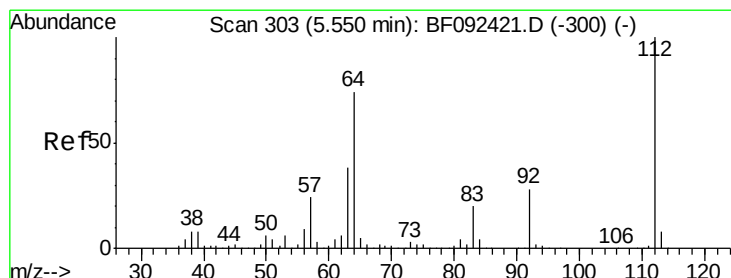
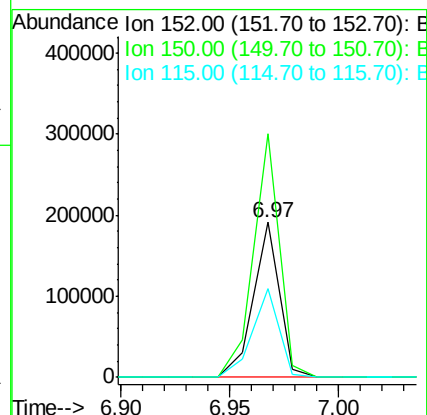
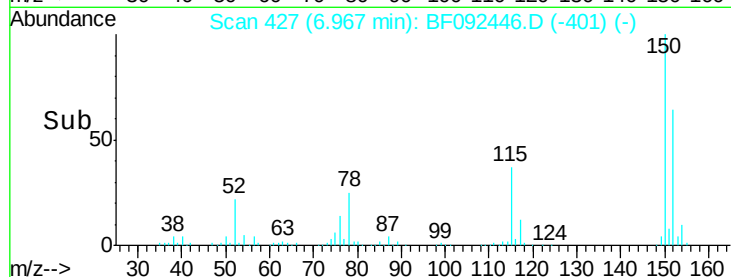
115 57.5 46.0 69.0



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: 106.84 ng

RT: 5.56 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

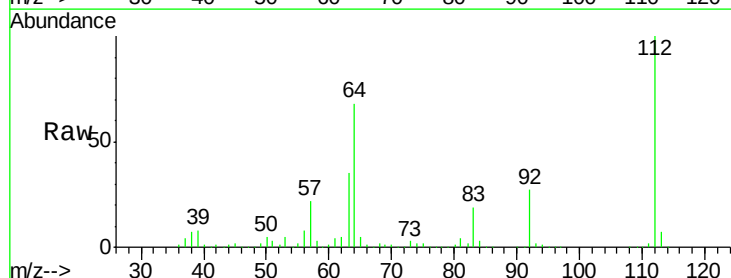
Tgt Ion:112 Resp: 1092084

Ion Ratio Lower Upper

112 100

64 68.3 46.1 69.1

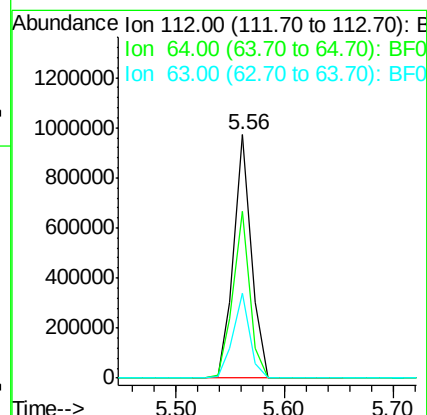
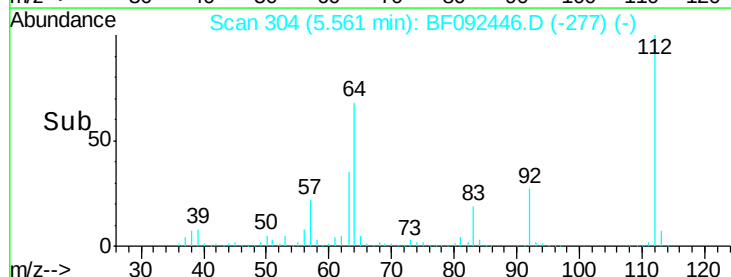
63 35.1 23.8 35.6

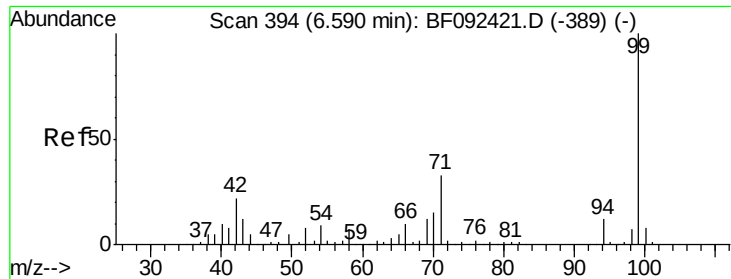


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.04 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-C

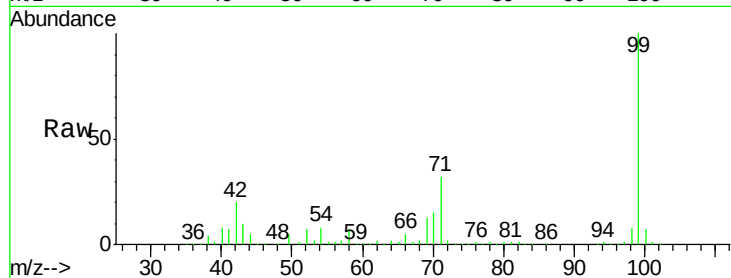
Tgt Ion: 99 Resp: 1575943

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

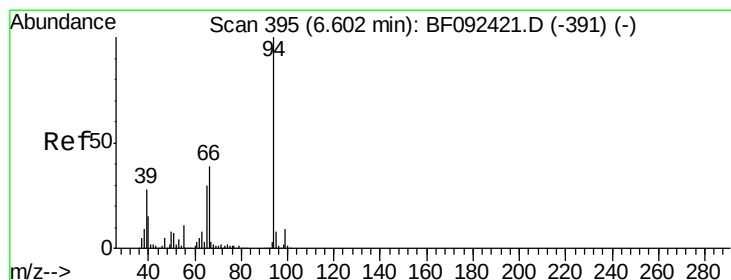
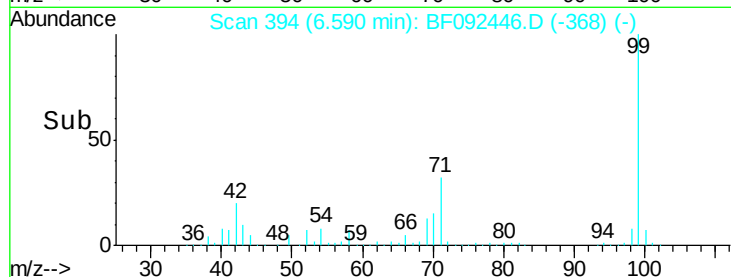
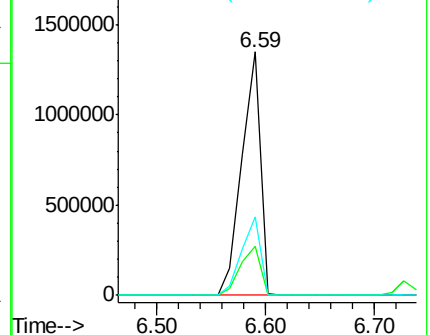
71 32.4 27.5 41.3



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: 5.03 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

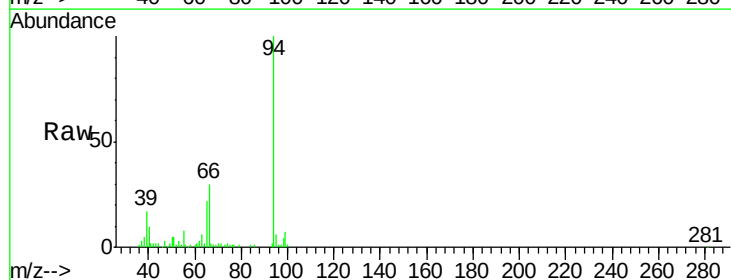
Tgt Ion: 94 Resp: 79007

Ion Ratio Lower Upper

94 100

65 22.3 21.4 61.4

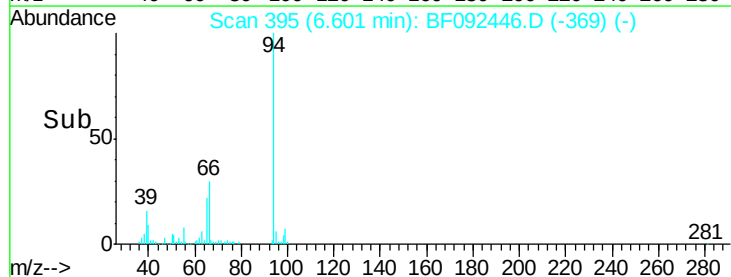
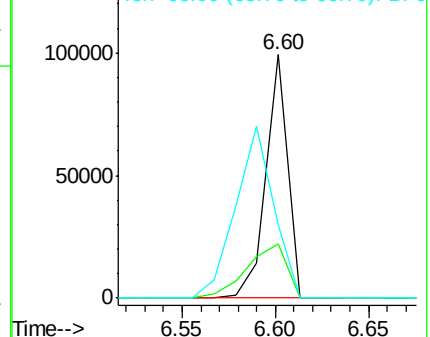
66 30.2 44.0 84.0#

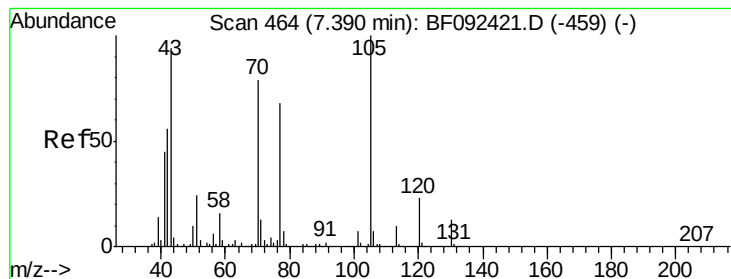


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.90 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-C

Tgt Ion: 70 Resp: 114407

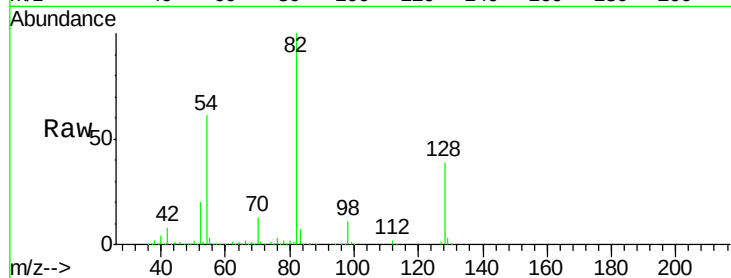
Ion Ratio Lower Upper

70 100

42 58.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#



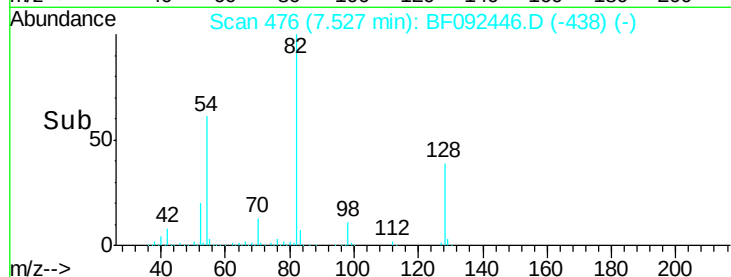
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

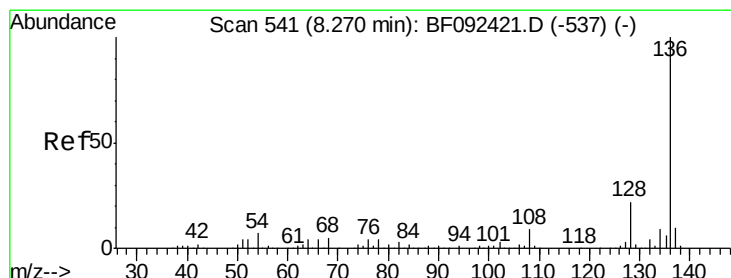
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Tgt Ion: 136 Resp: 645394

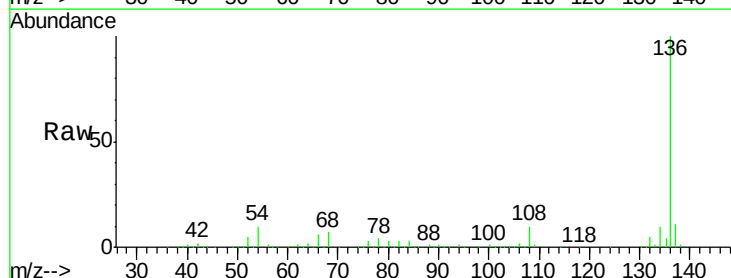
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.5 4.5 6.7#

68 7.3 3.6 5.4#



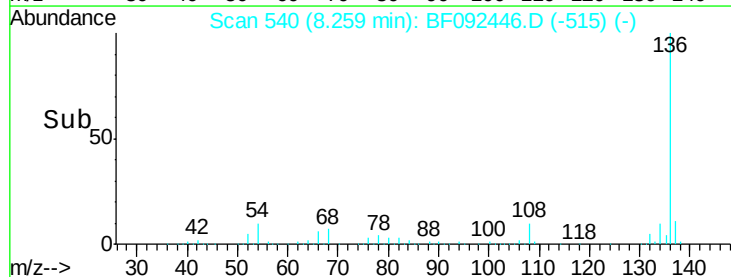
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

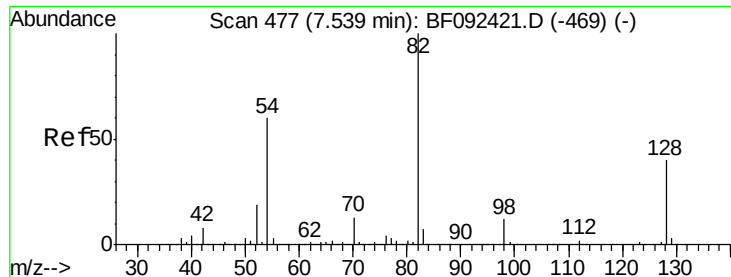
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



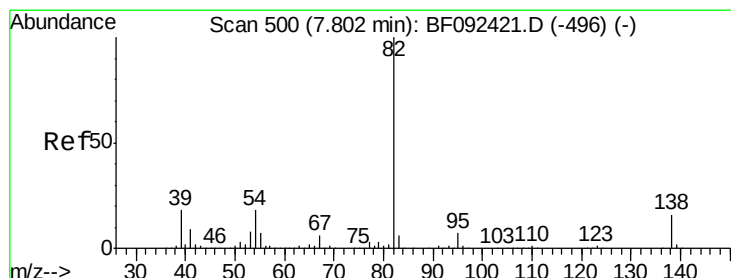
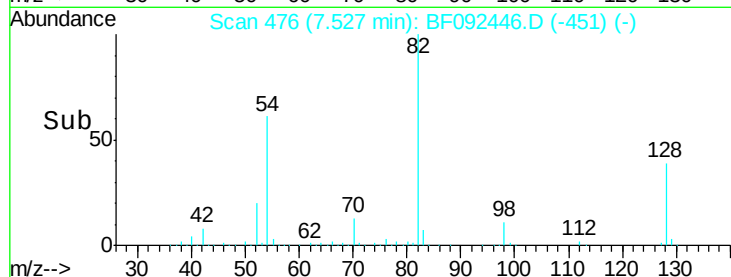
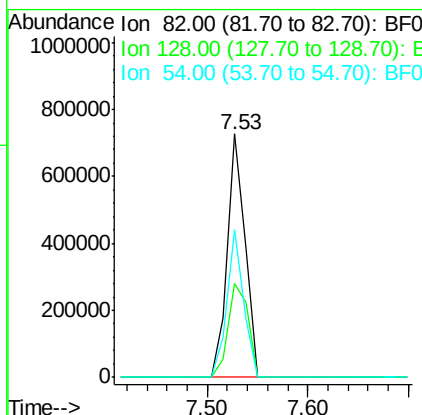
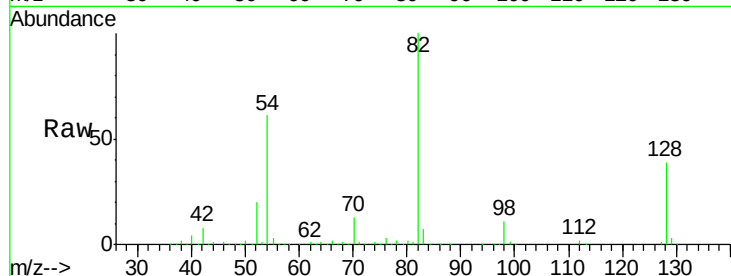
Time-->



#23
 Nitrobenzene-d5
 Concen: 75.08 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092446.D
 Acq: 24 Jan 2017 23:13

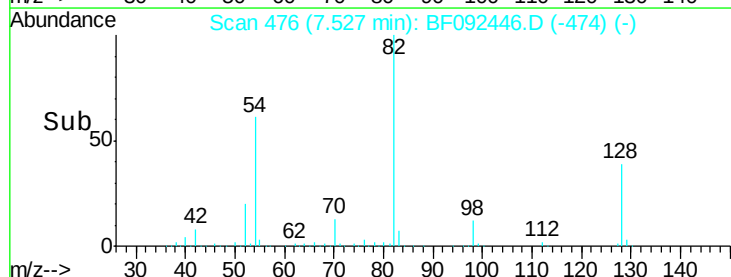
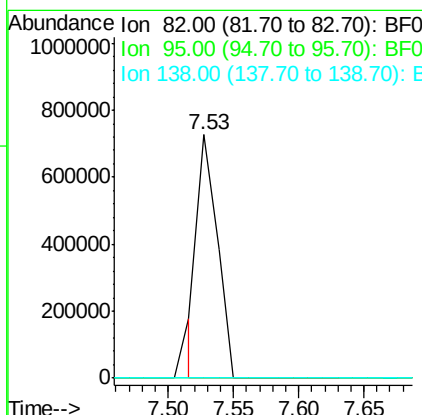
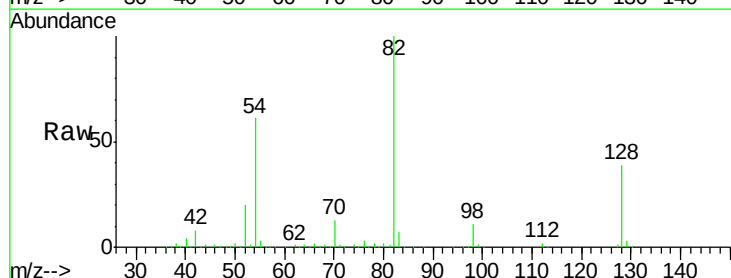
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-C

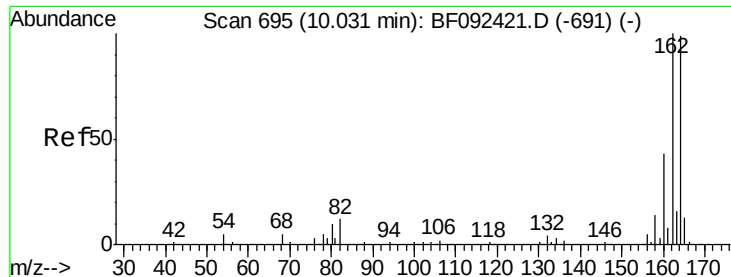
Tgt Ion: 82 Resp: 887073
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 52.0
 54 60.6 39.5 59.3#



#25
 Isophorone
 Concen: 32.80 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.27 min
 Lab File: BF092446.D
 Acq: 24 Jan 2017 23:13

Tgt Ion: 82 Resp: 763566
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-C

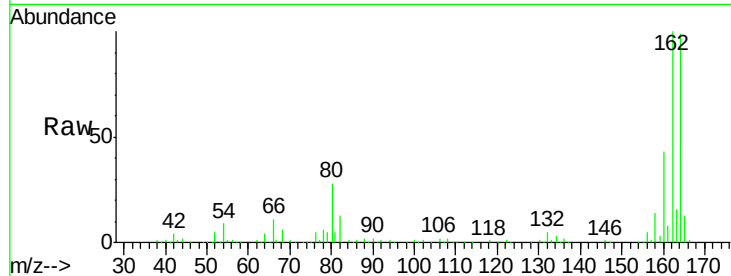
Tgt Ion:164 Resp: 331771

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

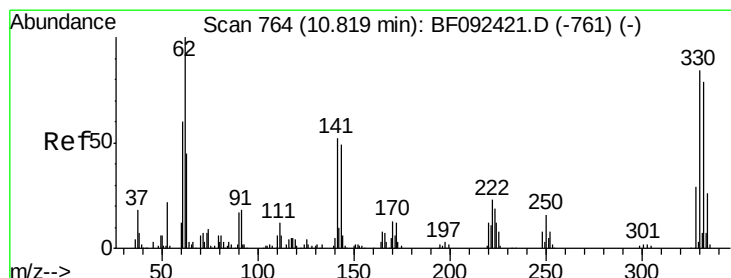
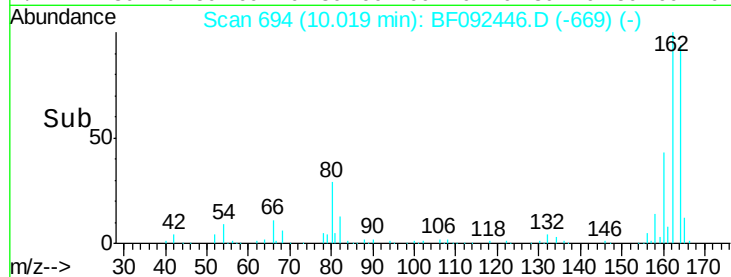
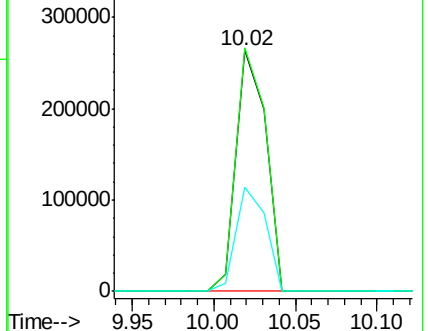
160 43.0 36.9 55.3



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: 130.03 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

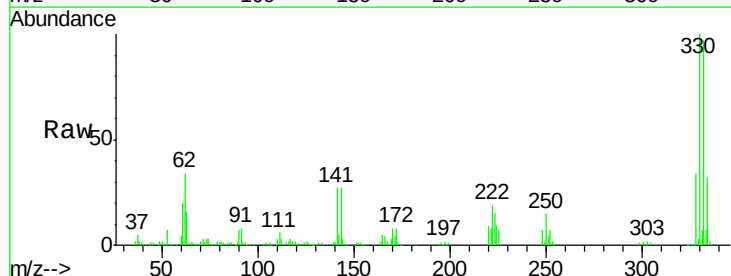
Tgt Ion:330 Resp: 293975

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

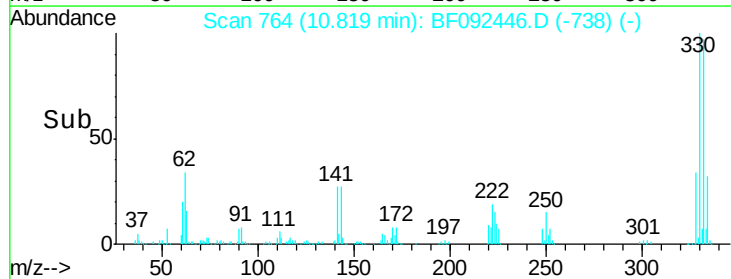
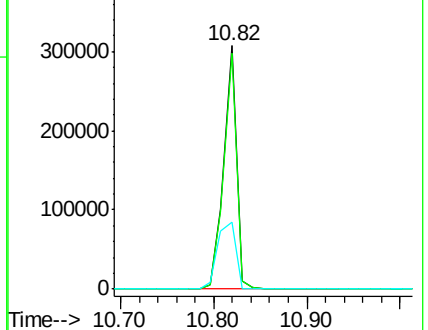
141 39.3 34.1 51.1

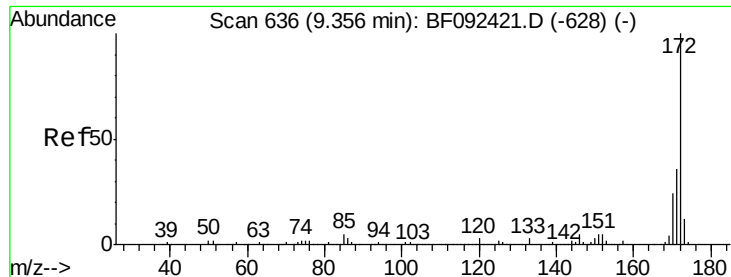


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 81.40 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

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ClientSampleId :

FK-GF-01-001-C

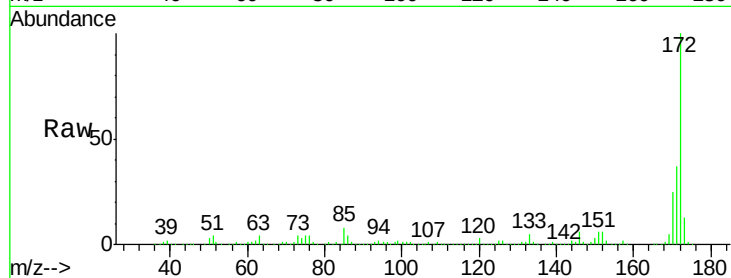
Tgt Ion:172 Resp: 1460510

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

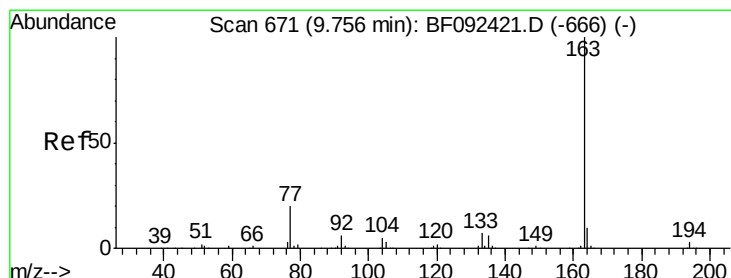
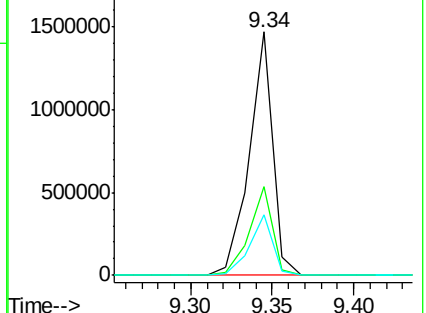
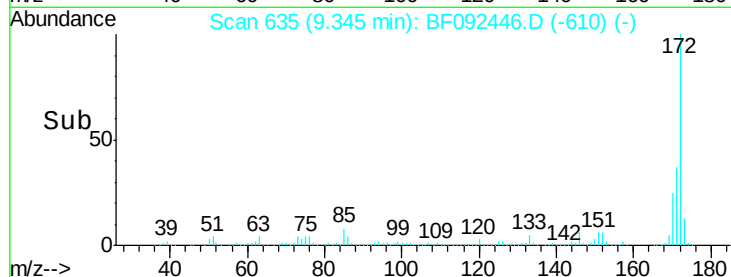
170 24.6 20.2 30.4



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: 6.32 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

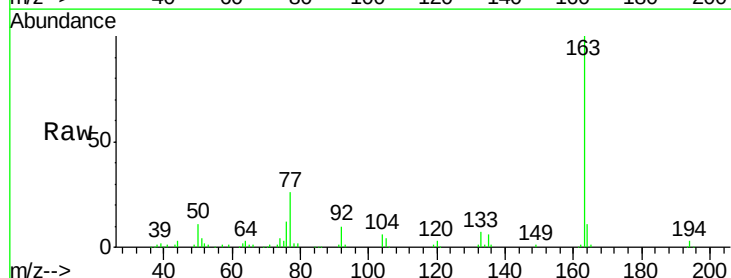
Tgt Ion:163 Resp: 133346

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4#

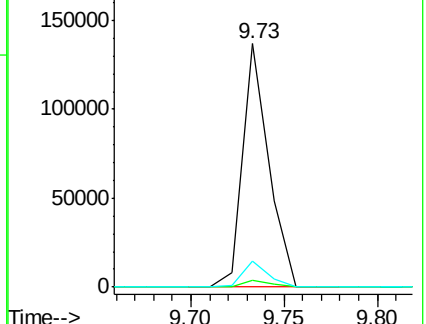
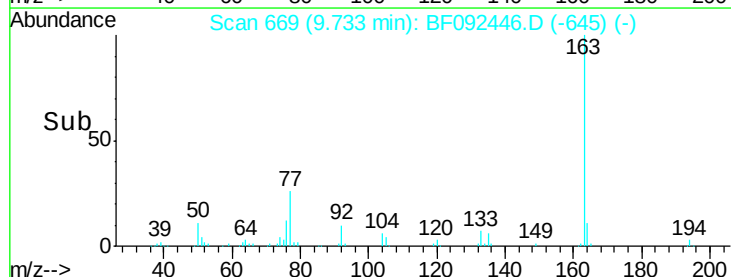
164 10.8 8.0 12.0

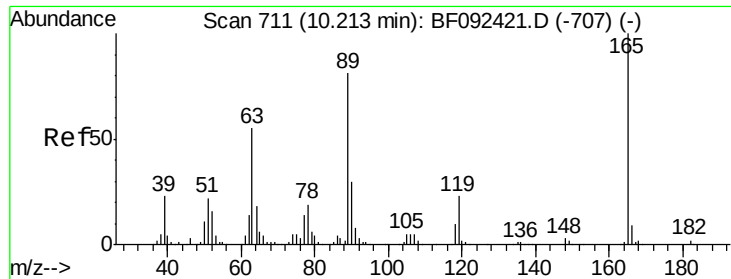


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

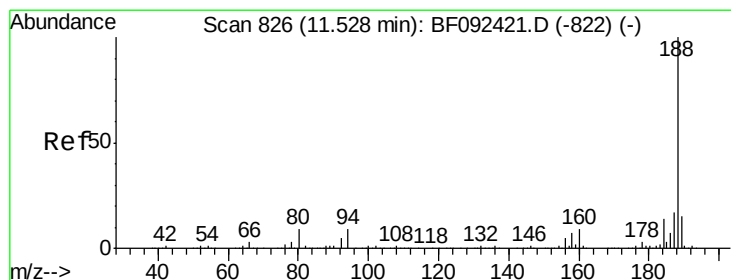
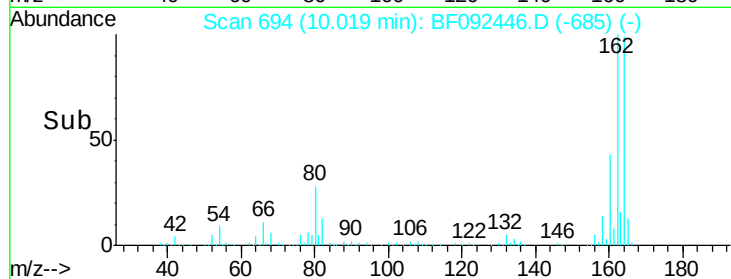
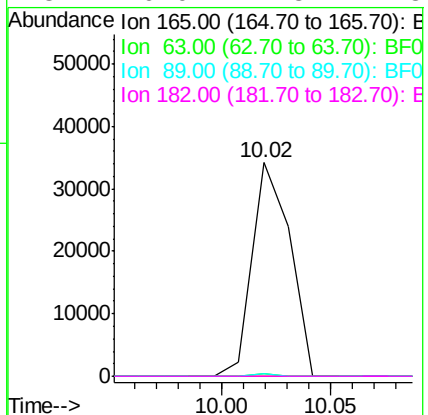
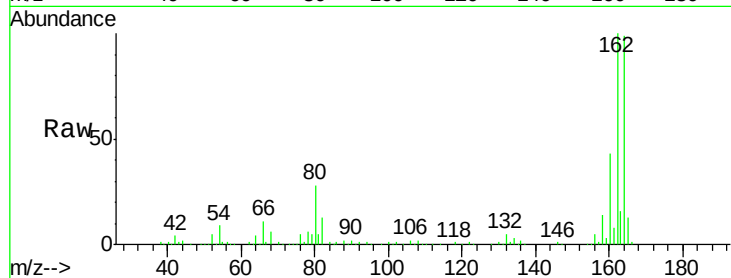




#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092446.D
Acq: 24 Jan 2017 23:13

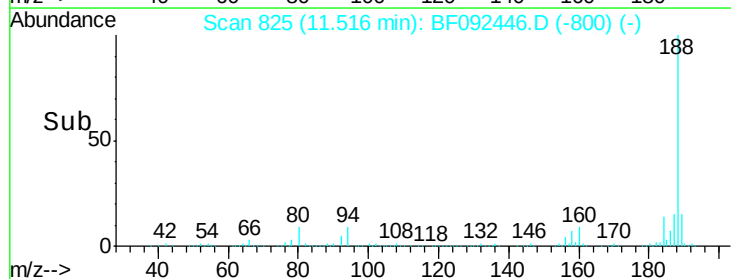
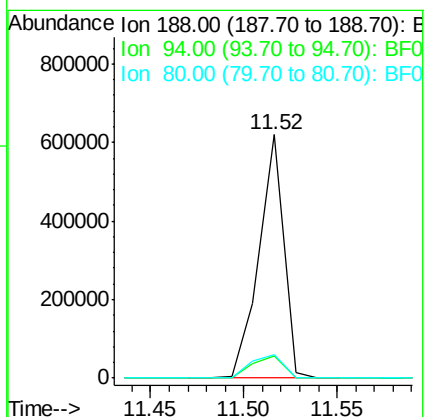
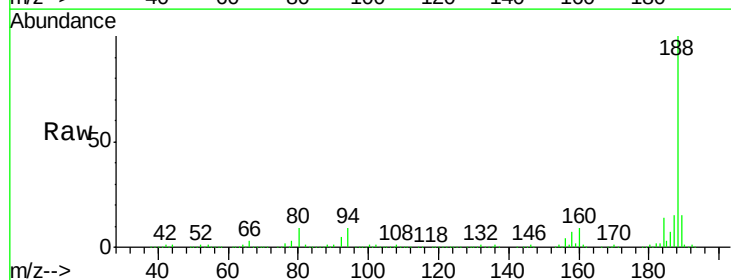
Instrument :
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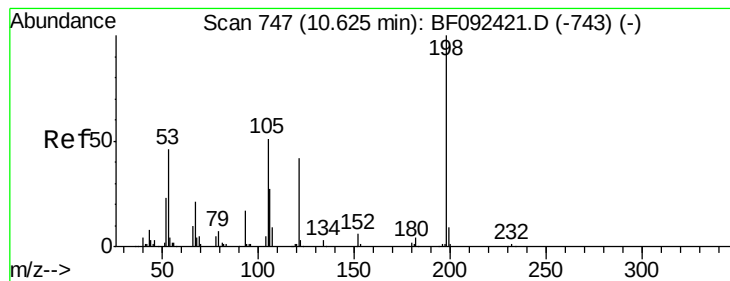
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092446.D
Acq: 24 Jan 2017 23:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.4	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.21 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.19 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-C

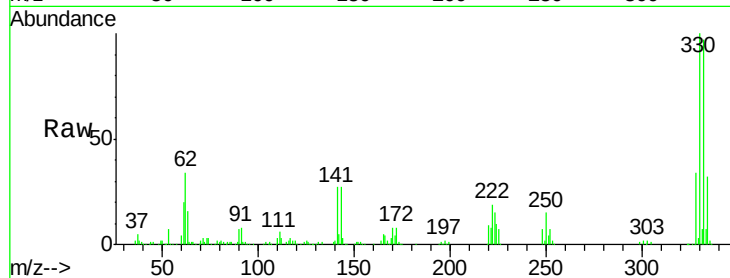
Tgt Ion:198 Resp: 874

Ion Ratio Lower Upper

198 100

51 158.4 6.7 46.7#

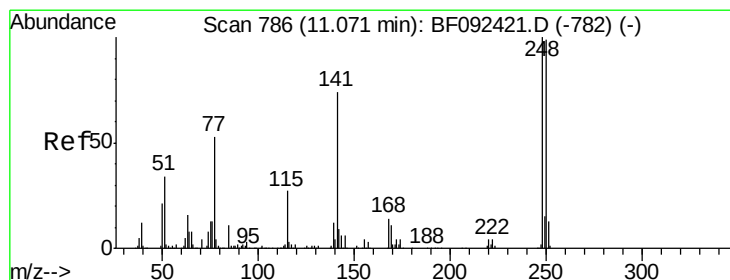
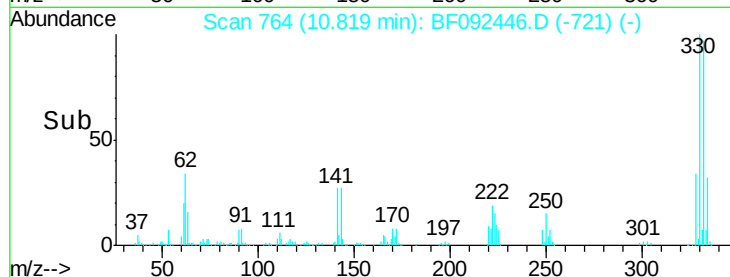
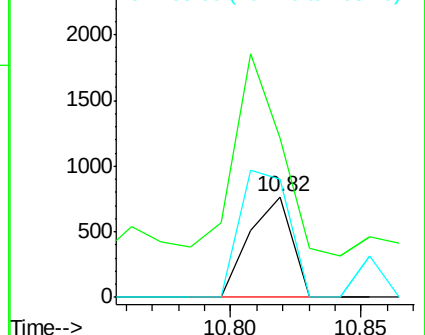
105 117.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.04 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

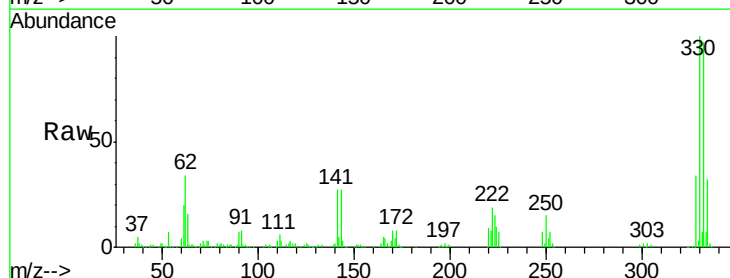
Tgt Ion:248 Resp: 23241

Ion Ratio Lower Upper

248 100

250 197.2 76.9 115.3#

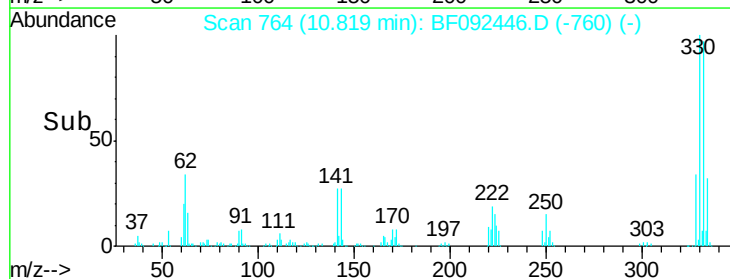
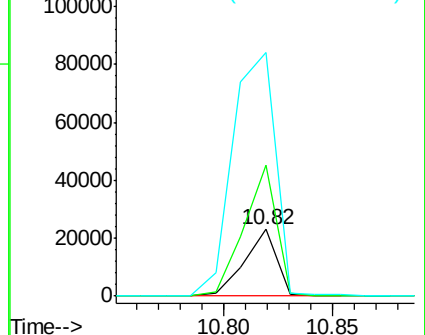
141 367.0 68.2 102.4#

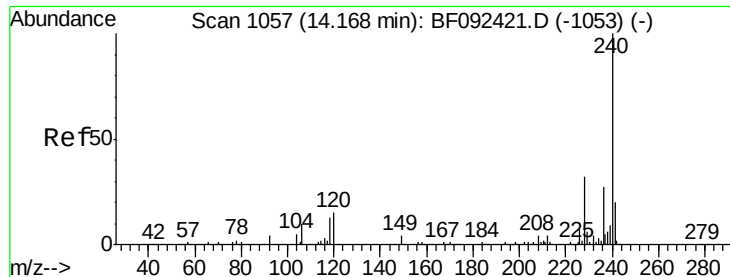


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-C

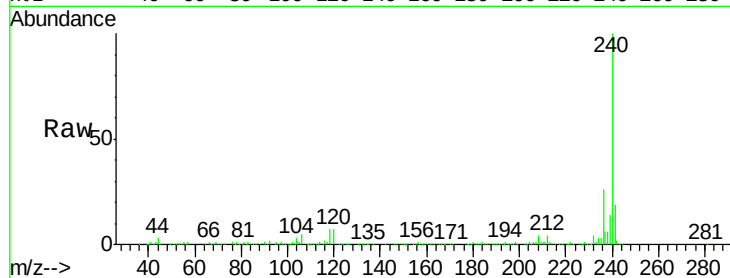
Tgt Ion:240 Resp: 406391

Ion Ratio Lower Upper

240 100

120 7.4 12.9 19.3#

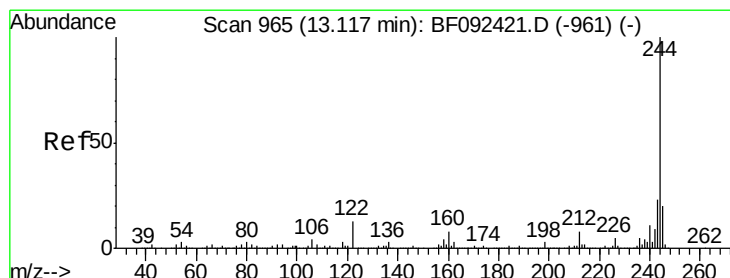
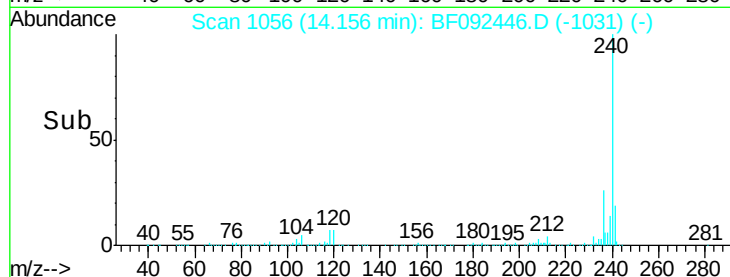
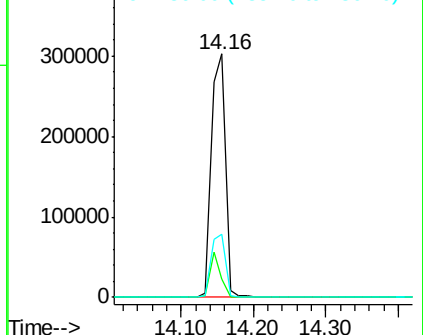
236 25.8 20.9 31.3



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: 81.46 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092446.D

Acq: 24 Jan 2017 23:13

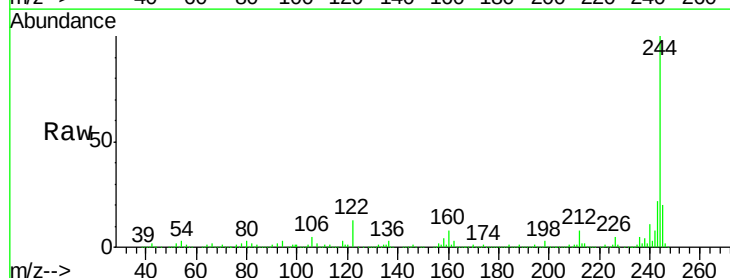
Tgt Ion:244 Resp: 1243179

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

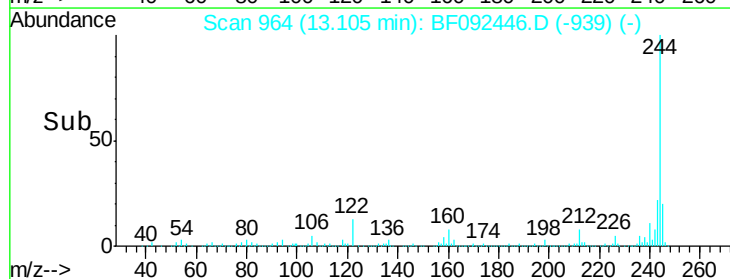
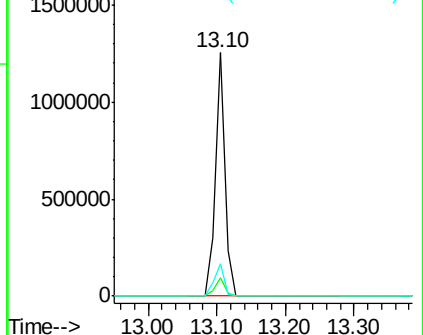
122 13.4 11.4 17.2

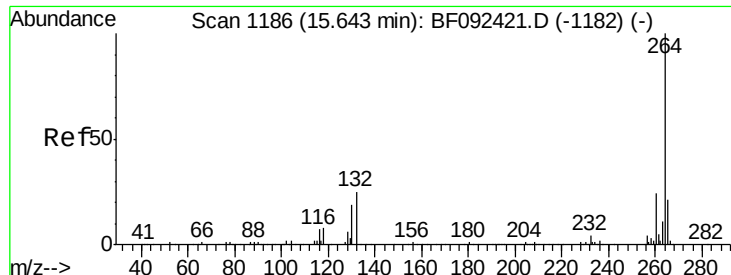


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092446.D
Acq: 24 Jan 2017 23:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-C

Tgt Ion: 264 Resp: 313621
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.1 17.4 26.0

