

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092409.D
 Acq On : 21 Jan 2017 13:28
 Operator : UM/SJ
 Sample : I1326-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-B

Quant Time: Jan 23 00:40:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

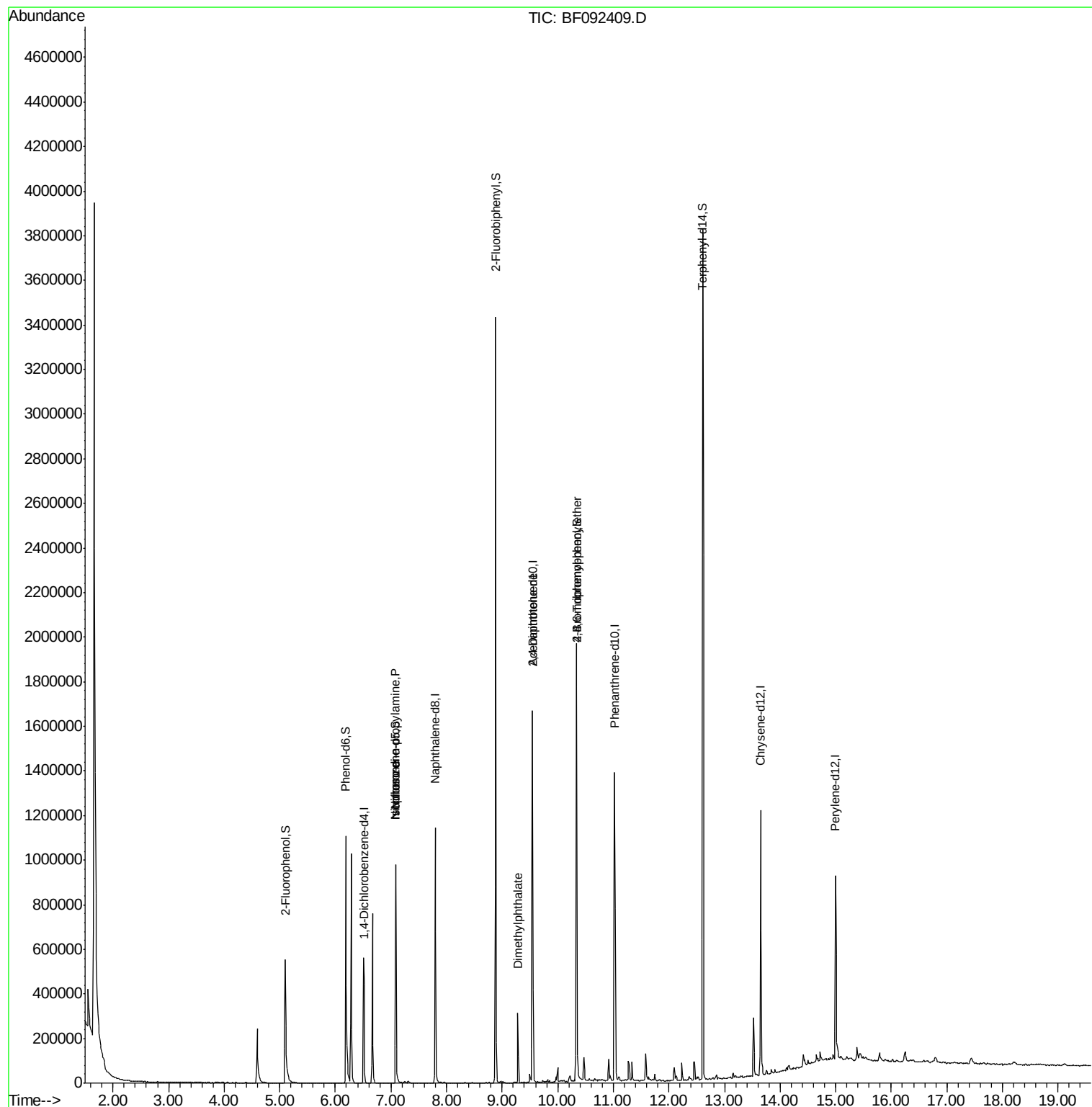
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	122197	20.00	ng	-0.13
21) Naphthalene-d8	7.80	136	676618	20.00	ng	-0.14
38) Acenaphthene-d10	9.54	164	368472	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	624291	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	482305	20.00	ng	-0.14
86) Perylene-d12	15.00	264	382105	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	259643	35.48	ng	-0.14
7) Phenol-d6	6.18	99	470188	52.62	ng	-0.13
23) Nitrobenzene-d5	7.09	82	351095	28.85	ng	-0.13
41) 2,4,6-Tribromophenol	10.34	330	374077	122.67	ng	-0.13
44) 2-Fluorobiphenyl	8.88	172	1069602	54.91	ng	-0.13
78) Terphenyl-d14	12.61	244	1586083	79.76	ng	-0.14
Target Compounds						
9) Benzaldehyde	6.18	77	705	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.09	70	43231	7.27 ng	#	76
25) Isophorone	7.09	82	310981	13.85 ng	#	65
49) Dimethylphthalate	9.28	163	142189	6.03 ng	#	98
56) 2,4-Dinitrotoluene	9.54	165	47745	7.37 ng	#	20
66) 4-Bromophenyl-phenylether	10.34	248	22585	3.48 ng	#	1
71) Anthracene	11.10	178	6727	Below Cal	#	96
73) Di-n-butylphthalate	11.60	149	3279	Below Cal	#	91
74) Fluoranthene	12.23	202	33809	Below Cal	#	96
76) Benzydine	12.61	184	20799	Below Cal	#	97

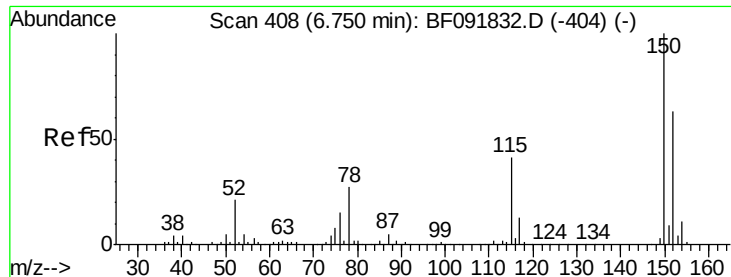
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 440

Delta R.T. -0.13 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

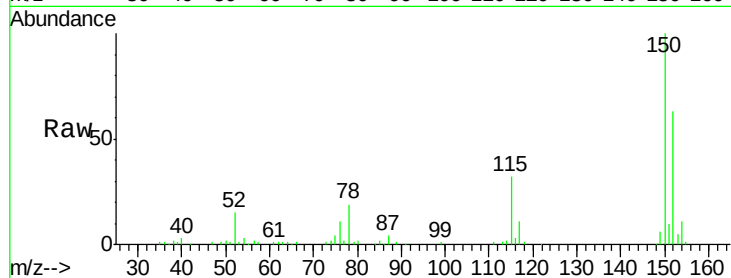
Tgt Ion:152 Resp: 122197

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

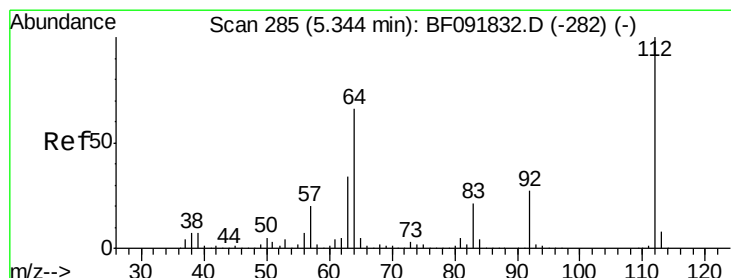
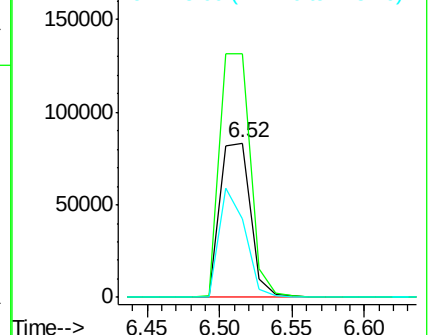
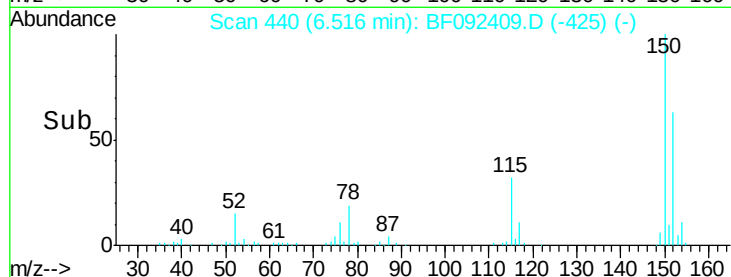
115 51.1 46.0 69.0



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: 35.48 ng

RT: 5.10 min Scan# 316

Delta R.T. -0.14 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

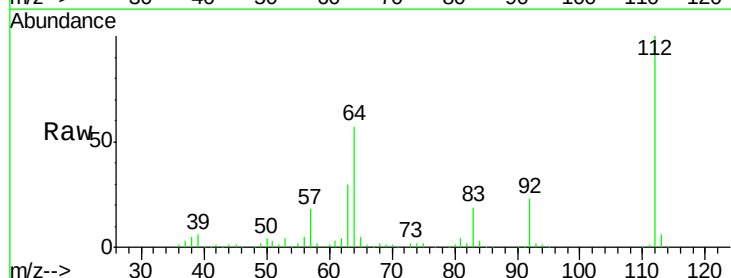
Tgt Ion:112 Resp: 259643

Ion Ratio Lower Upper

112 100

64 57.4 46.1 69.1

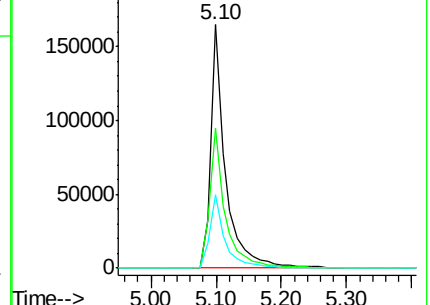
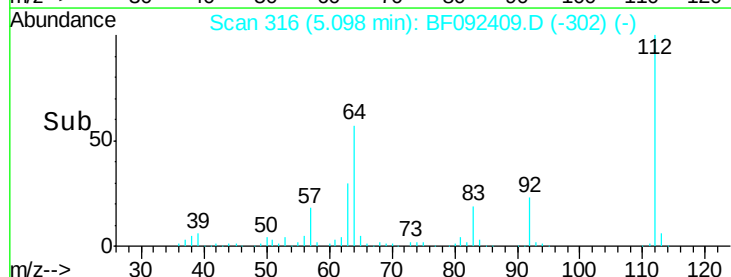
63 30.3 23.8 35.6

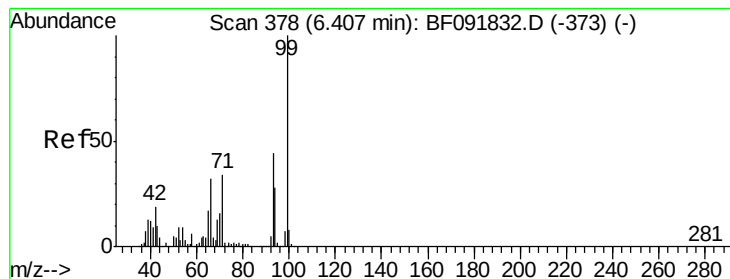


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.62 ng

RT: 6.18 min Scan# 411

Delta R.T. -0.13 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

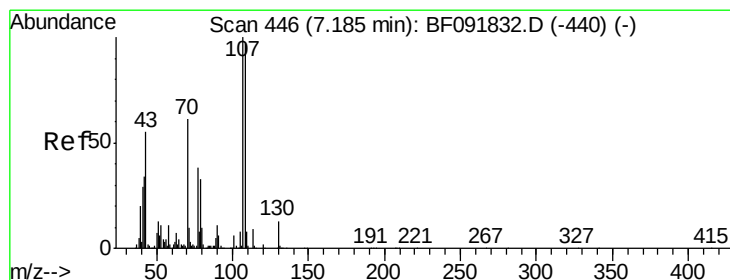
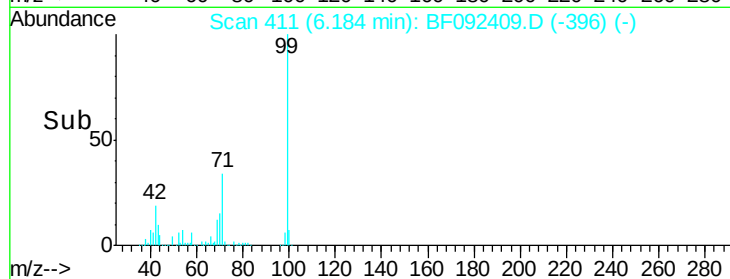
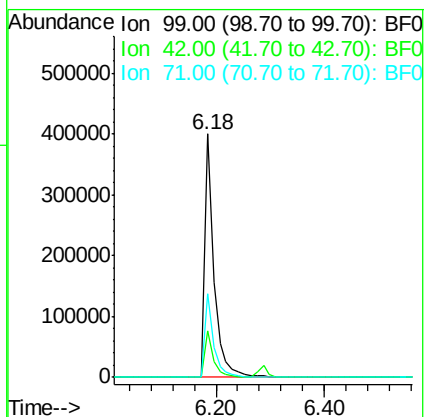
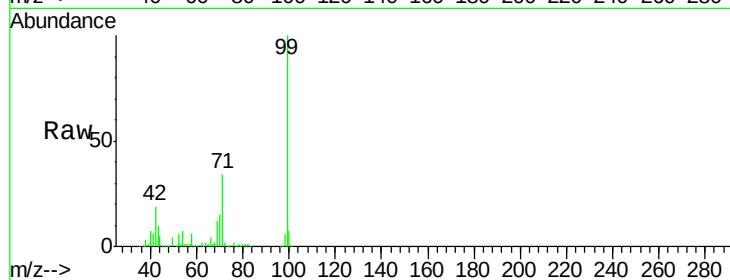
Tgt Ion: 99 Resp: 470188

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 34.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 7.27 ng

RT: 7.09 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Tgt Ion: 70 Resp: 43231

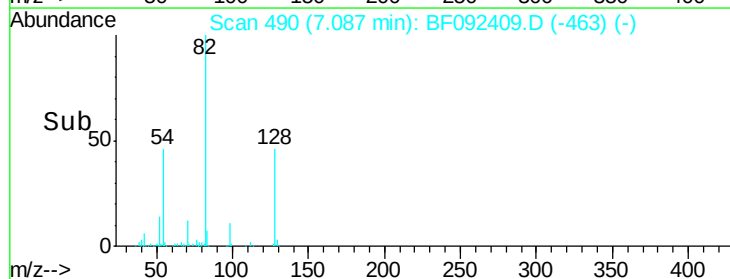
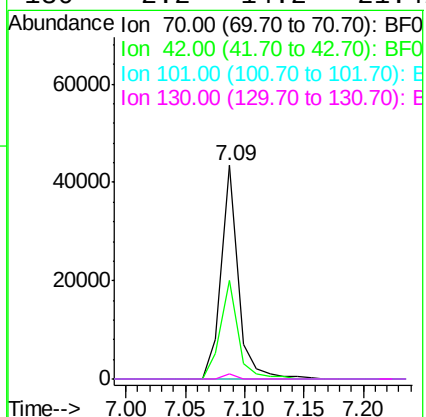
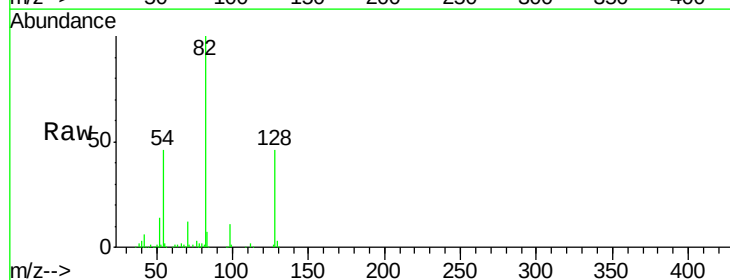
Ion Ratio Lower Upper

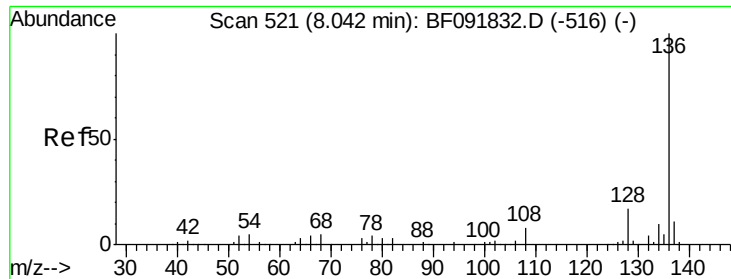
70 100

42 46.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

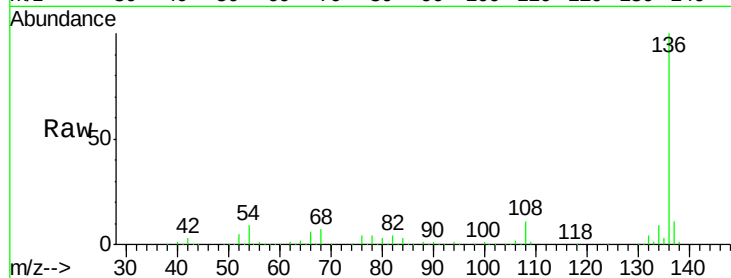




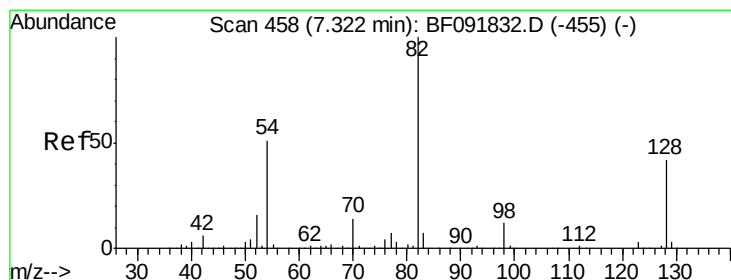
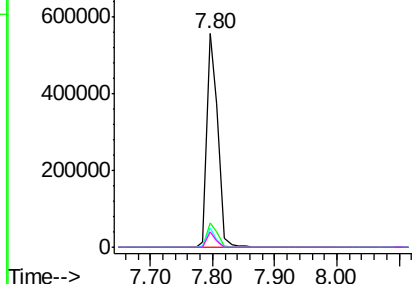
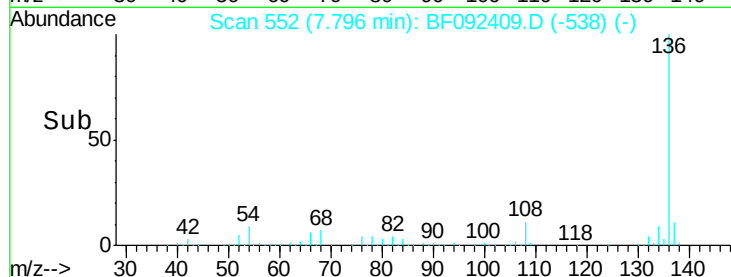
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 552
Delta R.T. -0.14 min
Lab File: BF092409.D
Acq: 21 Jan 2017 13:28

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-B

Tgt Ion: 136 Resp: 676618
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.2 4.5 6.7#
68 7.1 3.6 5.4#

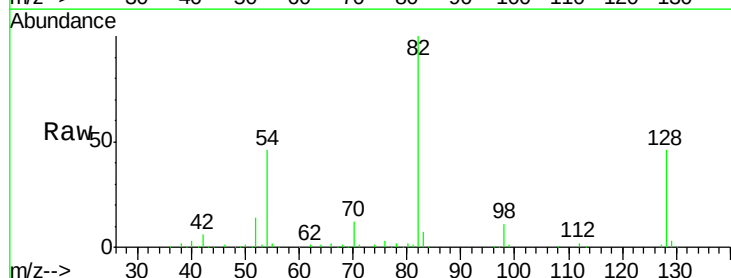


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

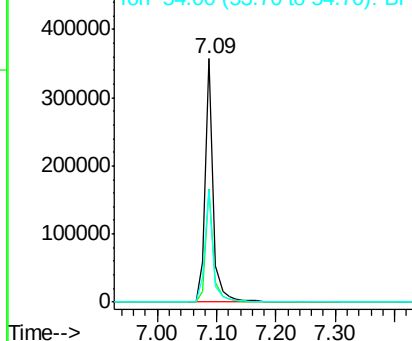
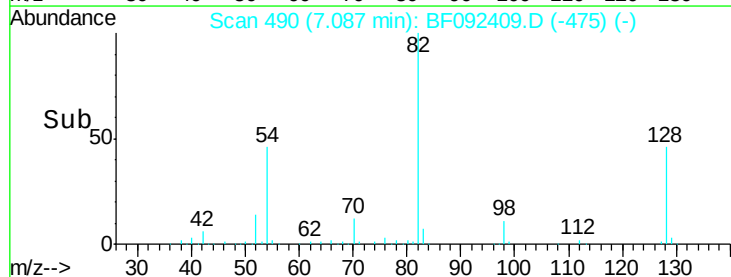


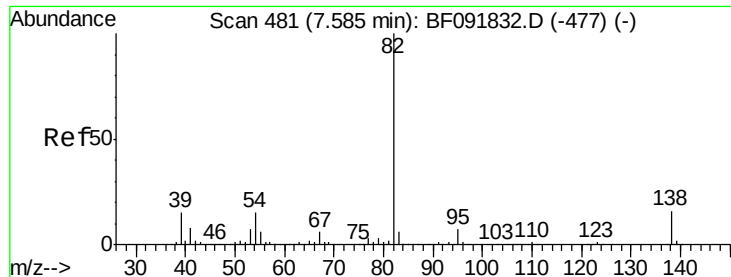
#23
Nitrobenzene-d5
Concen: 28.85 ng
RT: 7.09 min Scan# 490
Delta R.T. -0.13 min
Lab File: BF092409.D
Acq: 21 Jan 2017 13:28

Tgt Ion: 82 Resp: 351095
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 45.7 39.5 59.3



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





#25

Isophorone

Concen: 13.85 ng

RT: 7.09 min Scan# 490

Delta R.T. -0.39 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

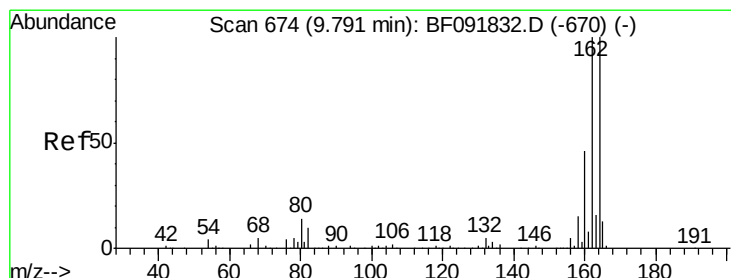
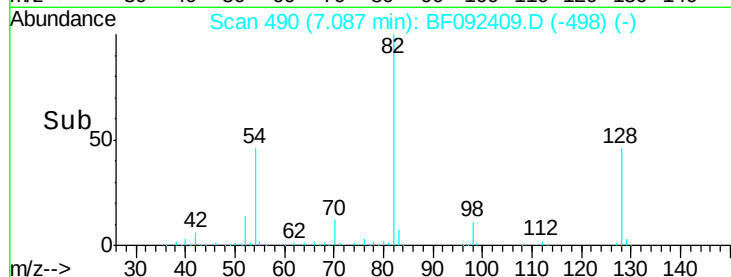
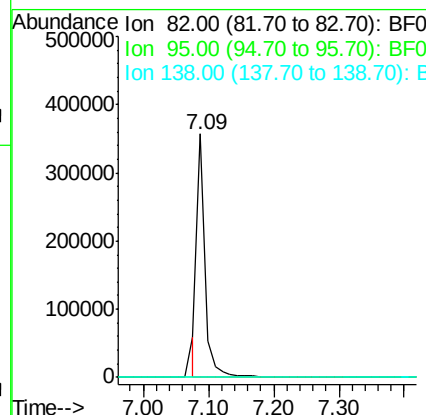
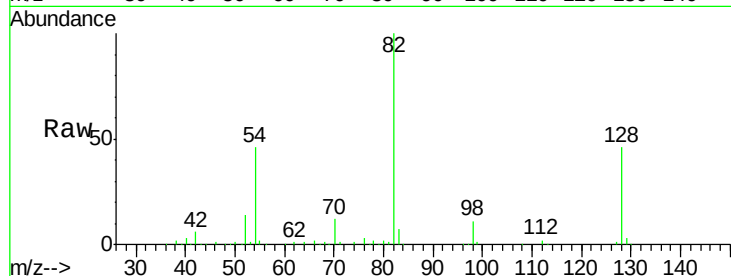
Tgt Ion: 82 Resp: 310981

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: 9.54 min Scan# 705

Delta R.T. -0.14 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

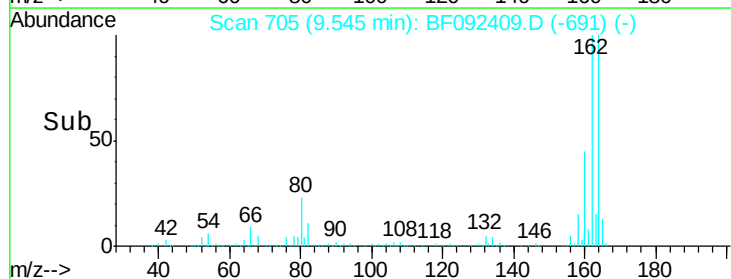
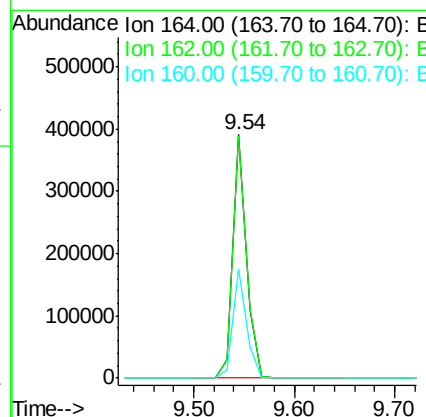
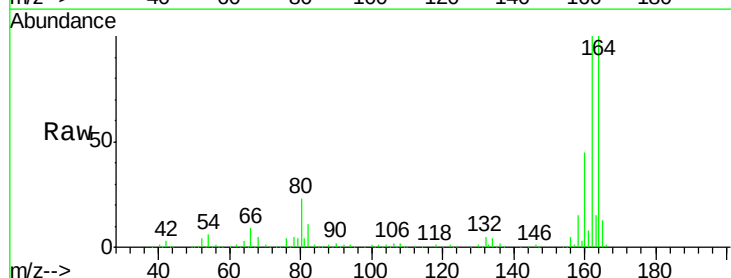
Tgt Ion: 164 Resp: 368472

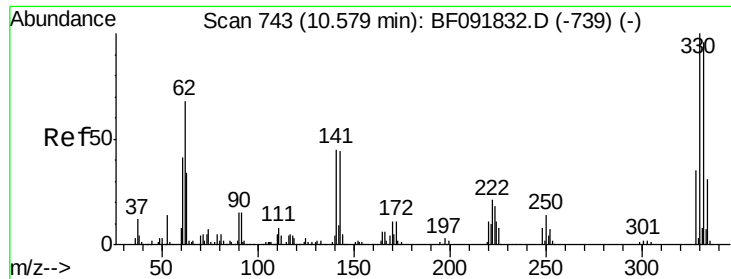
Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.2

160 44.6 36.9 55.3

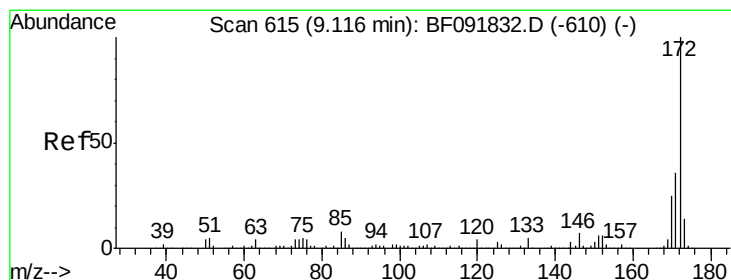
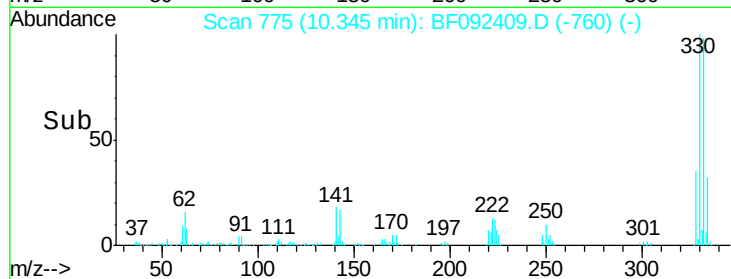
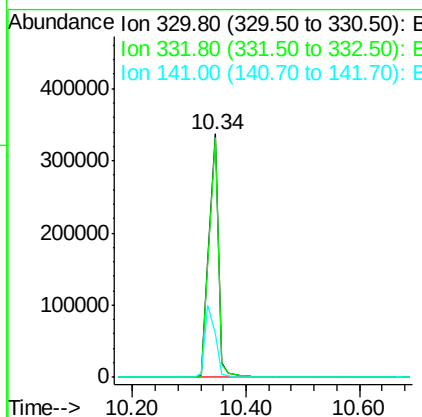
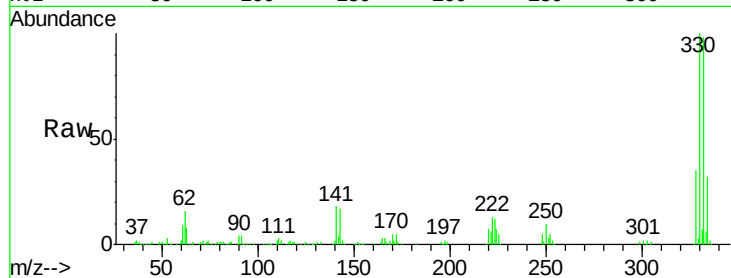




#41
 2,4,6-Tribromophenol
 Concen: 122.67 ng
 RT: 10.34 min Scan# 775
 Delta R.T. -0.13 min
 Lab File: BF092409.D
 Acq: 21 Jan 2017 13:28

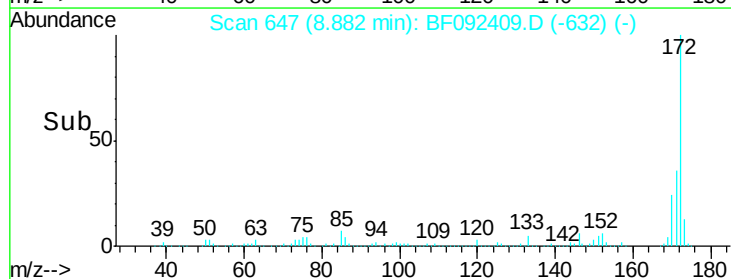
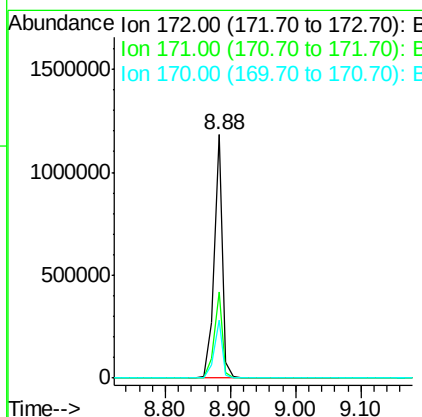
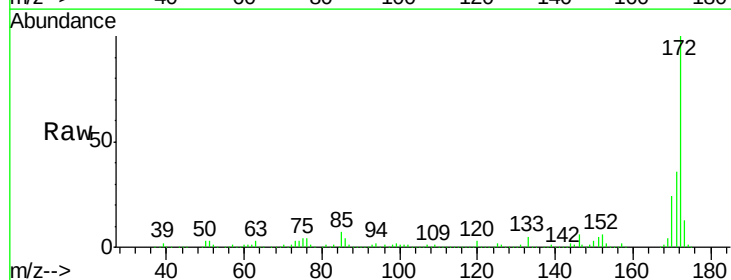
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-B

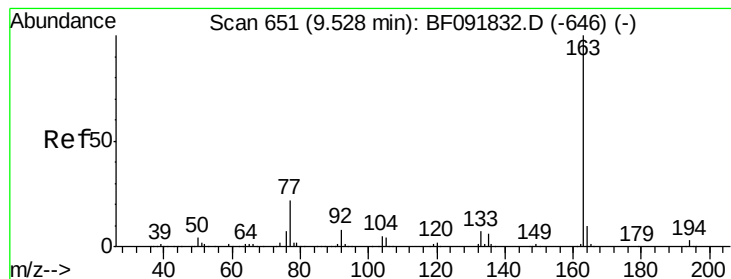
Tgt Ion:330 Resp: 374077
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 32.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 54.91 ng
 RT: 8.88 min Scan# 647
 Delta R.T. -0.13 min
 Lab File: BF092409.D
 Acq: 21 Jan 2017 13:28

Tgt Ion:172 Resp: 1069602
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.6 20.2 30.4





#49

Dimethylphthalate

Concen: 6.03 ng

RT: 9.28 min Scan# 682

Delta R.T. -0.14 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

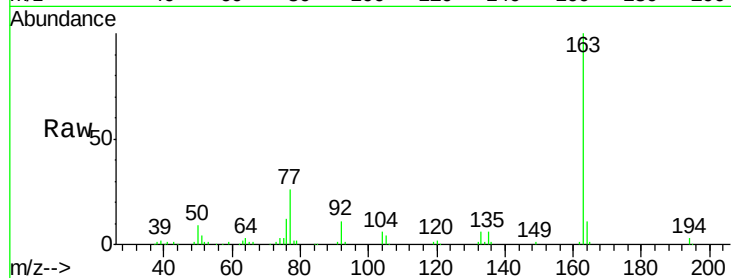
Tgt Ion:163 Resp: 142189

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

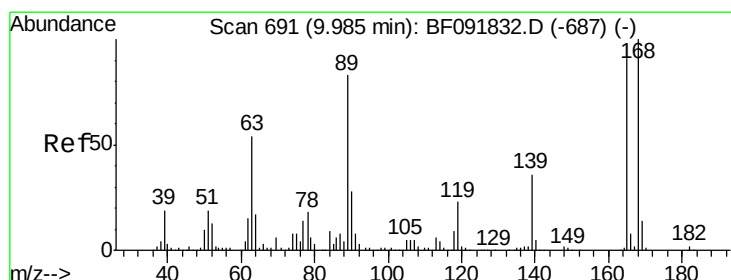
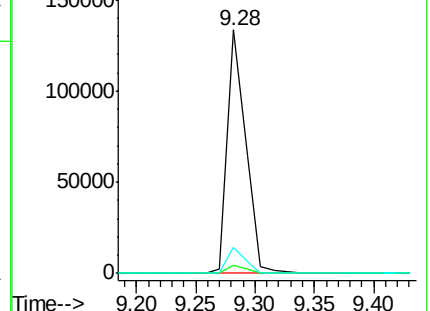
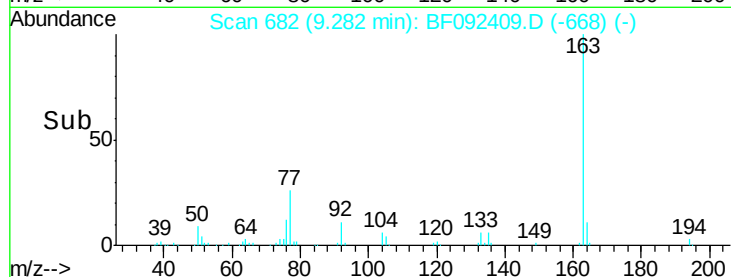
164 10.6 8.0 12.0



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: 7.37 ng

RT: 9.54 min Scan# 705

Delta R.T. -0.34 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Tgt Ion:165 Resp: 47745

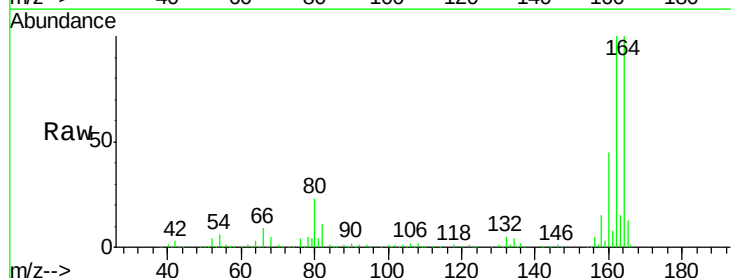
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

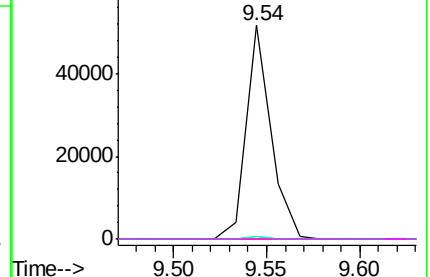
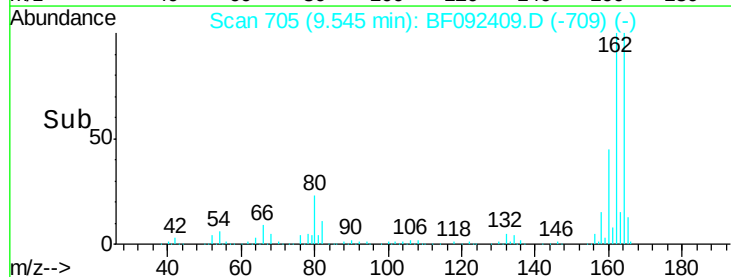


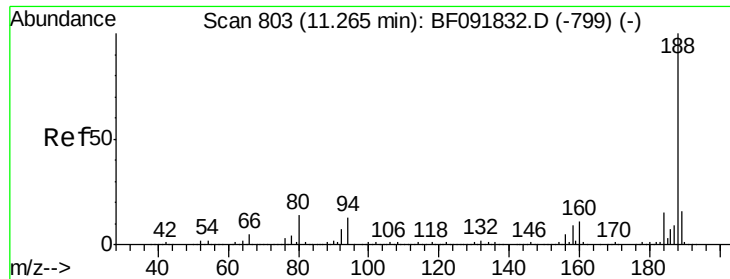
Abundance Ion 165.00 (164.70 to 165.70): E

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

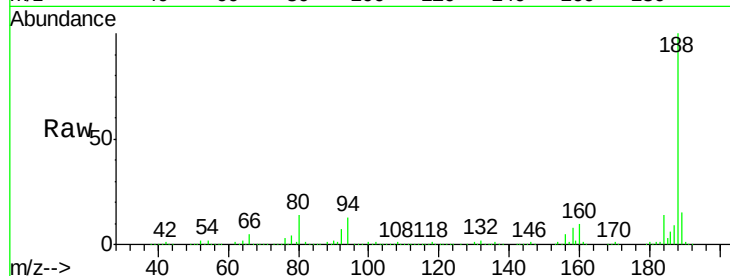




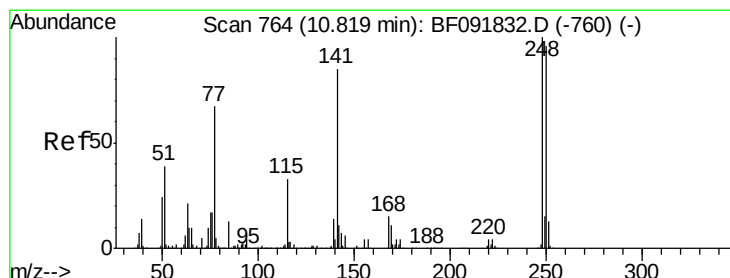
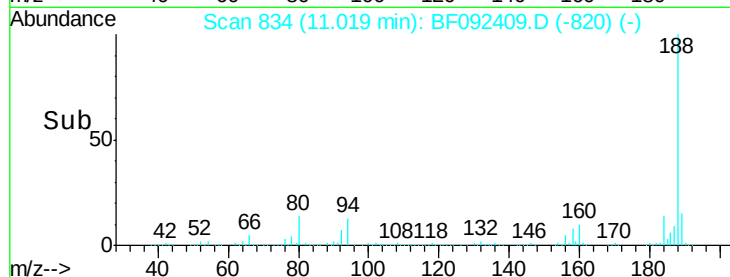
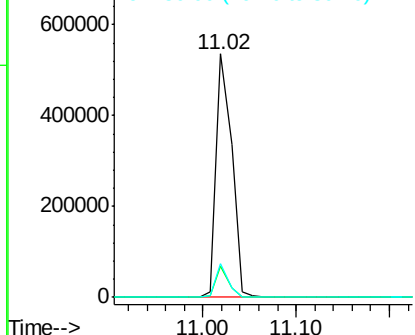
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 834
Delta R.T. -0.14 min
Lab File: BF092409.D
Acq: 21 Jan 2017 13:28

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-B

Tgt Ion:188 Resp: 624291
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.8 11.2 16.8

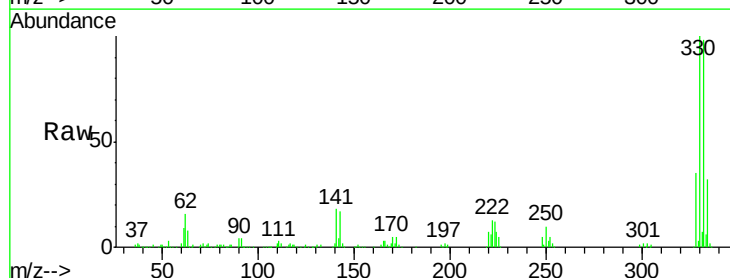


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

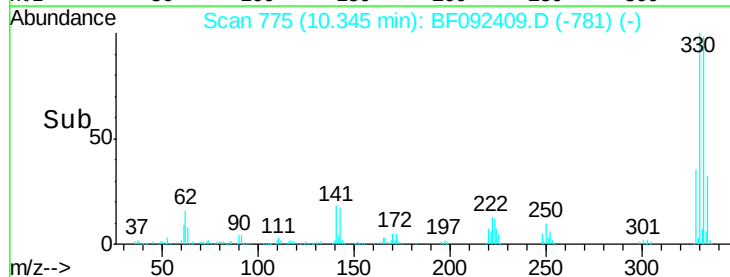
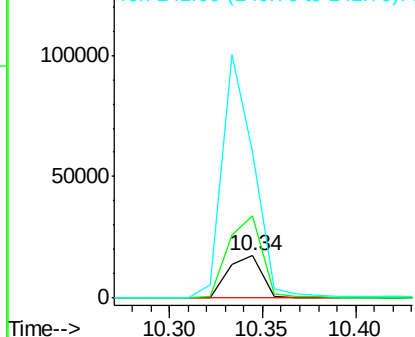


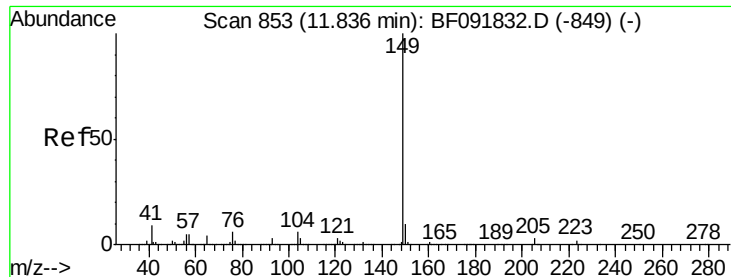
#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.34 min Scan# 775
Delta R.T. -0.37 min
Lab File: BF092409.D
Acq: 21 Jan 2017 13:28

Tgt Ion:248 Resp: 22585
Ion Ratio Lower Upper
248 100
250 194.4 76.9 115.3#
141 346.5 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.60 min Scan# 885

Delta R.T. -0.13 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

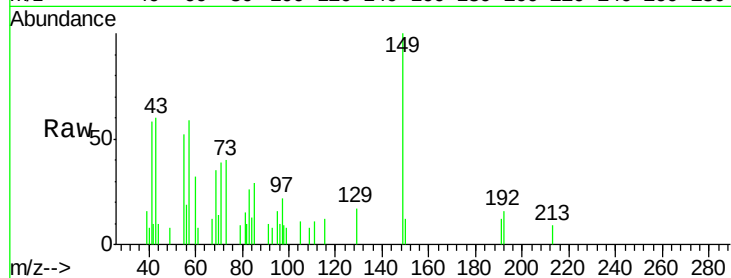
Tgt Ion:149 Resp: 3279

Ion Ratio Lower Upper

149 100

150 11.9 8.1 12.1

104 0.0 4.6 7.0#

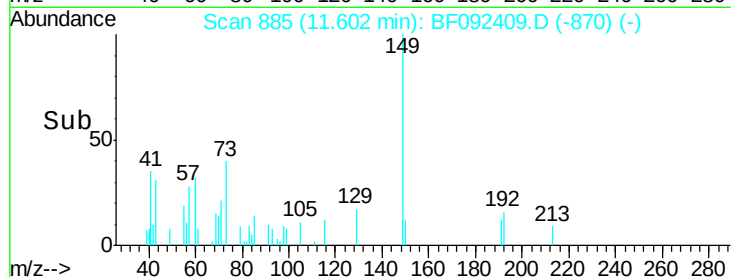


Abundance Ion 149.00 (148.70 to 149.70): E

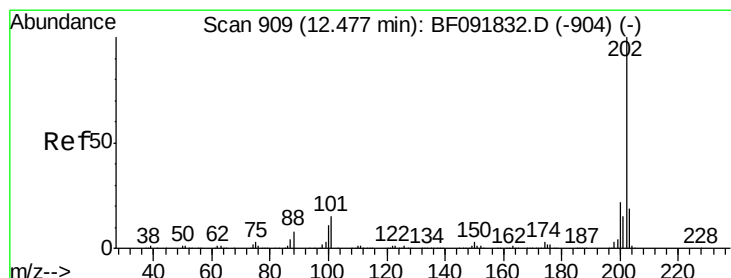
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: Below Cal

RT: 12.23 min Scan# 940

Delta R.T. -0.14 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

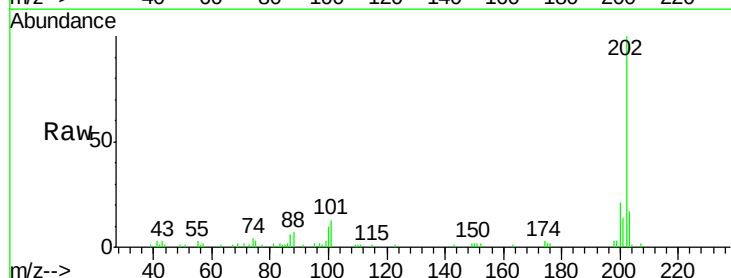
Tgt Ion:202 Resp: 33809

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

203 17.4 0.0 38.7

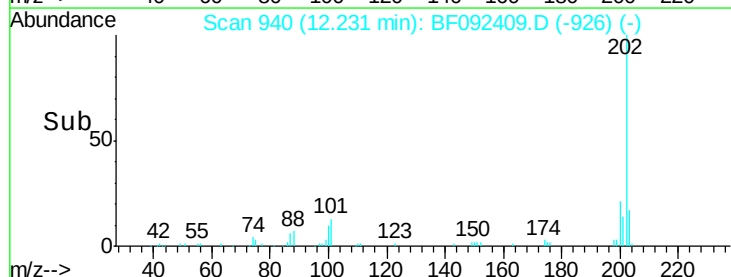


Abundance Ion 202.00 (201.70 to 202.70): E

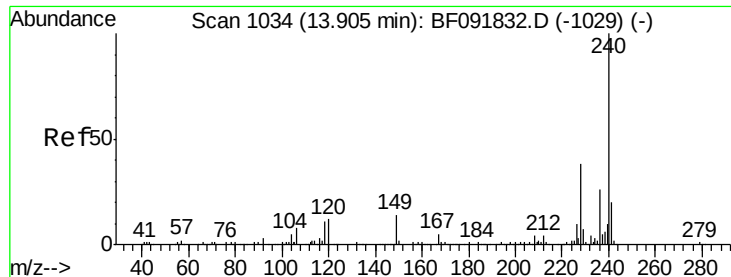
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1064

Delta R.T. -0.14 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

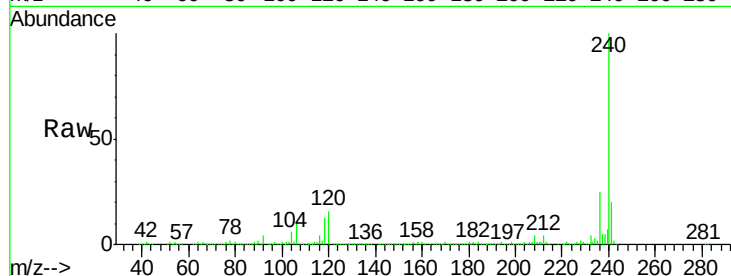
Tgt Ion:240 Resp: 482305

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

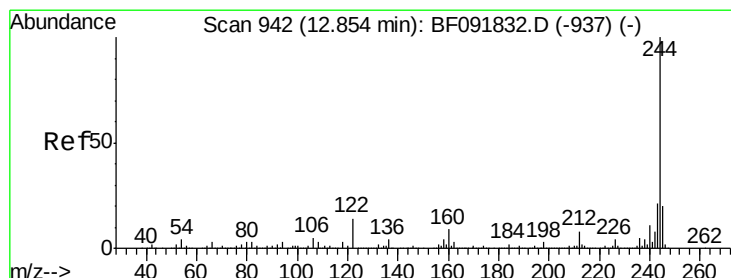
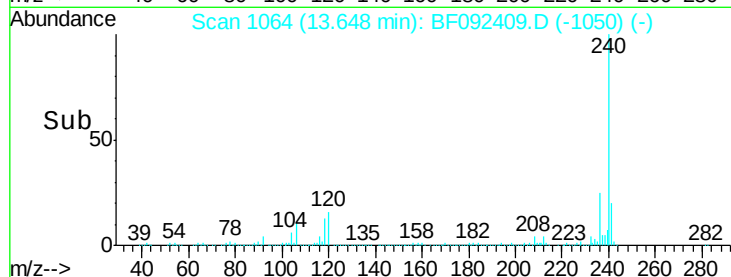
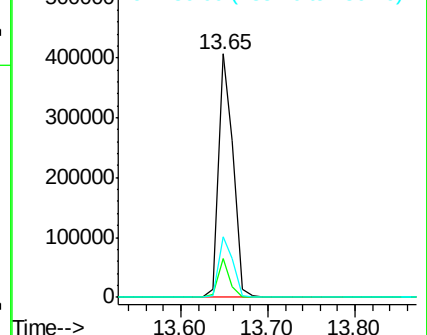
236 25.0 20.9 31.3



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: 79.76 ng

RT: 12.61 min Scan# 973

Delta R.T. -0.14 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

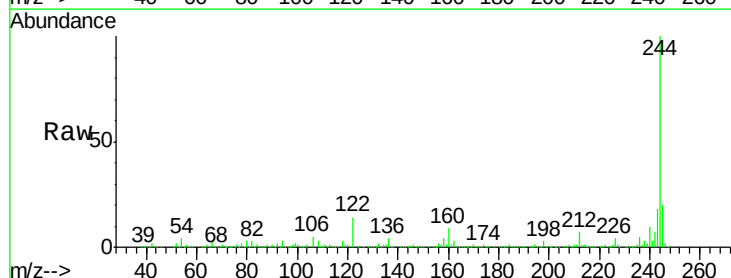
Tgt Ion:244 Resp: 1586083

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

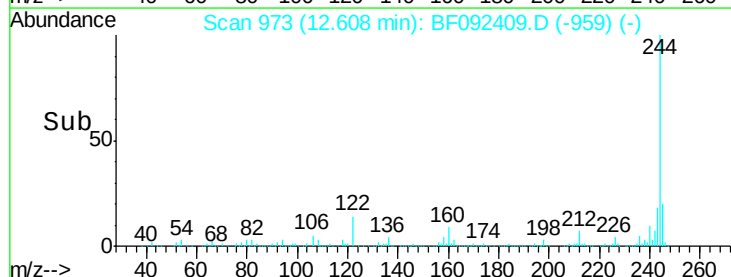
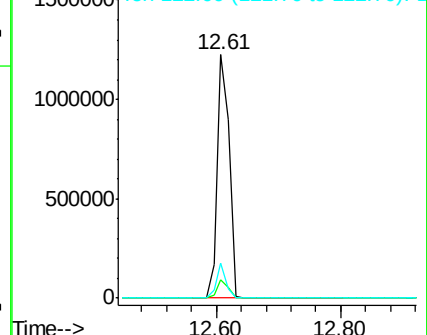
122 14.4 11.4 17.2

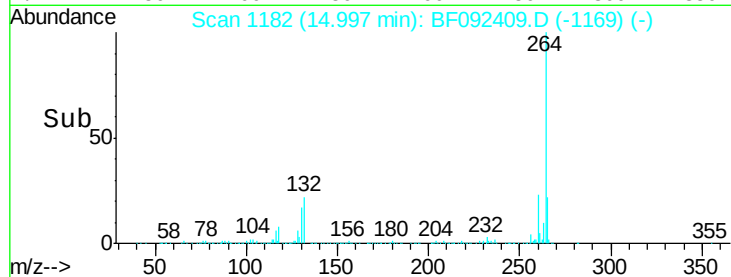
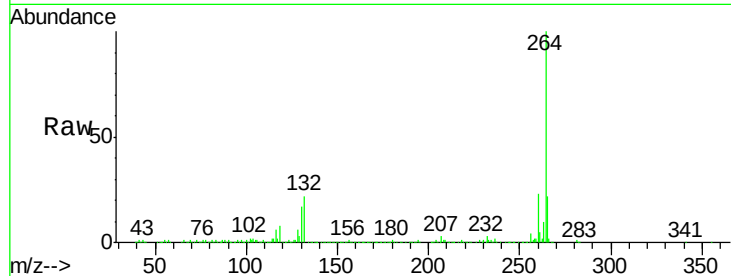
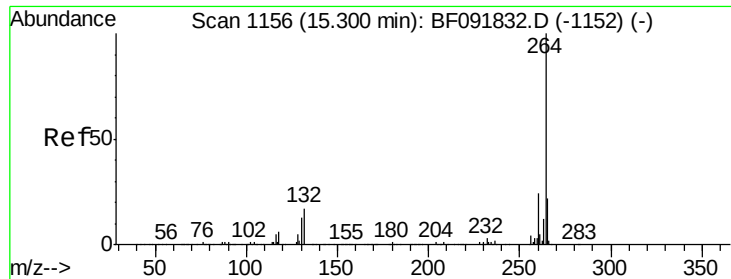


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.00 min Scan# 1182

Delta R.T. -0.15 min

Lab File: BF092409.D

Acq: 21 Jan 2017 13:28

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

Tgt Ion: 264 Resp: 382105

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.2 17.4 26.0

