

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092110.D
 Acq On : 6 Jan 2017 12:07
 Operator : UM/SJ
 Sample : PB95763BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BL

Quant Time: Jan 06 22:21:17 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

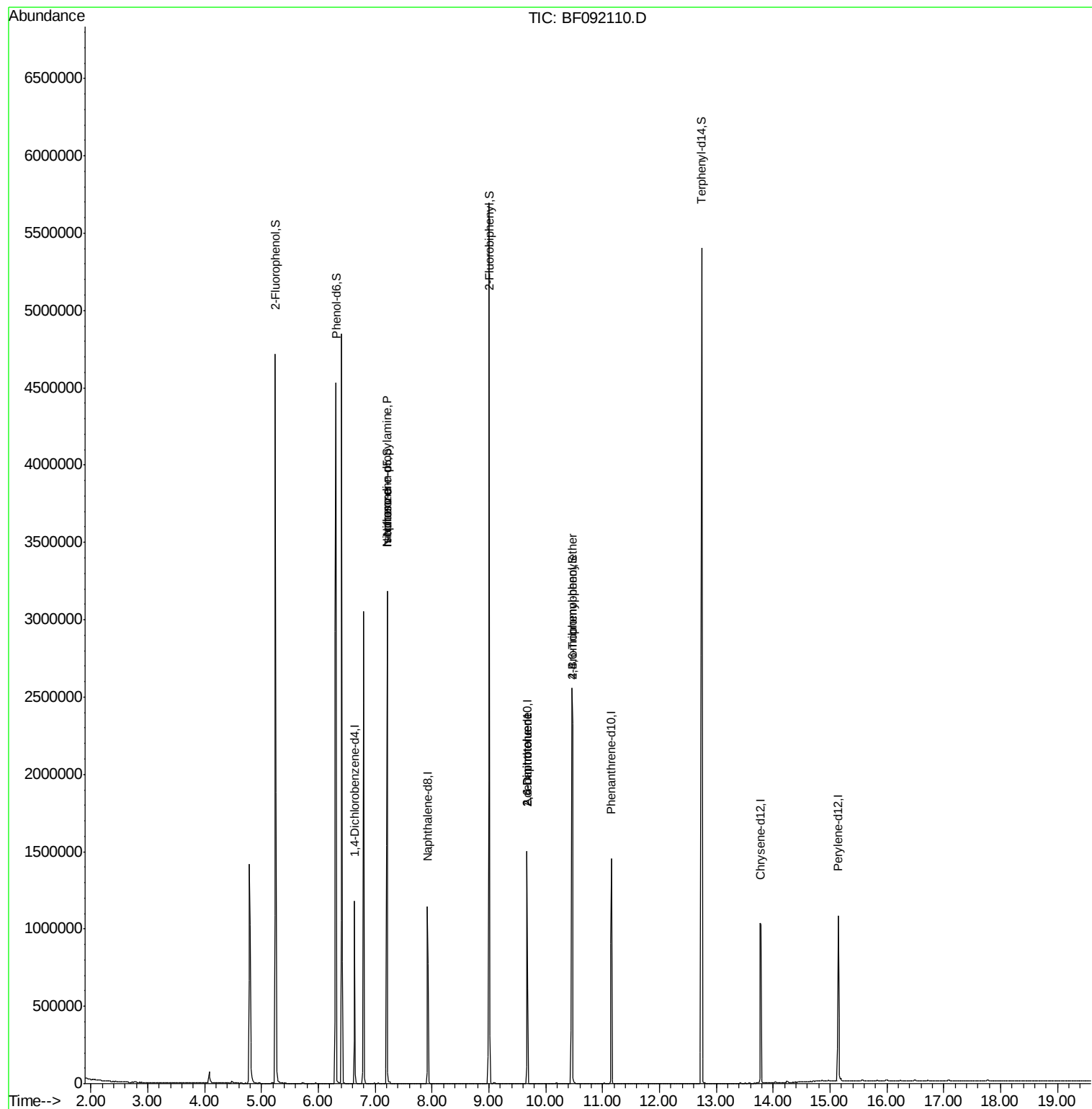
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	179608	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	703223	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	367410	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	670142	20.00	ng	0.00
75) Chrysene-d12	13.79	240	552163	20.00	ng	0.00
86) Perylene-d12	15.15	264	445296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1584169	147.27	ng	0.01
7) Phenol-d6	6.31	99	1951349	148.58	ng	0.00
23) Nitrobenzene-d5	7.21	82	1197024	94.65	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	486913	160.14	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1833808	105.35	ng	0.00
78) Terphenyl-d14	12.75	244	1877253	82.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	161259	18.46	ng	# 74
25) Isophorone	7.21	82	1175614	50.39	ng	# 65
50) 2,6-Dinitrotoluene	9.67	165	47474	9.23	ng	# 30
56) 2,4-Dinitrotoluene	9.67	165	47474	7.35	ng	# 19
66) 4-Bromophenyl-phenylether	10.47	248	30071	4.31	ng	# 1
73) Di-n-butylphthalate	11.73	149	512	Below Cal		# 76

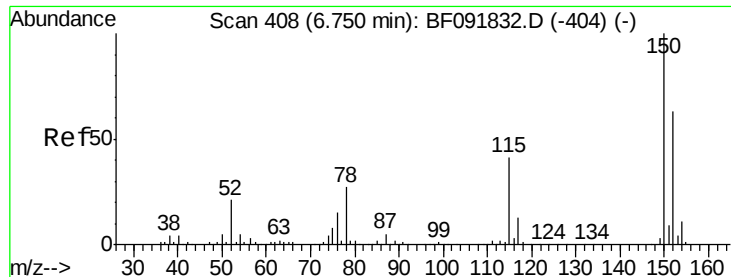
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

Instrument :

BNA_F

ClientSampleId :

PB95763BL

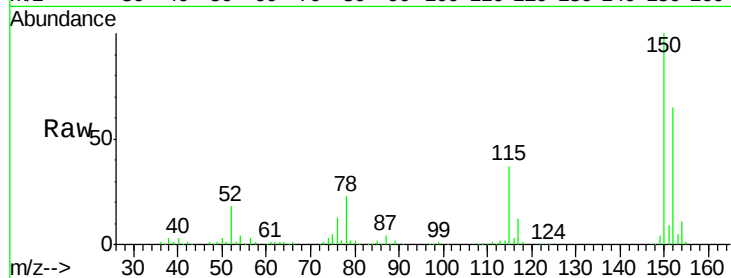
Tgt Ion:152 Resp: 179608

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

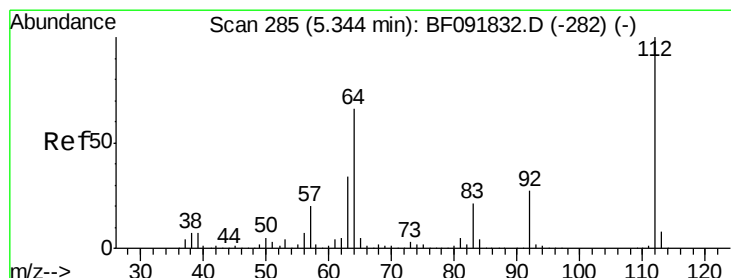
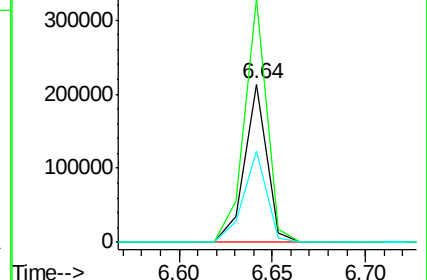
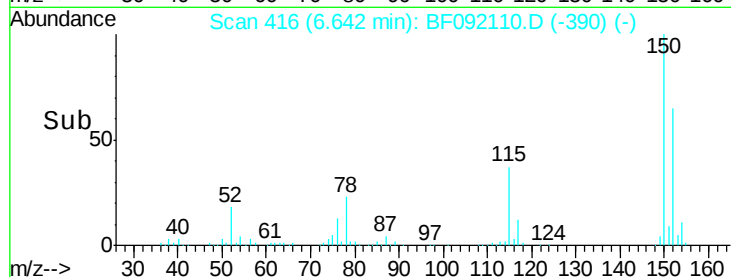
115 57.3 46.0 69.0



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: 147.27 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

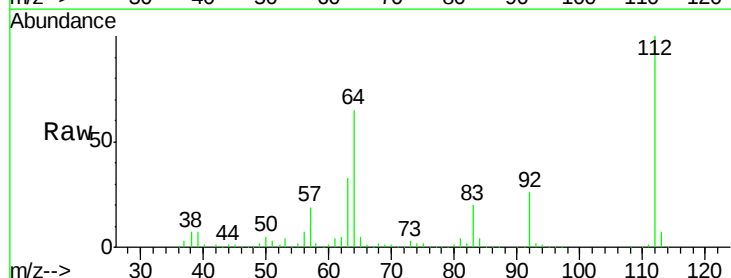
Tgt Ion:112 Resp: 1584169

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

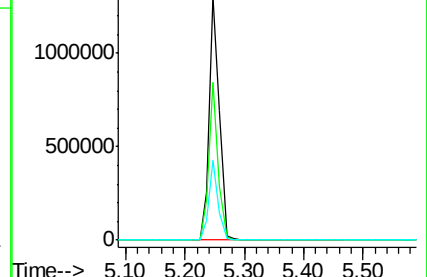
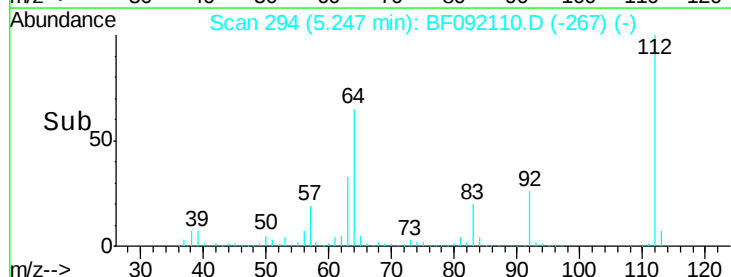
63 32.8 23.8 35.6



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: 148.58 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

Instrument :

BNA_F

ClientSampleId :

PB95763BL

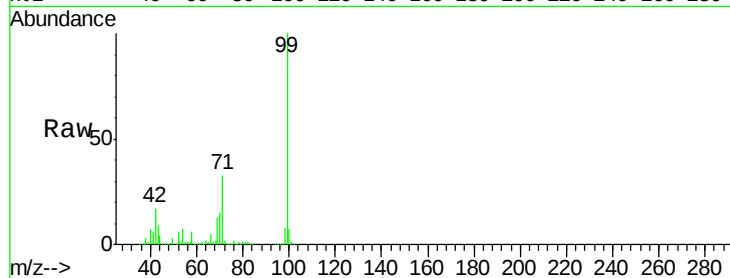
Tgt Ion: 99 Resp: 1951349

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

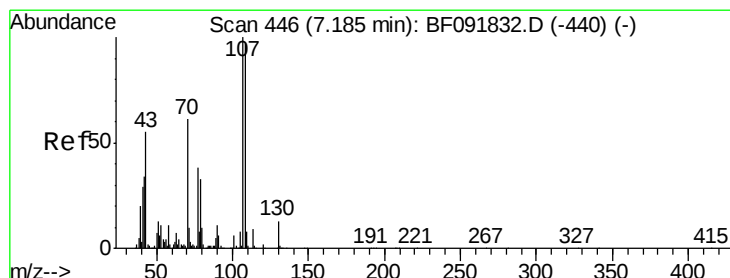
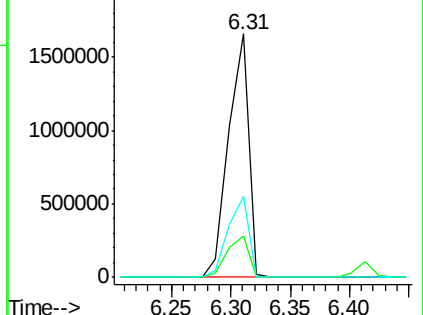
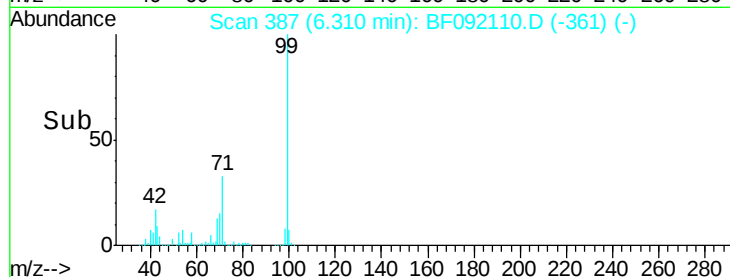
71 33.2 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.46 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

Tgt Ion: 70 Resp: 161259

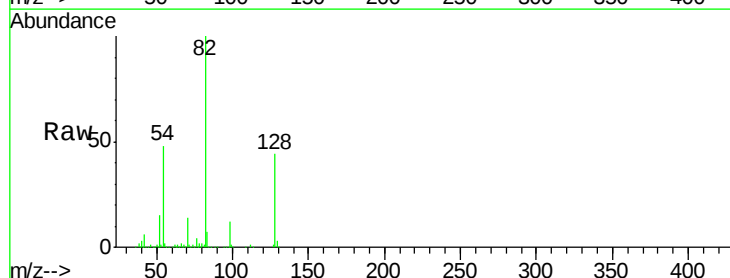
Ion Ratio Lower Upper

70 100

42 43.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

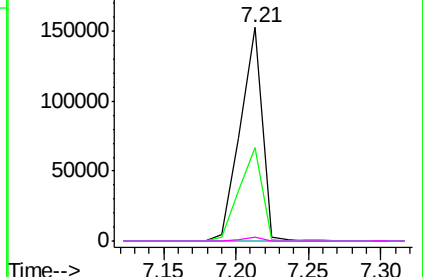
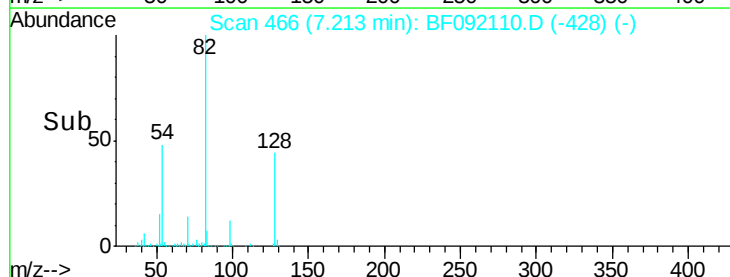


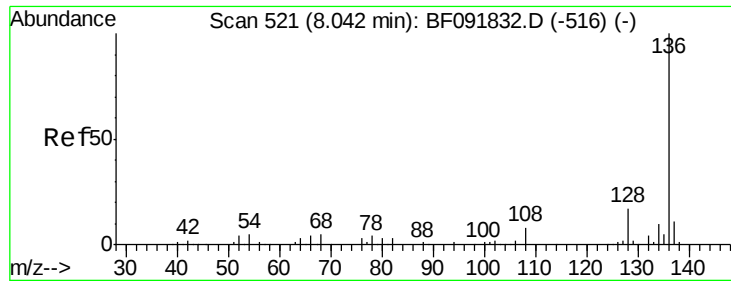
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

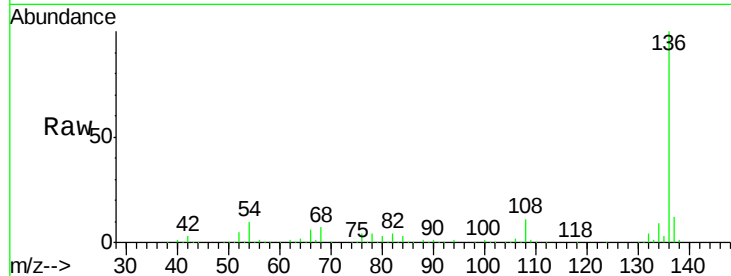




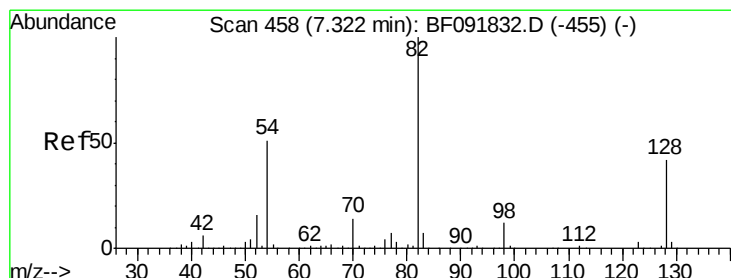
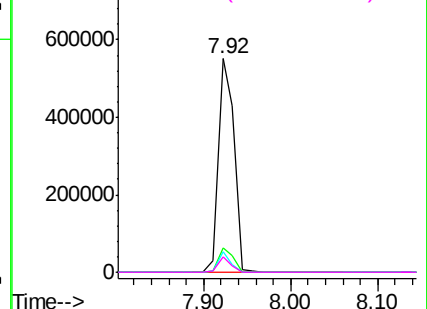
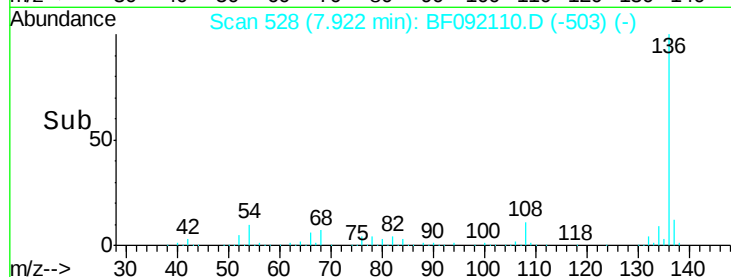
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092110.D
Acq: 6 Jan 2017 12:07

Instrument :
BNA_F
ClientSampleId :
PB95763BL

Tgt Ion: 136 Resp: 703223
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.7 4.5 6.7#
68 7.1 3.6 5.4#

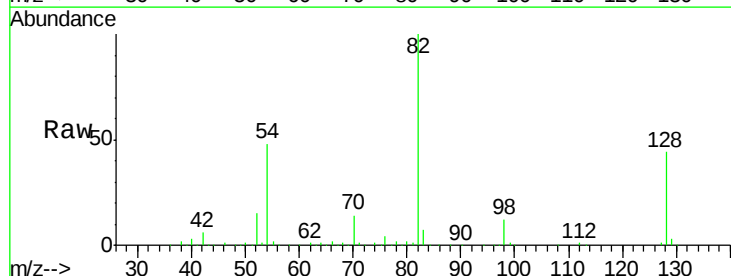


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

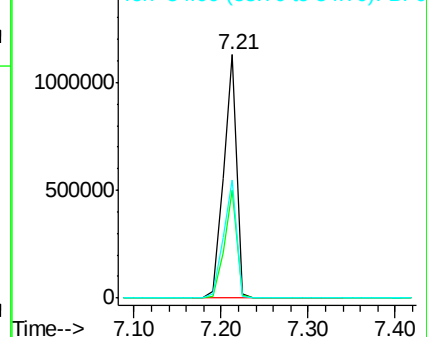
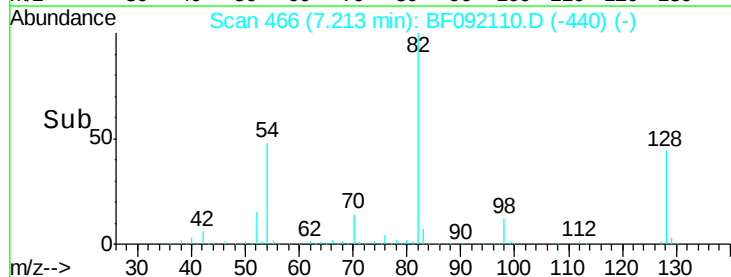


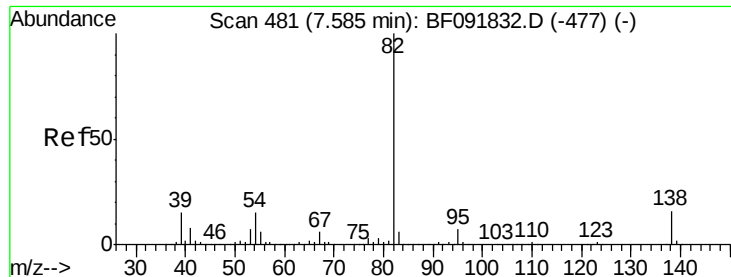
#23
Nitrobenzene-d5
Concen: 94.65 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092110.D
Acq: 6 Jan 2017 12:07

Tgt Ion: 82 Resp: 1197024
Ion Ratio Lower Upper
82 100
128 44.2 34.6 52.0
54 48.5 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: 50.39 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

Instrument :

BNA_F

ClientSampleId :

PB95763BL

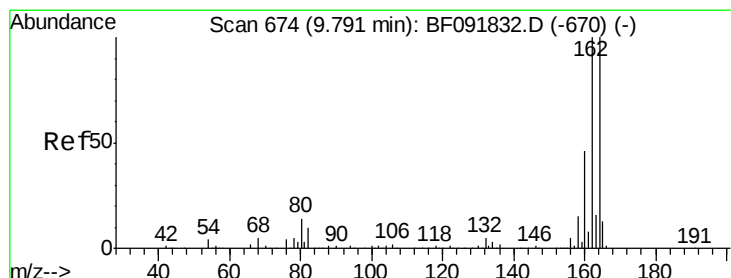
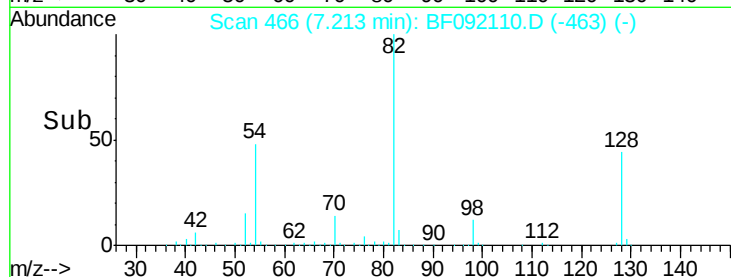
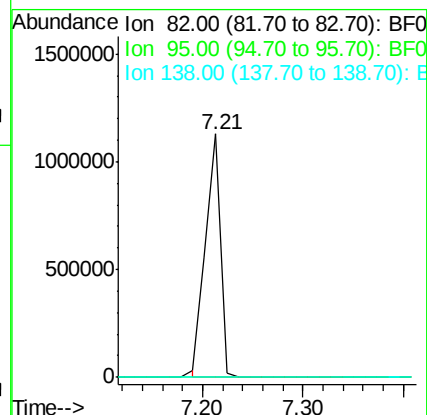
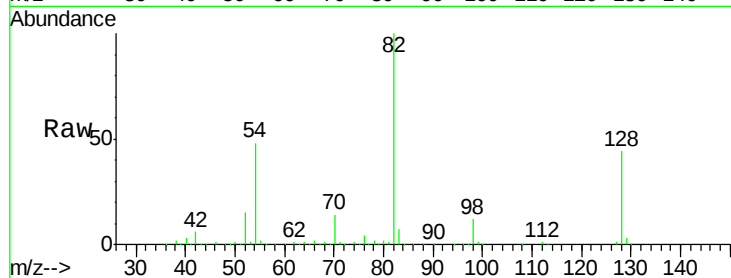
Tgt Ion: 82 Resp: 1175614

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: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

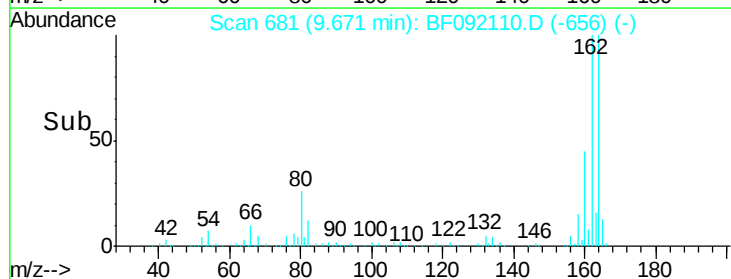
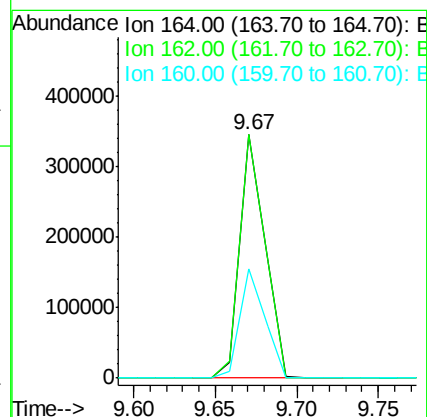
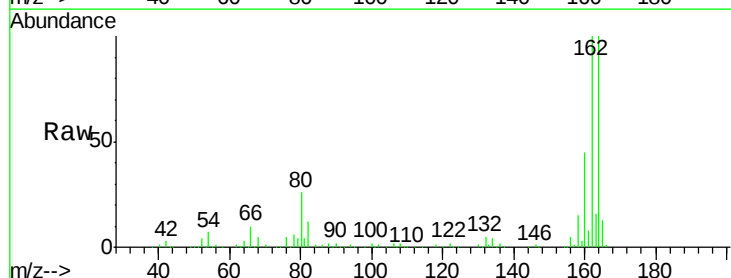
Tgt Ion: 164 Resp: 367410

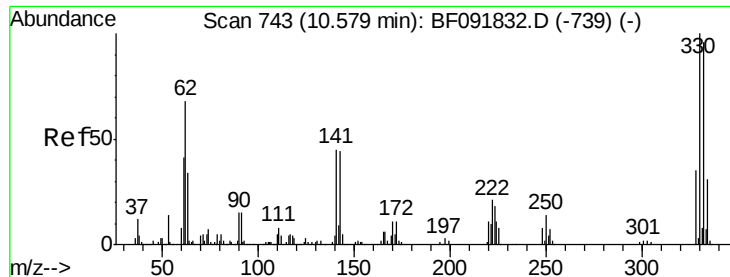
Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

160 44.8 36.9 55.3

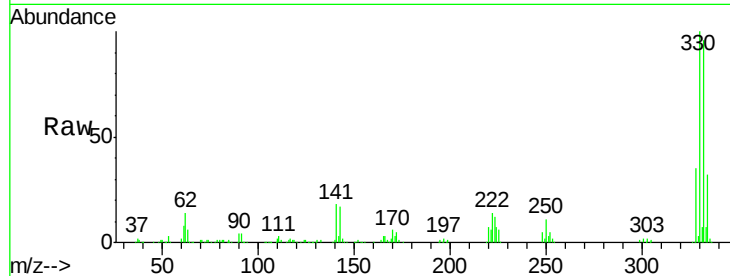




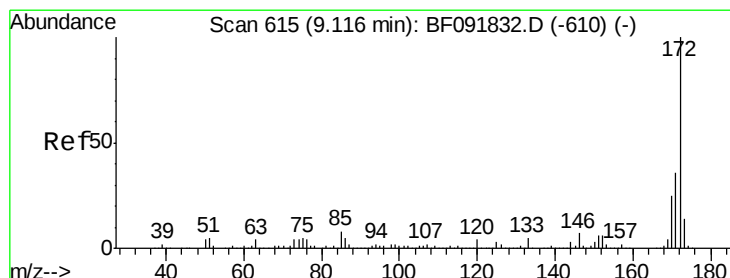
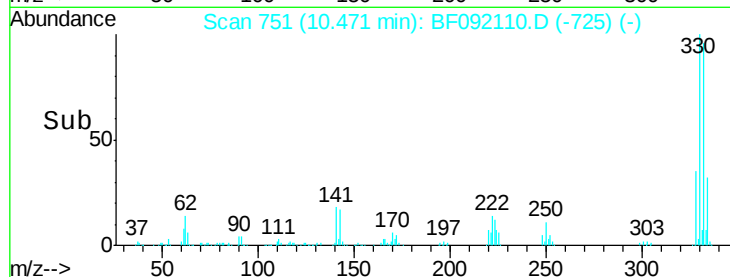
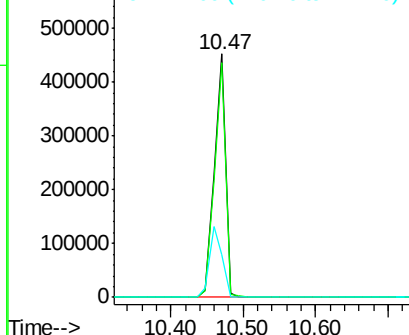
#41
 2,4,6-Tribromophenol
 Concen: 160.14 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092110.D
 Acq: 6 Jan 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB95763BL

Tgt Ion:330 Resp: 486913
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 33.0 34.1 51.1#

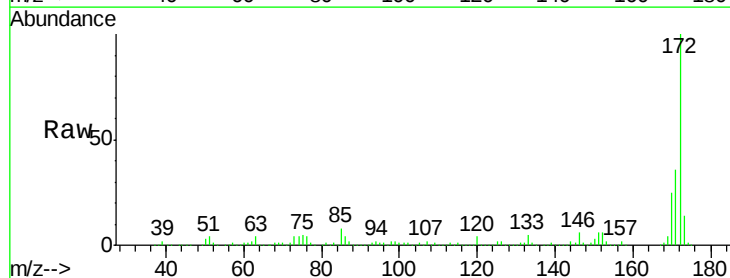


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

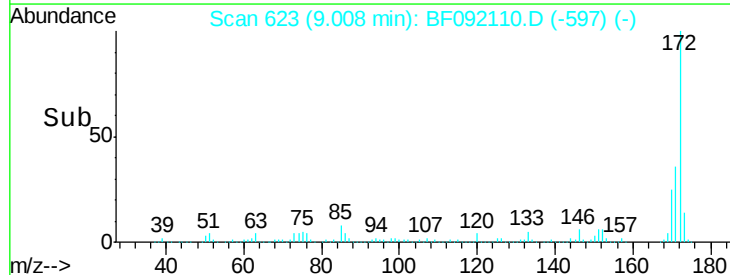
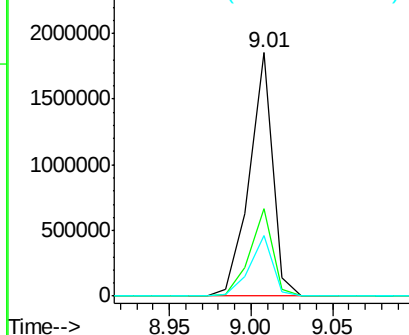


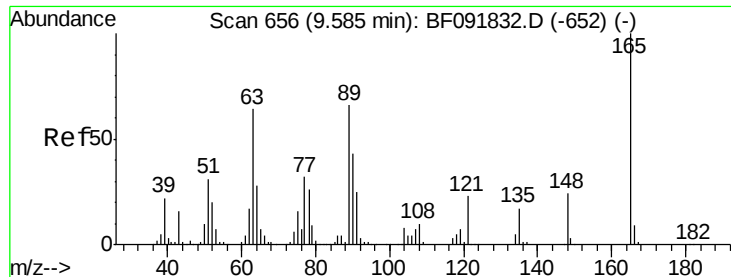
#44
 2-Fluorobiphenyl
 Concen: 105.35 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092110.D
 Acq: 6 Jan 2017 12:07

Tgt Ion:172 Resp: 1833808
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.7 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

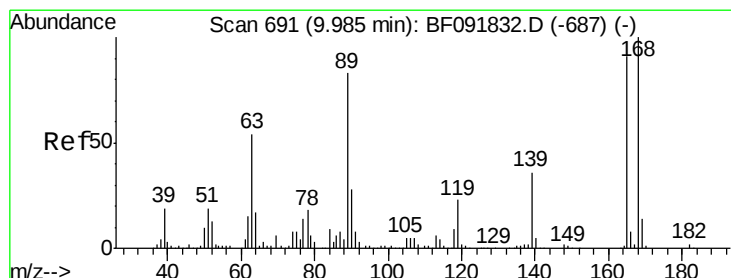
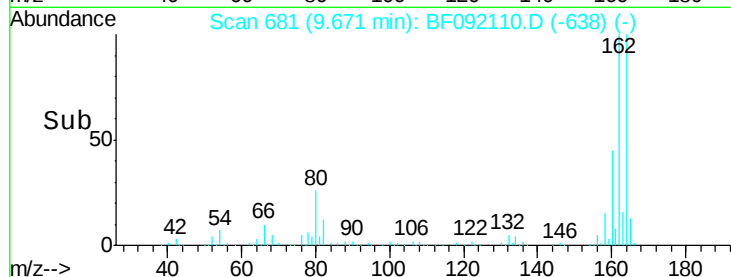
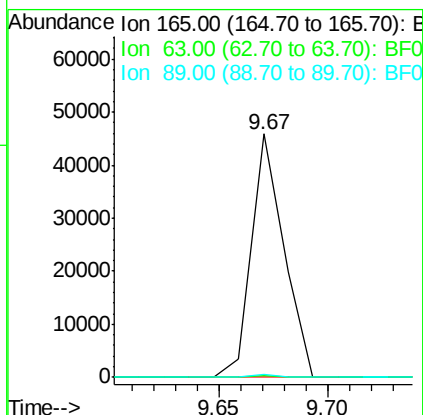
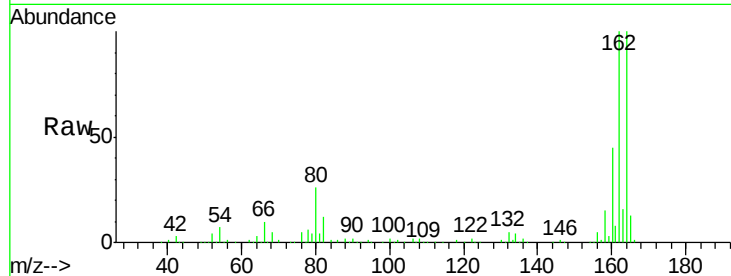




#50
 2,6-Dinitrotoluene
 Concen: 9.23 ng
 RT: 9.67 min Scan# 681
 Delta R.T. 0.19 min
 Lab File: BF092110.D
 Acq: 6 Jan 2017 12:07

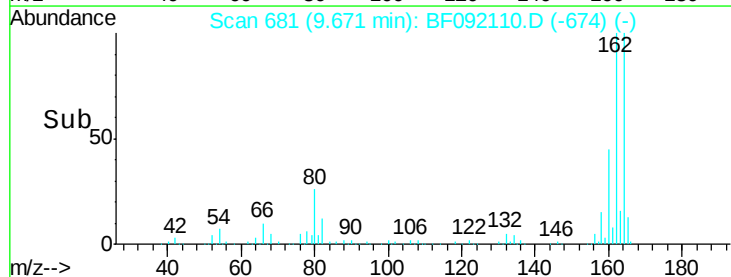
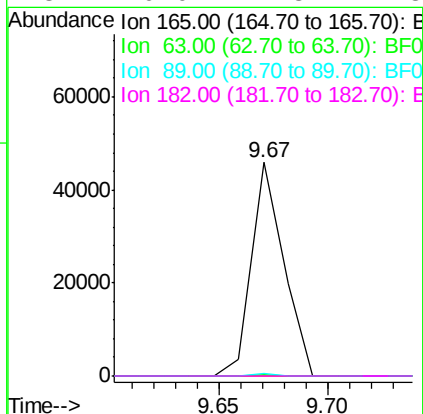
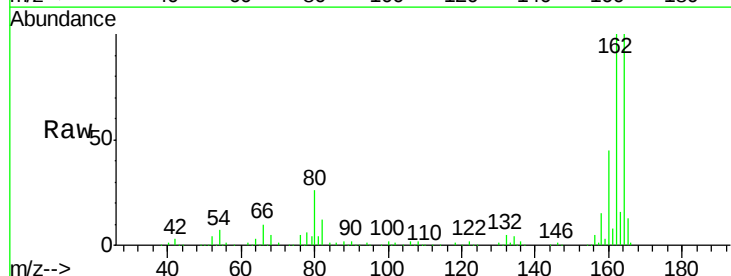
Instrument :
 BNA_F
 ClientSampleId :
 PB95763BL

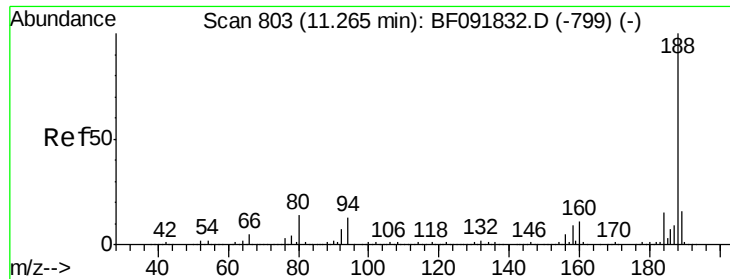
Tgt Ion:165 Resp: 47474
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.35 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF092110.D
 Acq: 6 Jan 2017 12:07

Tgt Ion:165 Resp: 47474
 Ion Ratio Lower Upper
 165 100
 63 0.9 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

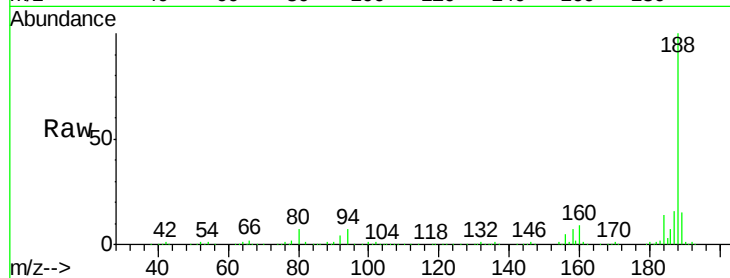




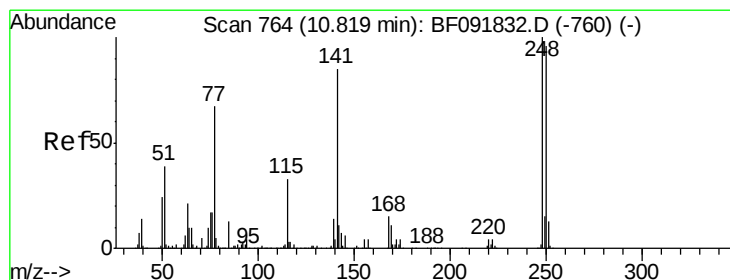
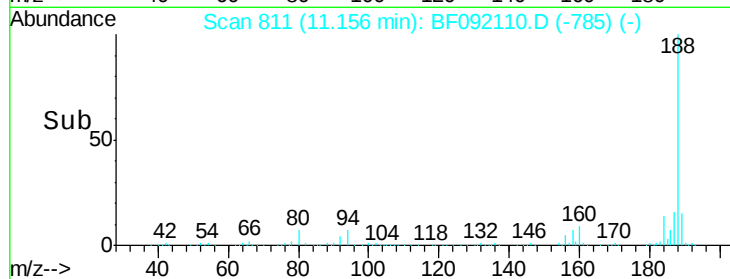
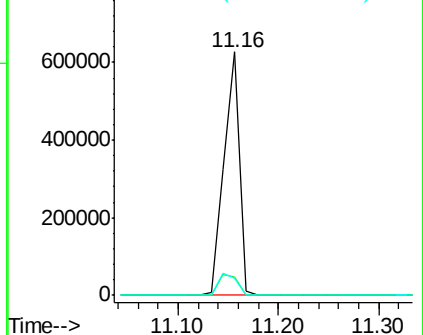
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092110.D
Acq: 6 Jan 2017 12:07

Instrument :
BNA_F
ClientSampleId :
PB95763BL

Tgt Ion:188 Resp: 670142
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.2 11.2 16.8#

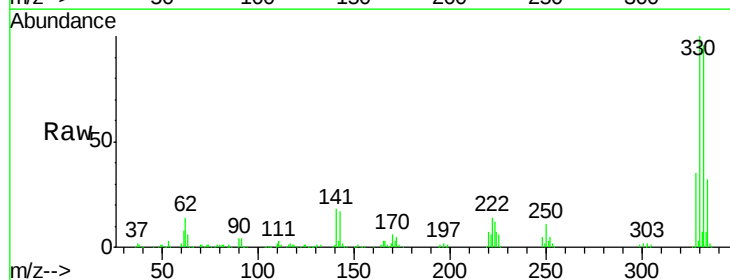


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

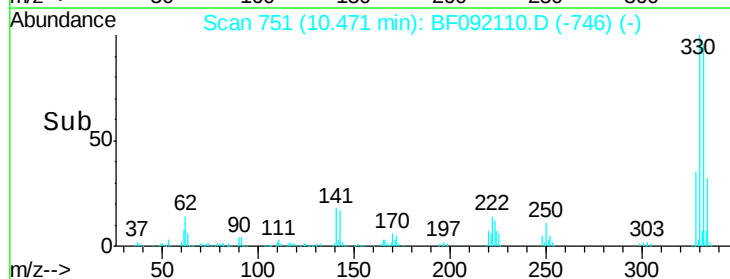
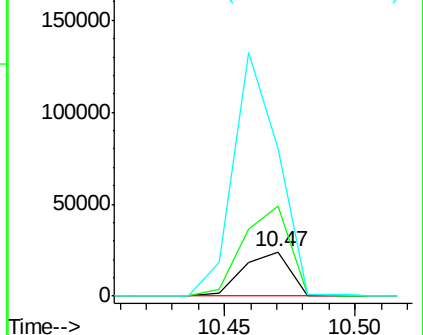


#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF092110.D
Acq: 6 Jan 2017 12:07

Tgt Ion:248 Resp: 30071
Ion Ratio Lower Upper
248 100
250 204.9 76.9 115.3#
141 333.8 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: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

Instrument :

BNA_F

ClientSampleId :

PB95763BL

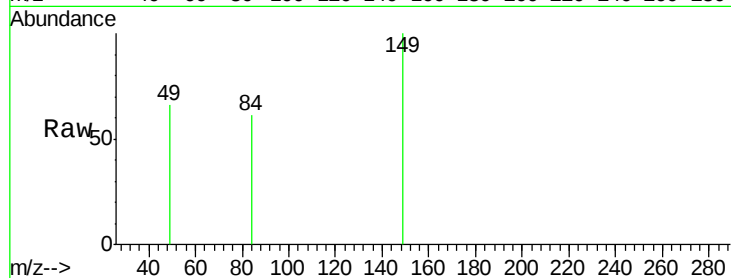
Tgt Ion:149 Resp: 512

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 4.6 7.0#

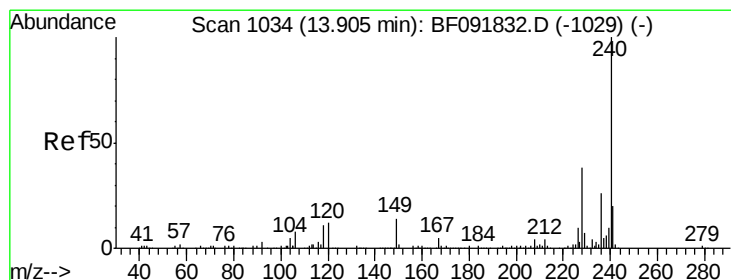
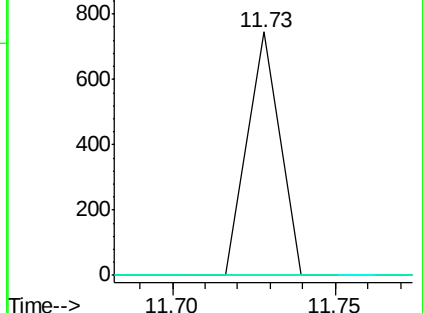
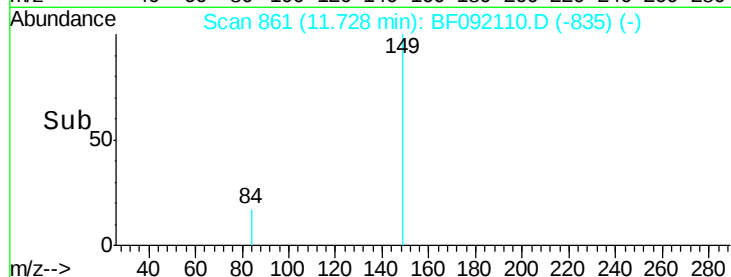


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

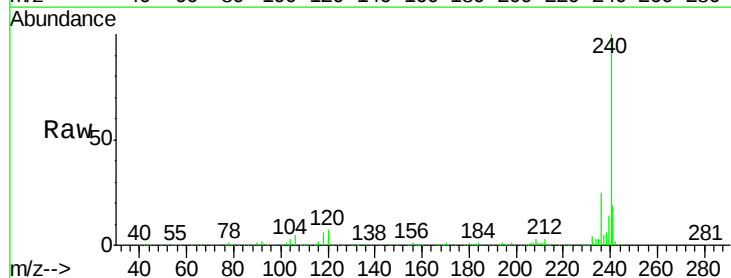
Tgt Ion:240 Resp: 552163

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

236 25.3 20.9 31.3

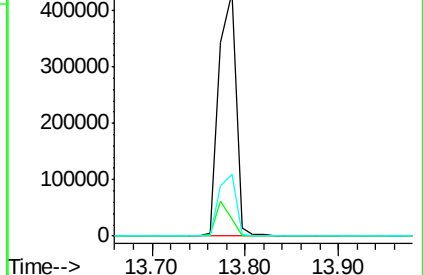
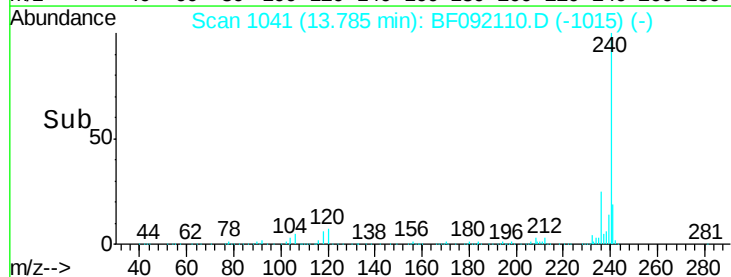


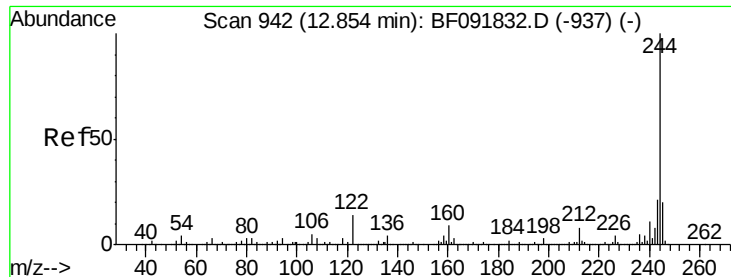
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 82.45 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

Instrument :

BNA_F

ClientSampleId :

PB95763BL

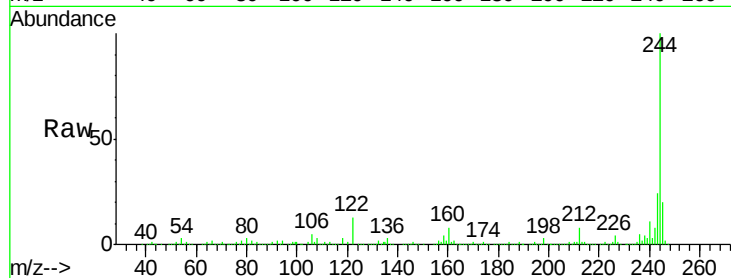
Tgt Ion:244 Resp: 1877253

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

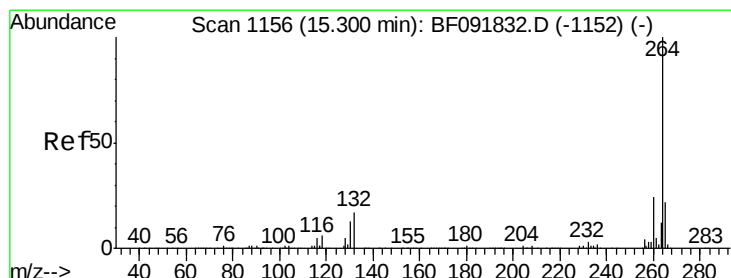
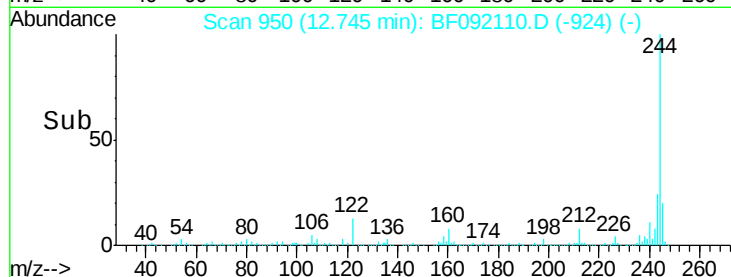
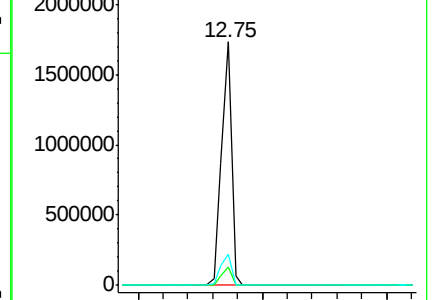
122 13.0 11.4 17.2



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: 15.15 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF092110.D

Acq: 6 Jan 2017 12:07

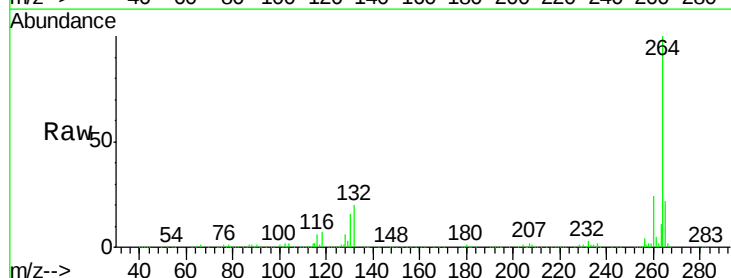
Tgt Ion:264 Resp: 445296

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

