

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092307.D
 Acq On : 17 Jan 2017 3:45
 Operator : UM/SJ
 Sample : PB96012TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96012TB

Quant Time: Jan 17 05:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

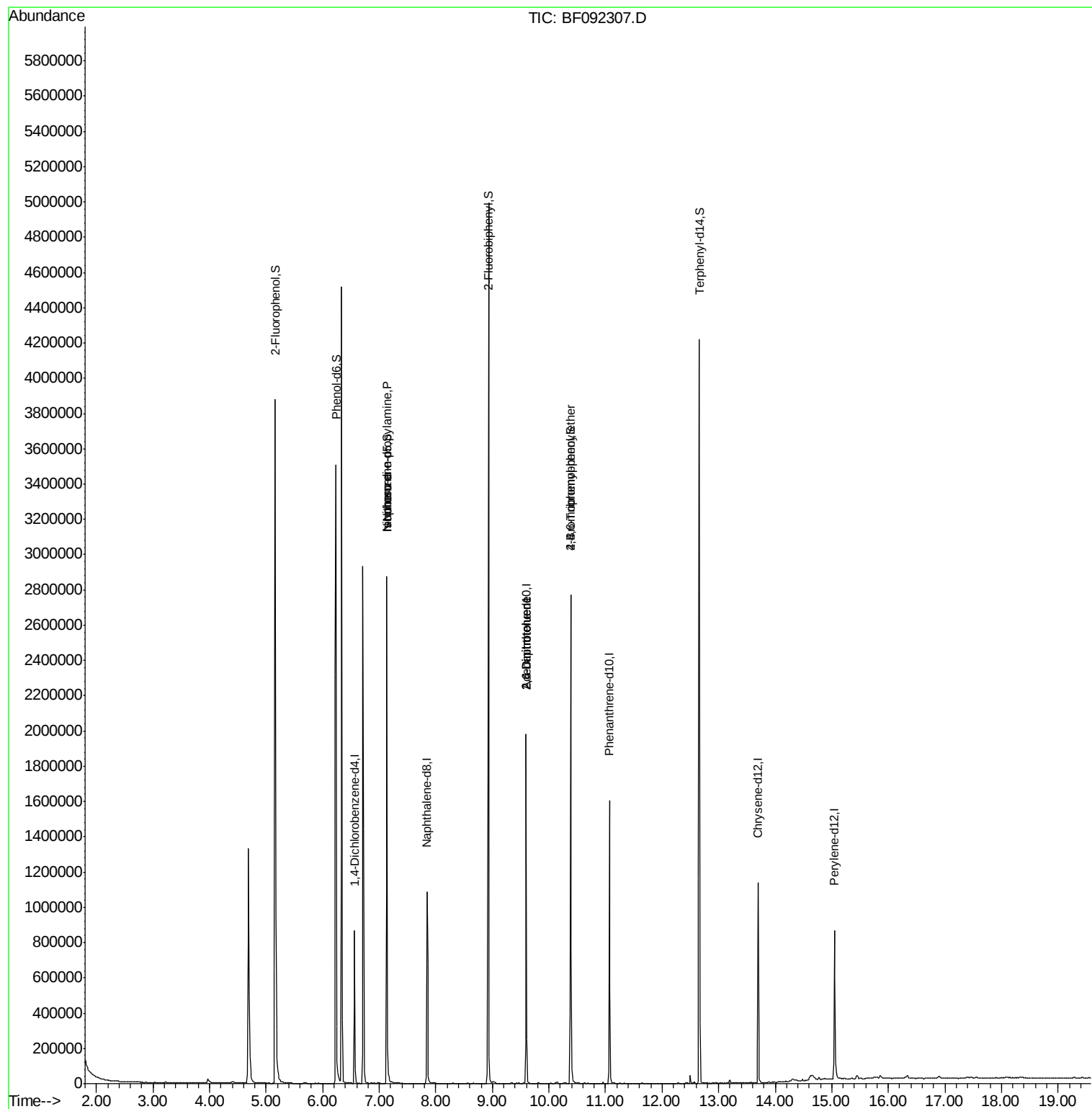
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	165568	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	656214	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	406844	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	624115	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	389762	20.00	ng	-0.01
86) Perylene-d12	15.05	264	410438	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1234211	124.47	ng	0.01
7) Phenol-d6	6.23	99	1662492	137.32	ng	0.00
23) Nitrobenzene-d5	7.14	82	1074155	91.02	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	350480	104.09	ng	-0.01
44) 2-Fluorobiphenyl	8.93	172	1633357	81.77	ng	0.00
78) Terphenyl-d14	12.66	244	1307038	81.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	138120	17.15	ng	# 74
25) Isophorone	7.14	82	1065946	48.96	ng	# 65
37) 2-Methylnaphthalene	8.56	142	1462	Below Cal		91
50) 2,6-Dinitrotoluene	9.59	165	52289	9.18	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	52289	7.31	ng	# 19
66) 4-Bromophenyl-phenylether	10.38	248	20603	3.17	ng	# 1
71) Anthracene	11.15	178	2172	Below Cal		96
73) Di-n-butylphthalate	11.65	149	3358	Below Cal	#	93
74) Fluoranthene	12.28	202	1866	Below Cal		61
76) Benzidine	12.42	184	3281	Below Cal	#	86

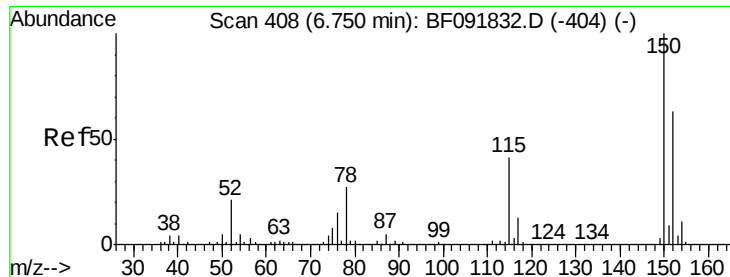
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 23 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

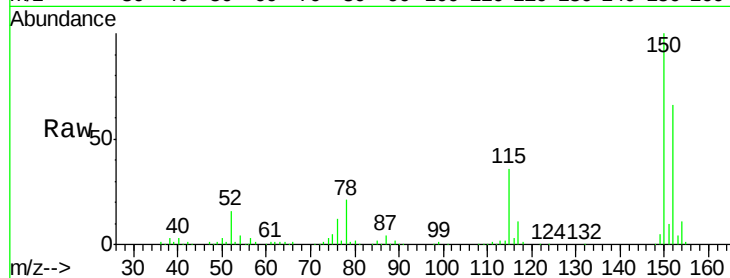
Tgt Ion:152 Resp: 165568

Ion Ratio Lower Upper

152 100

150 151.0 124.9 187.3

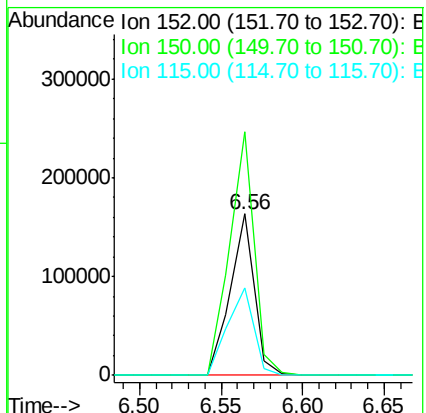
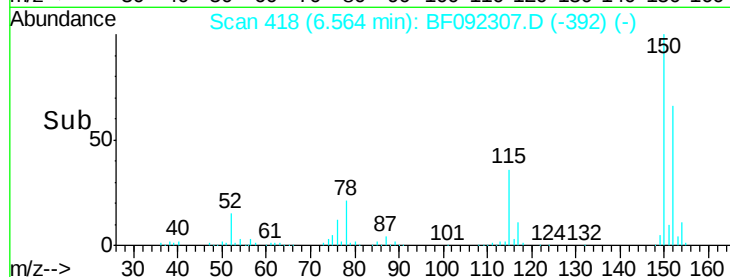
115 54.2 46.0 69.0



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: 124.47 ng

RT: 5.16 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

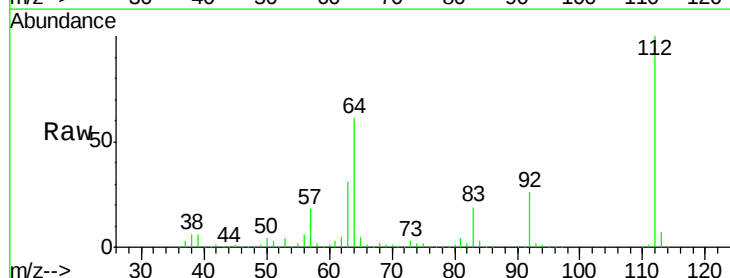
Tgt Ion:112 Resp: 1234211

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

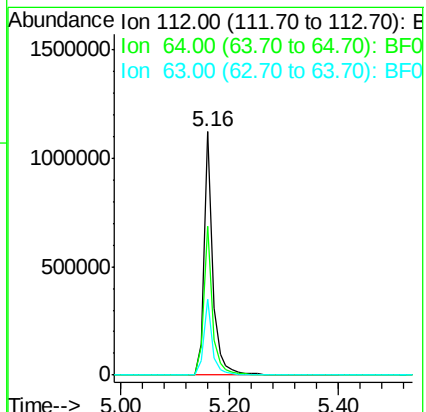
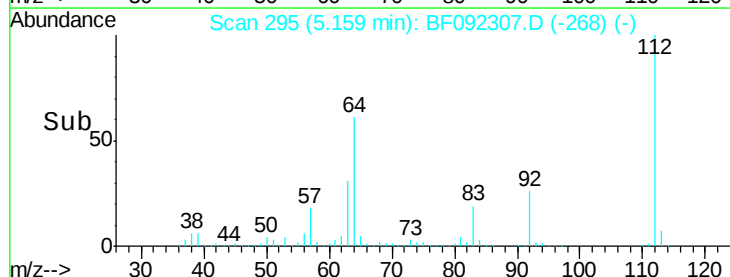
63 31.0 23.8 35.6



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: 137.32 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

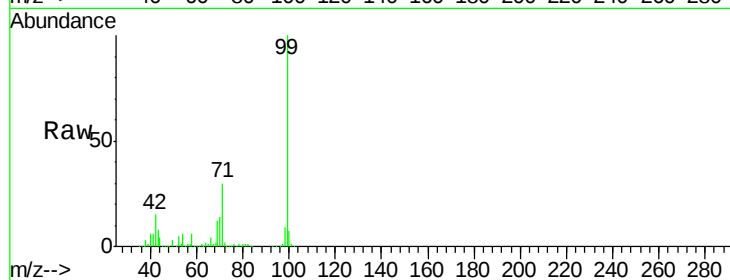
Tgt Ion: 99 Resp: 1662492

Ion Ratio Lower Upper

99 100

42 15.1 15.6 23.4#

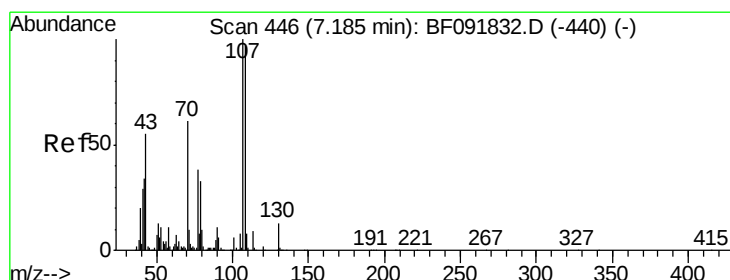
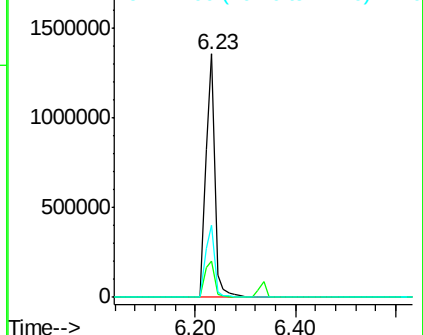
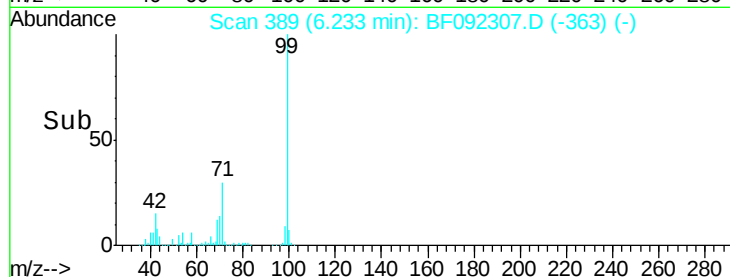
71 29.5 27.5 41.3



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: 17.15 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Tgt Ion: 70 Resp: 138120

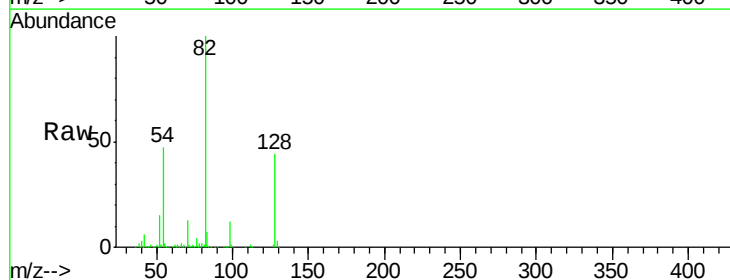
Ion Ratio Lower Upper

70 100

42 43.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

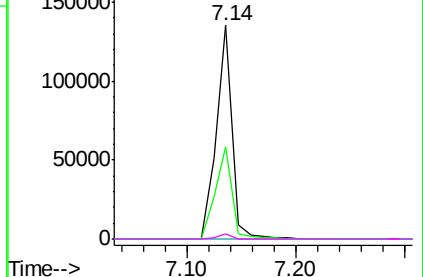
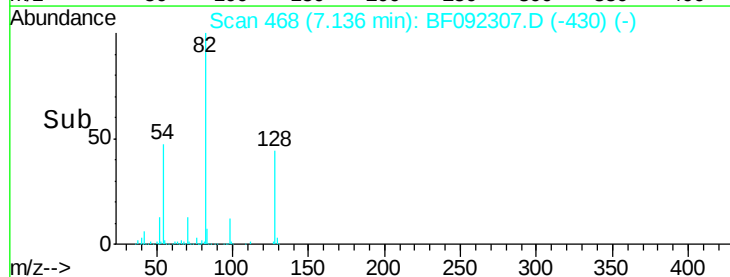


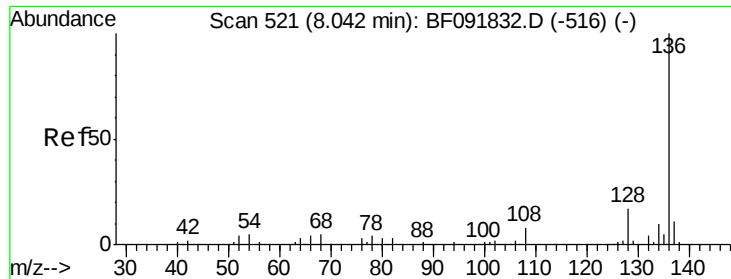
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

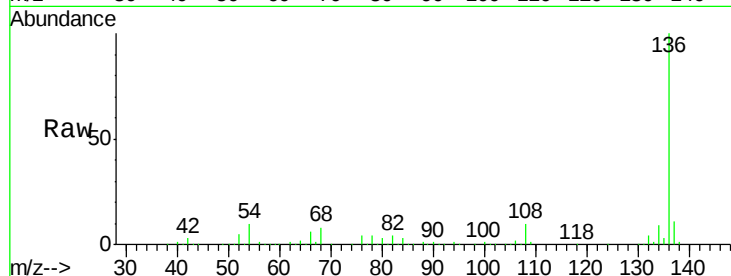




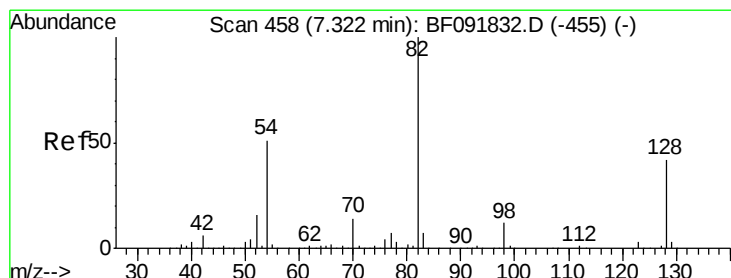
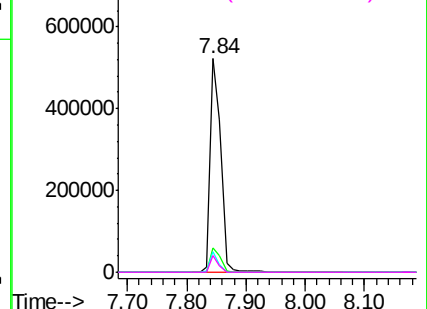
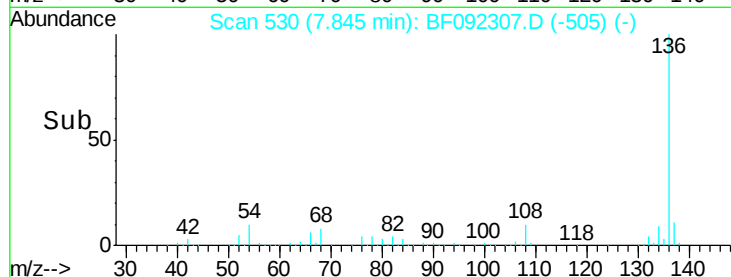
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:	136	Resp:	656214
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.7	3.6	5.4#

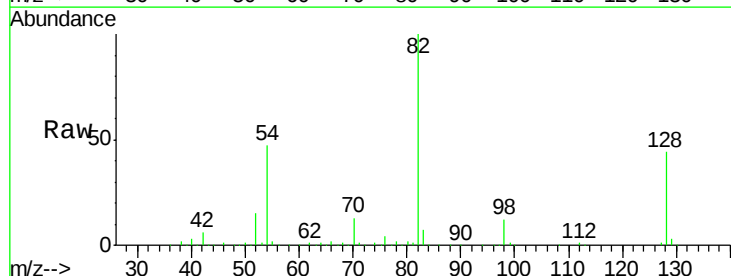


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

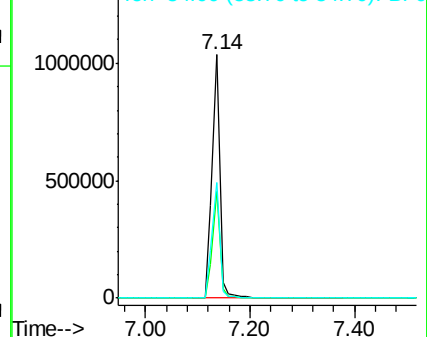
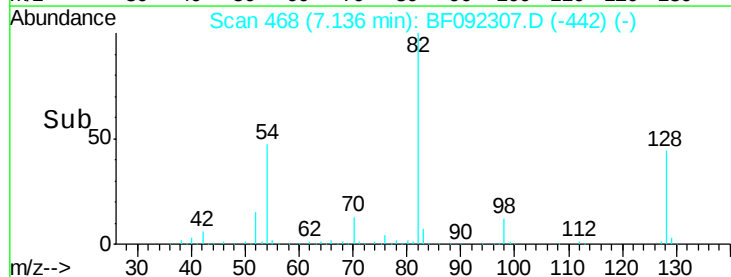


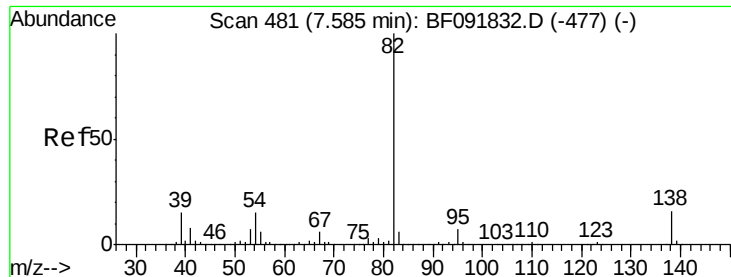
#23
Nitrobenzene-d5
Concen: 91.02 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:	82	Resp:	1074155
Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	47.4	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: 48.96 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.26 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

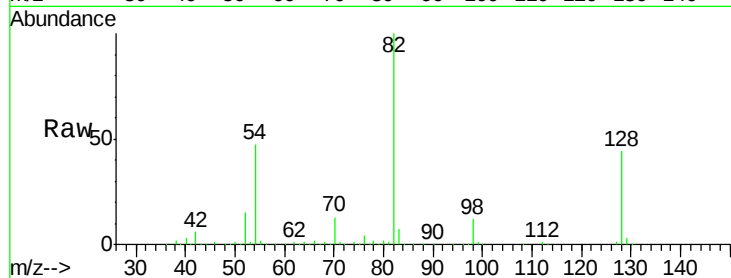
Tgt Ion: 82 Resp: 1065946

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

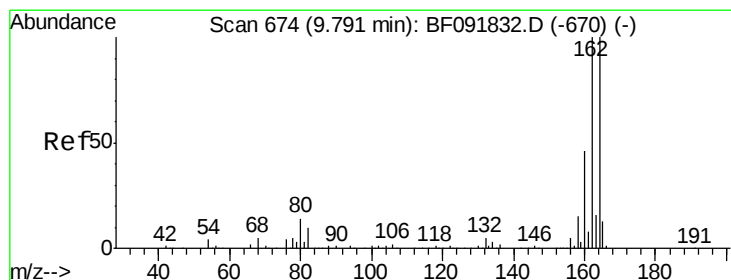
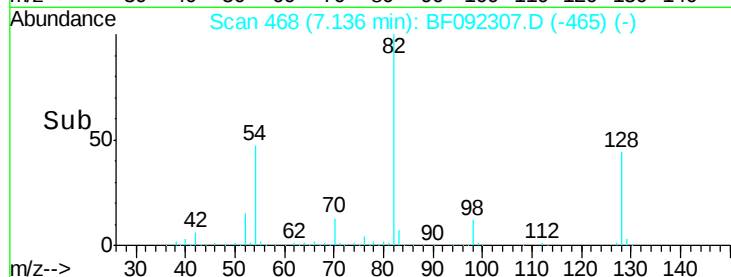
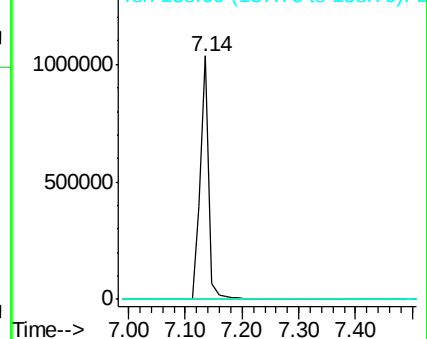
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

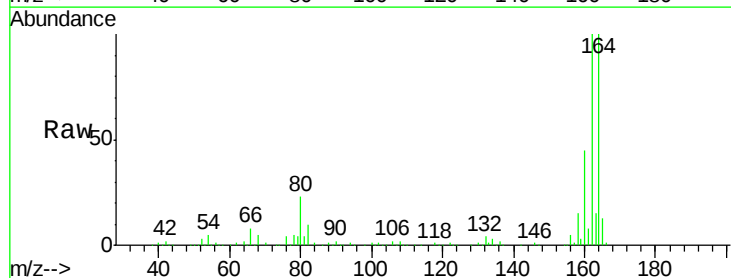
Tgt Ion: 164 Resp: 406844

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

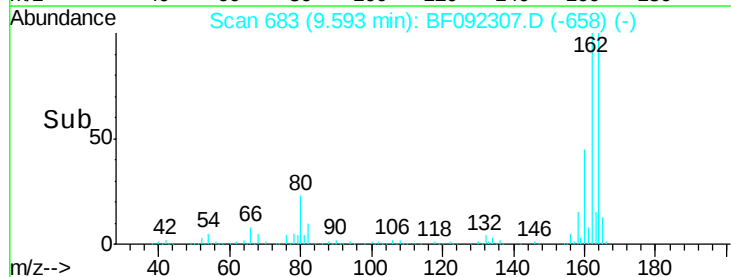
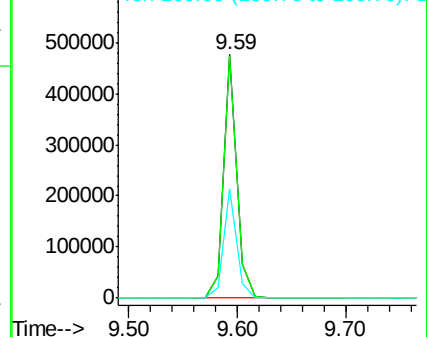
160 44.6 36.9 55.3

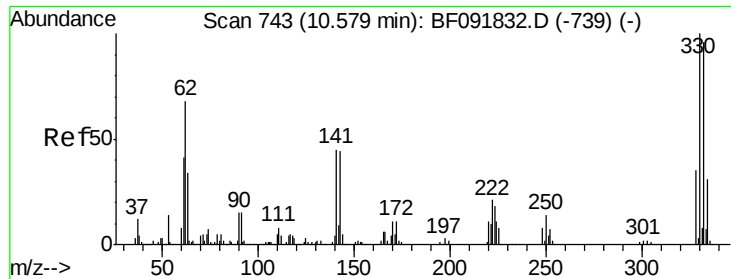


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

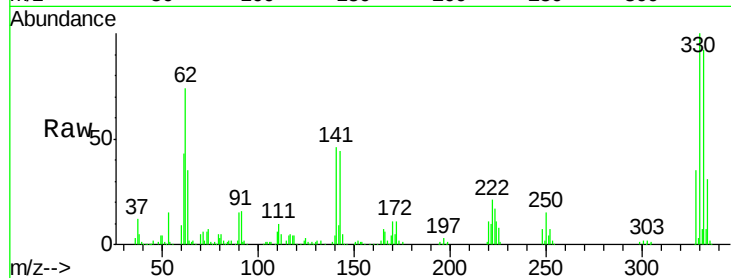




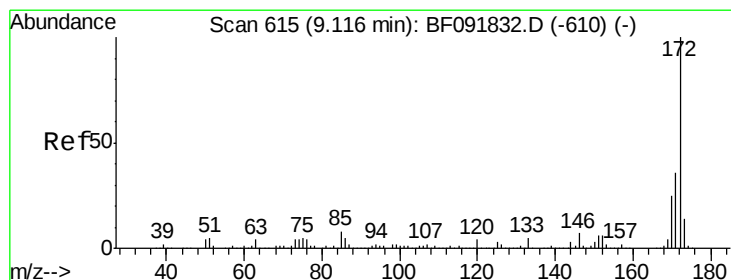
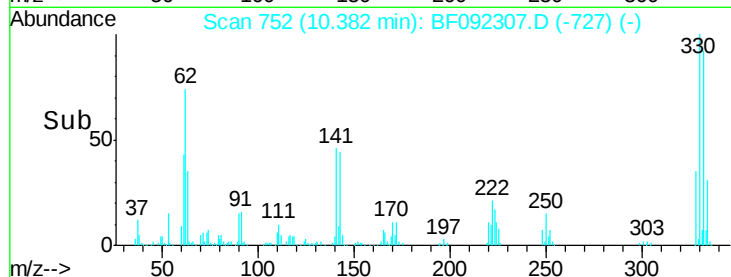
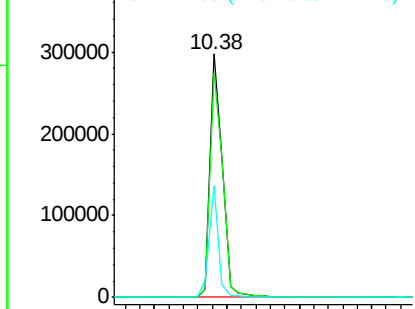
#41
 2,4,6-Tribromophenol
 Concen: 104.09 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012TB

Tgt Ion:330 Resp: 350480
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 35.6 34.1 51.1

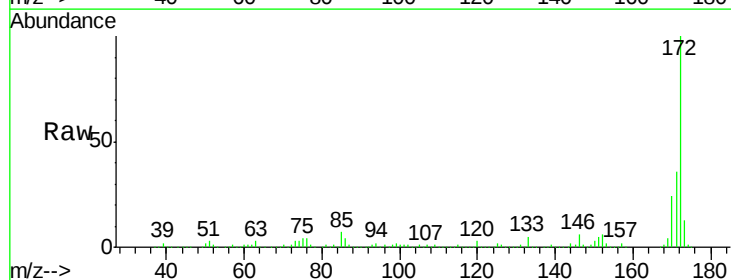


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

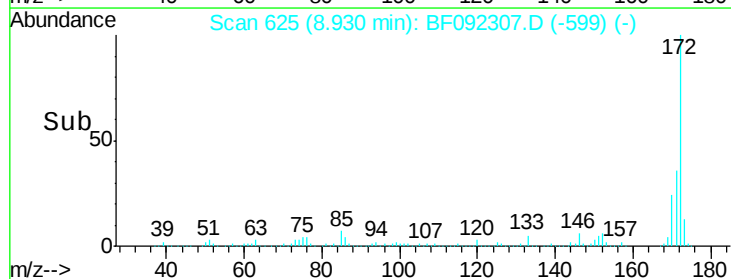
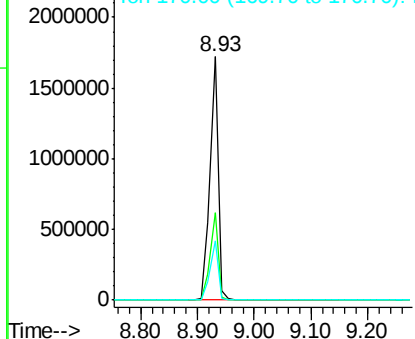


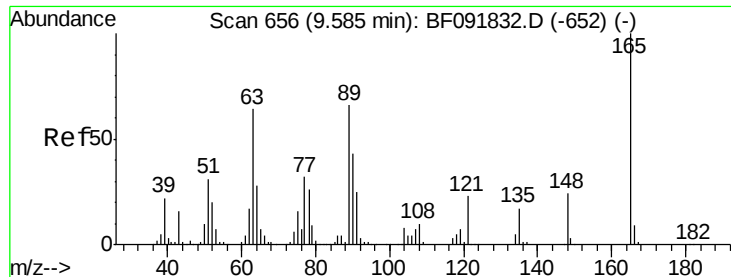
#44
 2-Fluorobiphenyl
 Concen: 81.77 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Tgt Ion:172 Resp: 1633357
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 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

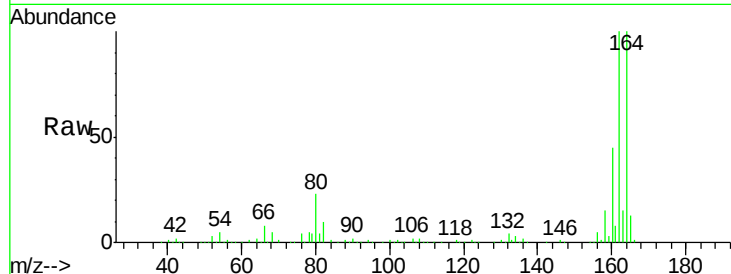




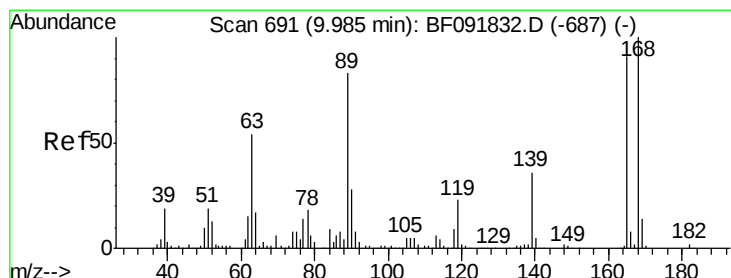
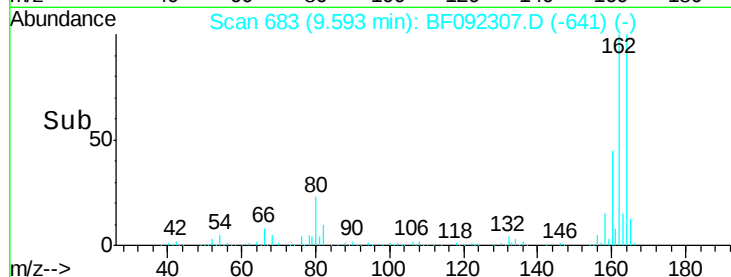
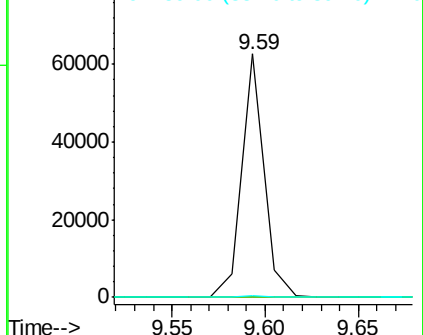
#50
 2,6-Dinitrotoluene
 Concen: 9.18 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96012TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.8	40.2	60.4#



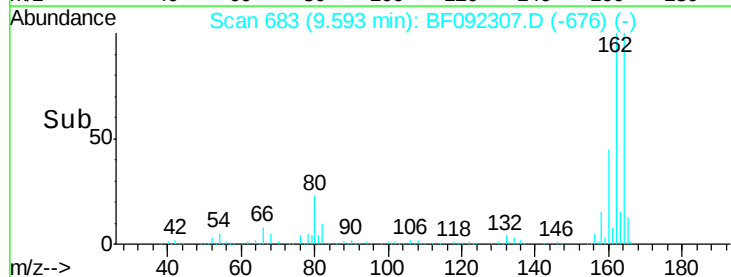
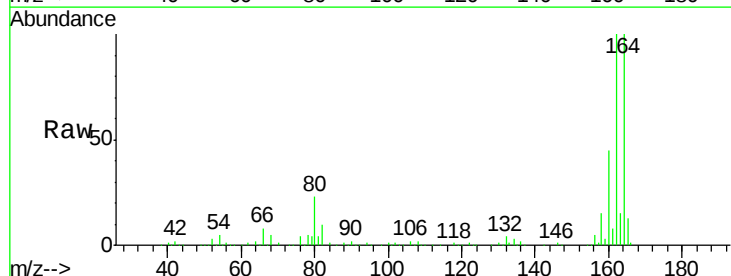
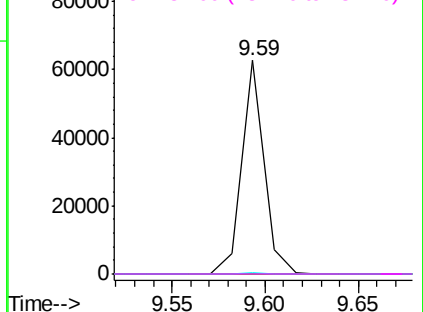
Abundance Ion 165.00 (164.70 to 165.70): E

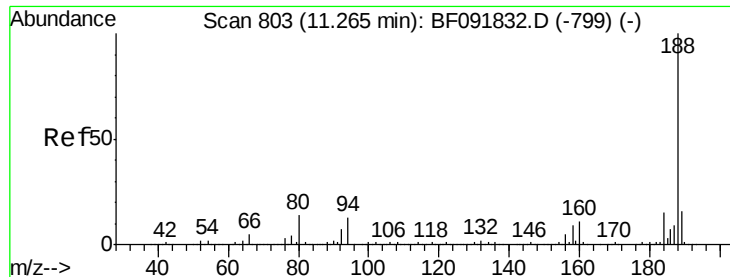


#56
 2,4-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF092307.D
 Acq: 17 Jan 2017 3:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

Abundance Ion 165.00 (164.70 to 165.70): E

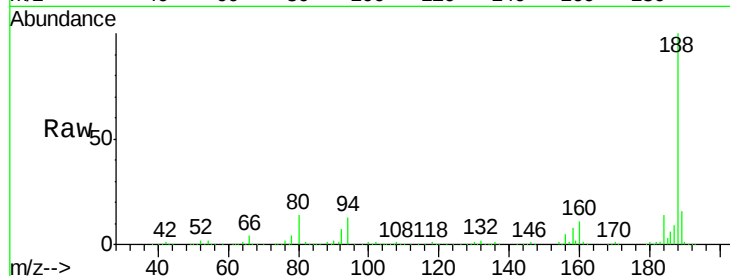




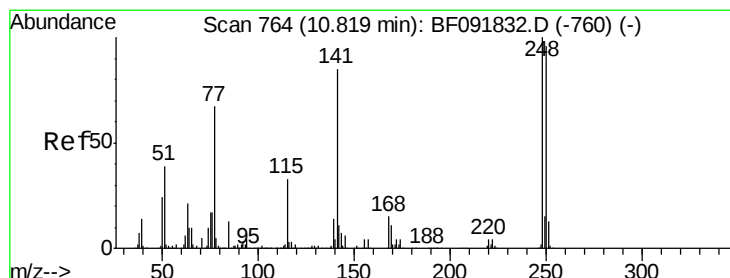
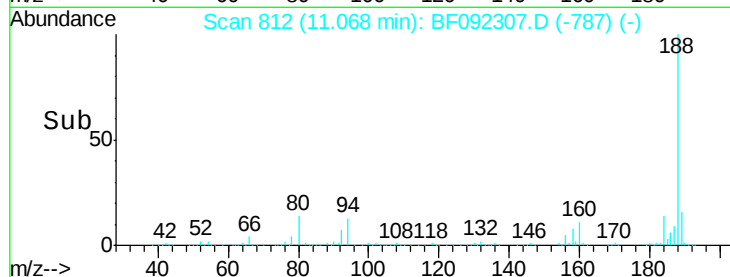
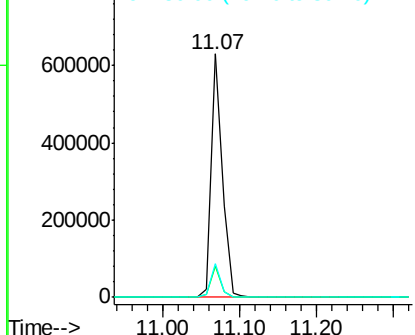
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:188 Resp: 624115
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.6 11.2 16.8

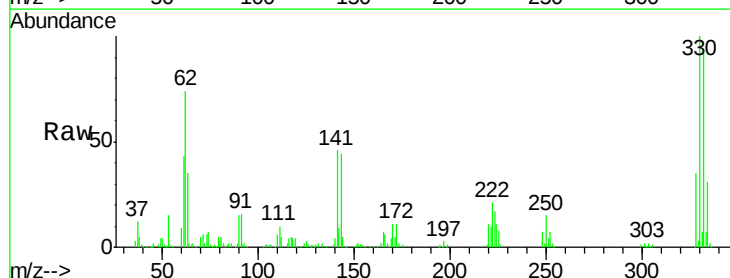


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

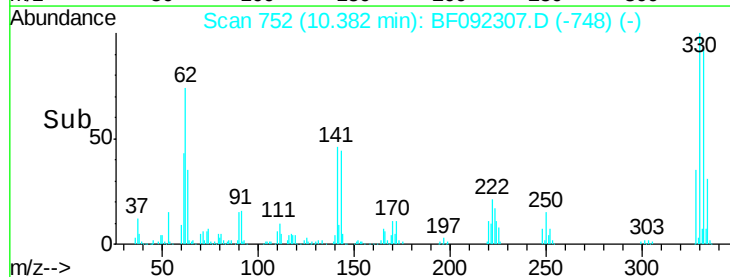
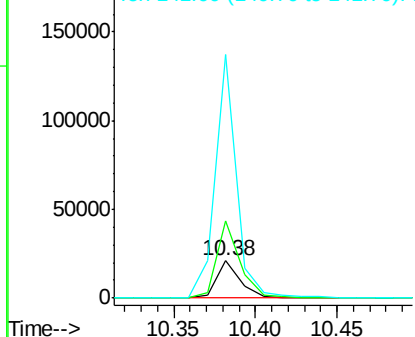


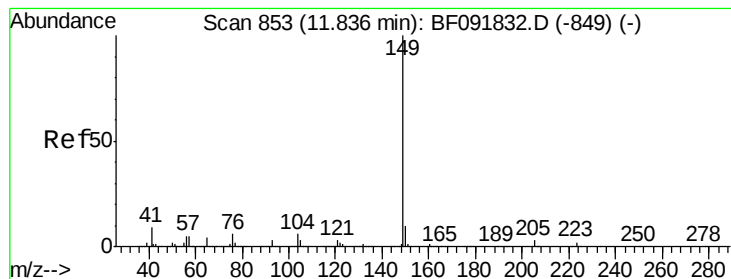
#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:248 Resp: 20603
Ion Ratio Lower Upper
248 100
250 207.5 76.9 115.3#
141 656.2 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: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

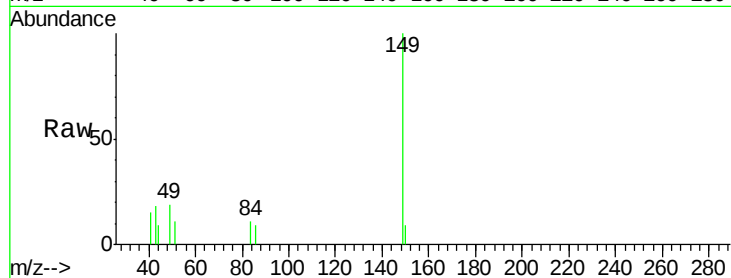
Tgt Ion:149 Resp: 3358

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

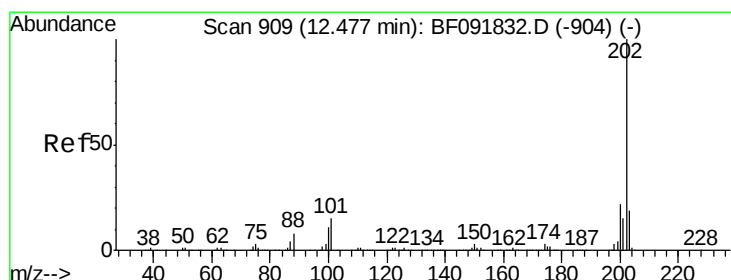
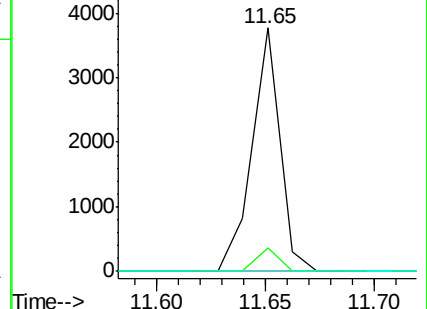
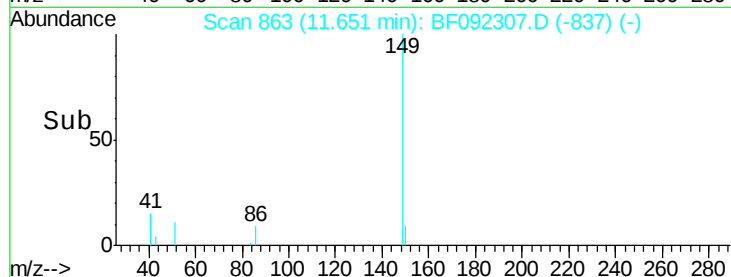
104 0.0 4.6 7.0#



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



#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

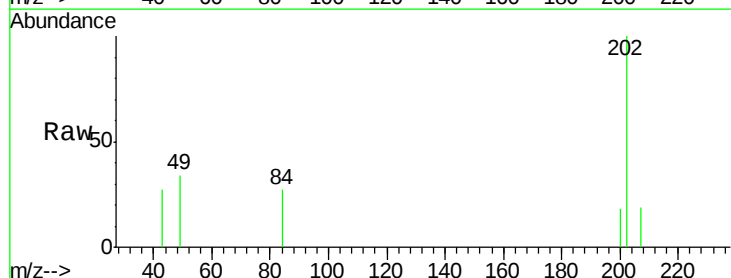
Tgt Ion:202 Resp: 1866

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

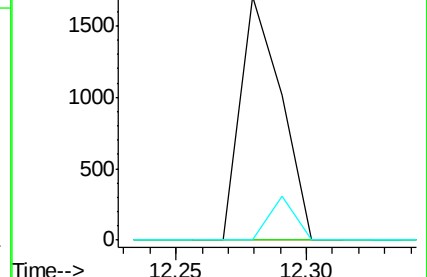
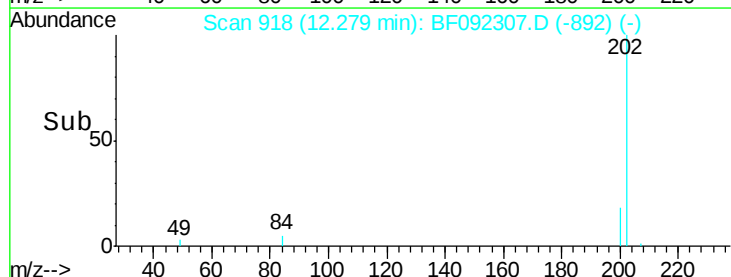
203 0.0 0.0 38.7

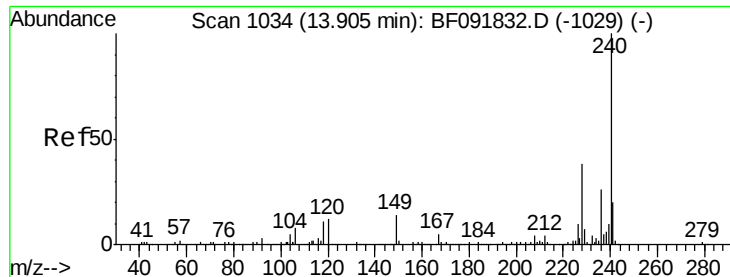


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

Instrument :

BNA_F

ClientSampleId :

PB96012TB

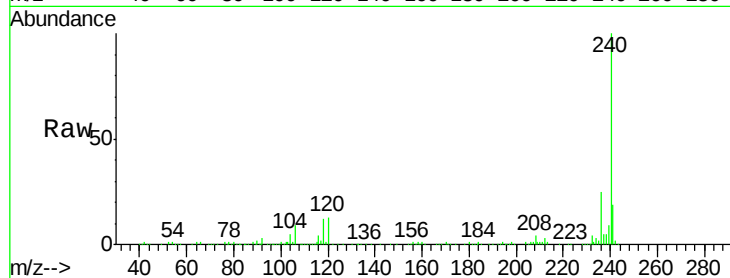
Tgt Ion:240 Resp: 389762

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

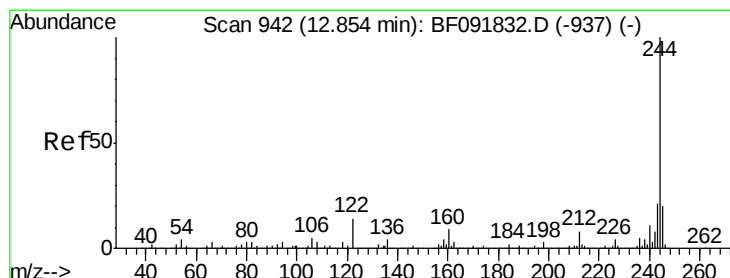
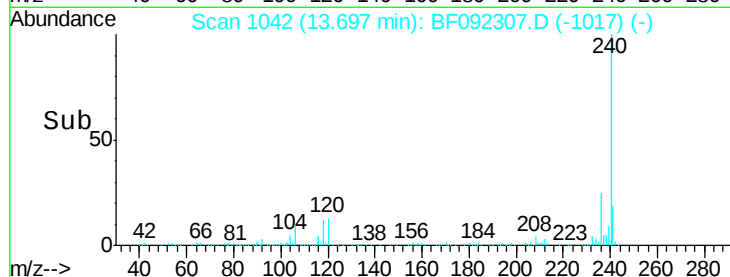
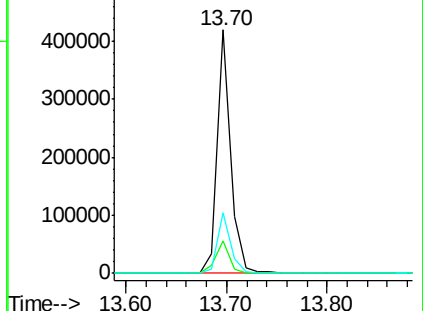
236 25.0 20.9 31.3



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: 81.33 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092307.D

Acq: 17 Jan 2017 3:45

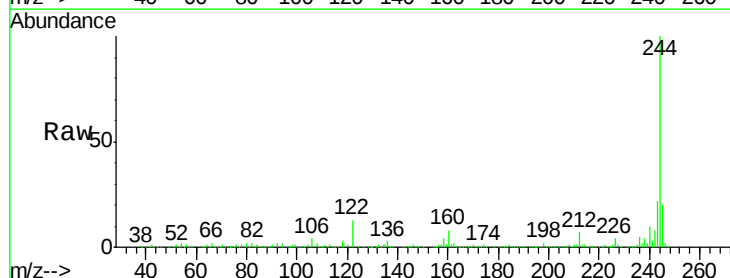
Tgt Ion:244 Resp: 1307038

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

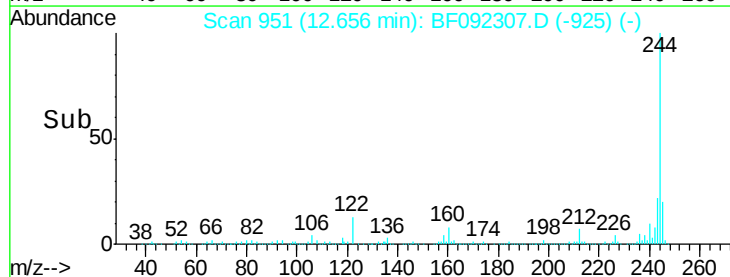
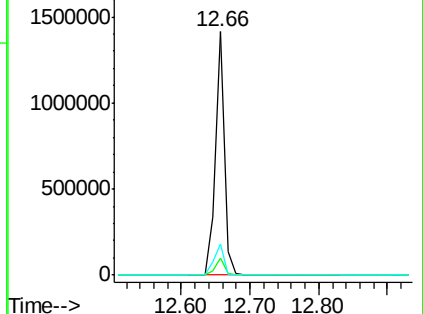
122 12.9 11.4 17.2

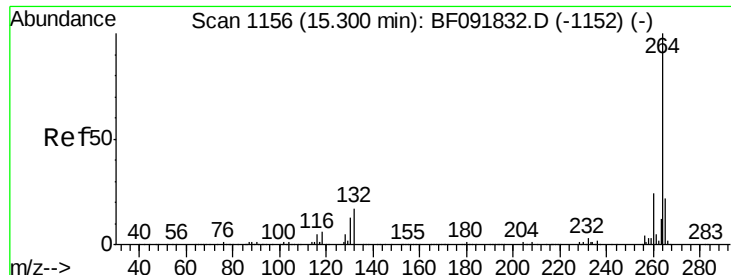


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

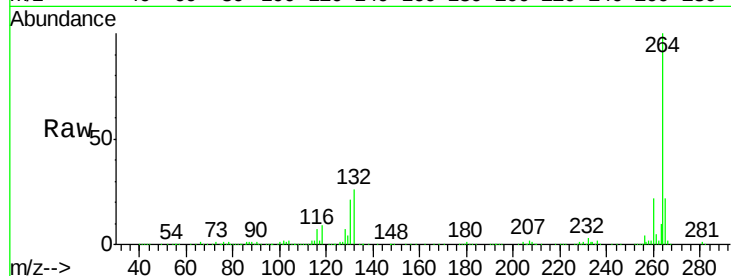




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

