

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092321.D
 Acq On : 17 Jan 2017 17:35
 Operator : UM/SJ
 Sample : PB96091BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BL

Quant Time: Jan 17 23:56:33 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

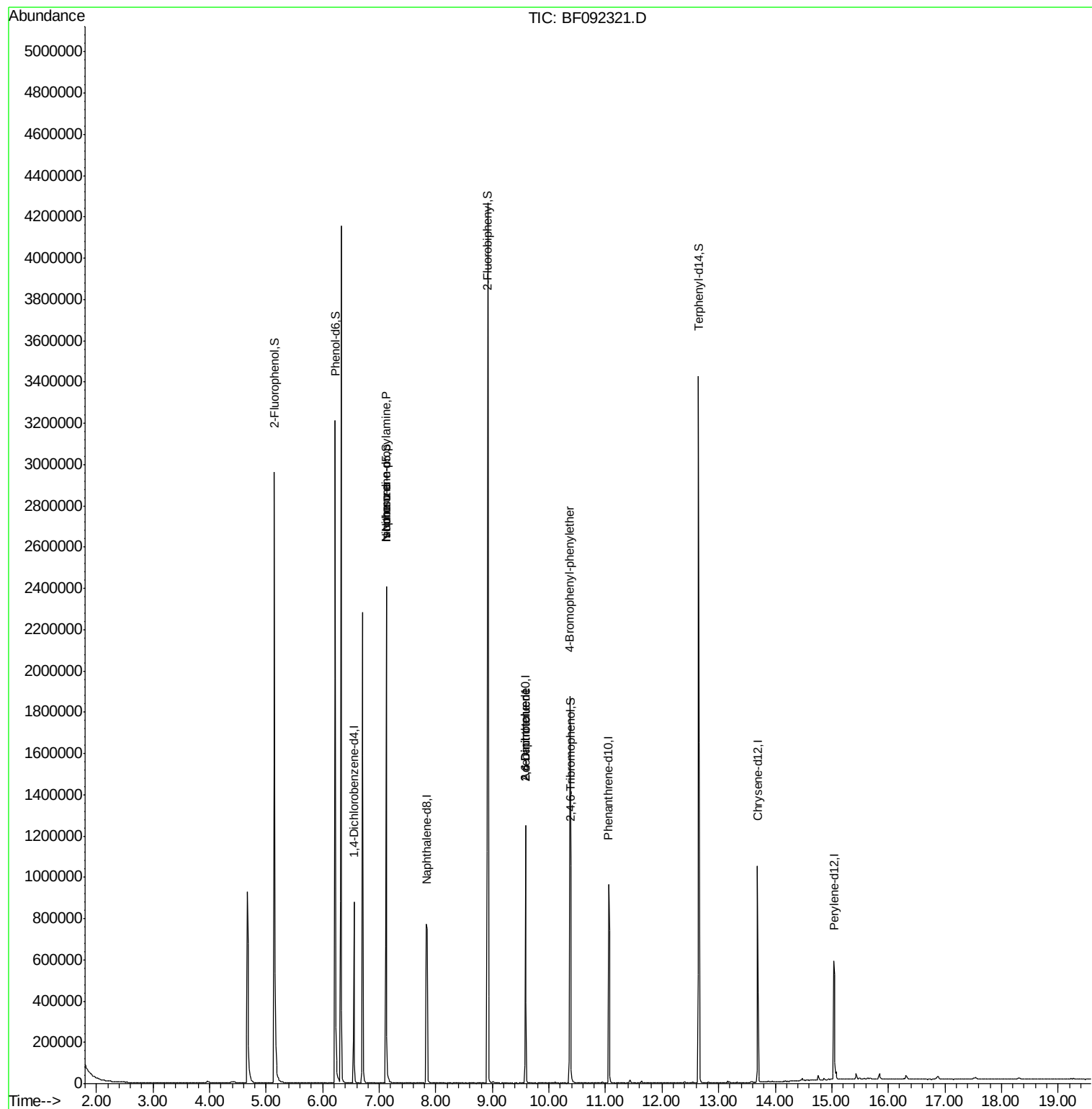
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	137055	20.00	ng	-0.09
21) Naphthalene-d8	7.84	136	560779	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	285065	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	488391	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	405442	20.00	ng	-0.10
86) Perylene-d12	15.05	264	314265	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1088193	132.57	ng	-0.09
7) Phenol-d6	6.22	99	1428580	142.55	ng	-0.09
23) Nitrobenzene-d5	7.12	82	836353	82.93	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	284156	120.45	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	1353039	99.44	ng	-0.09
78) Terphenyl-d14	12.65	244	1307174	78.19	ng	-0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	110676	16.60	ng	# 76
25) Isophorone	7.12	82	665200	35.75	ng	# 65
50) 2,6-Dinitrotoluene	9.58	165	35849	8.98	ng	# 31
56) 2,4-Dinitrotoluene	9.58	165	35851	7.16	ng	# 20
66) 4-Bromophenyl-phenylether	10.37	248	16208	3.19	ng	# 1
73) Di-n-butylphthalate	11.64	149	10793	Below Cal	#	90
76) Benzidine	12.42	184	1733	Below Cal	#	65

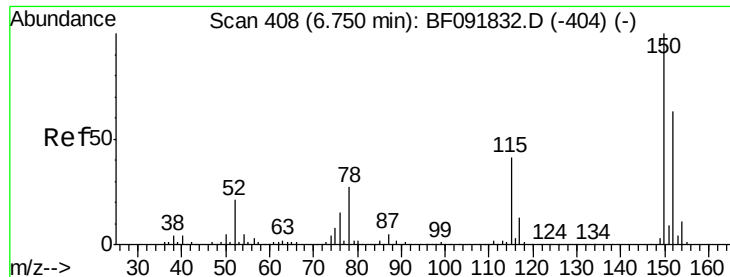
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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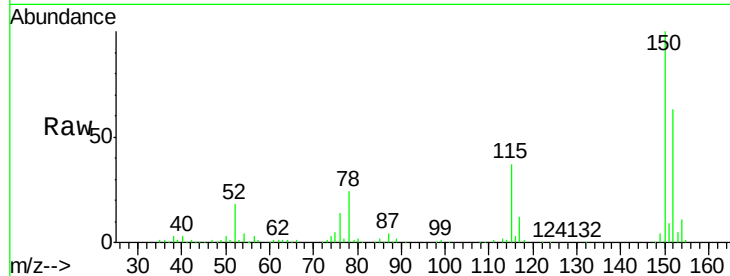


#1

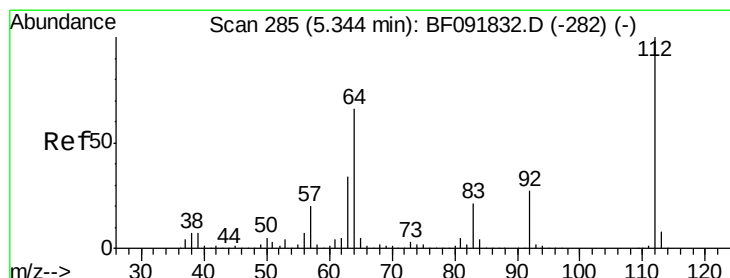
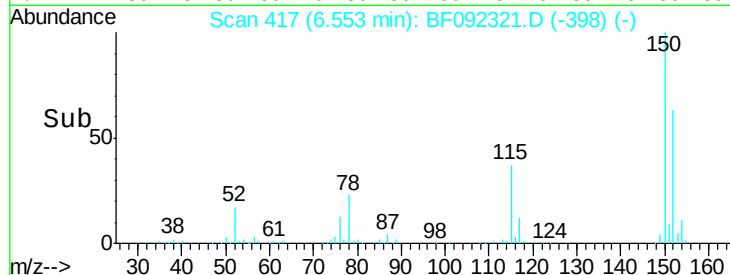
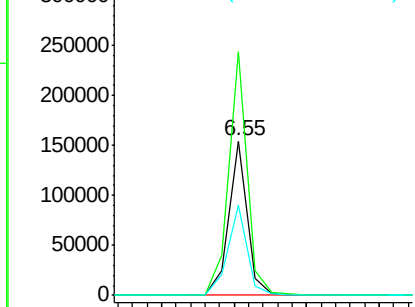
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 417
 Delta R.T. -0.09 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BL

Tgt Ion:152 Resp: 137055
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.9 187.3
 115 58.5 46.0 69.0



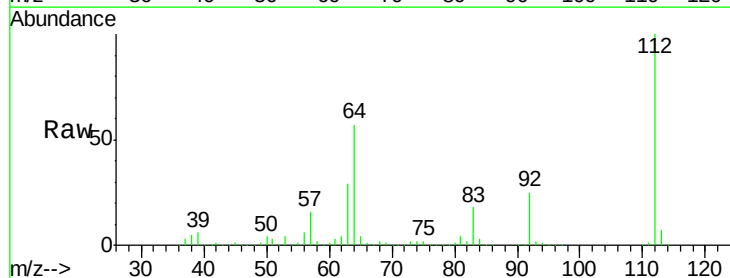
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



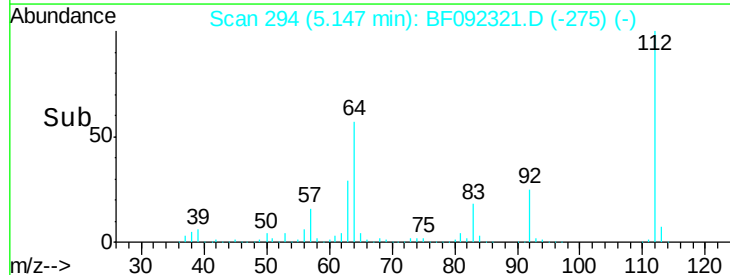
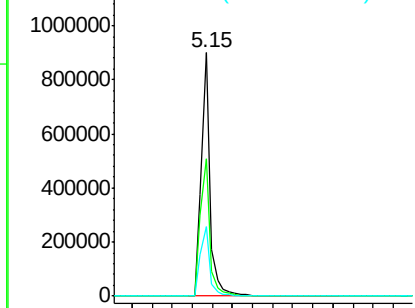
#5

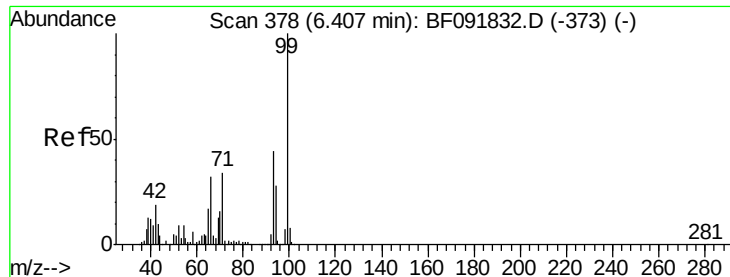
2-Fluorophenol
 Concen: 132.57 ng
 RT: 5.15 min Scan# 294
 Delta R.T. -0.09 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Tgt Ion:112 Resp: 1088193
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.1 69.1
 63 28.6 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: 142.55 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB96061BL

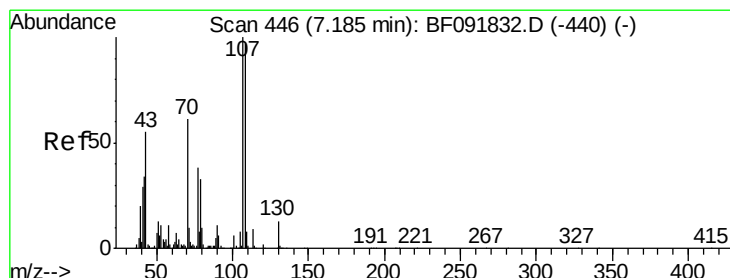
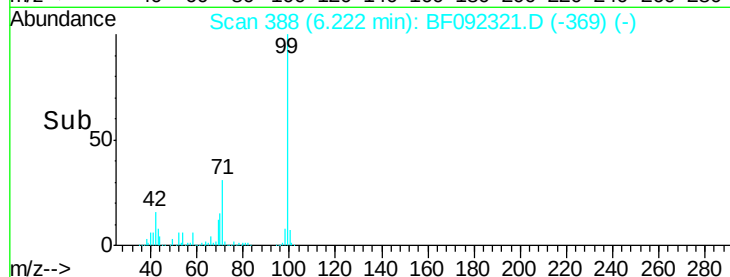
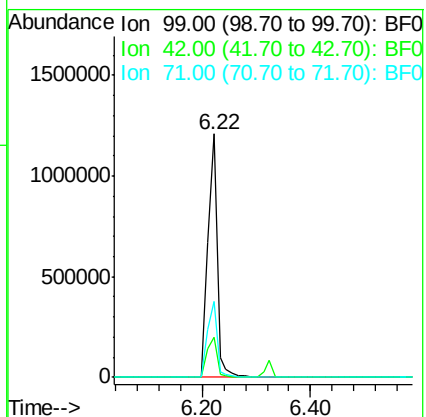
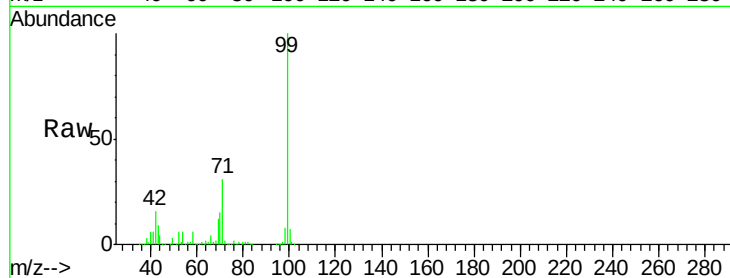
Tgt Ion: 99 Resp: 1428580

Ion Ratio Lower Upper

99 100

42 16.3 15.6 23.4

71 31.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.60 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

Tgt Ion: 70 Resp: 110676

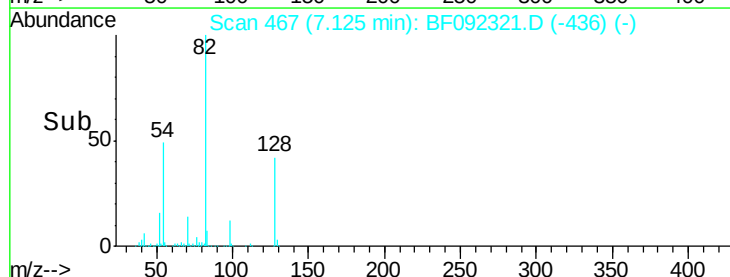
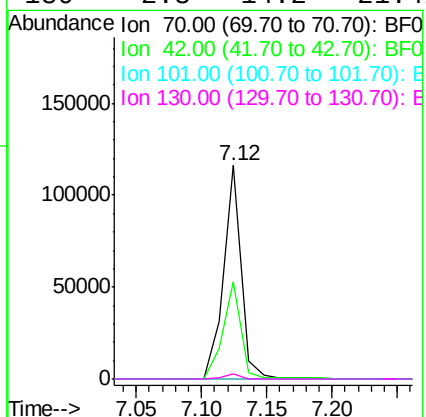
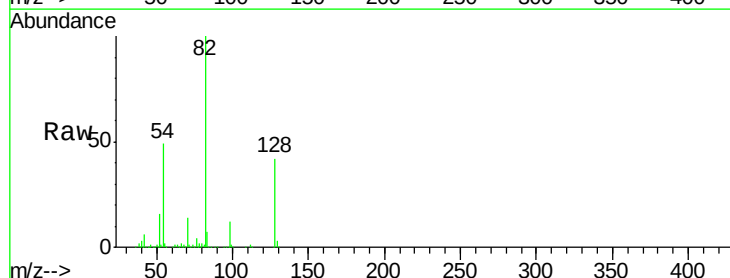
Ion Ratio Lower Upper

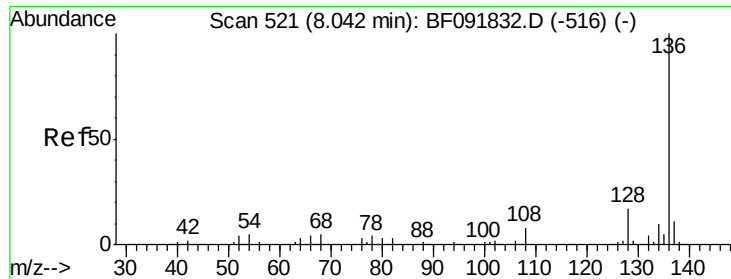
70 100

42 45.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

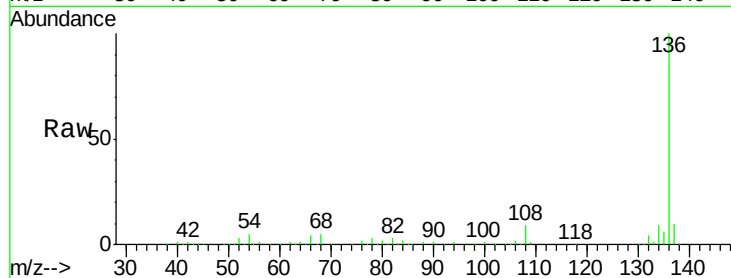




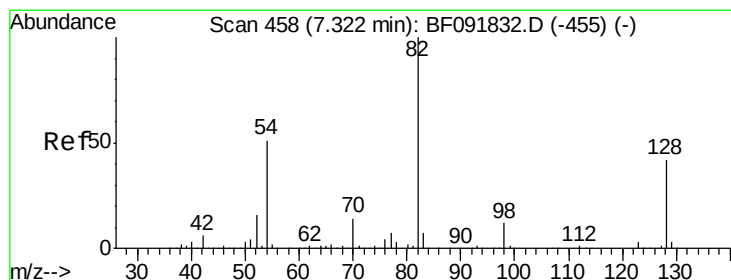
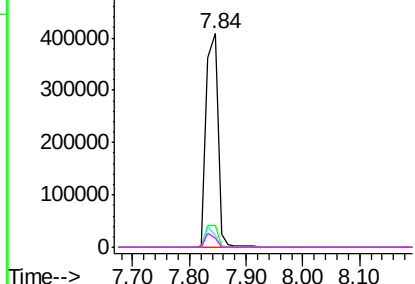
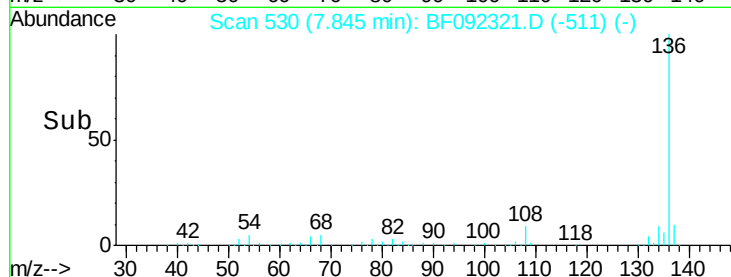
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092321.D
Acq: 17 Jan 2017 17:35

Instrument :
BNA_F
ClientSampleId :
PB96061BL

Tgt Ion:	136	Resp:	560779
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	5.4	4.5	6.7
68	4.5	3.6	5.4

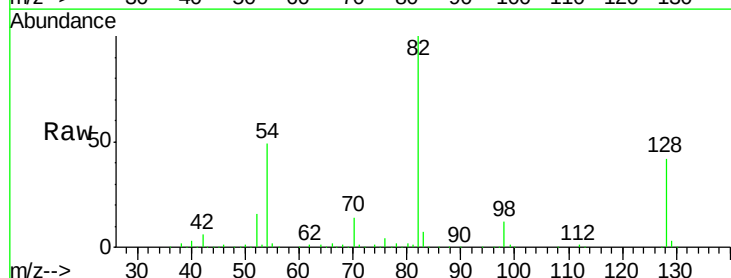


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

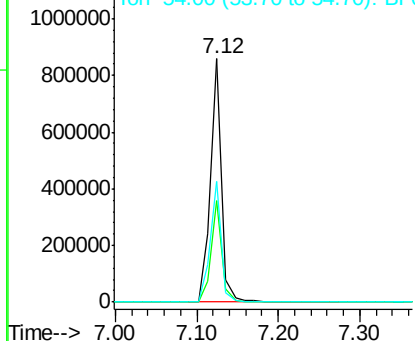
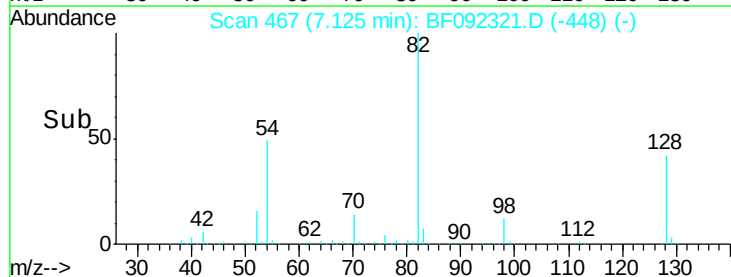


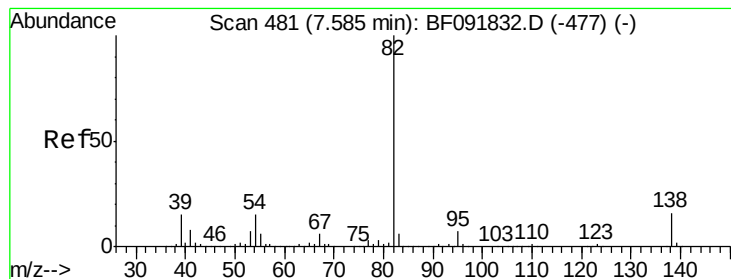
#23
Nitrobenzene-d5
Concen: 82.93 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.09 min
Lab File: BF092321.D
Acq: 17 Jan 2017 17:35

Tgt Ion:	82	Resp:	836353
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	49.4	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: 35.75 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.35 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB96061BL

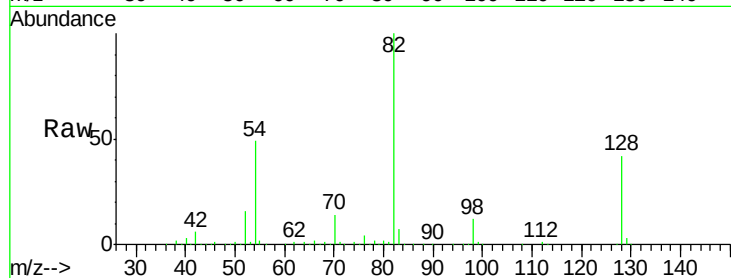
Tgt Ion: 82 Resp: 665200

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

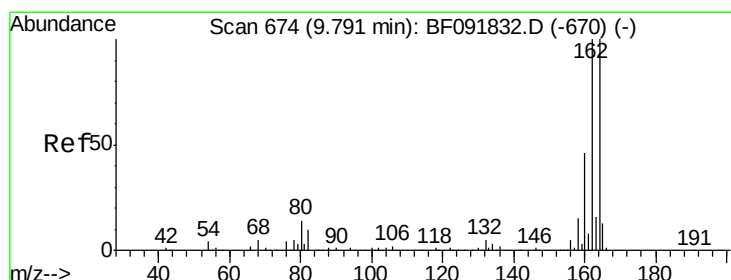
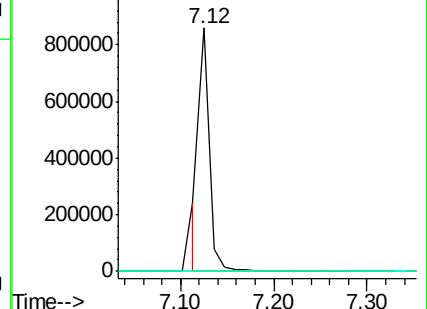
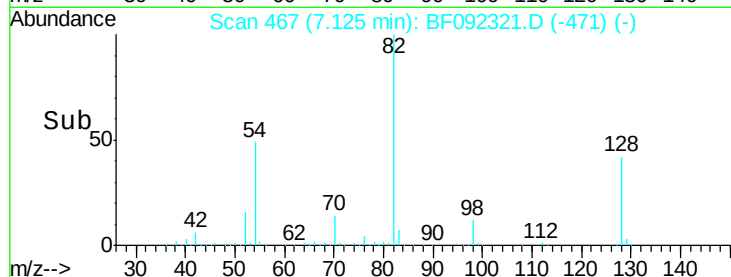
138 0.0 14.6 22.0#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.10 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

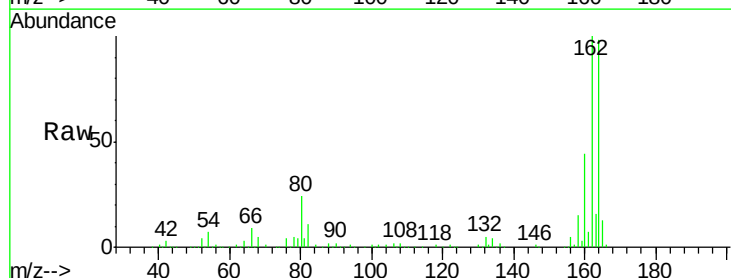
Tgt Ion: 164 Resp: 285065

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

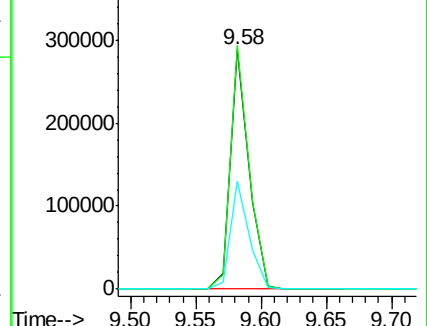
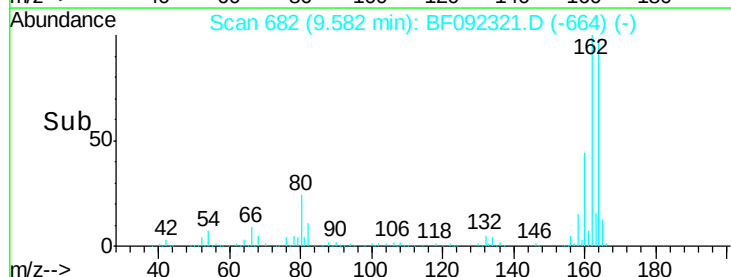
160 44.9 36.9 55.3

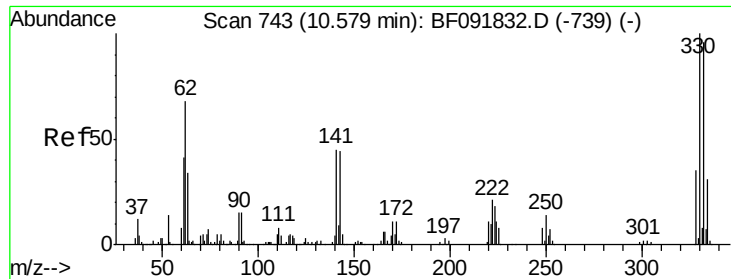


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

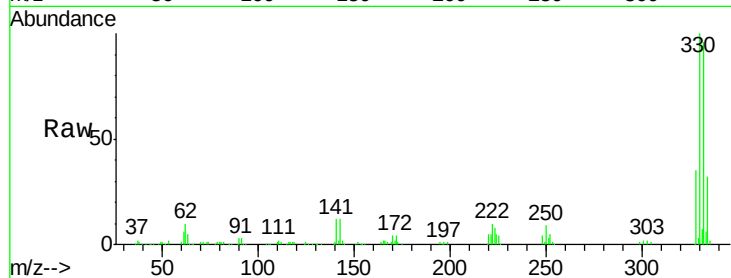




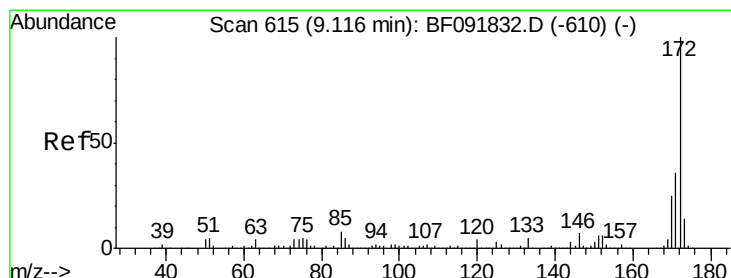
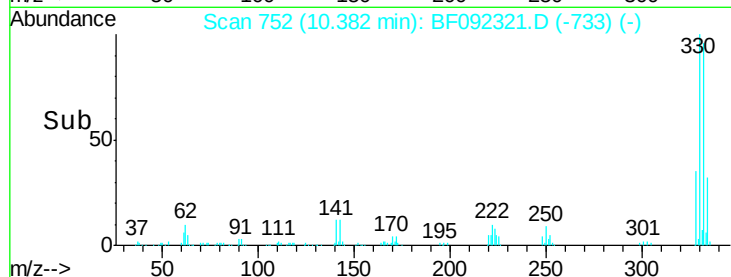
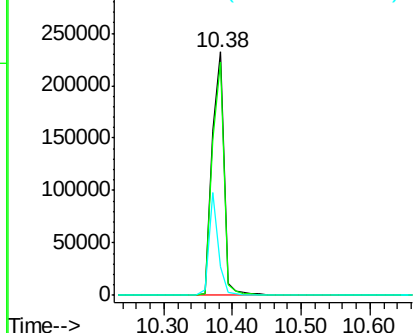
#41
 2,4,6-Tribromophenol
 Concen: 120.45 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB96061BL

Tgt Ion:330 Resp: 284156
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 32.9 34.1 51.1#

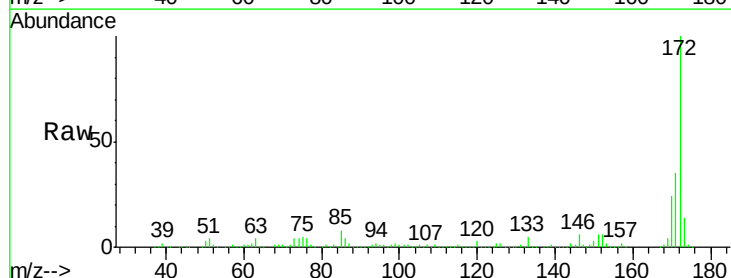


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

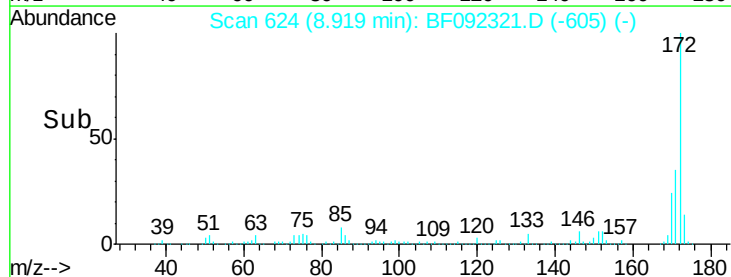
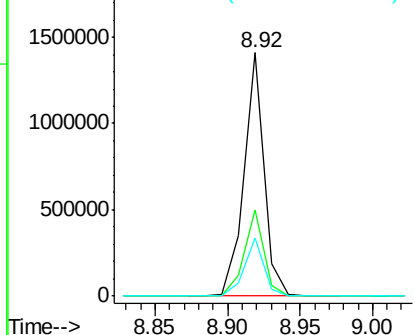


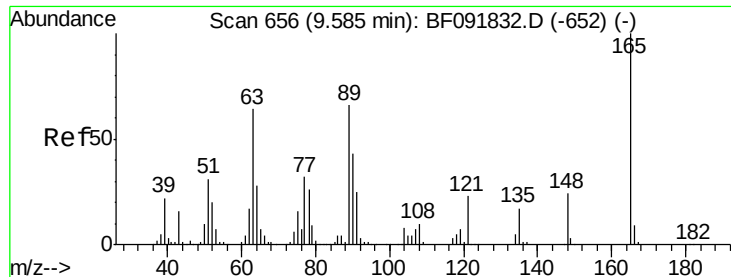
#44
 2-Fluorobiphenyl
 Concen: 99.44 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Tgt Ion:172 Resp: 1353039
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.9 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: 8.98 ng

RT: 9.58 min Scan# 682

Delta R.T. 0.11 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB96061BL

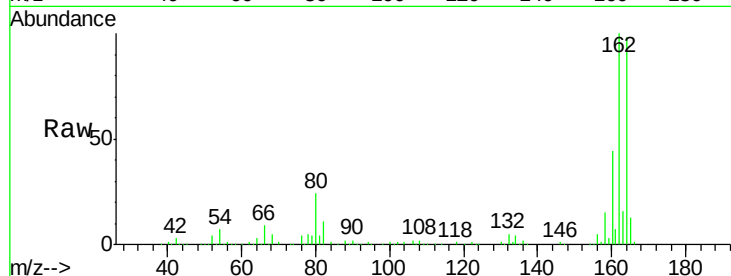
Tgt Ion:165 Resp: 35849

Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

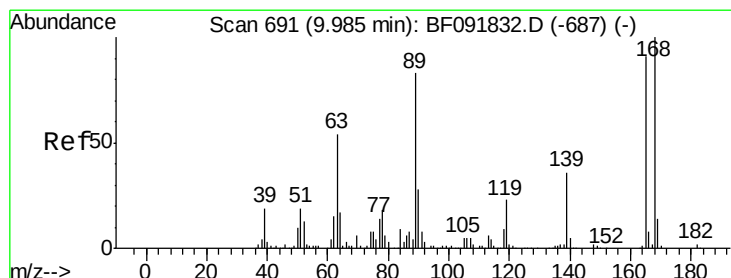
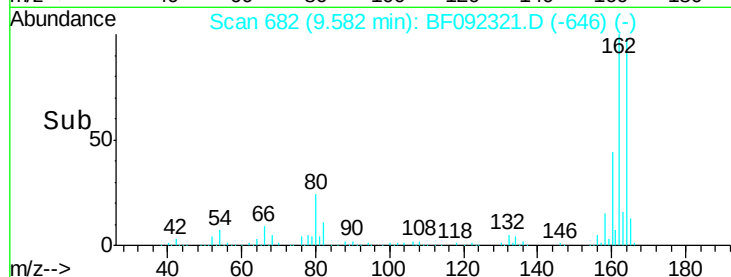
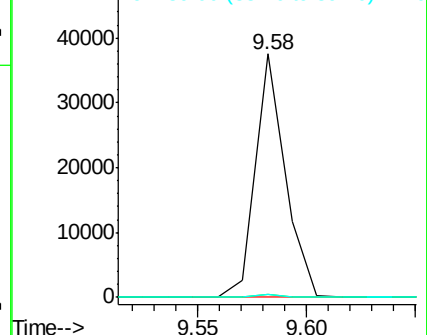
89 1.0 40.2 60.4#



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



#56

2,4-Dinitrotoluene

Concen: 7.16 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.31 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

Tgt Ion:165 Resp: 35851

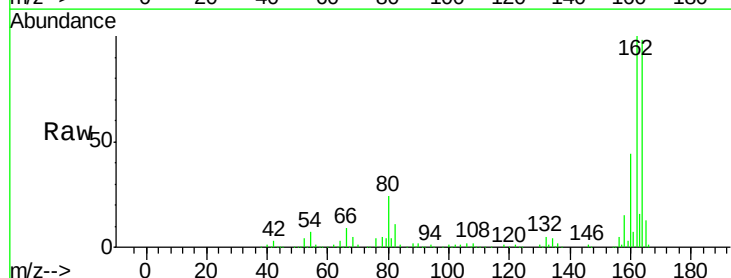
Ion Ratio Lower Upper

165 100

63 1.2 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

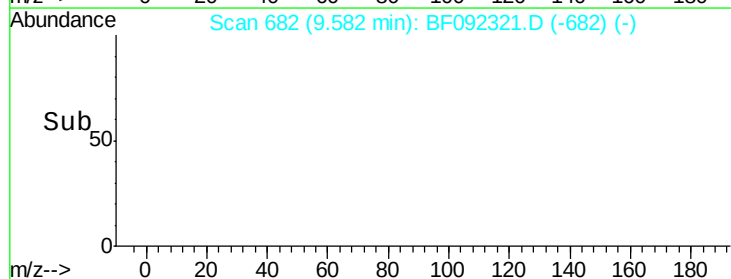
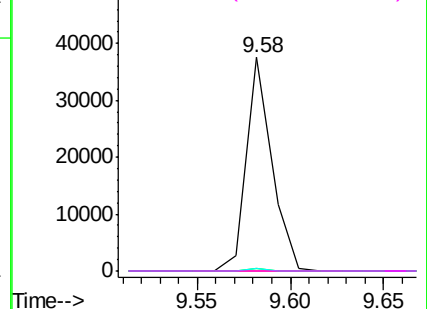


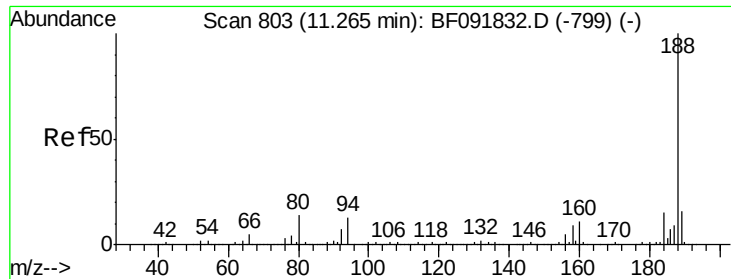
Abundance Ion 165.00 (164.70 to 165.70): E

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

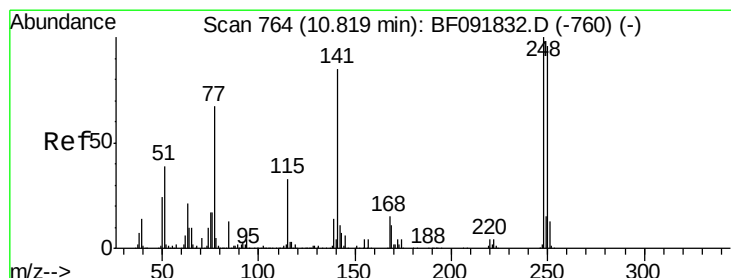
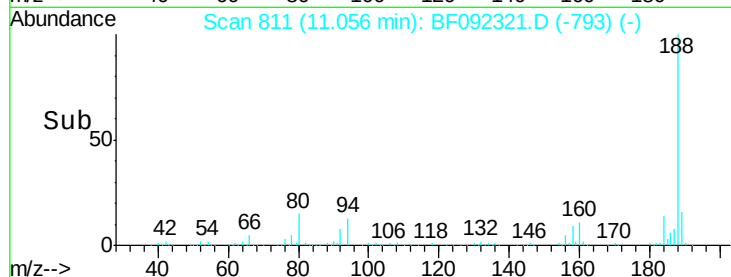
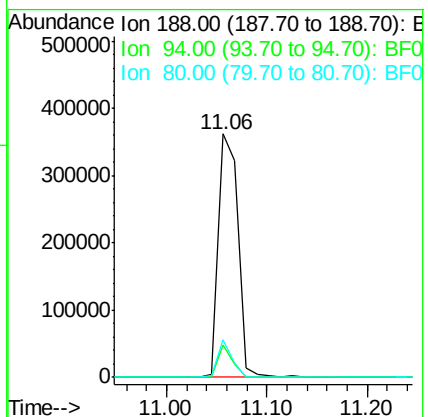
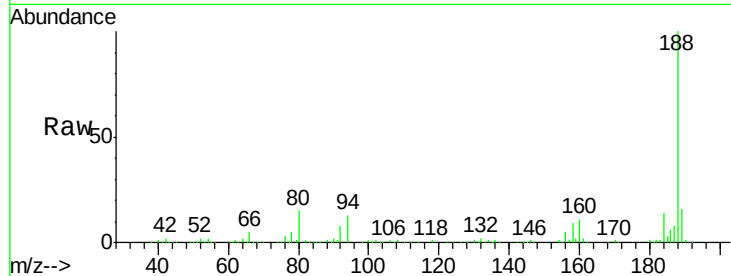




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 811
 Delta R.T. -0.10 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

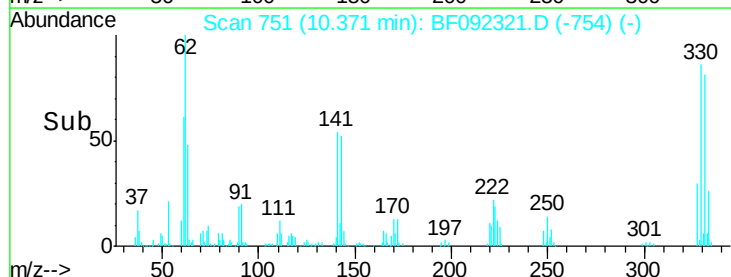
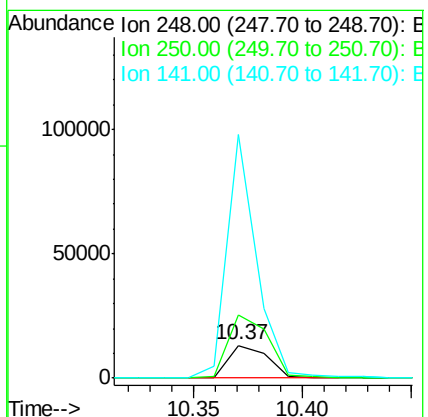
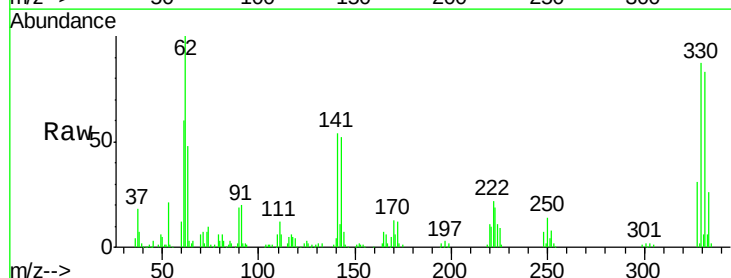
Instrument :
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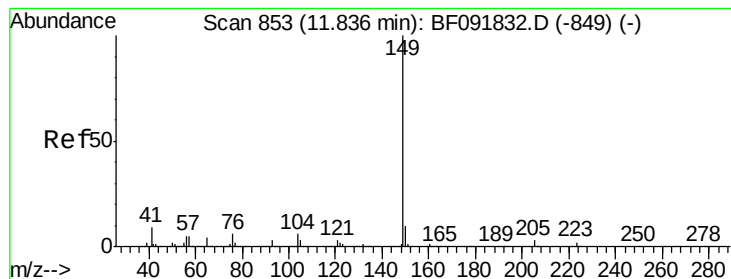
Tgt Ion:188 Resp: 488391
 Ion Ratio Lower Upper
 188 100
 94 13.5 10.0 15.0
 80 15.2 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.37 min Scan# 751
 Delta R.T. -0.34 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Tgt Ion:248 Resp: 16208
 Ion Ratio Lower Upper
 248 100
 250 193.6 76.9 115.3#
 141 739.7 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

Instrument :

BNA_F

ClientSampleId :

PB96061BL

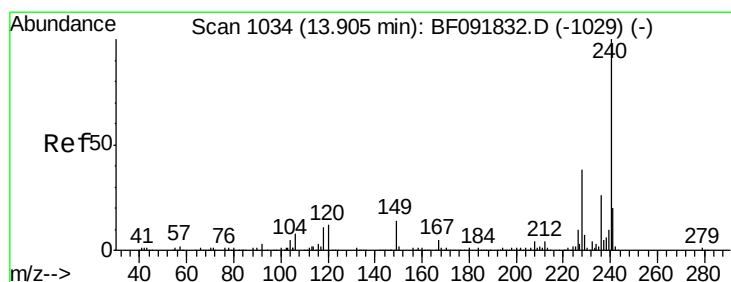
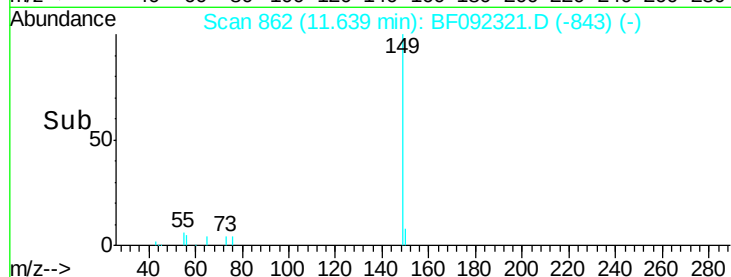
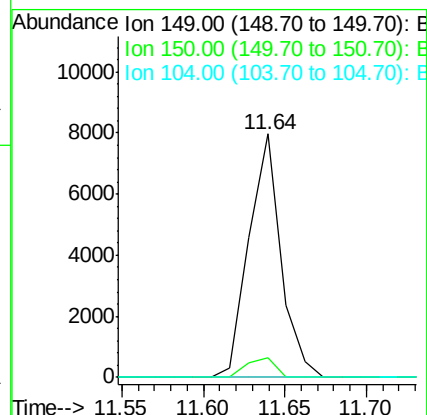
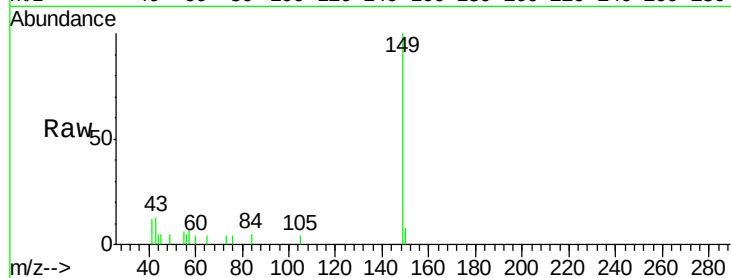
Tgt Ion:149 Resp: 10793

Ion Ratio Lower Upper

149 100

150 7.9 8.1 12.1#

104 0.0 4.6 7.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092321.D

Acq: 17 Jan 2017 17:35

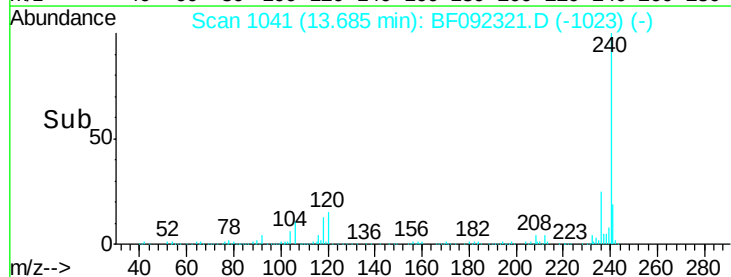
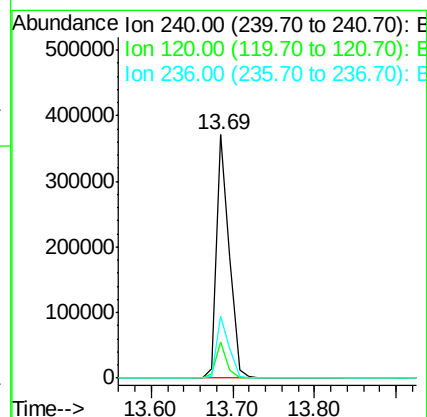
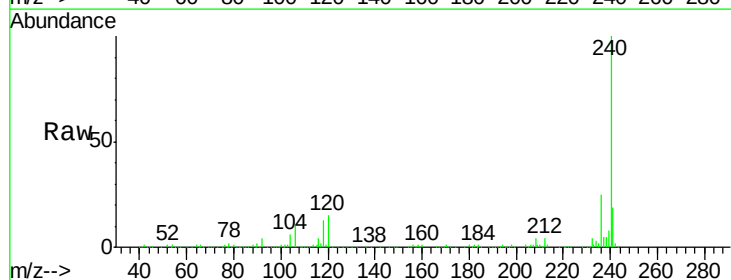
Tgt Ion:240 Resp: 405442

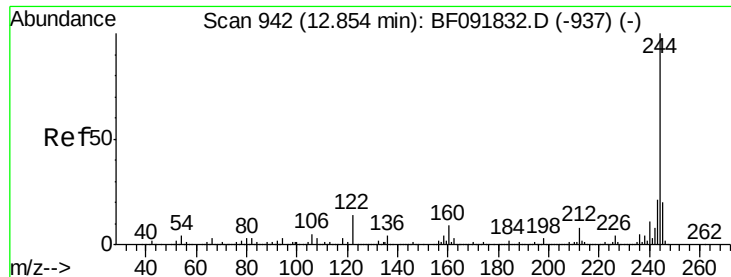
Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

236 25.3 20.9 31.3

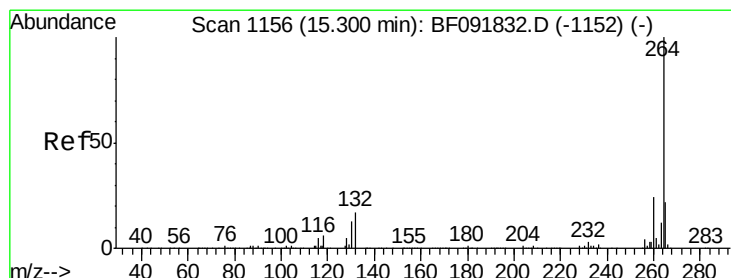
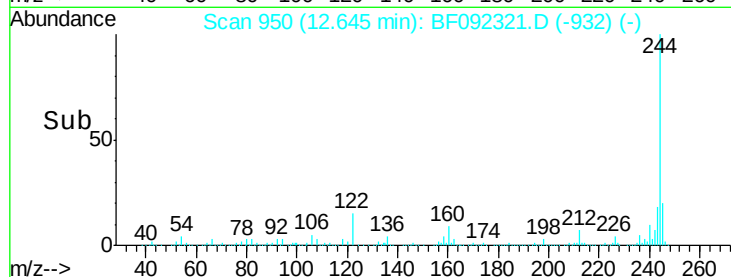
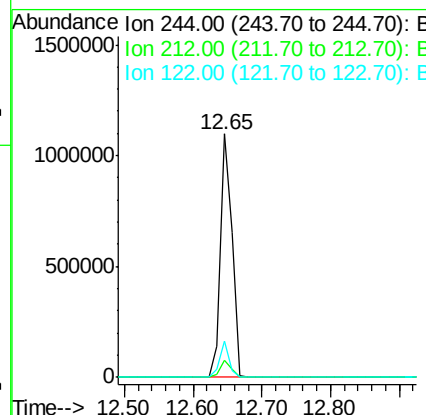
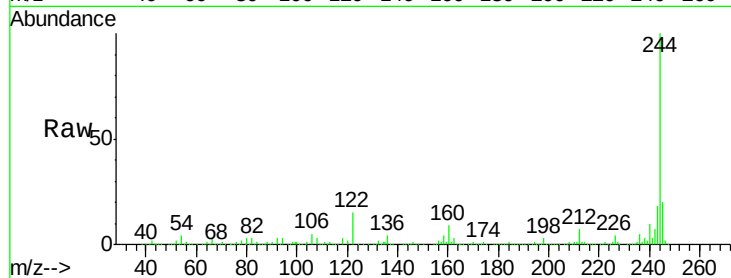




#78
 Terphenyl-d14
 Concen: 78.19 ng
 RT: 12.65 min Scan# 950
 Delta R.T. -0.10 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Instrument :
 BNA_F
 ClientSampled :
 PB96061BL

Tgt Ion:244 Resp: 1307174
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 15.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.10 min
 Lab File: BF092321.D
 Acq: 17 Jan 2017 17:35

Tgt Ion:264 Resp: 314265
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.1 17.4 26.0

