

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092333.D
 Acq On : 17 Jan 2017 23:21
 Operator : UM/SJ
 Sample : I1242-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-42

Quant Time: Jan 18 00:01:07 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

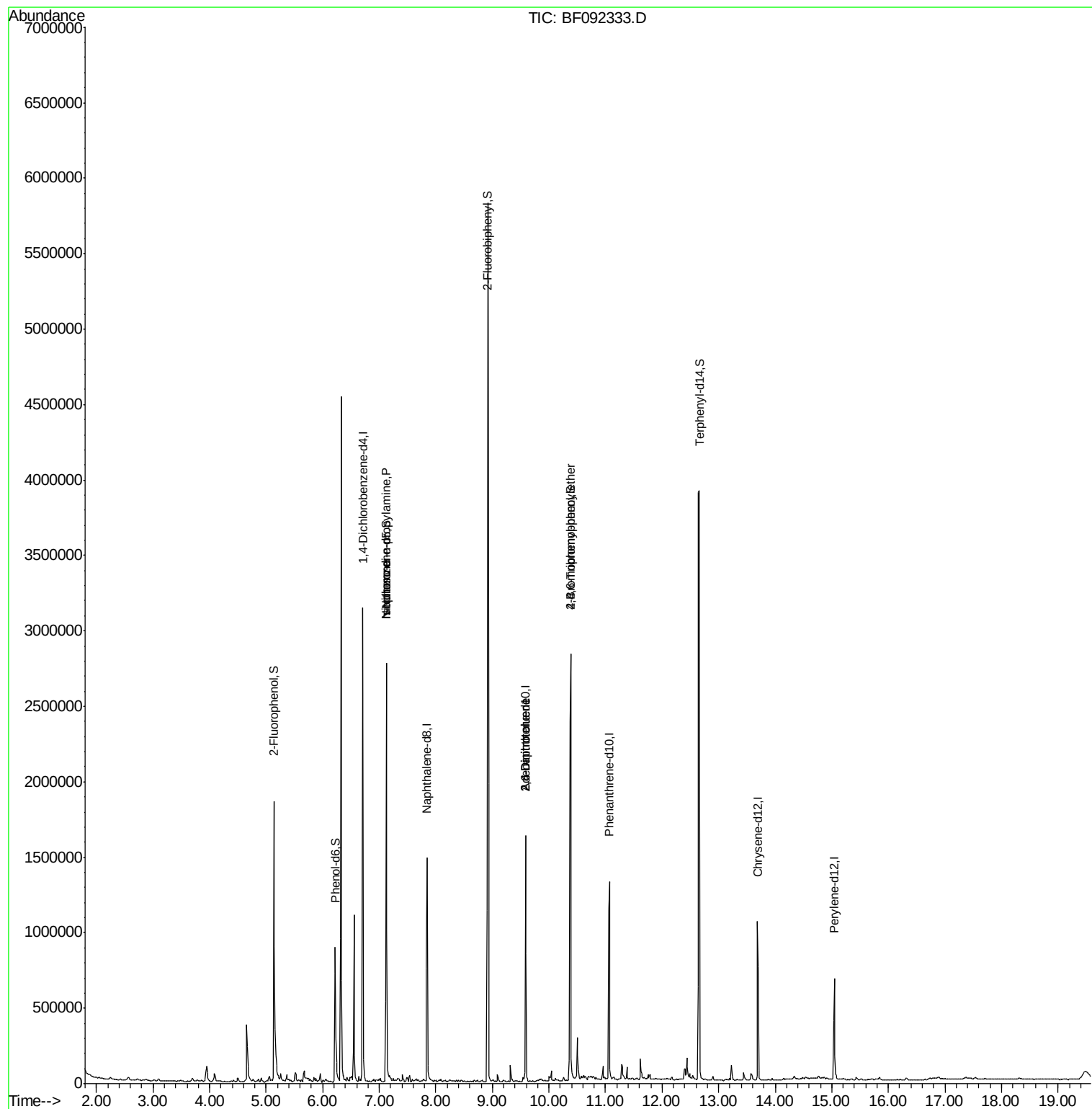
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	681214	20.00	ng	0.07
21) Naphthalene-d8	7.84	136	834834	20.00	ng	-0.09
38) Acenaphthene-d10	9.58	164	419924	20.00	ng	-0.10
63) Phenanthrene-d10	11.07	188	702599	20.00	ng	-0.09
75) Chrysene-d12	13.69	240	477928	20.00	ng	-0.10
86) Perylene-d12	15.05	264	322741	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	738884	18.11	ng	-0.10
7) Phenol-d6	6.22	99	532572	10.69	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1088446	72.50	ng	-0.09
41) 2,4,6-Tribromophenol	10.38	330	514234	147.97	ng	-0.09
44) 2-Fluorobiphenyl	8.92	172	2119030	106.68	ng	-0.09
78) Terphenyl-d14	12.66	244	1984370	100.70	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	1962	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	143459	4.33 ng	#	77
25) Isophorone	7.12	82	951212	34.34 ng	#	65
50) 2,6-Dinitrotoluene	9.58	165	54302	9.24 ng	#	31
56) 2,4-Dinitrotoluene	9.58	165	54306	7.36 ng	#	20
66) 4-Bromophenyl-phenylether	10.38	248	31199	4.27 ng	#	1
71) Anthracene	11.15	178	331	Below Cal	#	28
73) Di-n-butylphthalate	11.64	149	10341	Below Cal		96
74) Fluoranthene	12.51	202	958	Below Cal		61
76) Benzydine	12.65	184	24903	Below Cal	#	94

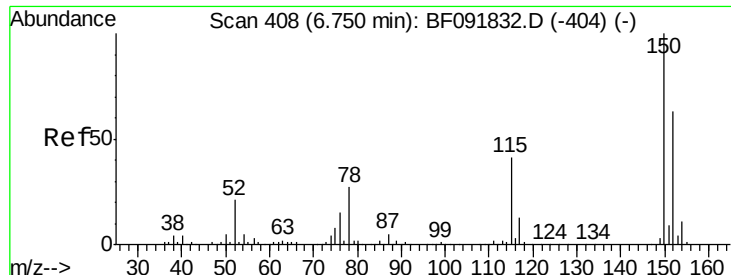
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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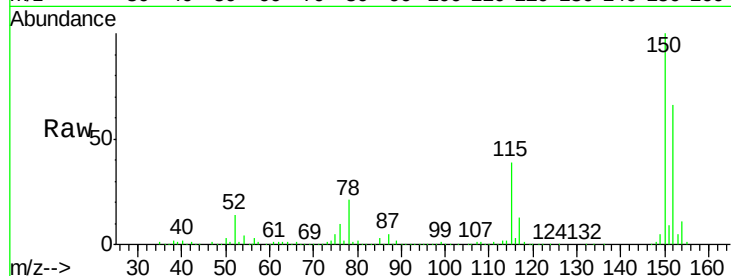


#1

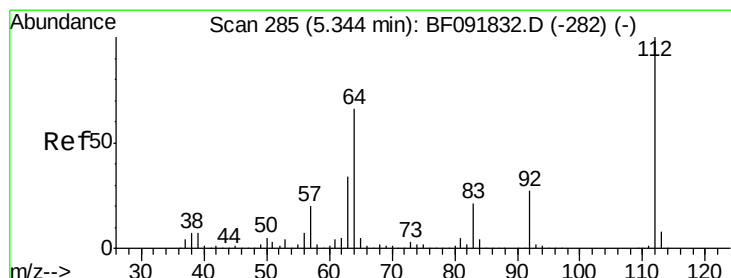
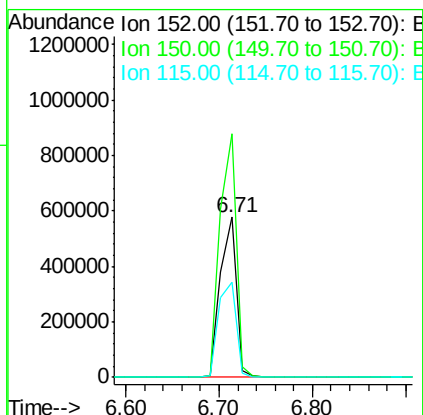
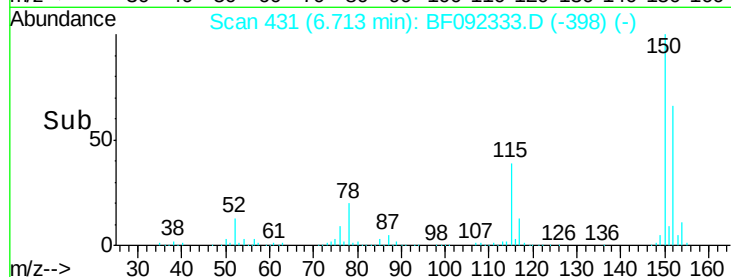
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 431
Delta R.T. 0.07 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Instrument :
BNA_F
ClientSampled :
W-42

Tgt Ion:152 Resp: 681214
Ion Ratio Lower Upper
152 100
150 152.3 124.9 187.3
115 59.2 46.0 69.0



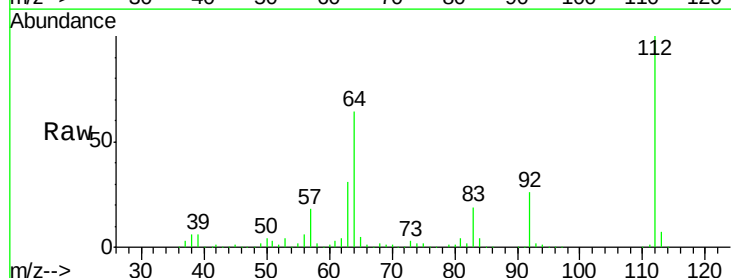
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



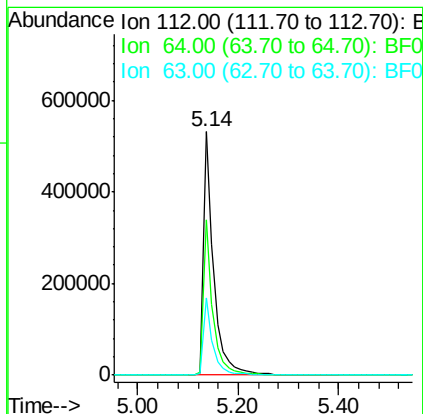
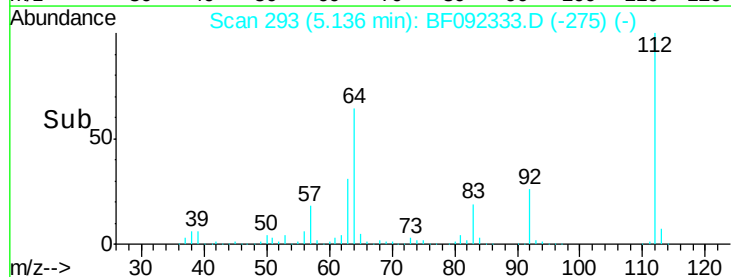
#5

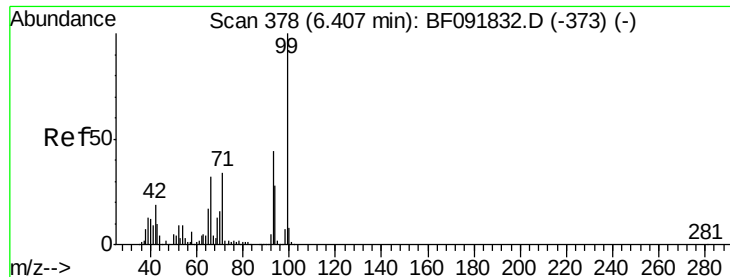
2-Fluorophenol
Concen: 18.11 ng
RT: 5.14 min Scan# 293
Delta R.T. -0.10 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Tgt Ion:112 Resp: 738884
Ion Ratio Lower Upper
112 100
64 63.6 46.1 69.1
63 31.5 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: 10.69 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

W-42

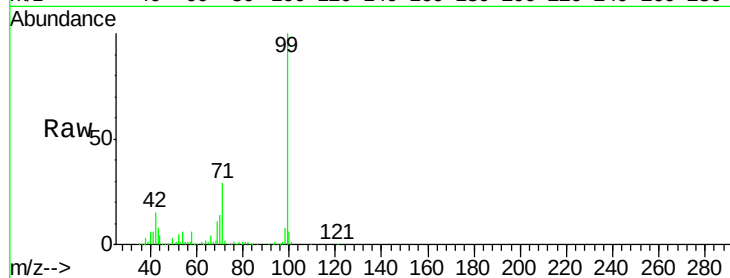
Tgt Ion: 99 Resp: 532572

Ion Ratio Lower Upper

99 100

42 15.1 15.6 23.4#

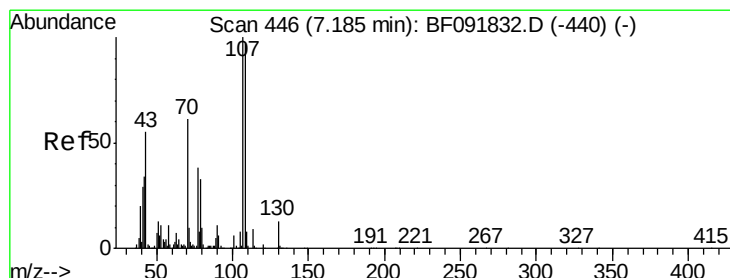
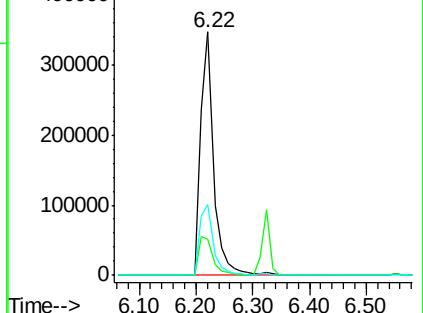
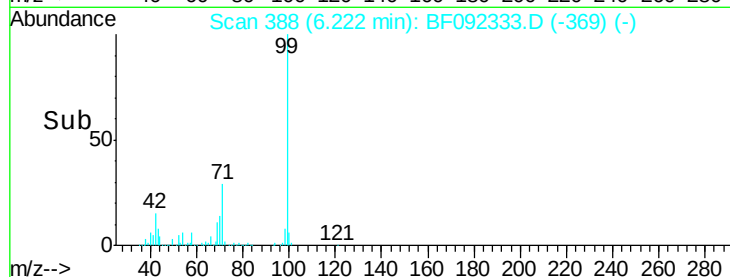
71 28.8 27.5 41.3



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: 4.33 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.05 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Tgt Ion: 70 Resp: 143459

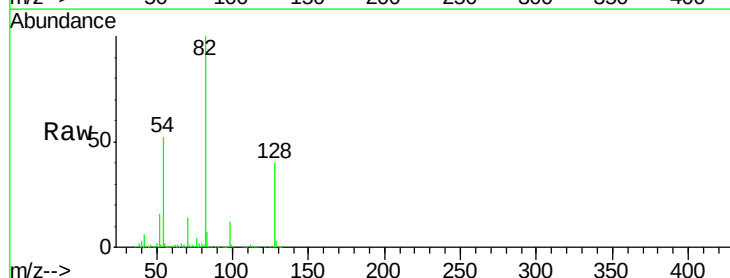
Ion Ratio Lower Upper

70 100

42 47.5 49.4 74.0#

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

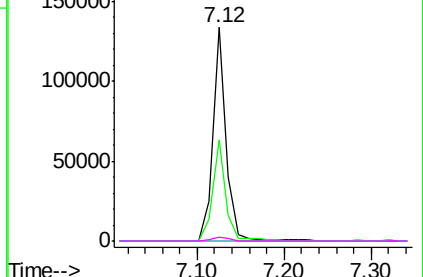
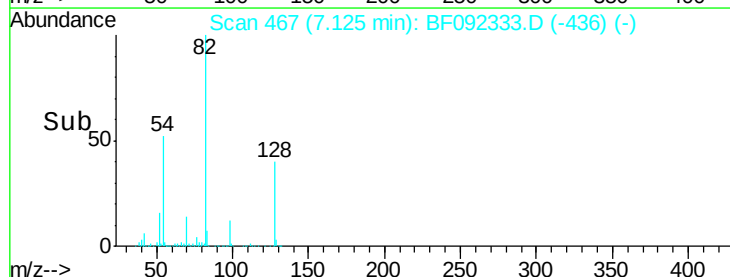


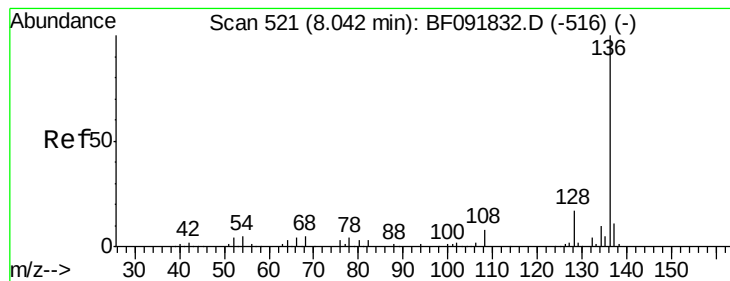
Abundance Ion 70.00 (69.70 to 70.70): BF0

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. -0.09 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 834834

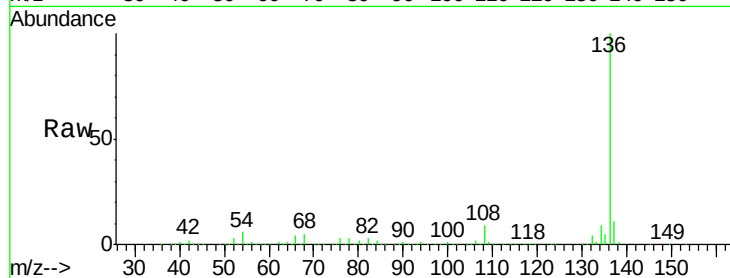
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 6.0 4.5 6.7

68 5.2 3.6 5.4

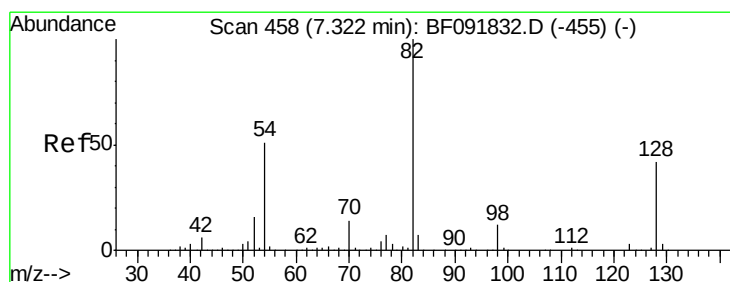
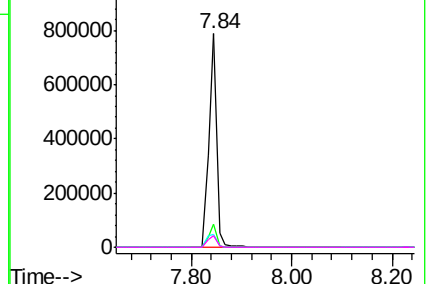
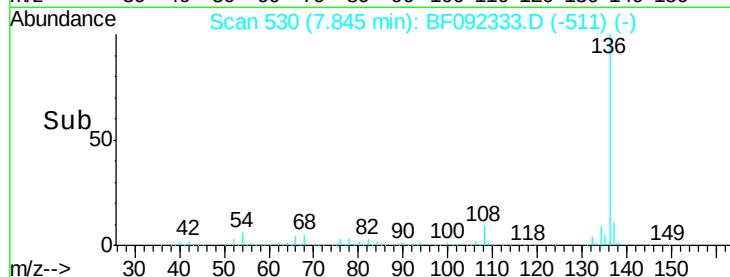


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.50 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.09 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

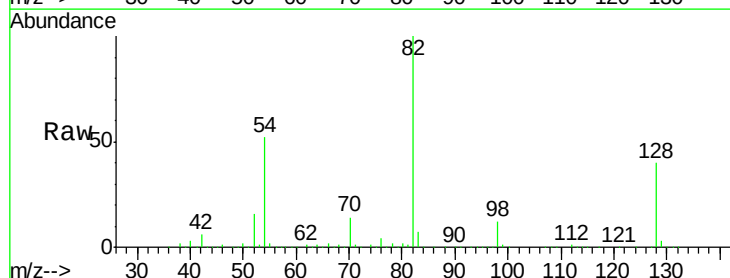
Tgt Ion: 82 Resp: 1088446

Ion Ratio Lower Upper

82 100

128 39.9 34.6 52.0

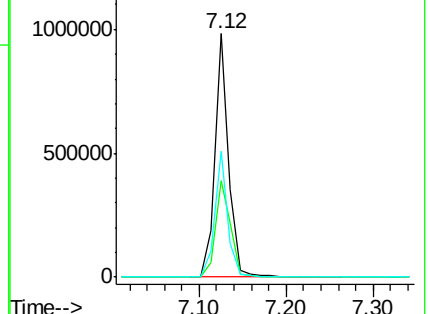
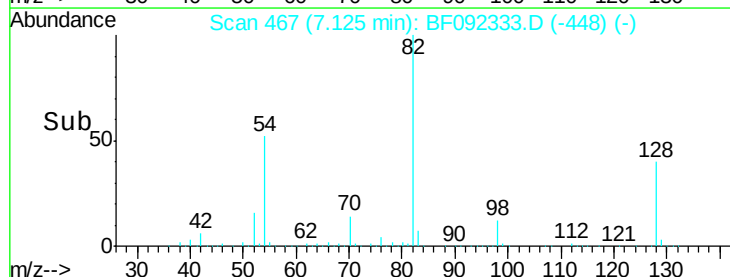
54 51.7 39.5 59.3

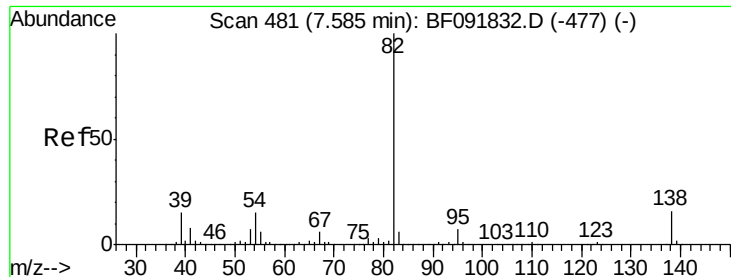


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.34 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.35 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

W-42

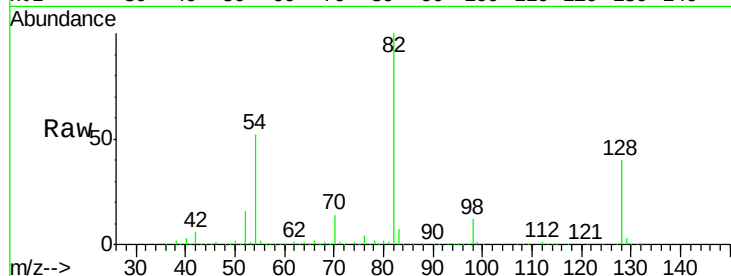
Tgt Ion: 82 Resp: 951212

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

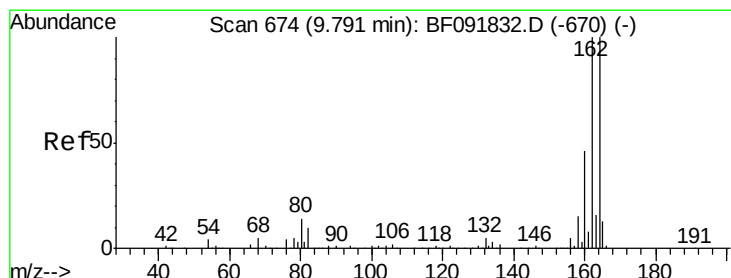
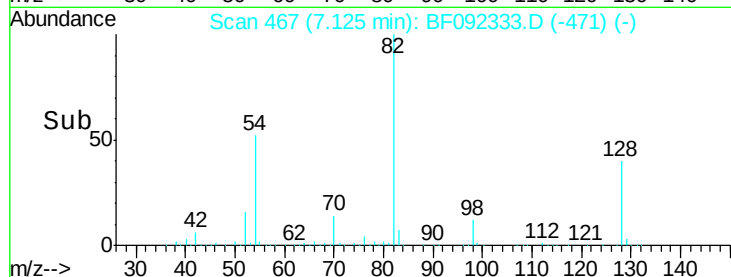
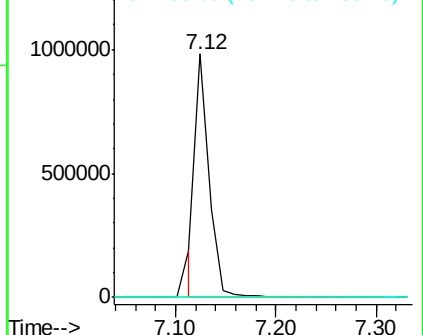
138 0.0 14.6 22.0#



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: BF092333.D

Acq: 17 Jan 2017 23:21

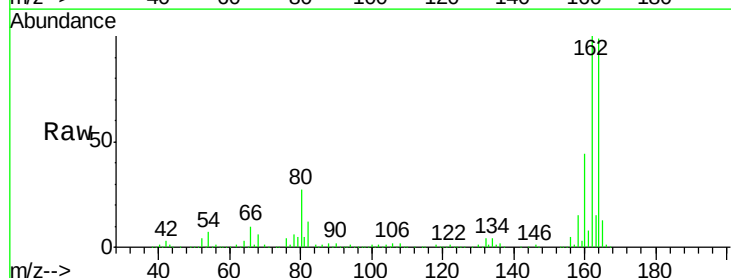
Tgt Ion: 164 Resp: 419924

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

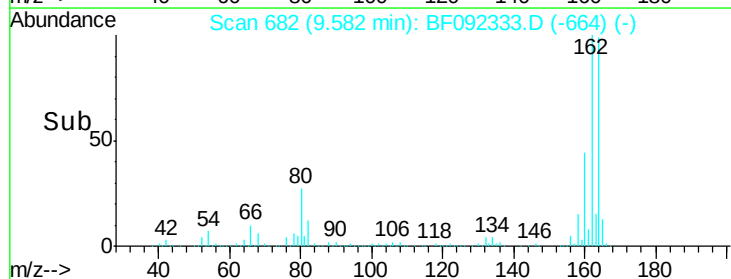
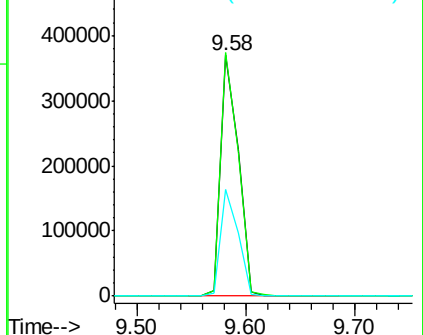
160 44.1 36.9 55.3

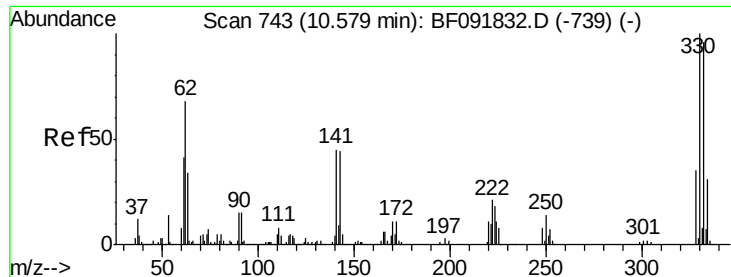


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

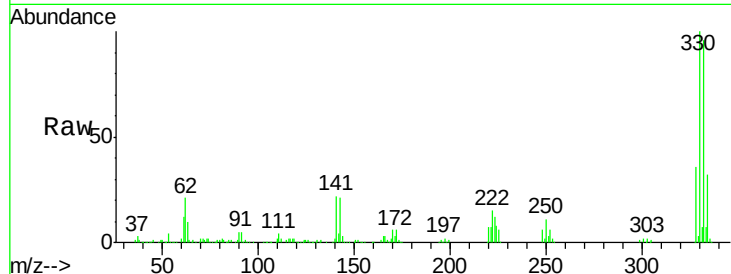




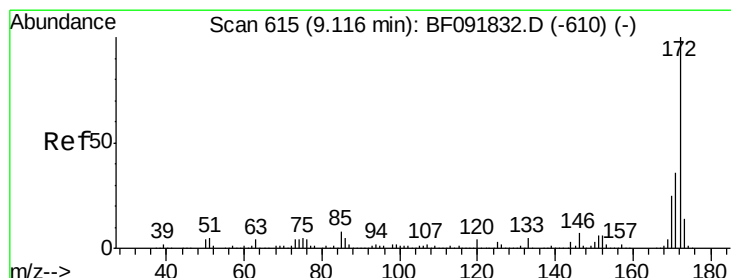
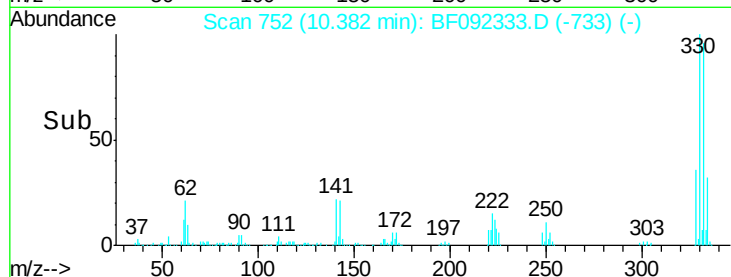
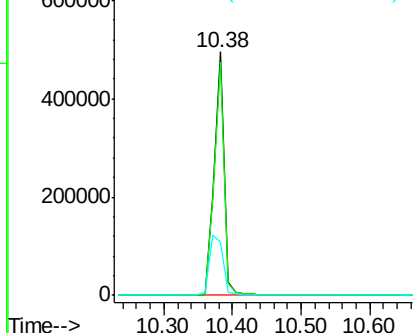
#41
 2,4,6-Tribromophenol
 Concen: 147.97 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 W-42

Tgt Ion:330 Resp: 514234
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 33.3 34.1 51.1#

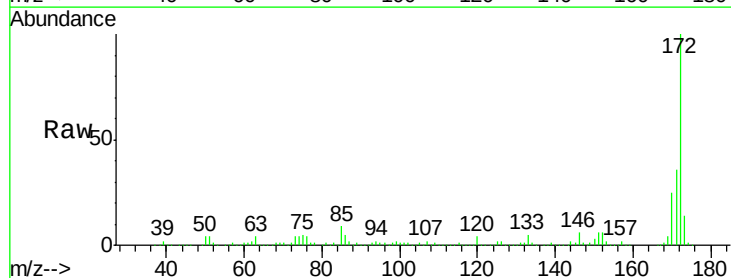


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

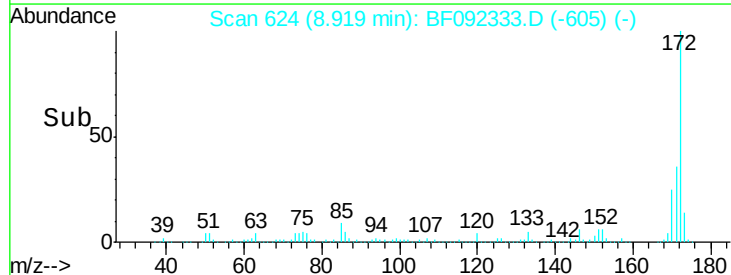
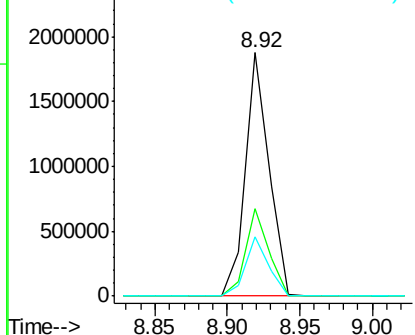


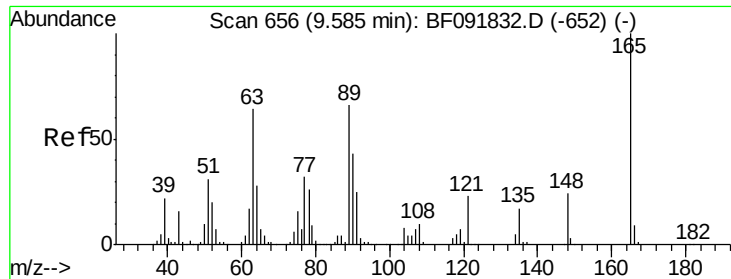
#44
 2-Fluorobiphenyl
 Concen: 106.68 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.09 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Tgt Ion:172 Resp: 2119030
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

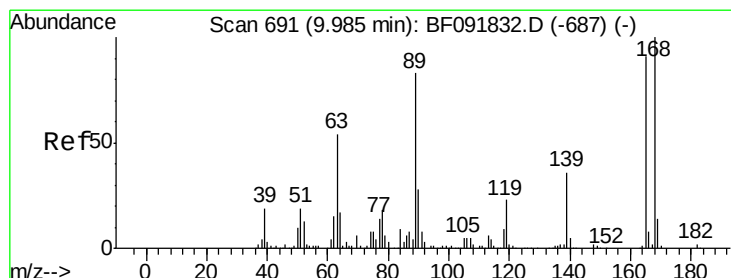
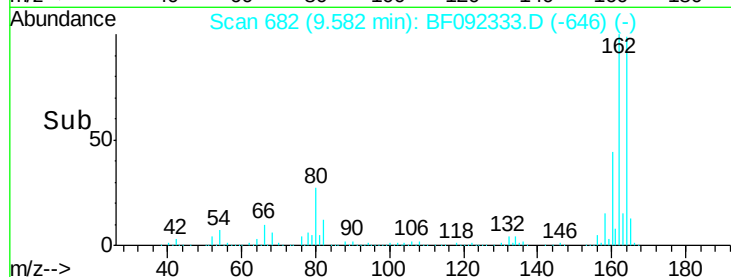
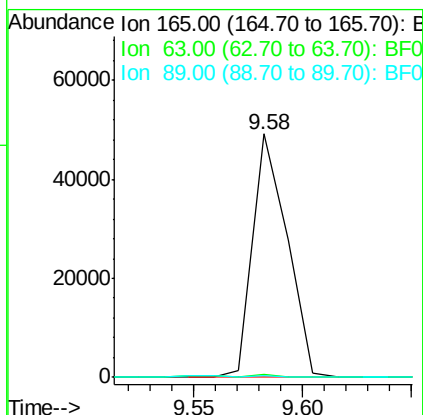
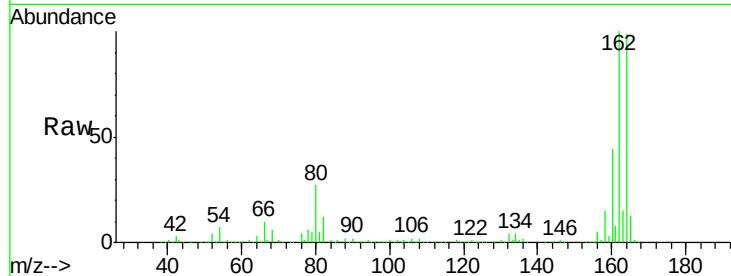




#50
 2,6-Dinitrotoluene
 Concen: 9.24 ng
 RT: 9.58 min Scan# 682
 Delta R.T. 0.11 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

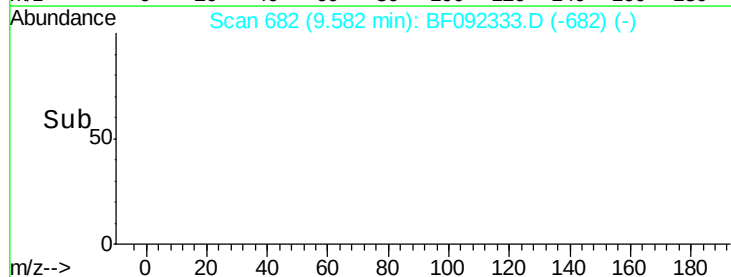
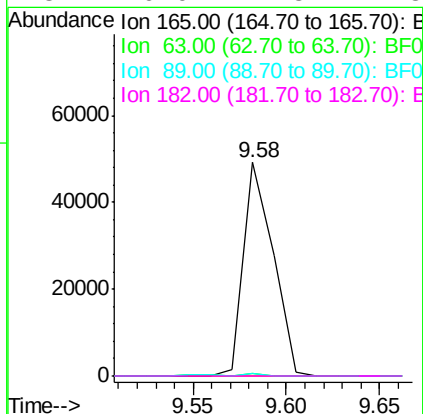
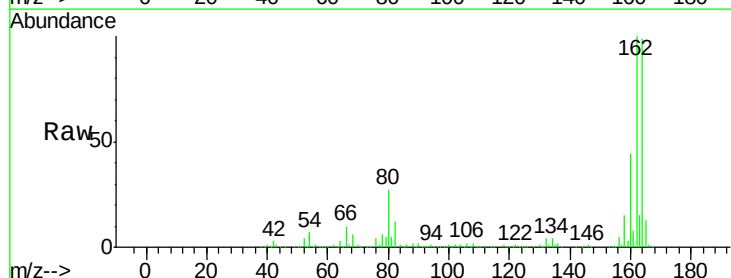
Instrument :
 BNA_F
 ClientSampleId :
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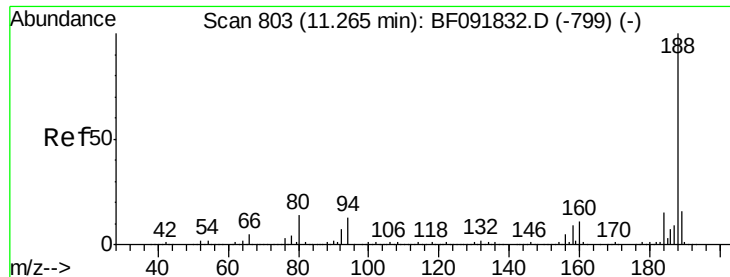
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	0.9	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.31 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

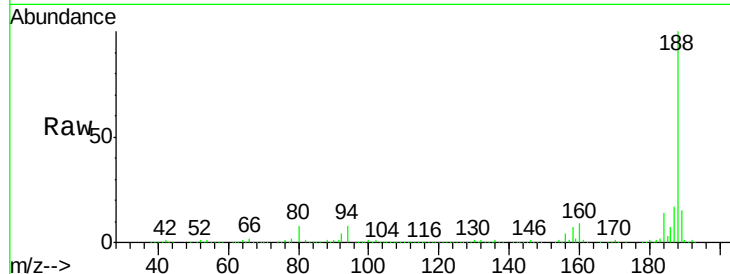




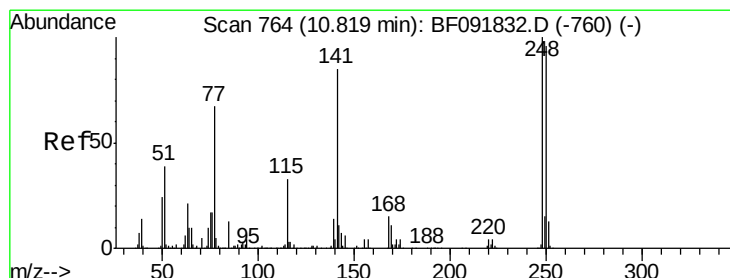
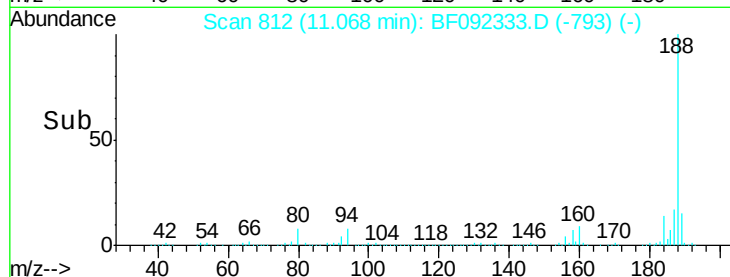
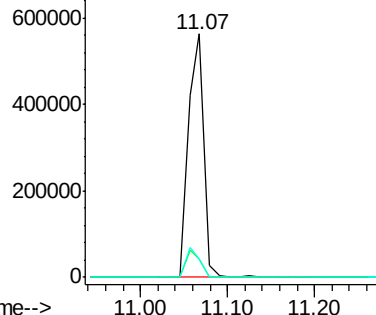
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:188 Resp: 702599
 Ion Ratio Lower Upper
 188 100
 94 7.6 10.0 15.0#
 80 7.7 11.2 16.8#

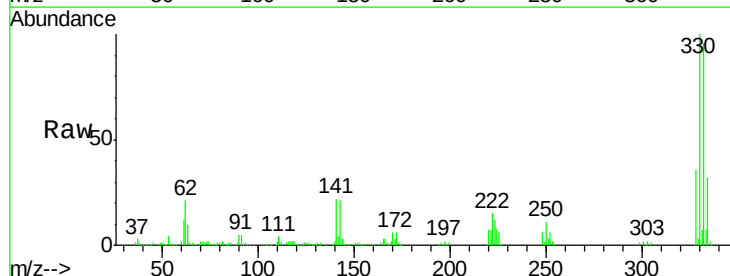


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

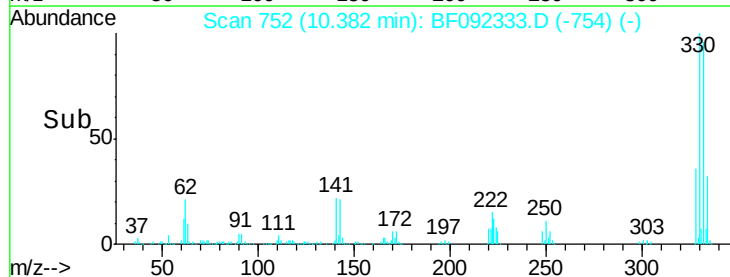
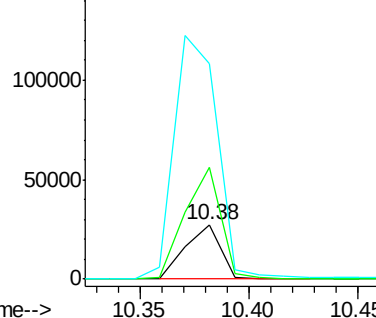


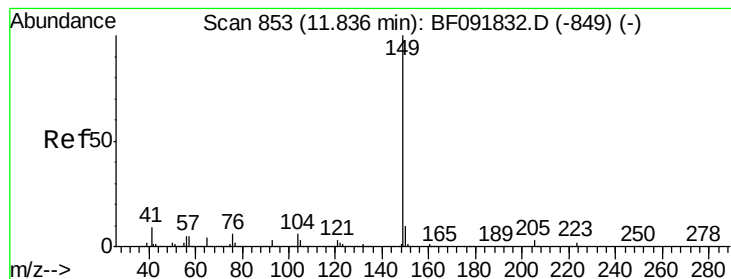
#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.33 min
 Lab File: BF092333.D
 Acq: 17 Jan 2017 23:21

Tgt Ion:248 Resp: 31199
 Ion Ratio Lower Upper
 248 100
 250 205.6 76.9 115.3#
 141 395.0 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.09 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

W-42

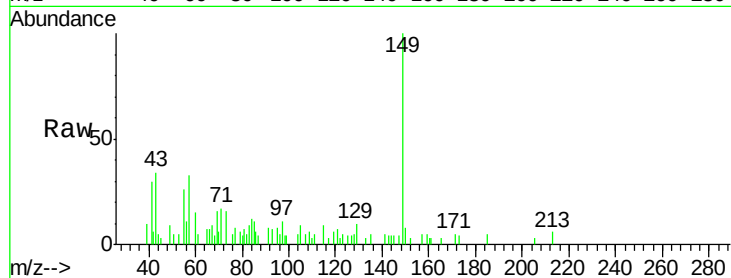
Tgt Ion:149 Resp: 10341

Ion Ratio Lower Upper

149 100

150 8.4 8.1 12.1

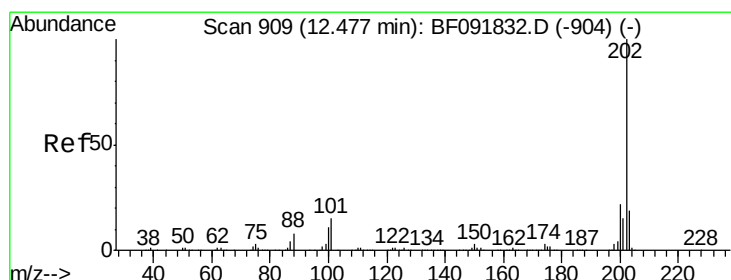
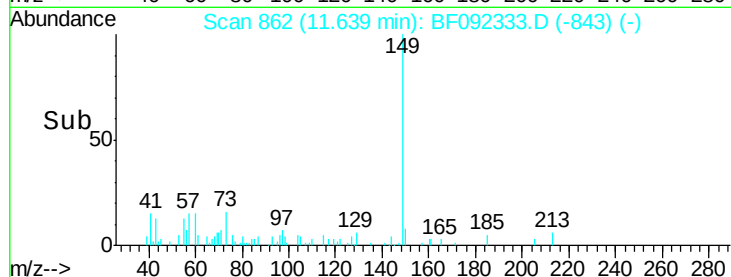
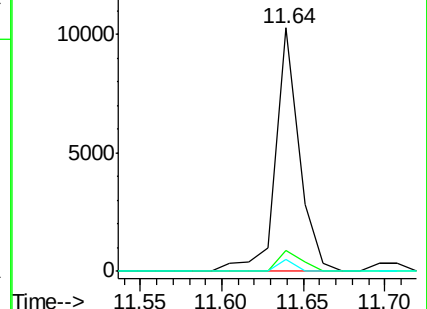
104 4.7 4.6 7.0



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: 12.51 min Scan# 938

Delta R.T. 0.14 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

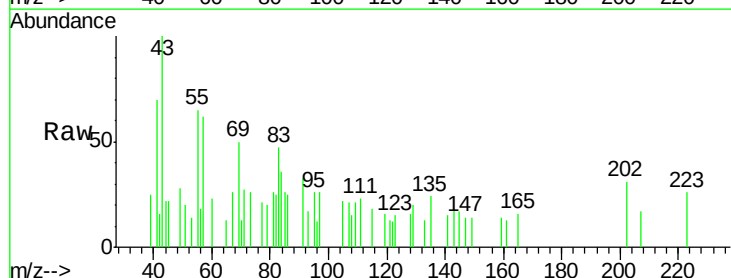
Tgt Ion:202 Resp: 958

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

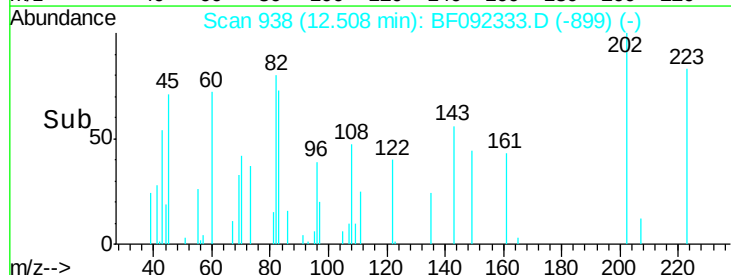
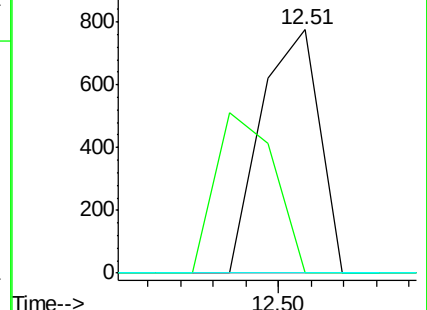
203 0.0 0.0 38.7

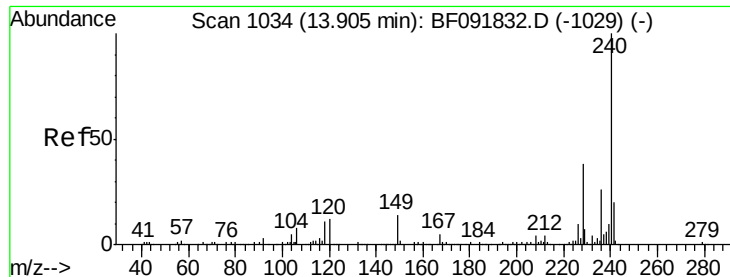


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

Instrument :

BNA_F

ClientSampleId :

W-42

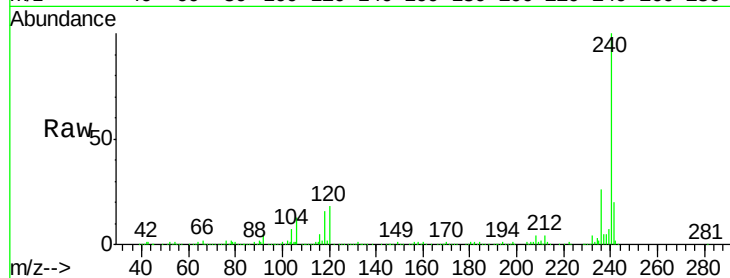
Tgt Ion:240 Resp: 477928

Ion Ratio Lower Upper

240 100

120 17.6 12.9 19.3

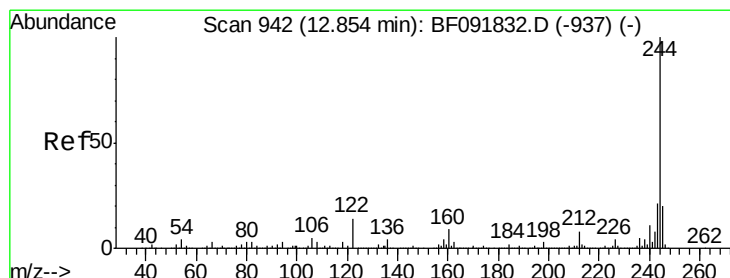
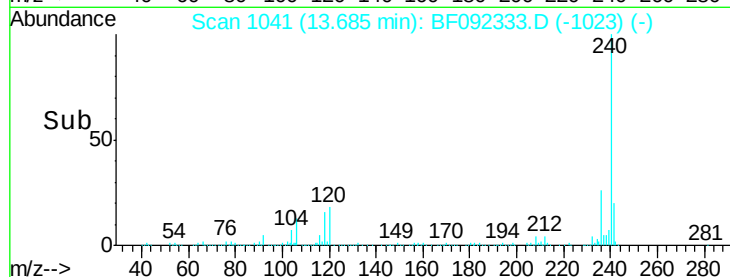
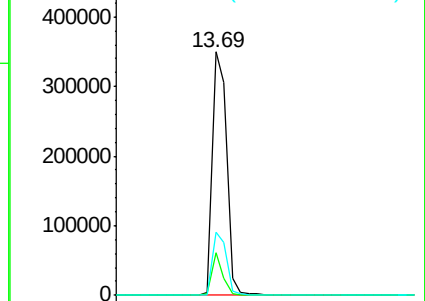
236 25.8 20.9 31.3



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: 100.70 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092333.D

Acq: 17 Jan 2017 23:21

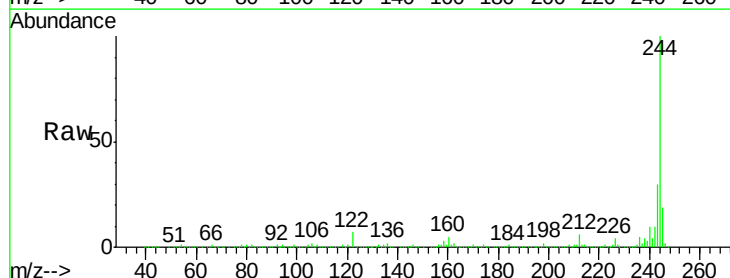
Tgt Ion:244 Resp: 1984370

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

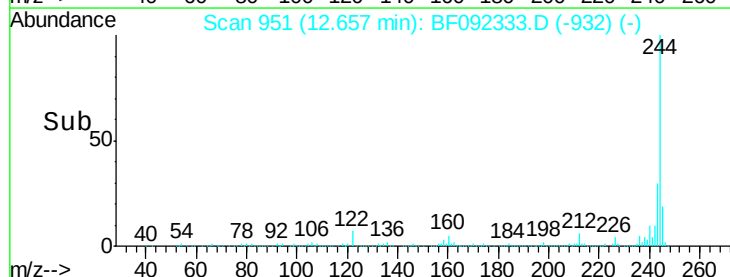
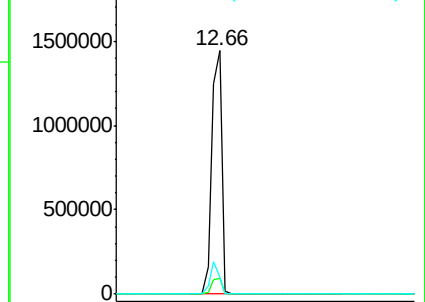
122 7.0 11.4 17.2#

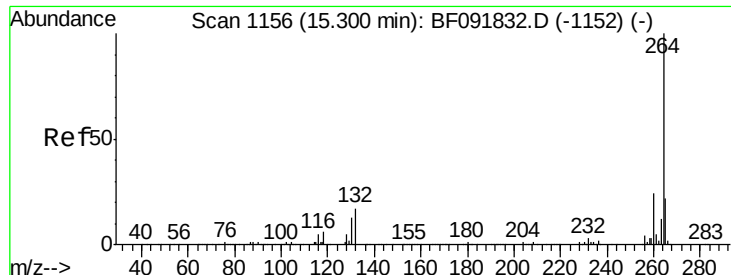


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092333.D
Acq: 17 Jan 2017 23:21

Instrument :
BNA_F
ClientSampleId :
W-42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	17.4	26.0

