

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092337.D
 Acq On : 18 Jan 2017 1:15
 Operator : UM/SJ
 Sample : I1162-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Quant Time: Jan 18 03:17:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

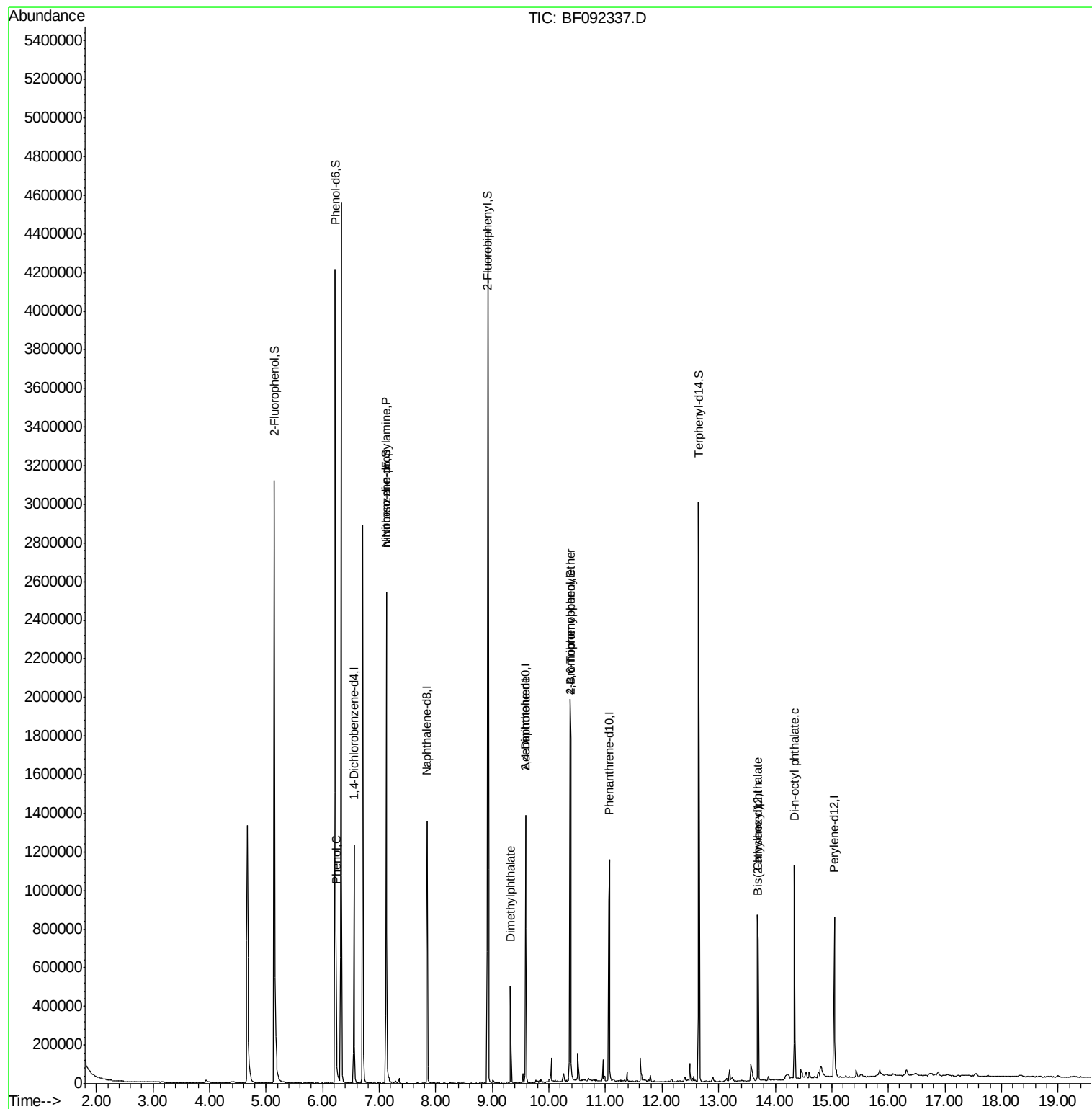
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	185709	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	751722	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	366771	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	602758	20.00	ng	0.00
75) Chrysene-d12	13.69	240	378250	20.00	ng	-0.01
86) Perylene-d12	15.05	264	366236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1443259	129.76	ng	0.01
7) Phenol-d6	6.22	99	1593180	117.33	ng	0.00
23) Nitrobenzene-d5	7.12	82	932072	68.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	365734	120.49	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1452191	80.43	ng	0.00
78) Terphenyl-d14	12.64	244	1175115	75.35	ng	0.00
Target Compounds						
10) Phenol	6.23	94	101820	6.58	ng	# 73
19) n-Nitroso-di-n-propylamine	7.12	70	122183	13.53	ng	# 76
37) 2-Methylnaphthalene	8.56	142	242	Below Cal		# 15
49) Dimethylphthalate	9.32	163	208816	8.90	ng	# 98
56) 2,4-Dinitrotoluene	9.58	165	47786	7.42	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	21576	3.44	ng	# 1
71) Anthracene	11.09	178	3337	Below Cal		# 98
73) Di-n-butylphthalate	11.64	149	3330	Below Cal		# 93
74) Fluoranthene	12.28	202	4535	Below Cal		# 97
83) Bis(2-ethylhexyl)phthalate	13.70	149	38565	2.59	ng	# 94
84) Di-n-octyl phthalate	14.34	149	97217	3.53	ng	# 48

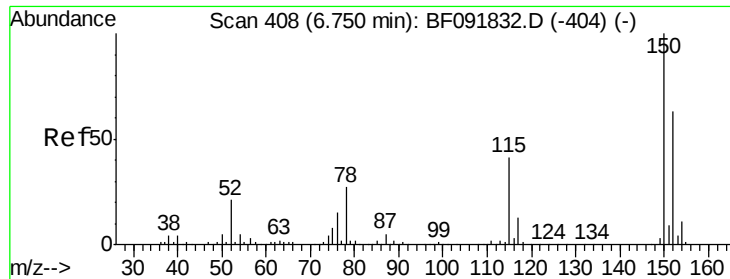
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

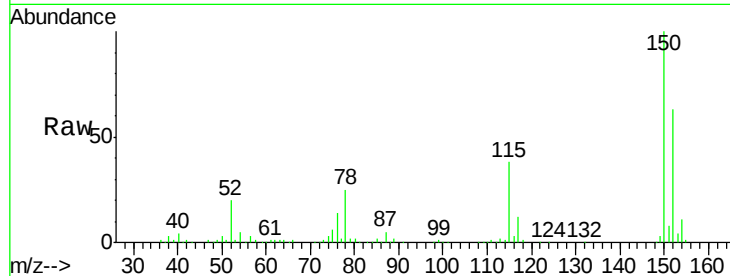
Tgt Ion:152 Resp: 185709

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

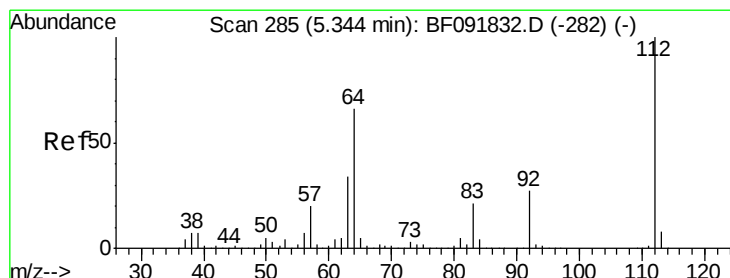
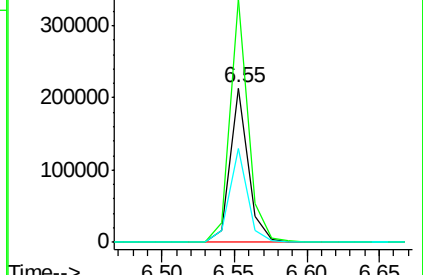
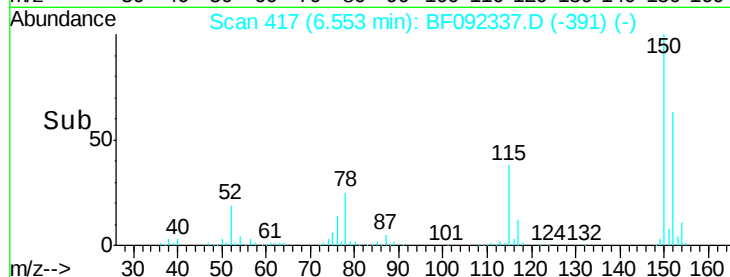
115 60.6 46.0 69.0



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: 129.76 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

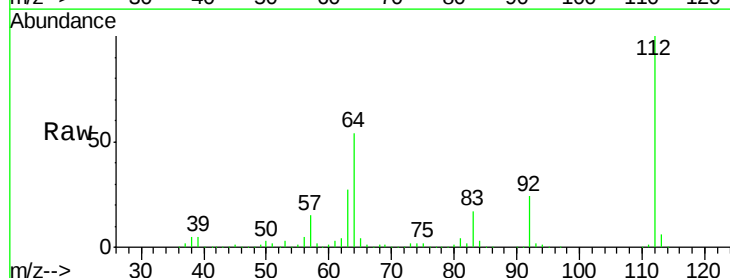
Tgt Ion:112 Resp: 1443259

Ion Ratio Lower Upper

112 100

64 53.7 46.1 69.1

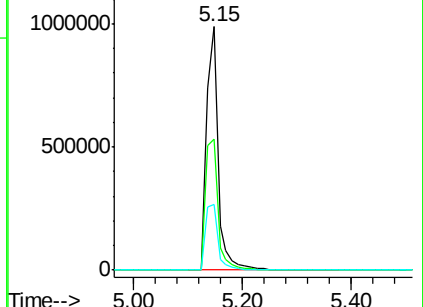
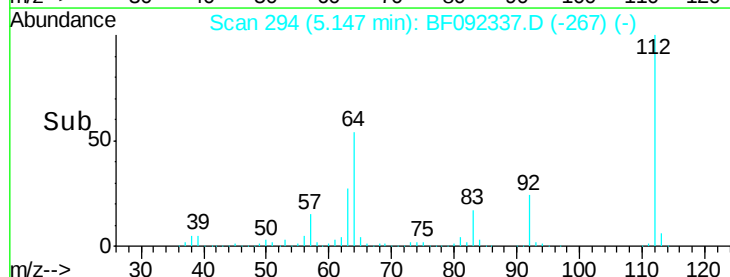
63 26.7 23.8 35.6

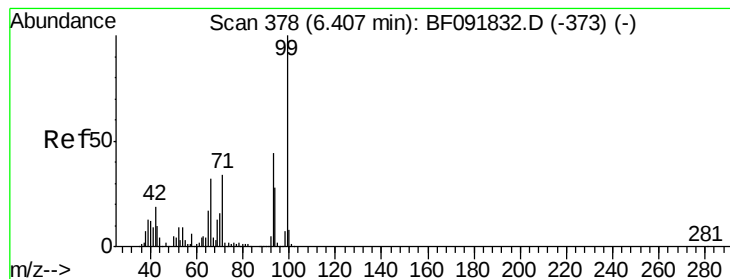


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.33 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

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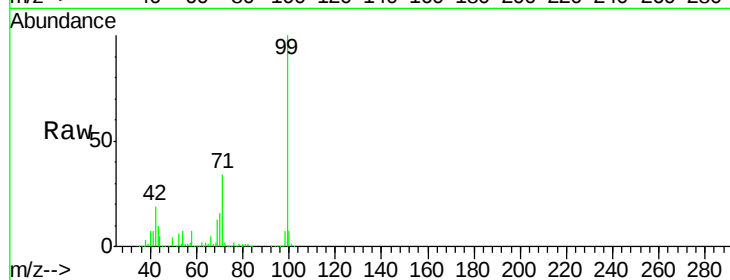
Tgt Ion: 99 Resp: 1593180

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

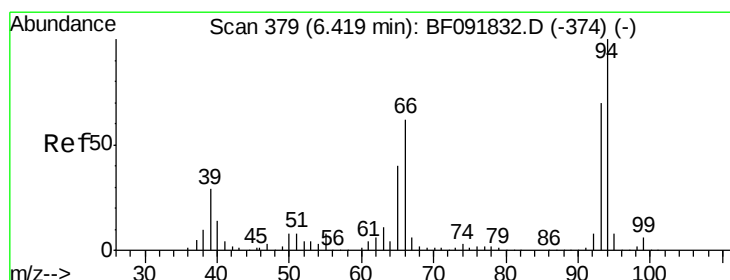
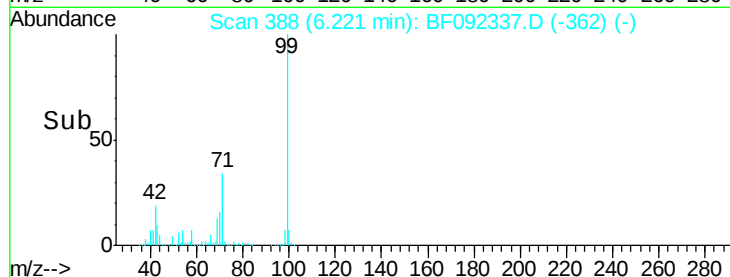
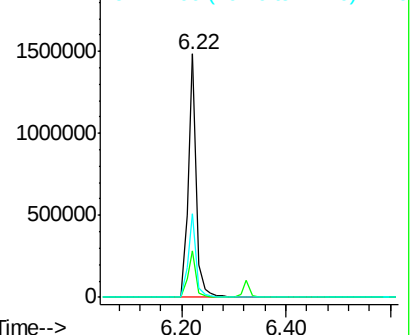
71 34.4 27.5 41.3



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



#10

Phenol

Concen: 6.58 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

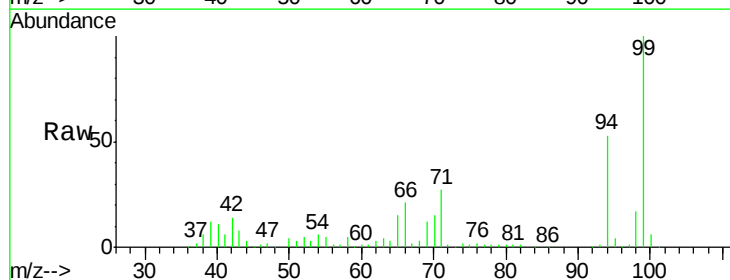
Tgt Ion: 94 Resp: 101820

Ion Ratio Lower Upper

94 100

65 27.6 21.4 61.4

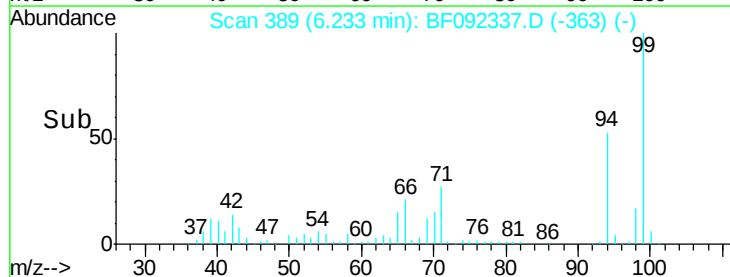
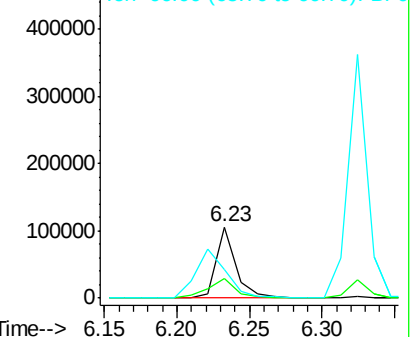
66 40.3 44.0 84.0#

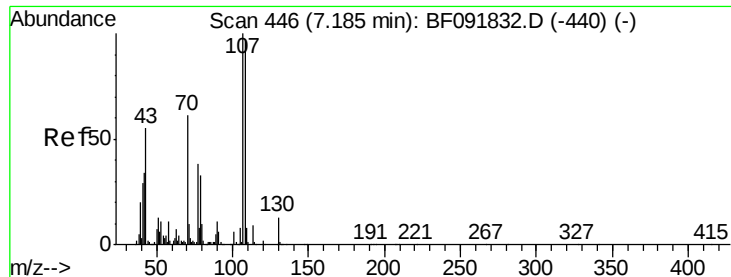


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

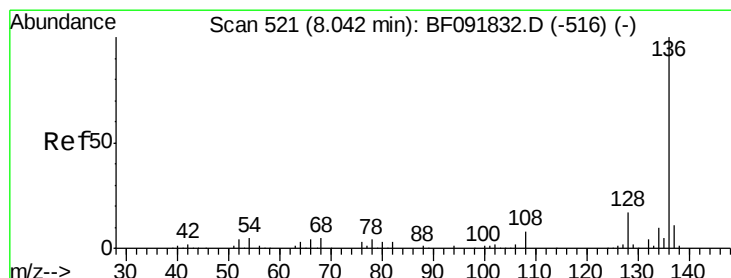
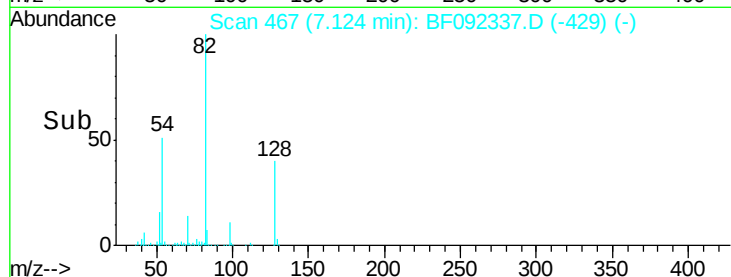
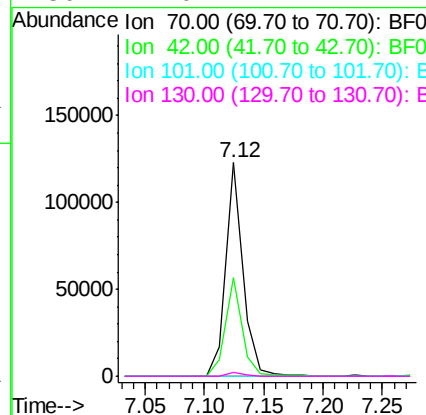
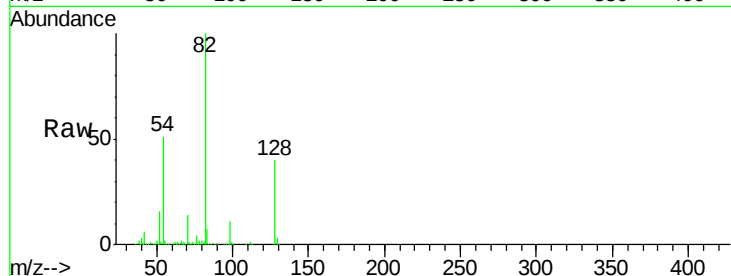




#19
n-Nitroso-di-n-propylamine
Concen: 13.53 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.14 min
Lab File: BF092337.D
Acq: 18 Jan 2017 1:15

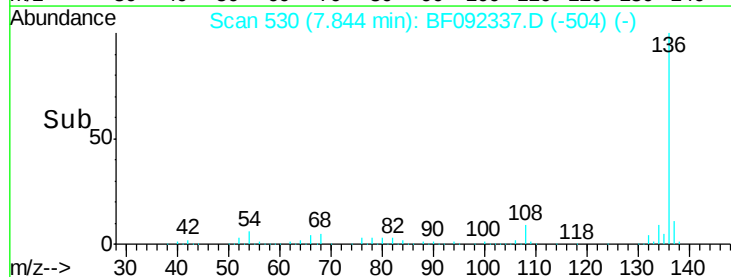
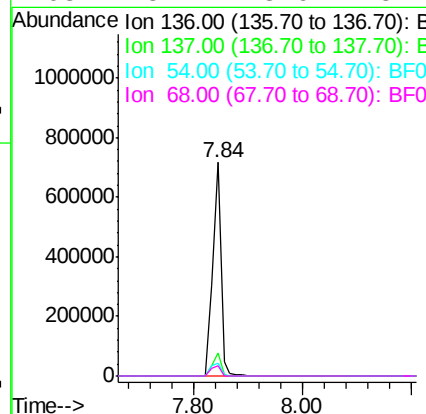
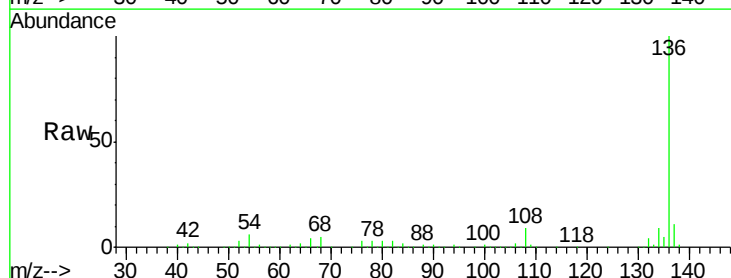
Instrument :
BNA_F
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SB-48-COMP

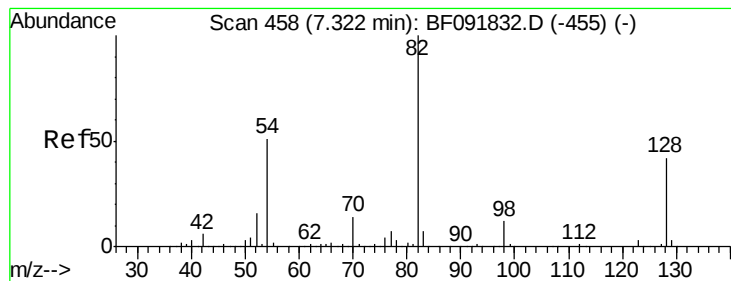
Tgt Ion: 70 Resp: 122183
Ion Ratio Lower Upper
70 100
42 46.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF092337.D
Acq: 18 Jan 2017 1:15

Tgt Ion: 136 Resp: 751722
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.1 4.5 6.7
68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 68.95 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

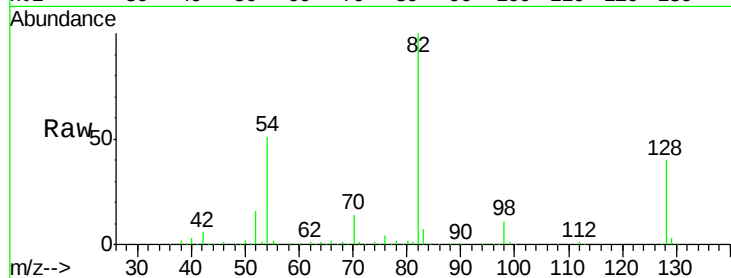
Tgt Ion: 82 Resp: 932072

Ion Ratio Lower Upper

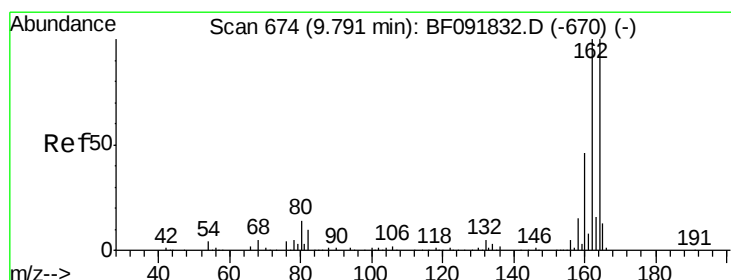
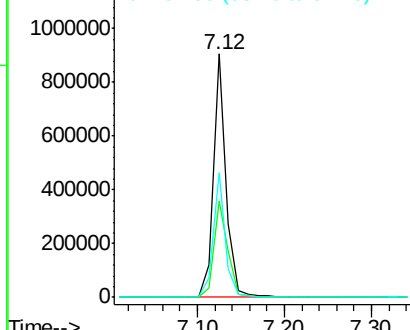
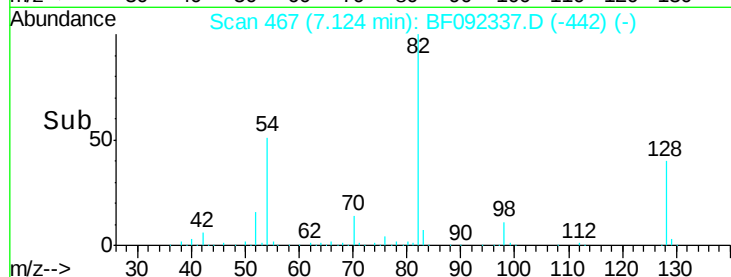
82 100

128 39.9 34.6 52.0

54 51.3 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

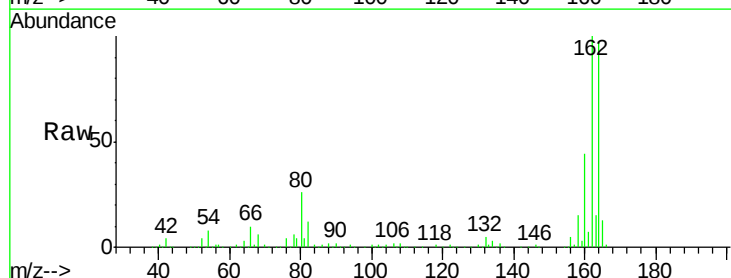
Tgt Ion: 164 Resp: 366771

Ion Ratio Lower Upper

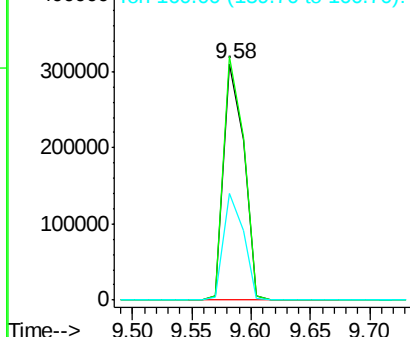
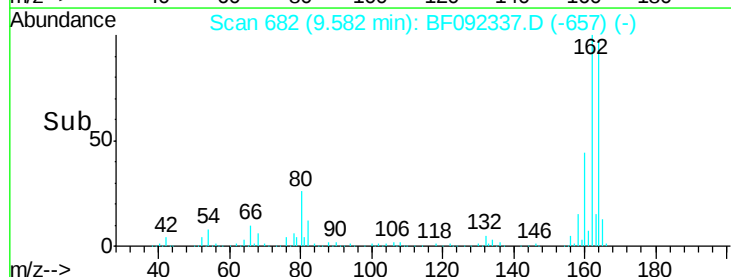
164 100

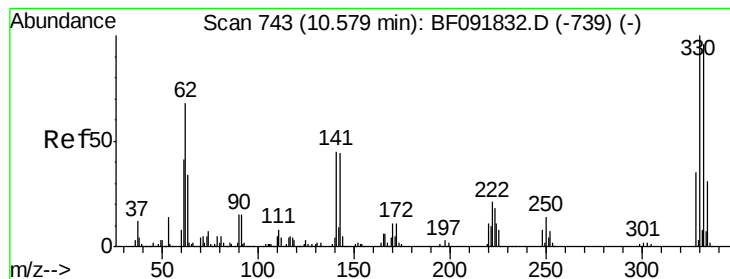
162 103.1 80.2 120.2

160 45.3 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

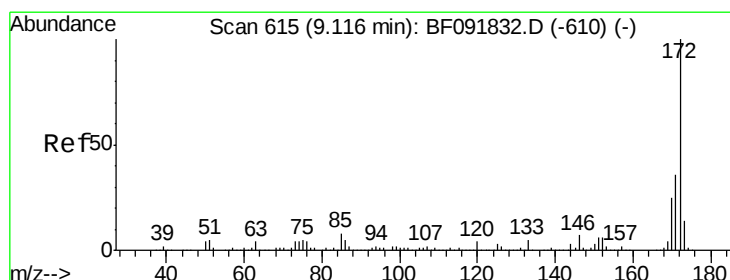
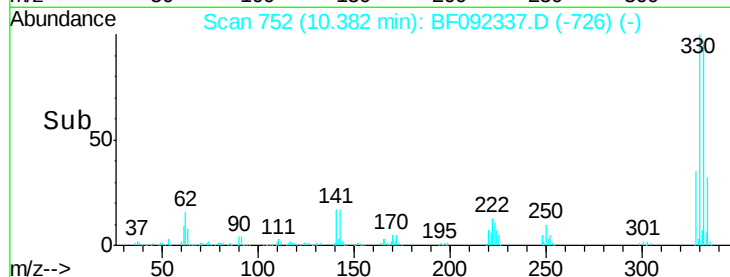
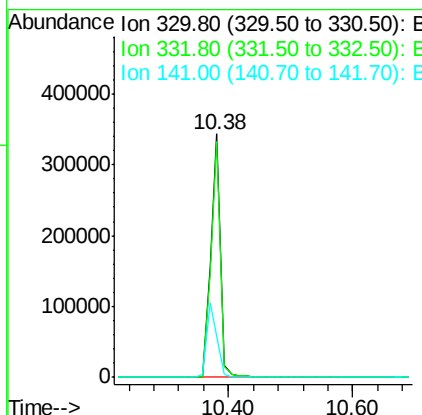
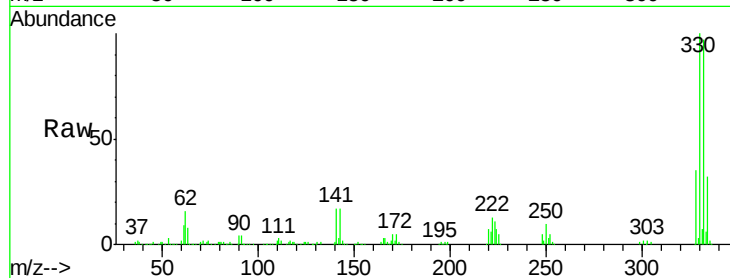




#41
 2,4,6-Tribromophenol
 Concen: 120.49 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092337.D
 Acq: 18 Jan 2017 1:15

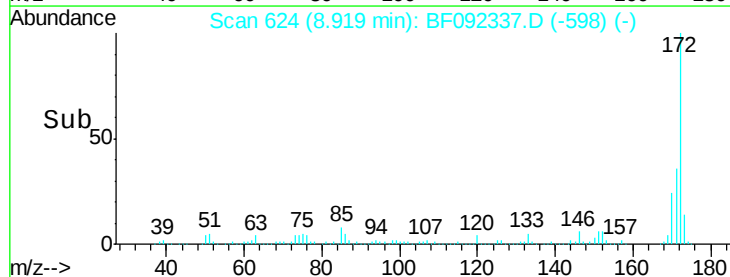
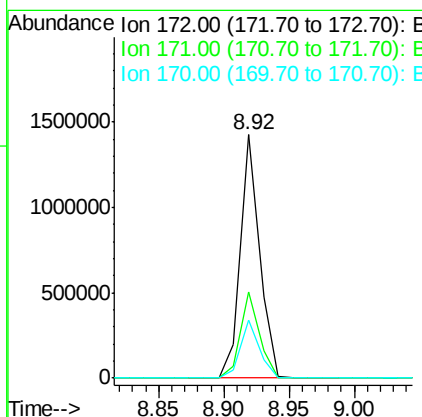
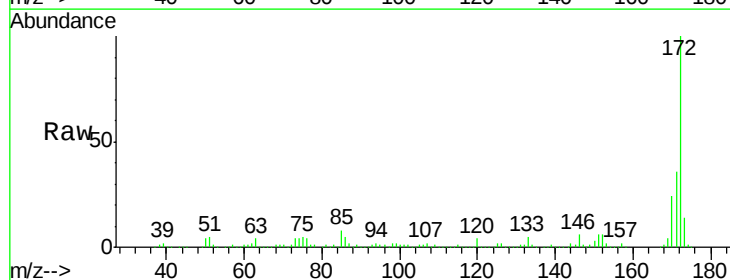
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

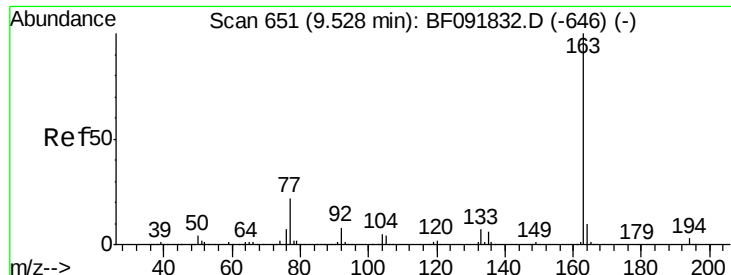
Tgt Ion:330 Resp: 365734
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 32.9 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 80.43 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092337.D
 Acq: 18 Jan 2017 1:15

Tgt Ion:172 Resp: 1452191
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 20.2 30.4

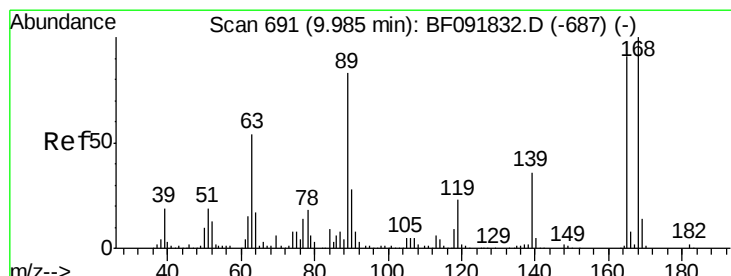
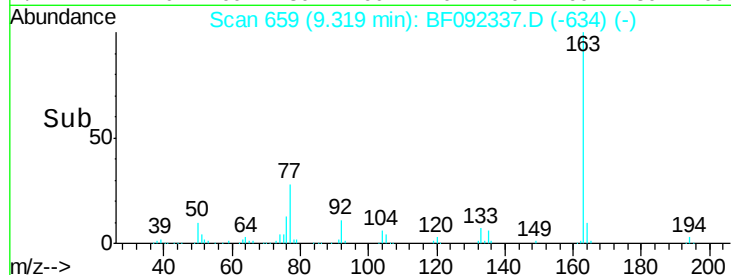
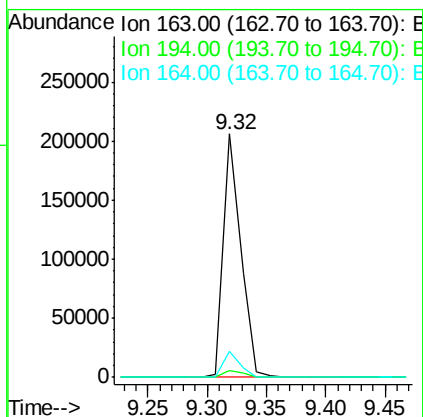
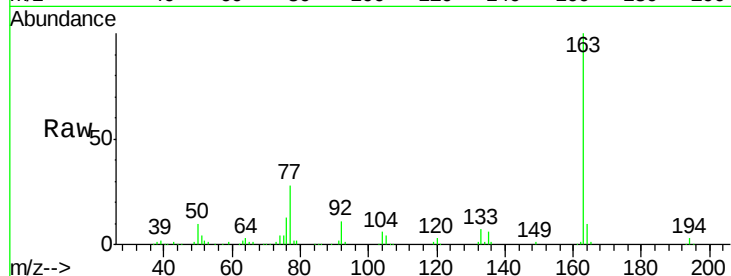




#49
Dimethylphthalate
Concen: 8.90 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092337.D
Acq: 18 Jan 2017 1:15

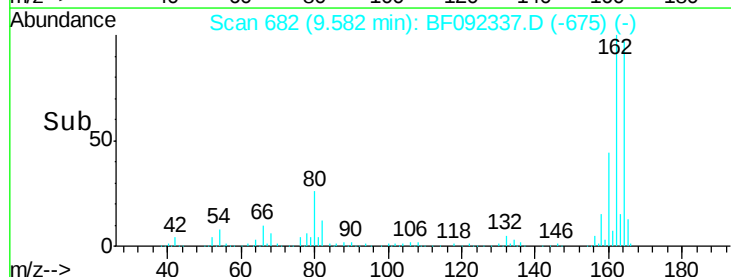
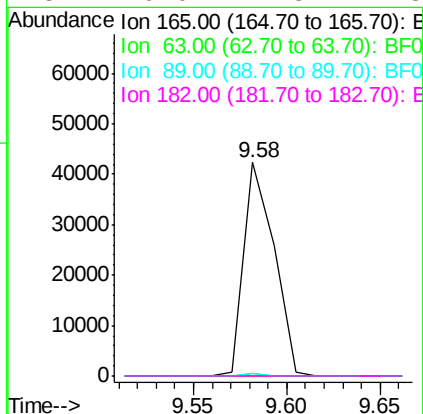
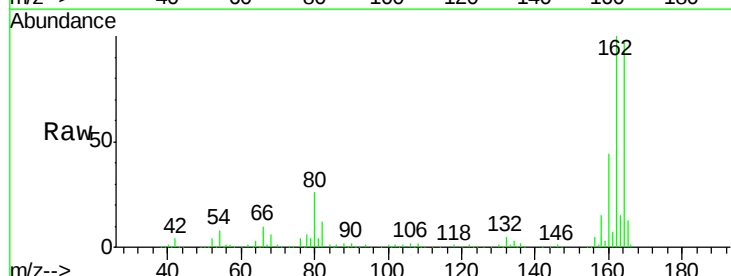
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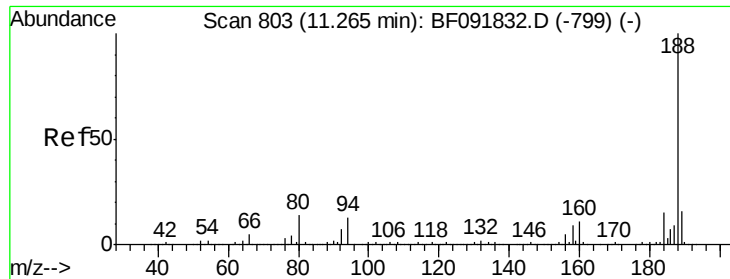
Tgt Ion:163 Resp: 208816
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.5 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF092337.D
Acq: 18 Jan 2017 1:15

Tgt Ion:165 Resp: 47786
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.2 62.5 93.7#
182 0.0 1.8 2.8#

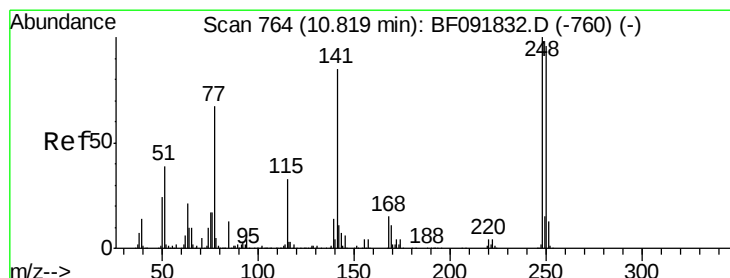
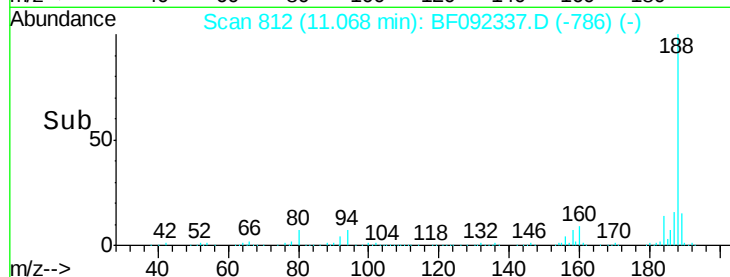
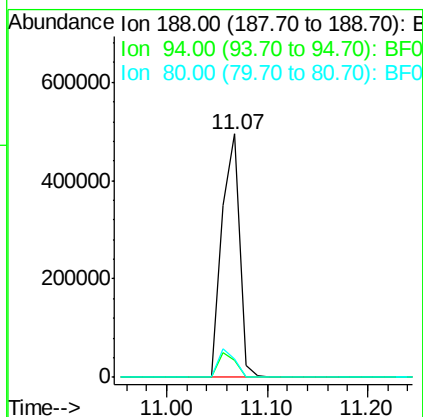
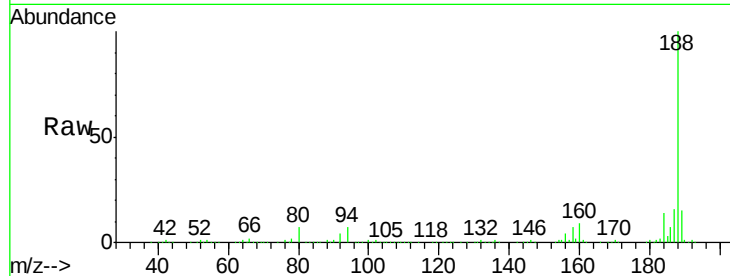




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF092337.D
 Acq: 18 Jan 2017 1:15

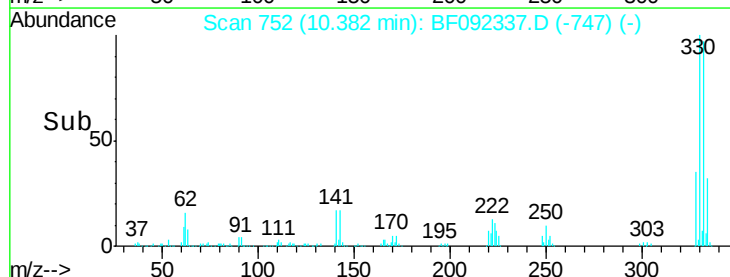
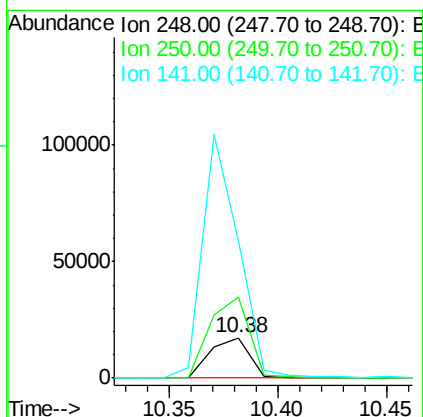
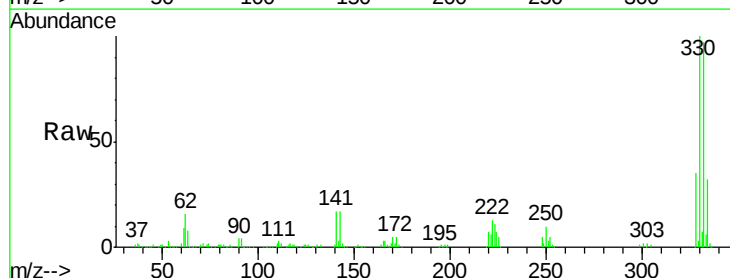
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

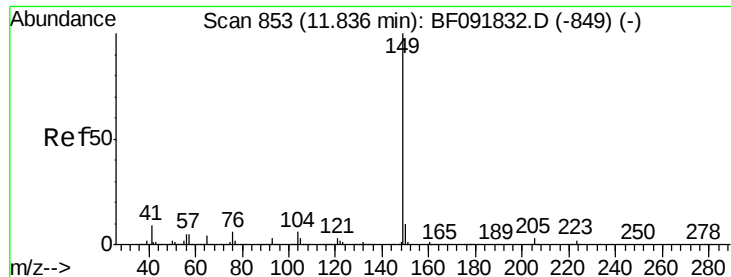
Tgt Ion:188 Resp: 602758
 Ion Ratio Lower Upper
 188 100
 94 7.1 10.0 15.0#
 80 7.4 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.44 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF092337.D
 Acq: 18 Jan 2017 1:15

Tgt Ion:248 Resp: 21576
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 341.9 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.64 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

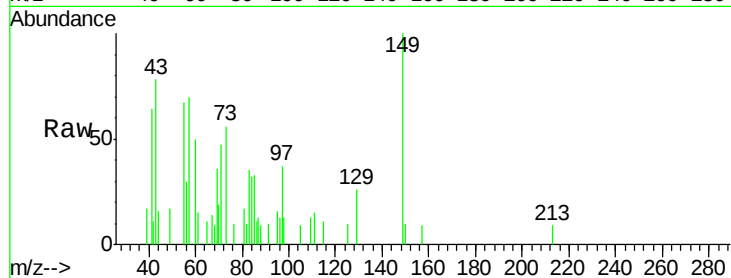
Tgt Ion:149 Resp: 3330

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

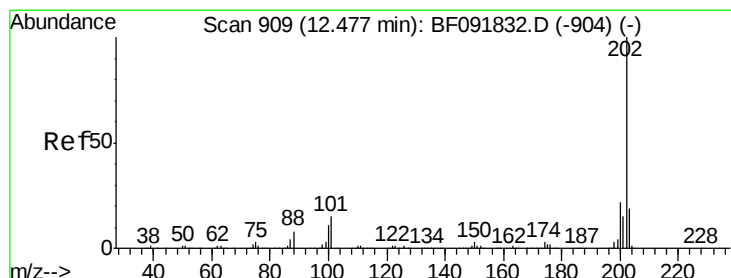
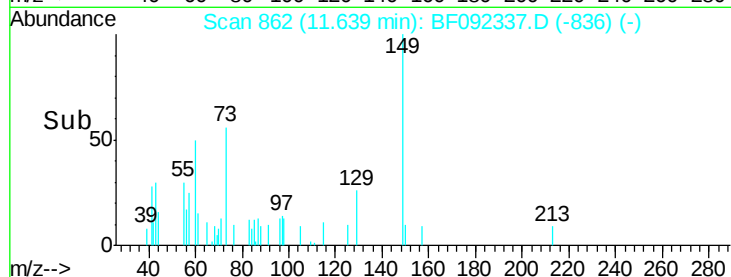
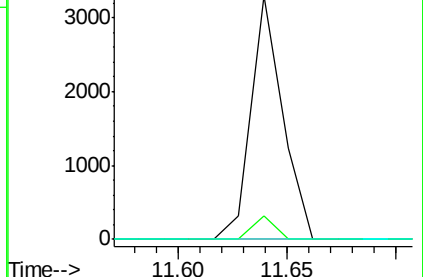
104 0.0 4.6 7.0#



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. 0.01 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

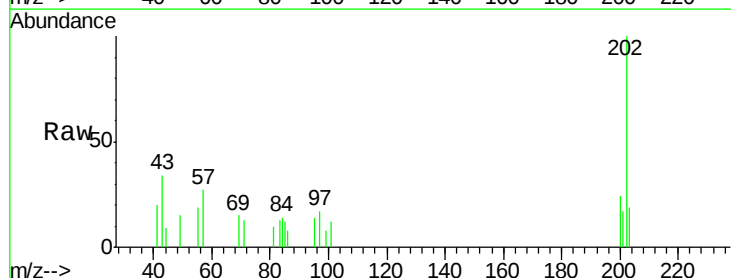
Tgt Ion:202 Resp: 4535

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.6

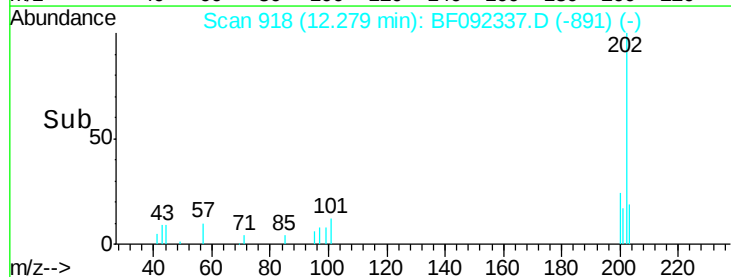
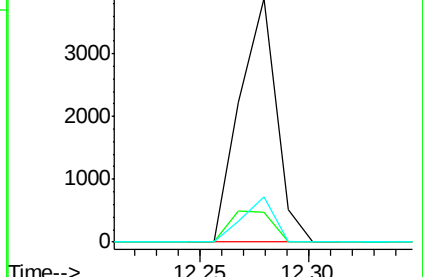
203 18.6 0.0 38.7

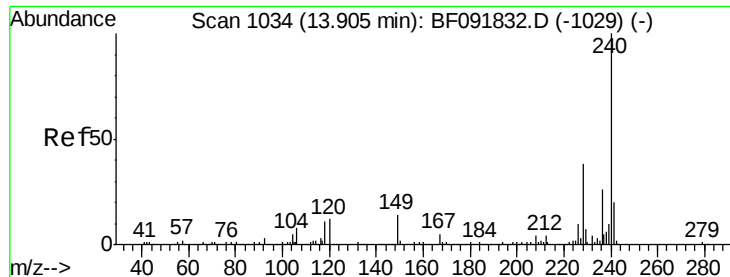


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

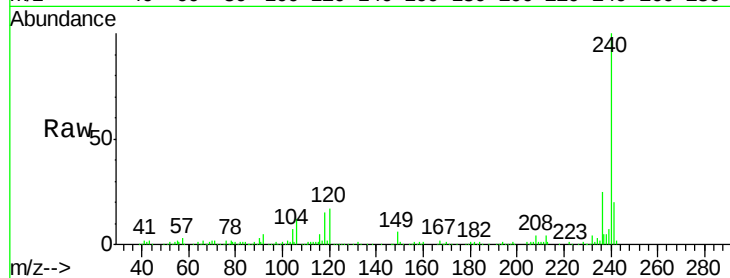
Tgt Ion:240 Resp: 378250

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

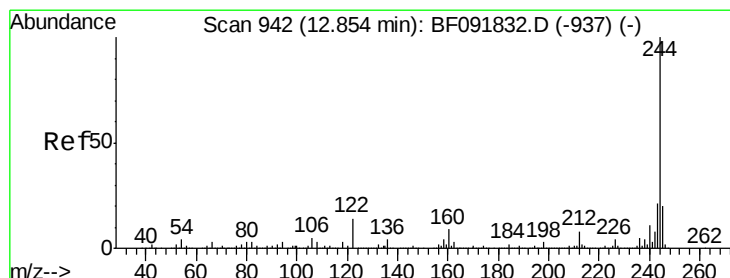
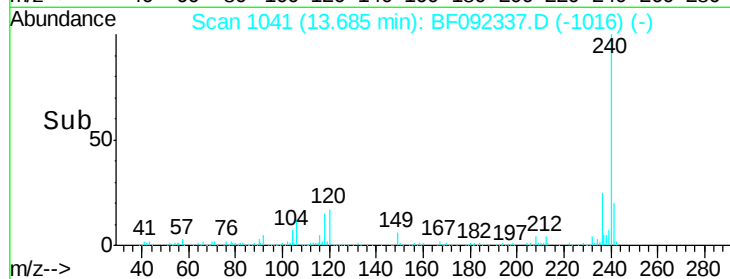
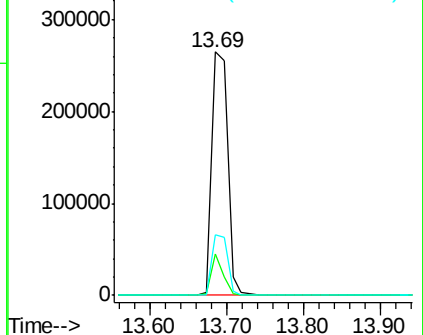
236 24.9 20.9 31.3



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: 75.35 ng

RT: 12.64 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092337.D

Acq: 18 Jan 2017 1:15

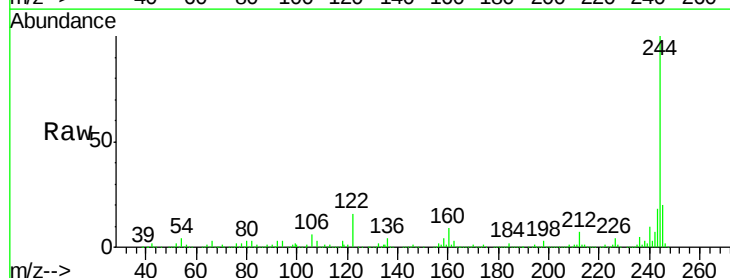
Tgt Ion:244 Resp: 1175115

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

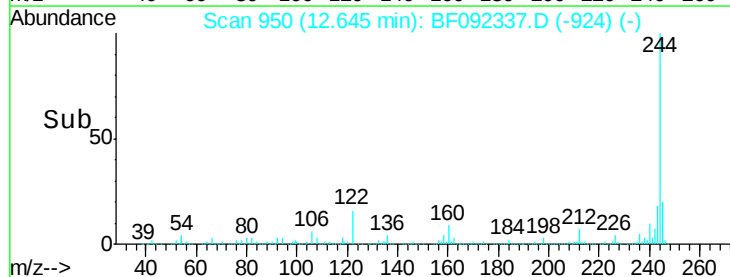
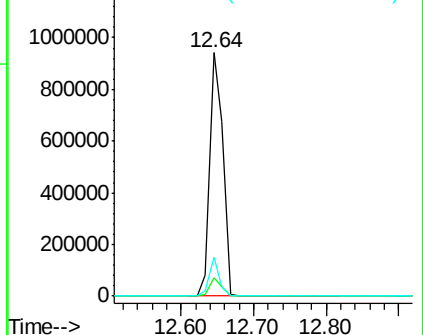
122 16.1 11.4 17.2

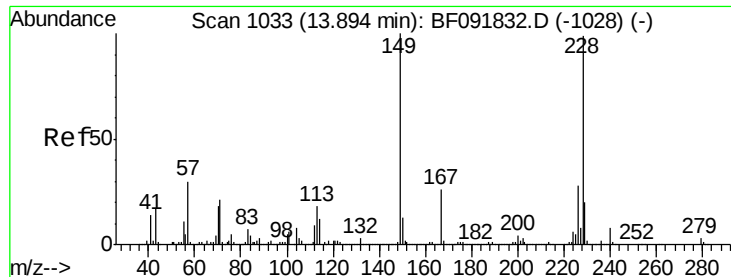


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

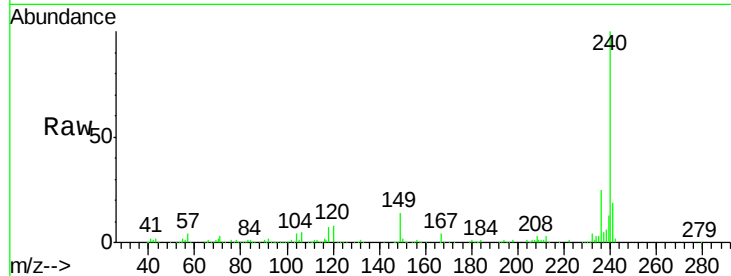




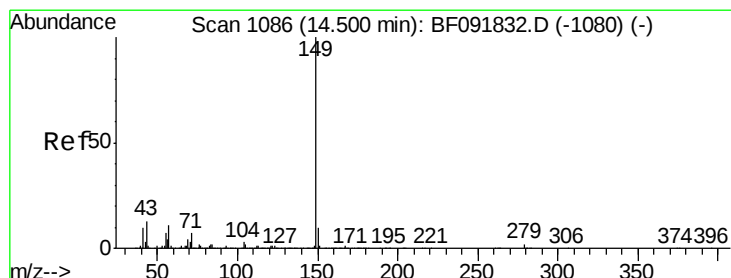
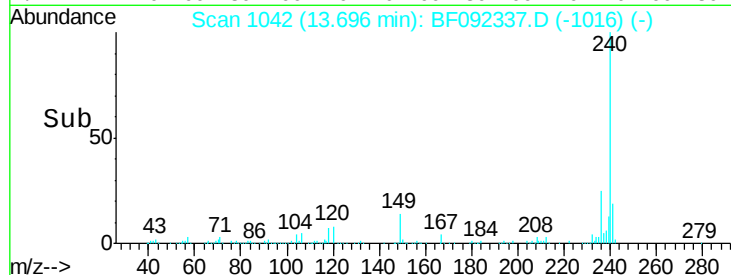
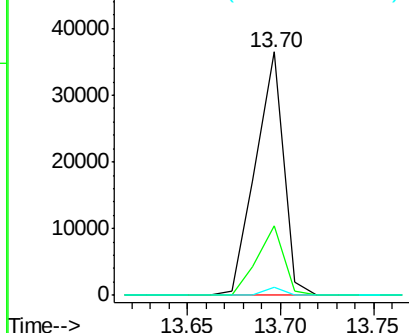
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.59 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF092337.D
 Acq: 18 Jan 2017 1:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tgt Ion:149 Resp: 38565
 Ion Ratio Lower Upper
 149 100
 167 28.5 20.2 30.4
 279 3.4 1.8 2.8#

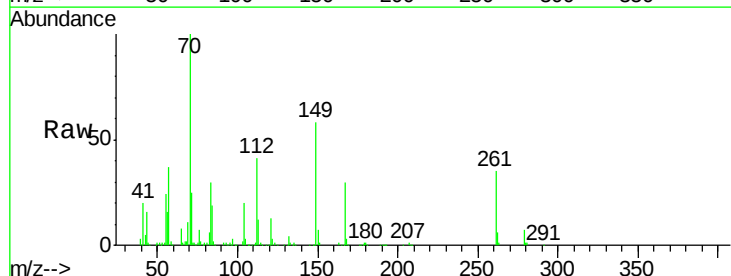


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

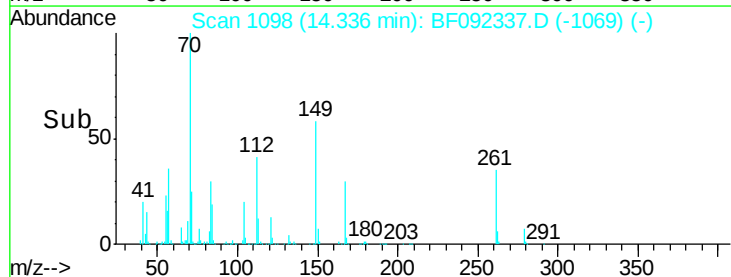
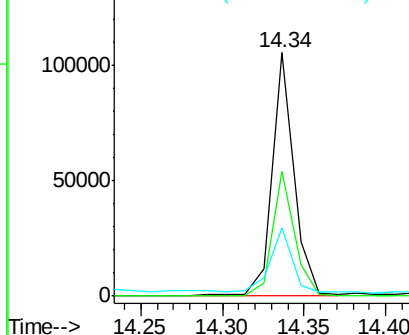


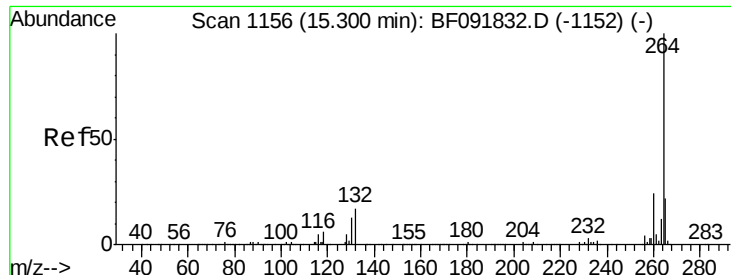
#84
 Di-n-octyl phthalate
 Concen: 3.53 ng
 RT: 14.34 min Scan# 1098
 Delta R.T. 0.03 min
 Lab File: BF092337.D
 Acq: 18 Jan 2017 1:15

Tgt Ion:149 Resp: 97217
 Ion Ratio Lower Upper
 149 100
 167 52.0 1.3 1.9#
 43 26.5 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF092337.D
Acq: 18 Jan 2017 1:15

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tgt Ion: 264 Resp: 366236
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.0 17.4 26.0

