

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092338.D
 Acq On : 18 Jan 2017 1:43
 Operator : UM/SJ
 Sample : I1162-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Quant Time: Jan 18 03:18:13 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

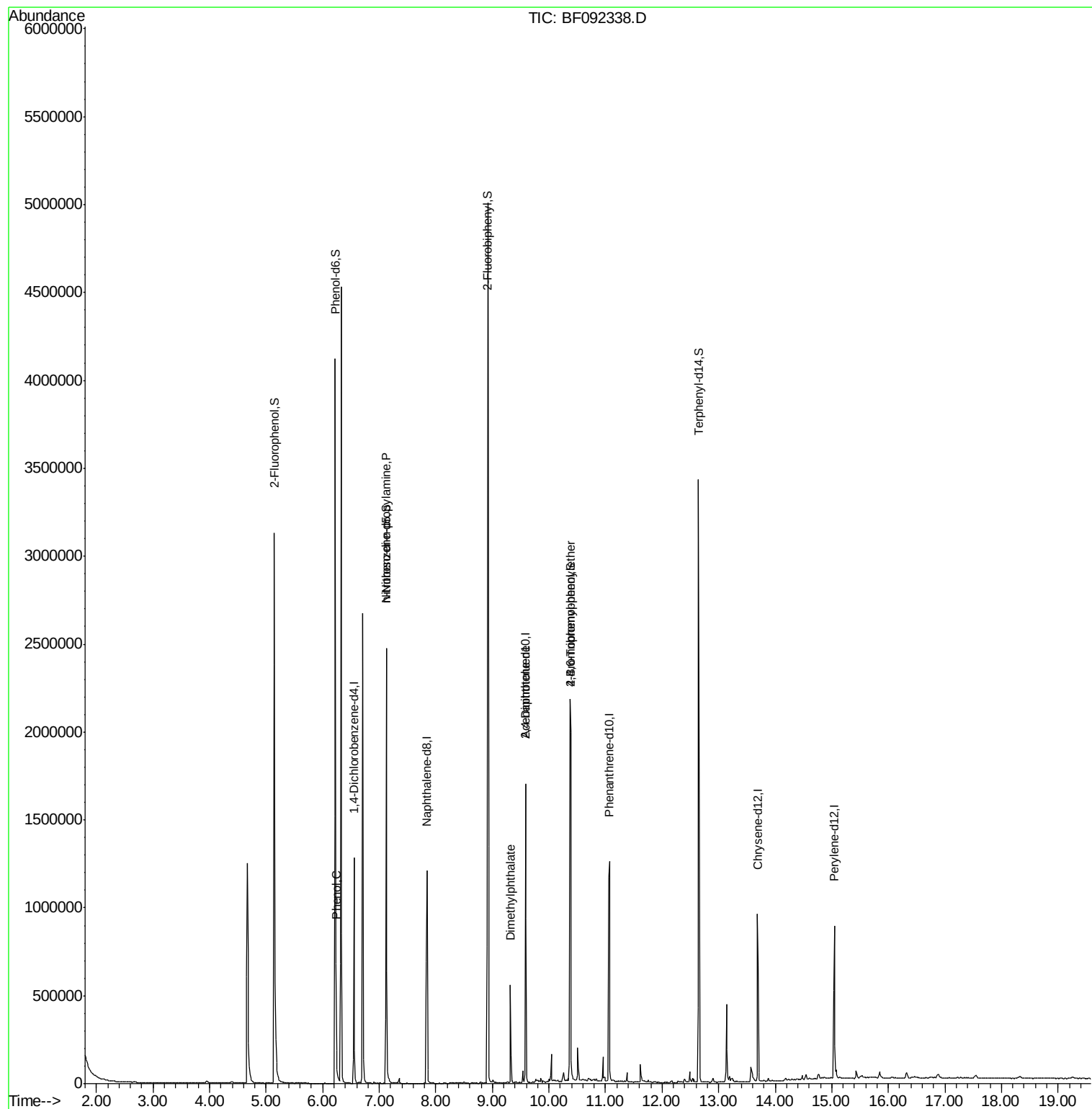
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	195151	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	712251	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	443735	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	694355	20.00	ng	0.00
75) Chrysene-d12	13.69	240	428477	20.00	ng	-0.01
86) Perylene-d12	15.05	264	406994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1354585	115.90	ng	0.01
7) Phenol-d6	6.22	99	1552665	108.81	ng	0.00
23) Nitrobenzene-d5	7.12	82	890205	69.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	419330	114.19	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1674108	75.92	ng	0.00
78) Terphenyl-d14	12.64	244	1344726	76.11	ng	0.00
Target Compounds						
10) Phenol	6.23	94	94104	5.79	ng	# 72
19) n-Nitroso-di-n-propylamine	7.12	70	116123	12.23	ng	# 78
49) Dimethylphthalate	9.32	163	234075	8.25	ng	# 98
56) 2,4-Dinitrotoluene	9.58	165	56447	7.24	ng	# 20
66) 4-Bromophenyl-phenylether	10.38	248	24719	3.42	ng	# 1
71) Anthracene	11.09	178	1864	Below Cal	#	71
73) Di-n-butylphthalate	11.64	149	3198	Below Cal	#	89
74) Fluoranthene	12.28	202	3375	Below Cal		95

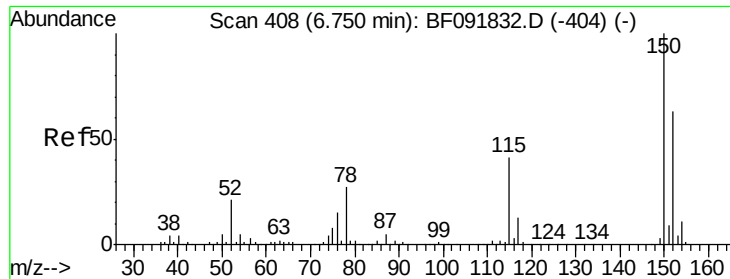
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 03:18:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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QLast Update : Wed Jan 18 00:11:54 2017
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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: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

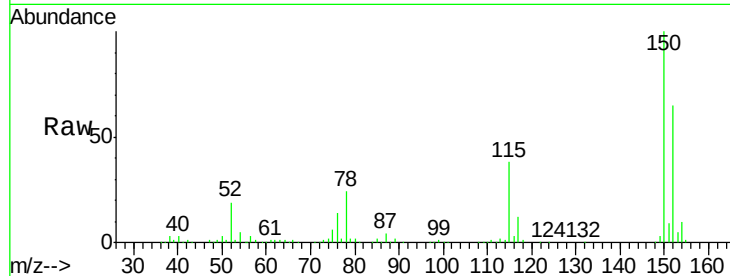
Tgt Ion:152 Resp: 195151

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

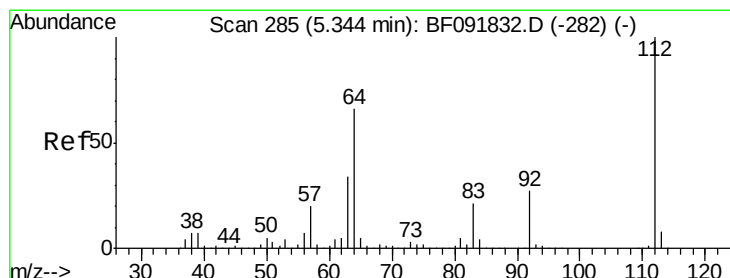
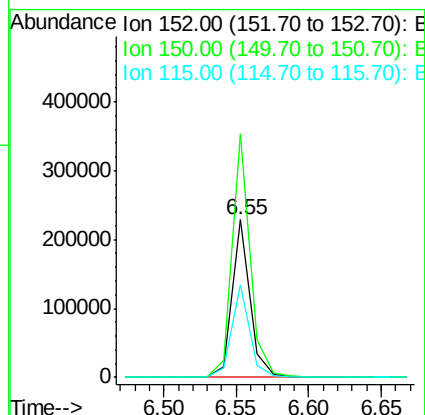
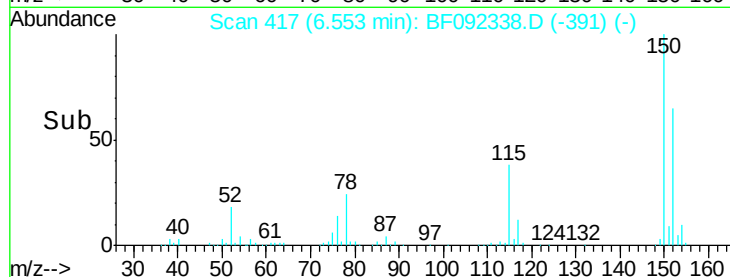
115 58.9 46.0 69.0



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: 115.90 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

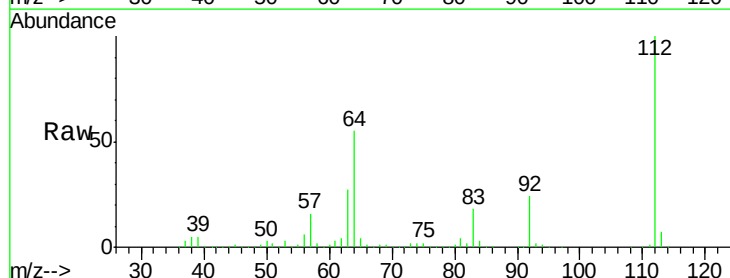
Tgt Ion:112 Resp: 1354585

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

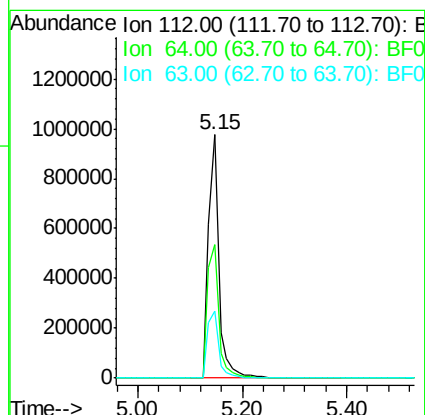
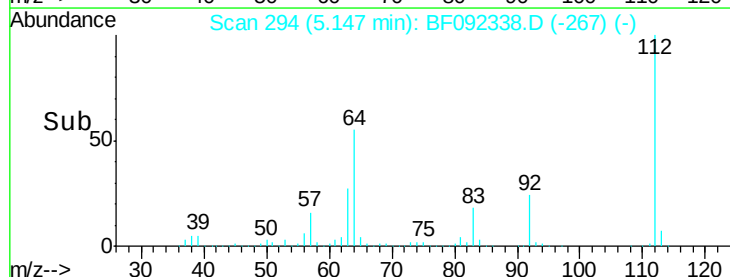
63 27.5 23.8 35.6

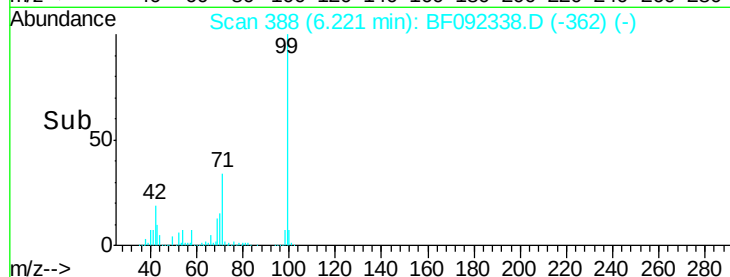
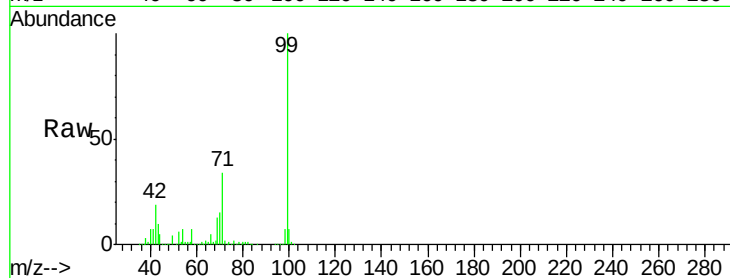
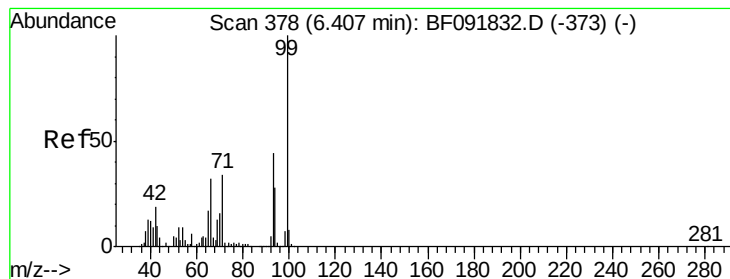


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.81 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

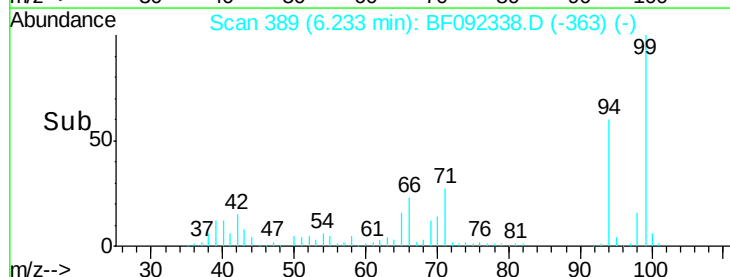
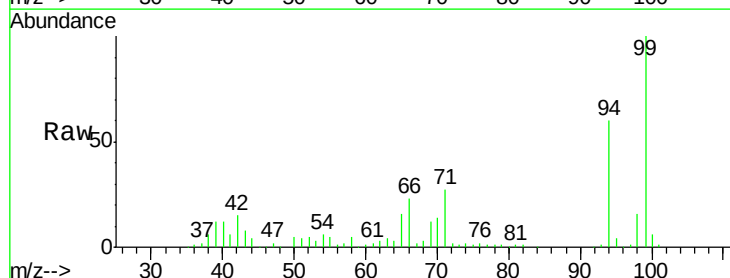
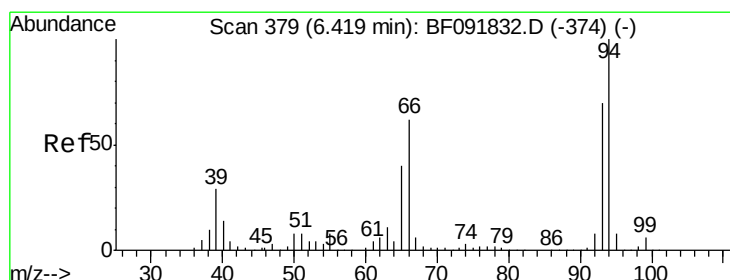
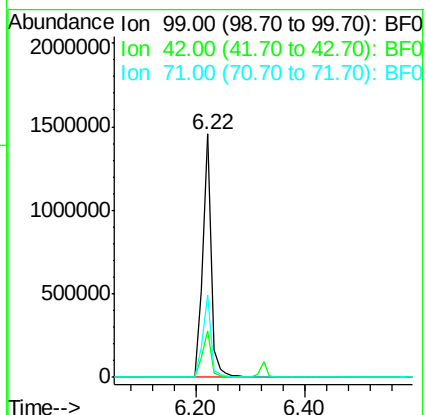
Tgt Ion: 99 Resp: 1552665

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

71 34.0 27.5 41.3



#10

Phenol

Concen: 5.79 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

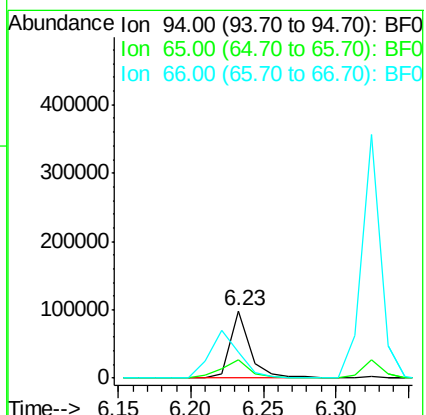
Tgt Ion: 94 Resp: 94104

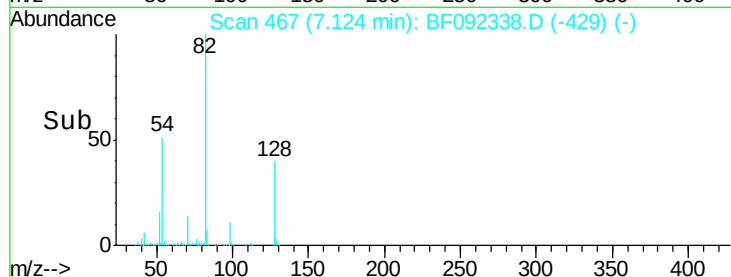
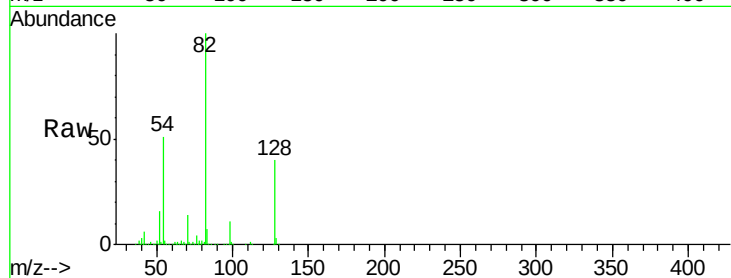
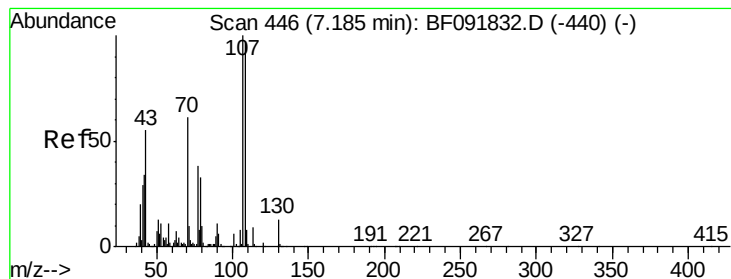
Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

66 38.8 44.0 84.0#





#19

n-Nitroso-di-n-propylamine

Concen: 12.23 ng

RT: 7.12 min Scan# 467

Delta R.T. 0.14 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

Tgt Ion: 70 Resp: 116123

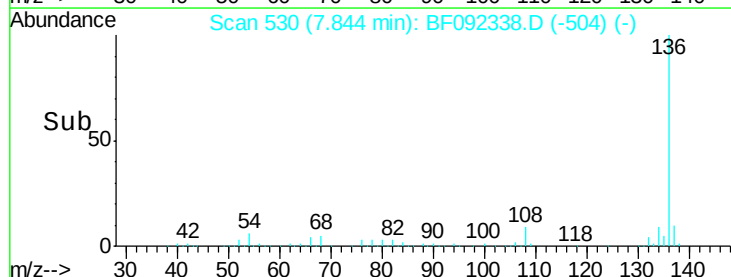
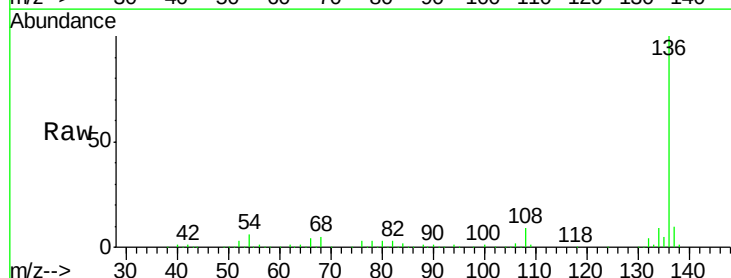
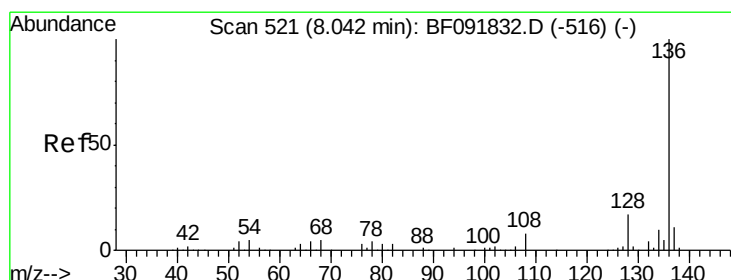
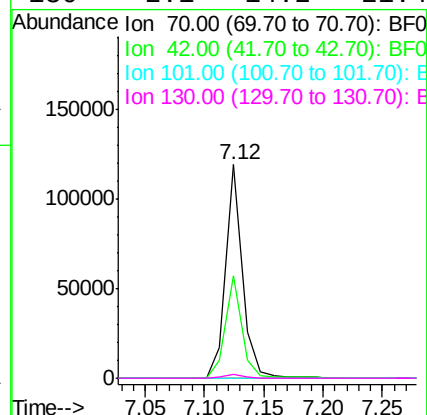
Ion Ratio Lower Upper

70 100

42 47.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 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: BF092338.D

Acq: 18 Jan 2017 1:43

Tgt Ion: 136 Resp: 712251

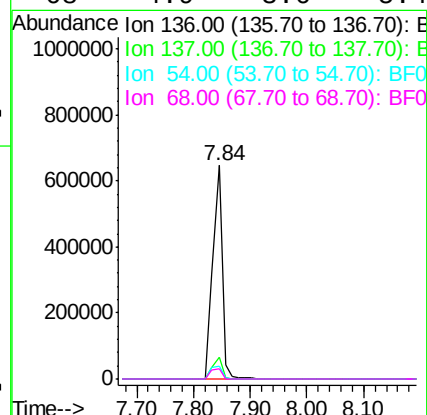
Ion Ratio Lower Upper

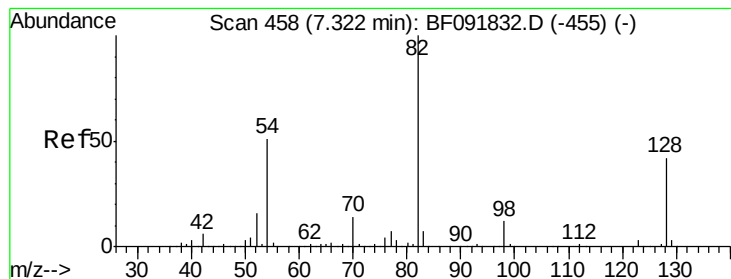
136 100

137 10.3 8.4 12.6

54 6.1 4.5 6.7

68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 69.50 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

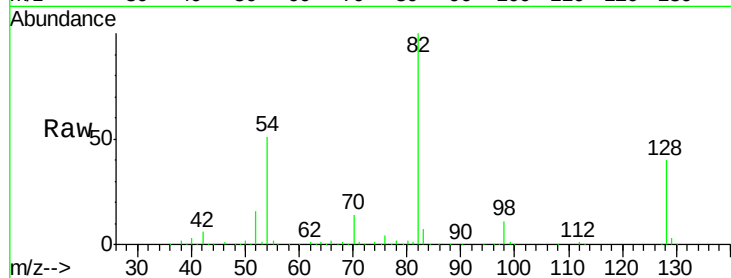
Tgt Ion: 82 Resp: 890205

Ion Ratio Lower Upper

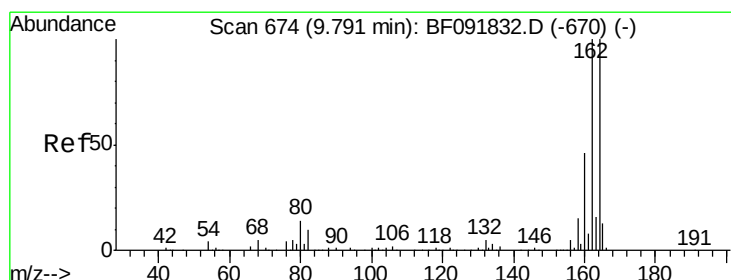
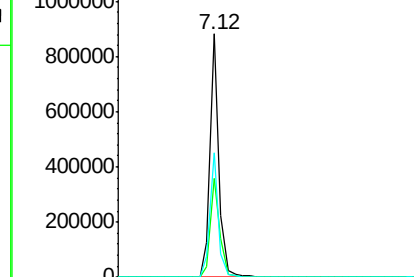
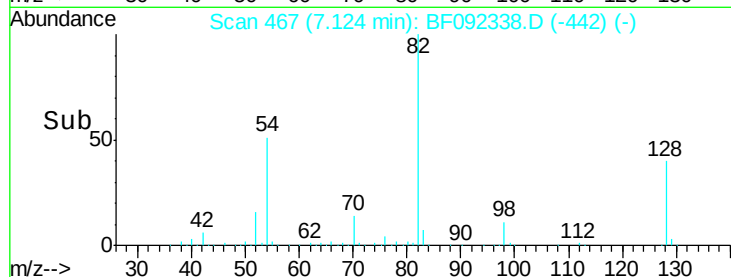
82 100

128 40.4 34.6 52.0

54 51.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
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: BF092338.D

Acq: 18 Jan 2017 1:43

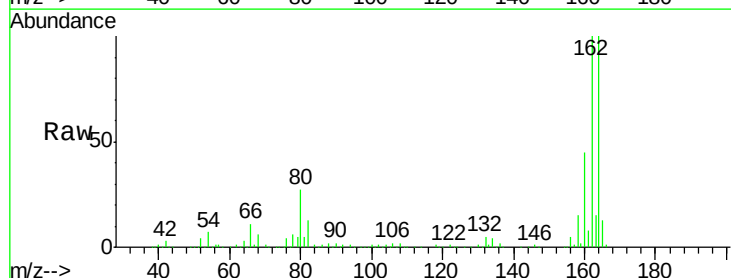
Tgt Ion: 164 Resp: 443735

Ion Ratio Lower Upper

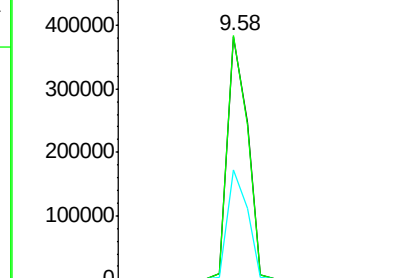
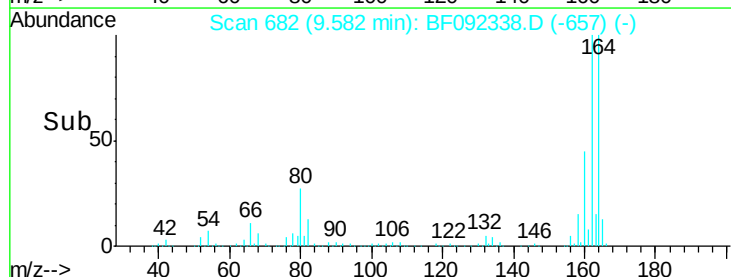
164 100

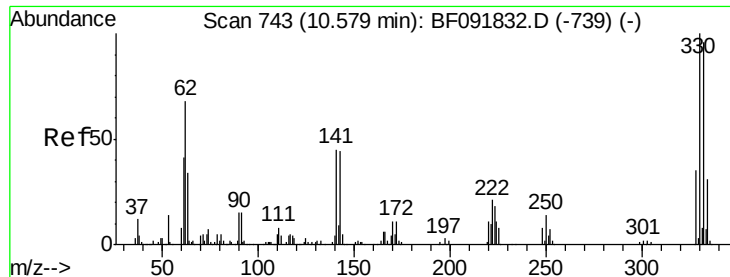
162 100.2 80.2 120.2

160 45.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

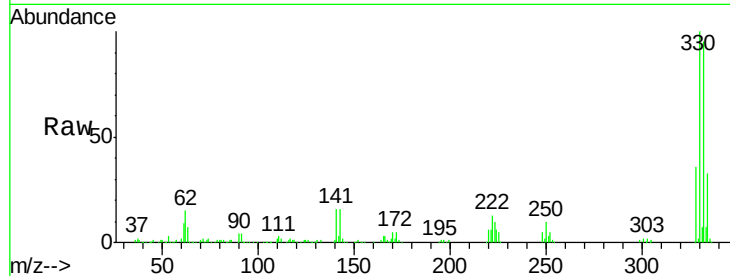




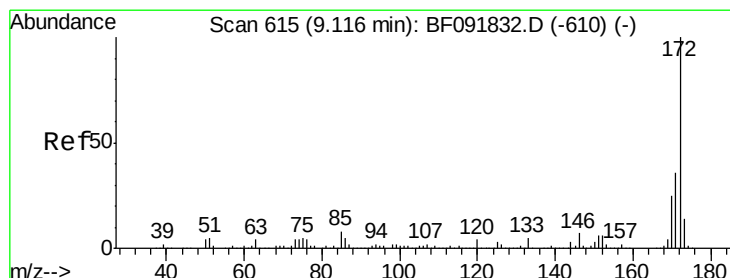
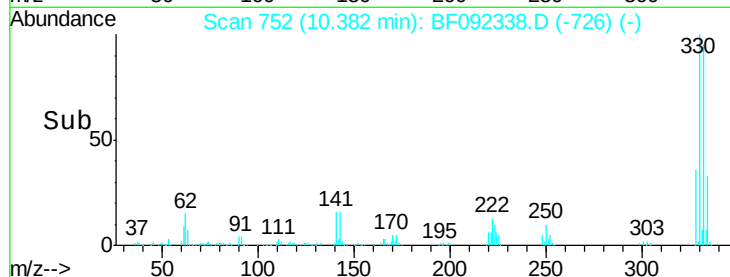
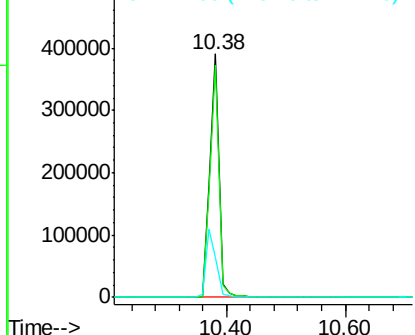
#41
 2,4,6-Tribromophenol
 Concen: 114.19 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092338.D
 Acq: 18 Jan 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Tgt Ion:330 Resp: 419330
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 30.9 34.1 51.1#

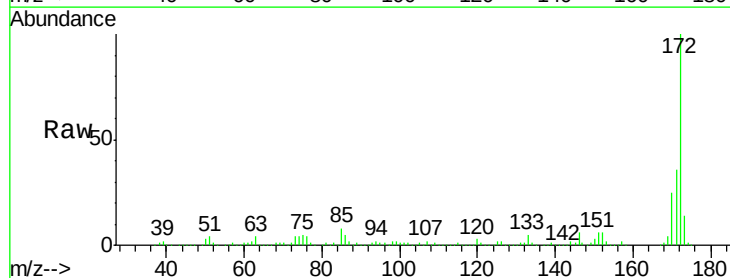


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

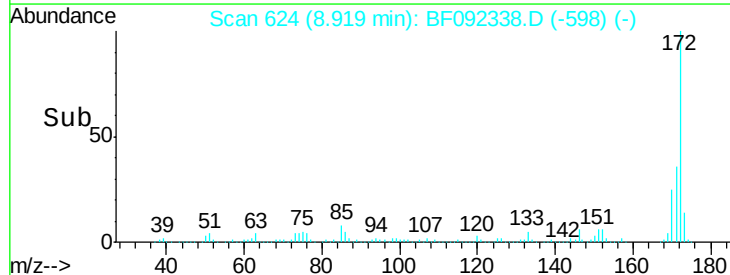
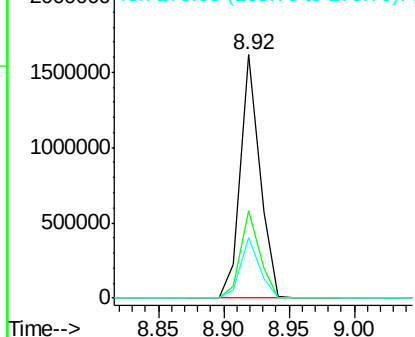


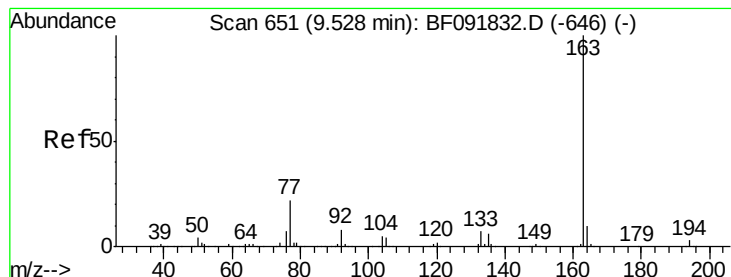
#44
 2-Fluorobiphenyl
 Concen: 75.92 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092338.D
 Acq: 18 Jan 2017 1:43

Tgt Ion:172 Resp: 1674108
 Ion Ratio Lower Upper
 172 100
 171 35.8 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





#49

Dimethylphthalate

Concen: 8.25 ng

RT: 9.32 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

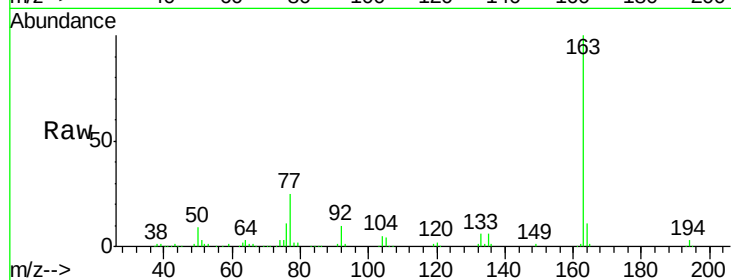
Tgt Ion:163 Resp: 234075

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

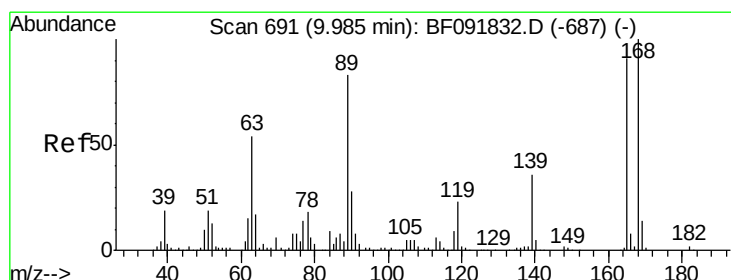
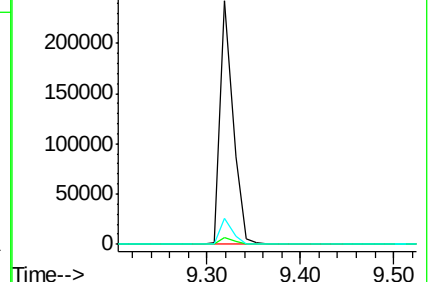
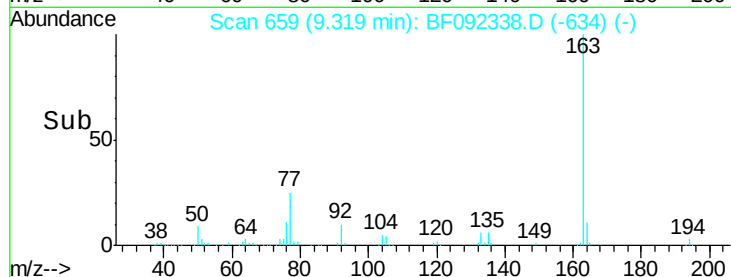
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 7.24 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Tgt Ion:165 Resp: 56447

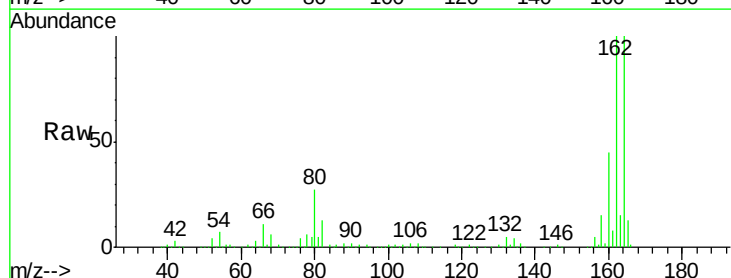
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

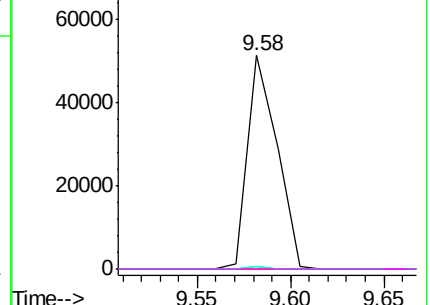
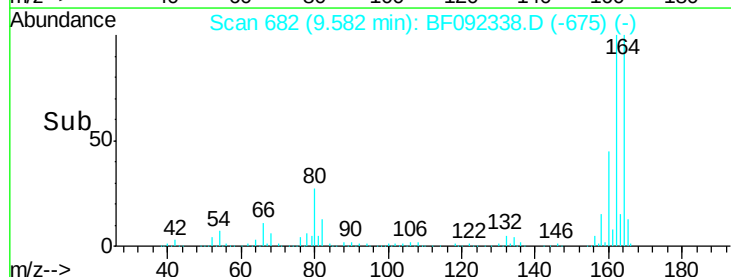


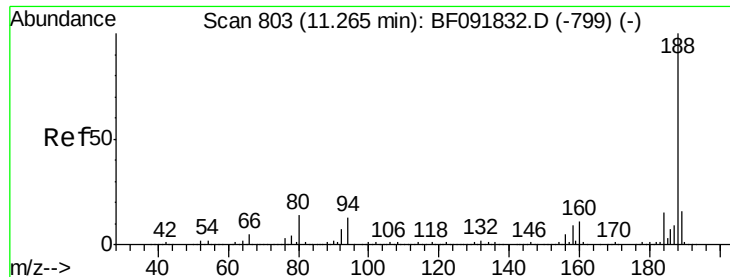
Abundance Ion 165.00 (164.70 to 165.70): E

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

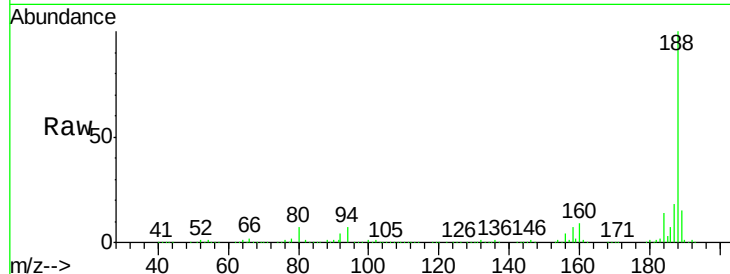




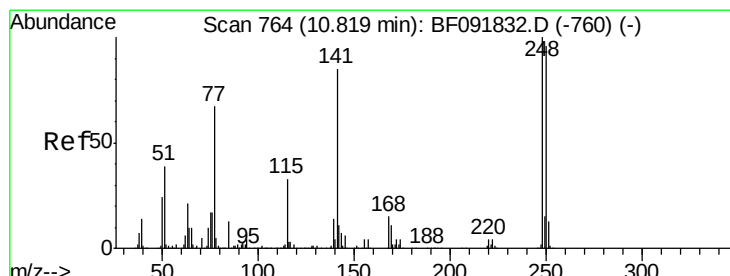
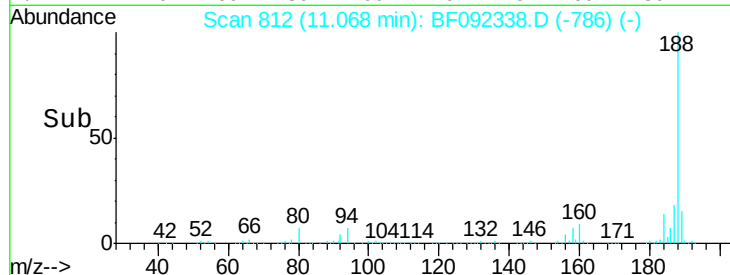
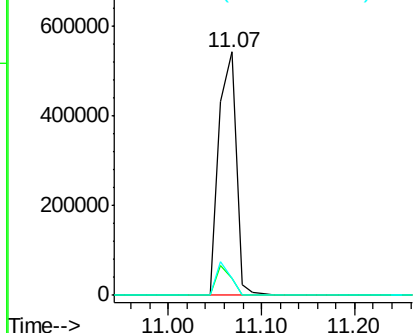
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF092338.D
 Acq: 18 Jan 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Tgt Ion:188 Resp: 694355
 Ion Ratio Lower Upper
 188 100
 94 7.0 10.0 15.0#
 80 7.2 11.2 16.8#

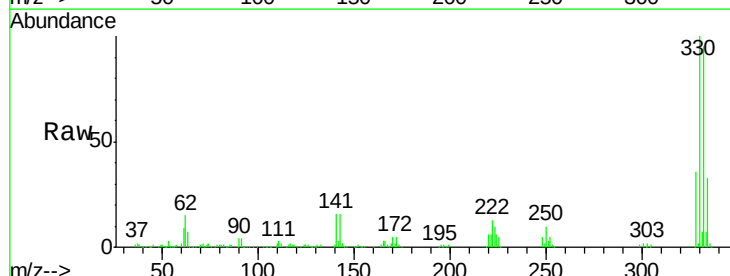


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

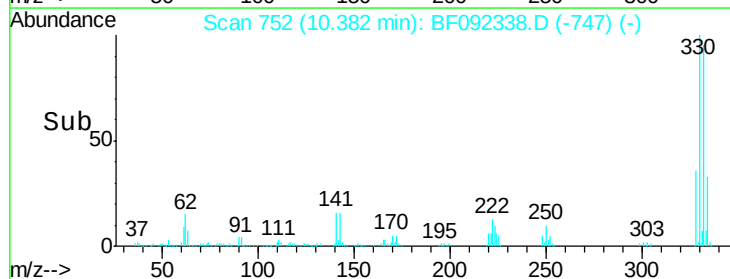
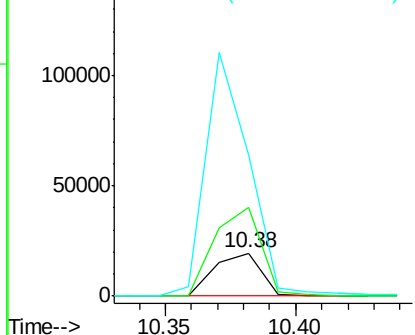


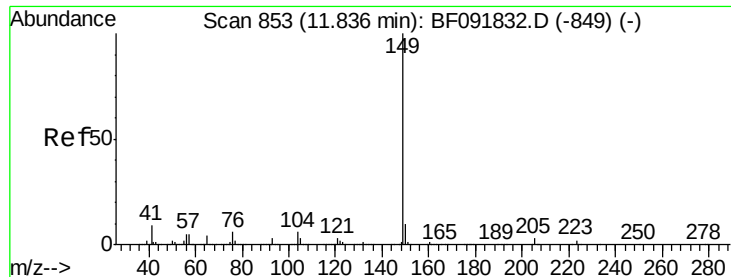
#66
 4-Bromophenyl-phenylether
 Concen: 3.42 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF092338.D
 Acq: 18 Jan 2017 1:43

Tgt Ion:248 Resp: 24719
 Ion Ratio Lower Upper
 248 100
 250 205.4 76.9 115.3#
 141 326.2 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: 11.64 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

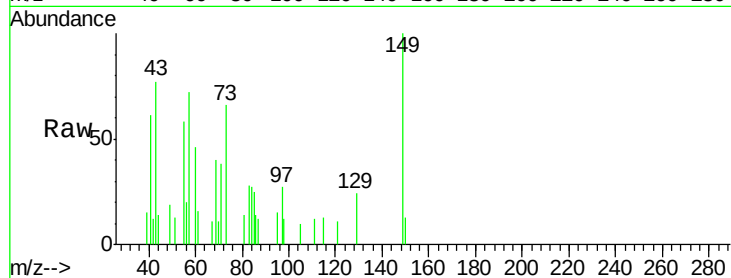
Tgt Ion:149 Resp: 3198

Ion Ratio Lower Upper

149 100

150 12.9 8.1 12.1#

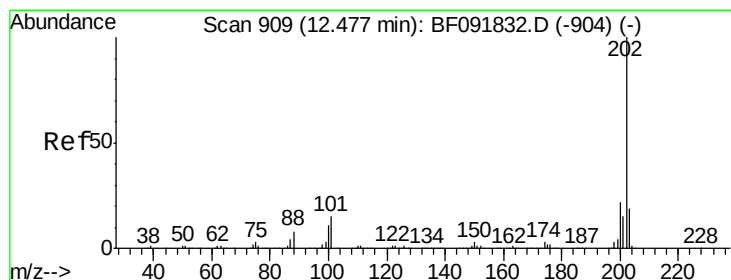
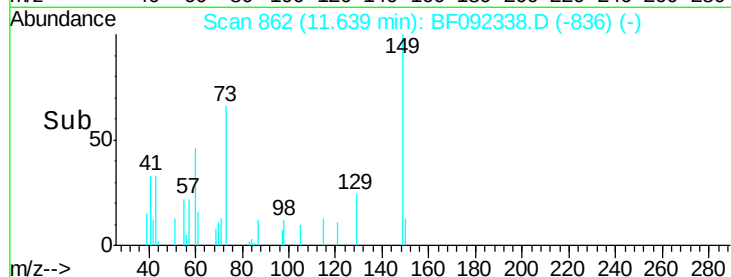
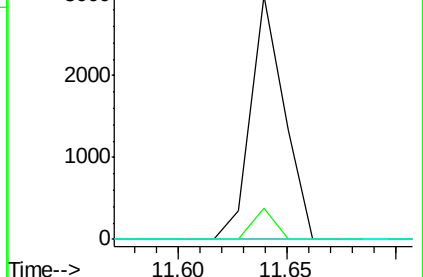
104 0.0 4.6 7.0#



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: BF092338.D

Acq: 18 Jan 2017 1:43

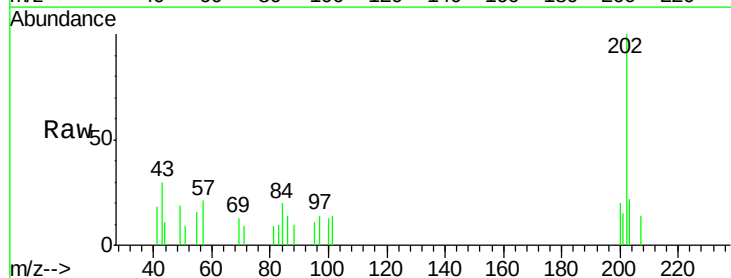
Tgt Ion:202 Resp: 3375

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.6

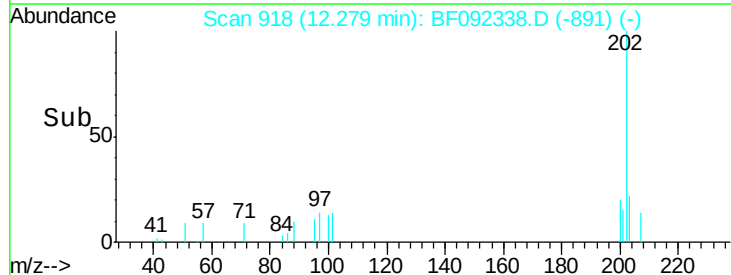
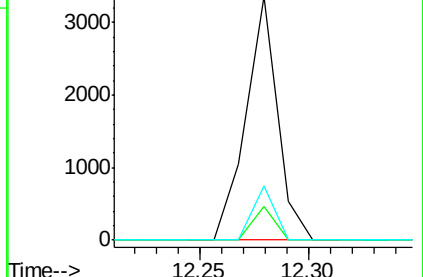
203 22.0 0.0 38.7

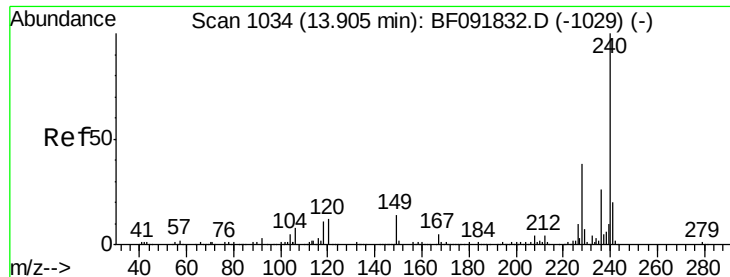


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

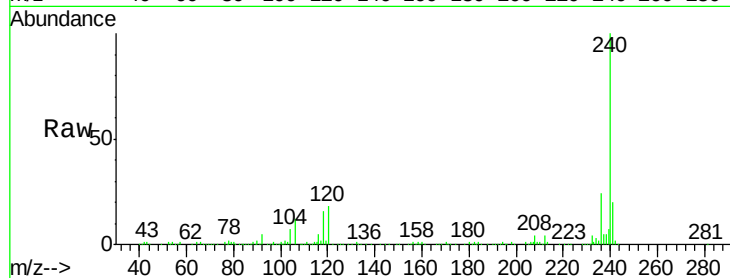
Tgt Ion:240 Resp: 428477

Ion Ratio Lower Upper

240 100

120 17.7 12.9 19.3

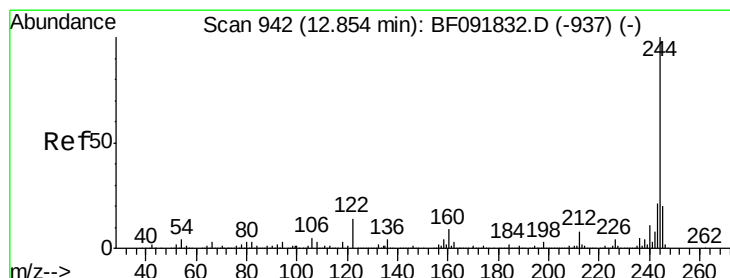
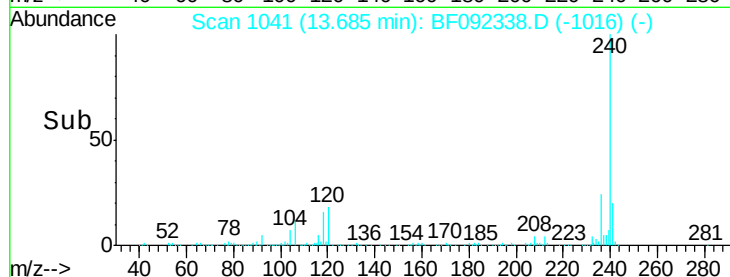
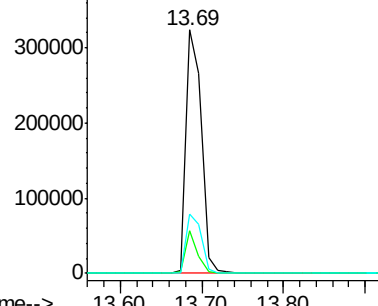
236 24.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 76.11 ng

RT: 12.64 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

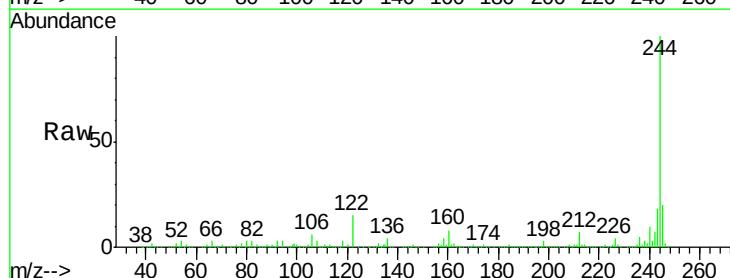
Tgt Ion:244 Resp: 1344726

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

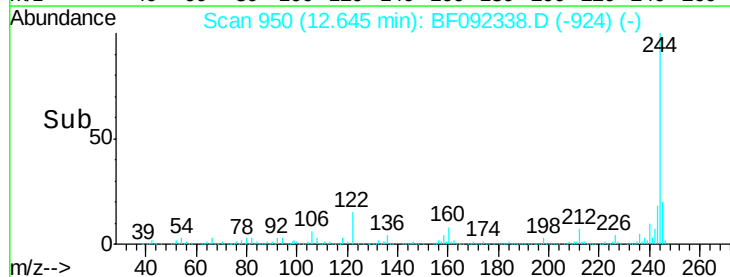
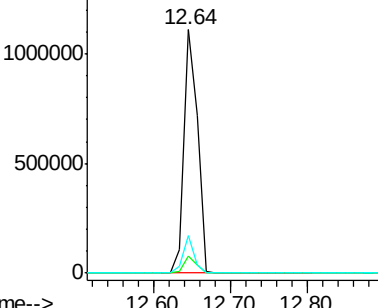
122 15.2 11.4 17.2

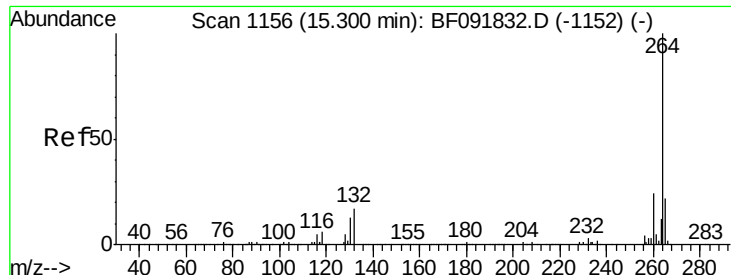


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	17.4	26.0

