

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092362.D
 Acq On : 18 Jan 2017 20:26
 Operator : UM/SJ
 Sample : I1271-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Quant Time: Jan 19 00:08:03 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	6.70	152	515157	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	838889	20.00	ng	-0.10
38) Acenaphthene-d10	9.57	164	364751	20.00	ng	-0.11
63) Phenanthrene-d10	11.06	188	519224	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	450101	20.00	ng	-0.10
86) Perylene-d12	15.03	264	336422	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	1121164	36.34	ng	-0.11
7) Phenol-d6	6.21	99	1384517	36.76	ng	-0.10
23) Nitrobenzene-d5	7.11	82	898086	59.53	ng	-0.10
41) 2,4,6-Tribromophenol	10.37	330	325527	107.84	ng	-0.10
44) 2-Fluorobiphenyl	8.91	172	1590917	90.15	ng	-0.10
78) Terphenyl-d14	12.65	244	1273238	68.61	ng	-0.10

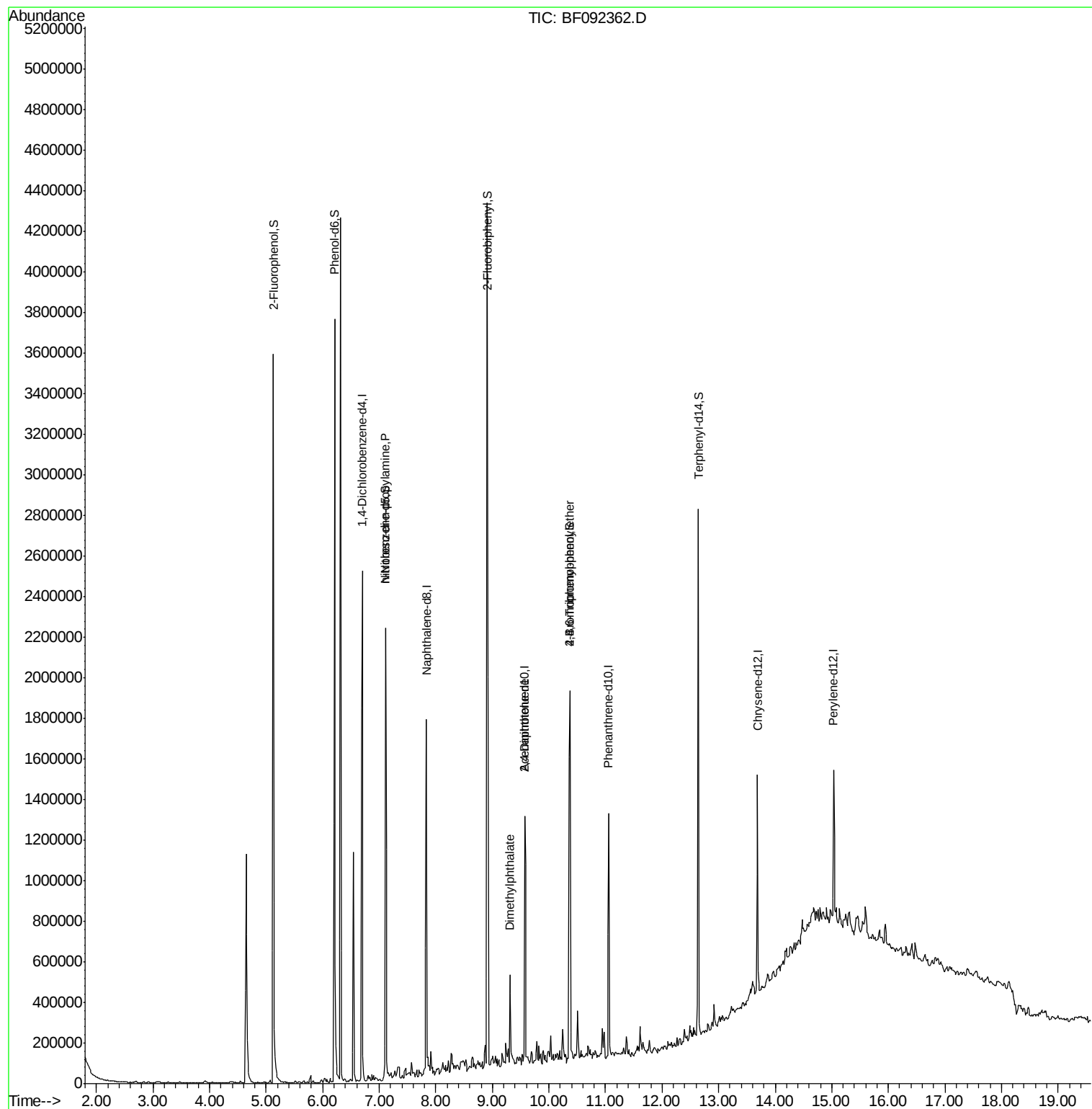
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.21	77	3533	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	118830	4.74	ng	76
49) Dimethylphthalate	9.31	163	205242	8.80	ng	99
56) 2,4-Dinitrotoluene	9.57	165	48097	7.50	ng	21
66) 4-Bromophenyl-phenylether	10.37	248	20553	3.81	ng	1
71) Anthracene	11.14	178	3603	Below Cal	#	77
73) Di-n-butylphthalate	11.63	149	2615	Below Cal	#	77
74) Fluoranthene	12.27	202	18894	Below Cal	#	92
76) Benzydine	12.30	184	951	Below Cal	#	1

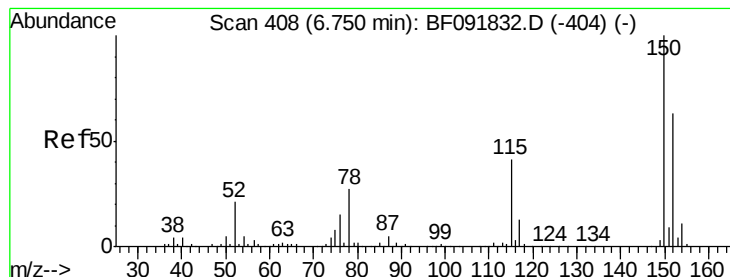
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 430

Delta R.T. 0.06 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Instrument :

BNA_F

ClientSampleID :

SS-01

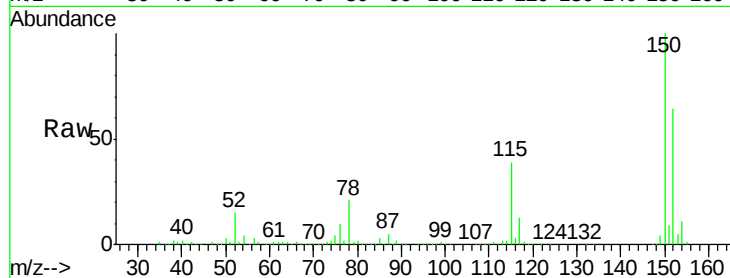
Tgt Ion:152 Resp: 515157

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

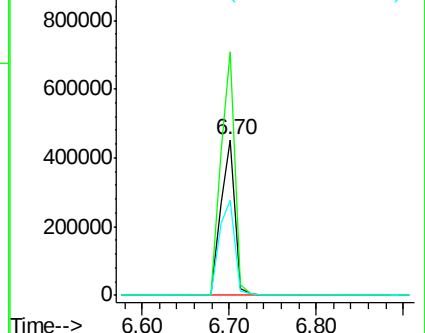
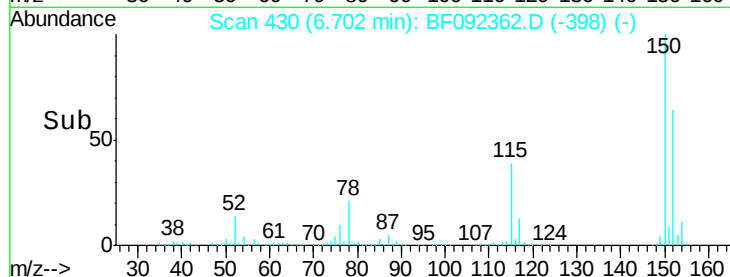
115 61.0 46.0 69.0



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: 36.34 ng

RT: 5.12 min Scan# 292

Delta R.T. -0.11 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

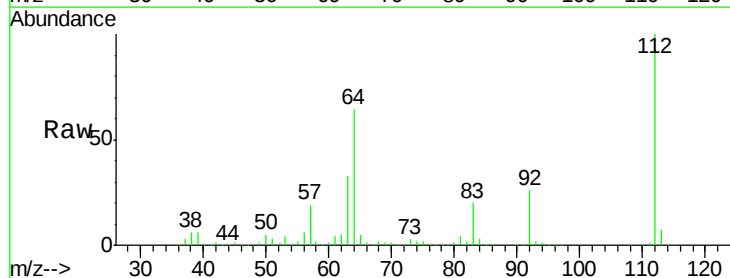
Tgt Ion:112 Resp: 1121164

Ion Ratio Lower Upper

112 100

64 63.8 46.1 69.1

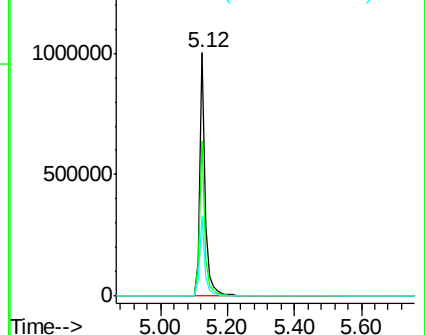
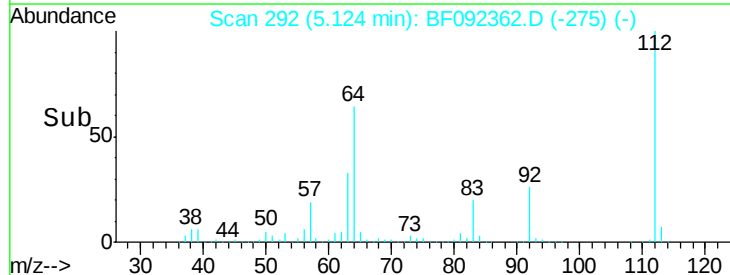
63 32.6 23.8 35.6



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: 36.76 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.10 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Instrument :

BNA_F

ClientSampleId :

SS-01

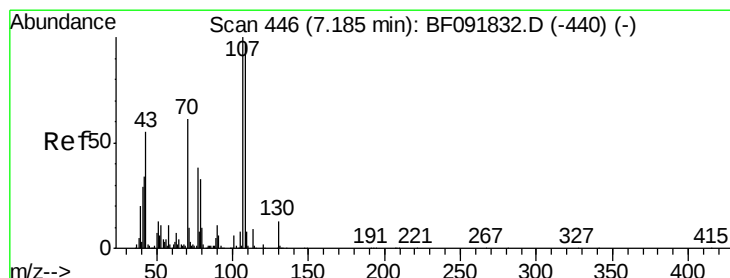
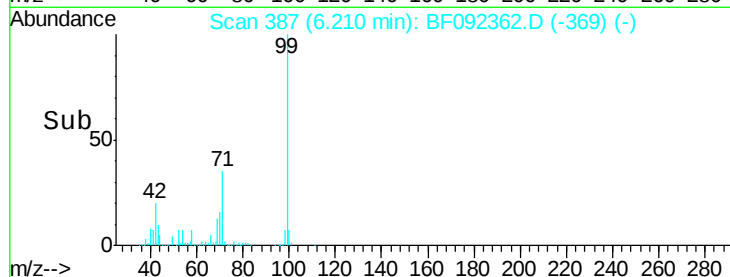
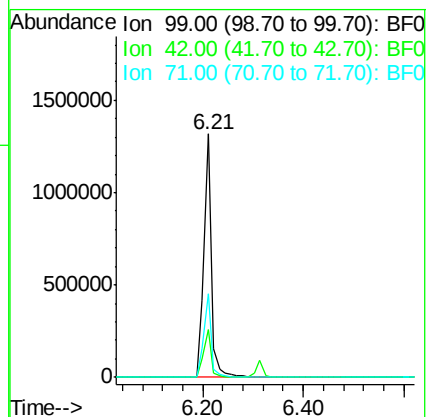
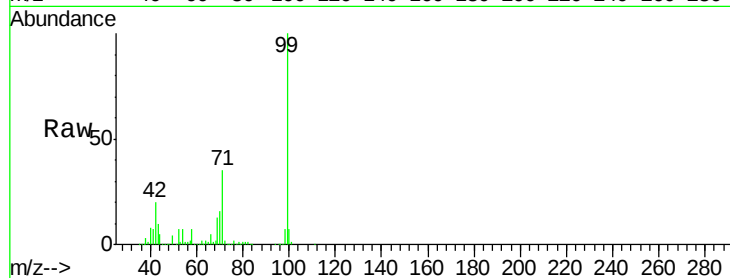
Tgt Ion: 99 Resp: 1384517

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 34.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.74 ng

RT: 7.11 min Scan# 466

Delta R.T. 0.04 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Tgt Ion: 70 Resp: 118830

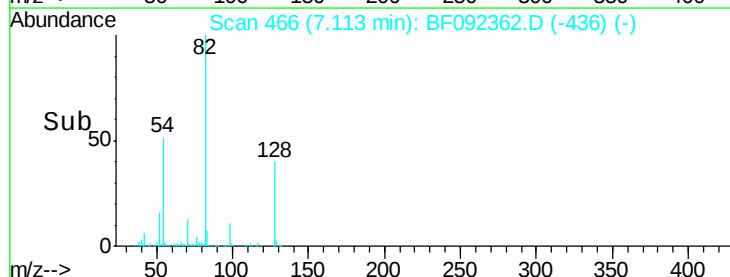
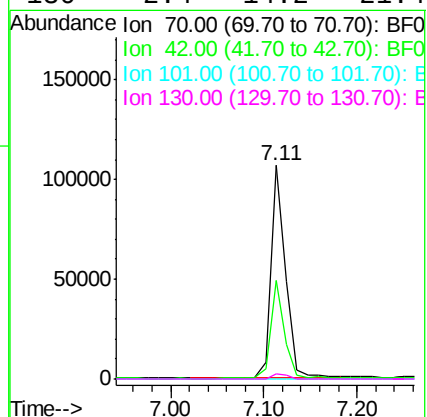
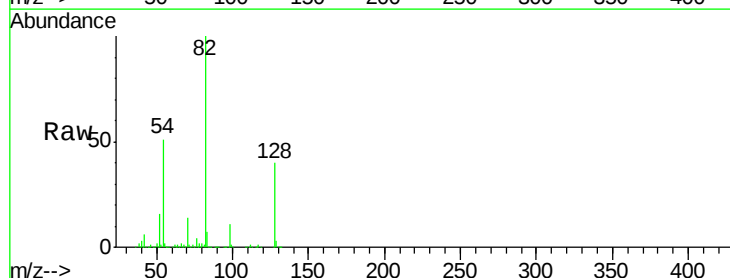
Ion Ratio Lower Upper

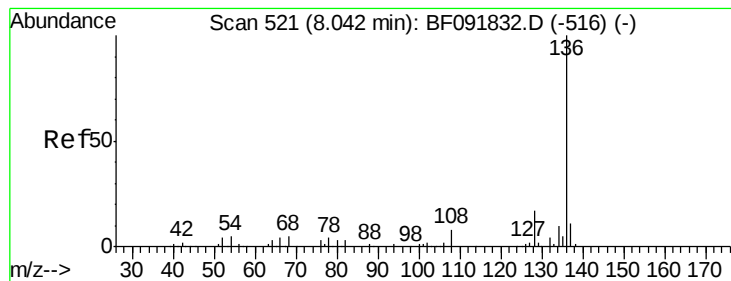
70 100

42 46.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.10 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Instrument :

BNA_F

ClientSampled :

SS-01

Tgt Ion: 136 Resp: 838889

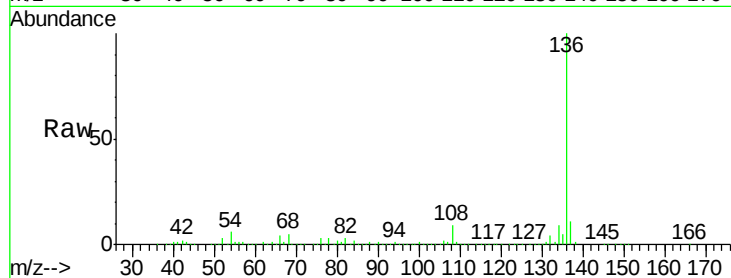
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.3 4.5 6.7

68 5.3 3.6 5.4

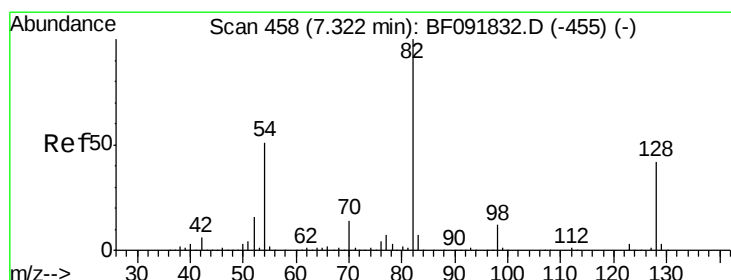
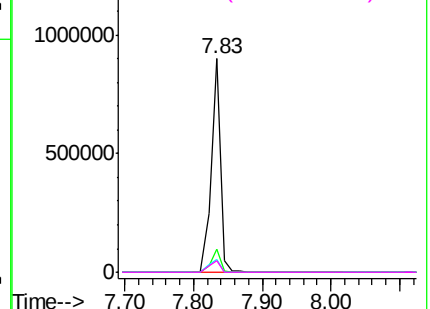
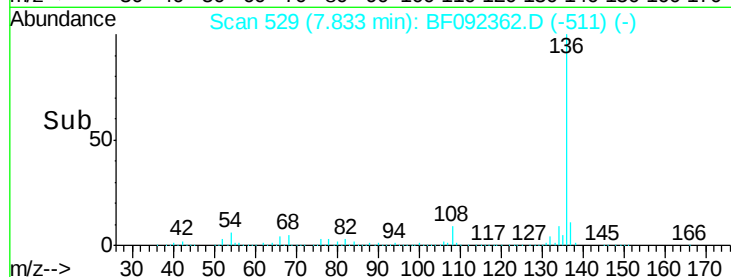


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.53 ng

RT: 7.11 min Scan# 466

Delta R.T. -0.10 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

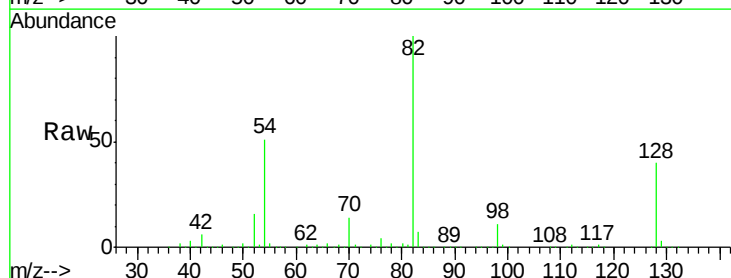
Tgt Ion: 82 Resp: 898086

Ion Ratio Lower Upper

82 100

128 39.5 34.6 52.0

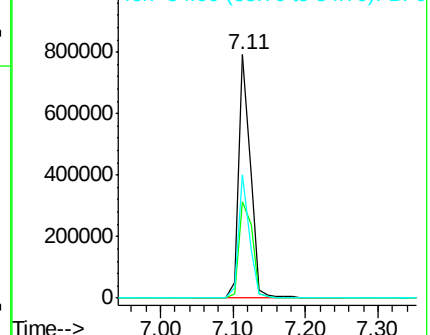
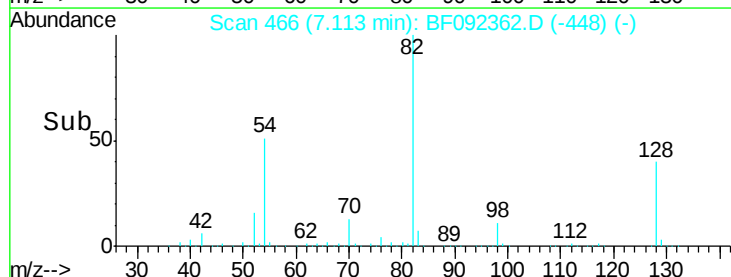
54 50.8 39.5 59.3

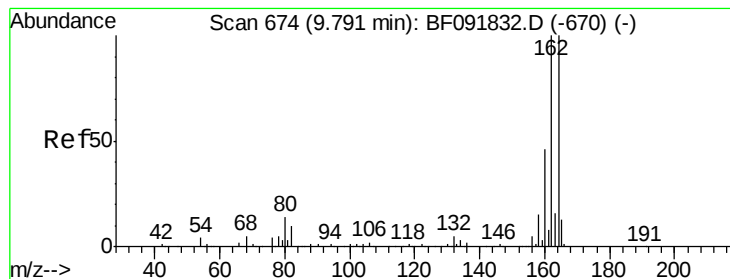


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.57 min Scan# 681

Delta R.T. -0.11 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Instrument :

BNA_F

ClientSampleId :

SS-01

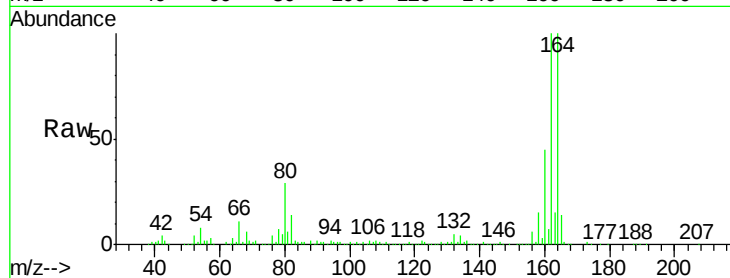
Tgt Ion:164 Resp: 364751

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

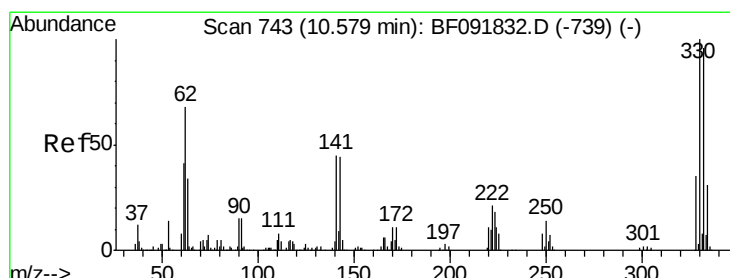
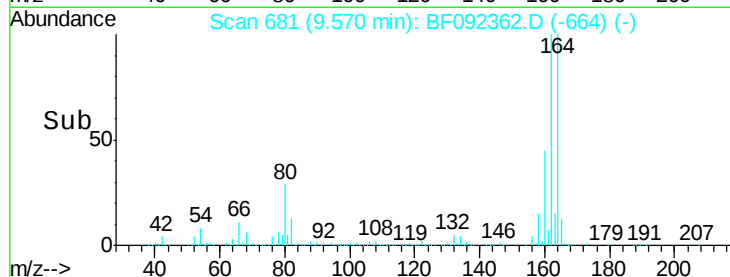
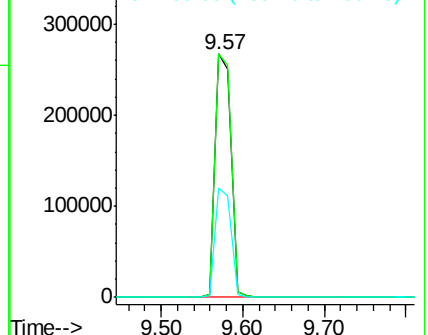
160 44.9 36.9 55.3



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: 107.84 ng

RT: 10.37 min Scan# 751

Delta R.T. -0.10 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

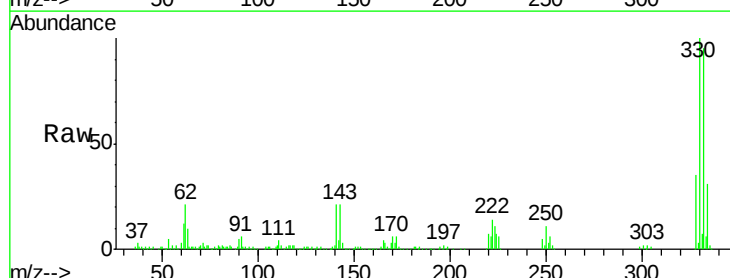
Tgt Ion:330 Resp: 325527

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

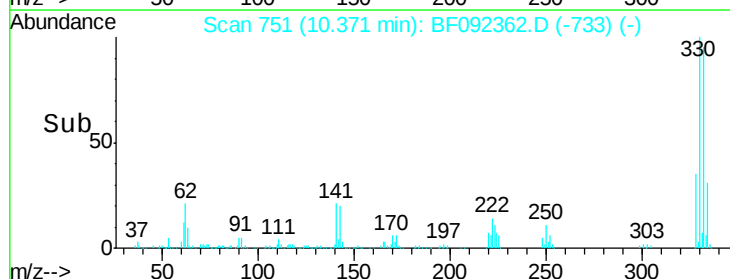
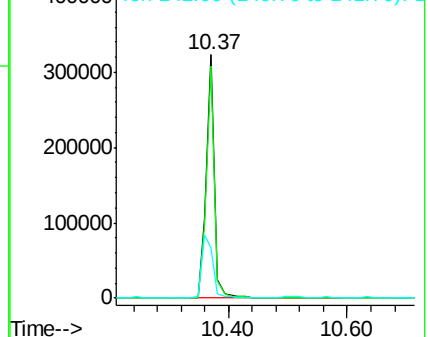
141 34.1 34.1 51.1

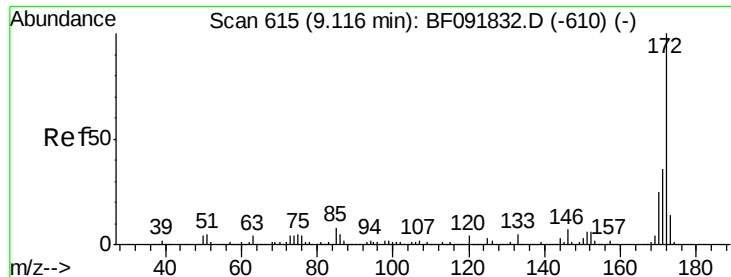


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

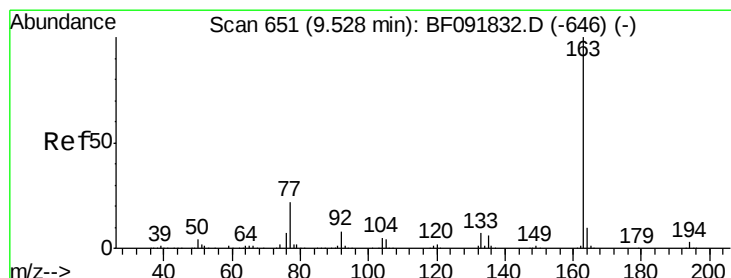
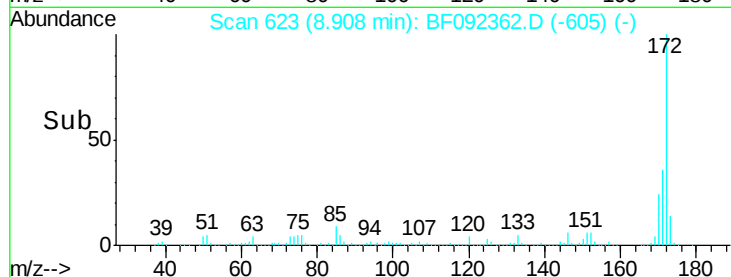
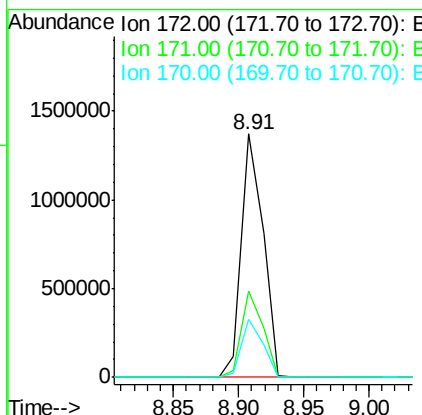
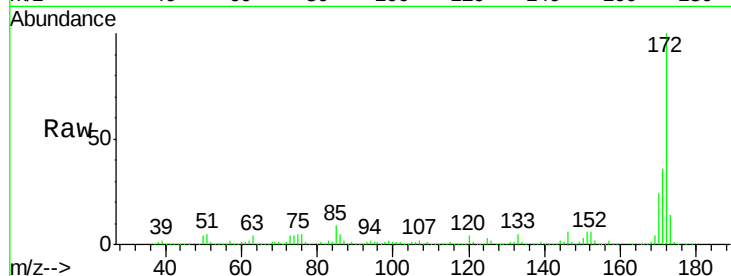




#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.10 min
 Lab File: BF092362.D
 Acq: 18 Jan 2017 20:26

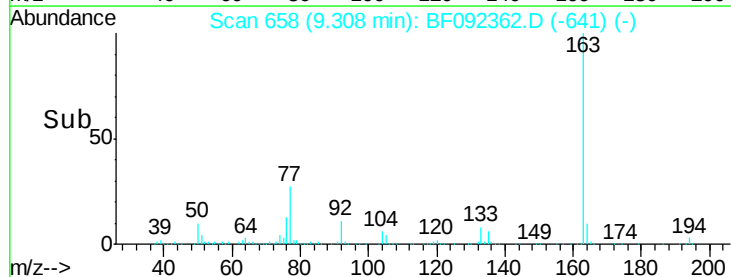
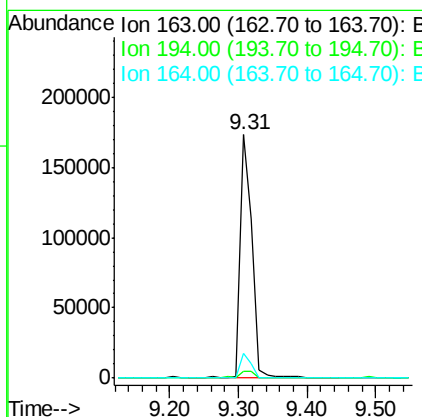
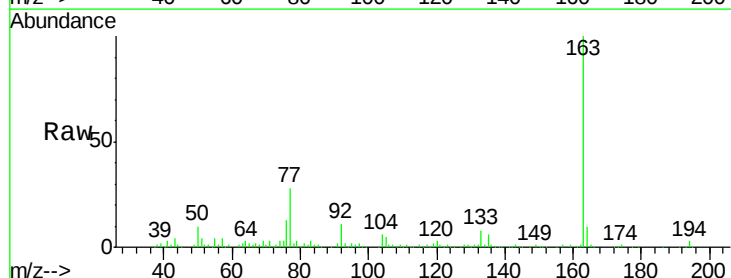
Instrument :
 BNA_F
 ClientSampleId :
 SS-01

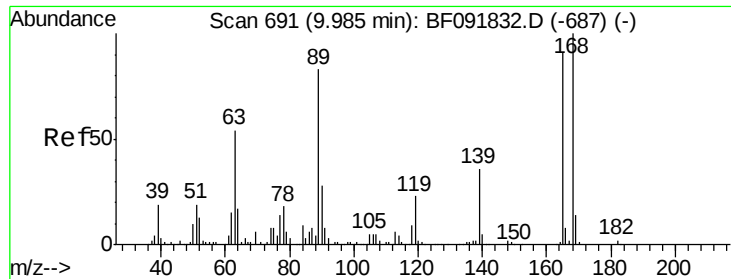
Tgt Ion:172 Resp: 1590917
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.1 20.2 30.4



#49
 Dimethylphthalate
 Concen: 8.80 ng
 RT: 9.31 min Scan# 658
 Delta R.T. -0.11 min
 Lab File: BF092362.D
 Acq: 18 Jan 2017 20:26

Tgt Ion:163 Resp: 205242
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.4 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 7.50 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.32 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Instrument :

BNA_F

ClientSampleId :

SS-01

Tgt Ion:165 Resp: 48097

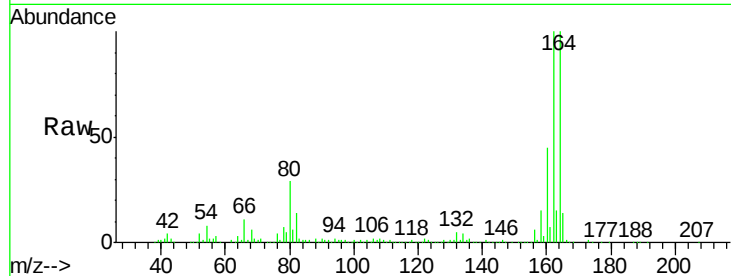
Ion Ratio Lower Upper

165 100

63 1.9 40.2 60.4#

89 1.8 62.5 93.7#

182 0.0 1.8 2.8#

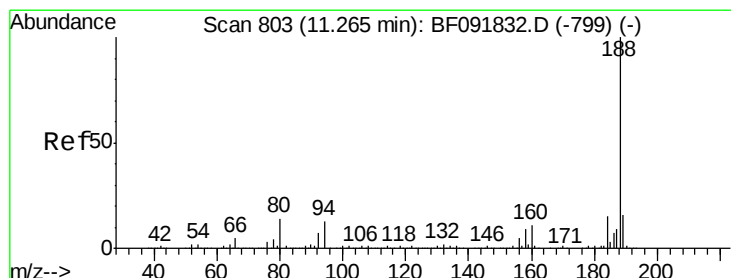
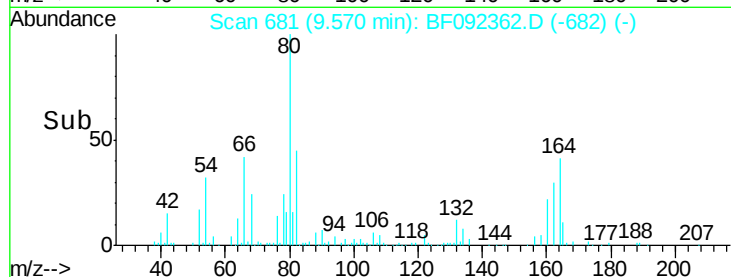
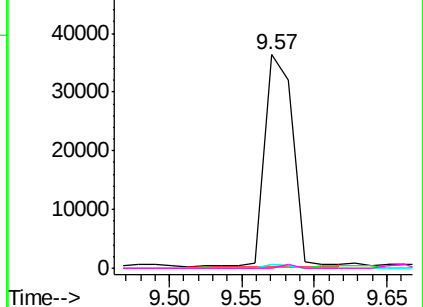


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF092362.D

Acq: 18 Jan 2017 20:26

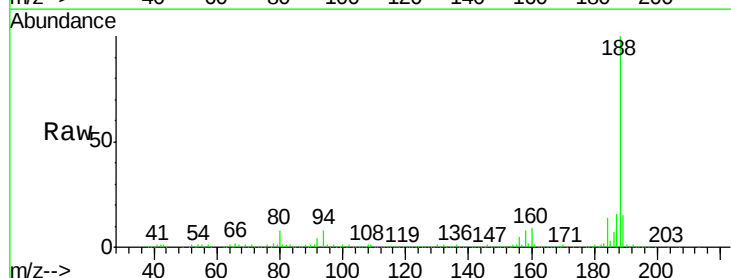
Tgt Ion:188 Resp: 519224

Ion Ratio Lower Upper

188 100

94 8.0 10.0 15.0#

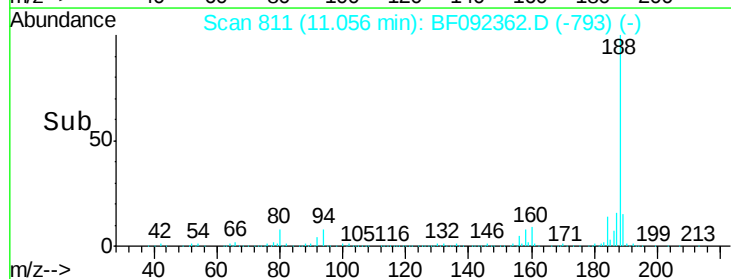
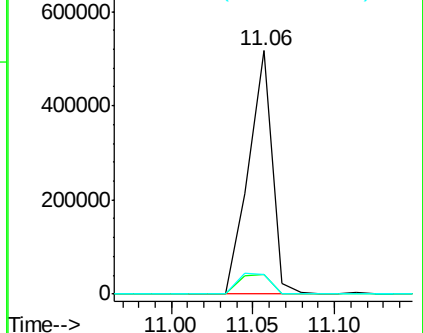
80 7.9 11.2 16.8#

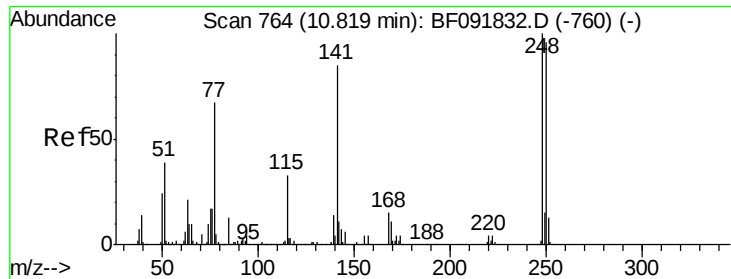


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

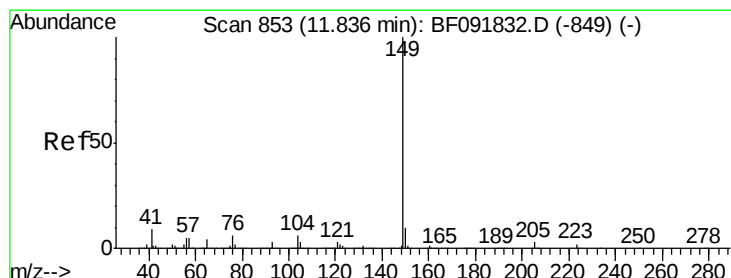
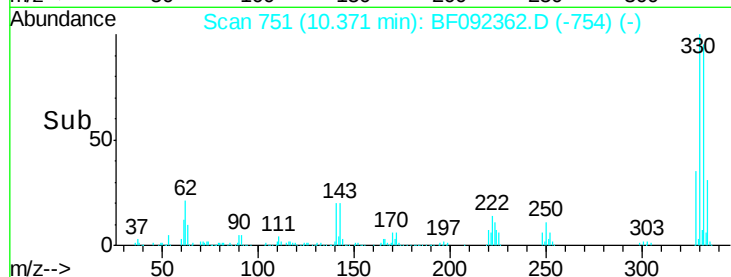
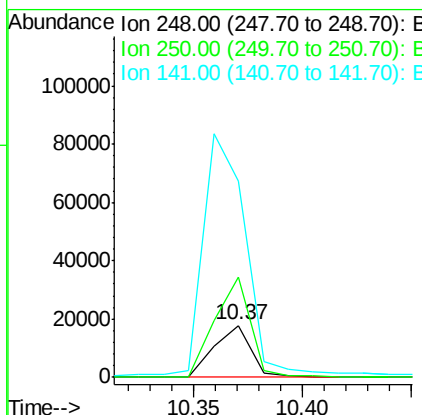
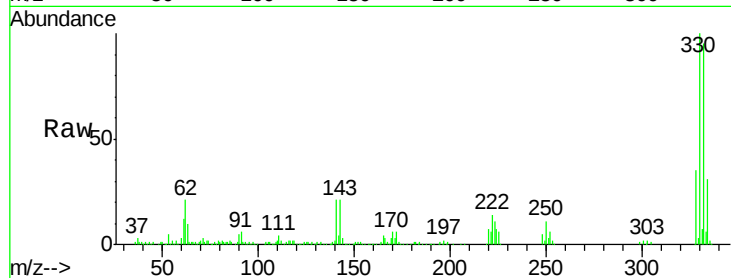




#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.34 min
Lab File: BF092362.D
Acq: 18 Jan 2017 20:26

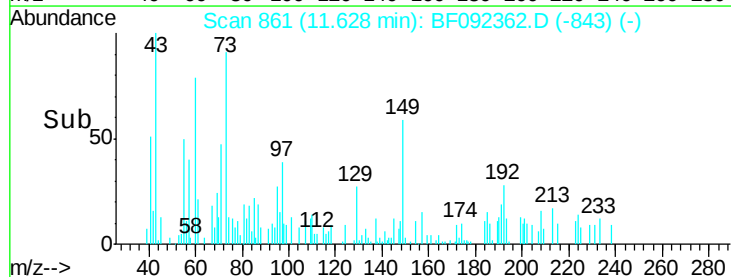
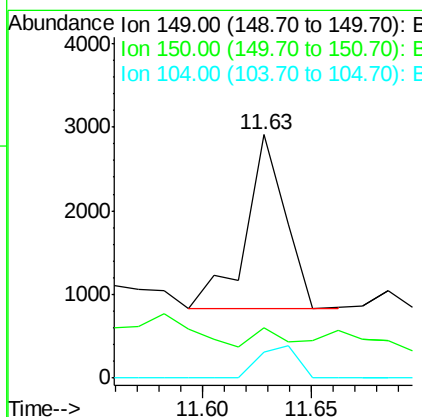
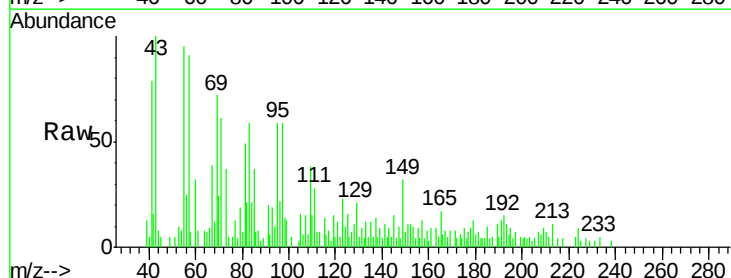
Instrument :
BNA_F
ClientSampled :
SS-01

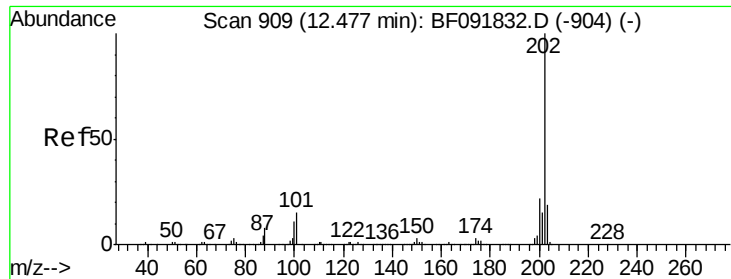
Tgt Ion:248 Resp: 20553
Ion Ratio Lower Upper
248 100
250 194.4 76.9 115.3#
141 378.9 68.2 102.4#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.63 min Scan# 861
Delta R.T. -0.10 min
Lab File: BF092362.D
Acq: 18 Jan 2017 20:26

Tgt Ion:149 Resp: 2615
Ion Ratio Lower Upper
149 100
150 20.8 8.1 12.1#
104 10.5 4.6 7.0#

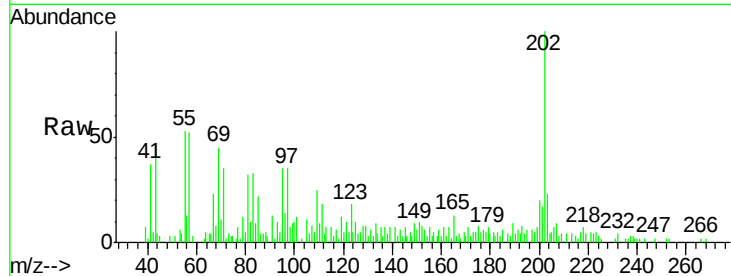




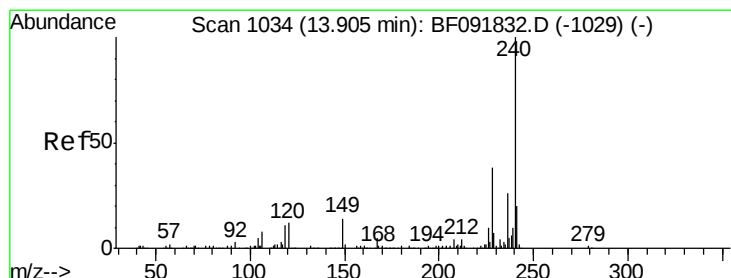
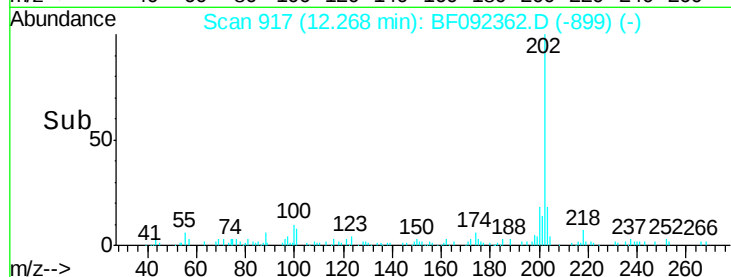
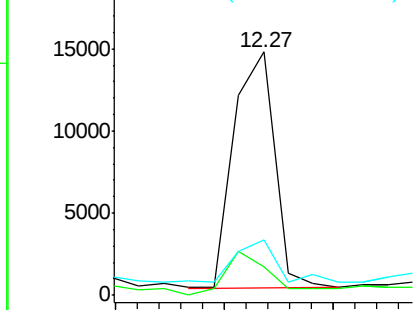
#74
Fluoranthene
Concen: Below Cal
RT: 12.27 min Scan# 917
Delta R.T. -0.10 min
Lab File: BF092362.D
Acq: 18 Jan 2017 20:26

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion: 202 Resp: 18894
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.6
203 22.9 0.0 38.7

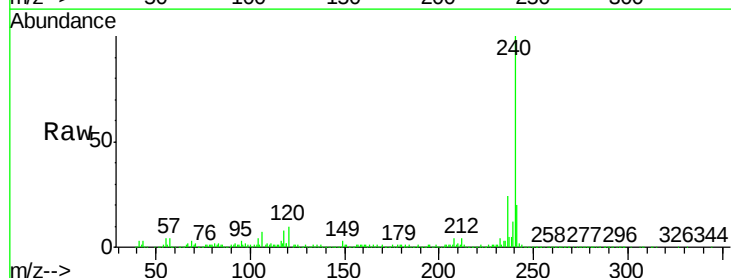


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

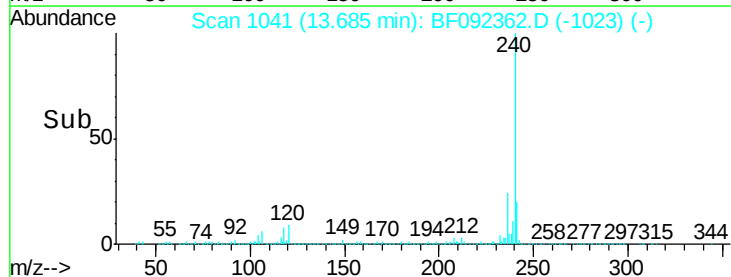
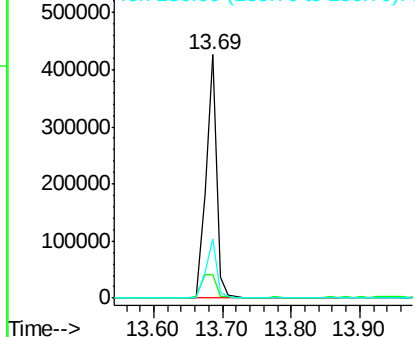


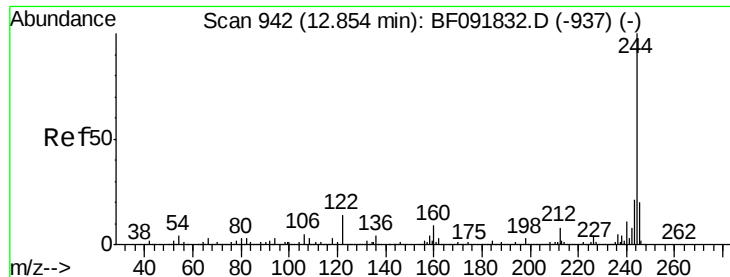
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF092362.D
Acq: 18 Jan 2017 20:26

Tgt Ion: 240 Resp: 450101
Ion Ratio Lower Upper
240 100
120 9.8 12.9 19.3#
236 24.5 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: 68.61 ng

RT: 12.65 min Scan# 950

Delta R.T. -0.10 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

Instrument :

BNA_F

ClientSampleId :

SS-01

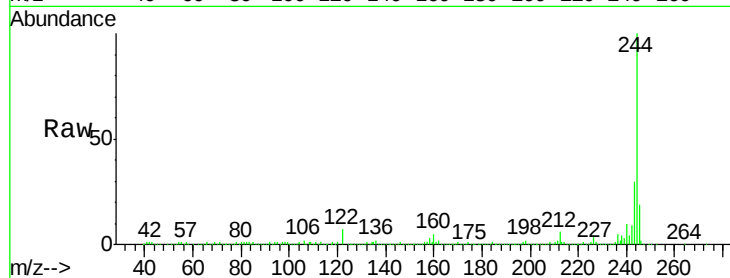
Tgt Ion:244 Resp: 1273238

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

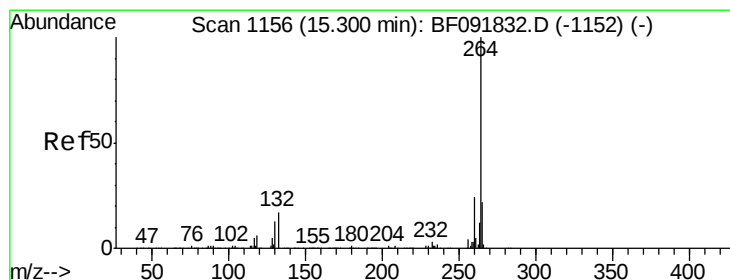
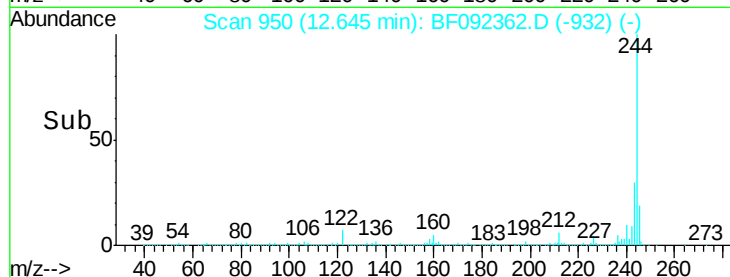
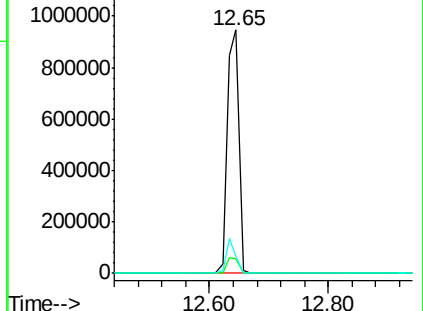
122 6.8 11.4 17.2#



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: 15.03 min Scan# 1159

Delta R.T. -0.11 min

Lab File: BF092362.D

Acq: 18 Jan 2017 20:26

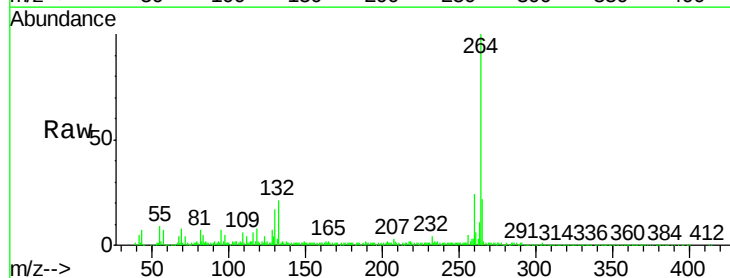
Tgt Ion:264 Resp: 336422

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 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

