

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081582.D
 Acq On : 11 Sep 2015 00:01
 Operator : UM/IZ
 Sample : G3540-01RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Quant Time: Sep 11 00:46:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 00:38:02 2015
 Response via : Initial Calibration

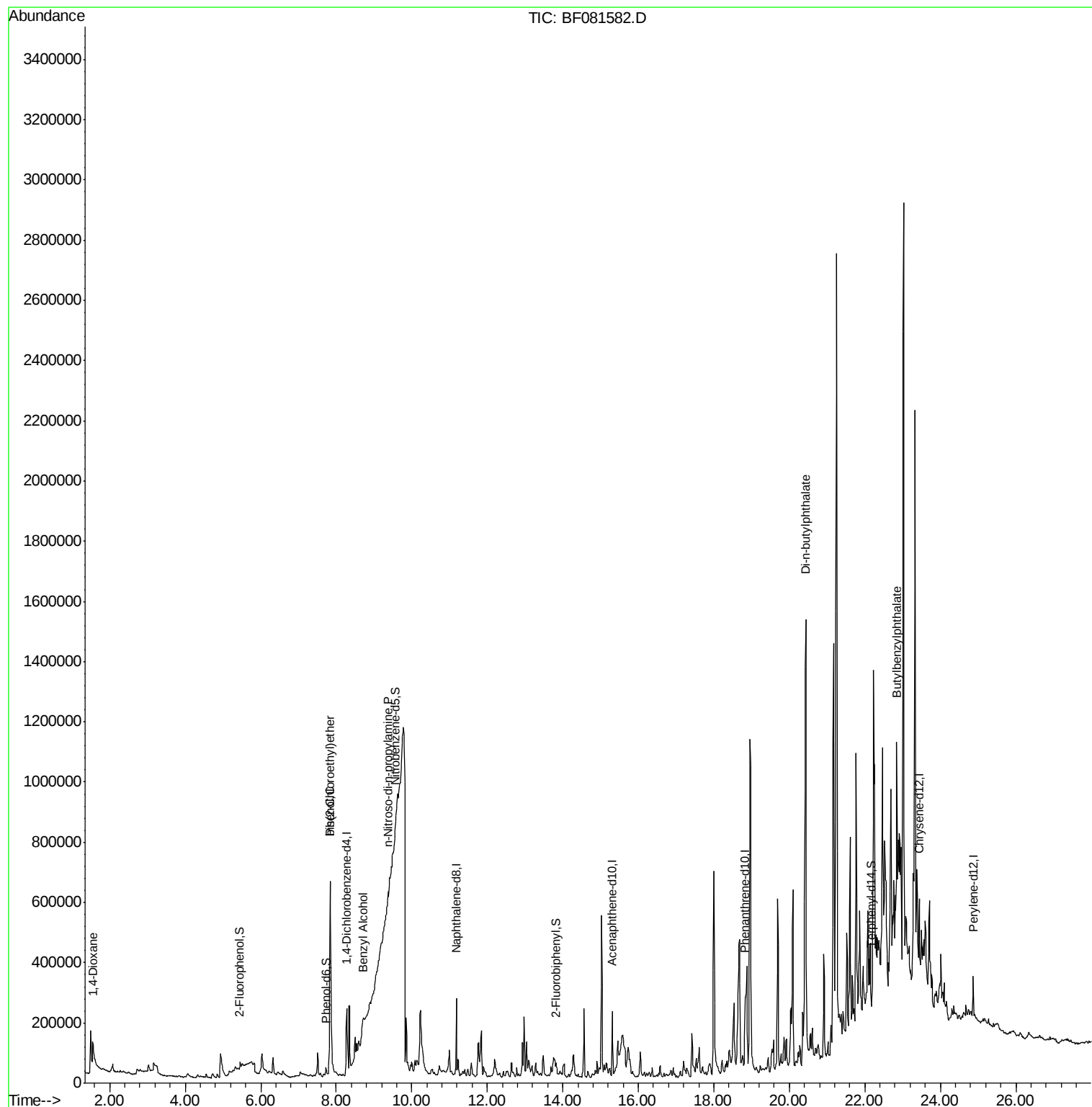
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	43958	20.00	ng	0.01
21) Naphthalene-d8	11.18	136	165949	20.00	ng	0.01
38) Acenaphthene-d10	15.32	164	67940	20.00	ng	0.01
63) Phenanthrene-d10	18.82	188	123458	20.00	ng	0.01
75) Chrysene-d12	23.44	240	89783	20.00	ng	0.02
86) Perylene-d12	24.87	264	52578	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	12061	4.26	ng	0.03
7) Phenol-d6	7.73	99	19650	5.24	ng	0.03
23) Nitrobenzene-d5	9.55	82	14526	4.22	ng	-0.01
41) 2,4,6-Tribromophenol	17.22	330	869	1.44	ng	0.01
44) 2-Fluorobiphenyl	13.82	172	18235	3.44	ng	0.00
78) Terphenyl-d14	22.16	244	14613	3.79	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.55	88	3646	2.87	ng	# 11
10) Phenol	7.84	94	21660	4.98	ng	# 33
11) bis(2-Chloroethyl)ether	7.84	93	196219	62.53	ng	# 19
15) Benzyl Alcohol	8.72	79	9247	3.01	ng	# 28
19) n-Nitroso-di-n-propylamine	9.37	70	6392	2.50	ng	# 4
73) Di-n-butylphthalate	20.44	149	52397	6.71	ng	# 85
79) Butylbenzylphthalate	22.85	149	9389	3.25	ng	# 1

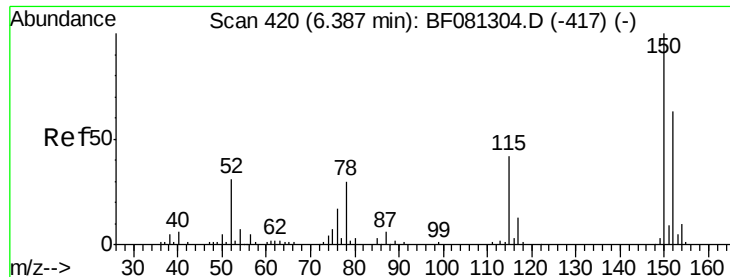
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Sep 11 00:46:39 2015
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

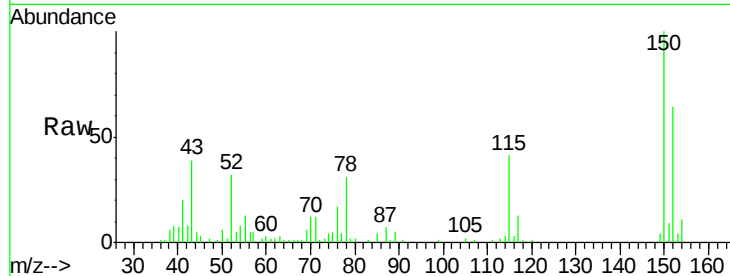
Tgt Ion:152 Resp: 43958

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

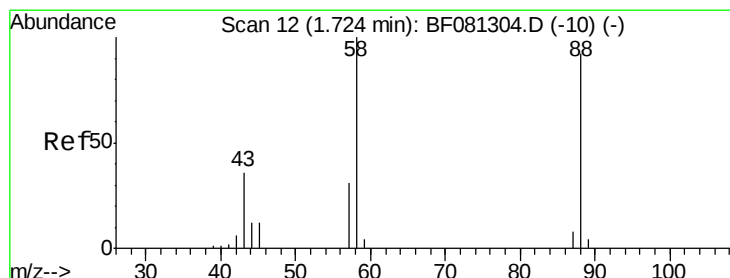
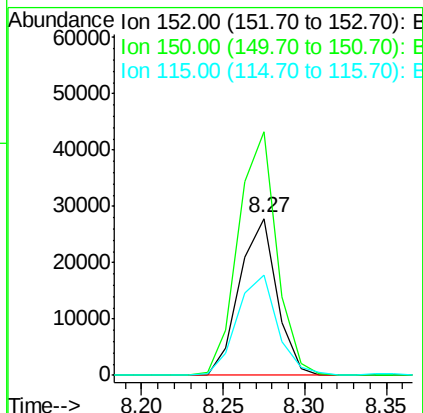
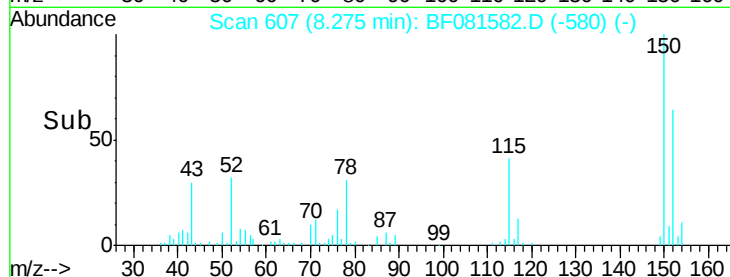
115 64.1 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 2.87 ng

RT: 1.55 min Scan# 19

Delta R.T. -0.05 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

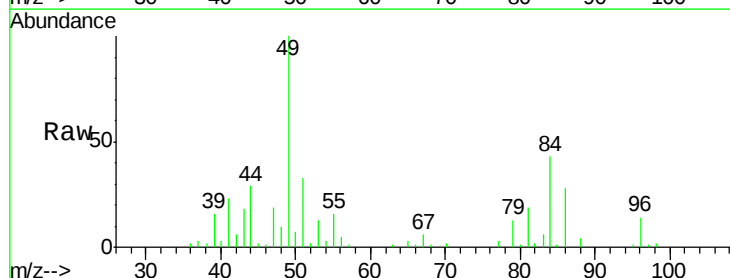
Tgt Ion: 88 Resp: 3646

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

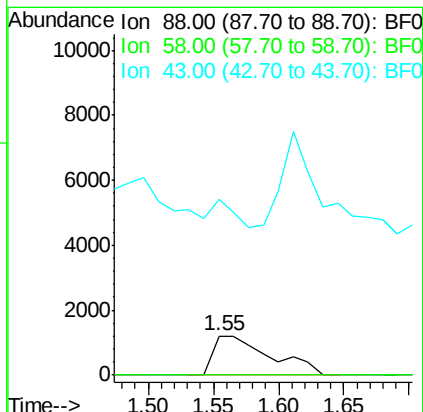
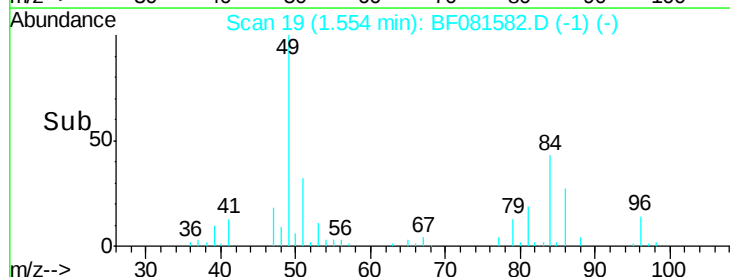
43 0.0 26.6 40.0#

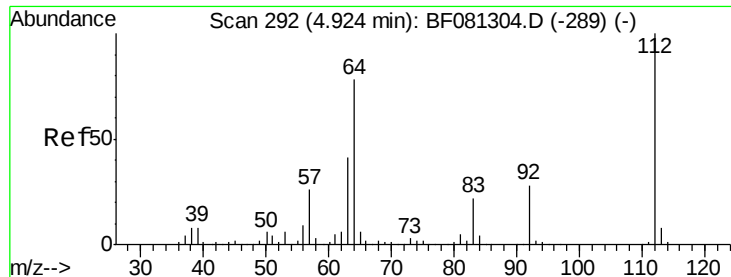


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 4.26 ng

RT: 5.45 min Scan# 360

Delta R.T. 0.03 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

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ClientSampleId :

1507293456THRU-1507293463-CO

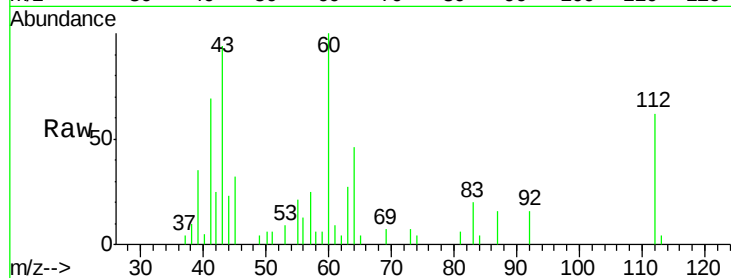
Tgt Ion: 112 Resp: 12061

Ion Ratio Lower Upper

112 100

64 74.5 39.7 59.5#

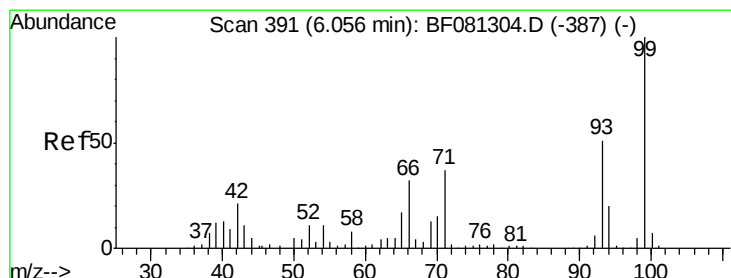
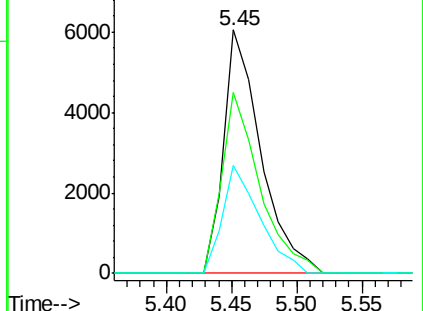
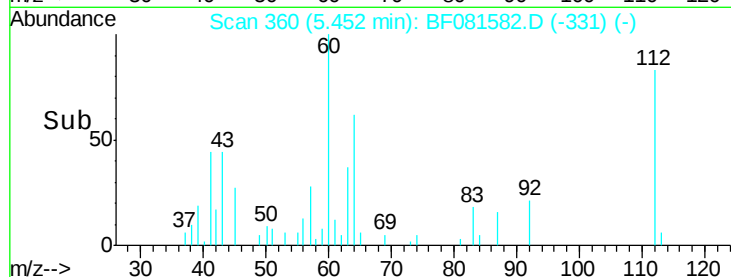
63 44.5 17.4 26.0#



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: 5.24 ng

RT: 7.73 min Scan# 559

Delta R.T. 0.03 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

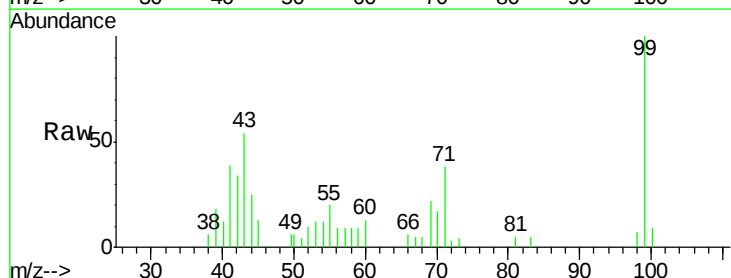
Tgt Ion: 99 Resp: 19650

Ion Ratio Lower Upper

99 100

42 33.8 13.7 20.5#

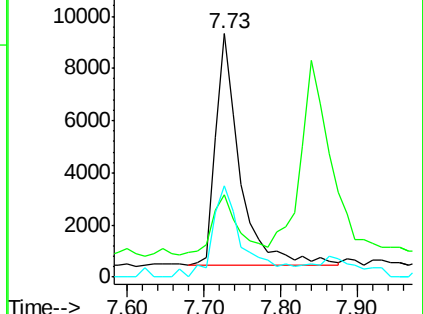
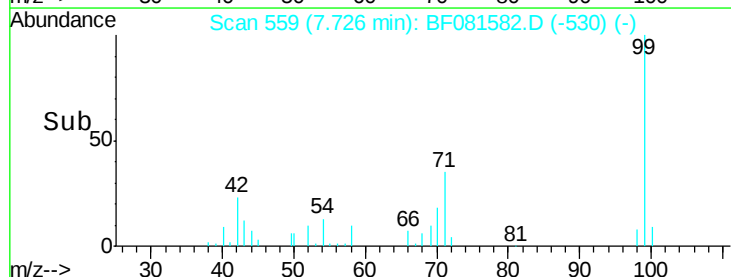
71 37.5 14.2 21.2#

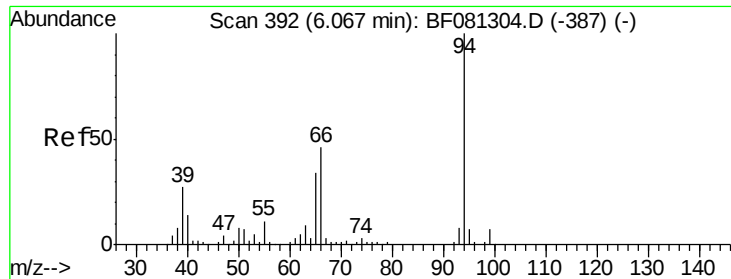


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 4.98 ng

RT: 7.84 min Scan# 569

Delta R.T. 0.13 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

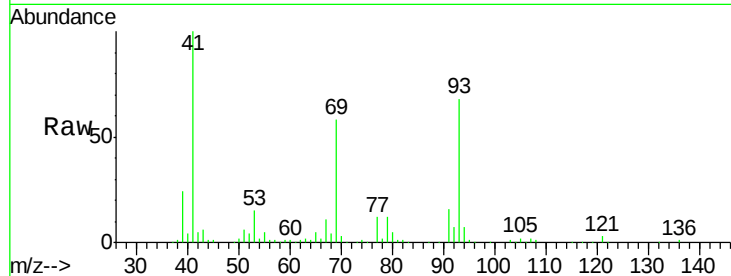
Tgt Ion: 94 Resp: 21660

Ion Ratio Lower Upper

94 100

65 75.1 0.7 40.7#

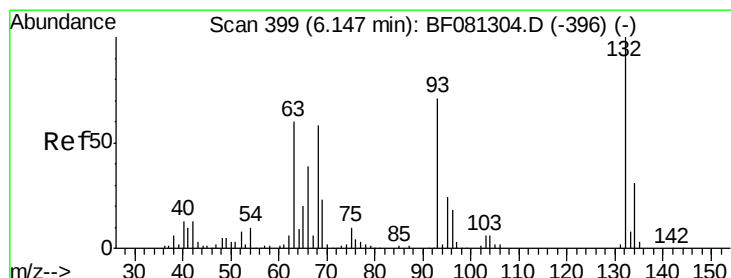
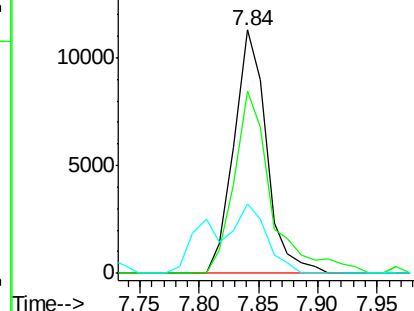
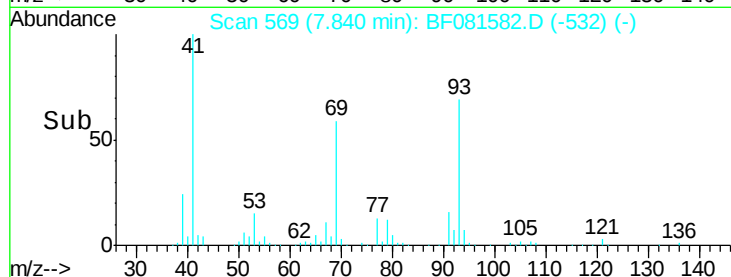
66 28.7 0.8 40.8



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



#11

bis(2-Chloroethyl)ether

Concen: 62.53 ng

RT: 7.84 min Scan# 569

Delta R.T. 0.03 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

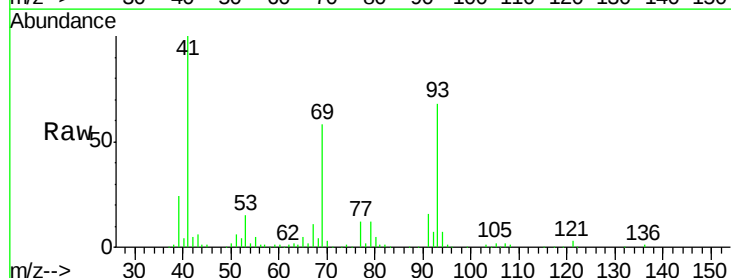
Tgt Ion: 93 Resp: 196219

Ion Ratio Lower Upper

93 100

63 2.6 65.6 105.6#

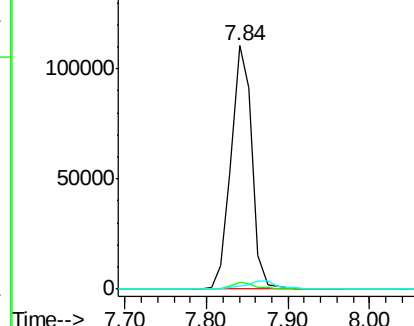
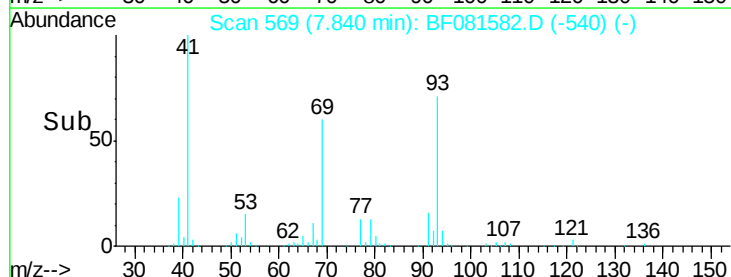
95 1.1 13.6 53.6#

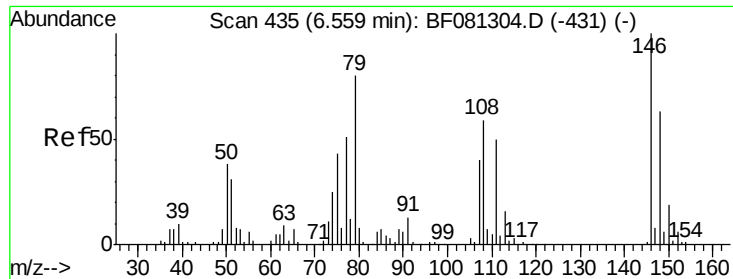


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

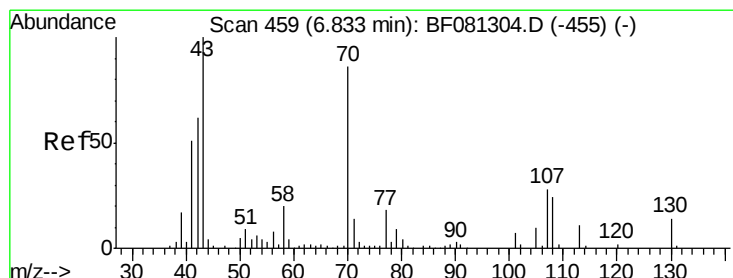
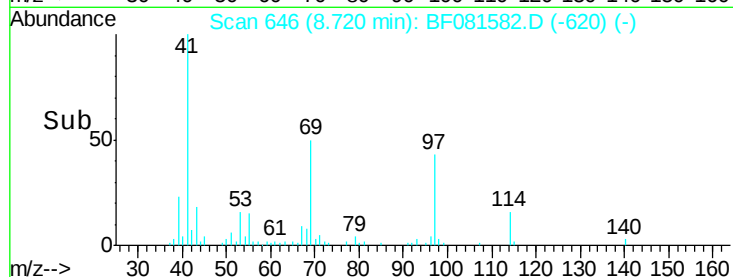
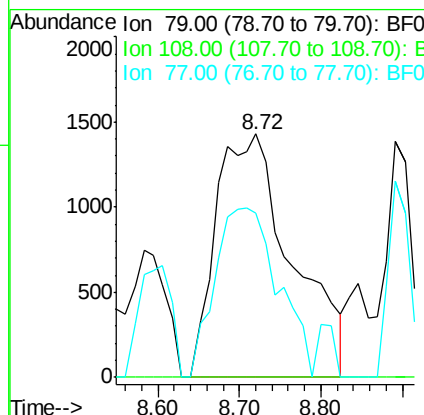
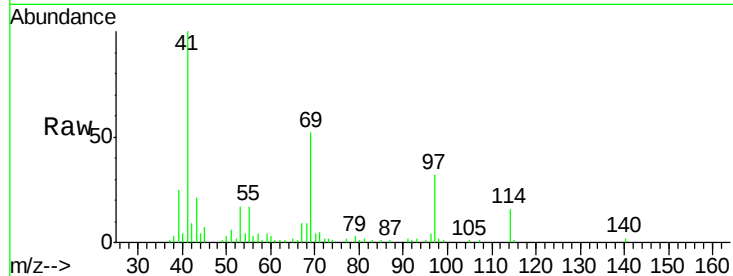




#15
Benzyl Alcohol
Concen: 3.01 ng
RT: 8.72 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF081582.D
Acq: 11 Sep 2015 00:01

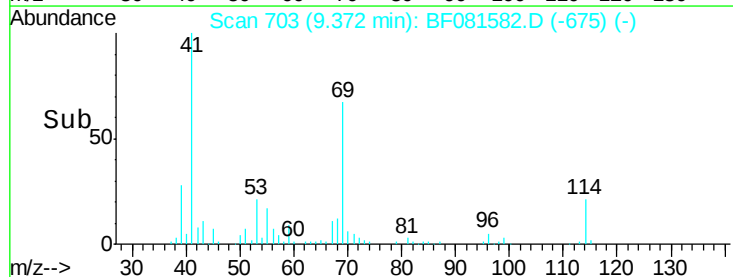
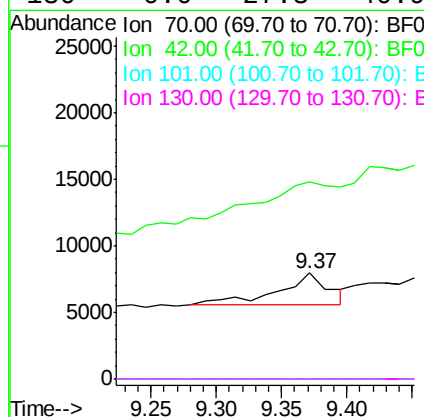
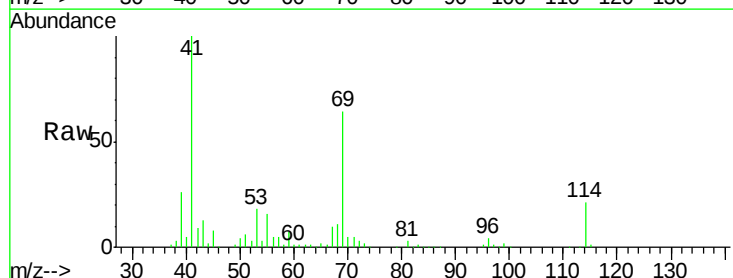
Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

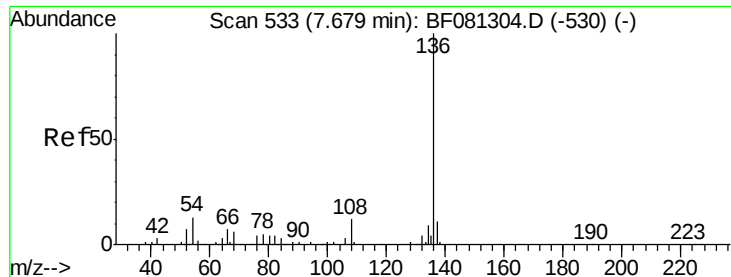
Tgt Ion: 79 Resp: 9247
Ion Ratio Lower Upper
79 100
108 0.0 88.6 132.8#
77 67.6 47.0 70.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng
RT: 9.37 min Scan# 703
Delta R.T. 0.02 min
Lab File: BF081582.D
Acq: 11 Sep 2015 00:01

Tgt Ion: 70 Resp: 6392
Ion Ratio Lower Upper
70 100
42 186.1 63.8 95.6#
101 0.0 9.2 13.8#
130 0.0 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.18 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

Tgt Ion:136 Resp: 165949

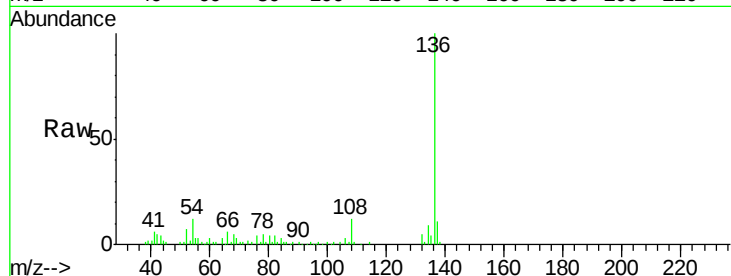
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 12.2 8.2 12.2

68 5.3 5.8 8.6#

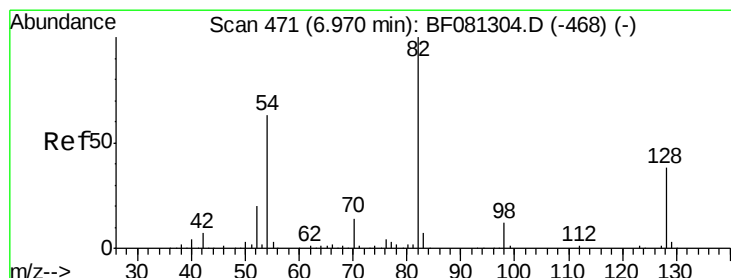
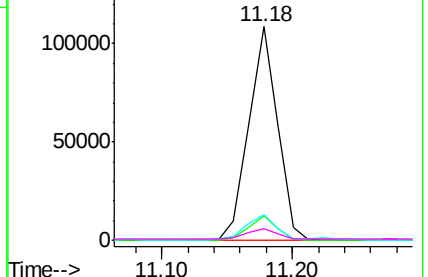
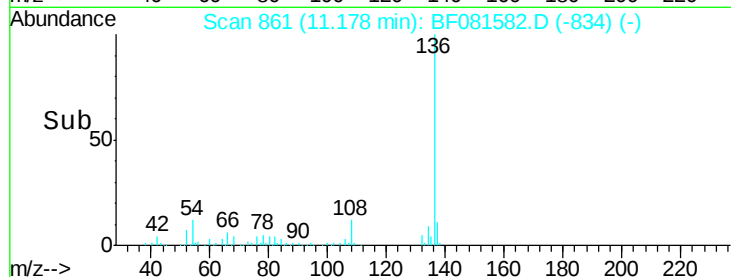


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.22 ng

RT: 9.55 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

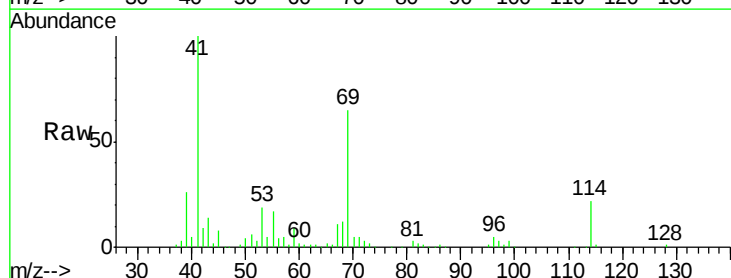
Tgt Ion: 82 Resp: 14526

Ion Ratio Lower Upper

82 100

128 28.4 51.0 76.6#

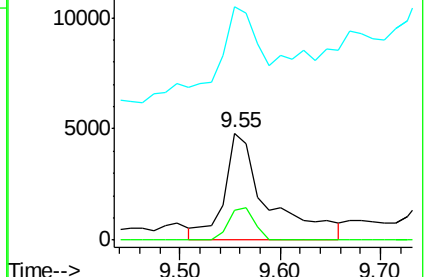
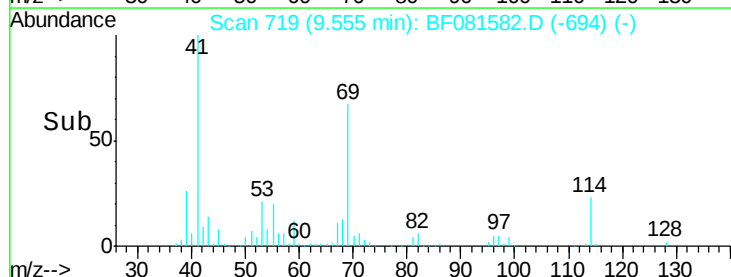
54 218.5 47.5 71.3#

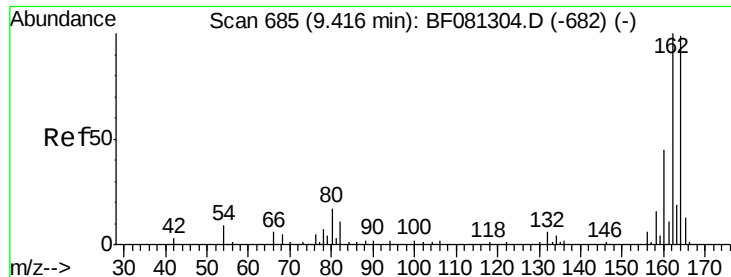


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 15.32 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

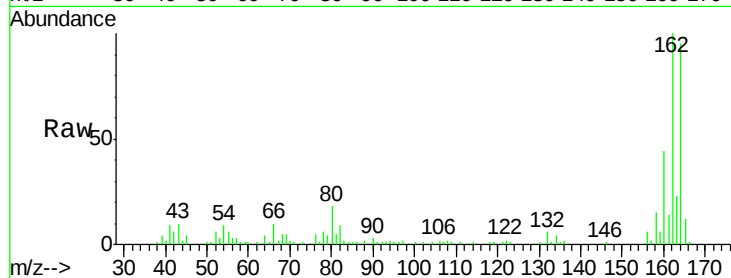
Tgt Ion:164 Resp: 67940

Ion Ratio Lower Upper

164 100

162 105.2 75.2 112.8

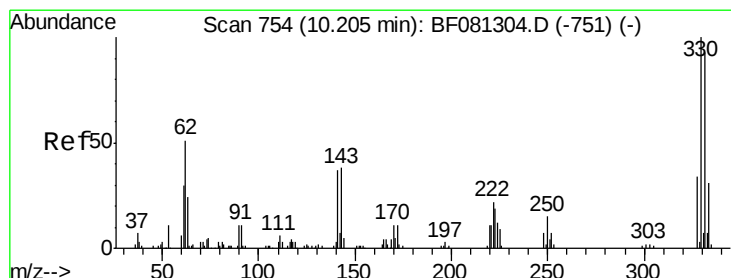
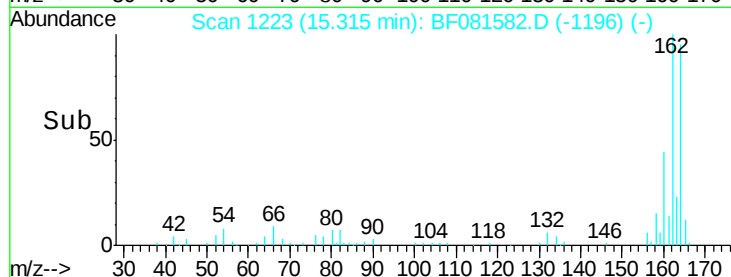
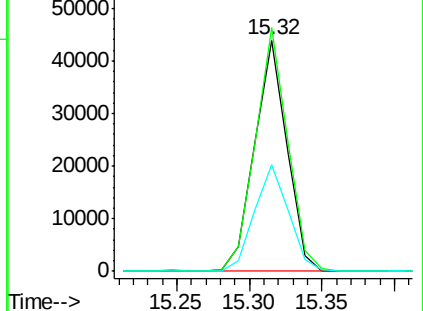
160 46.3 31.5 47.3



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: 1.44 ng

RT: 17.22 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

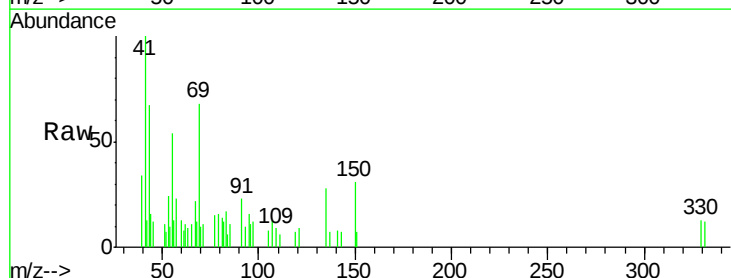
Tgt Ion:330 Resp: 869

Ion Ratio Lower Upper

330 100

332 45.6 76.6 114.8#

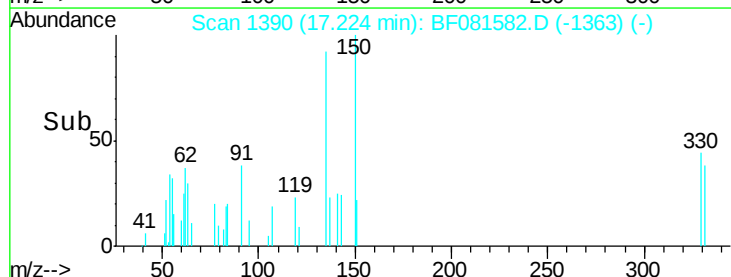
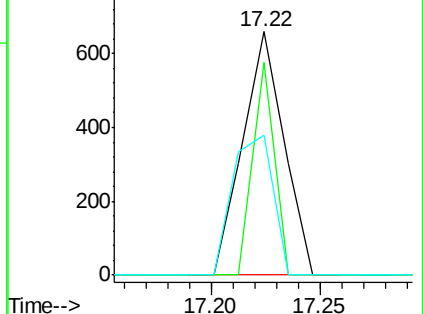
141 56.4 29.7 44.5#

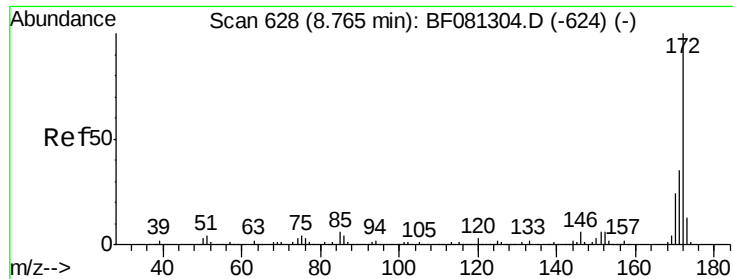


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

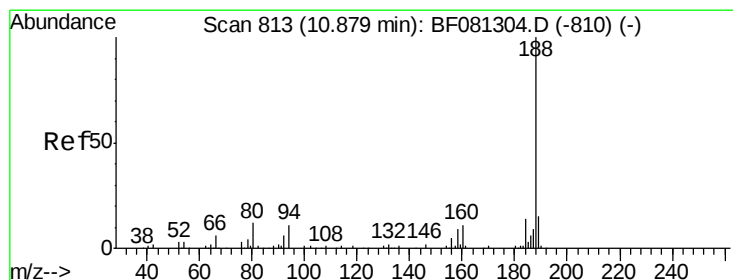
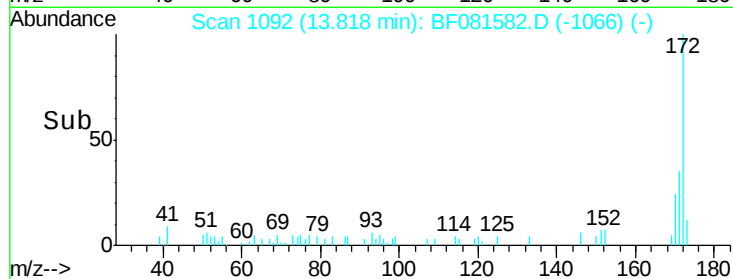
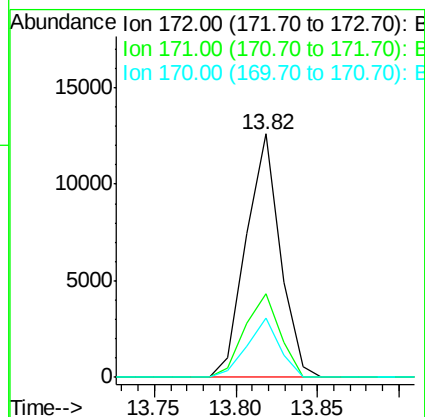
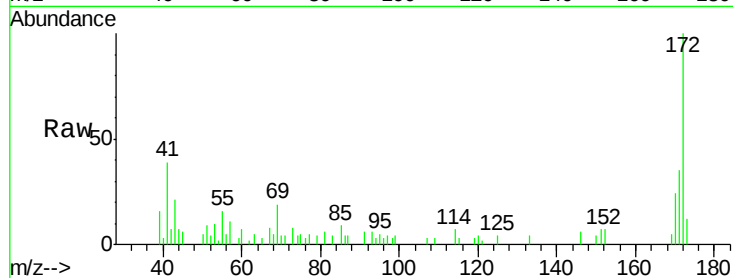




#44
 2-Fluorobiphenyl
 Concen: 3.44 ng
 RT: 13.82 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

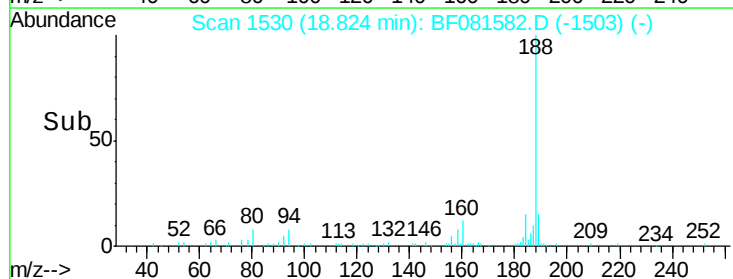
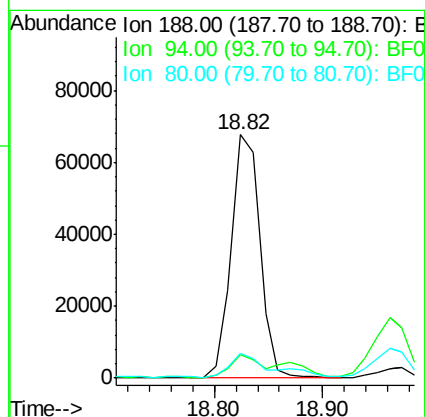
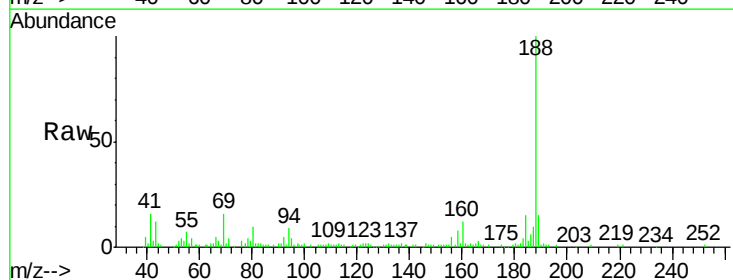
Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

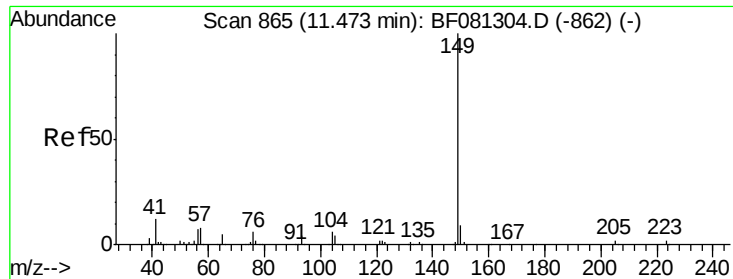
Tgt Ion:172 Resp: 18235
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.1 39.1
 170 24.2 17.4 26.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.82 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF081582.D
 Acq: 11 Sep 2015 00:01

Tgt Ion:188 Resp: 123458
 Ion Ratio Lower Upper
 188 100
 94 9.4 11.1 16.7#
 80 10.0 11.0 16.4#





#73

Di-n-butylphthalate

Concen: 6.71 ng

RT: 20.44 min Scan# 1671

Delta R.T. -0.08 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

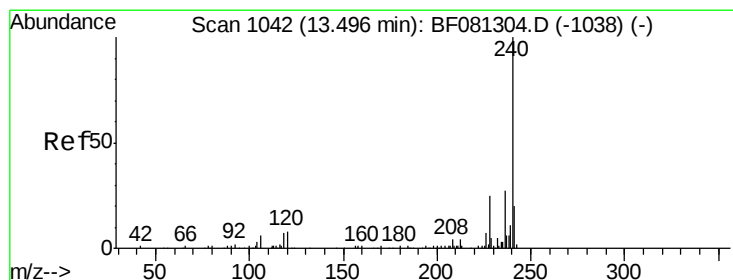
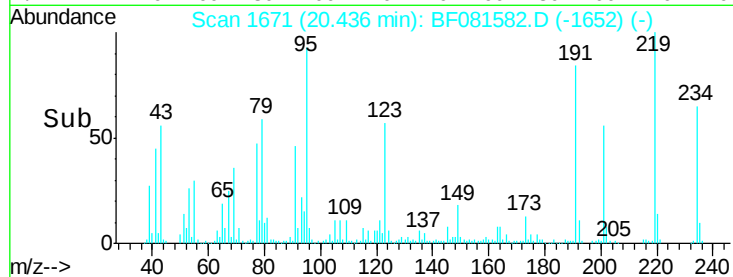
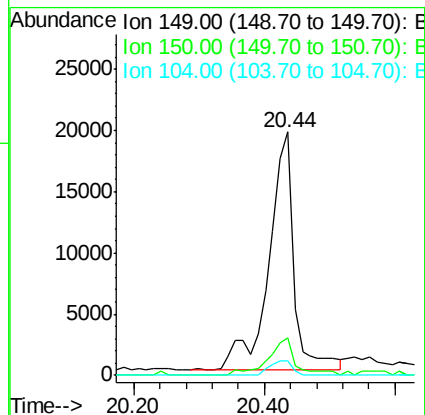
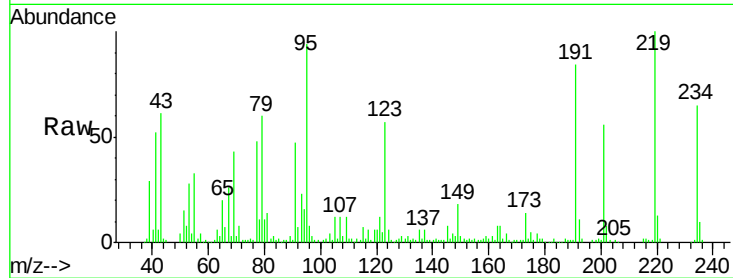
Tgt Ion:149 Resp: 52397

Ion Ratio Lower Upper

149 100

150 15.3 7.4 11.2#

104 6.0 2.4 3.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.44 min Scan# 1934

Delta R.T. 0.02 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

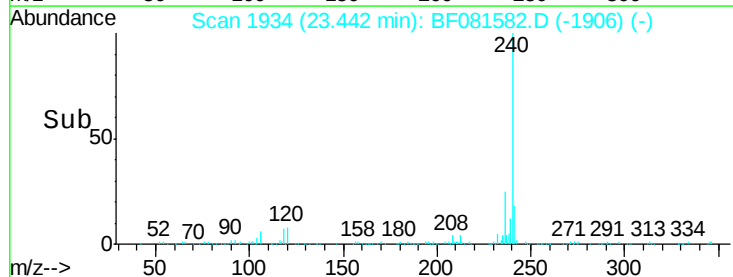
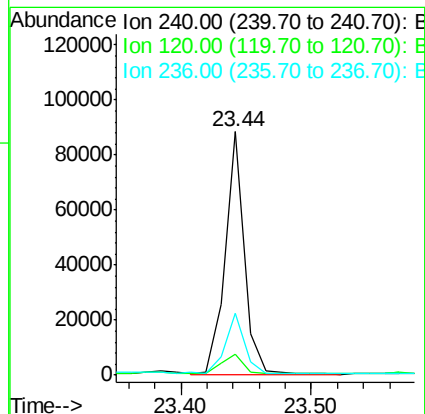
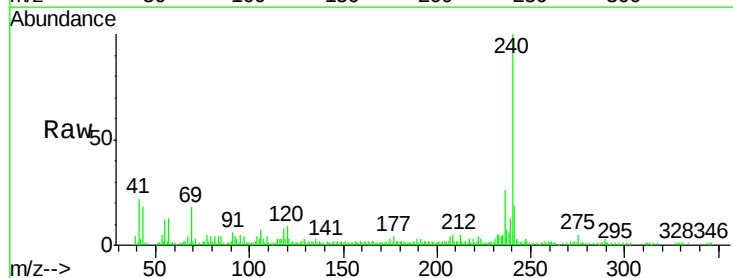
Tgt Ion:240 Resp: 89783

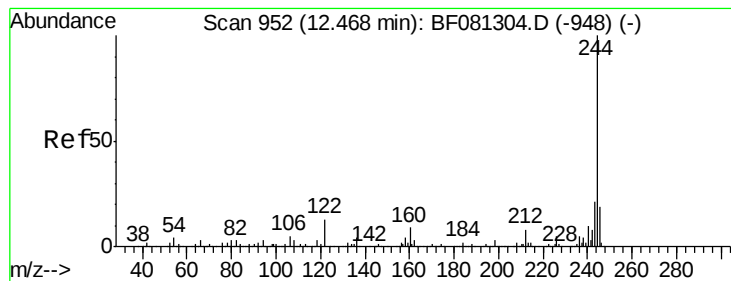
Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

236 25.5 18.4 27.6





#78

Terphenyl-d14

Concen: 3.79 ng

RT: 22.16 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

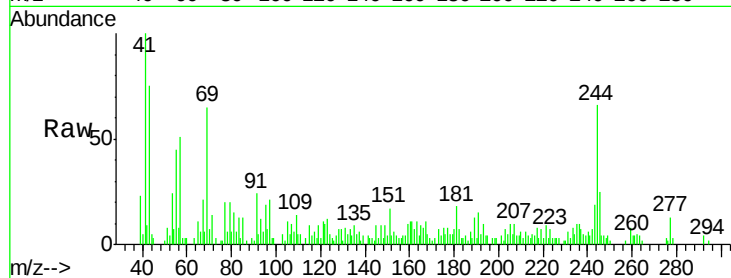
Tgt Ion:244 Resp: 14613

Ion Ratio Lower Upper

244 100

212 9.0 4.3 6.5#

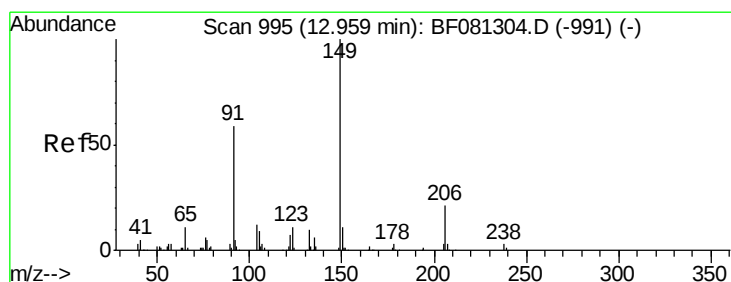
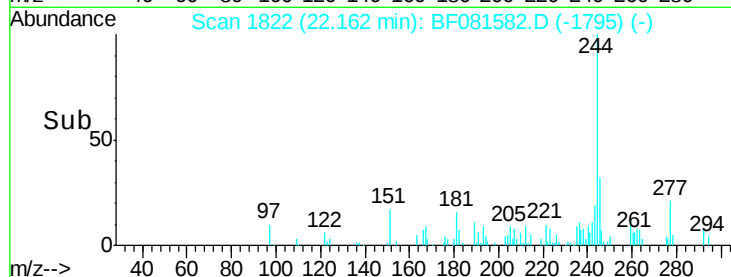
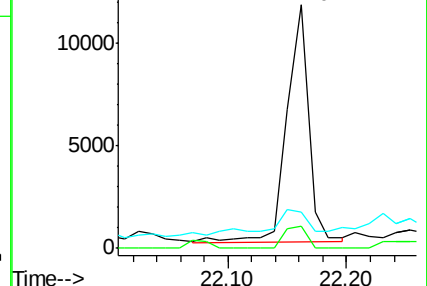
122 14.7 17.4 26.2#



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



#79

Butylbenzylphthalate

Concen: 3.25 ng

RT: 22.85 min Scan# 1882

Delta R.T. 0.01 min

Lab File: BF081582.D

Acq: 11 Sep 2015 00:01

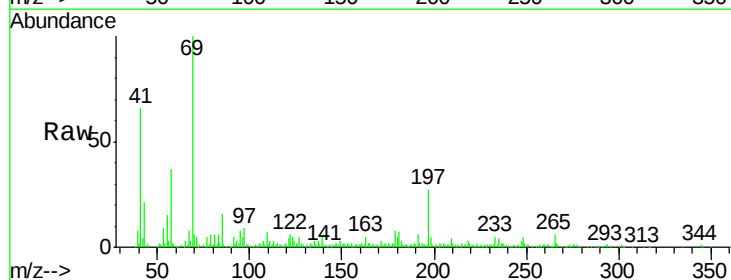
Tgt Ion:149 Resp: 9389

Ion Ratio Lower Upper

149 100

91 177.2 48.6 72.8#

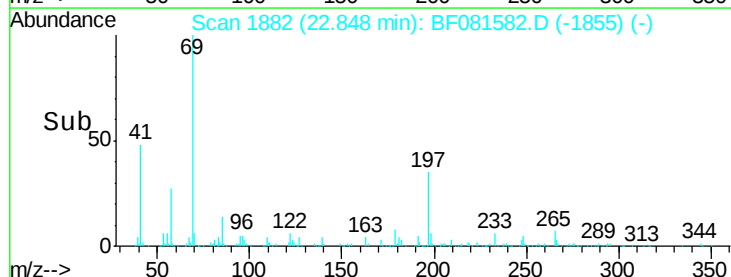
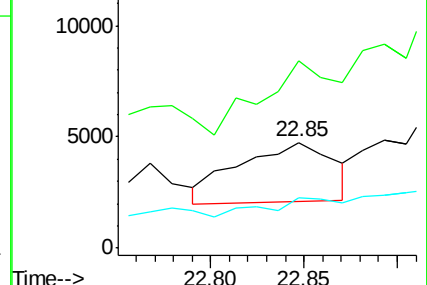
206 47.8 14.9 22.3#

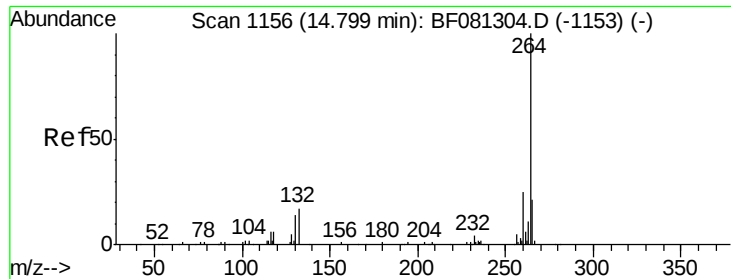


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BF081582.D
Acq: 11 Sep 2015 00:01

Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

Tgt Ion: 264 Resp: 52578
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 22.0 17.2 25.8

