

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080712.D
 Acq On : 31 Jul 2015 1:26
 Operator : TP/UM
 Sample : G3143-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915

Quant Time: Jul 31 02:06:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	170860	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	636211	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	311097	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	651568	20.00	ng	0.00
75) Chrysene-d12	14.00	240	463449	20.00	ng	0.00
86) Perylene-d12	15.41	264	358608	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1087119	109.15	ng	0.01
7) Phenol-d6	6.49	99	1700349	125.40	ng	0.00
23) Nitrobenzene-d5	7.41	82	952634	72.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	343821	106.51	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1495216	71.70	ng	0.00
78) Terphenyl-d14	12.96	244	1445786	59.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.28	42	2131	0.27	ng	# 1
6) Aniline	6.51	93	213	0.01	ng	# 40
8) 2-Chlorophenol	6.64	128	369	0.03	ng	# 3
9) Benzaldehyde	6.49	77	2597	Below Cal		# 1
10) Phenol	6.49	94	6090	0.39	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	2137	0.19	ng	# 1
15) Benzyl Alcohol	7.01	79	16877	1.50	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	7.23	45	744	0.03	ng	# 76
17) 2-Methylphenol	6.99	107	481	0.05	ng	# 1
18) Hexachloroethane	7.42	117	2979	0.63	ng	# 6
19) n-Nitroso-di-n-propylamine	7.41	70	132851	14.55	ng	# 75
22) Acetophenone	7.25	105	452	0.03	ng	# 33
24) Nitrobenzene	7.41	77	2921	0.22	ng	# 44
25) Isophorone	7.41	82	943168	40.37	ng	# 71
27) 2,4-Dimethylphenol	7.81	122	298	0.03	ng	# 1
31) Naphthalene	8.16	128	217	0.01	ng	# 67
32) Benzoic acid	7.81	122	298	0.36	ng	# 78
35) Caprolactam	8.68	113	1275	0.48	ng	# 1
45) 1,1'-Biphenyl	9.21	154	3044	0.13	ng	# 1
47) 2-Nitroaniline	9.33	65	893	0.12	ng	# 4
49) Dimethylphthalate	9.61	163	526489	24.02	ng	# 99
50) 2,6-Dinitrotoluene	9.61	165	5541	1.19	ng	# 14
51) Acenaphthene	9.89	154	1230	0.07	ng	# 4
56) 2,4-Dinitrotoluene	9.88	165	37985	6.23	ng	# 17
57) Fluorene	10.67	166	13674	0.70	ng	# 93
59) Diethylphthalate	10.30	149	1487	0.07	ng	# 84
62) Azobenzene	10.59	77	298	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.67	198	771	0.20	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	12116	0.57	ng	# 52
66) 4-Bromophenyl-phenylether	10.67	248	22020	3.27	ng	# 1
70) Phenanthrene	11.39	178	1685	0.05	ng	# 59
71) Anthracene	11.39	178	1685	0.05	ng	# 59
72) Carbazole	11.60	167	318	0.01	ng	# 1
73) Di-n-butylphthalate	11.94	149	3958	0.11	ng	# 93

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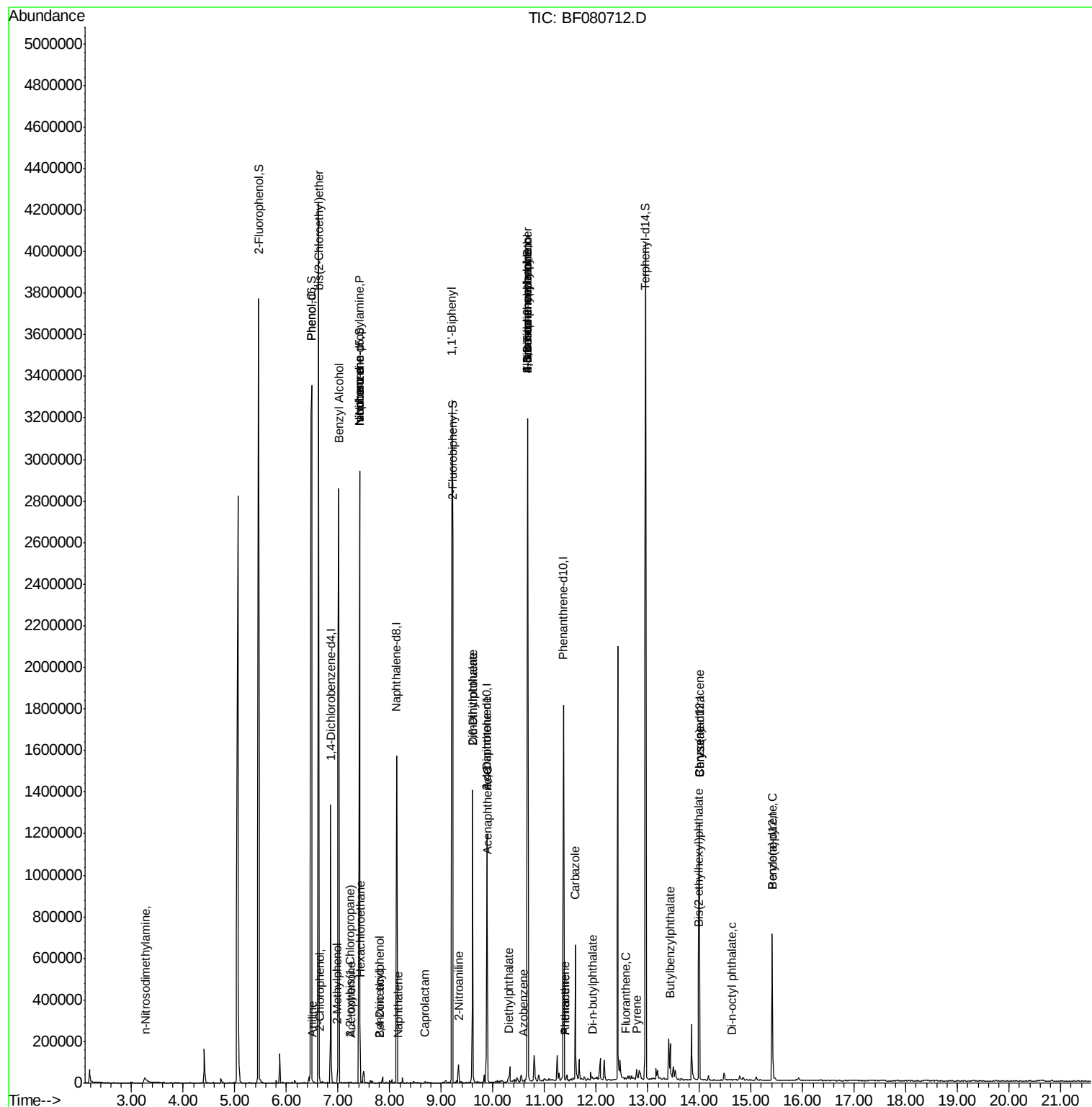
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	12.57	202	1200	0.04	ng	65
77) Pyrene	12.80	202	896	0.02	ng	# 78
79) Butylbenzylphthalate	13.44	149	747	1.73	ng	# 46
80) Benzo(a)anthracene	14.00	228	1623	0.06	ng	# 63
82) Chrysene	14.00	228	1623	0.06	ng	# 59
83) Bis(2-ethylhexyl)phthalate	13.99	149	7551	0.42	ng	# 95
84) Di-n-octyl phthalate	14.63	149	447	0.01	ng	# 1
89) Benzo(a)pyrene	15.41	252	826	0.05	ng	# 65

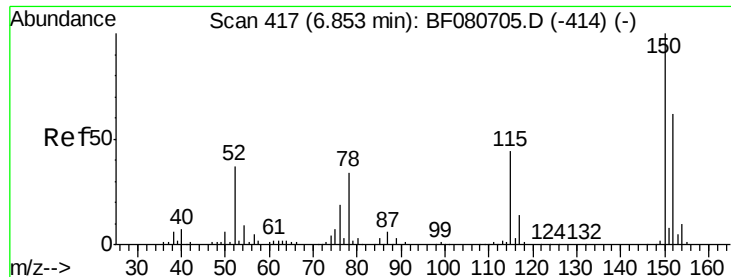
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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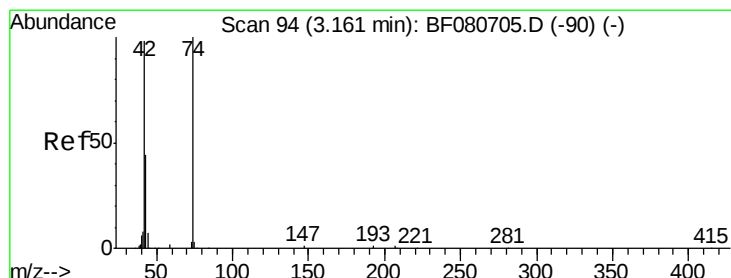
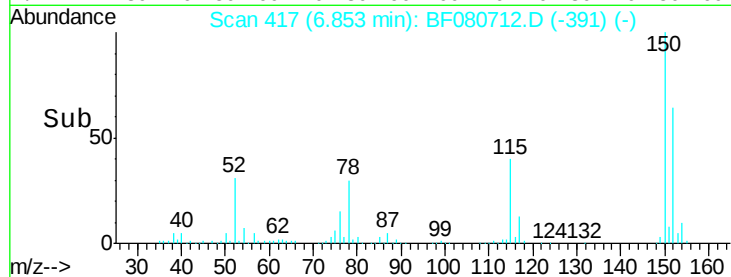
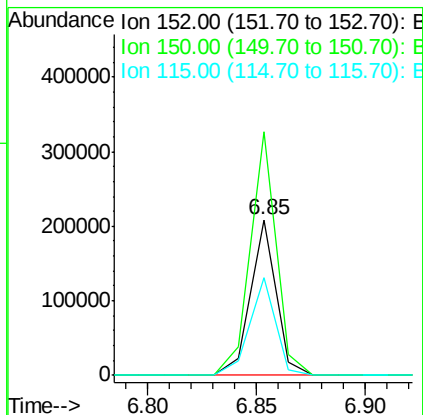
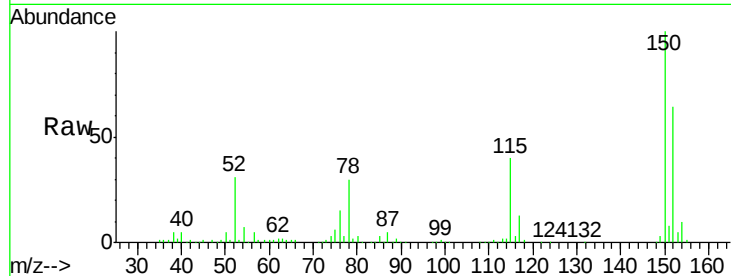


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915

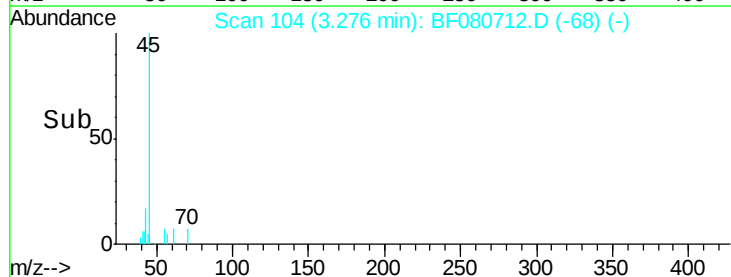
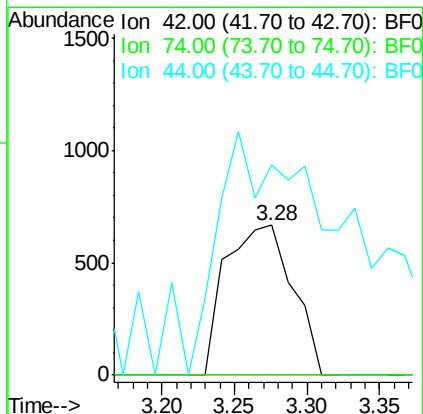
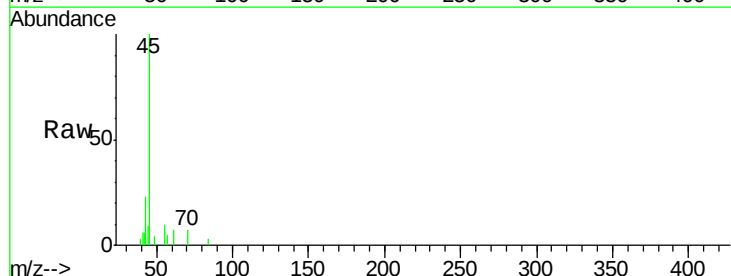
Tgt Ion:152 Resp: 170860
Ion Ratio Lower Upper
152 100
150 156.7 129.6 194.4
115 63.1 56.6 85.0

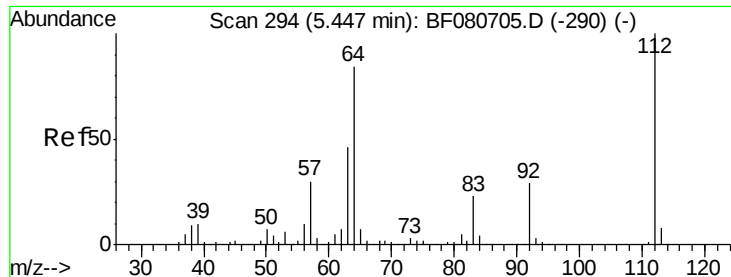


#4

n-Nitrosodimethylamine
Concen: 0.27 ng
RT: 3.28 min Scan# 104
Delta R.T. 0.11 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Tgt Ion: 42 Resp: 2131
Ion Ratio Lower Upper
42 100
74 0.0 81.5 122.3#
44 141.0 5.6 8.4#





#5

2-Fluorophenol

Concen: 109.15 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

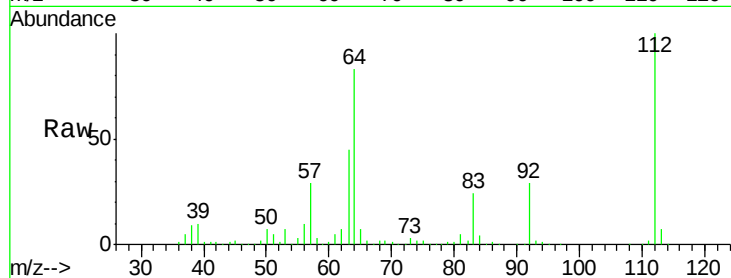
Tgt Ion: 112 Resp: 1087119

Ion Ratio Lower Upper

112 100

64 82.7 66.8 100.2

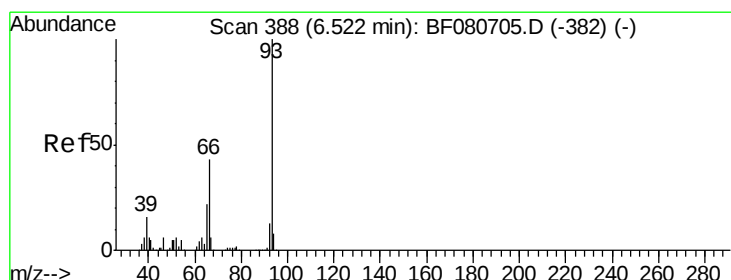
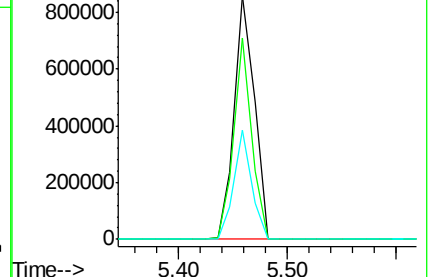
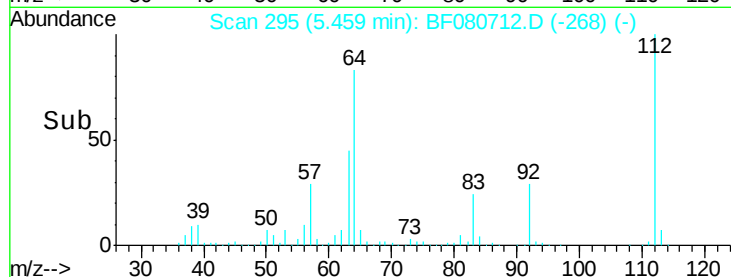
63 44.9 36.7 55.1



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



#6

Aniline

Concen: 0.01 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

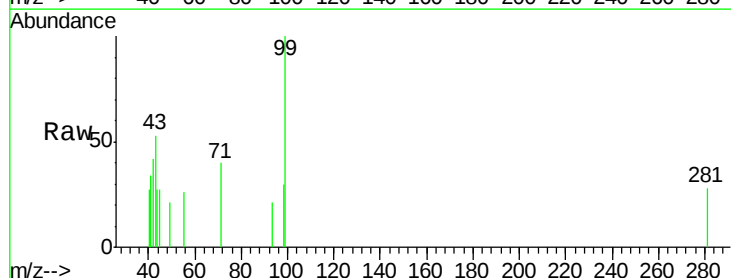
Tgt Ion: 93 Resp: 213

Ion Ratio Lower Upper

93 100

66 0.0 34.3 51.5#

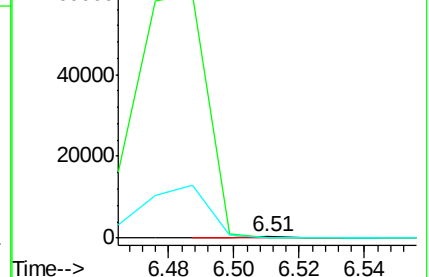
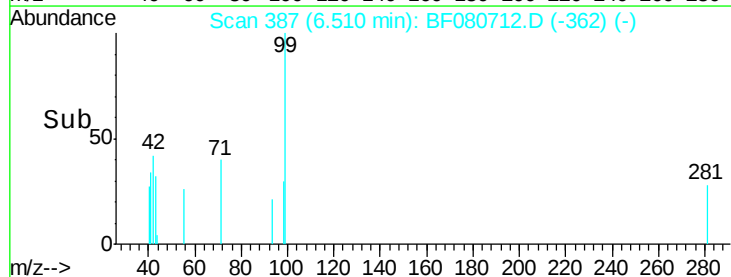
65 0.0 17.6 26.4#

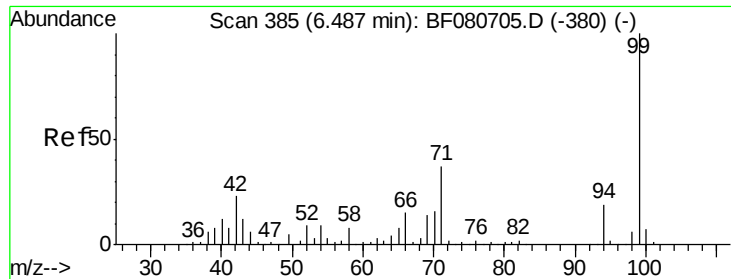


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.40 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

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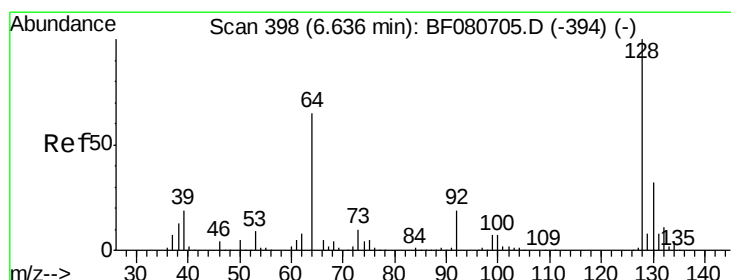
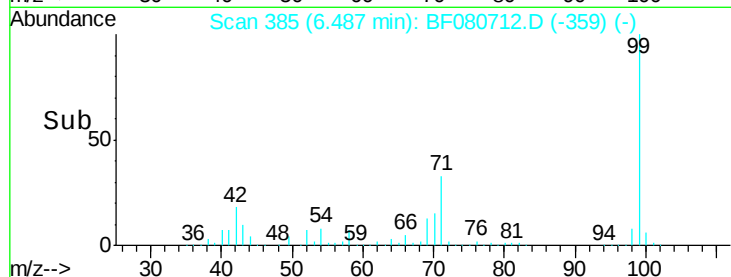
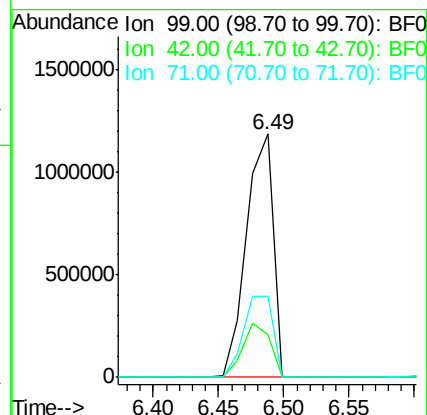
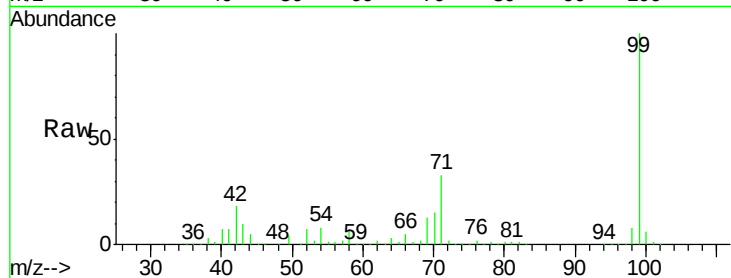
Tgt Ion: 99 Resp: 1700349

Ion Ratio Lower Upper

99 100

42 17.7 18.2 27.2#

71 33.3 29.5 44.3



#8

2-Chlorophenol

Concen: 0.03 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

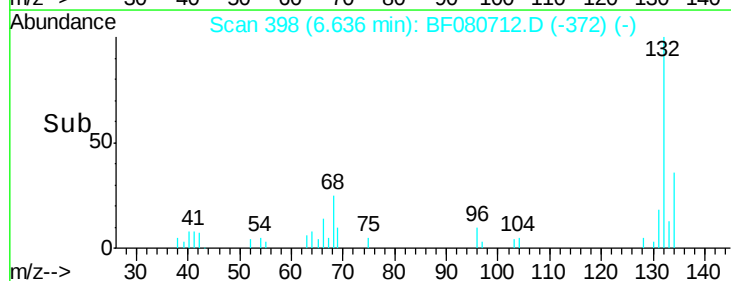
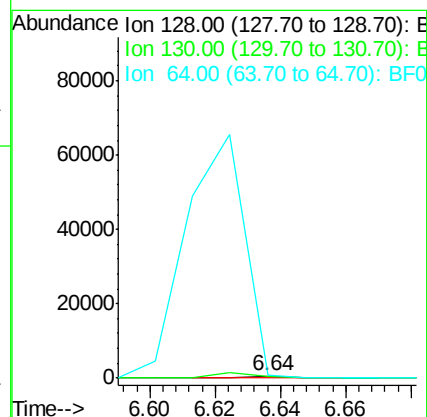
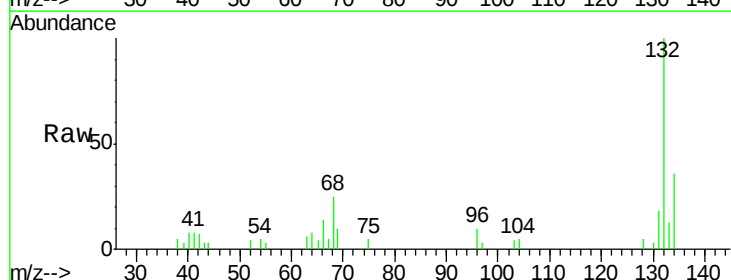
Tgt Ion: 128 Resp: 369

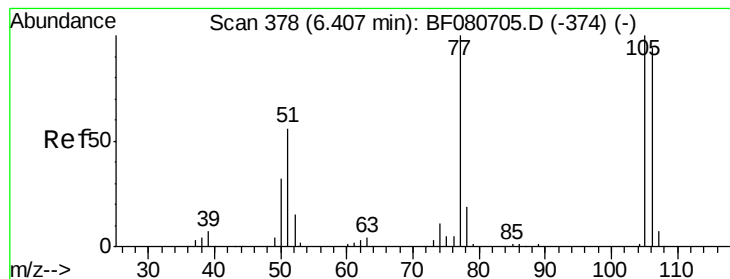
Ion Ratio Lower Upper

128 100

130 68.4 11.7 51.7#

64 158.7 48.7 88.7#





#9

Benzaldehyde

Concen: Below Cal

RT: 6.49 min Scan# 385

Delta R.T. 0.08 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

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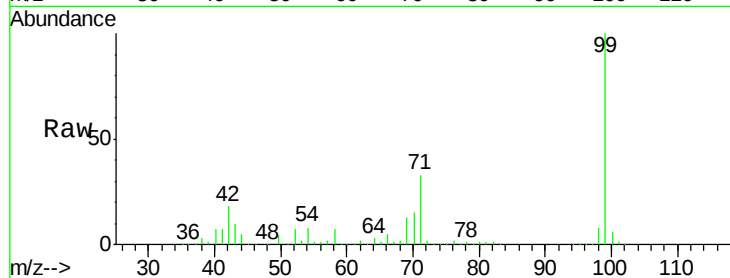
Tgt Ion: 77 Resp: 2597

Ion Ratio Lower Upper

77 100

105 0.0 80.2 120.2#

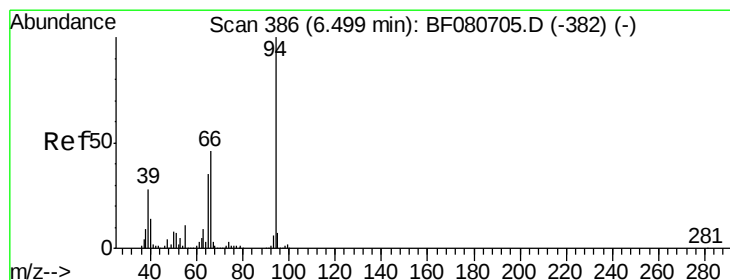
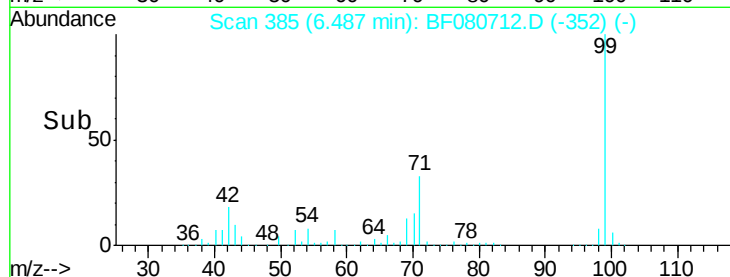
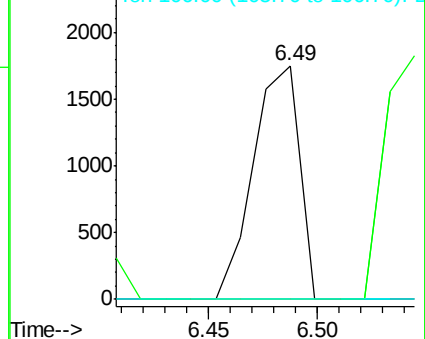
106 0.0 74.2 114.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 0.39 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

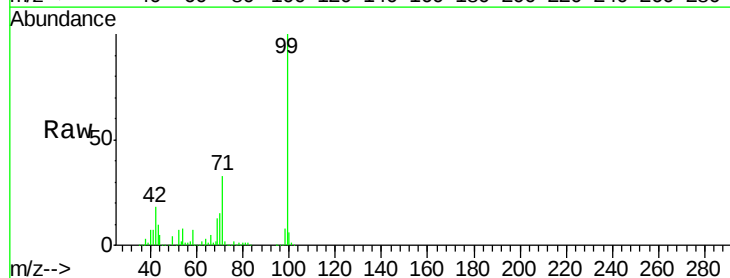
Tgt Ion: 94 Resp: 6090

Ion Ratio Lower Upper

94 100

65 250.6 14.7 54.7#

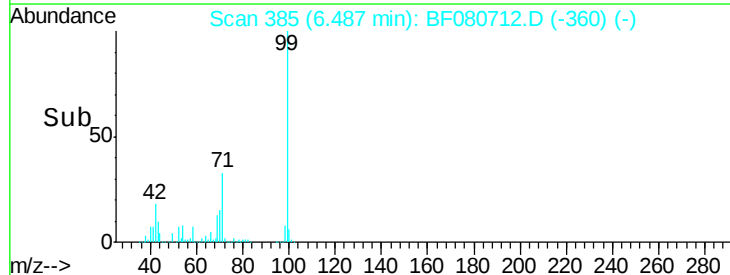
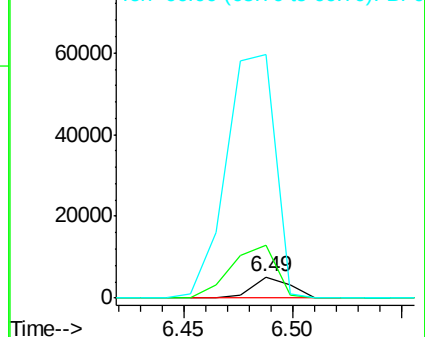
66 1157.4 25.9 65.9#

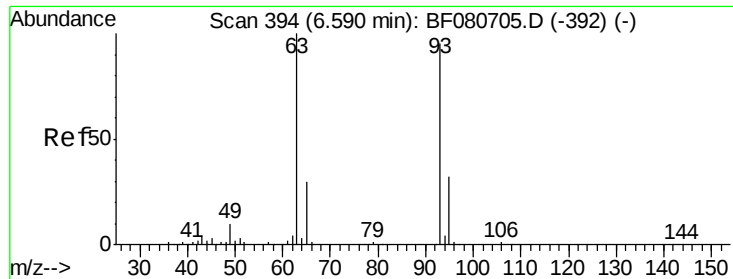


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

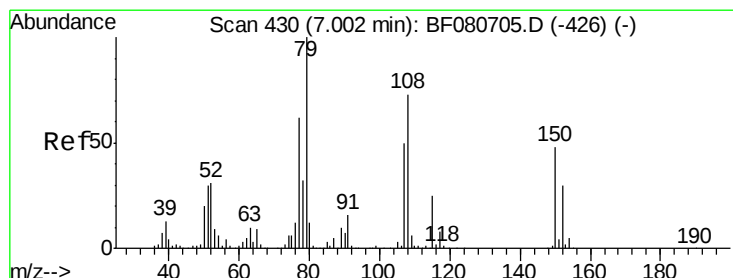
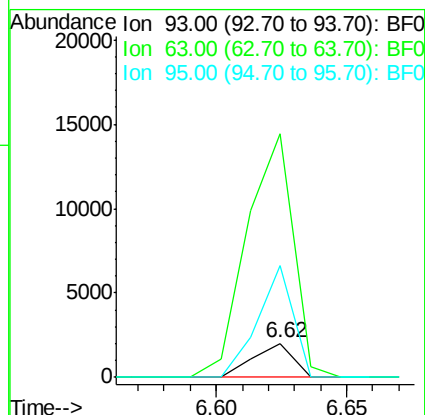
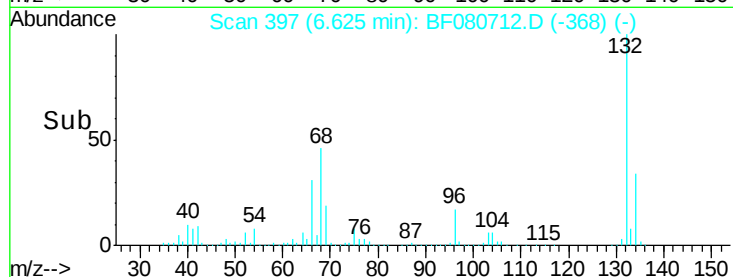
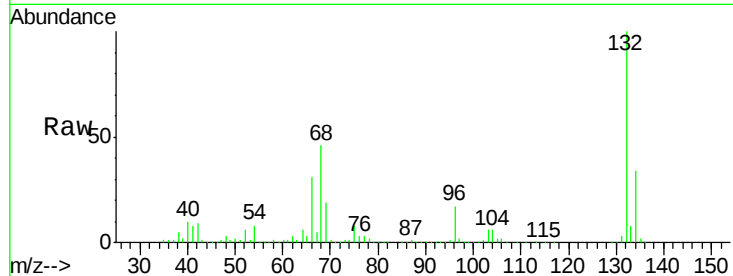




#11
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

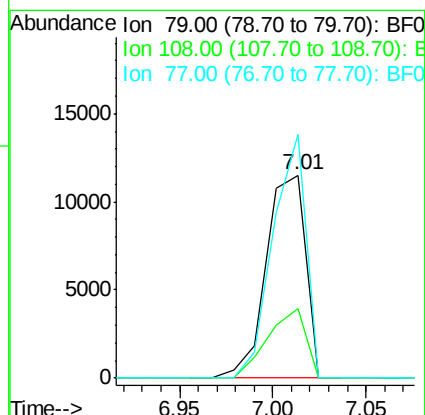
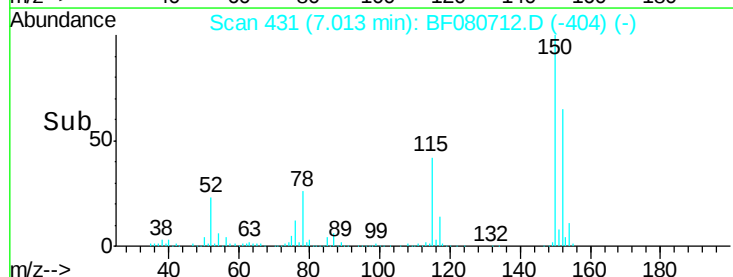
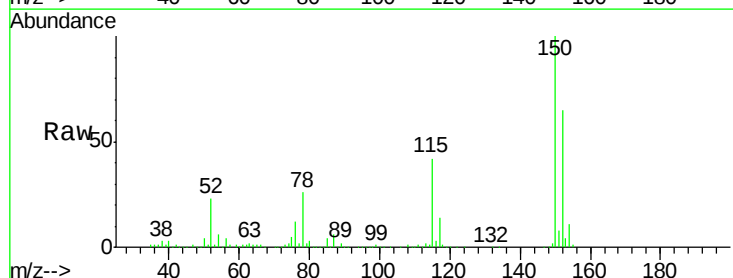
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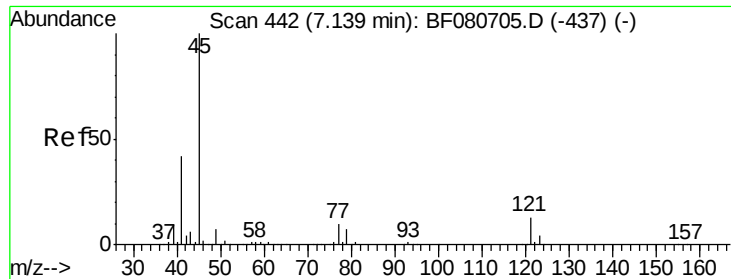
Tgt Ion: 93 Resp: 2137
Ion Ratio Lower Upper
93 100
63 722.4 85.3 125.3#
95 330.1 13.3 53.3#



#15
Benzyl Alcohol
Concen: 1.50 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Tgt Ion: 79 Resp: 16877
Ion Ratio Lower Upper
79 100
108 34.2 58.7 88.1#
77 120.1 49.8 74.8#

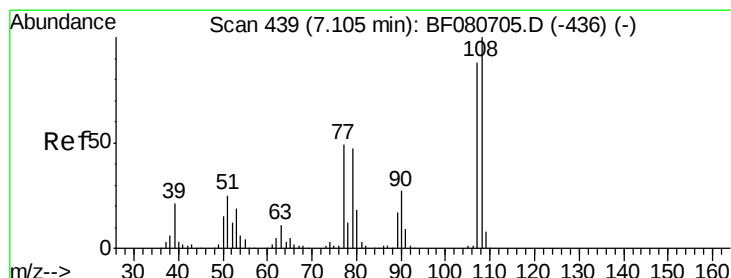
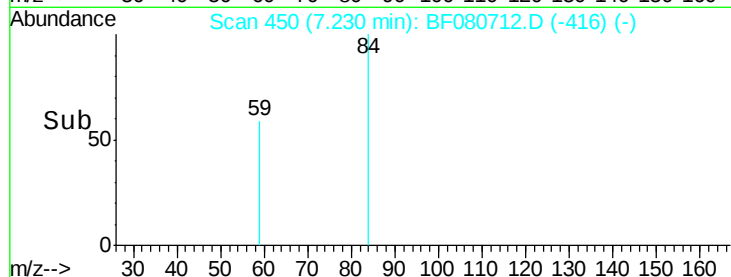
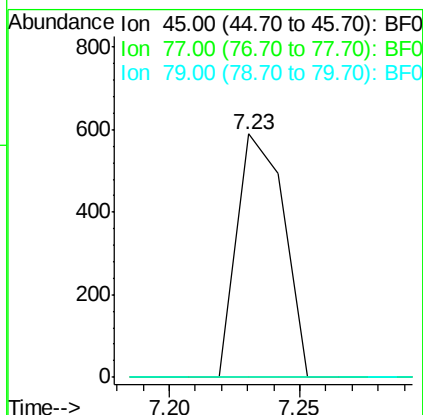
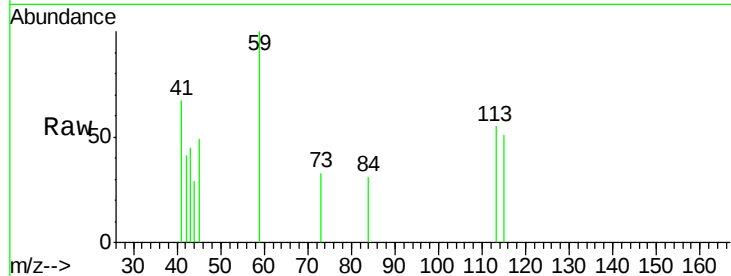




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.09 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

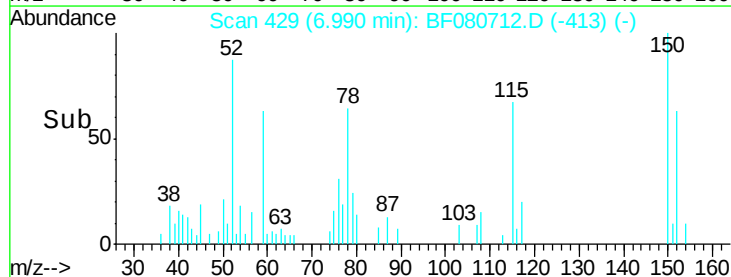
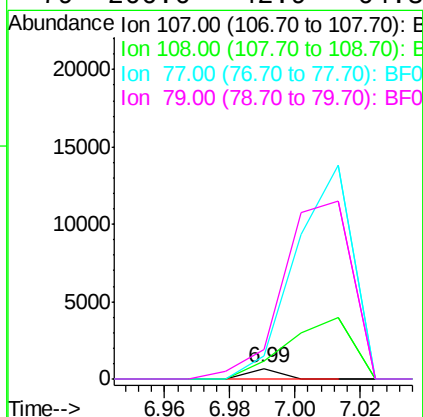
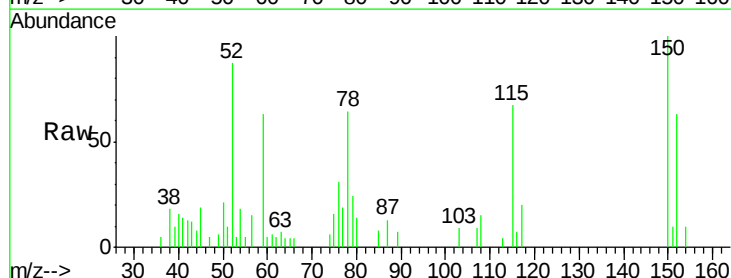
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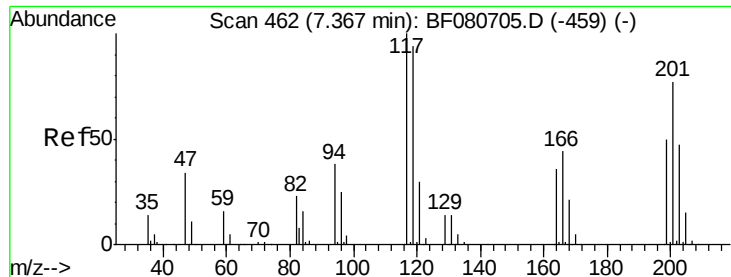
Tgt Ion: 45 Resp: 744
Ion Ratio Lower Upper
45 100
77 0.0 0.0 29.9
79 0.0 0.0 27.4



#17
2-Methylphenol
Concen: 0.05 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.11 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Tgt Ion: 107 Resp: 481
Ion Ratio Lower Upper
107 100
108 167.8 90.8 136.2#
77 211.7 44.6 67.0#
79 266.6 42.9 64.3#





#18

Hexachloroethane

Concen: 0.63 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.06 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

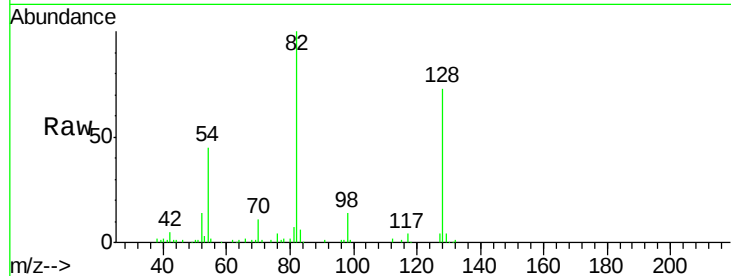
Tgt Ion: 117 Resp: 2979

Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

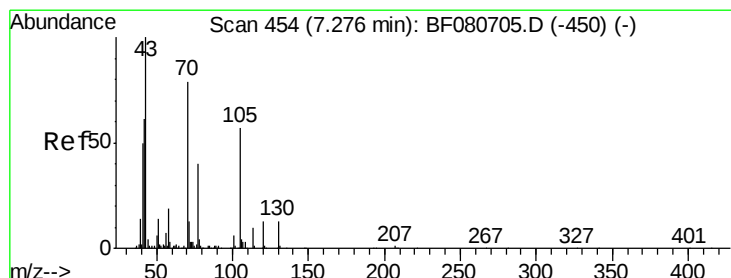
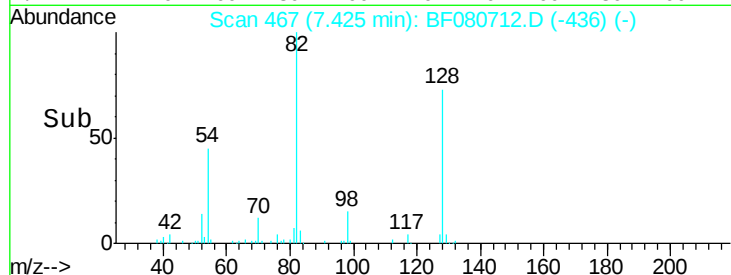
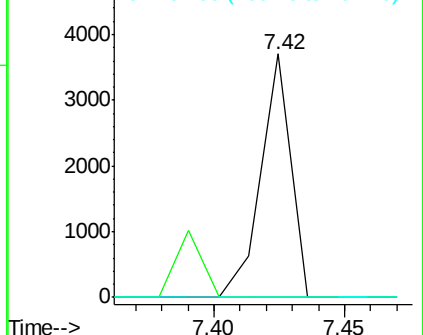
201 0.0 61.5 92.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 14.55 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Tgt Ion: 70 Resp: 132851

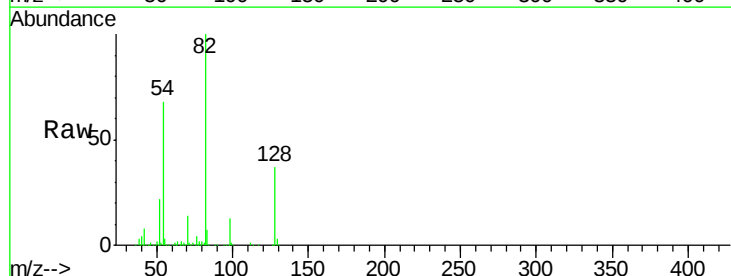
Ion Ratio Lower Upper

70 100

42 57.2 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

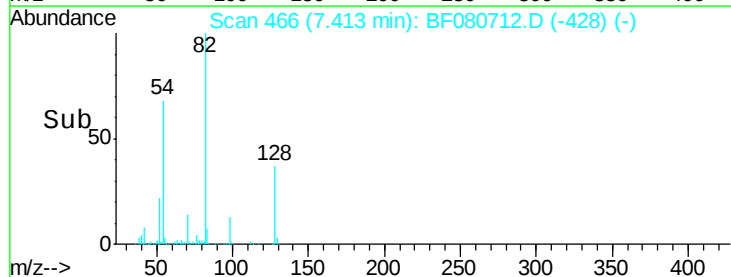
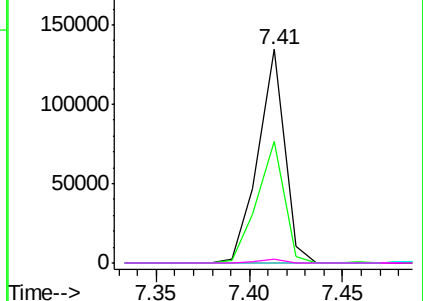


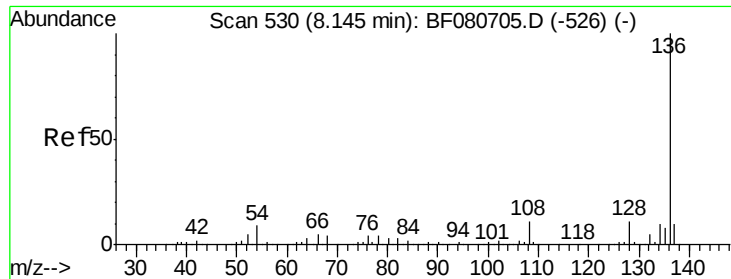
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

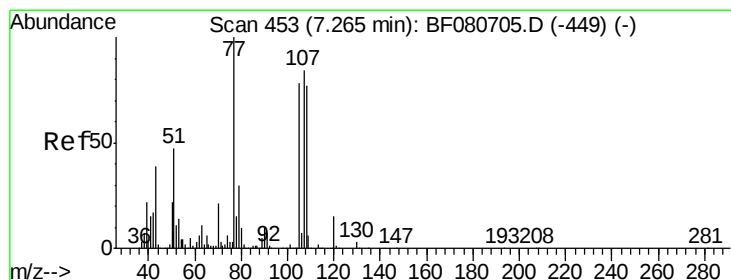
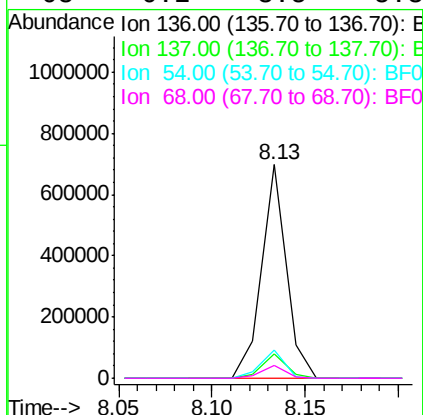
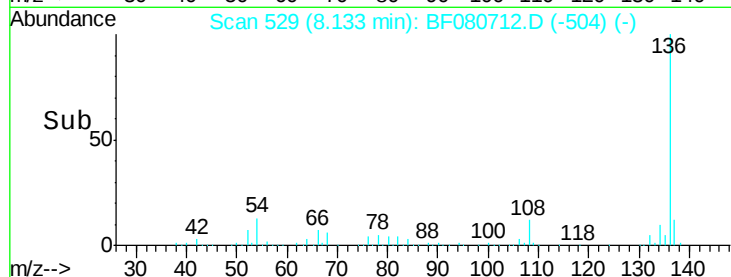
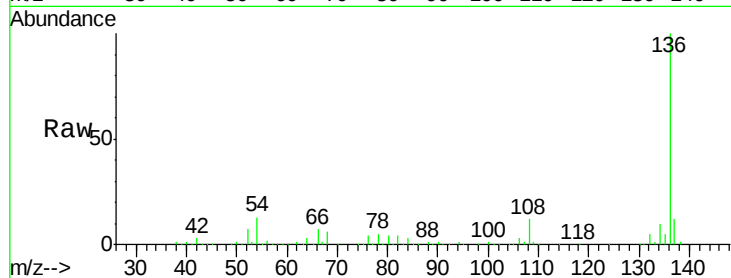




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

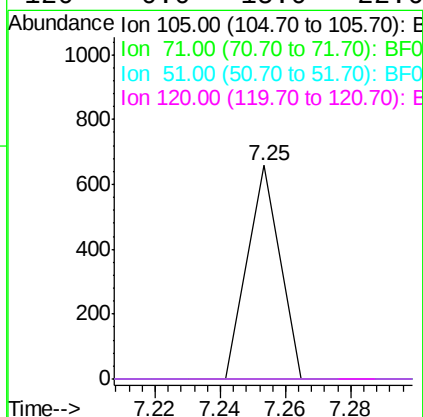
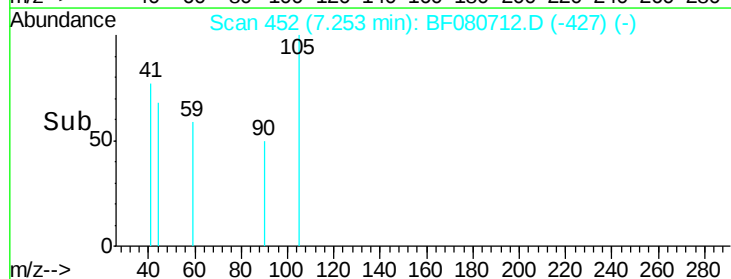
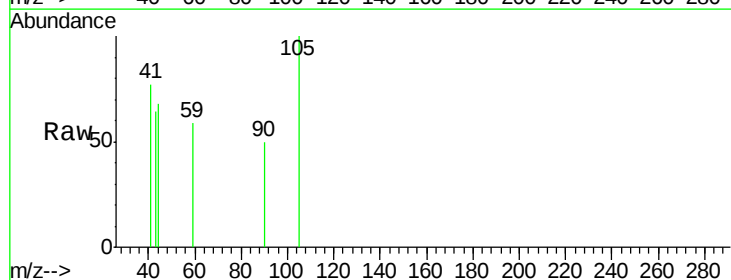
Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915

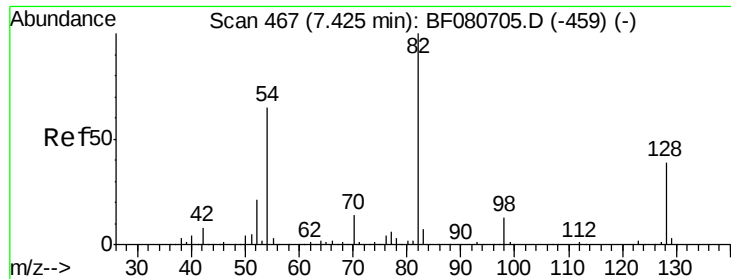
Tgt Ion:	136	Resp:	636211
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.4	12.6
54	13.2	6.9	10.3#
68	6.2	3.5	5.3#



#22
Acetophenone
Concen: 0.03 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Tgt Ion:	105	Resp:	452
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.4	5.0#
51	0.0	47.9	71.9#
120	0.0	15.0	22.6#

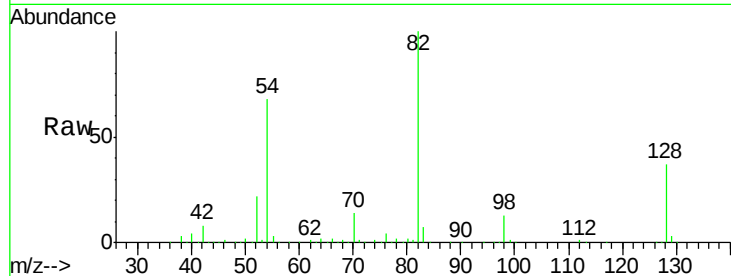




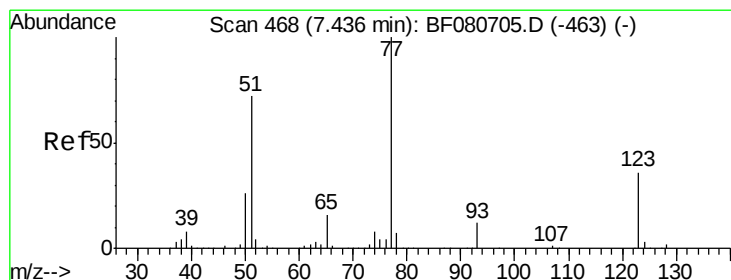
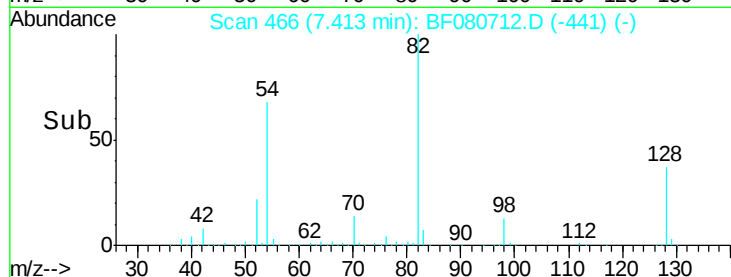
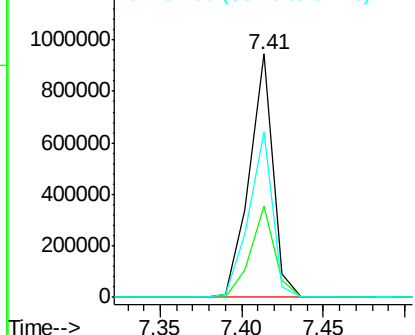
#23
 Nitrobenzene-d5
 Concen: 72.51 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915

Tgt Ion: 82 Resp: 952634
 Ion Ratio Lower Upper
 82 100
 128 37.4 31.5 47.3
 54 68.2 51.8 77.8

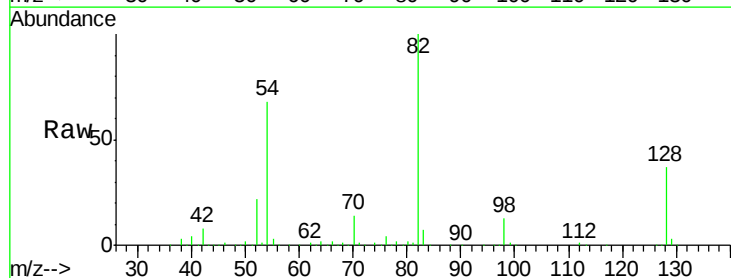


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

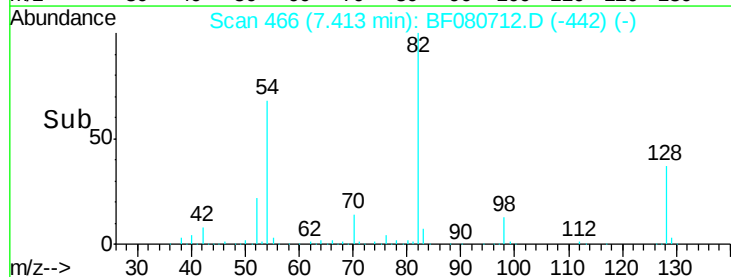
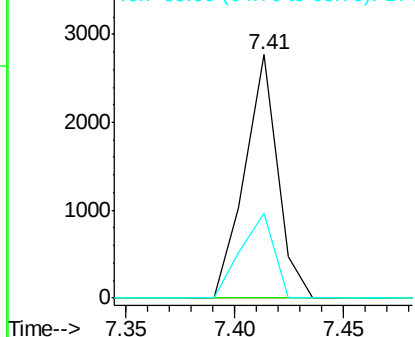


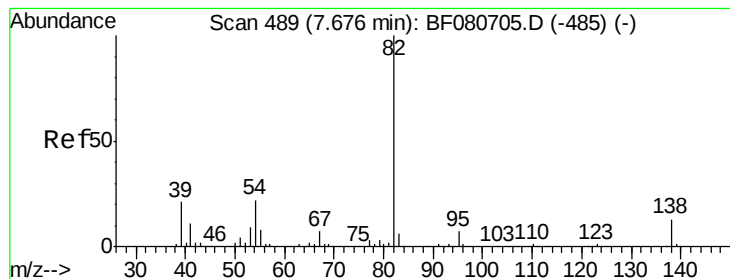
#24
 Nitrobenzene
 Concen: 0.22 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

Tgt Ion: 77 Resp: 2921
 Ion Ratio Lower Upper
 77 100
 123 0.0 28.9 43.3#
 65 34.7 13.0 19.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.37 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

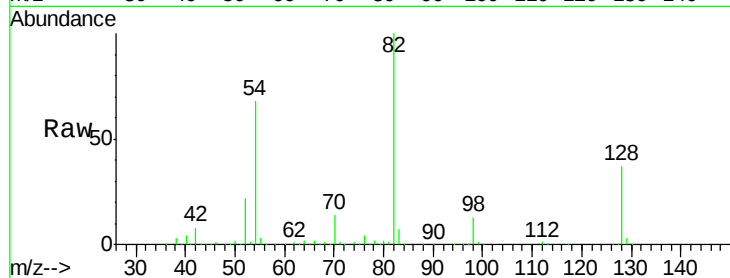
Tgt Ion: 82 Resp: 943168

Ion Ratio Lower Upper

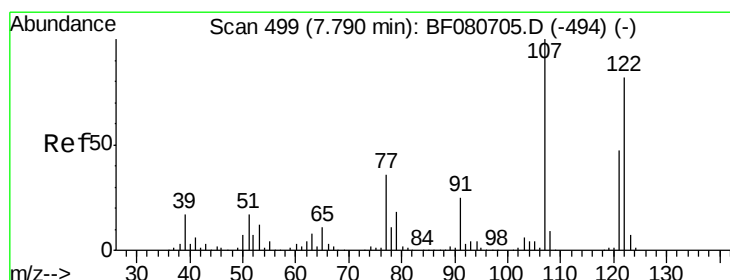
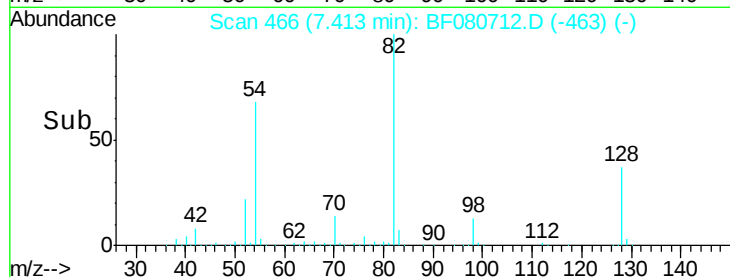
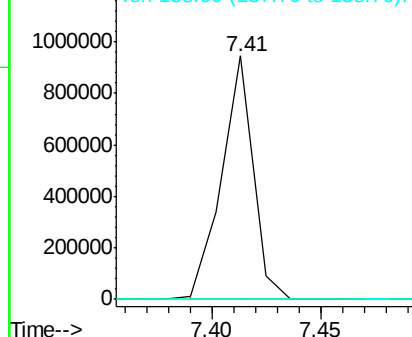
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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): E



#27

2,4-Dimethylphenol

Concen: 0.03 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.02 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

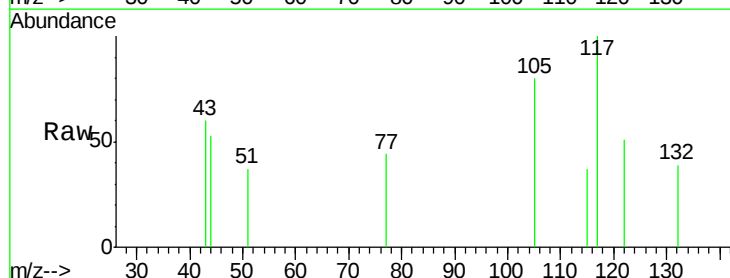
Tgt Ion: 122 Resp: 298

Ion Ratio Lower Upper

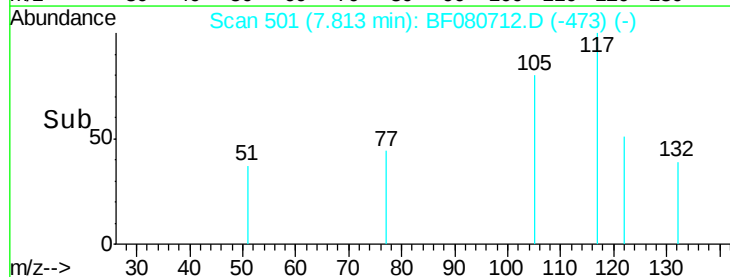
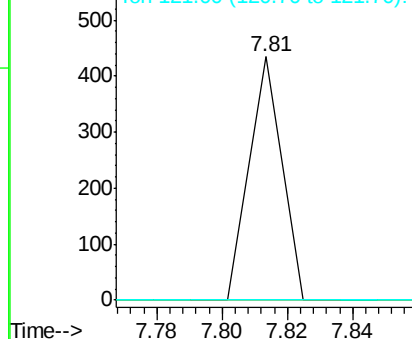
122 100

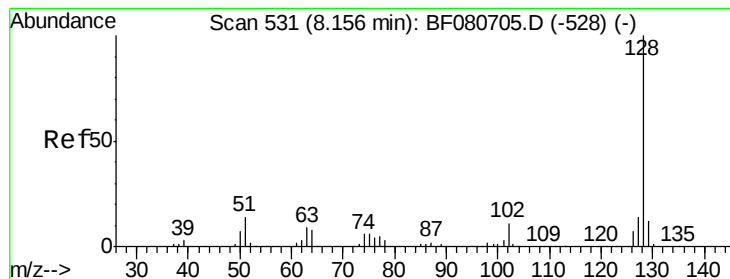
107 0.0 98.1 147.1#

121 0.0 45.8 68.8#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 0.01 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

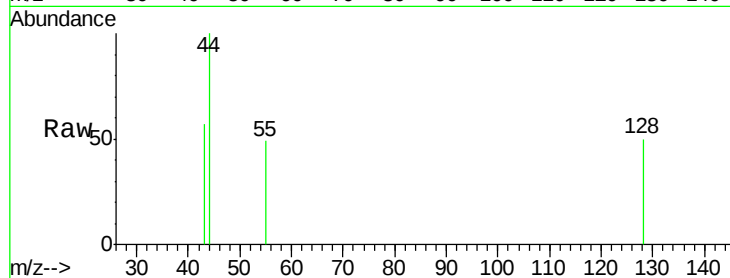
Tgt Ion:128 Resp: 217

Ion Ratio Lower Upper

128 100

129 0.0 9.5 14.3#

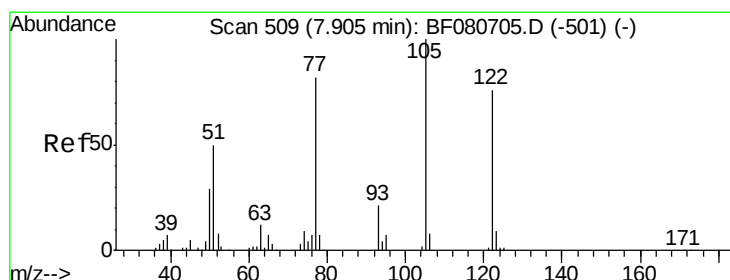
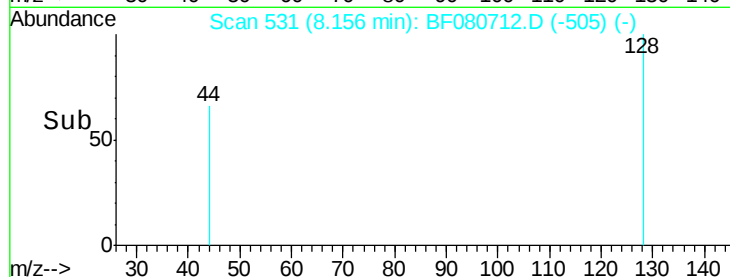
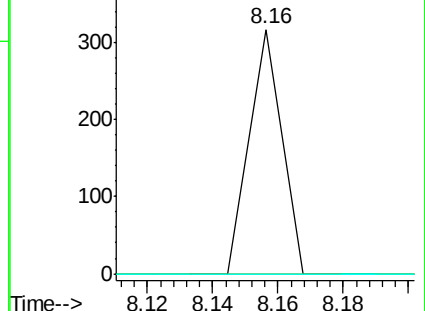
127 0.0 11.0 16.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.36 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.09 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

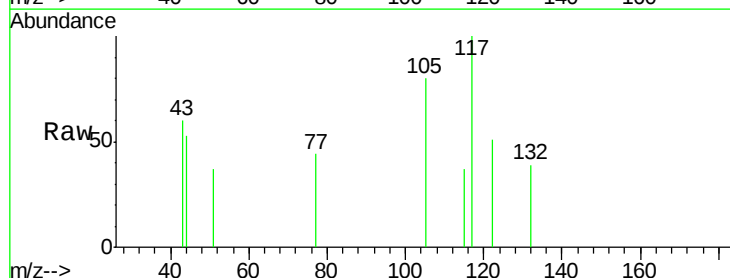
Tgt Ion:122 Resp: 298

Ion Ratio Lower Upper

122 100

105 157.2 111.3 151.3#

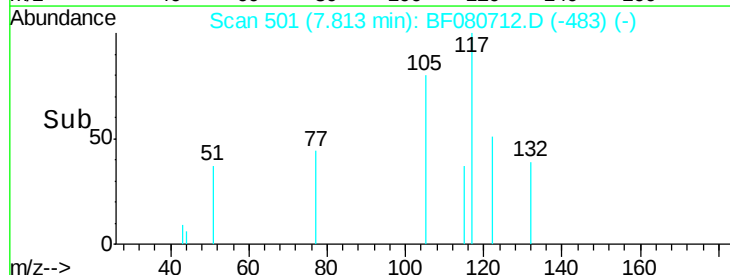
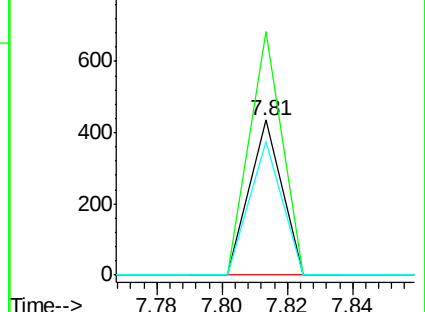
77 86.2 88.1 128.1#

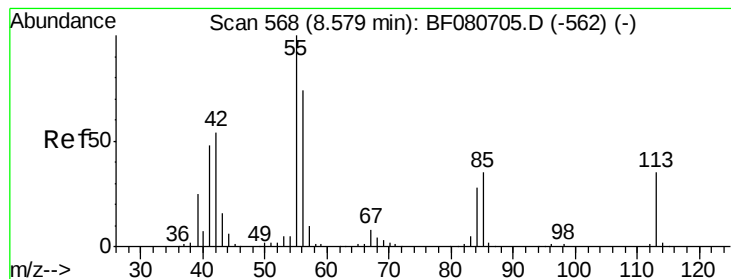


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 0.48 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.10 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

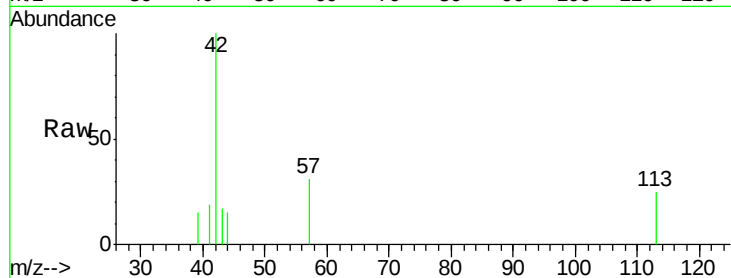
Tgt Ion:113 Resp: 1275

Ion Ratio Lower Upper

113 100

55 0.0 269.3 309.3#

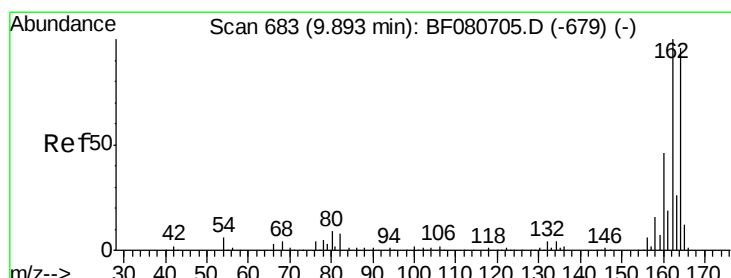
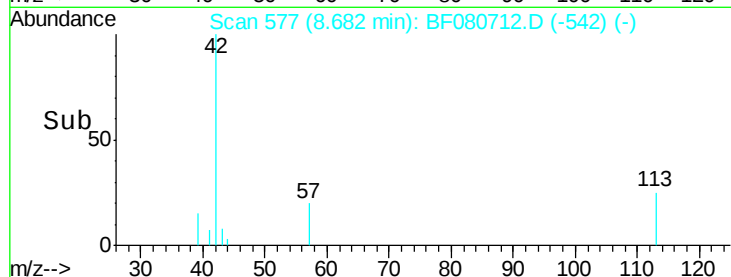
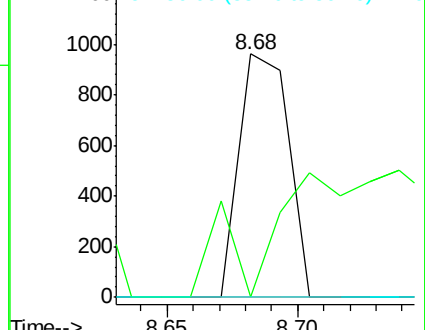
56 0.0 193.3 233.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

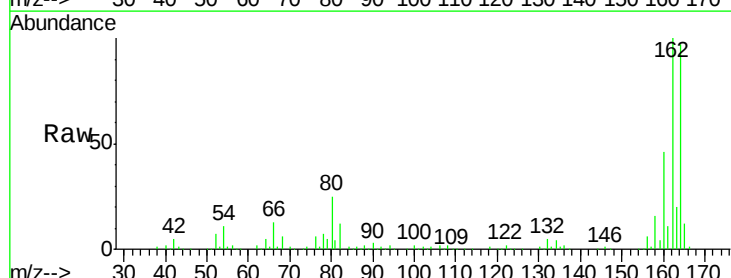
Tgt Ion:164 Resp: 311097

Ion Ratio Lower Upper

164 100

162 102.6 83.4 125.0

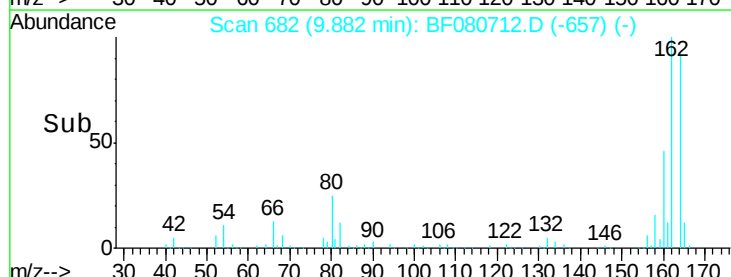
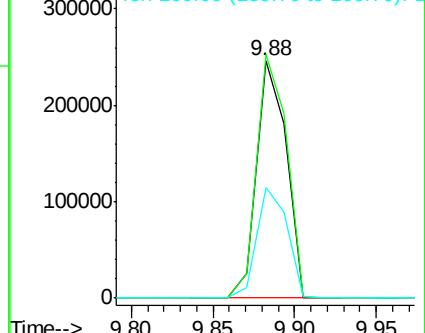
160 46.8 38.0 57.0

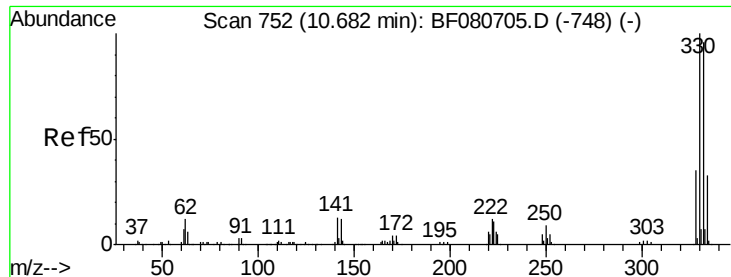


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

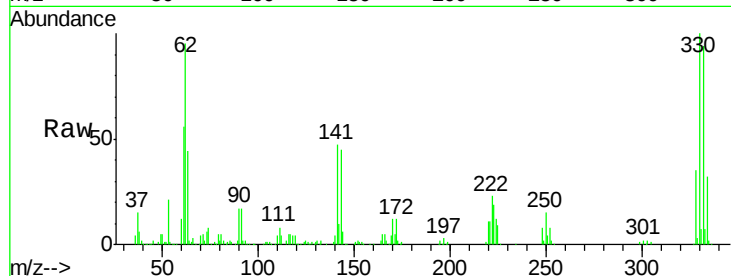




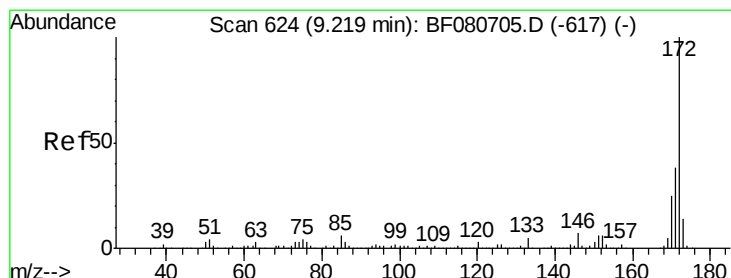
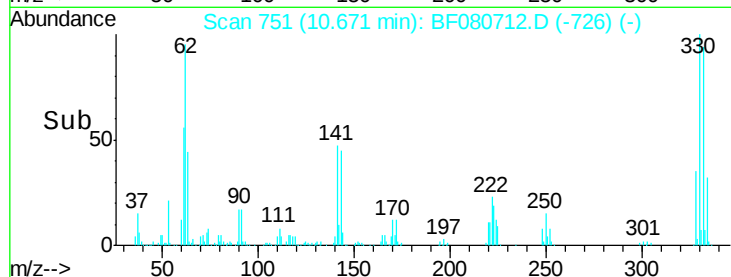
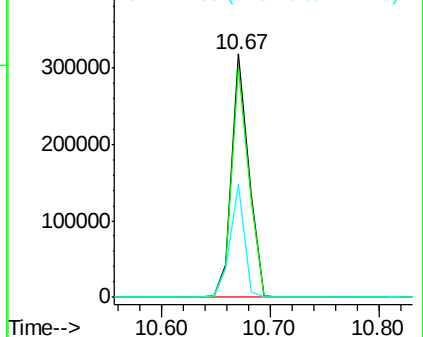
#41
 2,4,6-Tribromophenol
 Concen: 106.51 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915

Tgt Ion:330 Resp: 343821
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 39.3 26.0 39.0#

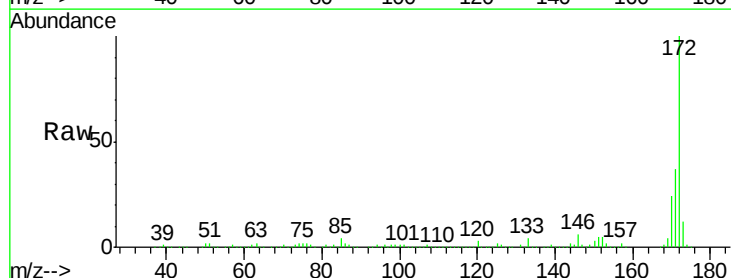


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

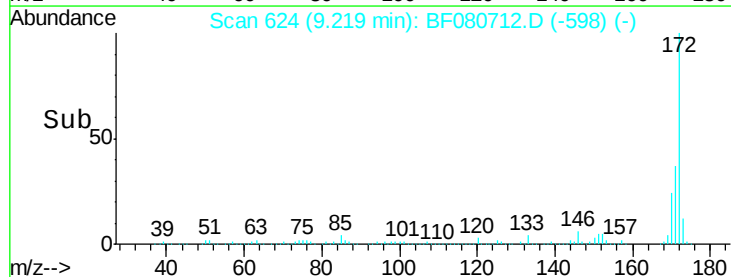
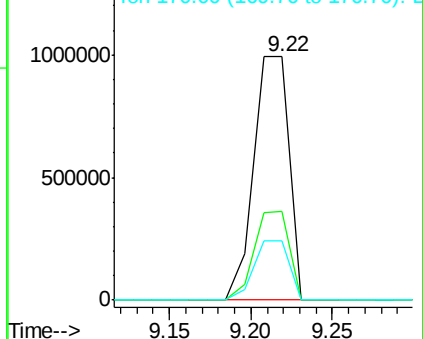


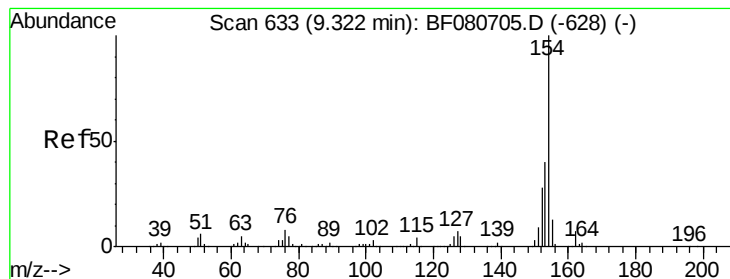
#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

Tgt Ion:172 Resp: 1495216
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.2 45.4
 170 24.5 20.2 30.2



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





#45

1,1'-Biphenyl

Concen: 0.13 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.11 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

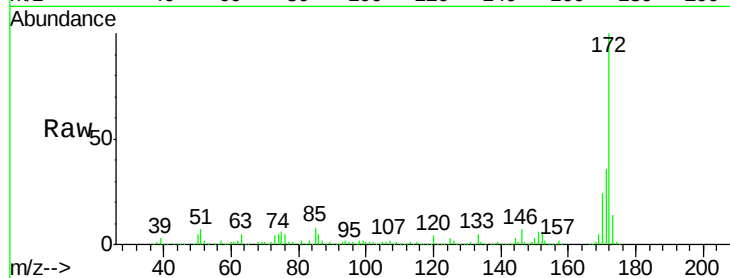
Tgt Ion:154 Resp: 3044

Ion Ratio Lower Upper

154 100

153 744.4 19.9 59.9#

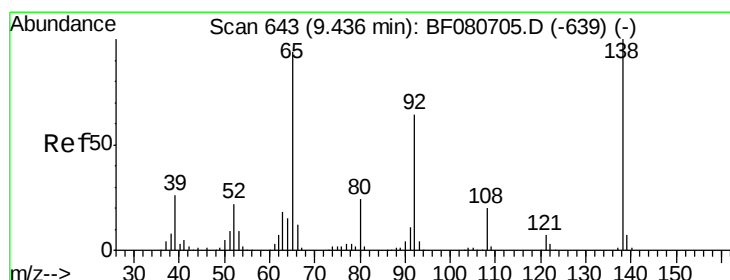
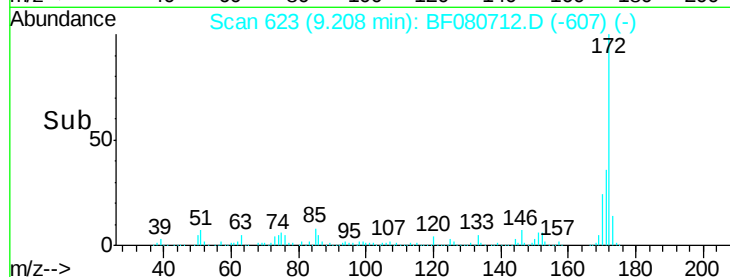
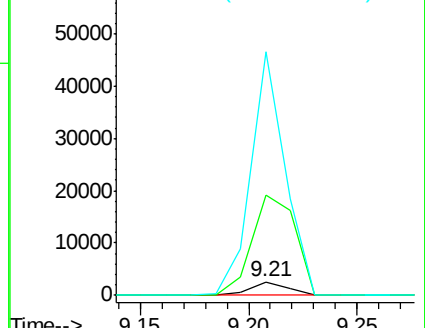
76 1797.6 0.0 28.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.12 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.10 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

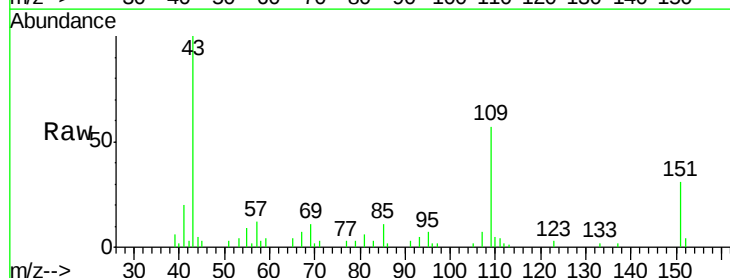
Tgt Ion: 65 Resp: 893

Ion Ratio Lower Upper

65 100

92 0.0 54.9 82.3#

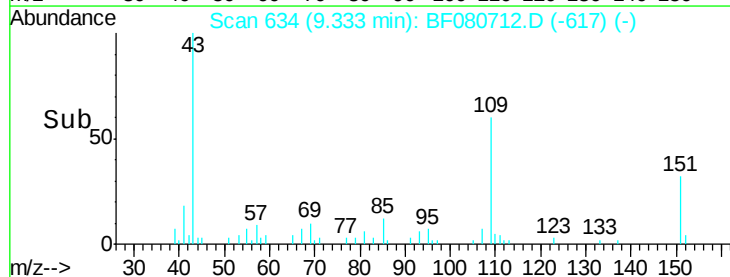
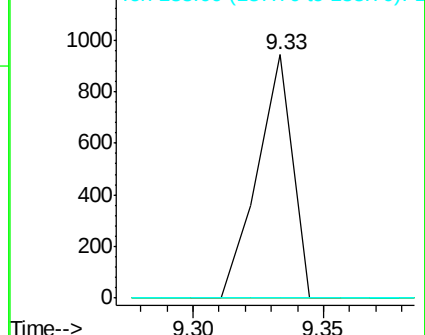
138 0.0 85.1 127.7#

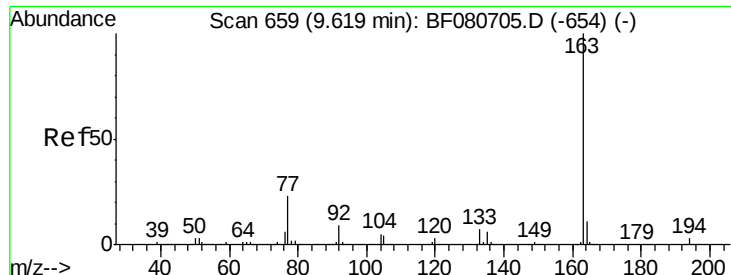


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

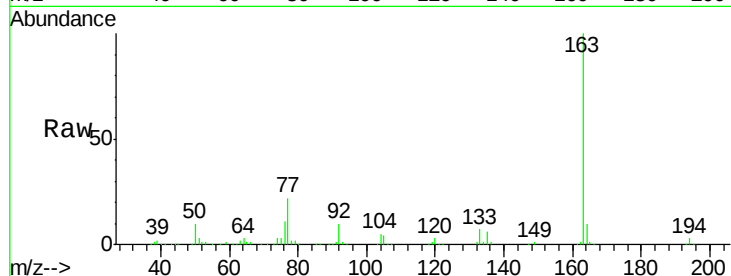




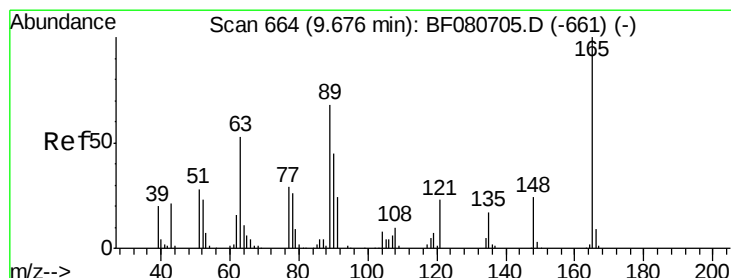
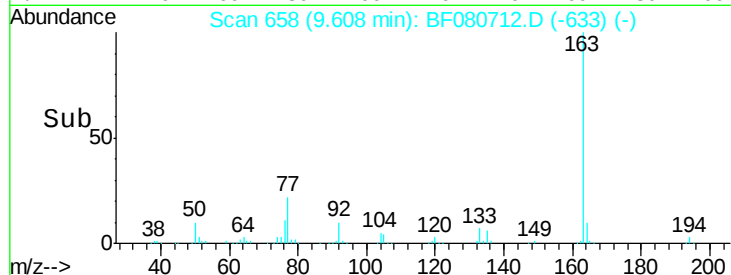
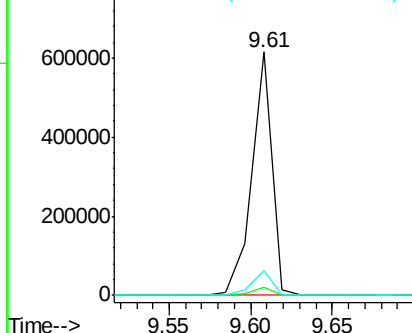
#49
Dimethylphthalate
Concen: 24.02 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915

Tgt Ion:163 Resp: 526489
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.7 13.1

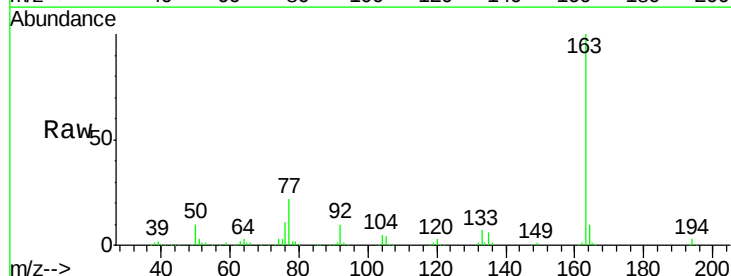


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

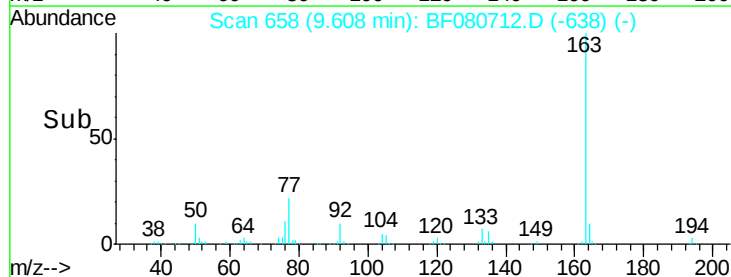
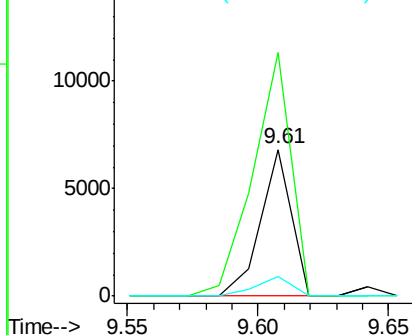


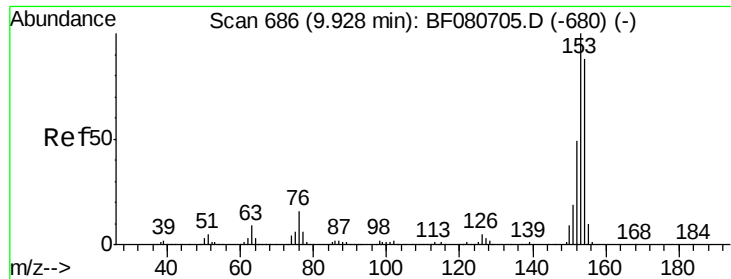
#50
2,6-Dinitrotoluene
Concen: 1.19 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.07 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Tgt Ion:165 Resp: 5541
Ion Ratio Lower Upper
165 100
63 166.4 62.3 93.5#
89 13.6 54.8 82.2#



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





#51

Acenaphthene

Concen: 0.07 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

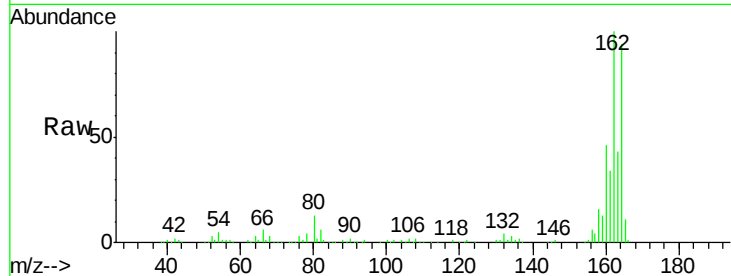
Tgt Ion:154 Resp: 1230

Ion Ratio Lower Upper

154 100

153 0.0 90.7 136.1#

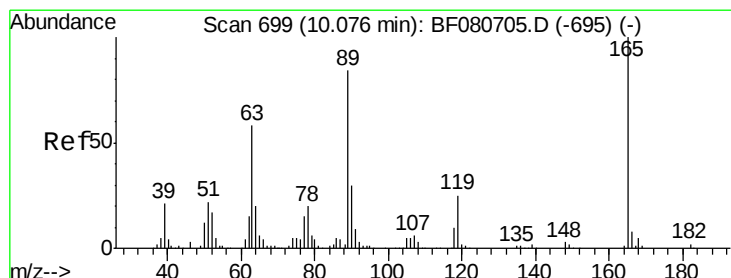
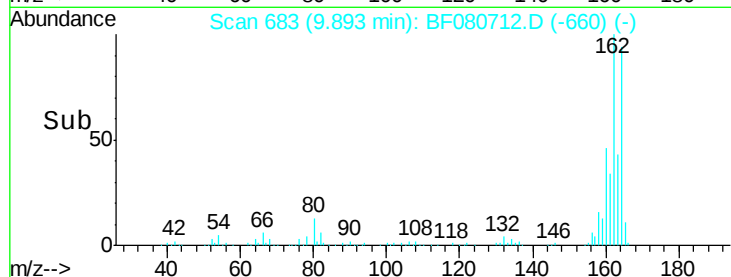
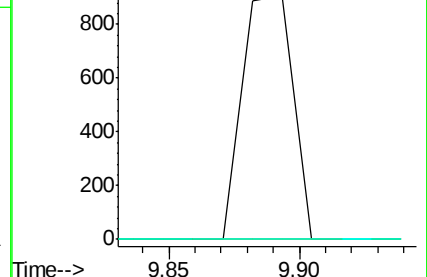
152 0.0 44.2 66.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 6.23 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Tgt Ion:165 Resp: 37985

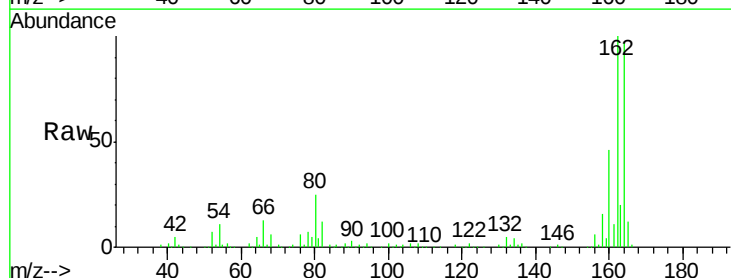
Ion Ratio Lower Upper

165 100

63 1.9 46.7 70.1#

89 3.2 67.4 101.2#

182 0.0 1.8 2.6#

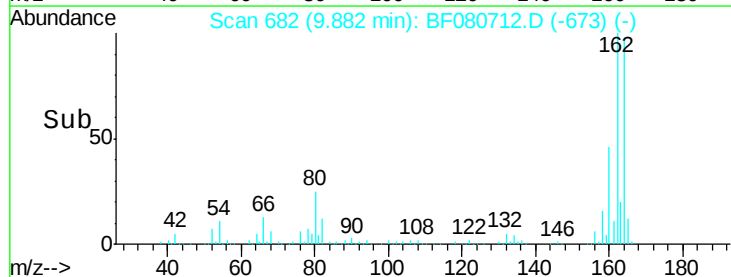
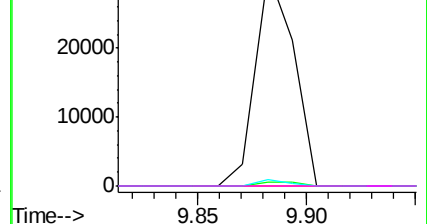


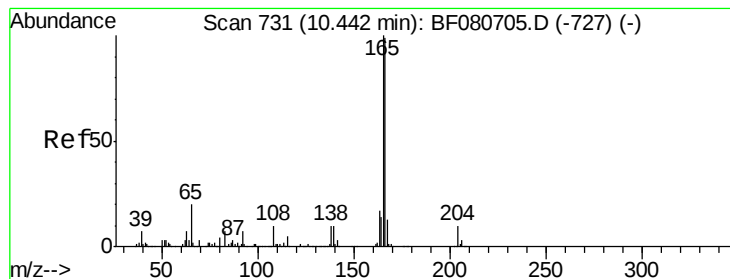
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 0.70 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.23 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

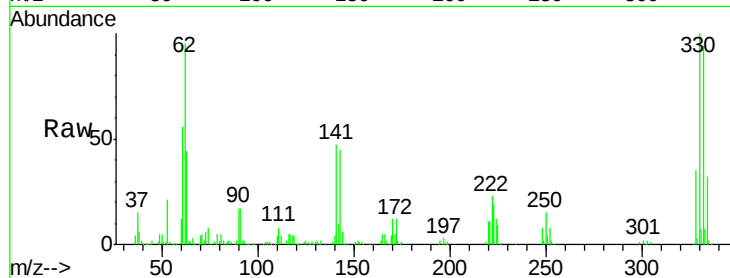
Tgt Ion:166 Resp: 13674

Ion Ratio Lower Upper

166 100

165 102.1 81.0 121.4

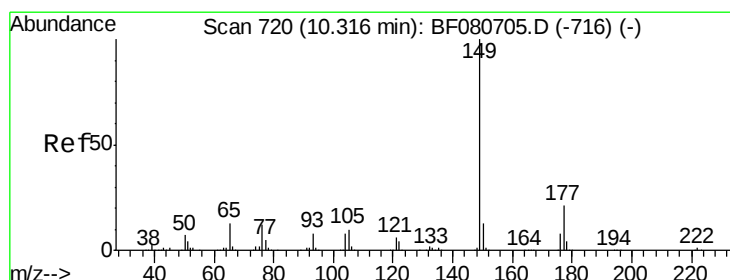
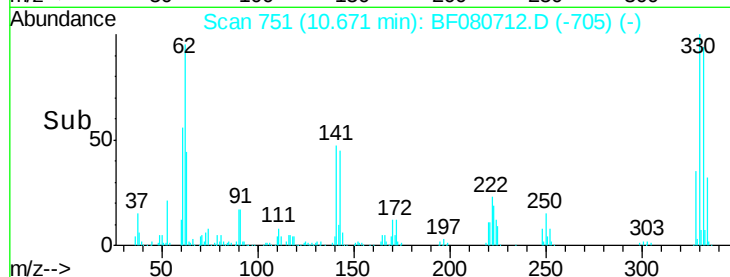
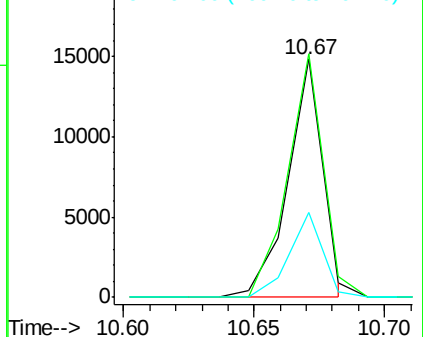
167 35.4 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.07 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

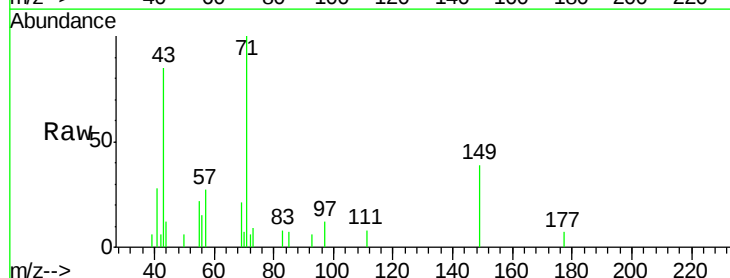
Tgt Ion:149 Resp: 1487

Ion Ratio Lower Upper

149 100

177 18.4 16.6 25.0

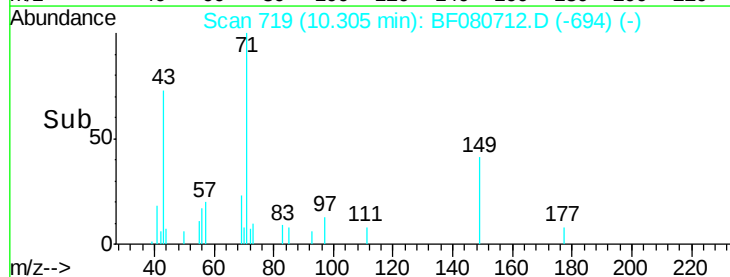
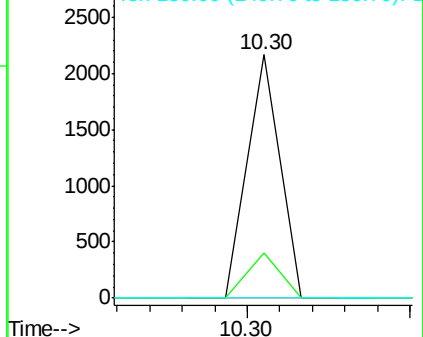
150 0.0 10.2 15.4#

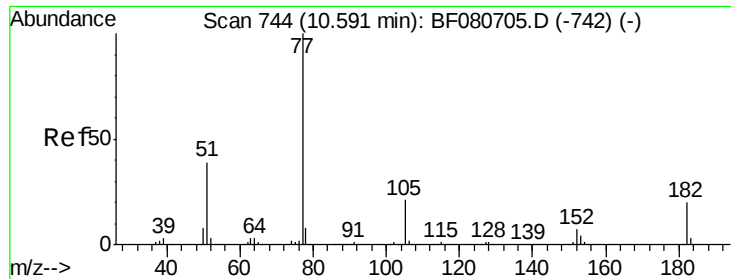


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.01 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

Tgt Ion: 77 Resp: 298

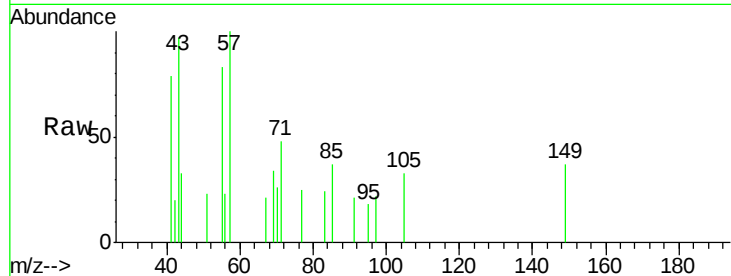
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.9

105 129.0 1.1 41.1#

51 90.1 18.9 58.9#



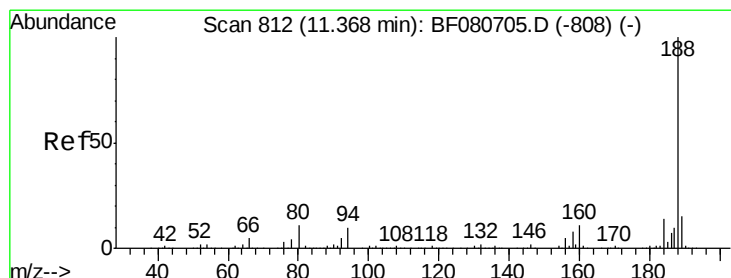
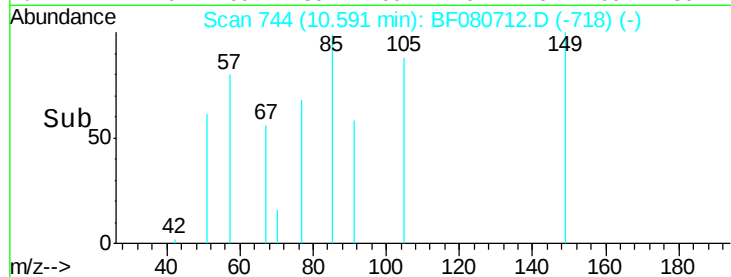
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time--> 10.55 10.60



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

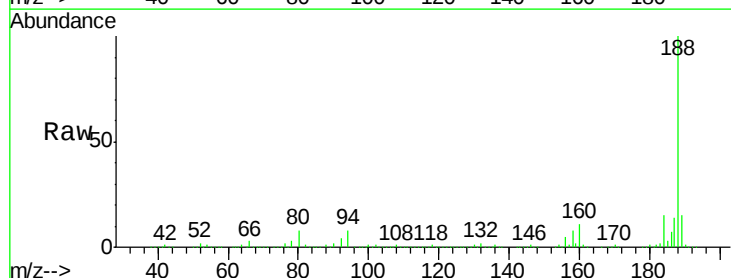
Tgt Ion: 188 Resp: 651568

Ion Ratio Lower Upper

188 100

94 7.9 8.1 12.1#

80 8.3 9.1 13.7#

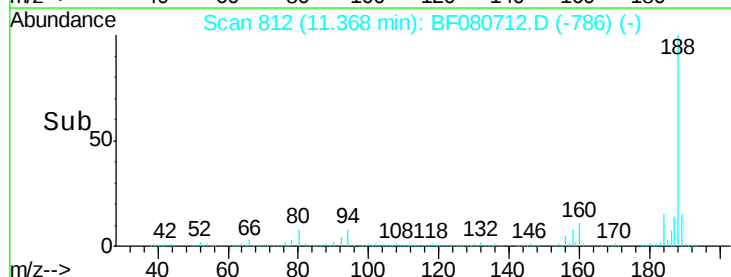


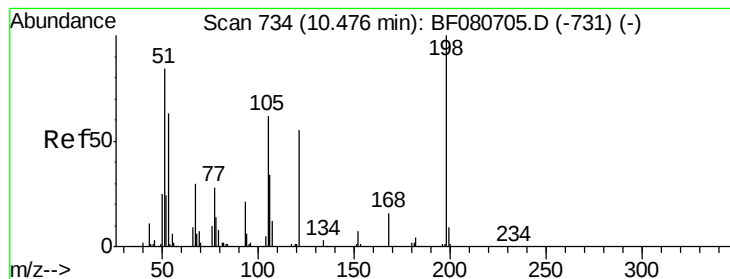
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.30 11.35 11.40





#64

4,6-Dinitro-2-methylphenol

Concen: 0.20 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.19 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

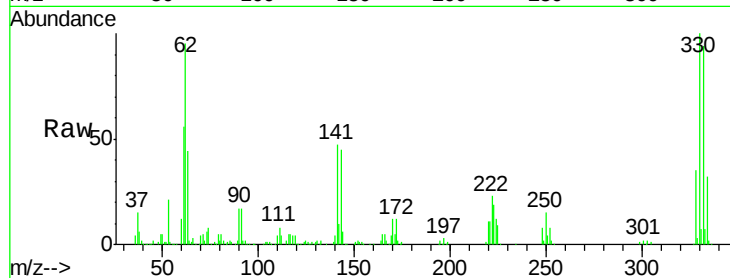
Tgt Ion:198 Resp: 771

Ion Ratio Lower Upper

198 100

51 211.1 84.6 124.6#

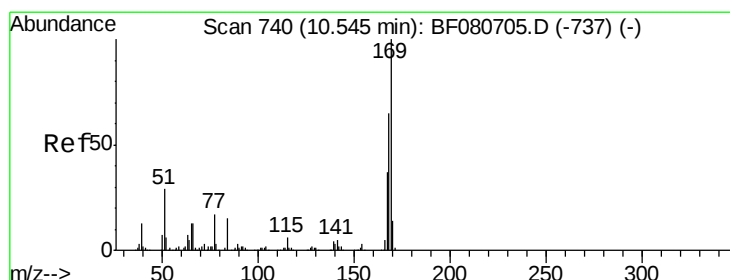
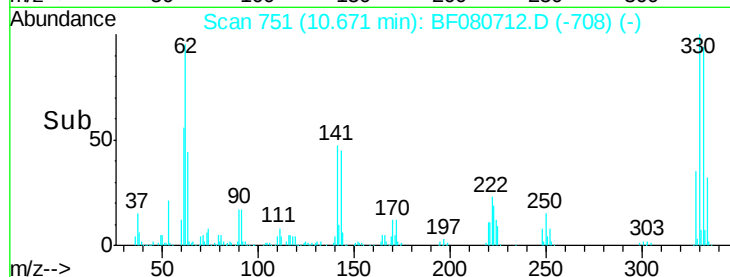
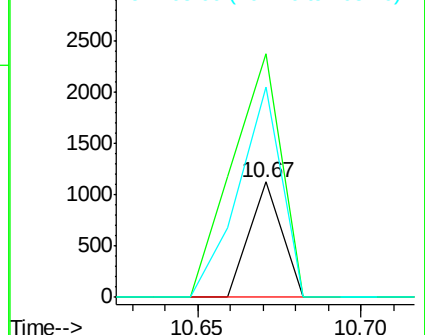
105 182.0 43.0 83.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.57 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.13 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

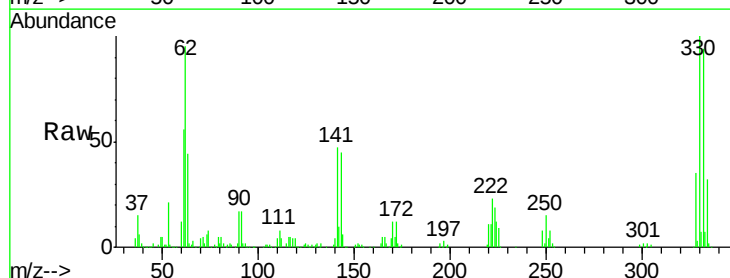
Tgt Ion:169 Resp: 12116

Ion Ratio Lower Upper

169 100

168 6.9 52.1 78.1#

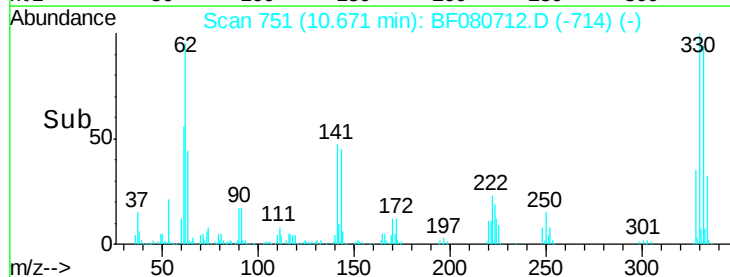
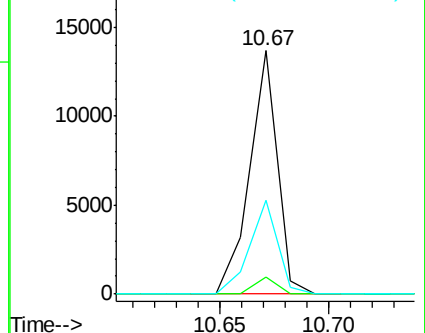
167 38.4 29.3 43.9

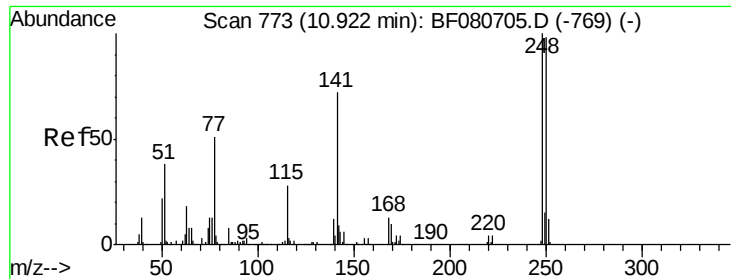


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

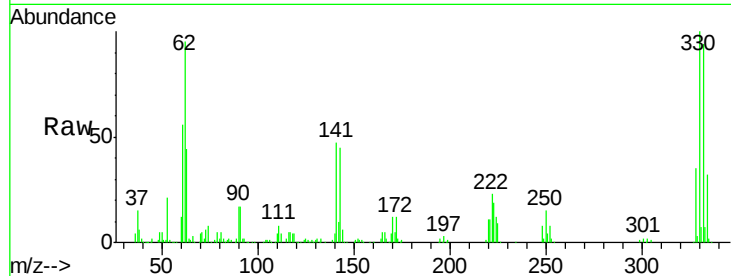




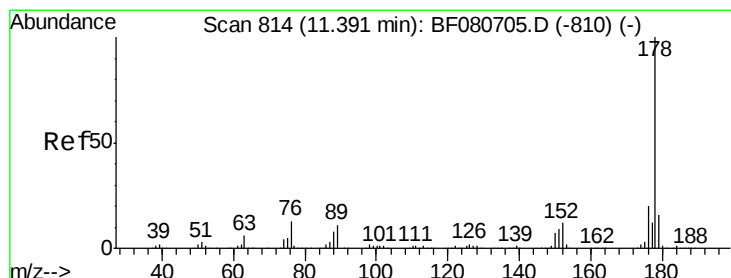
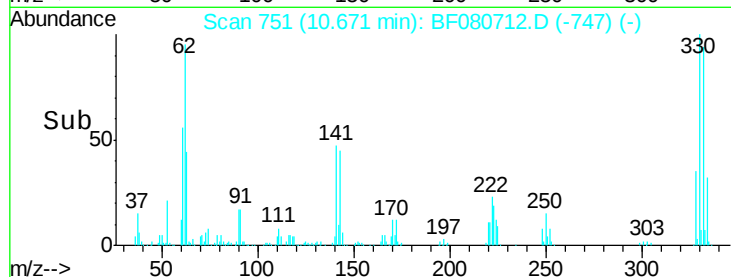
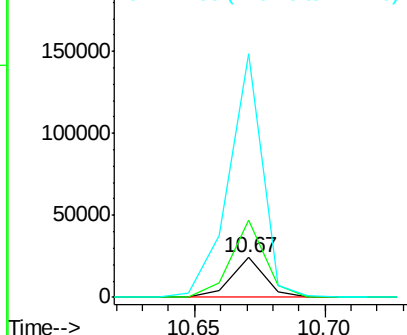
#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915

Tgt Ion:248 Resp: 22020
Ion Ratio Lower Upper
248 100
250 192.7 78.4 117.6#
141 612.5 57.5 86.3#

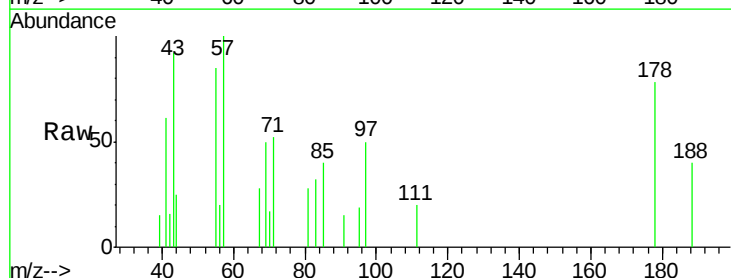


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

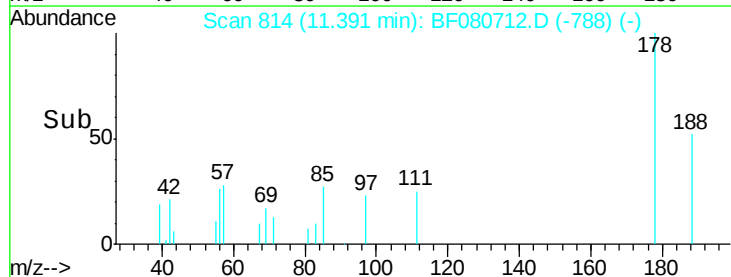
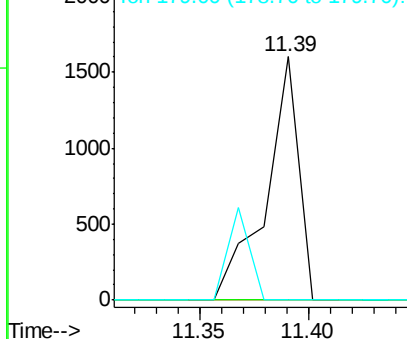


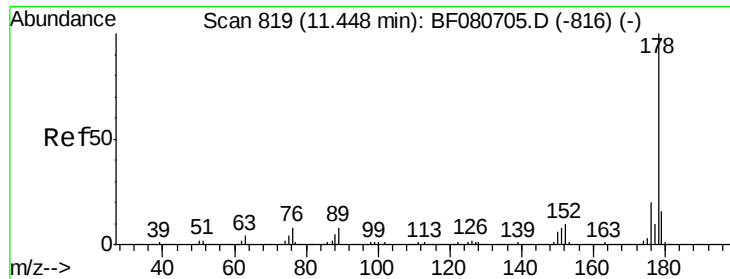
#70
Phenanthrene
Concen: 0.05 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF080712.D
Acq: 31 Jul 2015 1:26

Tgt Ion:178 Resp: 1685
Ion Ratio Lower Upper
178 100
176 0.0 16.2 24.4#
179 0.0 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

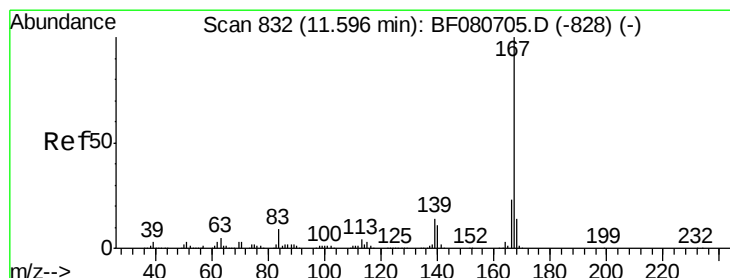
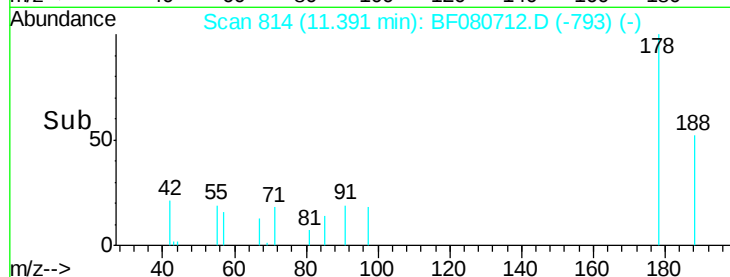
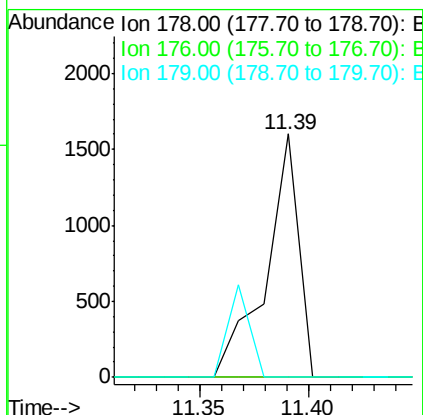
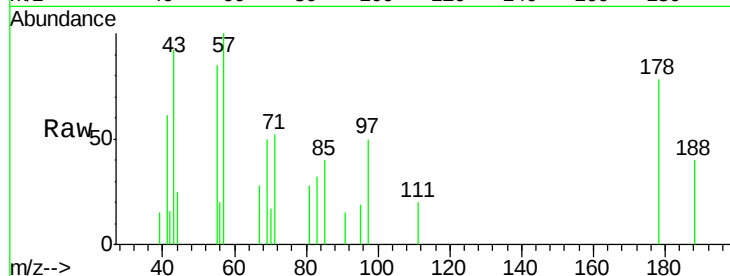




#71
 Anthracene
 Concen: 0.05 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

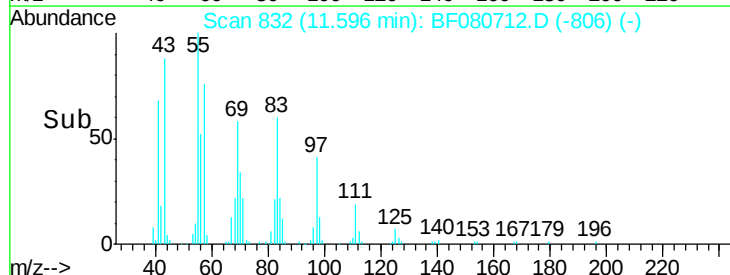
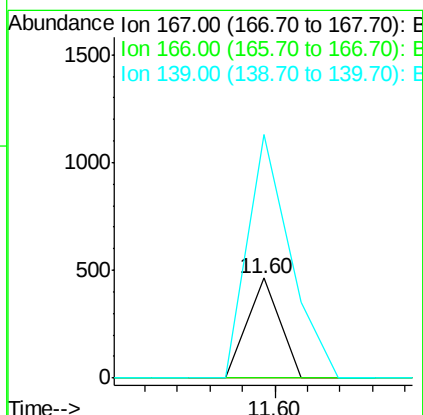
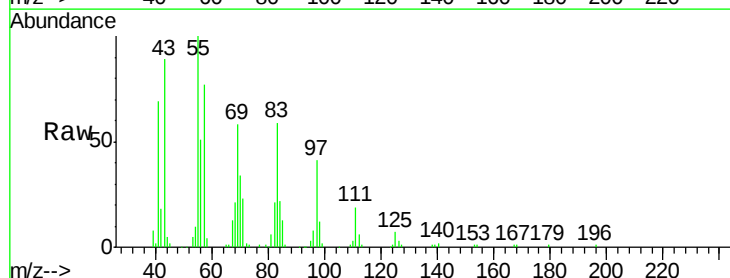
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915

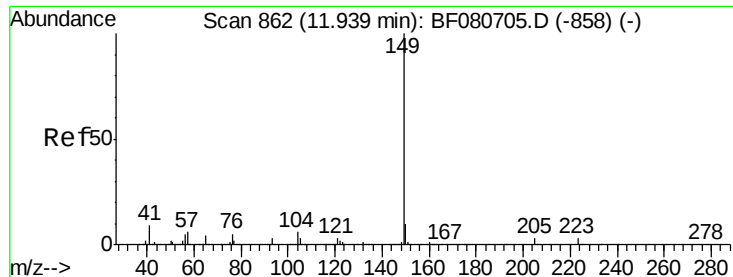
Tgt Ion:178 Resp: 1685
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.9 23.9#
 179 0.0 12.7 19.1#



#72
 Carbazole
 Concen: 0.01 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

Tgt Ion:167 Resp: 318
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 243.8 11.5 17.3#





#73

Di-n-butylphthalate

Concen: 0.11 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

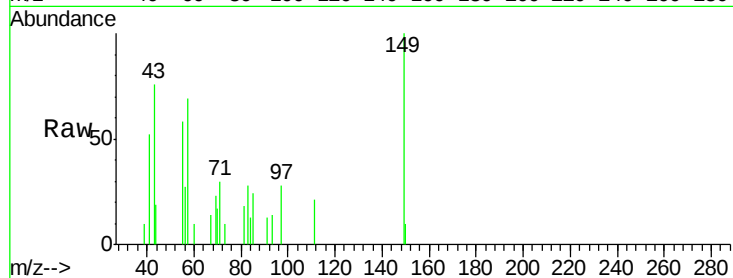
Tgt Ion:149 Resp: 3958

Ion Ratio Lower Upper

149 100

150 10.1 7.6 11.4

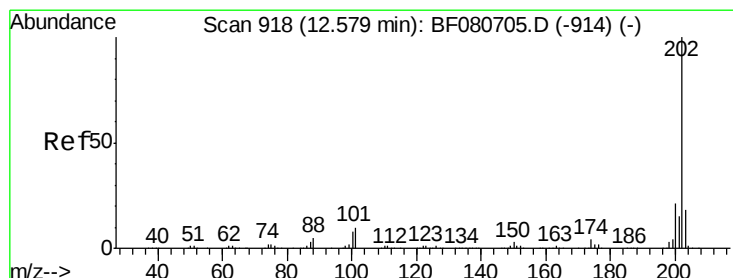
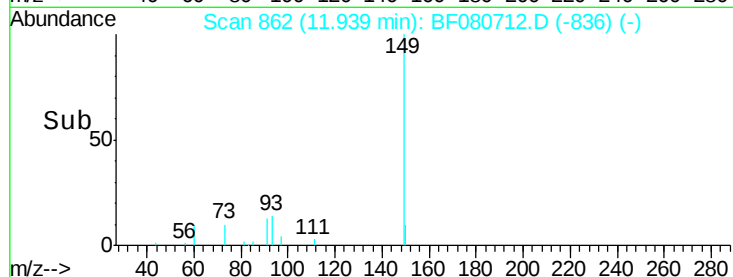
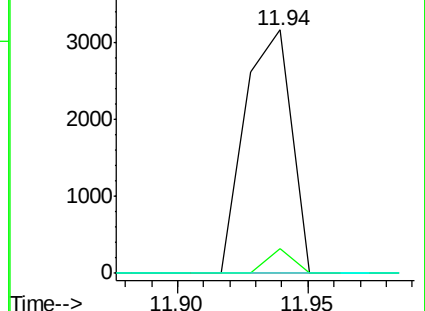
104 0.0 4.4 6.6#



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: 0.04 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

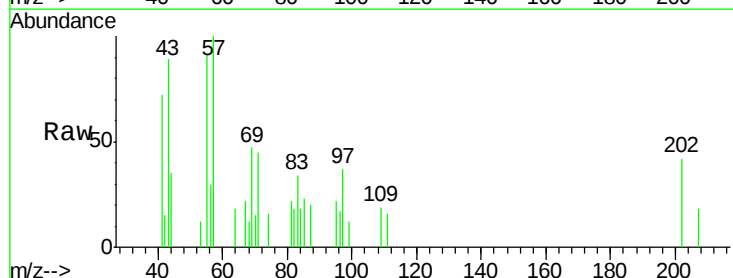
Tgt Ion:202 Resp: 1200

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

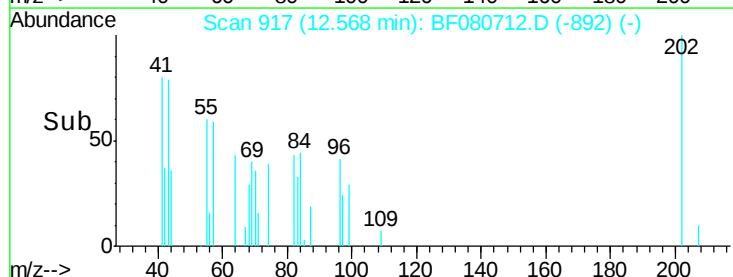
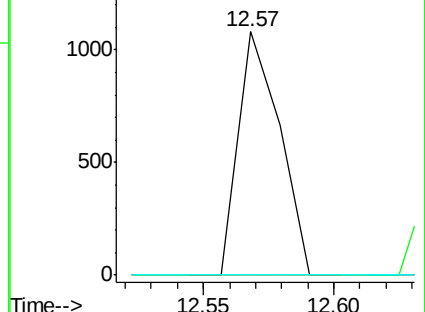
203 0.0 0.0 37.8

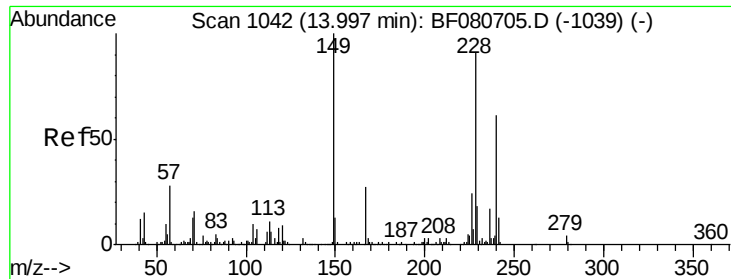


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

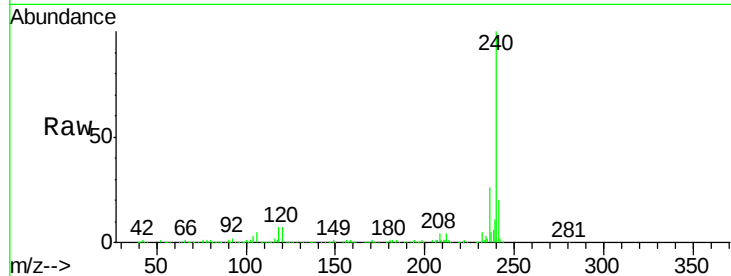
Tgt Ion:240 Resp: 463449

Ion Ratio Lower Upper

240 100

120 7.5 11.8 17.8#

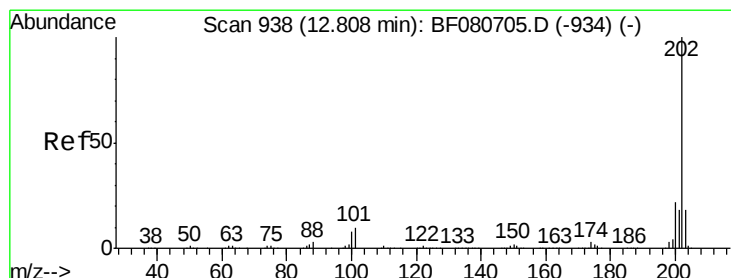
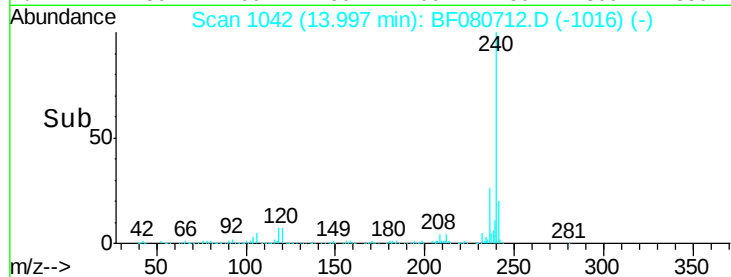
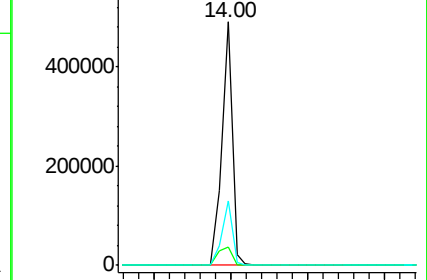
236 26.4 21.8 32.8



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



#77

Pyrene

Concen: 0.02 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

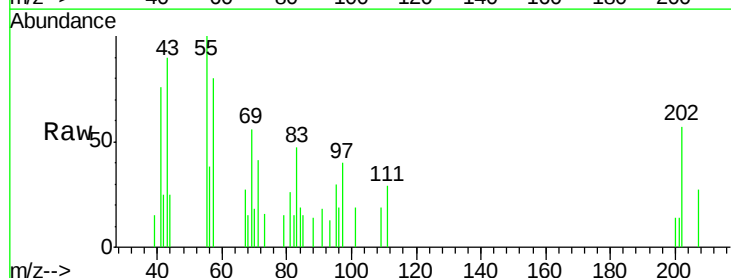
Tgt Ion:202 Resp: 896

Ion Ratio Lower Upper

202 100

200 24.8 17.4 26.2

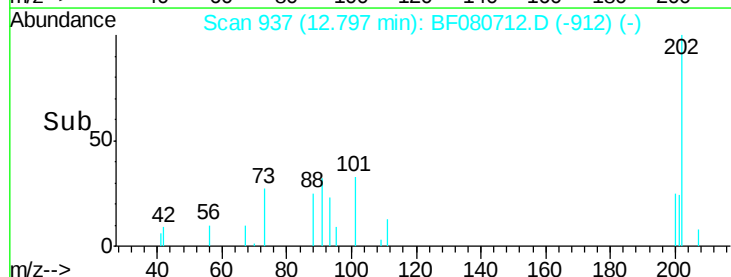
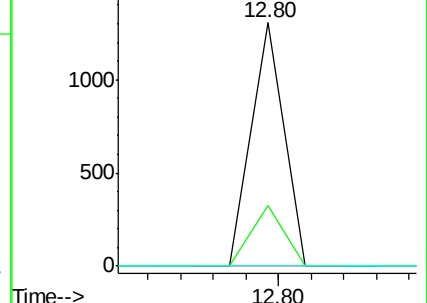
203 0.0 14.2 21.2#

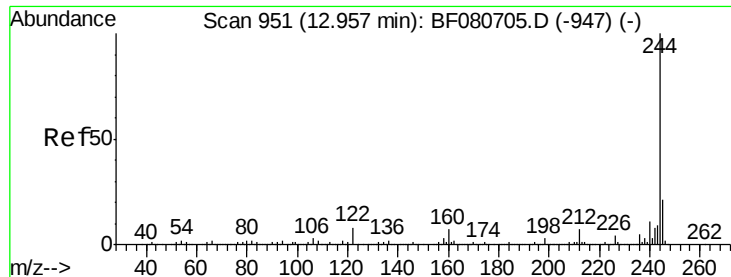


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 59.00 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

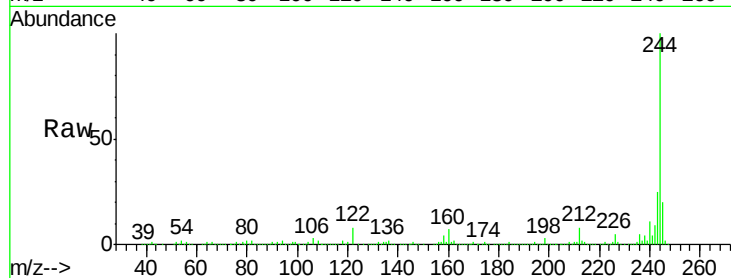
Tgt Ion:244 Resp: 1445786

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

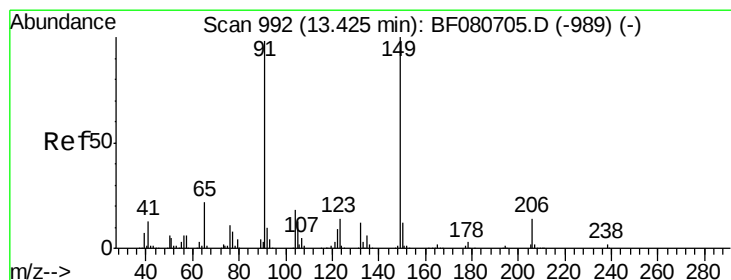
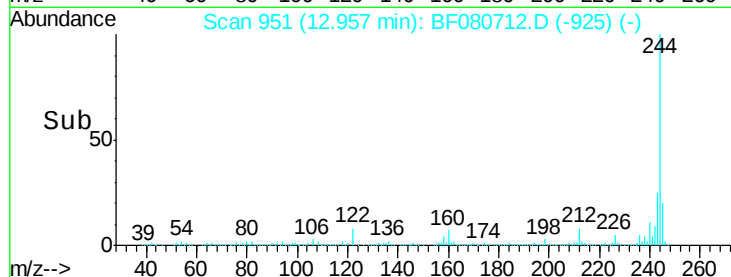
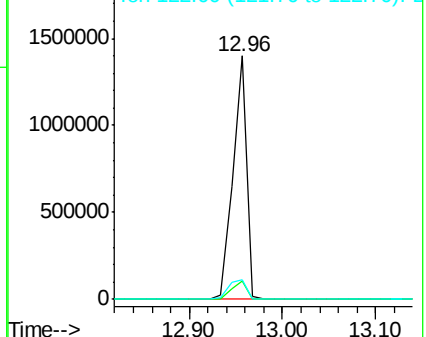
122 7.8 6.6 9.8



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: 1.73 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

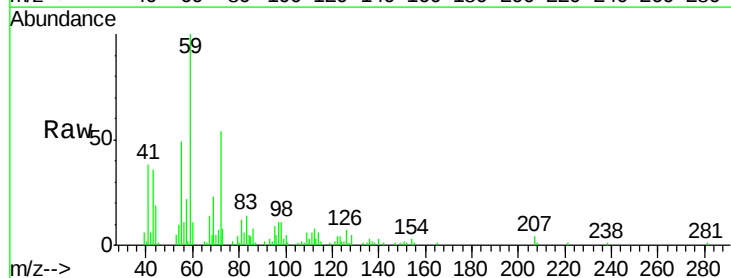
Tgt Ion:149 Resp: 747

Ion Ratio Lower Upper

149 100

91 154.3 78.6 118.0#

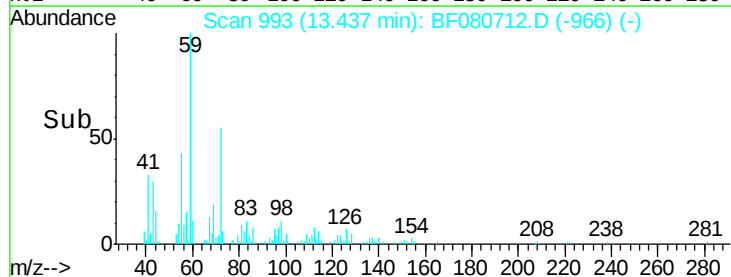
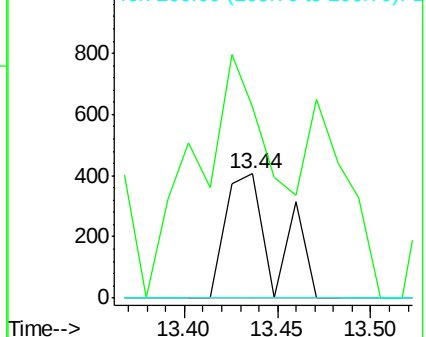
206 0.0 11.4 17.2#

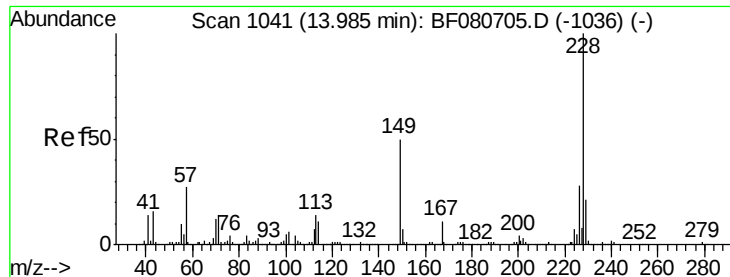


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.06 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

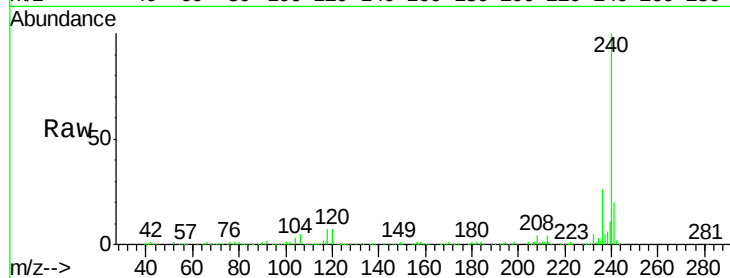
Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

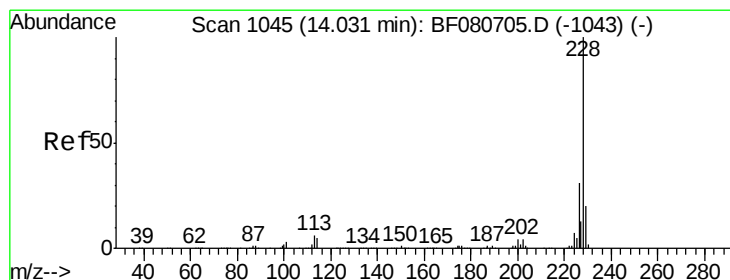
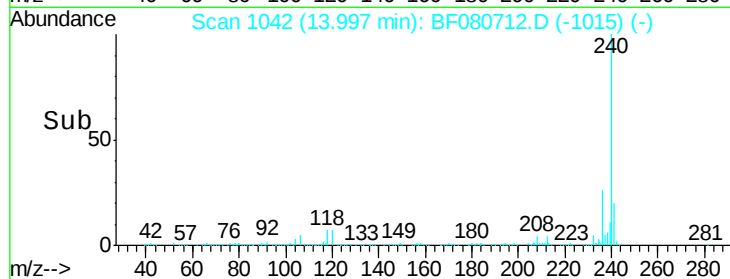
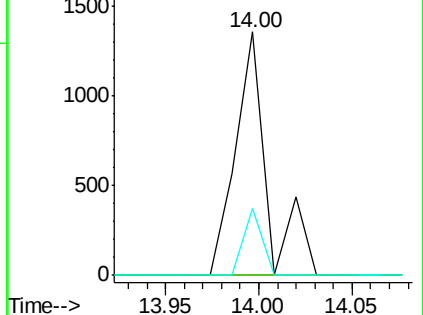
Tgt Ion:	228	Resp:	1623
Ion Ratio	Lower	Upper	
228	100		
226	0.0	22.6	33.8#
229	27.4	16.6	25.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.06 ng

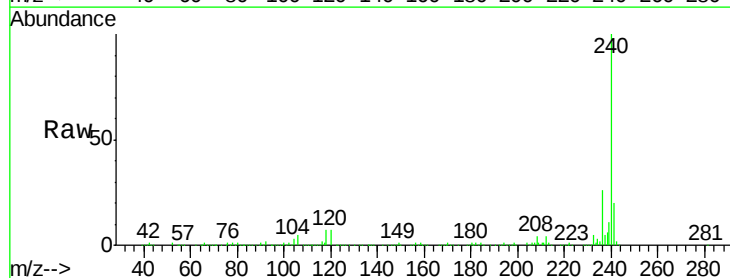
RT: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

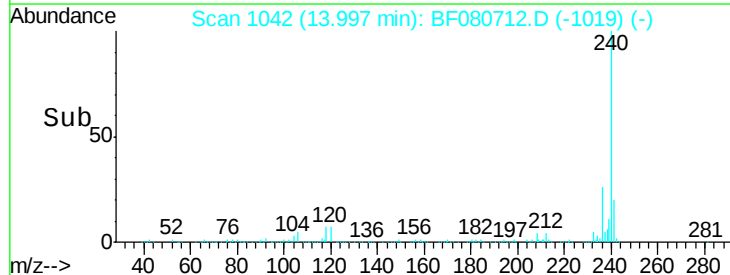
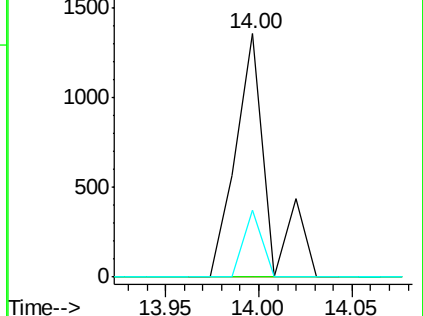
Tgt Ion:	228	Resp:	1623
Ion Ratio	Lower	Upper	
228	100		
226	0.0	25.1	37.7#
229	27.4	15.8	23.8#

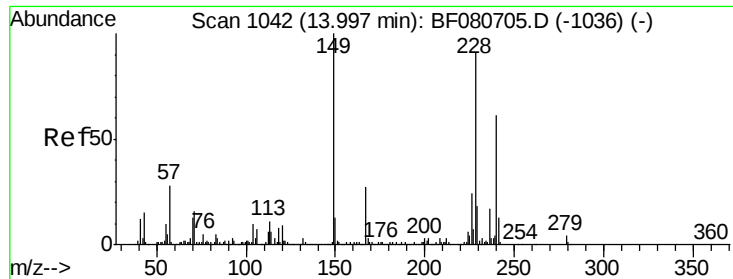


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

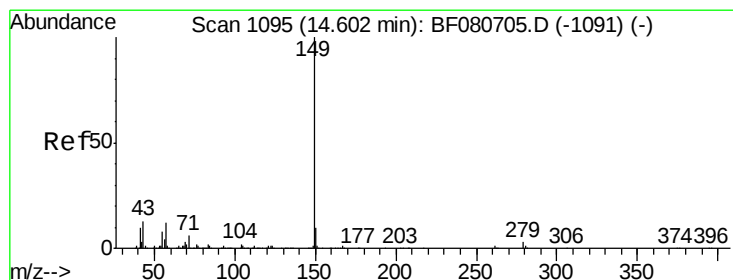
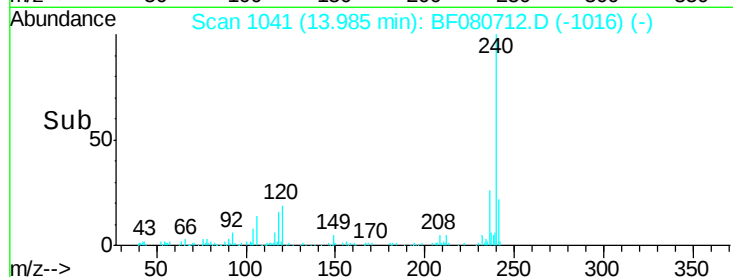
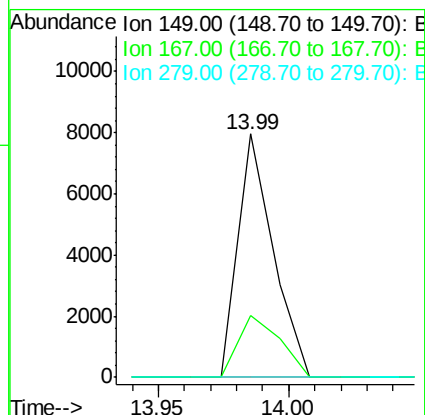
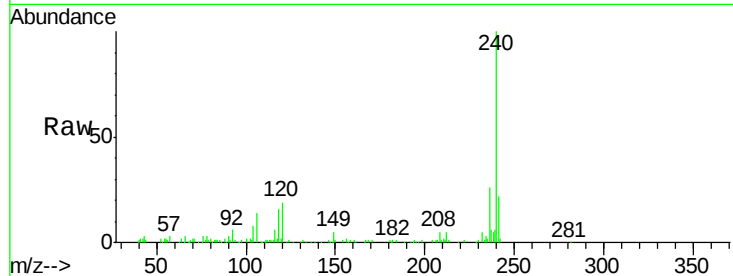




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.42 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

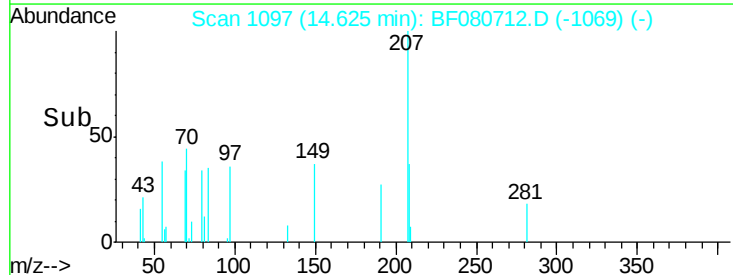
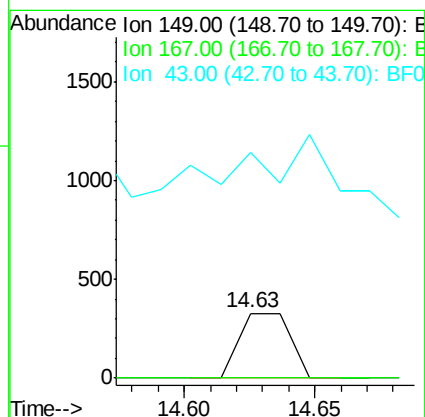
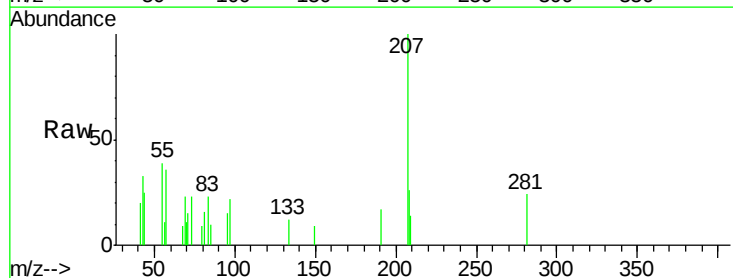
Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915

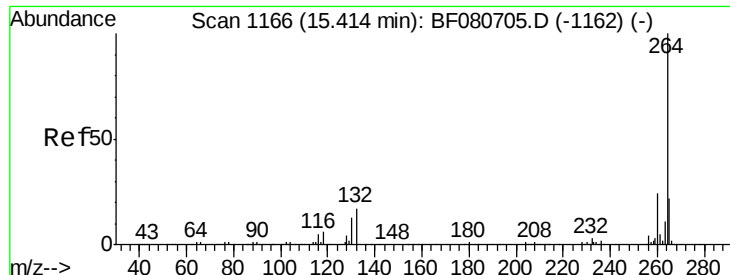
Tgt Ion:149 Resp: 7551
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.8 32.8
 279 0.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. 0.02 min
 Lab File: BF080712.D
 Acq: 31 Jul 2015 1:26

Tgt Ion:149 Resp: 447
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 160.4 12.2 18.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915

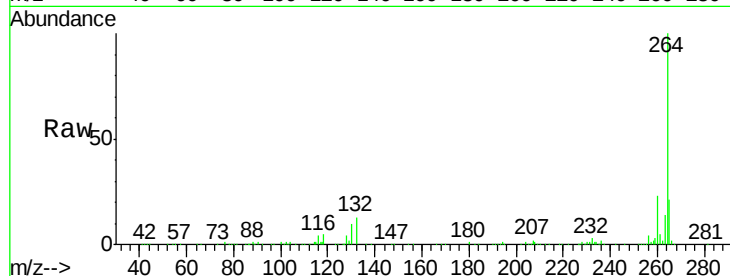
Tgt Ion:264 Resp: 358608

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

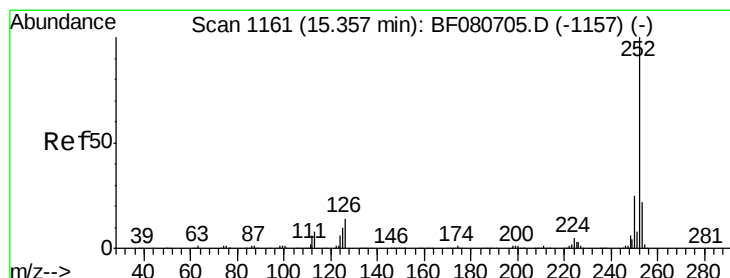
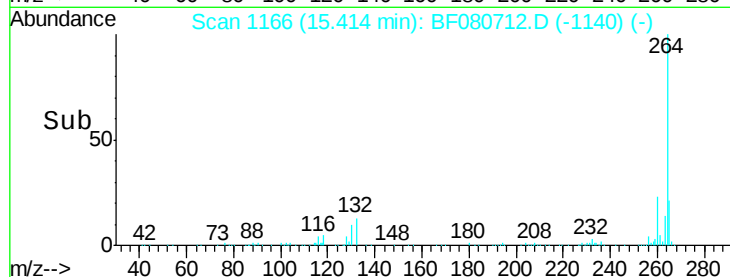
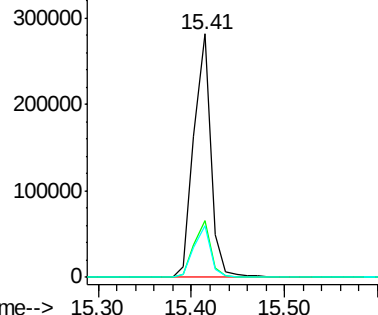
265 21.2 17.3 25.9



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



#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.06 min

Lab File: BF080712.D

Acq: 31 Jul 2015 1:26

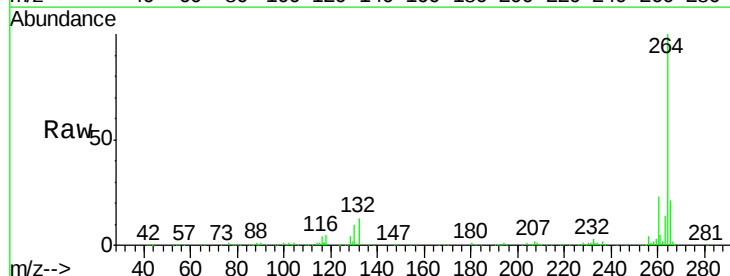
Tgt Ion:252 Resp: 826

Ion Ratio Lower Upper

252 100

253 40.0 17.2 25.8#

125 0.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

