

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080711.D
 Acq On : 31 Jul 2015 00:55
 Operator : TP/UM
 Sample : G3077-13RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Quant Time: Jul 31 02:05:54 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	177666	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	648768	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	327601	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	684493	20.00	ng	0.00
75) Chrysene-d12	14.00	240	495860	20.00	ng	0.00
86) Perylene-d12	15.41	264	371152	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1140981	110.17	ng	0.02
7) Phenol-d6	6.49	99	1631749	115.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	1149582	85.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	539464	158.70	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2161173	98.42	ng	0.00
78) Terphenyl-d14	12.96	244	1908581	72.80	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.18	42	210	0.03	ng	# 1
6) Aniline	6.62	93	2007	0.10	ng	# 1
8) 2-Chlorophenol	6.64	128	597	0.05	ng	# 1
9) Benzaldehyde	6.49	77	2258	Below Cal		# 1
10) Phenol	6.50	94	583	0.04	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	2007	0.17	ng	# 1
12) 1,3-Dichlorobenzene	7.01	146	333	0.03	ng	# 1
13) 1,4-Dichlorobenzene	7.01	146	333	0.03	ng	# 1
14) 1,2-Dichlorobenzene	7.01	146	333	0.03	ng	# 1
15) Benzyl Alcohol	7.01	79	23821	2.03	ng	# 50
16) 2,2'-oxybis(1-Chloropropan	7.12	45	662	0.03	ng	# 76
17) 2-Methylphenol	6.99	107	239	0.03	ng	# 8
19) n-Nitroso-di-n-propylamine	7.41	70	156665	16.50	ng	# 79
22) Acetophenone	7.25	105	3042	0.19	ng	# 81
24) Nitrobenzene	7.41	77	3541	0.26	ng	# 45
25) Isophorone	7.41	82	1142590	47.96	ng	# 71
27) 2,4-Dimethylphenol	7.81	122	3538	0.35	ng	# 1
31) Naphthalene	8.16	128	870	0.03	ng	# 67
32) Benzoic acid	7.81	122	3538	0.81	ng	# 96
35) Caprolactam	8.53	113	755	0.28	ng	# 82
37) 2-Methylnaphthalene	8.84	142	873	0.04	ng	# 82
45) 1,1'-Biphenyl	9.22	154	4358	0.17	ng	# 1
47) 2-Nitroaniline	9.21	65	4263	0.53	ng	# 1
48) Acenaphthylene	9.92	152	351	0.01	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	42148	8.60	ng	# 15
51) Acenaphthene	9.88	154	1064	0.05	ng	# 4
54) Dibenzofuran	10.09	168	309	0.01	ng	# 42
56) 2,4-Dinitrotoluene	9.88	165	42140	6.56	ng	# 17
57) Fluorene	10.67	166	17670	0.86	ng	# 93
59) Diethylphthalate	10.30	149	9265	0.42	ng	# 99
62) Azobenzene	10.60	77	507	0.02	ng	# 26
64) 4,6-Dinitro-2-methylphenol	10.67	198	1217	0.30	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	16513	0.74	ng	# 52
66) 4-Bromophenyl-phenylether	10.67	248	30447	4.31	ng	# 1

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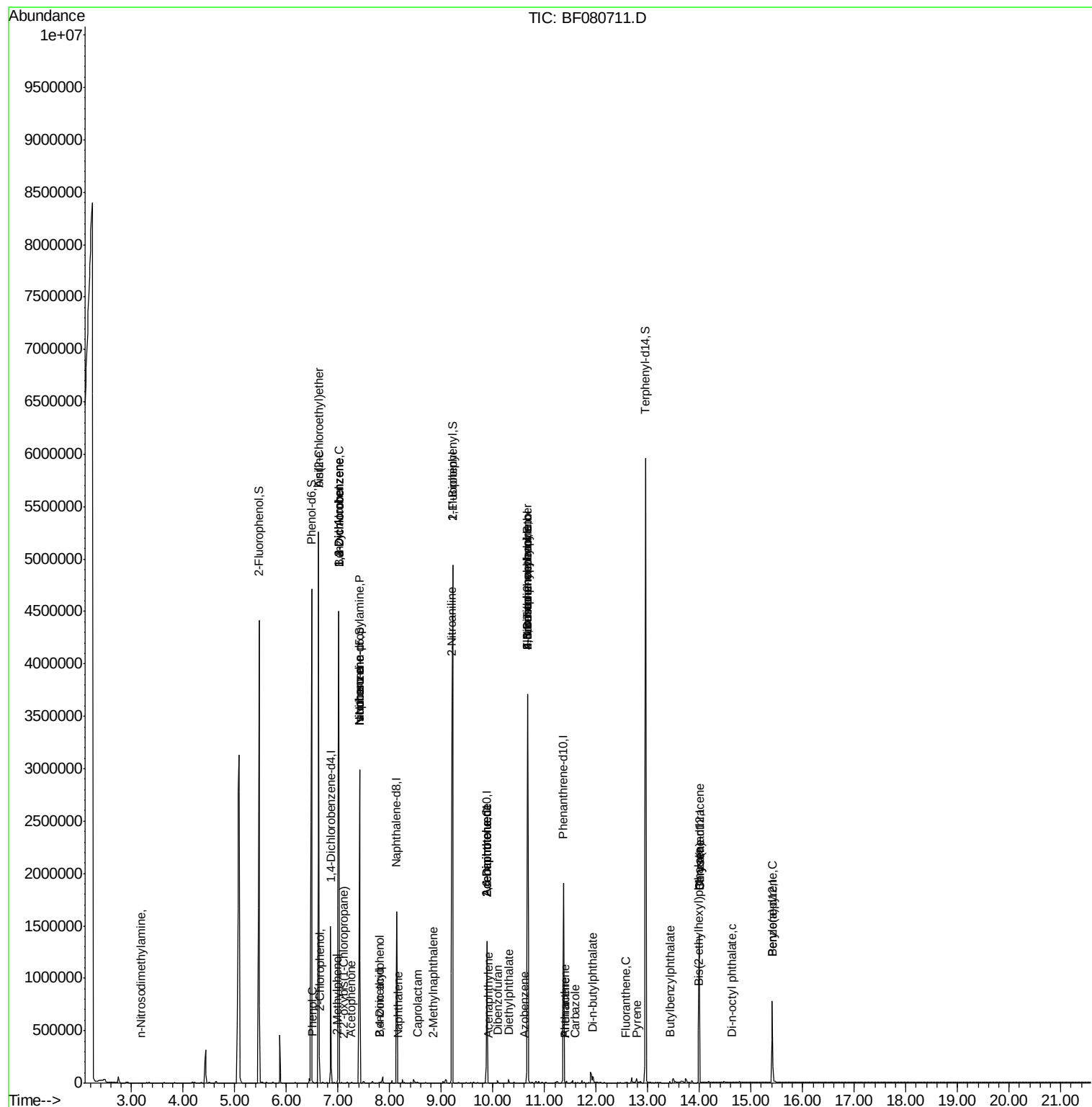
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	11.39	178	2626	0.08	ng	96
71) Anthracene	11.39	178	2626	0.08	ng	95
72) Carbazole	11.60	167	886	0.03	ng	# 58
73) Di-n-butylphthalate	11.94	149	37273	1.02	ng	# 95
74) Fluoranthene	12.57	202	574	0.02	ng	65
77) Pyrene	12.80	202	603	0.02	ng	# 57
79) Butylbenzylphthalate	13.43	149	2618	1.84	ng	# 85
80) Benzo(a)anthracene	14.00	228	1193	0.04	ng	# 66
82) Chrysene	14.00	228	1193	0.04	ng	# 61
83) Bis(2-ethylhexyl)phthalate	13.99	149	8090	0.42	ng	# 83
84) Di-n-octyl phthalate	14.64	149	334	0.01	ng	# 1
89) Benzo(a)pyrene	15.41	252	1113	0.06	ng	# 79

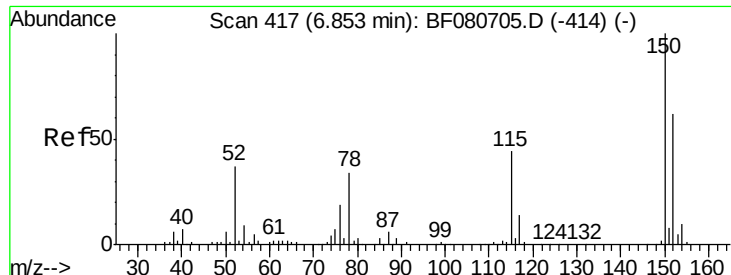
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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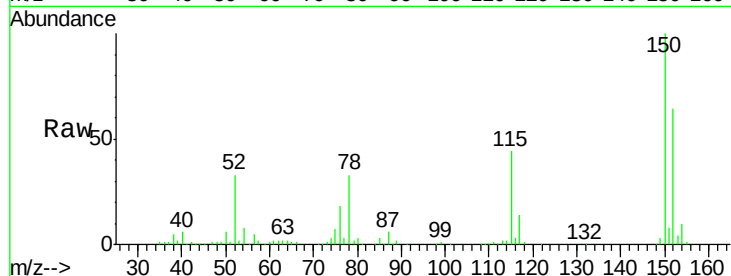


#1

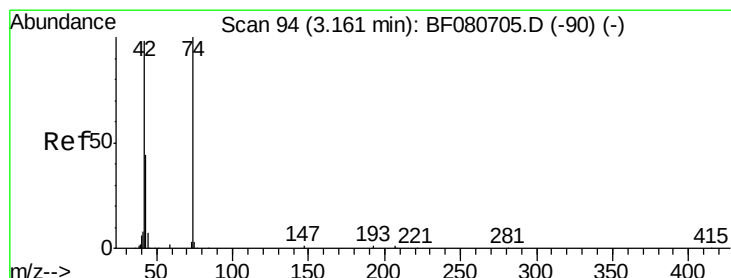
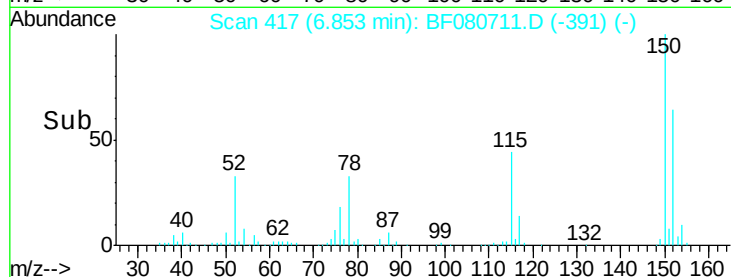
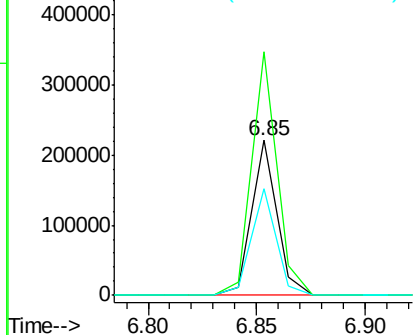
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:152 Resp: 177666
 Ion Ratio Lower Upper
 152 100
 150 157.0 129.6 194.4
 115 68.7 56.6 85.0



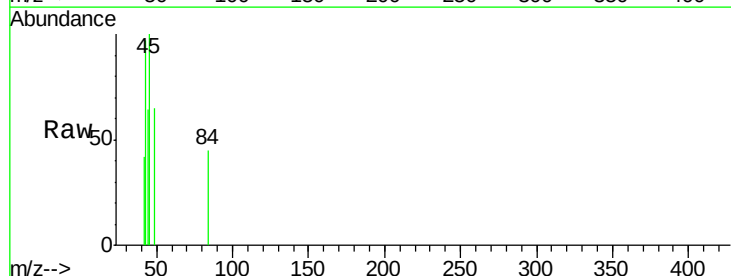
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



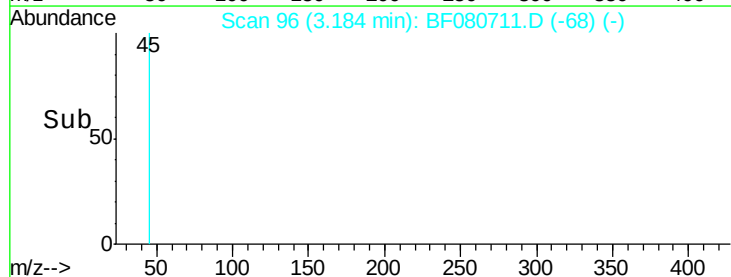
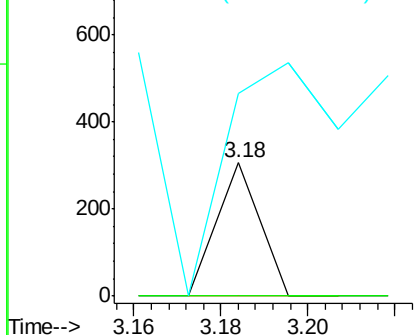
#4

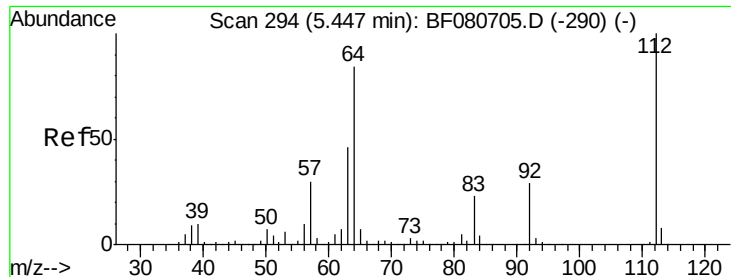
n-Nitrosodimethylamine
 Concen: 0.03 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.02 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion: 42 Resp: 210
 Ion Ratio Lower Upper
 42 100
 74 0.0 81.5 122.3#
 44 152.0 5.6 8.4#



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 110.17 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

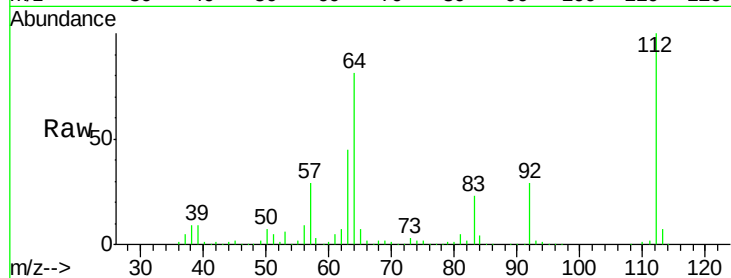
Tgt Ion: 112 Resp: 1140981

Ion Ratio Lower Upper

112 100

64 81.4 66.8 100.2

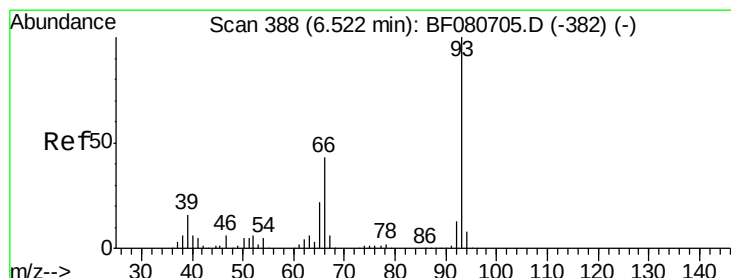
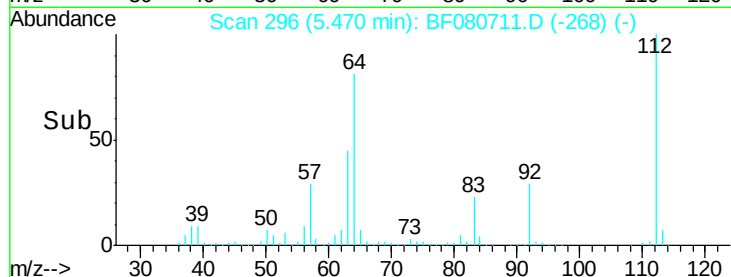
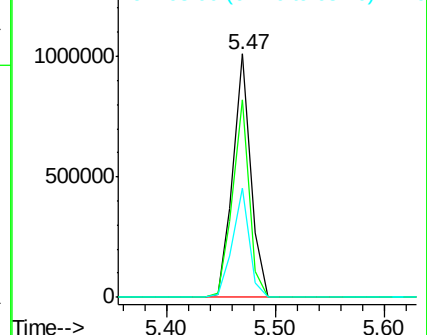
63 44.9 36.7 55.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.10 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.10 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

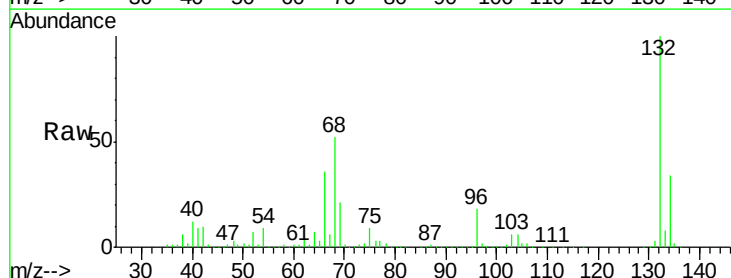
Tgt Ion: 93 Resp: 2007

Ion Ratio Lower Upper

93 100

66 21999.6 34.3 51.5#

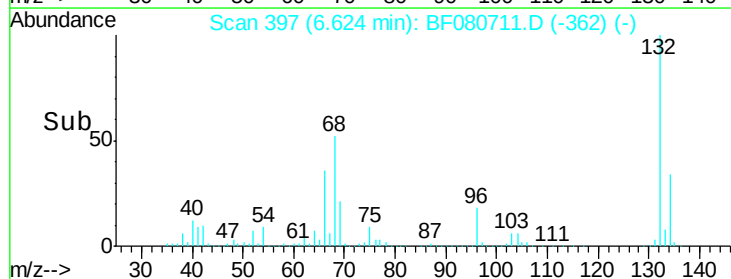
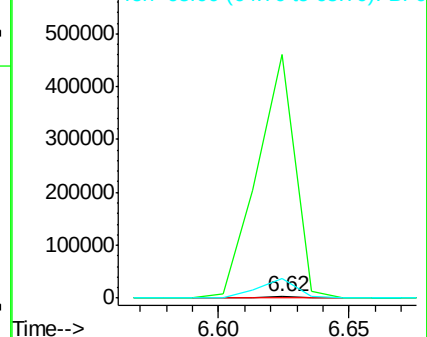
65 1811.3 17.6 26.4#

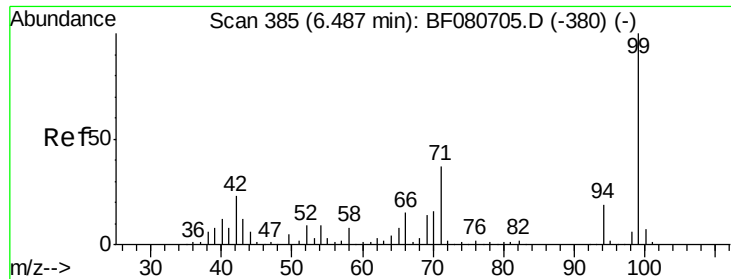


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.73 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

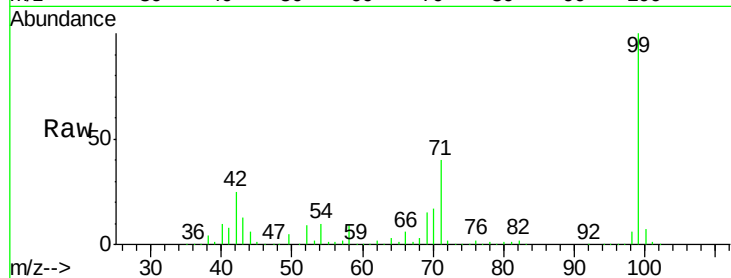
Tgt Ion: 99 Resp: 1631749

Ion Ratio Lower Upper

99 100

42 24.8 18.2 27.2

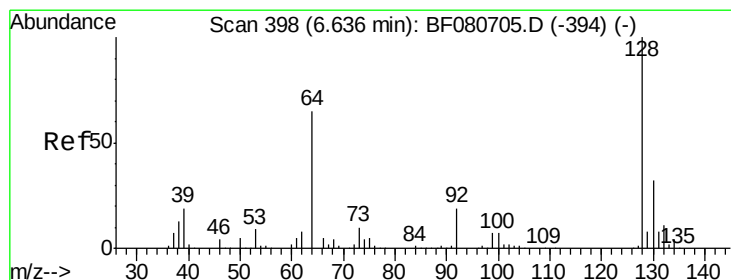
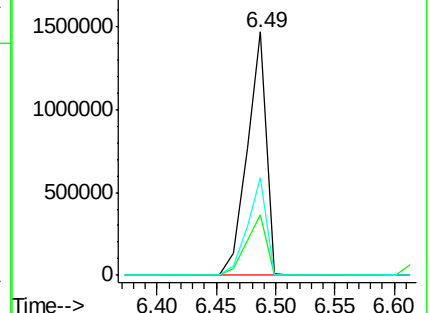
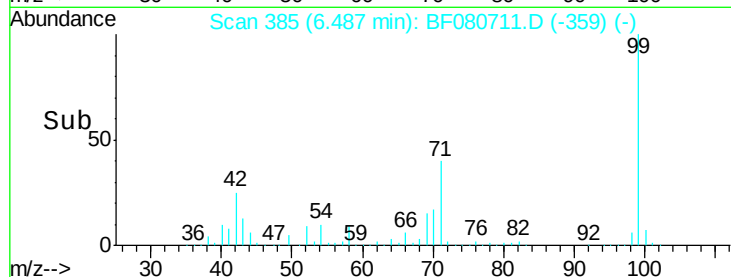
71 40.1 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

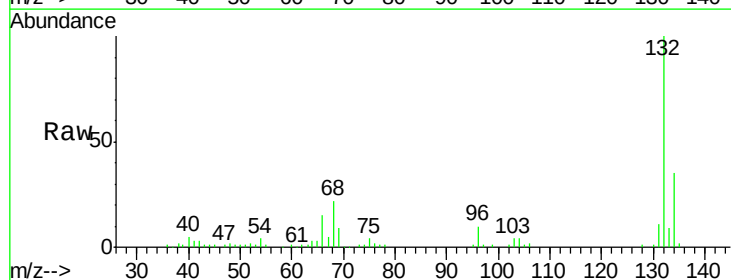
Tgt Ion: 128 Resp: 597

Ion Ratio Lower Upper

128 100

130 63.2 11.7 51.7#

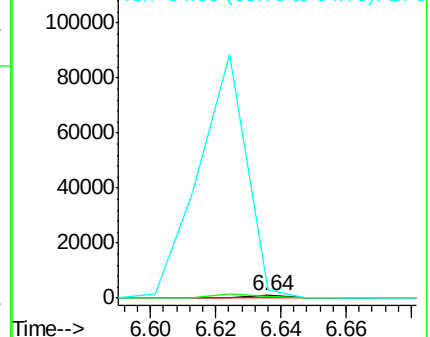
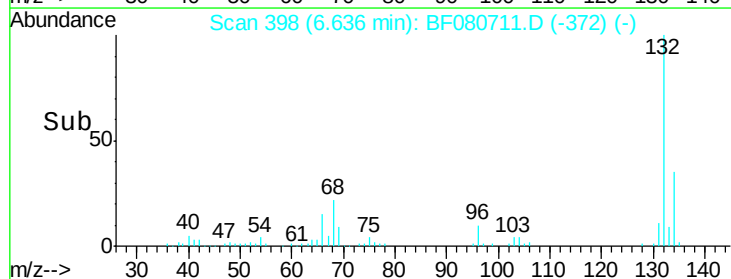
64 326.8 48.7 88.7#

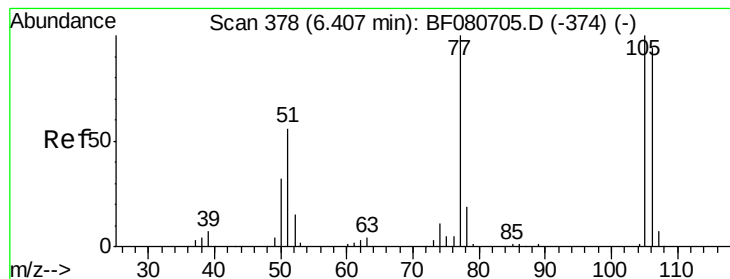


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.49 min Scan# 385

Delta R.T. 0.08 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

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ClientSampleId :

GRID-3-(6-12)RE

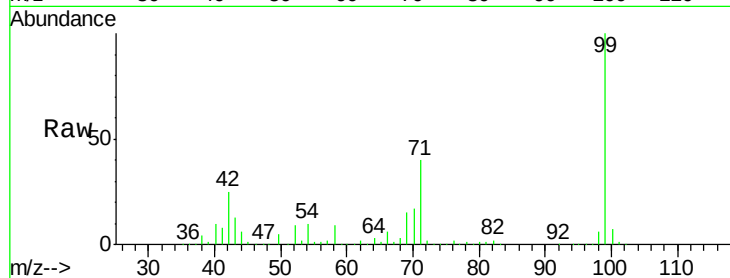
Tgt Ion: 77 Resp: 2258

Ion Ratio Lower Upper

77 100

105 0.0 80.2 120.2#

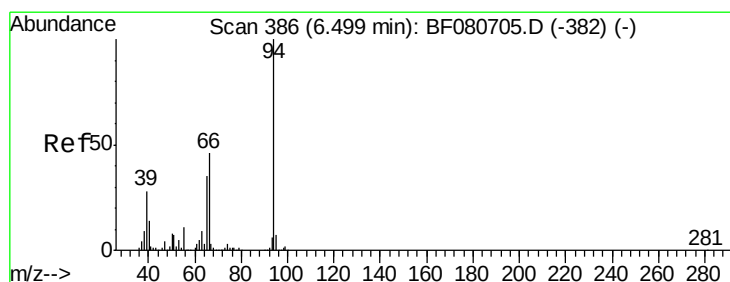
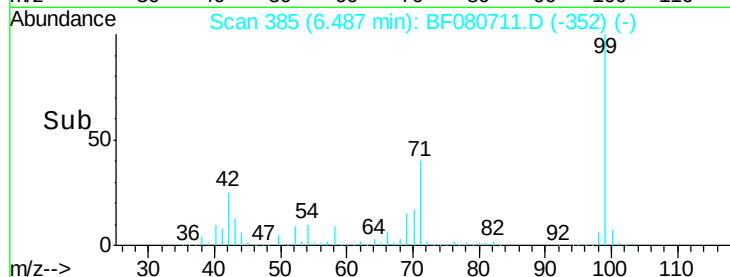
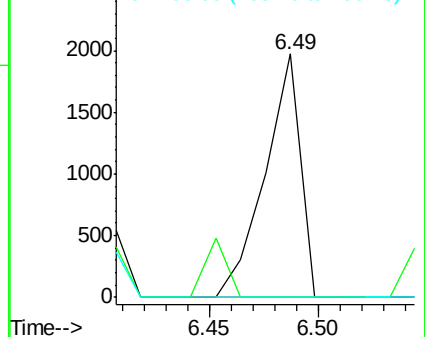
106 0.0 74.2 114.2#



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: 0.04 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

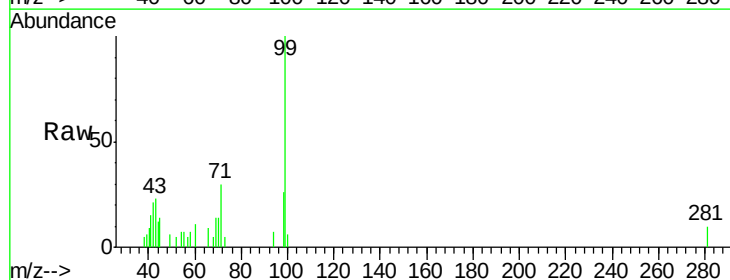
Tgt Ion: 94 Resp: 583

Ion Ratio Lower Upper

94 100

65 0.0 14.7 54.7#

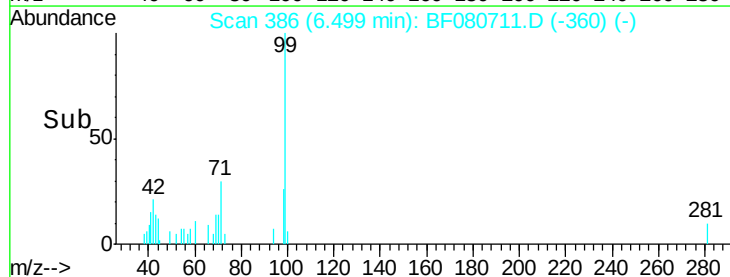
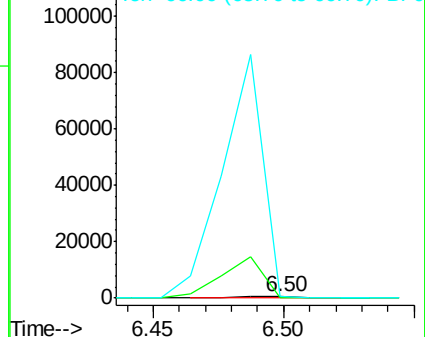
66 138.0 25.9 65.9#

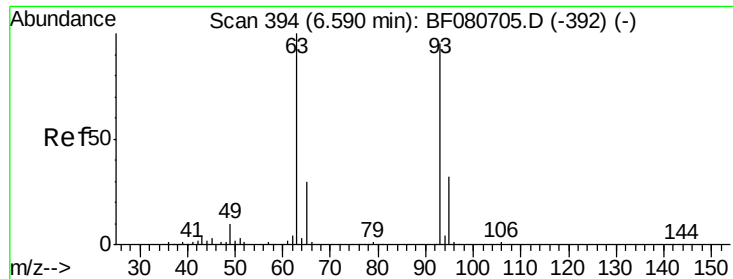


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF080711.D

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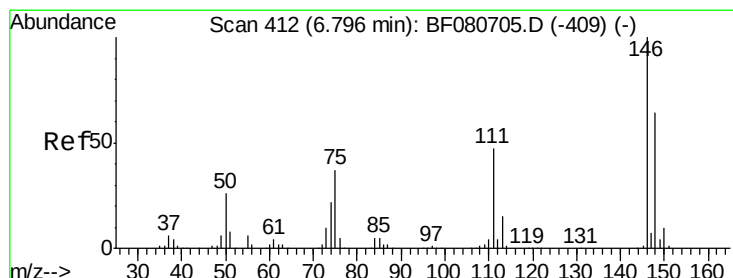
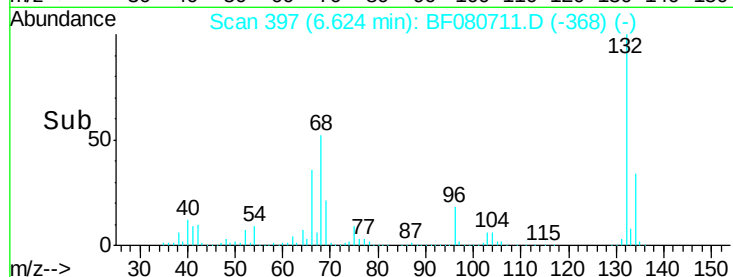
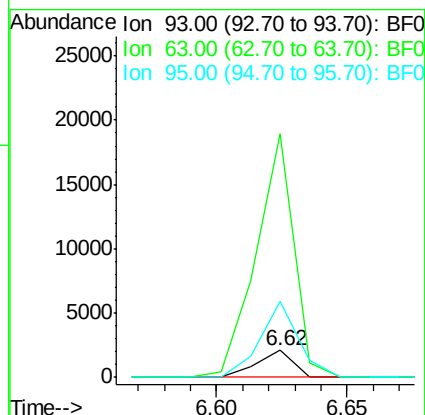
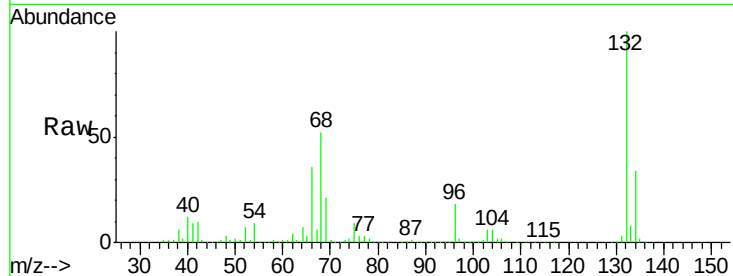
Tgt Ion: 93 Resp: 2007

Ion Ratio Lower Upper

93 100

63 904.3 85.3 125.3#

95 280.3 13.3 53.3#



#12

1,3-Dichlorobenzene

Concen: 0.03 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.22 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

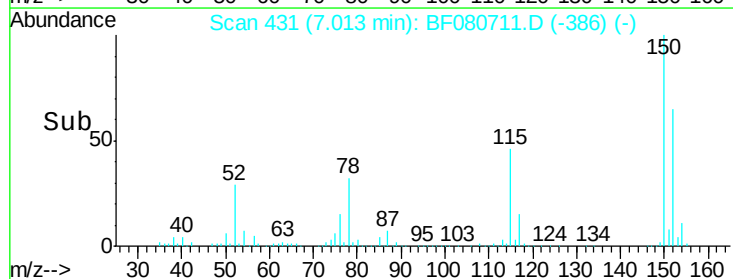
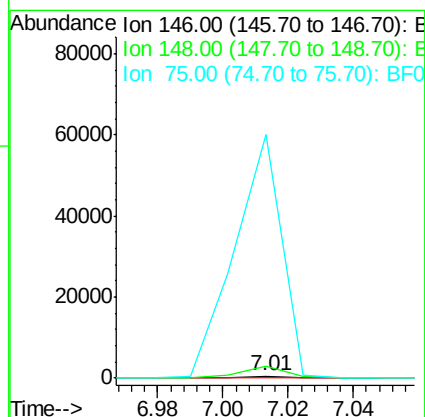
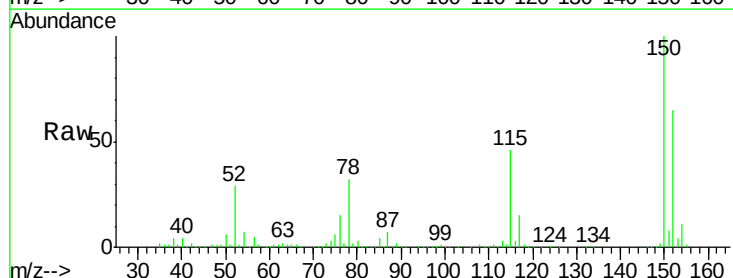
Tgt Ion: 146 Resp: 333

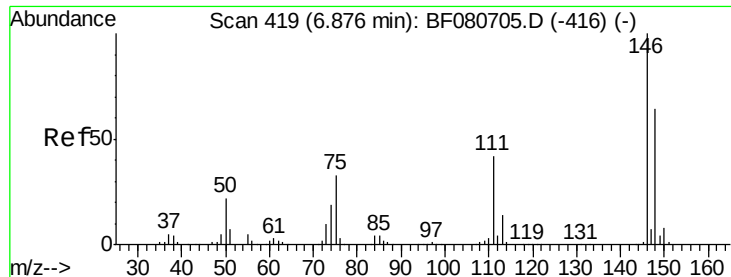
Ion Ratio Lower Upper

146 100

148 593.6 51.0 76.6#

75 12390.9 29.4 44.0#





#13

1,4-Dichlorobenzene

Concen: 0.03 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.14 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

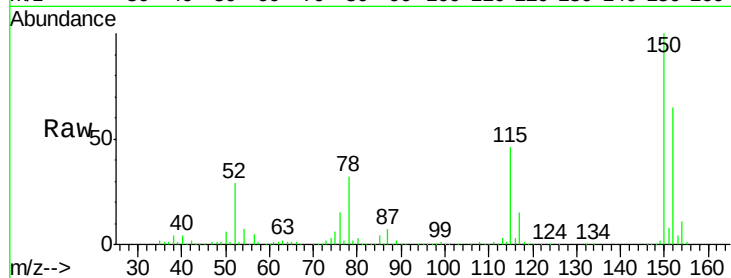
Tgt Ion:146 Resp: 333

Ion Ratio Lower Upper

146 100

148 593.6 51.4 77.2#

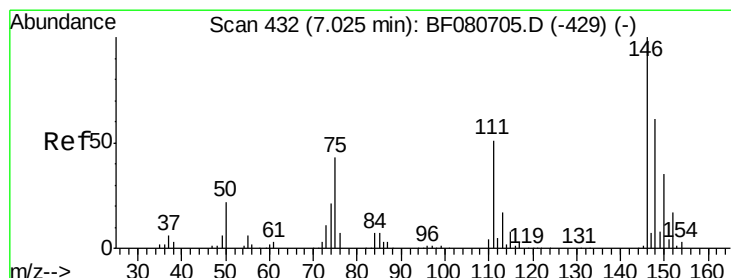
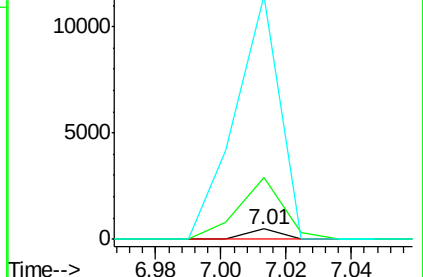
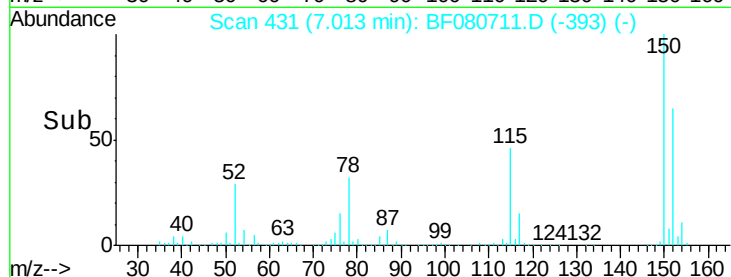
111 2361.0 33.8 50.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.03 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

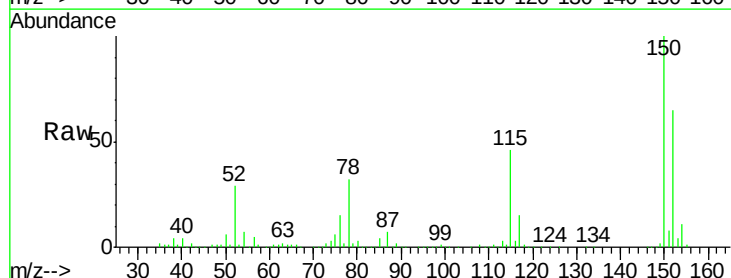
Tgt Ion:146 Resp: 333

Ion Ratio Lower Upper

146 100

148 593.6 49.2 73.8#

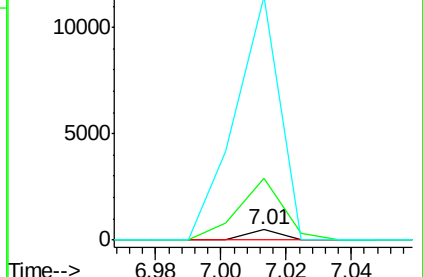
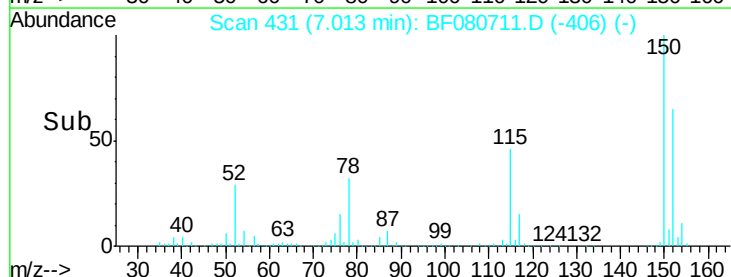
111 2361.0 41.0 61.4#

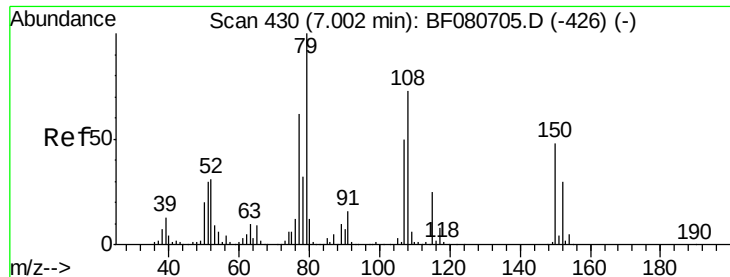


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

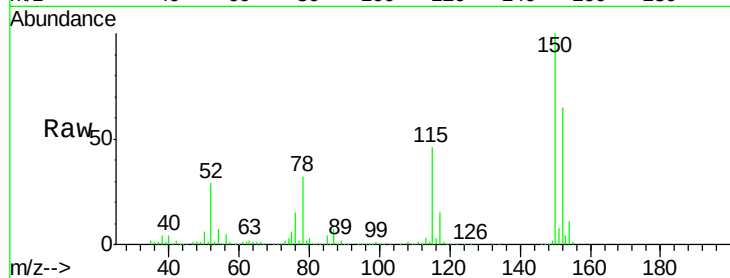
Tgt Ion: 79 Resp: 23821

Ion Ratio Lower Upper

79 100

108 24.8 58.7 88.1#

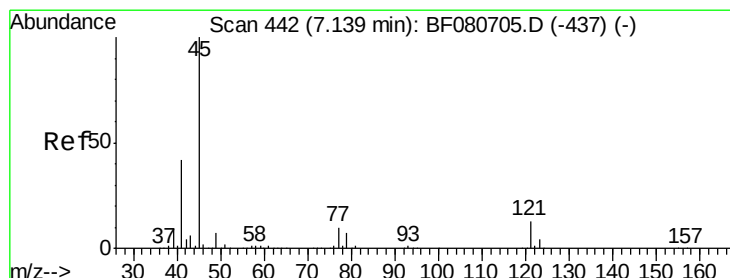
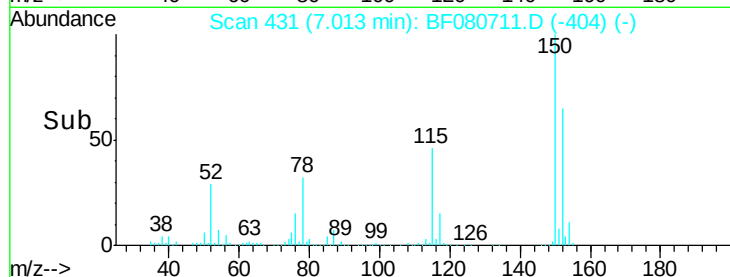
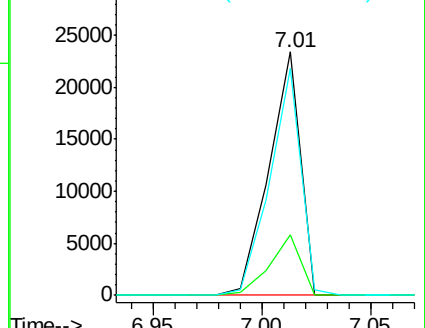
77 93.1 49.8 74.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

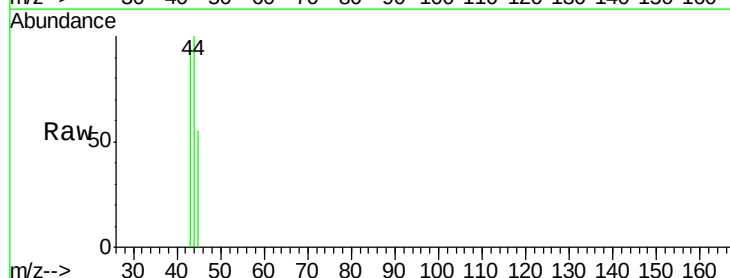
Tgt Ion: 45 Resp: 662

Ion Ratio Lower Upper

45 100

77 0.0 0.0 29.9

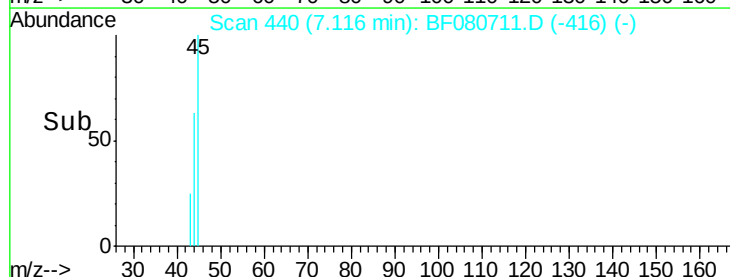
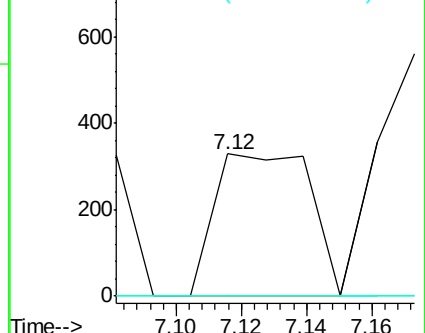
79 0.0 0.0 27.4

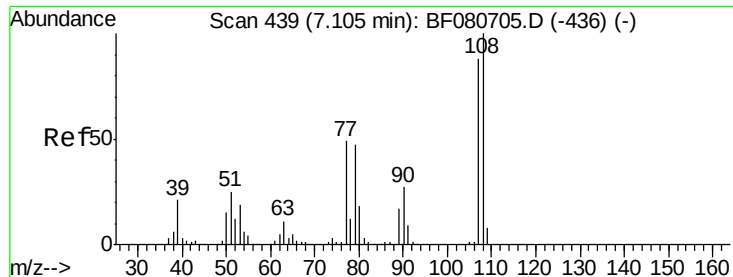


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

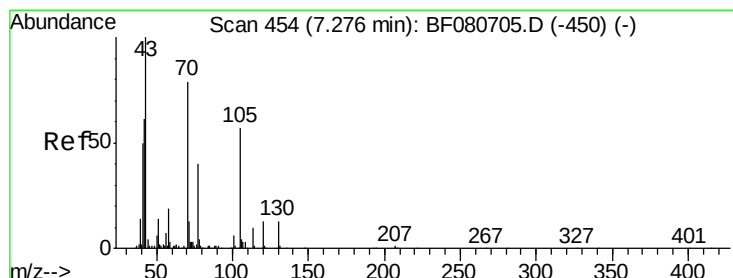
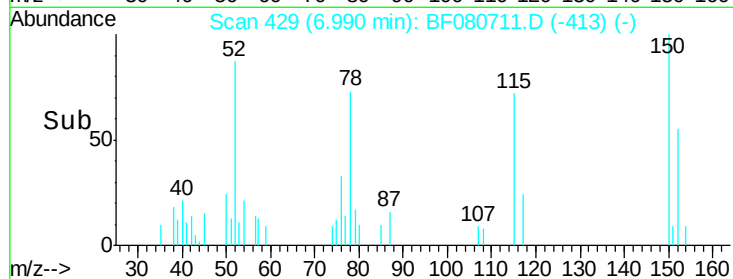
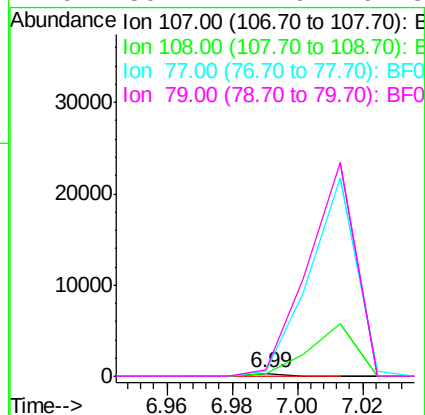
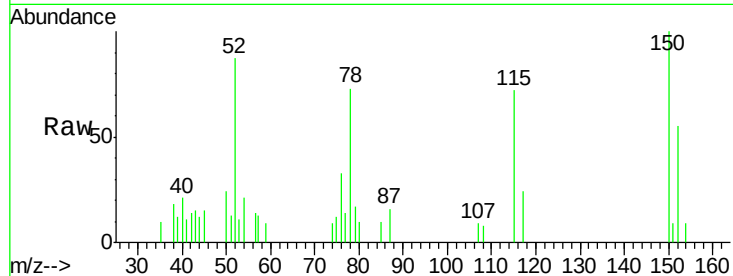




#17
2-Methylphenol
Concen: 0.03 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.11 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

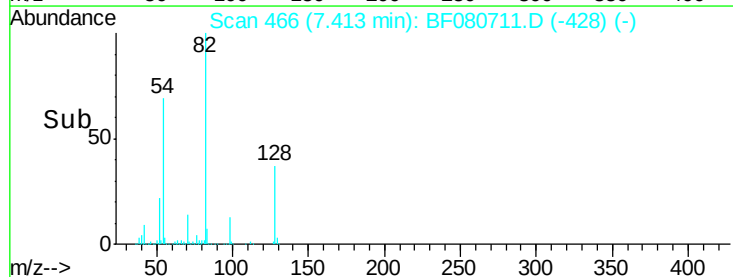
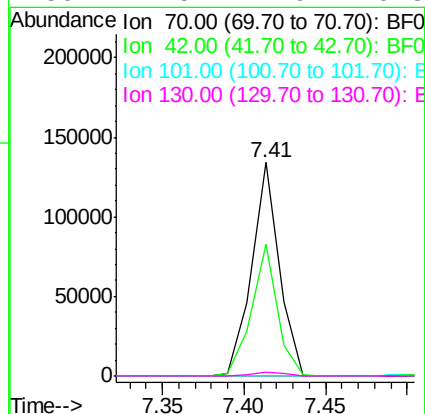
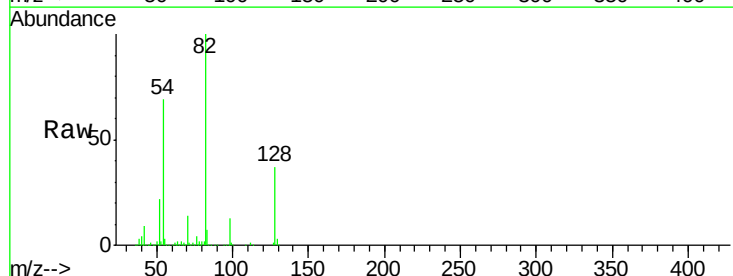
Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

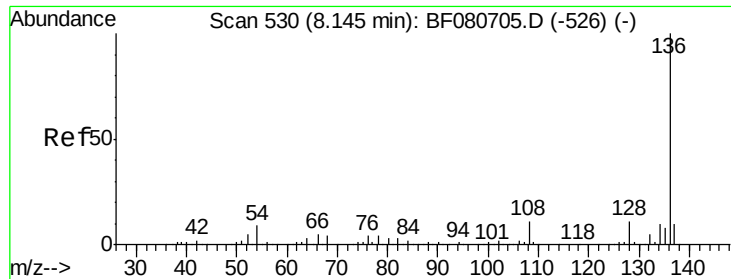
Tgt Ion: 107 Resp: 239
Ion Ratio Lower Upper
107 100
108 91.1 90.8 136.2
77 159.0 44.6 67.0#
79 189.4 42.9 64.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.50 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Tgt Ion: 70 Resp: 156665
Ion Ratio Lower Upper
70 100
42 61.6 61.8 92.6#
101 0.0 6.1 9.1#
130 1.5 12.9 19.3#

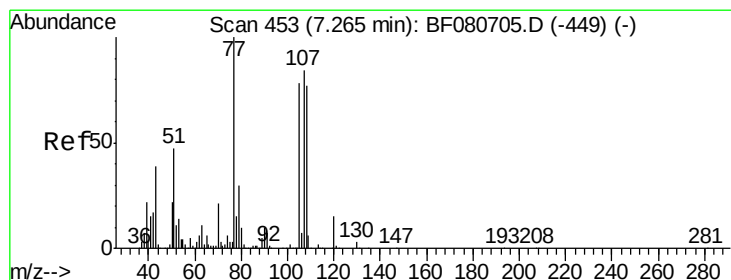
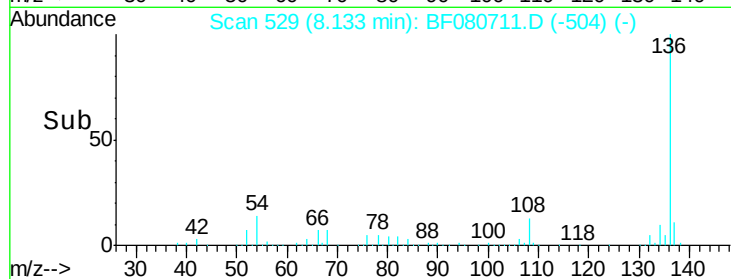
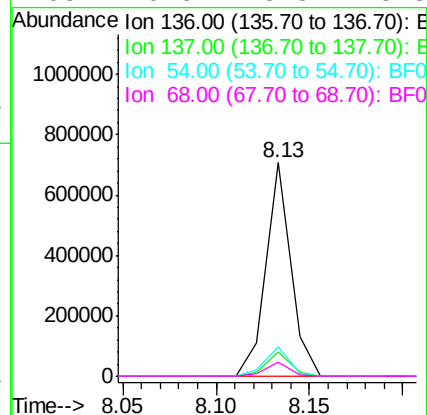
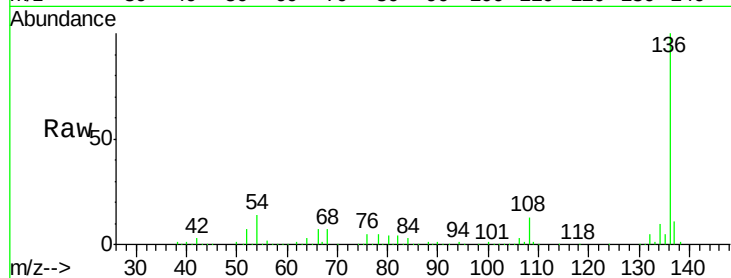




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

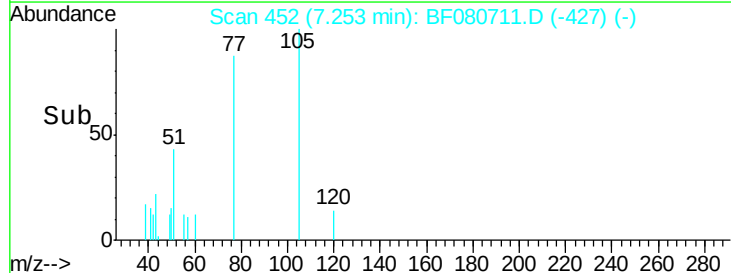
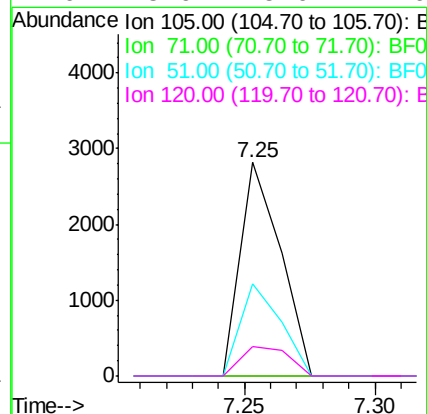
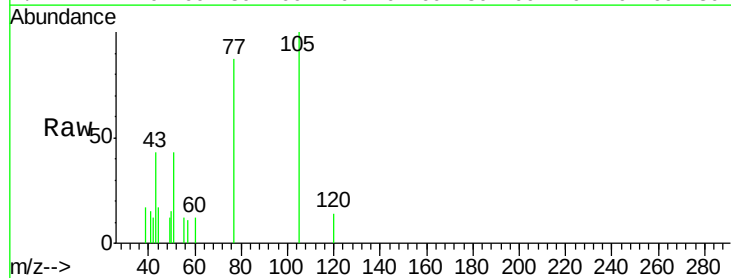
Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

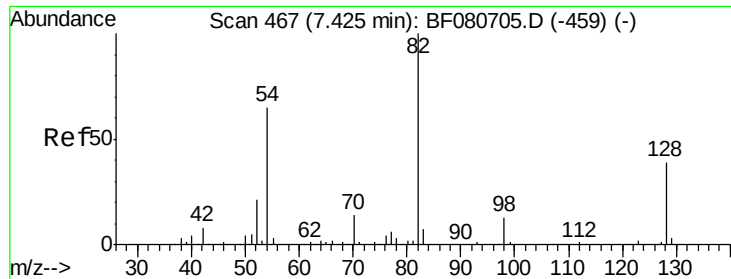
Tgt Ion:	136	Resp:	648768
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.4	12.6
54	13.8	6.9	10.3#
68	6.6	3.5	5.3#



#22
Acetophenone
Concen: 0.19 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Tgt Ion:	105	Resp:	3042
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.4	5.0#
51	43.4	47.9	71.9#
120	13.9	15.0	22.6#

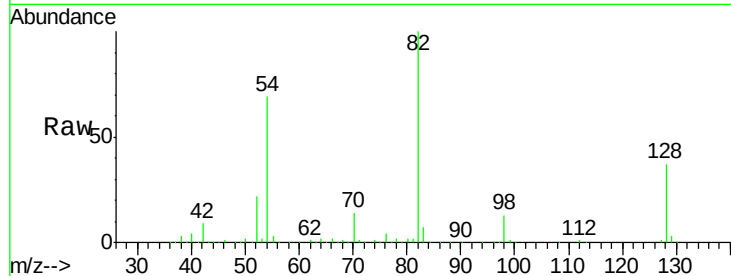




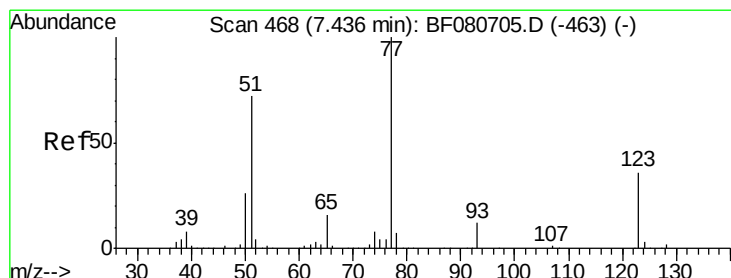
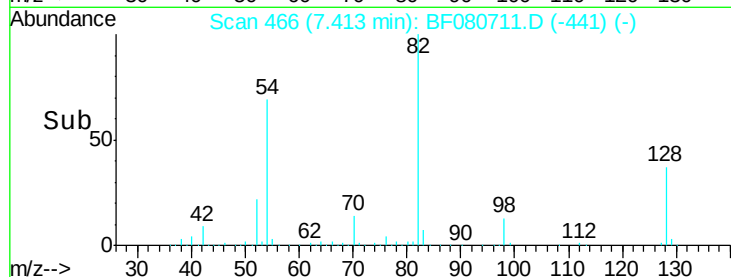
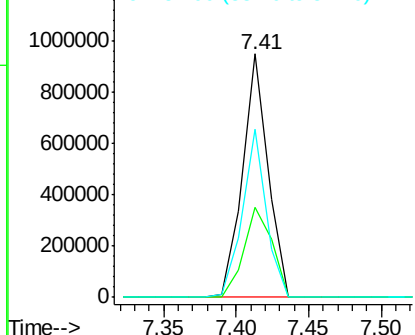
#23
 Nitrobenzene-d5
 Concen: 85.81 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion: 82 Resp: 1149582
 Ion Ratio Lower Upper
 82 100
 128 36.9 31.5 47.3
 54 69.3 51.8 77.8

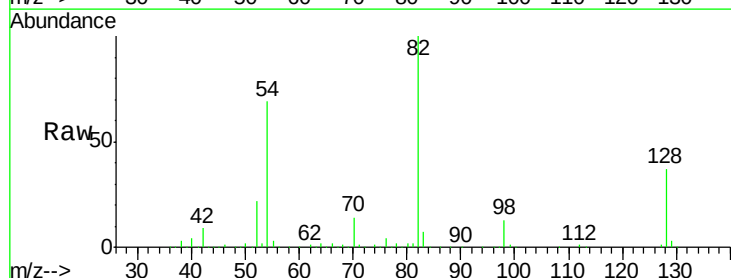


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

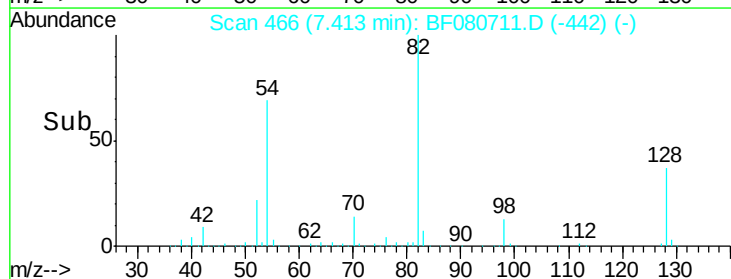
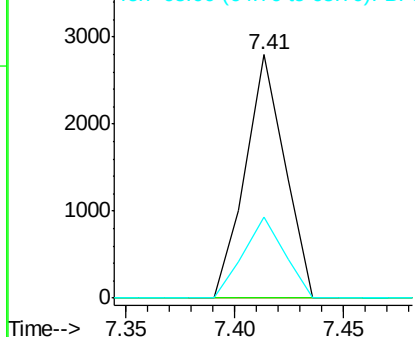


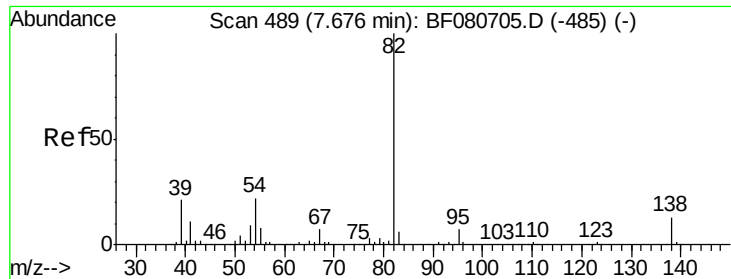
#24
 Nitrobenzene
 Concen: 0.26 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion: 77 Resp: 3541
 Ion Ratio Lower Upper
 77 100
 123 0.0 28.9 43.3#
 65 33.3 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: 47.96 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

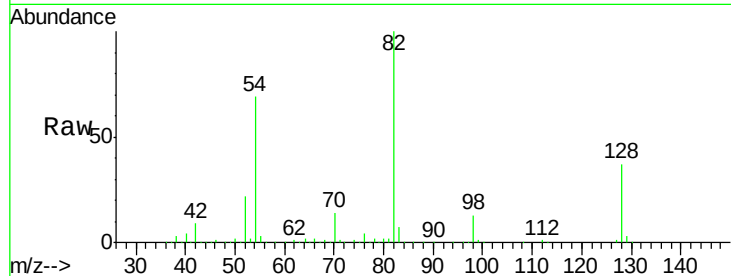
Tgt Ion: 82 Resp: 1142590

Ion Ratio Lower Upper

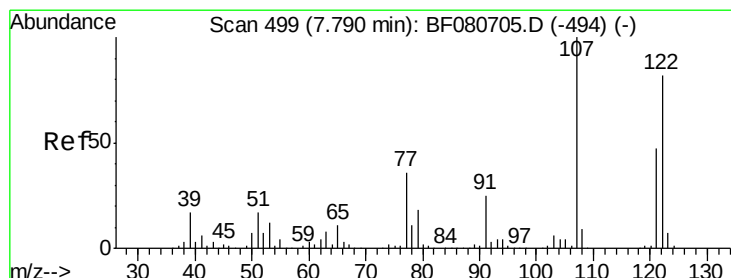
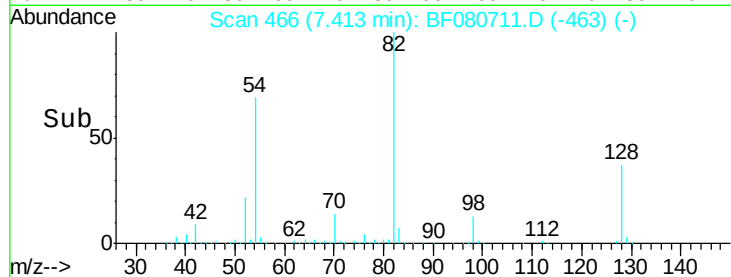
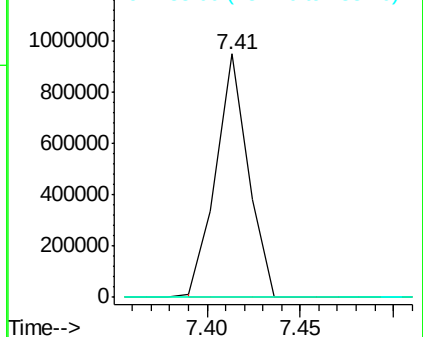
82 100

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): BF0



#27

2,4-Dimethylphenol

Concen: 0.35 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.02 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

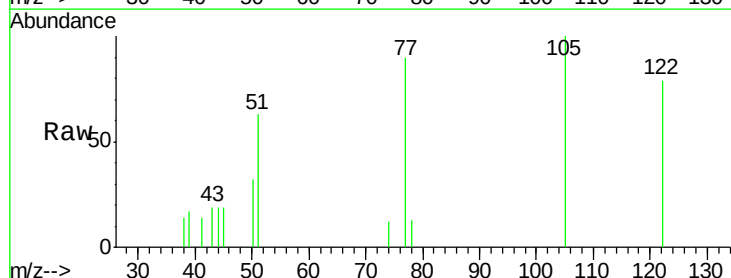
Tgt Ion: 122 Resp: 3538

Ion Ratio Lower Upper

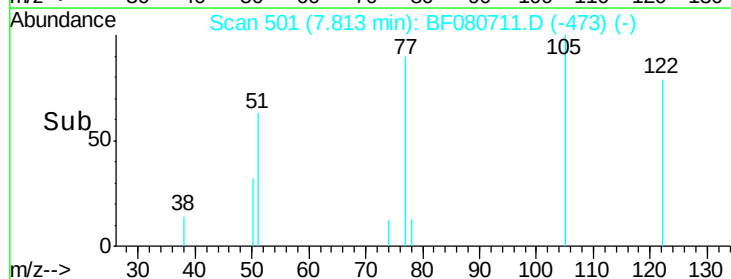
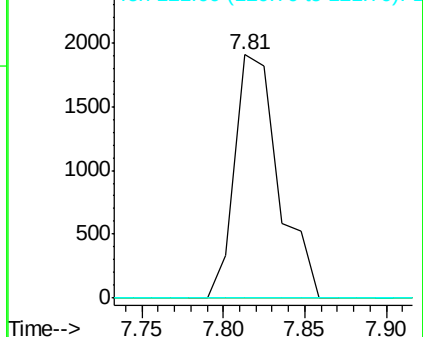
122 100

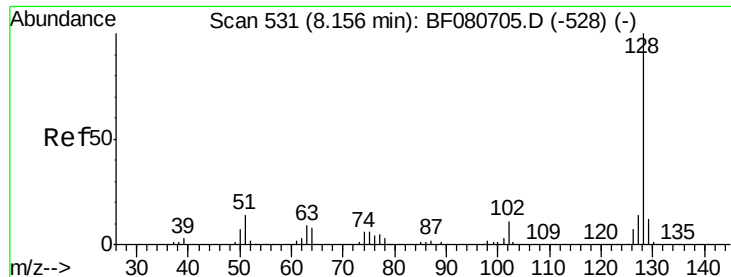
107 0.0 98.1 147.1#

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

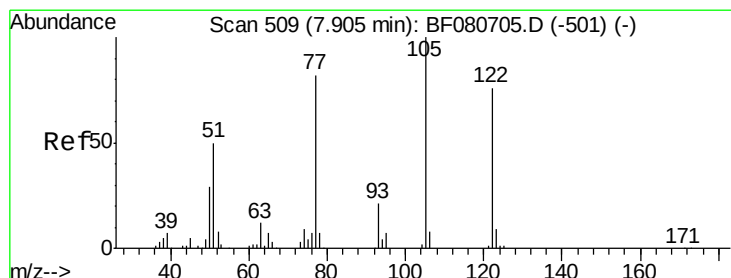
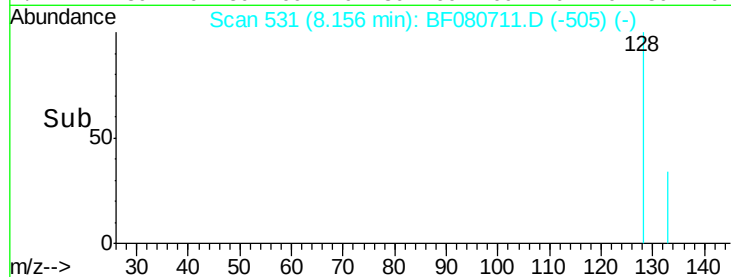
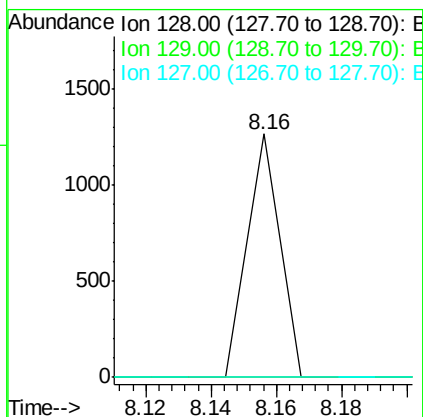
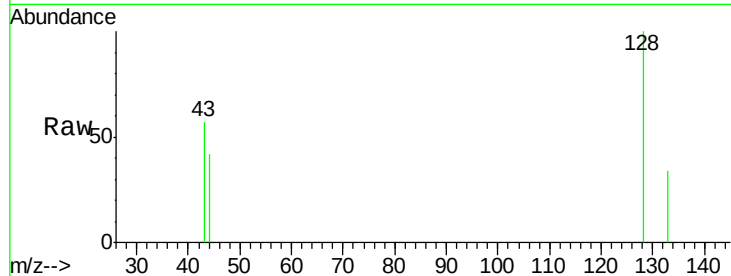




#31
Naphthalene
Concen: 0.03 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

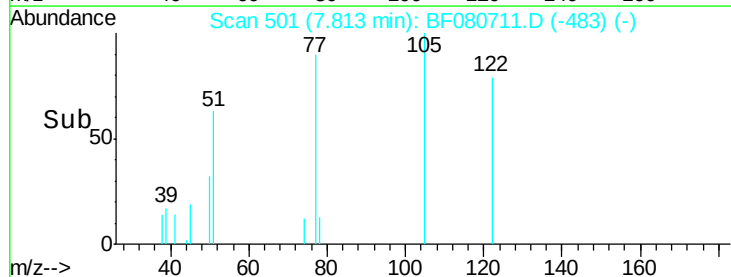
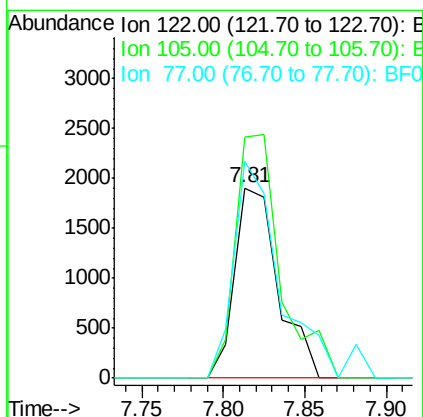
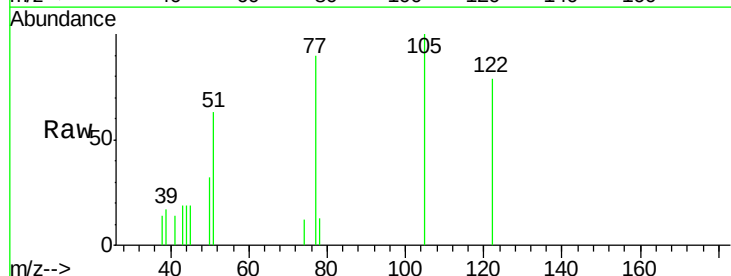
Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

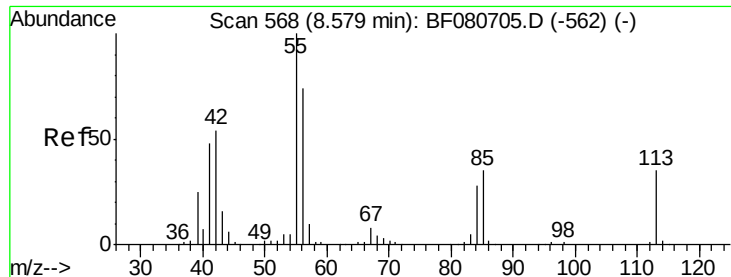
Tgt Ion:128 Resp: 870
Ion Ratio Lower Upper
128 100
129 0.0 9.5 14.3#
127 0.0 11.0 16.6#



#32
Benzoic acid
Concen: 0.81 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.09 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Tgt Ion:122 Resp: 3538
Ion Ratio Lower Upper
122 100
105 127.0 111.3 151.3
77 113.7 88.1 128.1

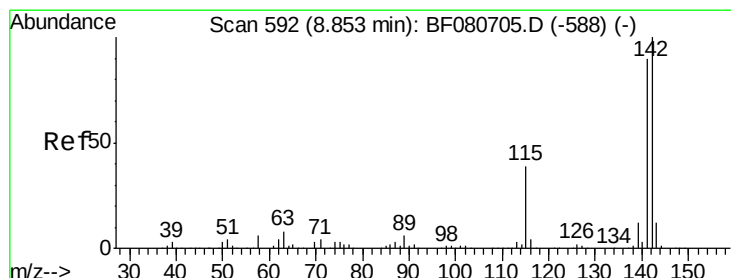
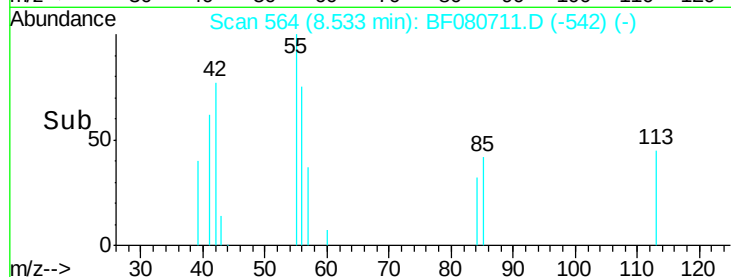
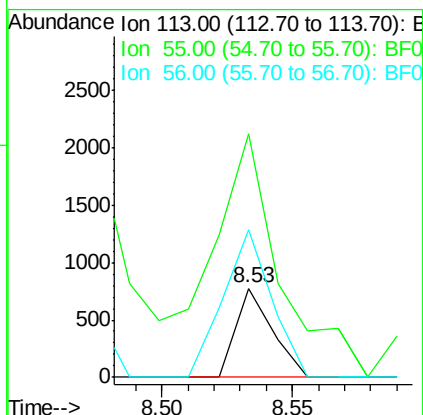
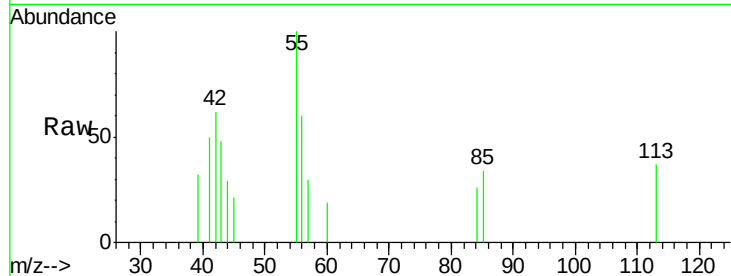




#35
 Caprolactam
 Concen: 0.28 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.05 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

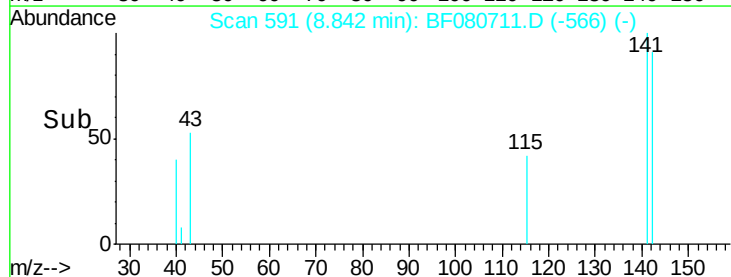
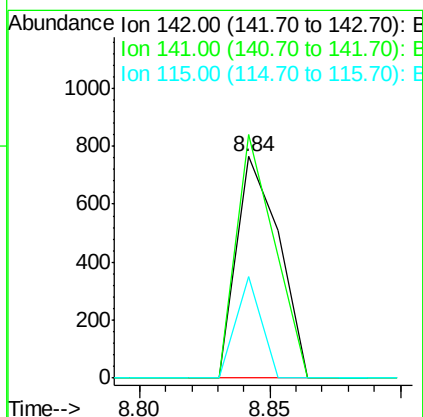
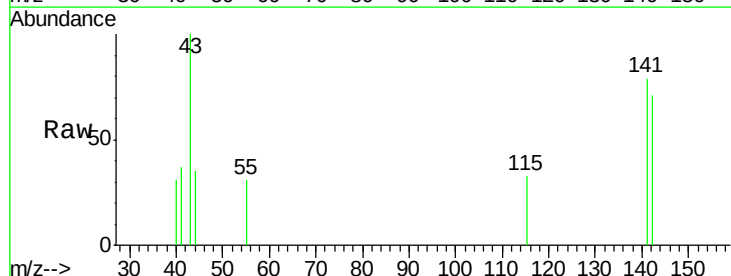
Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

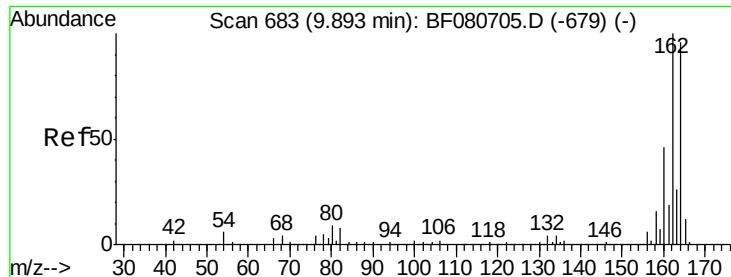
Tgt Ion:113 Resp: 755
 Ion Ratio Lower Upper
 113 100
 55 273.2 269.3 309.3
 56 165.0 193.3 233.3#



#37
 2-Methylnaphthalene
 Concen: 0.04 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:142 Resp: 873
 Ion Ratio Lower Upper
 142 100
 141 109.9 71.9 107.9#
 115 45.7 31.4 47.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

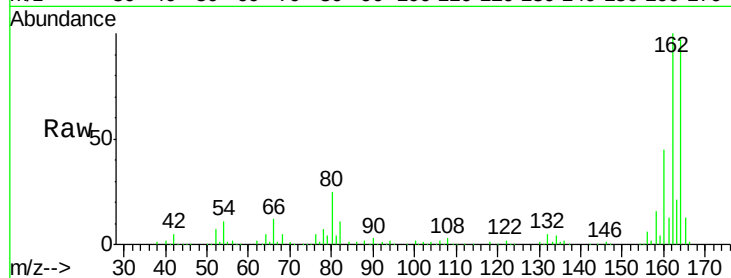
Tgt Ion:164 Resp: 327601

Ion Ratio Lower Upper

164 100

162 102.7 83.4 125.0

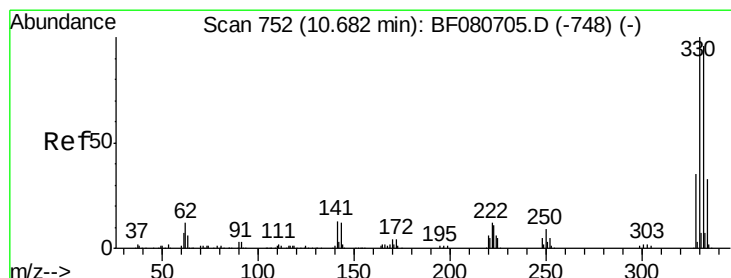
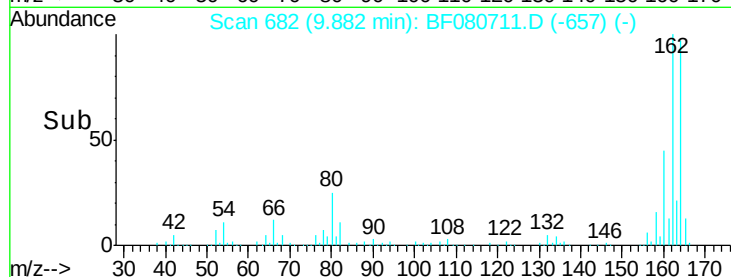
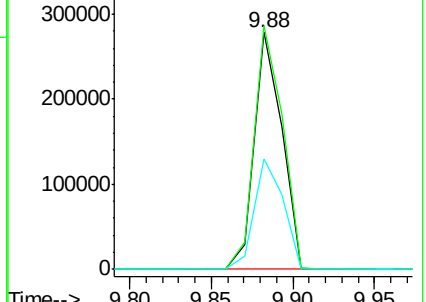
160 46.6 38.0 57.0



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: 158.70 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

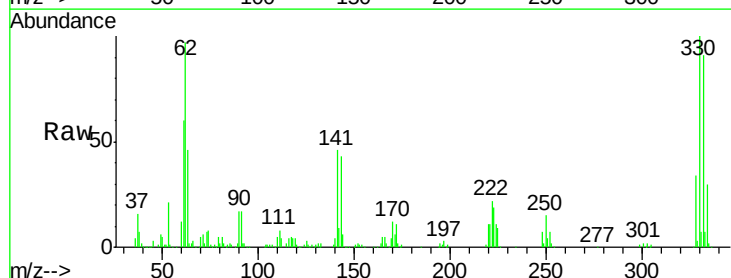
Tgt Ion:330 Resp: 539464

Ion Ratio Lower Upper

330 100

332 93.1 76.6 114.8

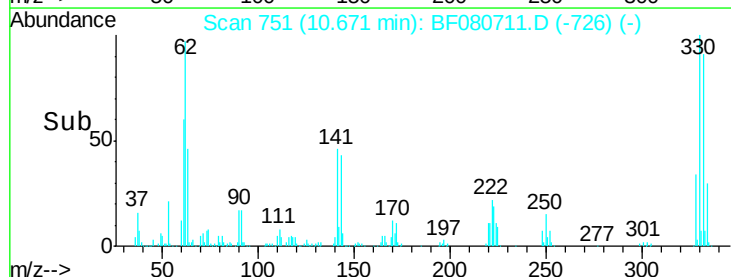
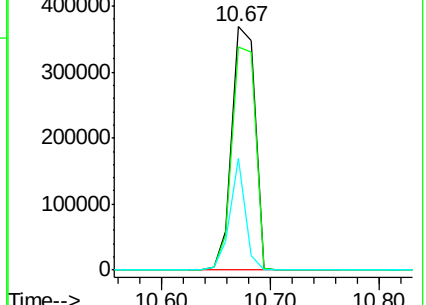
141 30.6 26.0 39.0

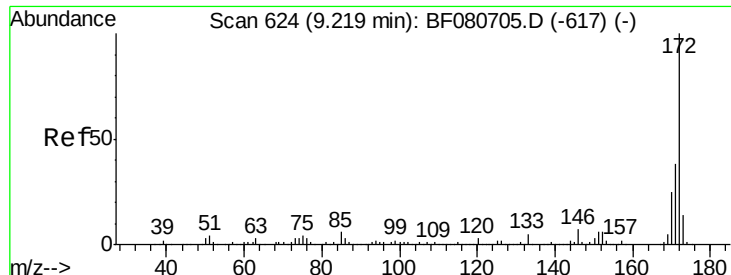


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

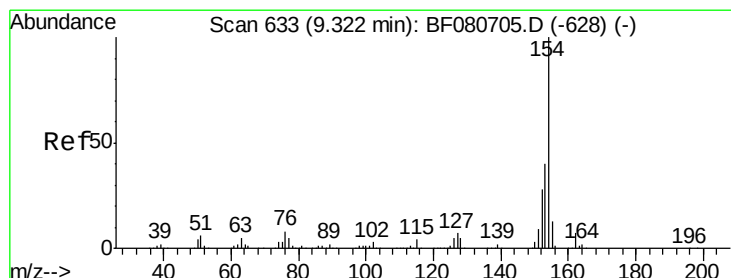
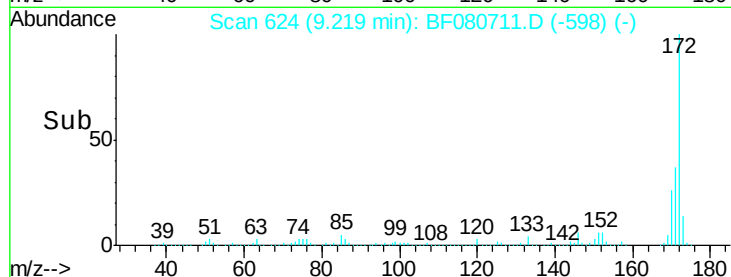
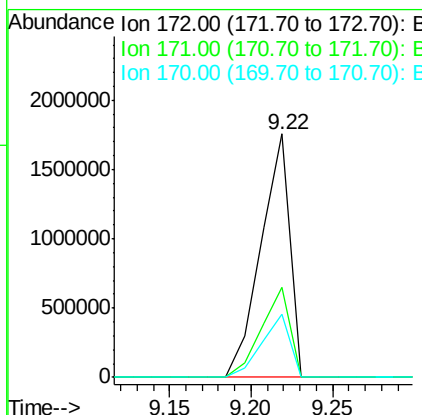
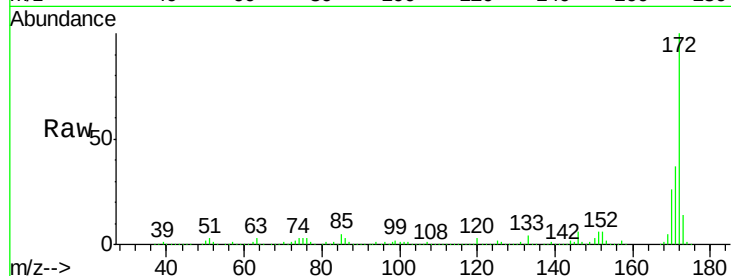




#44
2-Fluorobiphenyl
Concen: 98.42 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

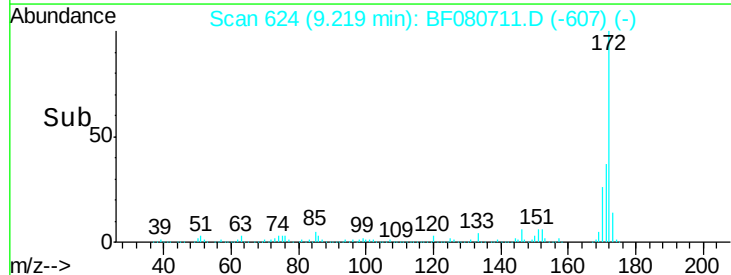
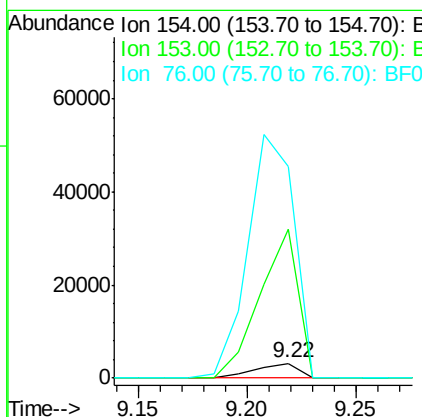
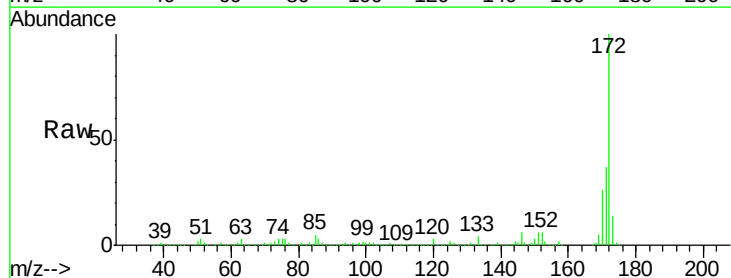
Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

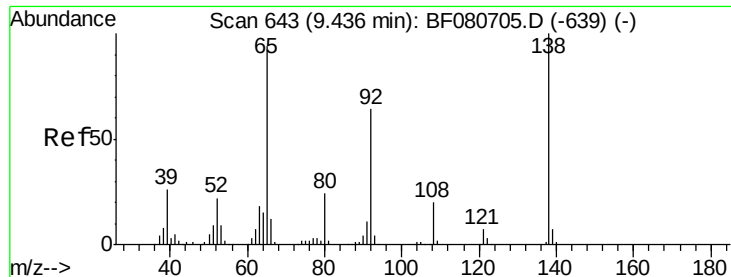
Tgt Ion:172 Resp: 2161173
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.4
170 25.7 20.2 30.2



#45
1,1'-Biphenyl
Concen: 0.17 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.10 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Tgt Ion:154 Resp: 4358
Ion Ratio Lower Upper
154 100
153 1022.4 19.9 59.9#
76 1453.2 0.0 28.3#





#47

2-Nitroaniline

Concen: 0.53 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.23 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

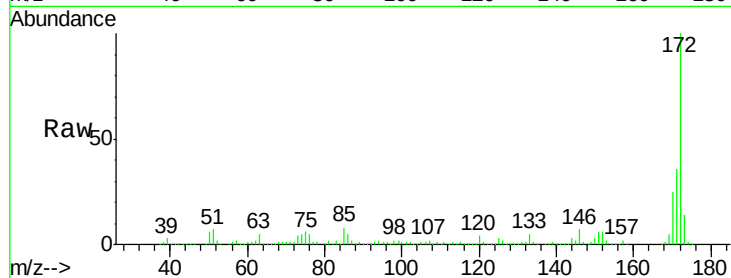
Tgt Ion: 65 Resp: 4263

Ion Ratio Lower Upper

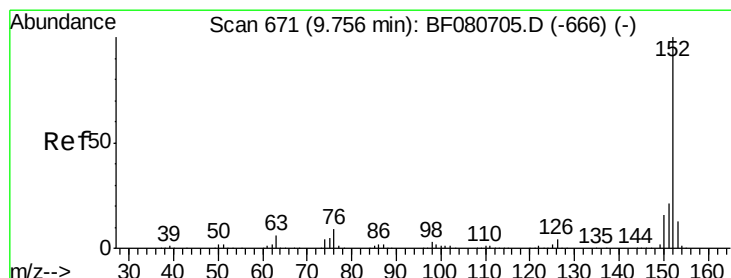
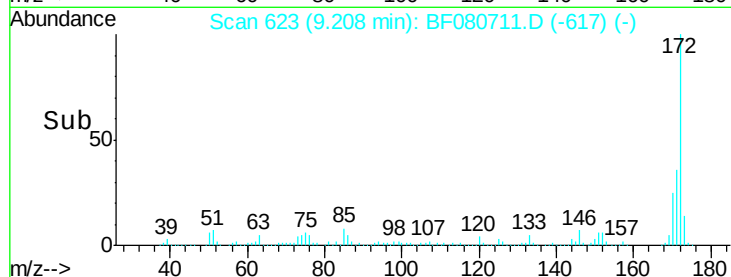
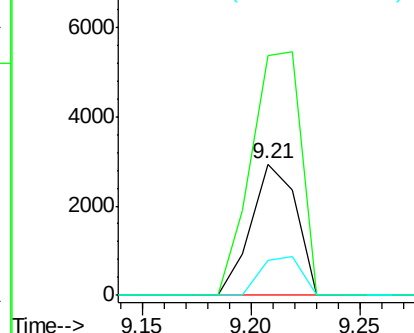
65 100

92 182.5 54.9 82.3#

138 26.8 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



#48

Acenaphthylene

Concen: 0.01 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.16 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

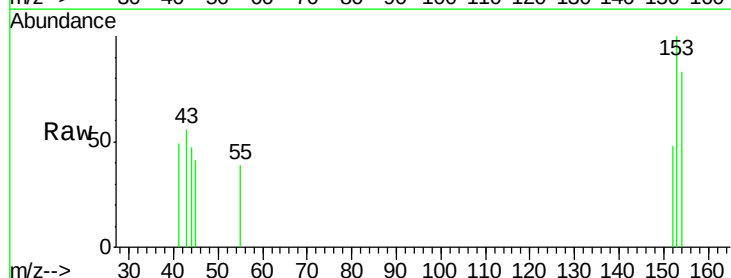
Tgt Ion: 152 Resp: 351

Ion Ratio Lower Upper

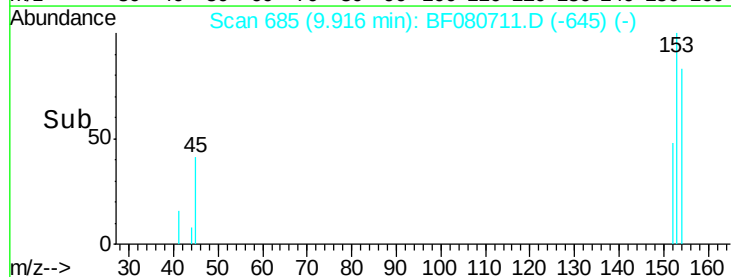
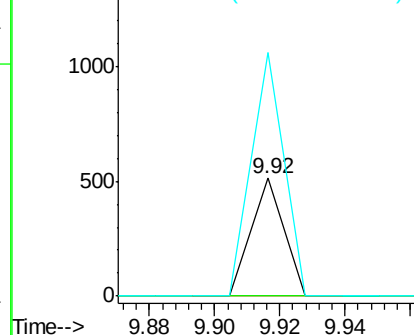
152 100

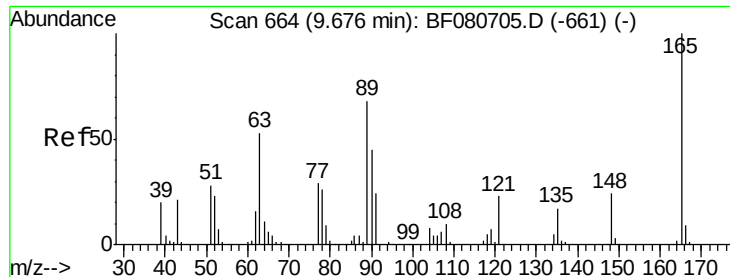
151 0.0 17.0 25.6#

153 207.2 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

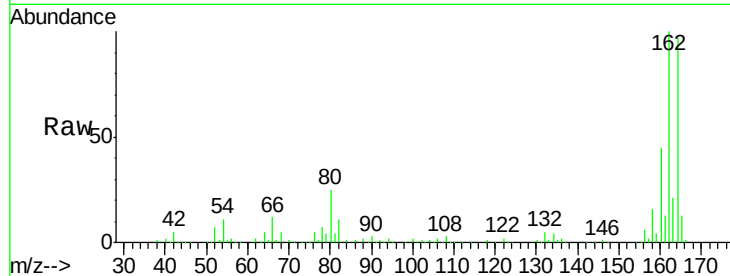




#50
2,6-Dinitrotoluene
Concen: 8.60 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

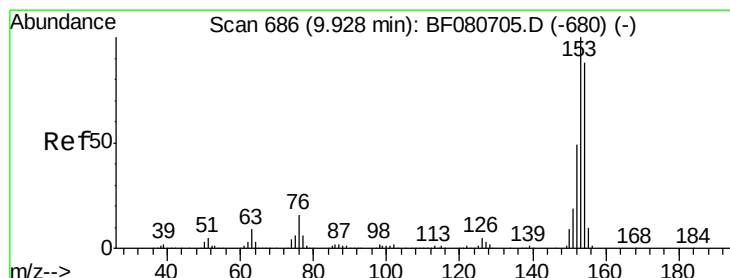
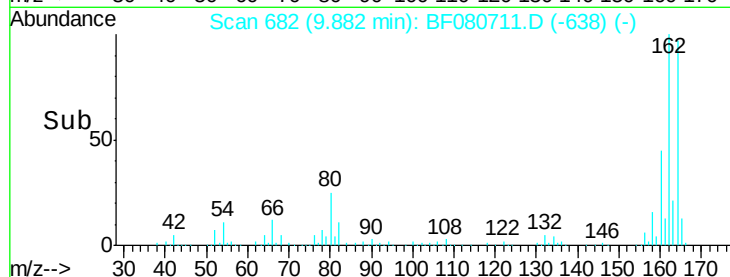
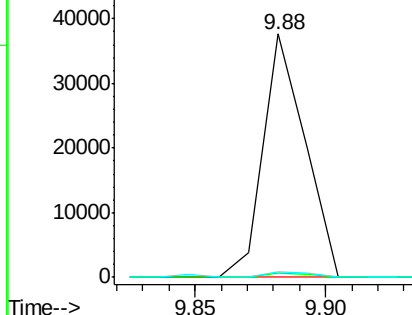
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	62.3	93.5#
89	2.3	54.8	82.2#



Abundance Ion 165.00 (164.70 to 165.70): E

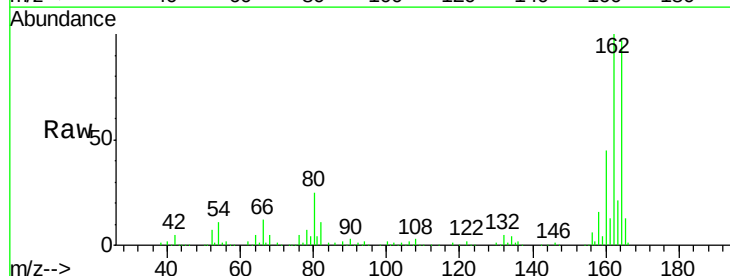
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 0.05 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

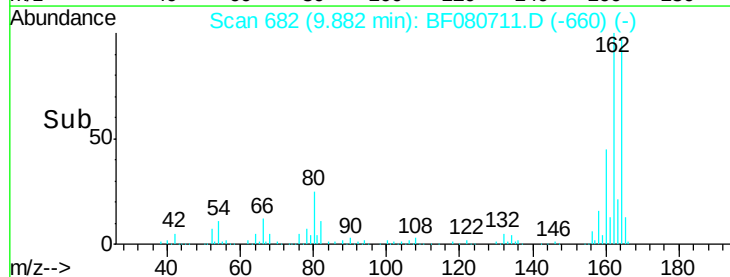
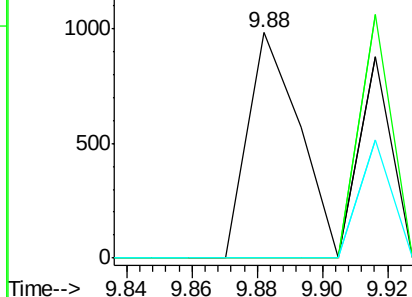
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.7	136.1#
152	0.0	44.2	66.4#

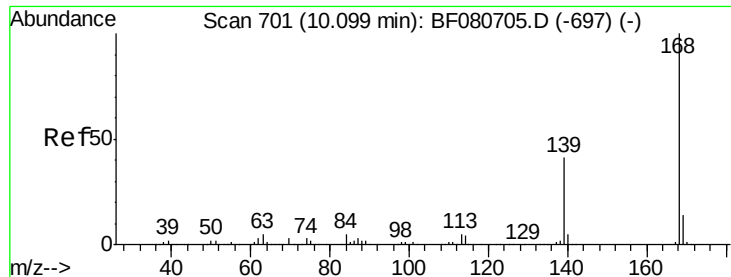


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.01 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

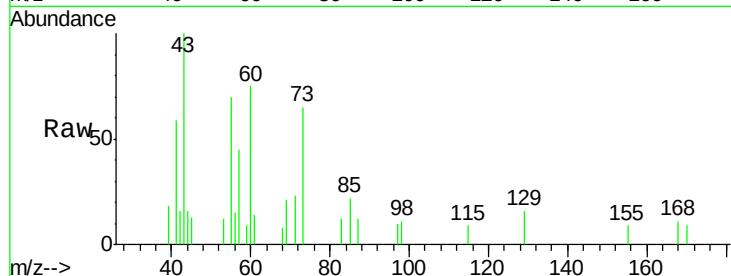
Tgt Ion:168 Resp: 309

Ion Ratio Lower Upper

168 100

139 0.0 33.0 49.6#

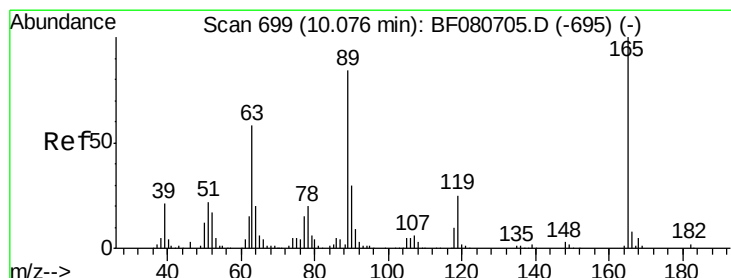
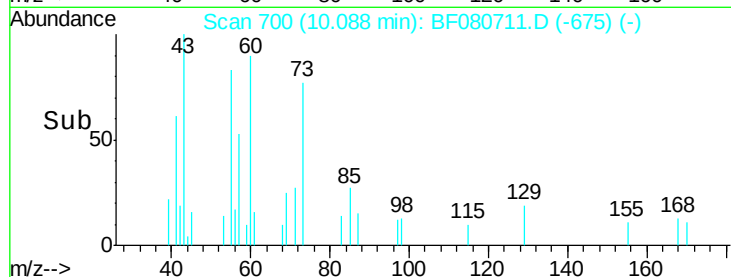
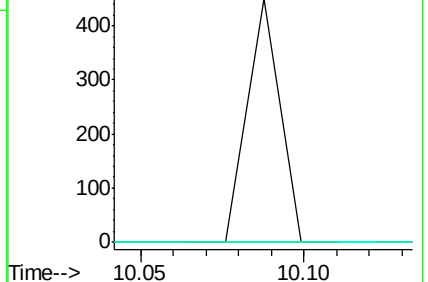
169 0.0 11.4 17.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.56 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.19 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Tgt Ion:165 Resp: 42140

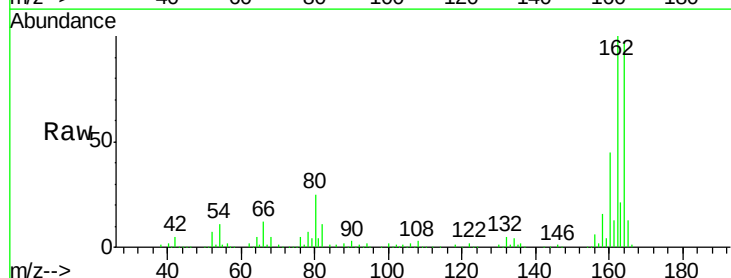
Ion Ratio Lower Upper

165 100

63 1.8 46.7 70.1#

89 2.3 67.4 101.2#

182 0.0 1.8 2.6#

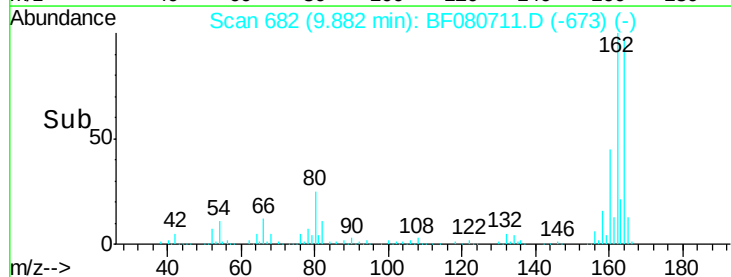
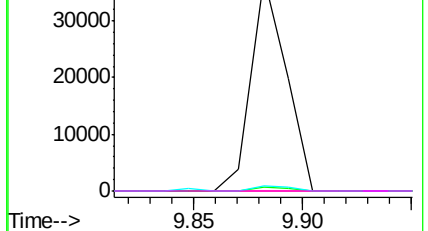


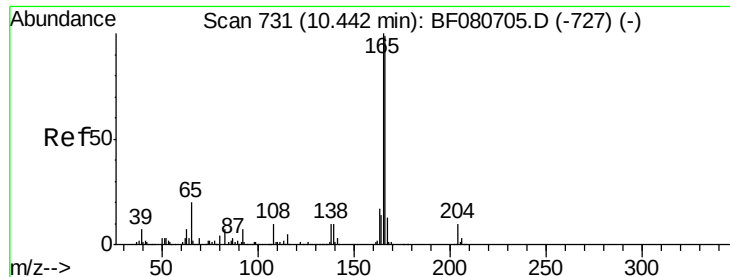
Abundance Ion 165.00 (164.70 to 165.70): E

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

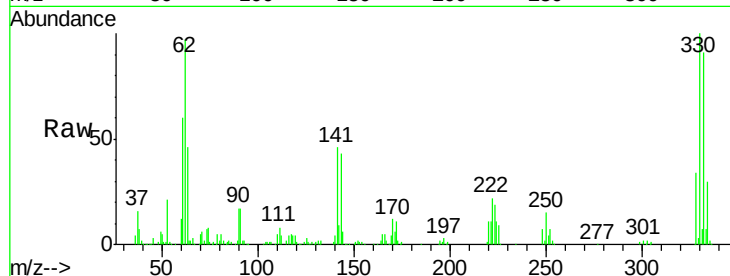




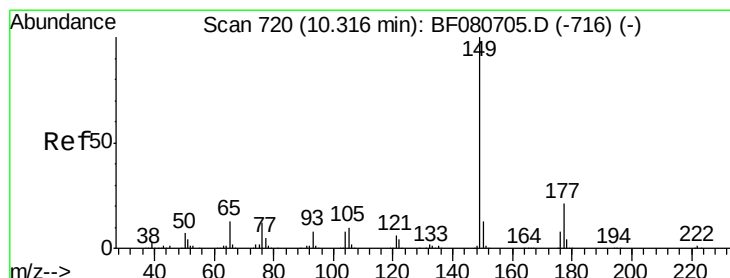
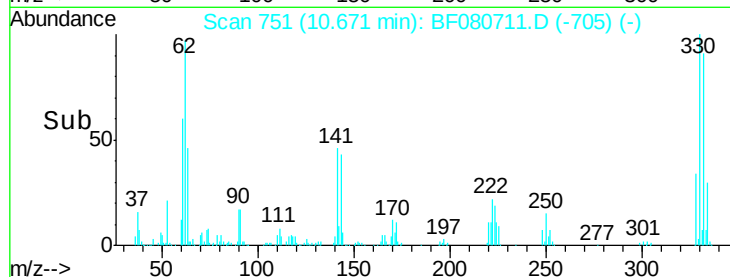
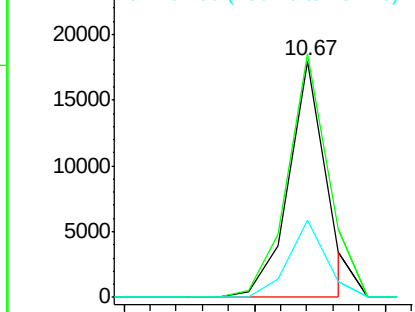
#57
 Fluorene
 Concen: 0.86 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.23 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:166 Resp: 17670
 Ion Ratio Lower Upper
 166 100
 165 103.0 81.0 121.4
 167 32.8 10.8 16.2#

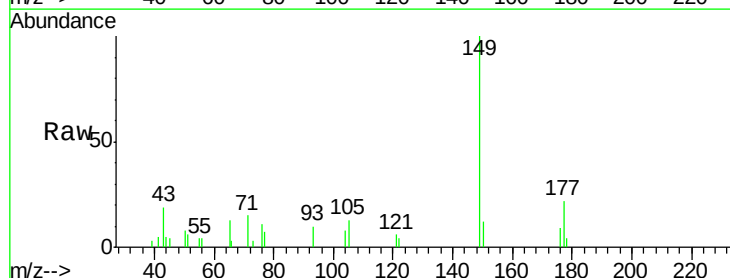


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

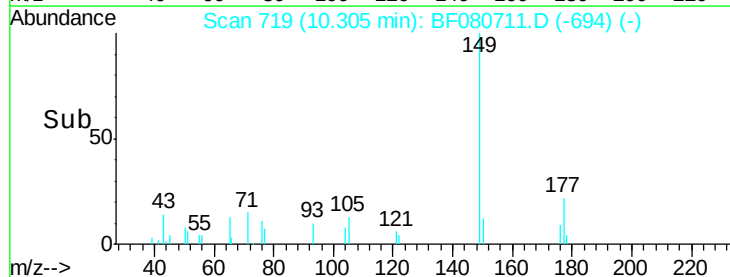
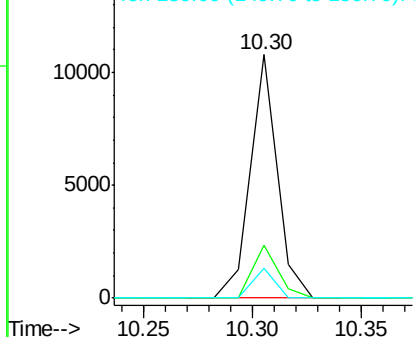


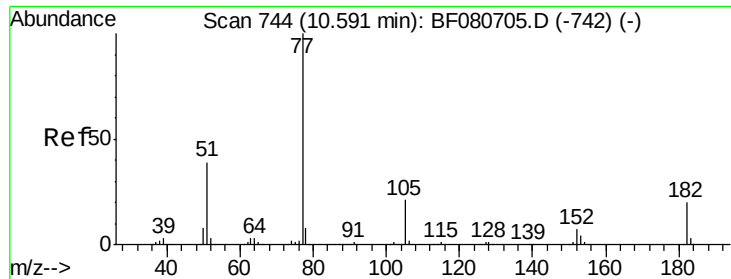
#59
 Diethylphthalate
 Concen: 0.42 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:149 Resp: 9265
 Ion Ratio Lower Upper
 149 100
 177 21.6 16.6 25.0
 150 12.4 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: 0.02 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

Tgt Ion: 77 Resp: 507

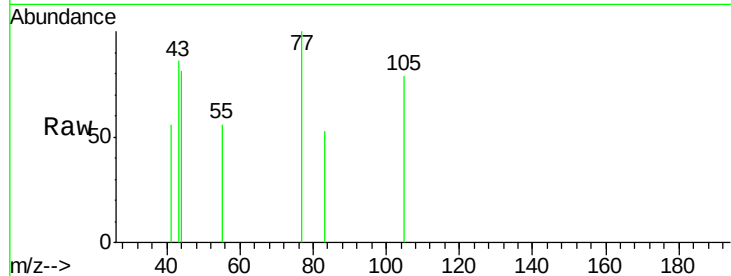
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.9

105 78.6 1.1 41.1#

51 0.0 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

1000

800

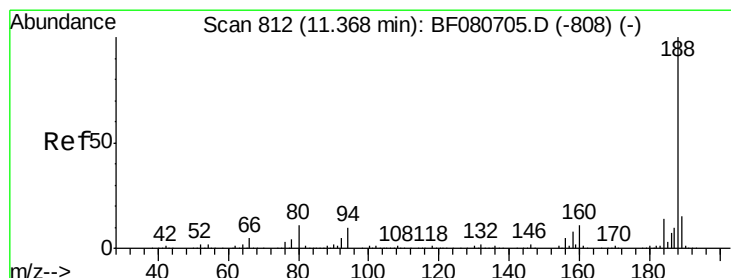
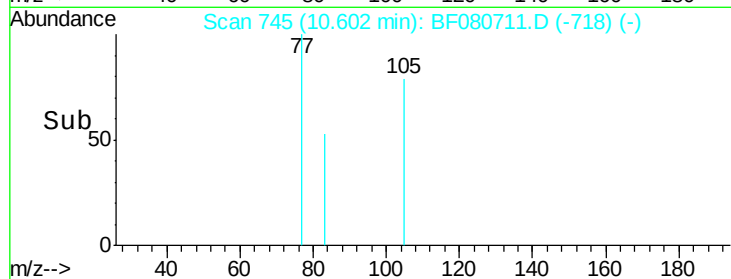
600

400

200

0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

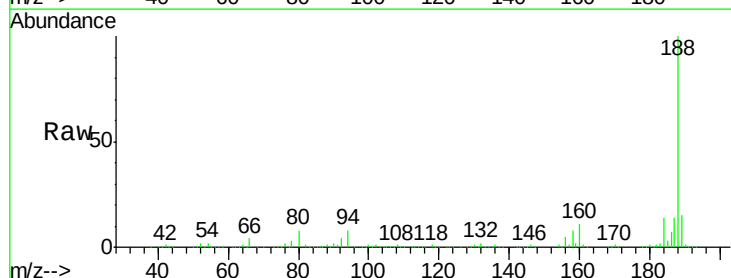
Tgt Ion: 188 Resp: 684493

Ion Ratio Lower Upper

188 100

94 8.4 8.1 12.1

80 8.5 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

1000000

800000

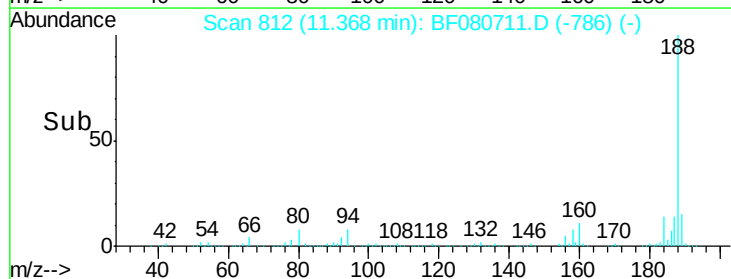
600000

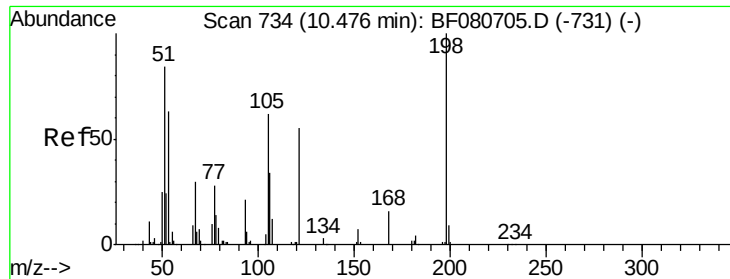
400000

200000

0

Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 0.30 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.19 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

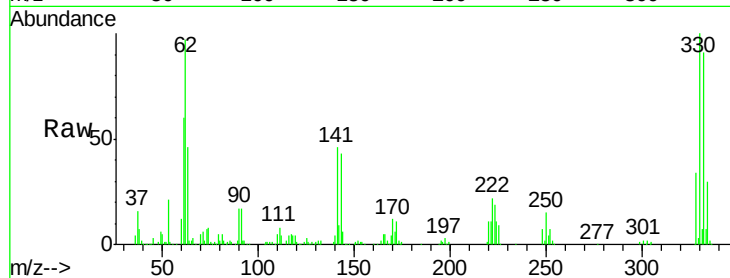
Tgt Ion:198 Resp: 1217

Ion Ratio Lower Upper

198 100

51 209.3 84.6 124.6#

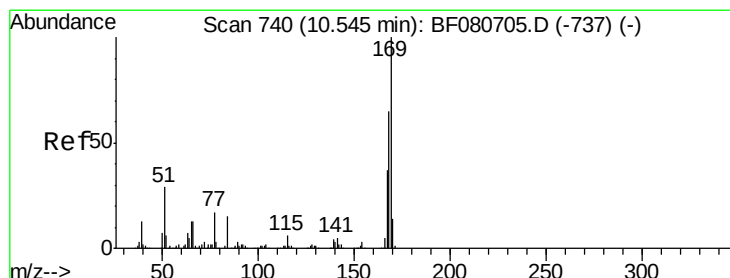
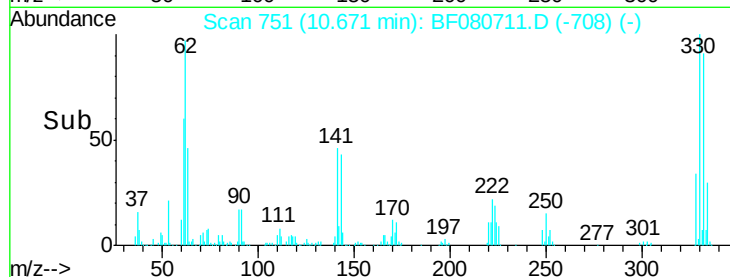
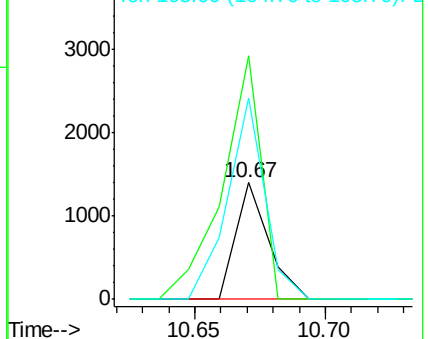
105 173.1 43.0 83.0#



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: 0.74 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.13 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

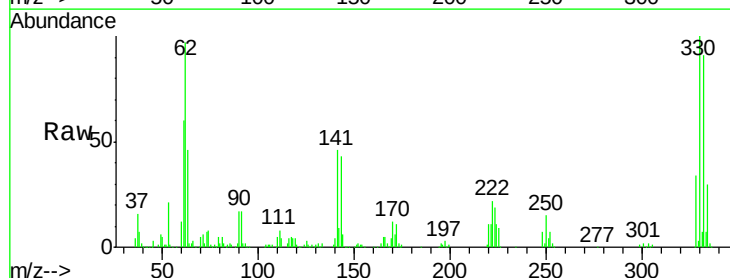
Tgt Ion:169 Resp: 16513

Ion Ratio Lower Upper

169 100

168 6.0 52.1 78.1#

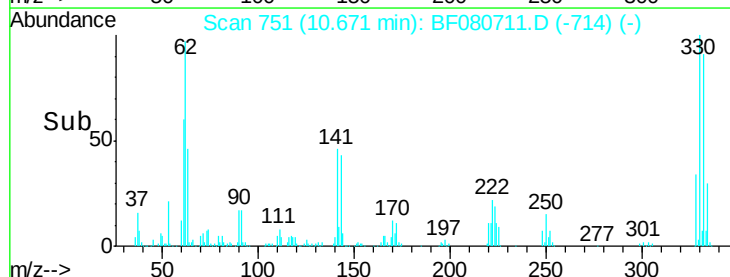
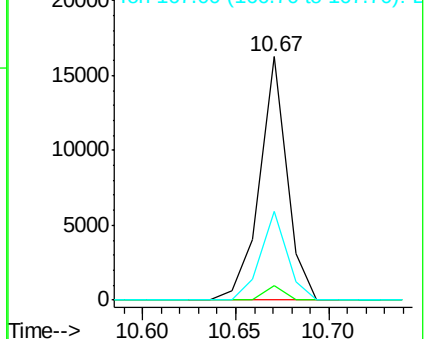
167 36.3 29.3 43.9

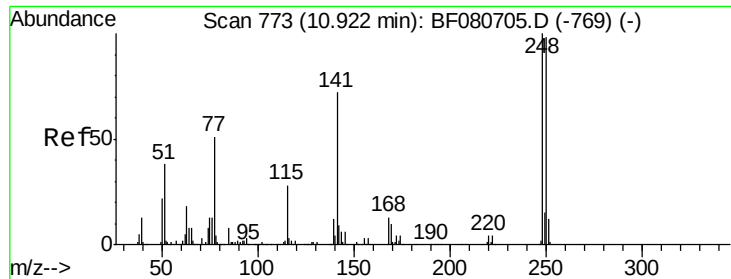


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

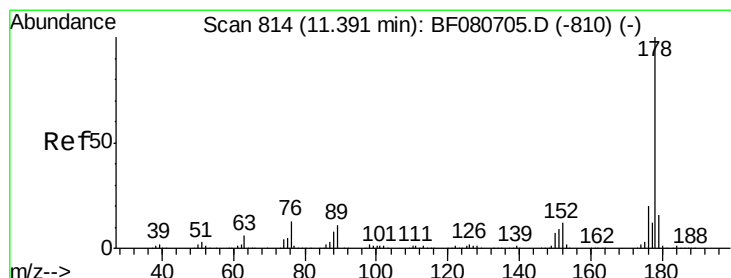
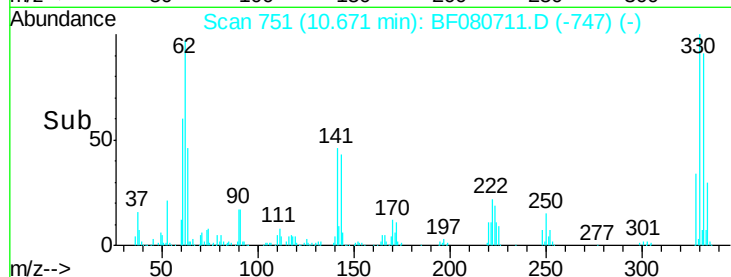
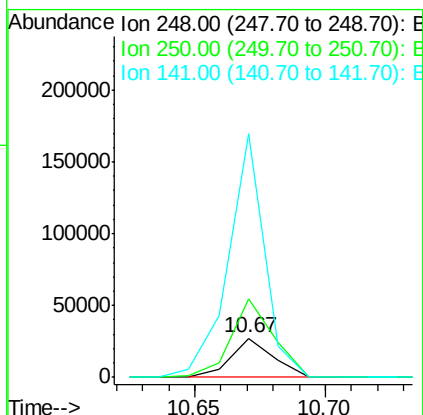
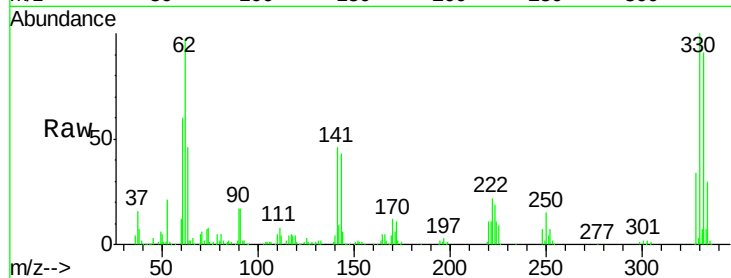




#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

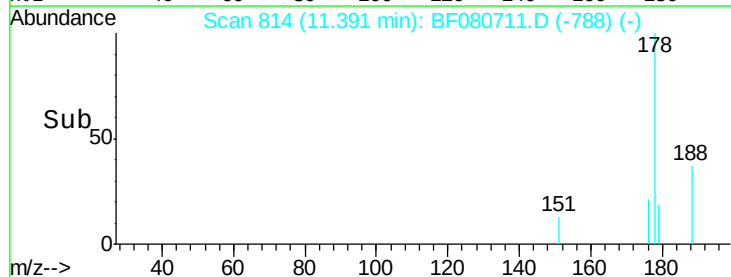
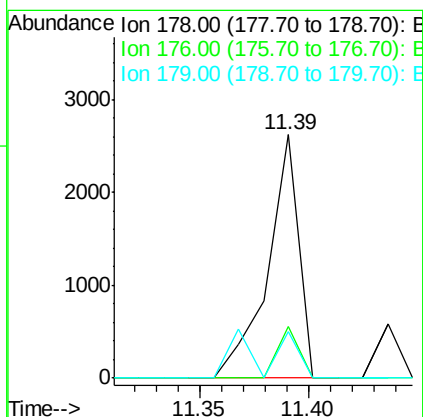
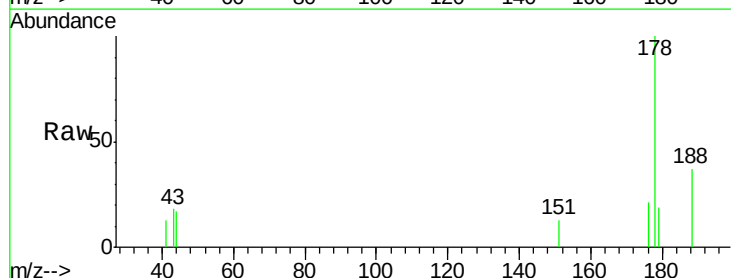
Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

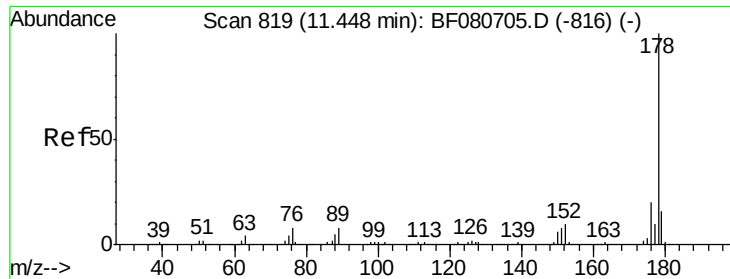
Tgt Ion:248 Resp: 30447
Ion Ratio Lower Upper
248 100
250 199.9 78.4 117.6#
141 623.7 57.5 86.3#



#70
Phenanthrene
Concen: 0.08 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Tgt Ion:178 Resp: 2626
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 19.0 13.0 19.4

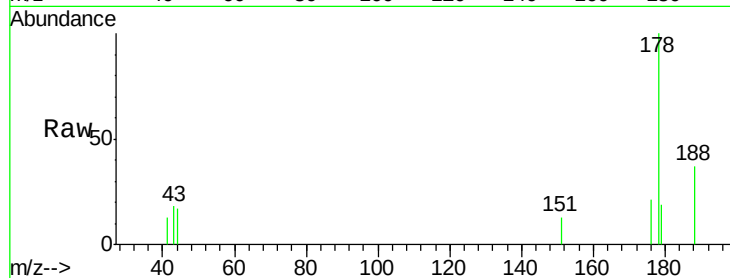




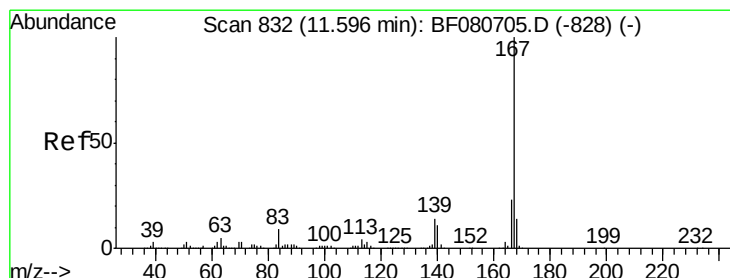
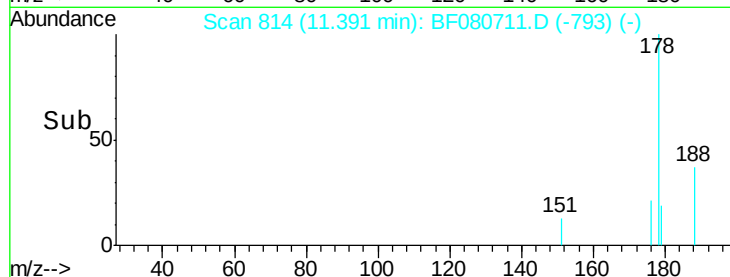
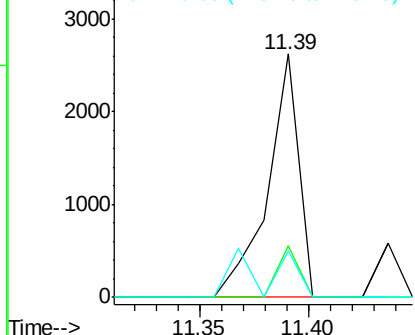
#71
 Anthracene
 Concen: 0.08 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:178 Resp: 2626
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.9 23.9
 179 19.0 12.7 19.1

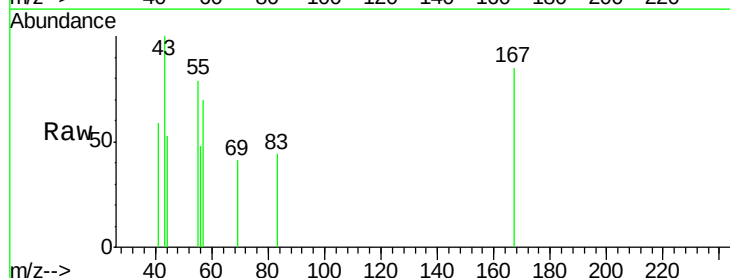


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

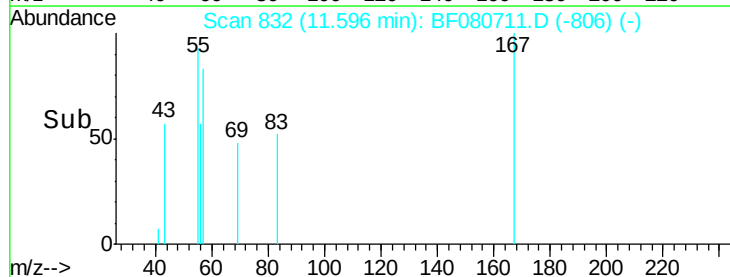
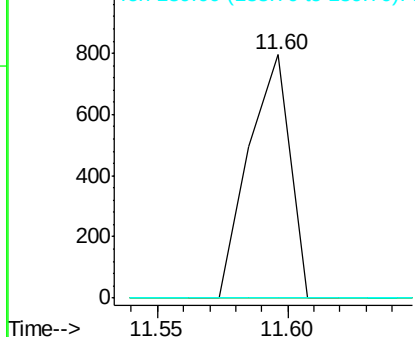


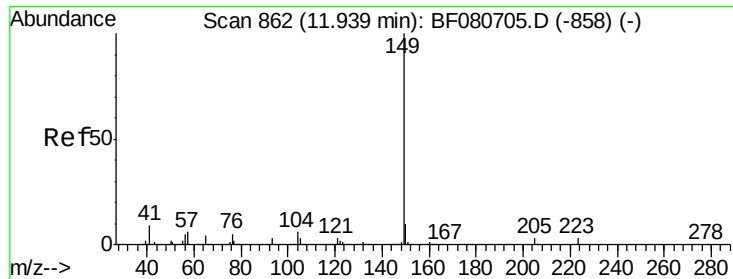
#72
 Carbazole
 Concen: 0.03 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:167 Resp: 886
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 11.5 17.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1.02 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

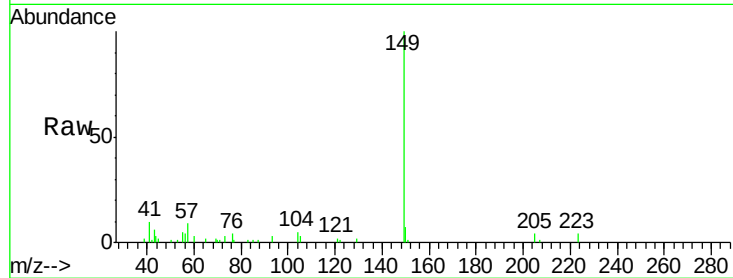
Tgt Ion:149 Resp: 37273

Ion Ratio Lower Upper

149 100

150 7.4 7.6 11.4#

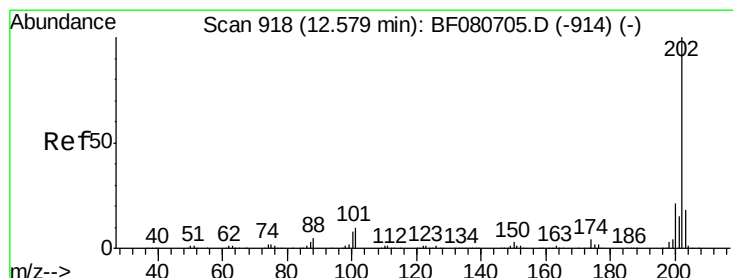
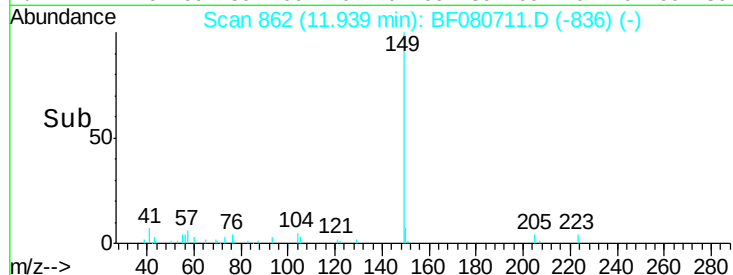
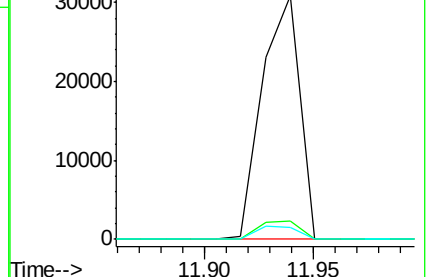
104 4.8 4.4 6.6



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: 0.02 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

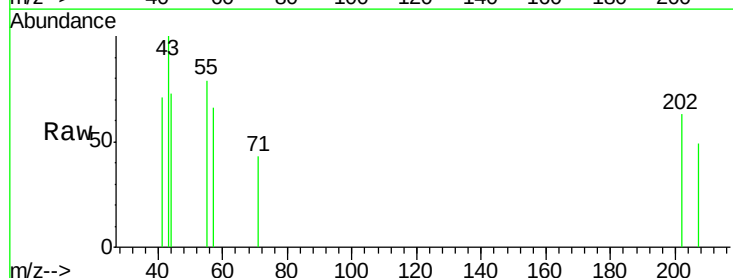
Tgt Ion:202 Resp: 574

Ion Ratio Lower Upper

202 100

101 0.0 0.0 29.6

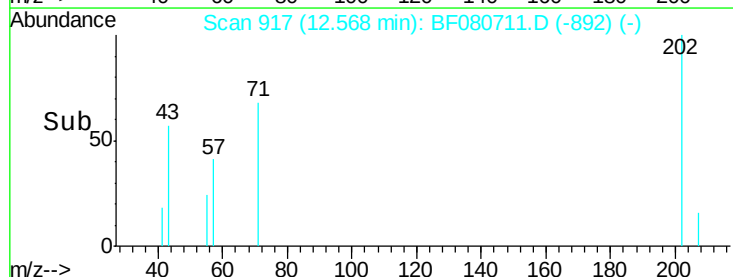
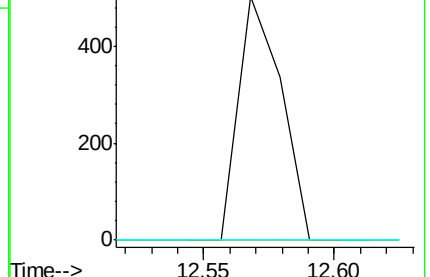
203 0.0 0.0 37.8

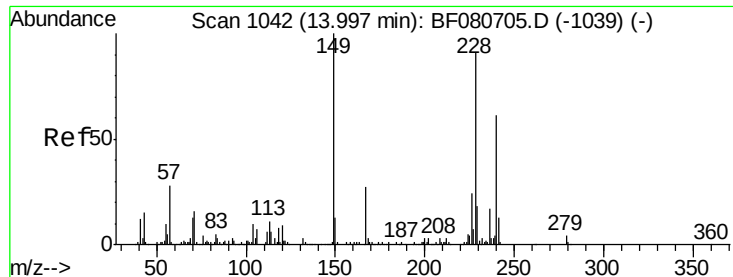


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

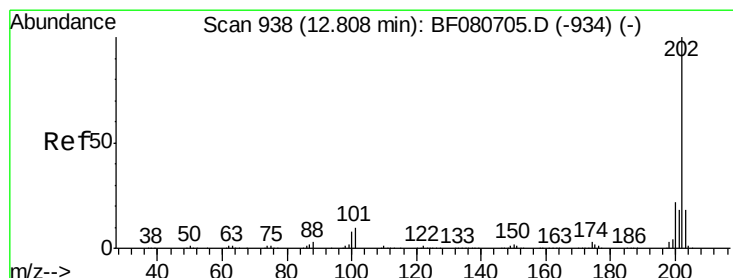
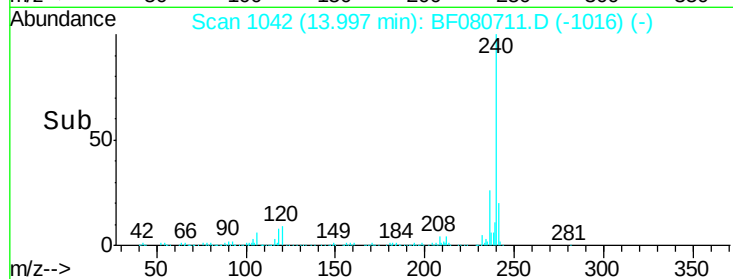
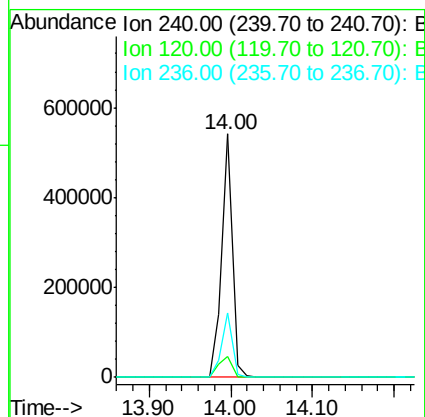
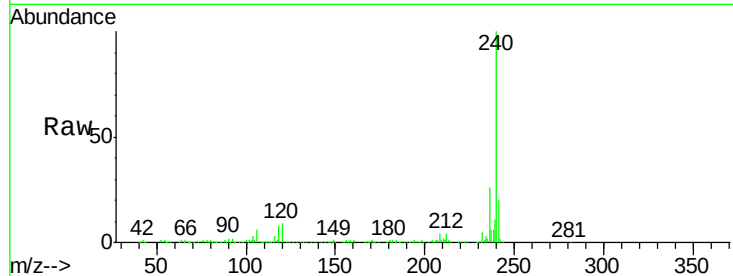




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

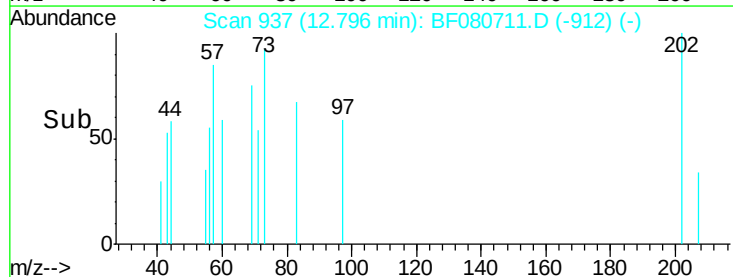
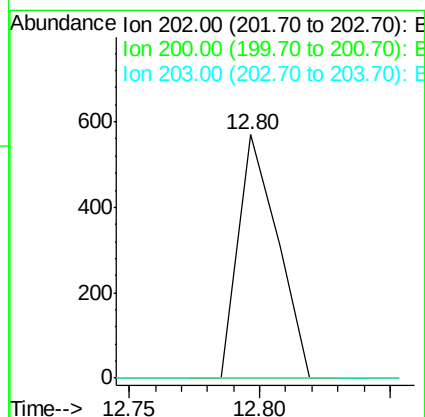
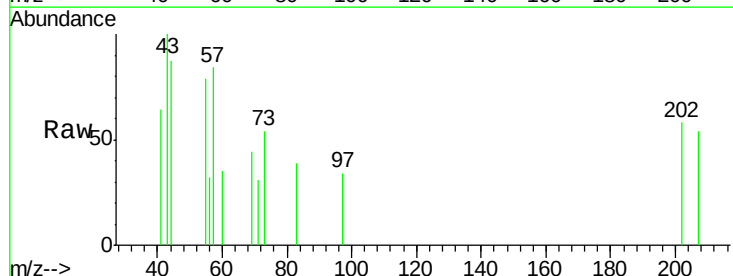
Instrument :
BNA_F
ClientSampleId :
GRID-3-(6-12)RE

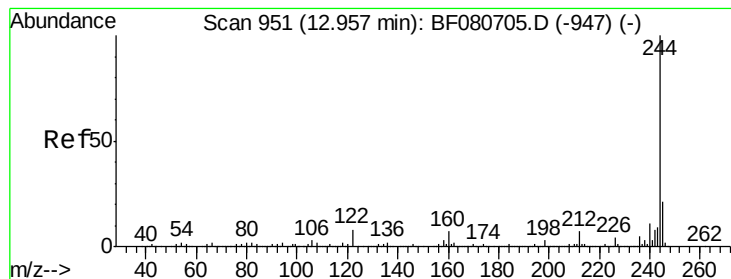
Tgt Ion:240 Resp: 495860
Ion Ratio Lower Upper
240 100
120 8.8 11.8 17.8#
236 26.3 21.8 32.8



#77
Pyrene
Concen: 0.02 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF080711.D
Acq: 31 Jul 2015 00:55

Tgt Ion:202 Resp: 603
Ion Ratio Lower Upper
202 100
200 0.0 17.4 26.2#
203 0.0 14.2 21.2#





#78

Terphenyl-d14

Concen: 72.80 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

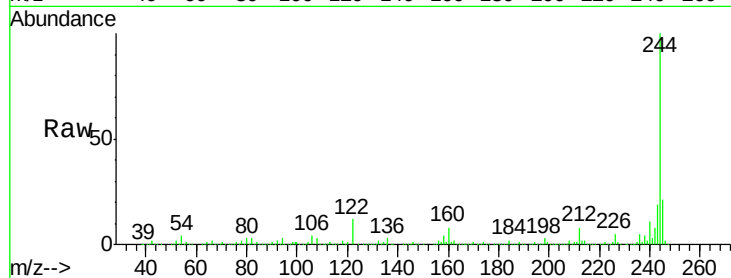
Tgt Ion:244 Resp: 1908581

Ion Ratio Lower Upper

244 100

212 8.4 5.9 8.9

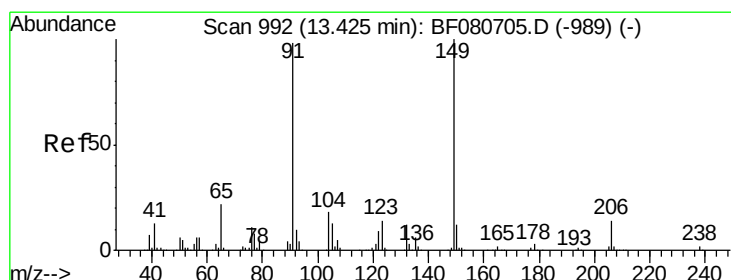
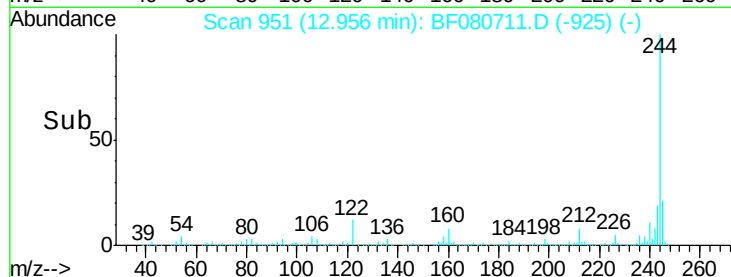
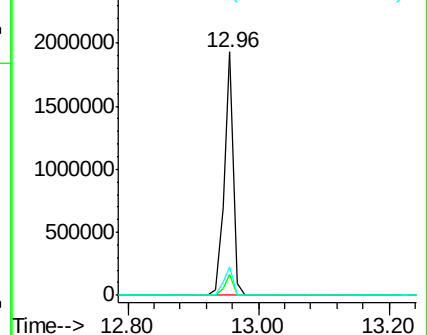
122 11.9 6.6 9.8#



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: 1.84 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

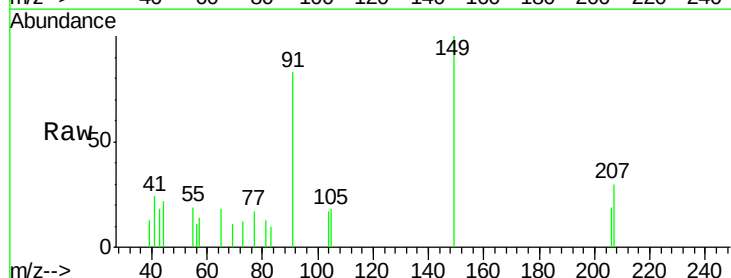
Tgt Ion:149 Resp: 2618

Ion Ratio Lower Upper

149 100

91 82.7 78.6 118.0

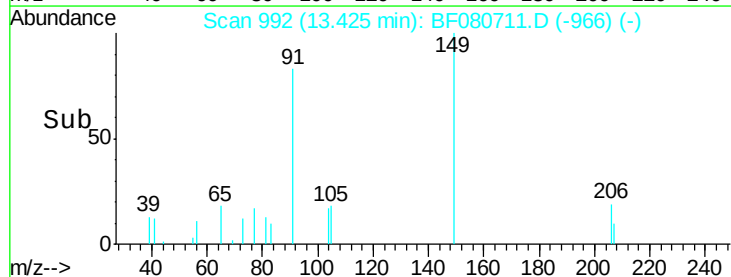
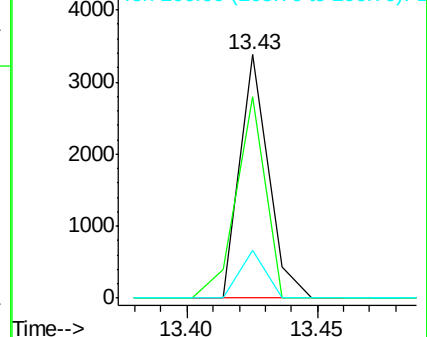
206 19.4 11.4 17.2#

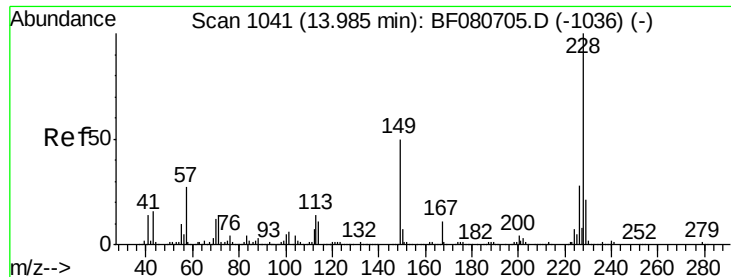


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.04 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

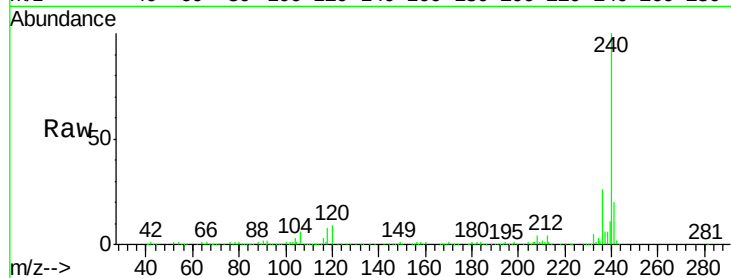
Tgt Ion:228 Resp: 1193

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

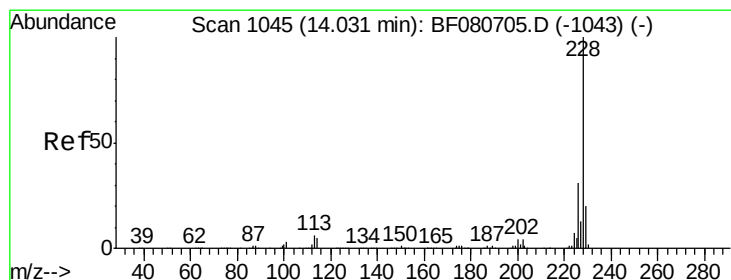
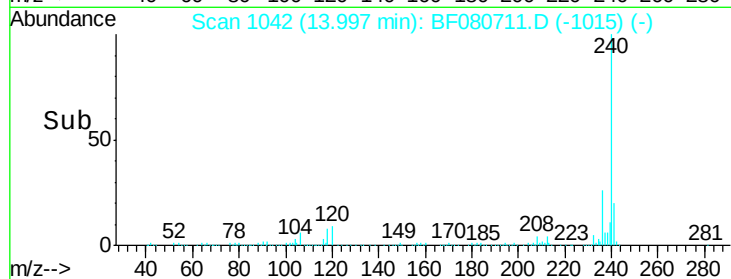
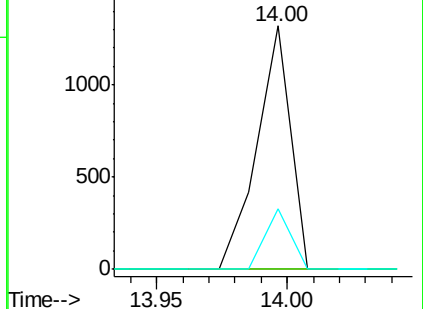
229 24.8 16.6 25.0



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: 0.04 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

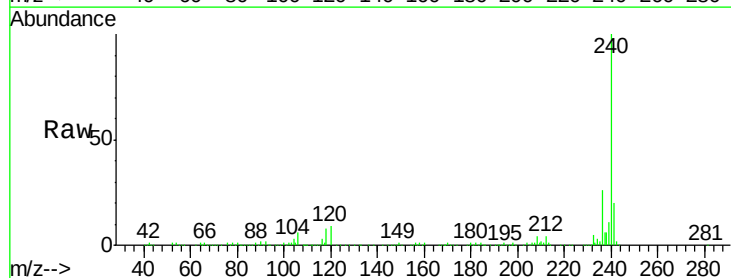
Tgt Ion:228 Resp: 1193

Ion Ratio Lower Upper

228 100

226 0.0 25.1 37.7#

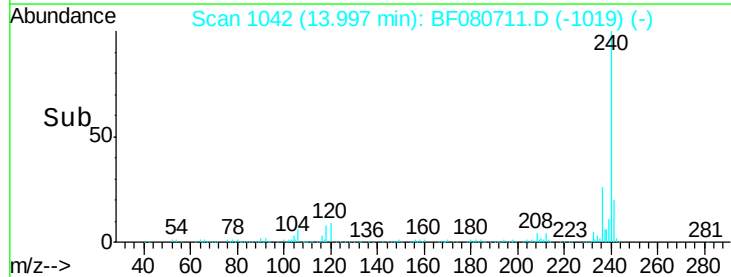
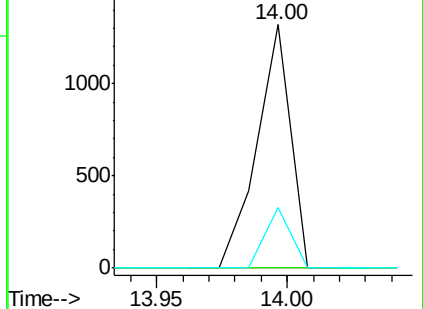
229 24.8 15.8 23.8#

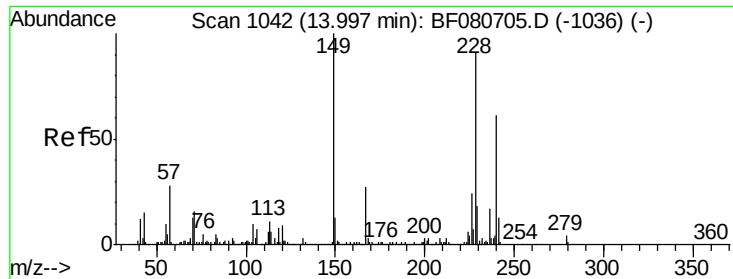


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

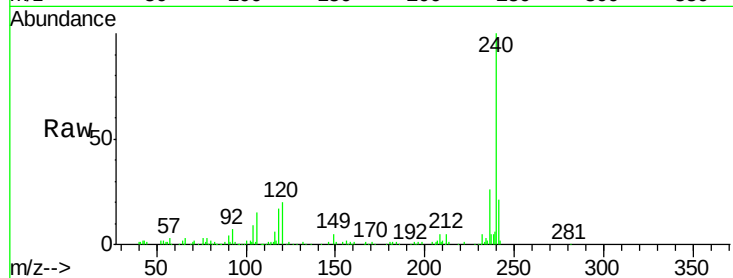




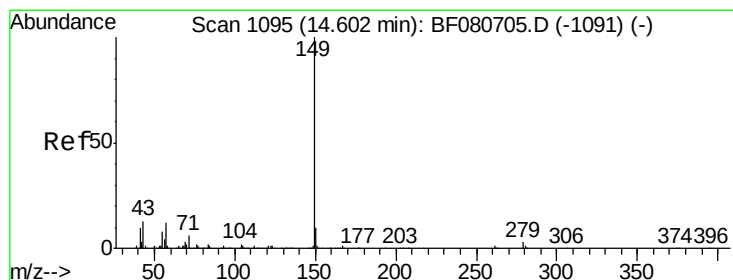
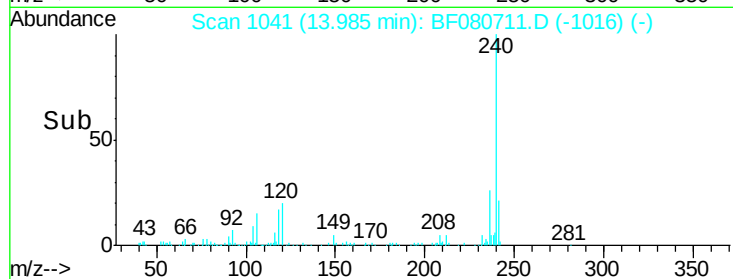
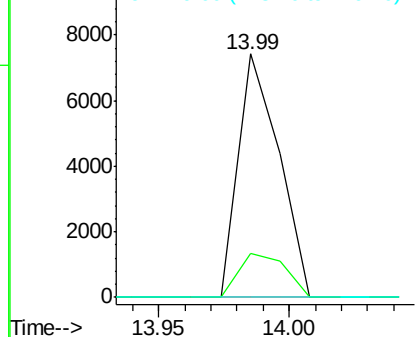
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.42 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 GRID-3-(6-12)RE

Tgt Ion:149 Resp: 8090
 Ion Ratio Lower Upper
 149 100
 167 17.9 21.8 32.8#
 279 0.0 3.4 5.0#

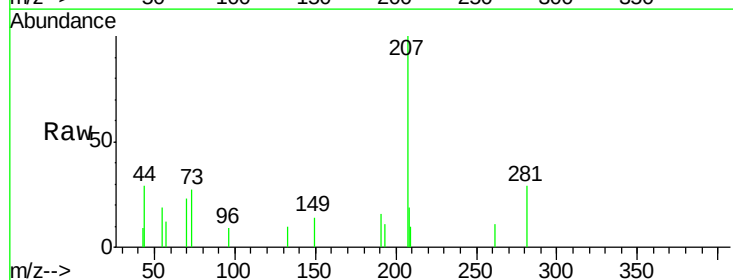


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

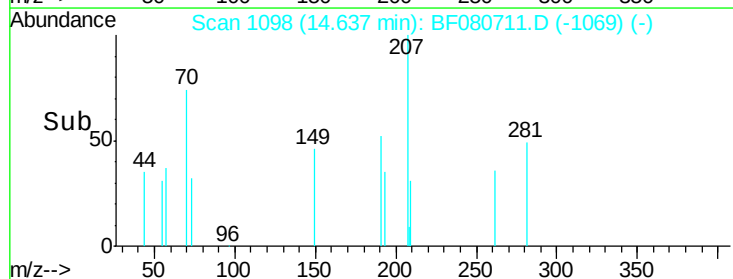
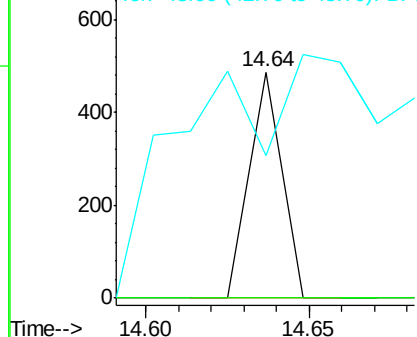


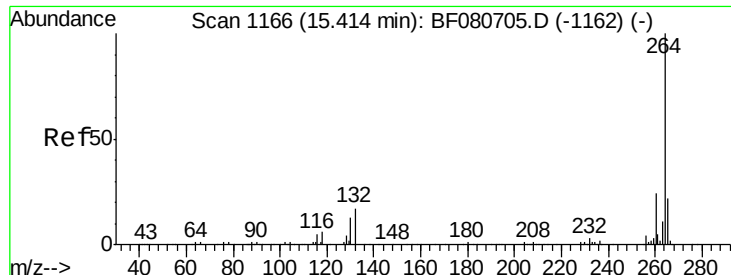
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. 0.03 min
 Lab File: BF080711.D
 Acq: 31 Jul 2015 00:55

Tgt Ion:149 Resp: 334
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 757.8 12.2 18.4#



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





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

Instrument :

BNA_F

ClientSampleId :

GRID-3-(6-12)RE

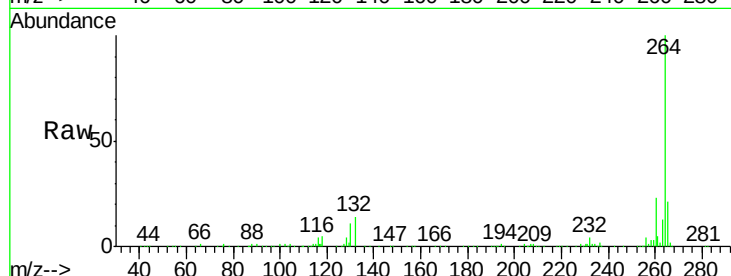
Tgt Ion:264 Resp: 371152

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

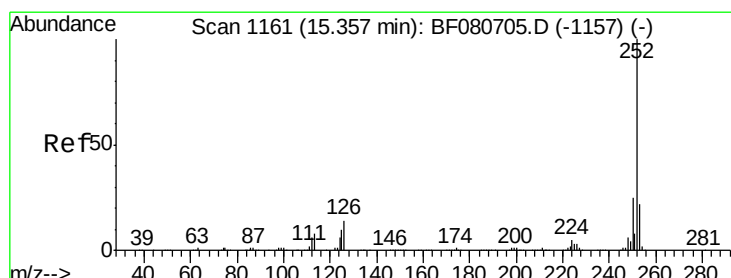
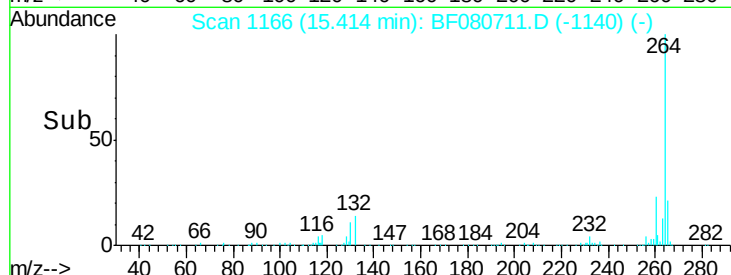
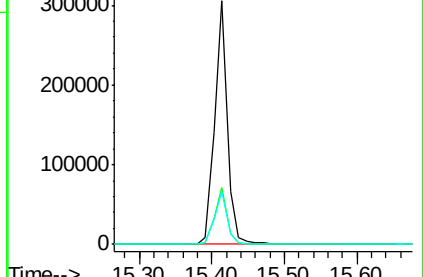
265 21.5 17.3 25.9



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: 0.06 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.06 min

Lab File: BF080711.D

Acq: 31 Jul 2015 00:55

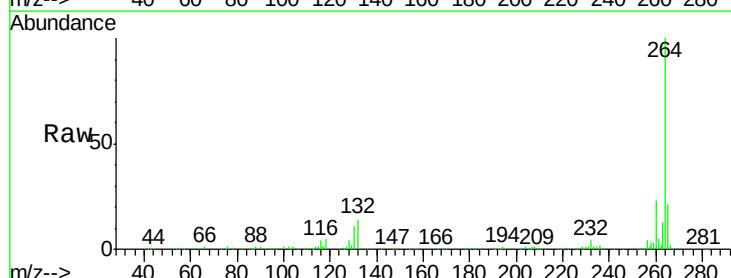
Tgt Ion:252 Resp: 1113

Ion Ratio Lower Upper

252 100

253 30.2 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

