

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080720.D
 Acq On : 31 Jul 2015 5:34
 Operator : TP/UM
 Sample : PB84701BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Quant Time: Jul 31 06:42:10 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	162762	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	624838	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	329016	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	620868	20.00	ng	0.00
75) Chrysene-d12	14.00	240	380564	20.00	ng	0.00
86) Perylene-d12	15.41	264	314550	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1188728	125.29	ng	0.02
7) Phenol-d6	6.49	99	1482761	114.79	ng	0.00
23) Nitrobenzene-d5	7.41	82	1026606	79.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	464374	136.02	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1768497	80.19	ng	0.00
78) Terphenyl-d14	12.96	244	1684167	83.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	148259	31.69	ng	99
3) Pyridine	3.30	79	403176	31.06	ng	99
4) n-Nitrosodimethylamine	3.24	42	276763	37.30	ng	100
6) Aniline	6.52	93	382807	20.59	ng	99
8) 2-Chlorophenol	6.64	128	384678	36.17	ng	99
9) Benzaldehyde	6.40	77	71052	7.22	ng	87
10) Phenol	6.50	94	618866	41.40	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	392603	36.77	ng	98
12) 1,3-Dichlorobenzene	6.80	146	454408	38.38	ng	97
13) 1,4-Dichlorobenzene	6.88	146	439198	36.36	ng	96
14) 1,2-Dichlorobenzene	7.02	146	425856	38.57	ng	96
15) Benzyl Alcohol	7.02	79	189077	17.63	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	914867	40.10	ng	95
17) 2-Methylphenol	7.10	107	346855	39.73	ng	97
18) Hexachloroethane	7.37	117	168586	37.40	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	341875	39.30	ng	# 91
20) 3+4-Methylphenols	7.26	107	448897	41.68	ng	92
22) Acetophenone	7.26	105	550272	36.48	ng	# 93
24) Nitrobenzene	7.44	77	529334	40.95	ng	94
25) Isophorone	7.68	82	873269	38.06	ng	98
26) 2-Nitrophenol	7.76	139	218736	41.68	ng	89
27) 2,4-Dimethylphenol	7.79	122	414381	42.04	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	569147	41.87	ng	99
29) 2,4-Dichlorophenol	8.00	162	353925	40.39	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	349201	36.55	ng	98
31) Naphthalene	8.16	128	1105104	35.43	ng	99
32) Benzoic acid	7.90	122	267995	38.83	ng	99
33) 4-Chloroaniline	8.20	127	180925	13.75	ng	# 88
34) Hexachlorobutadiene	8.28	225	236672	38.36	ng	99
35) Caprolactam	8.57	113	79841	30.43	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	404849	42.85	ng	97
37) 2-Methylnaphthalene	8.85	142	792489	40.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	317412	30.72	ng	98
40) Hexachlorocyclopentadiene	9.01	237	463678	72.94	ng	99

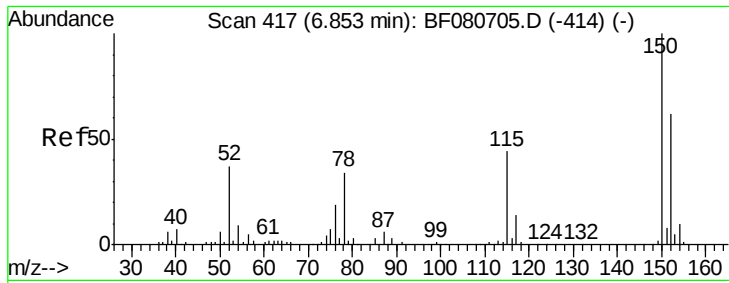
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080720.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	280736	39.06	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	266570	37.39	ng	93
45) 1,1'-Biphenyl	9.31	154	860960	34.13	ng	95
46) 2-Chloronaphthalene	9.33	162	701570	34.05	ng	# 91
47) 2-Nitroaniline	9.44	65	312871	39.02	ng	99
48) Acenaphthylene	9.76	152	1254489	38.29	ng	99
49) Dimethylphthalate	9.62	163	926687	39.97	ng	100
50) 2,6-Dinitrotoluene	9.68	165	201633	40.98	ng	99
51) Acenaphthene	9.93	154	899455	45.00	ng	98
52) 3-Nitroaniline	9.84	138	113977	20.07	ng	# 45
53) 2,4-Dinitrophenol	9.95	184	264167	100.80	ng	# 57
54) Dibenzofuran	10.10	168	1065354	39.85	ng	99
55) 4-Nitrophenol	10.00	139	287195	68.65	ng	# 53
56) 2,4-Dinitrotoluene	10.08	165	256488	39.75	ng	93
57) Fluorene	10.44	166	826276	39.82	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	240401	44.71	ng	98
59) Diethylphthalate	10.32	149	881123	39.43	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	366675	40.70	ng	98
61) 4-Nitroaniline	10.45	138	170414	33.24	ng	96
62) Azobenzene	10.59	77	1039933	42.95	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	145659	38.96	ng	# 33
65) n-Nitrosodiphenylamine	10.56	169	752466	36.97	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	266247	41.54	ng	98
67) Hexachlorobenzene	10.98	284	268911	36.29	ng	99
68) Atrazine	11.07	200	96851	15.74	ng	99
69) Pentachlorophenol	11.17	266	337829	75.34	ng	98
70) Phenanthrene	11.39	178	1165372	37.26	ng	100
71) Anthracene	11.45	178	1219750	39.69	ng	100
72) Carbazole	11.60	167	955765	35.83	ng	100
73) Di-n-butylphthalate	11.94	149	1434391	43.36	ng	100
74) Fluoranthene	12.58	202	1245176	41.17	ng	100
76) Benzidine	12.71	184	214529	15.48	ng	100
77) Pyrene	12.81	202	1284617	43.52	ng	99
79) Butylbenzylphthalate	13.43	149	487020	39.97	ng	98
80) Benzo(a)anthracene	13.99	228	867010	37.88	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	222906	28.53	ng	98
82) Chrysene	14.03	228	860855	38.75	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	650590	44.28	ng	100
84) Di-n-octyl phthalate	14.60	149	1044132	42.38	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	643544	32.88	ng	# 86
87) Benzo(b)fluoranthene	15.01	252	735773	39.16	ng	98
88) Benzo(k)fluoranthene	15.01	252	735773	47.58	ng	# 95
89) Benzo(a)pyrene	15.36	252	611539	39.65	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	552308	40.00	ng	# 97
91) Benzo(g,h,i)perylene	17.21	276	559360	41.17	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

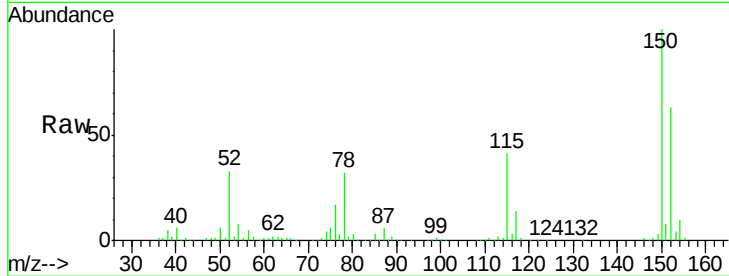
Tgt Ion:152 Resp: 162762

Ion Ratio Lower Upper

152 100

150 160.0 129.6 194.4

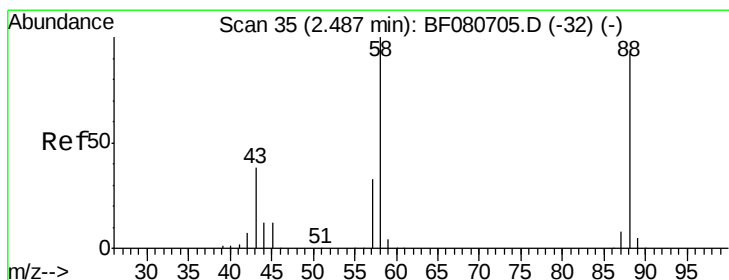
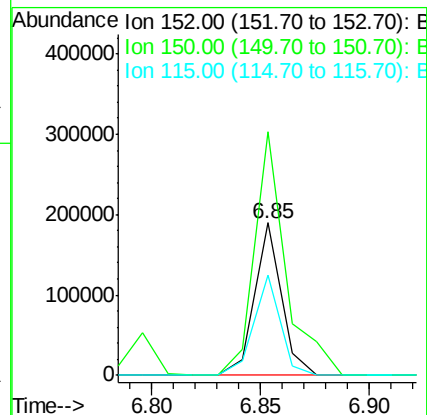
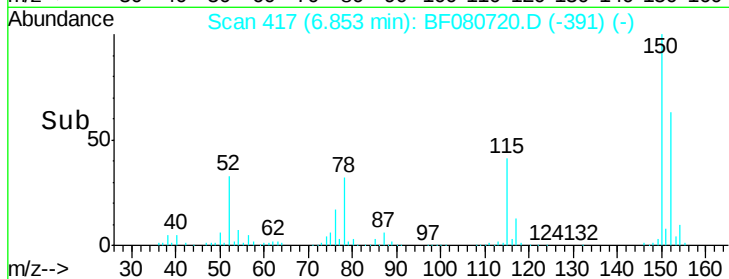
115 66.0 56.6 85.0



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



#2

1,4-Dioxane

Concen: 31.69 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.10 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

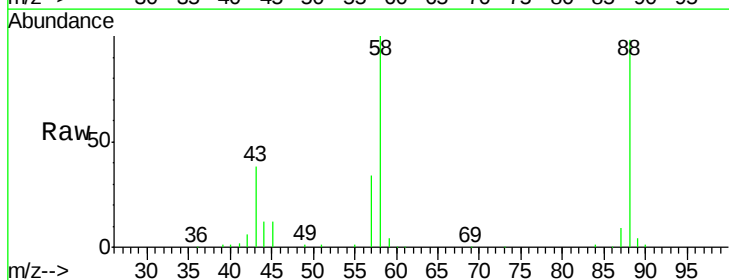
Tgt Ion: 88 Resp: 148259

Ion Ratio Lower Upper

88 100

58 102.0 82.3 123.5

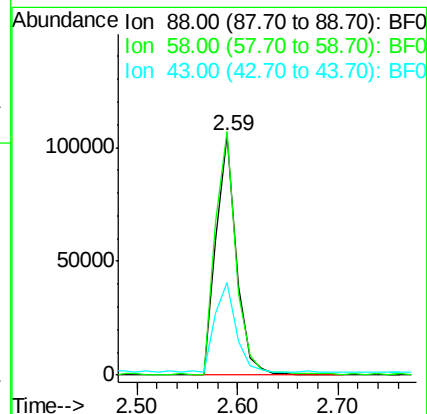
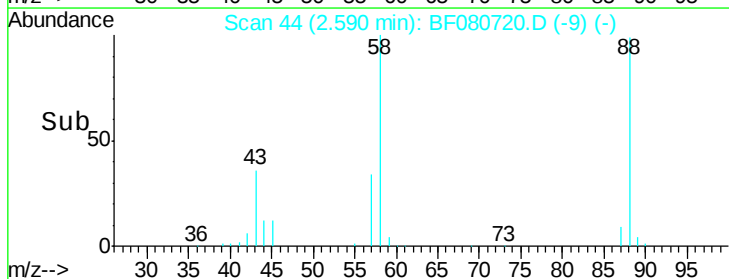
43 38.6 31.7 47.5

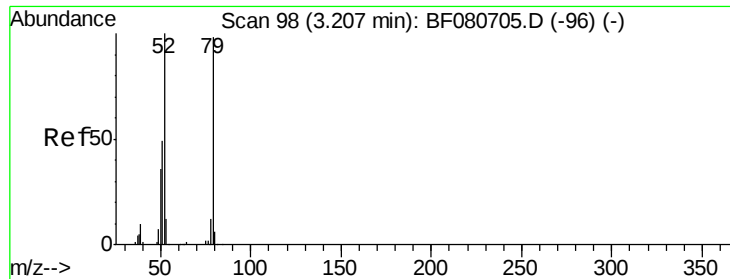


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

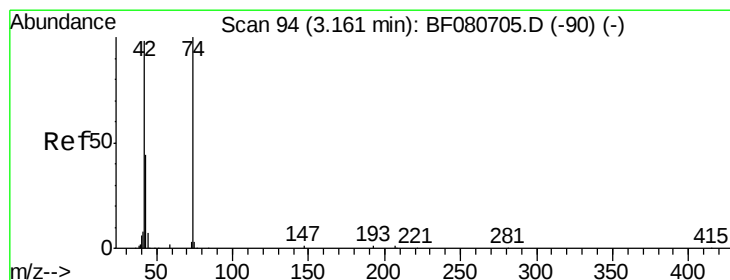
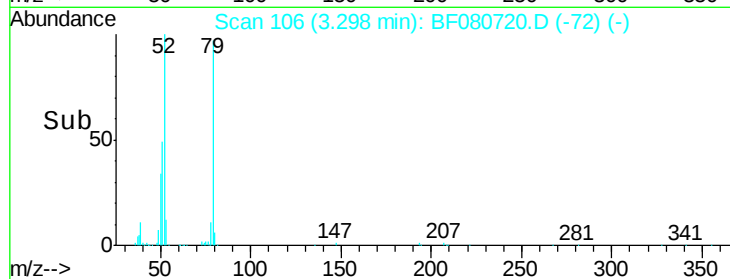
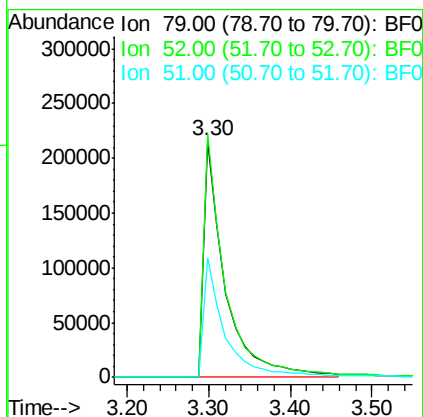
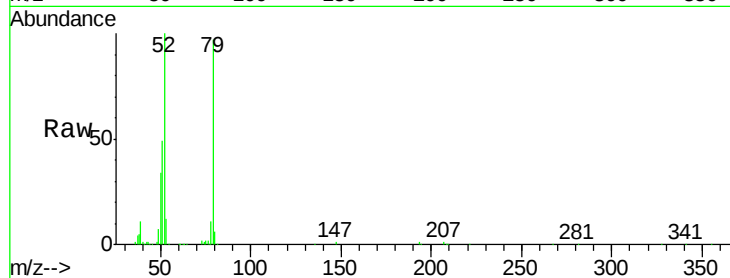




#3
 Pyridine
 Concen: 31.06 ng
 RT: 3.30 min Scan# 106
 Delta R.T. 0.09 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

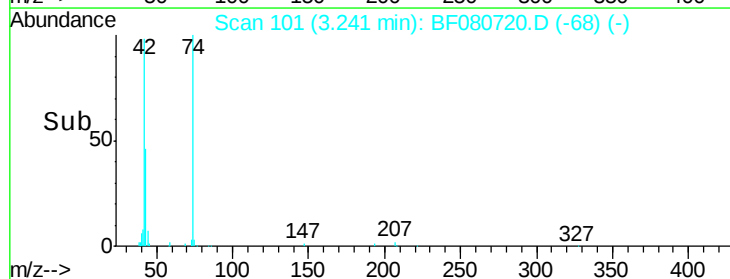
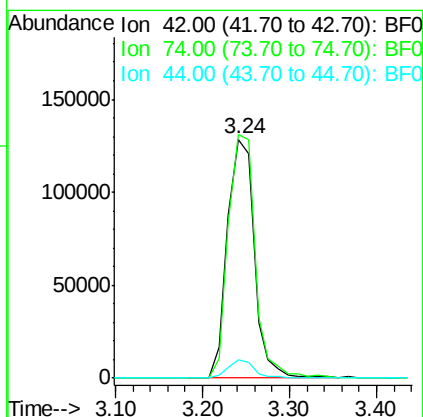
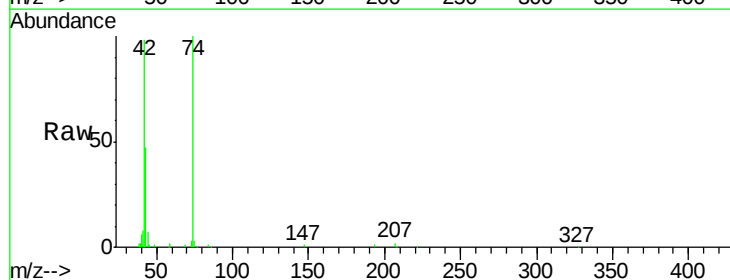
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

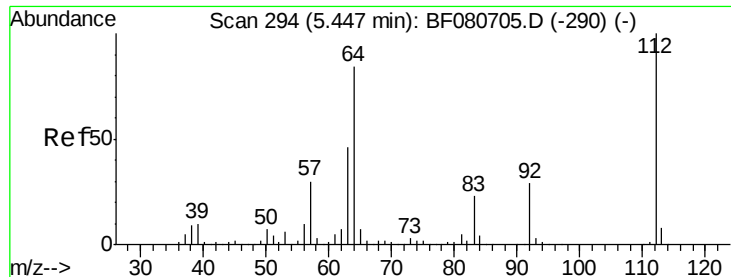
Tgt Ion: 79 Resp: 403176
 Ion Ratio Lower Upper
 79 100
 52 103.1 81.6 122.4
 51 50.7 40.2 60.2



#4
 n-Nitrosodimethylamine
 Concen: 37.30 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.08 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion: 42 Resp: 276763
 Ion Ratio Lower Upper
 42 100
 74 102.0 81.5 122.3
 44 7.5 5.6 8.4





#5

2-Fluorophenol

Concen: 125.29 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

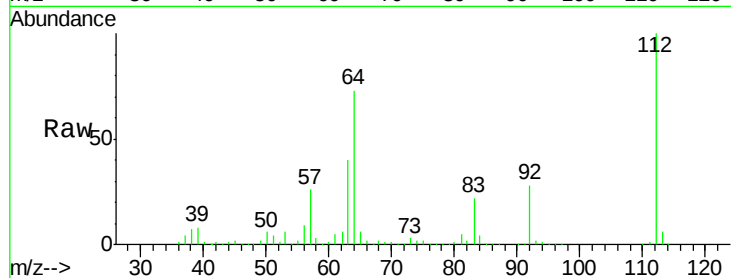
Tgt Ion: 112 Resp: 1188728

Ion Ratio Lower Upper

112 100

64 73.1 66.8 100.2

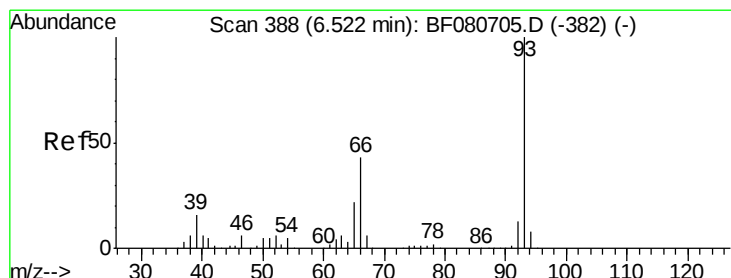
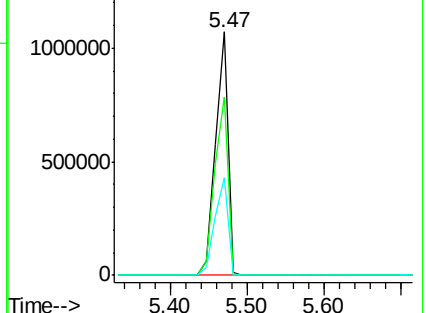
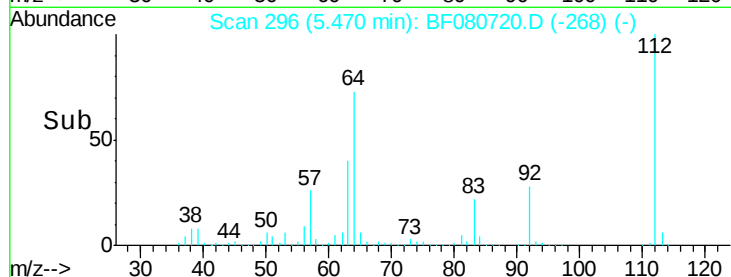
63 40.2 36.7 55.1



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: 20.59 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

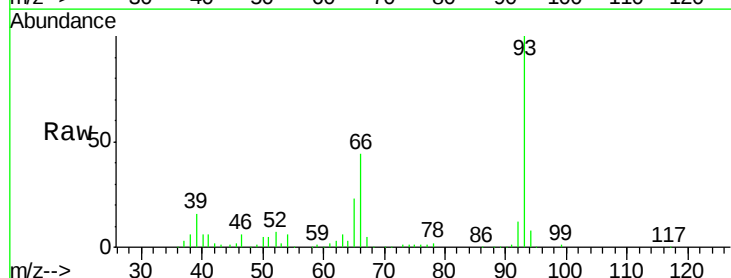
Tgt Ion: 93 Resp: 382807

Ion Ratio Lower Upper

93 100

66 43.5 34.3 51.5

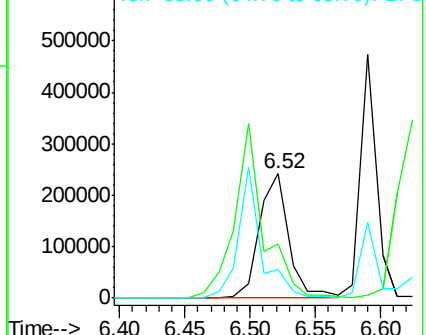
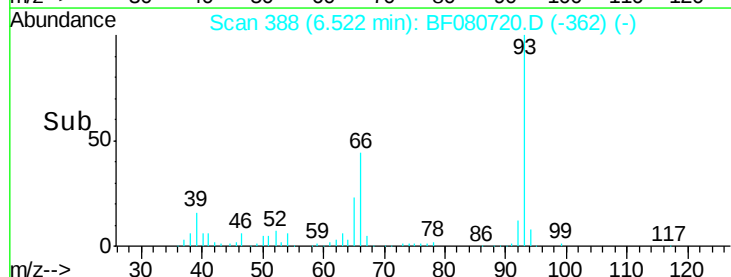
65 22.6 17.6 26.4

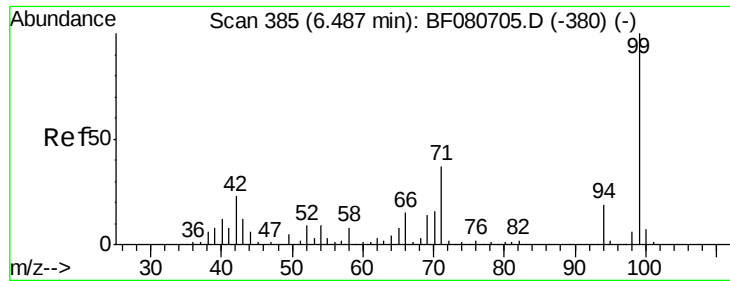


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.79 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

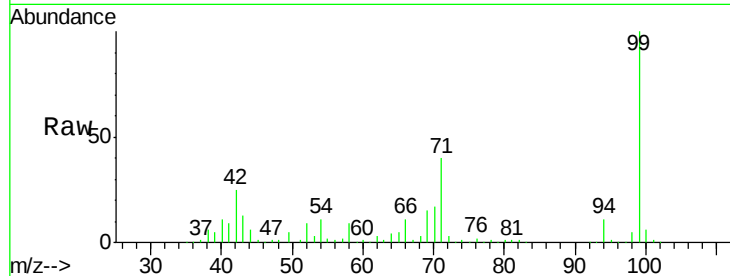
Tgt Ion: 99 Resp: 1482761

Ion Ratio Lower Upper

99 100

42 25.3 18.2 27.2

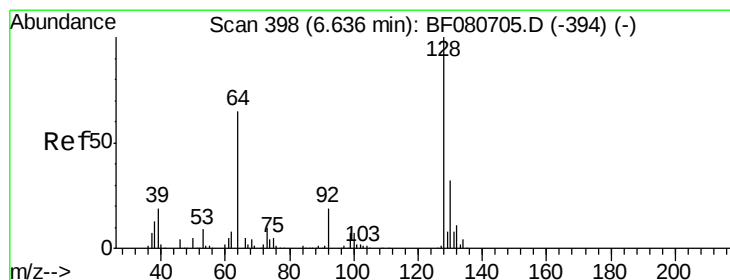
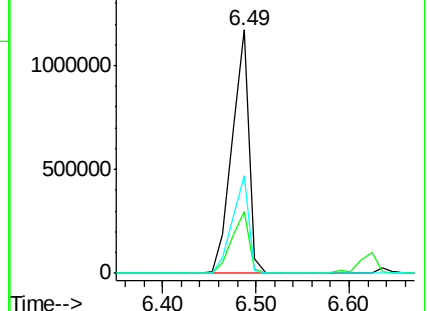
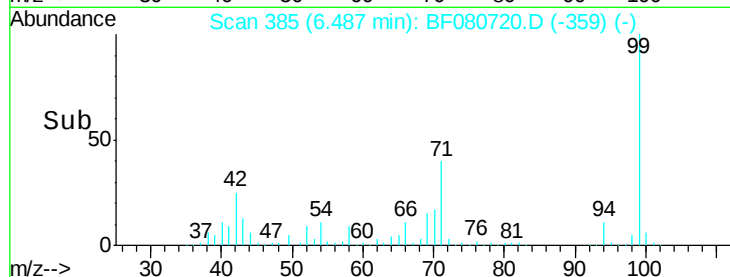
71 40.0 29.5 44.3



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: 36.17 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

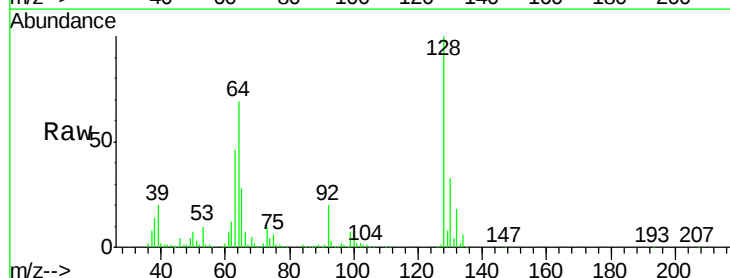
Tgt Ion: 128 Resp: 384678

Ion Ratio Lower Upper

128 100

130 32.7 11.7 51.7

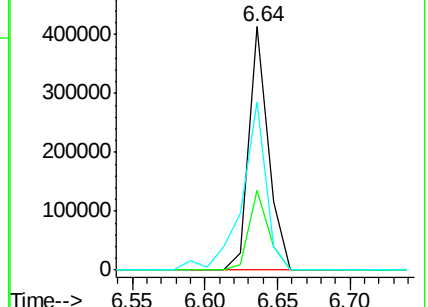
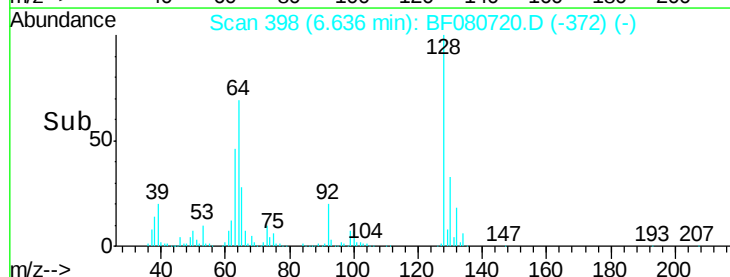
64 69.0 48.7 88.7

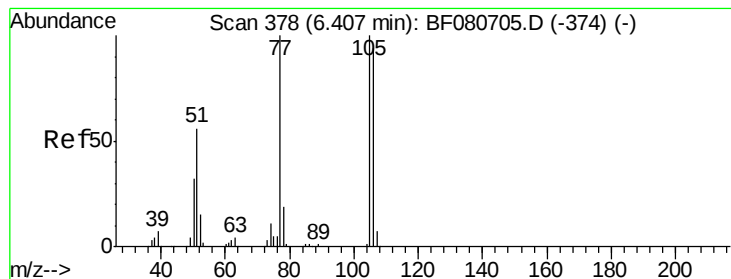


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.22 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampled :

PB84701BS

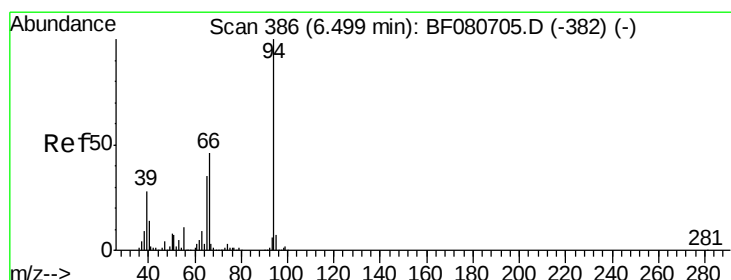
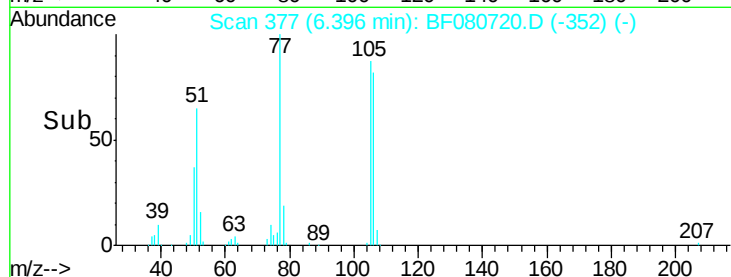
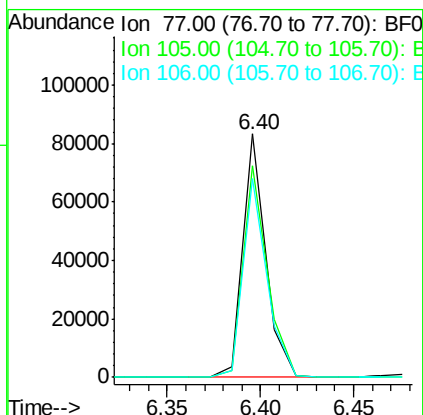
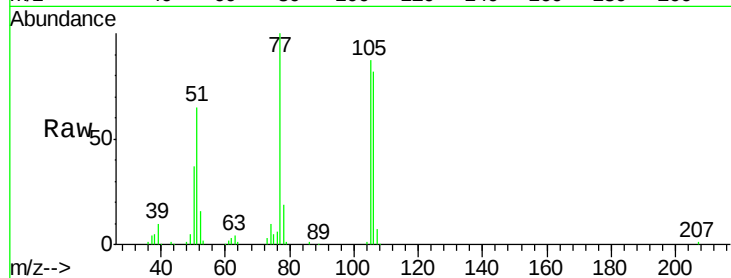
Tgt Ion: 77 Resp: 71052

Ion Ratio Lower Upper

77 100

105 87.0 80.2 120.2

106 81.9 74.2 114.2



#10

Phenol

Concen: 41.40 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

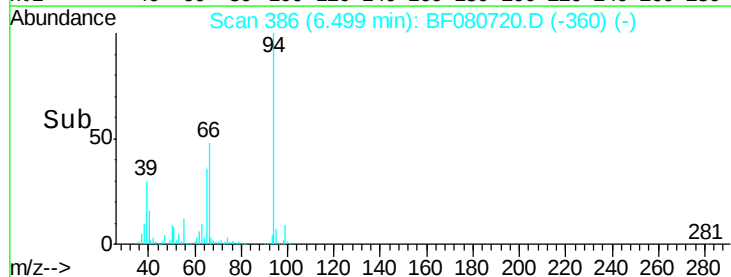
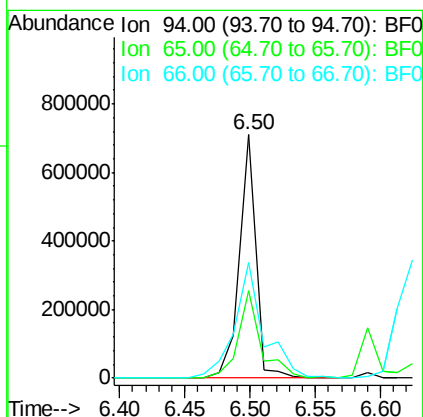
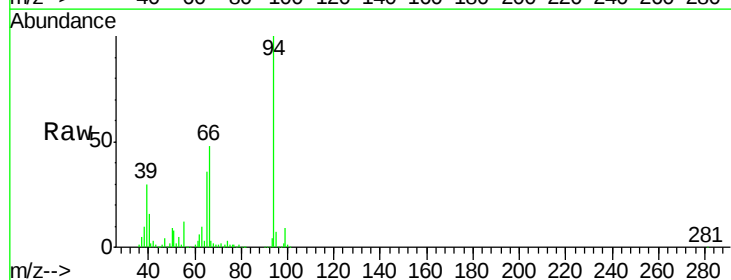
Tgt Ion: 94 Resp: 618866

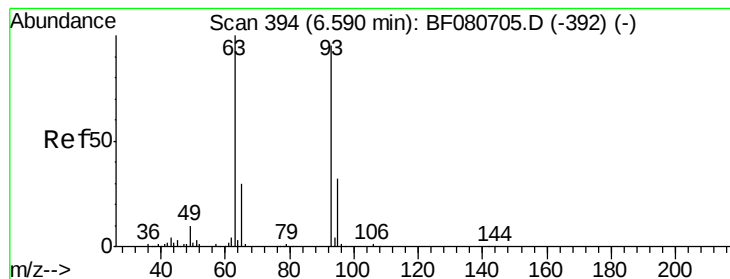
Ion Ratio Lower Upper

94 100

65 36.0 14.7 54.7

66 47.7 25.9 65.9





#11

bis(2-Chloroethyl)ether

Concen: 36.77 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

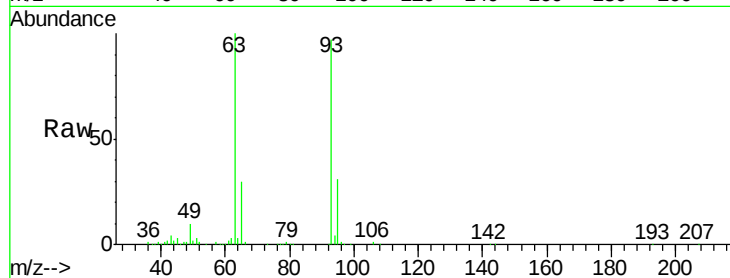
Tgt Ion: 93 Resp: 392603

Ion Ratio Lower Upper

93 100

63 102.8 85.3 125.3

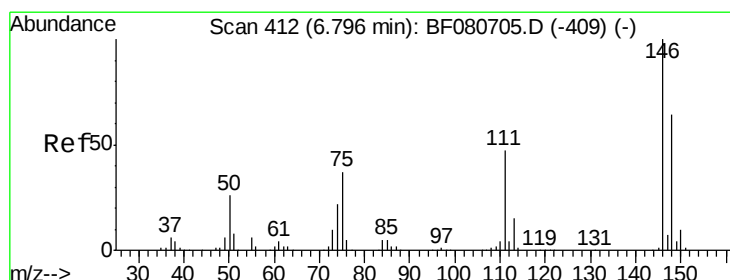
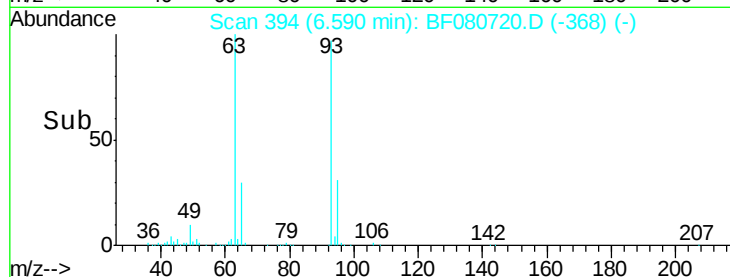
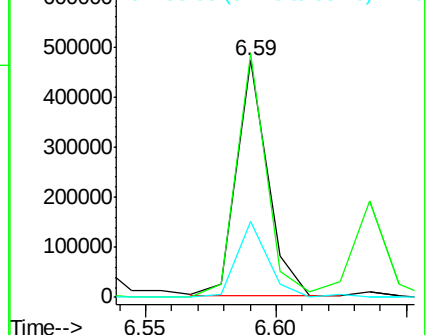
95 32.3 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.38 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

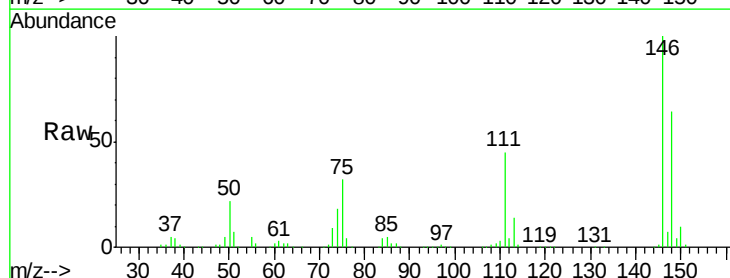
Tgt Ion: 146 Resp: 454408

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

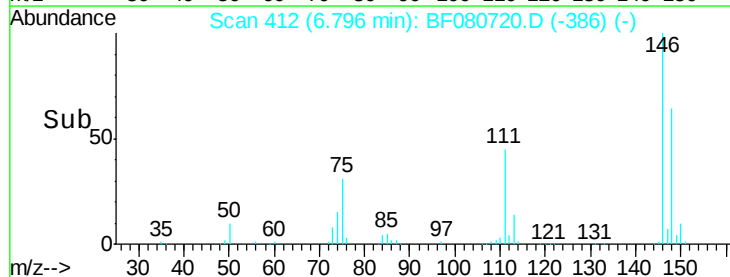
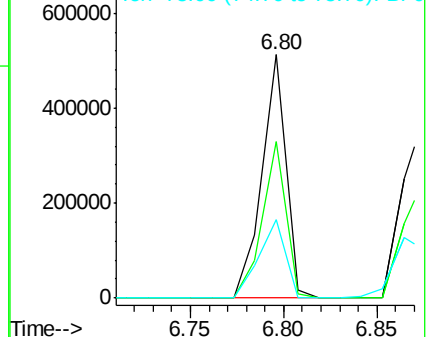
75 32.2 29.4 44.0

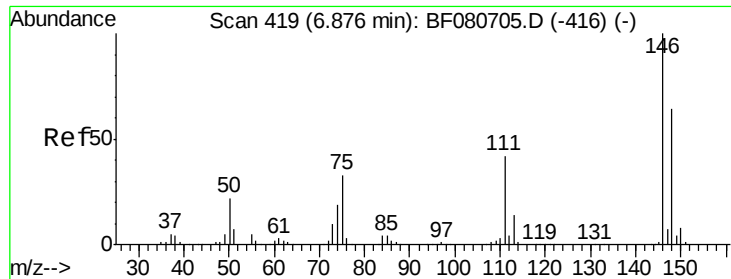


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

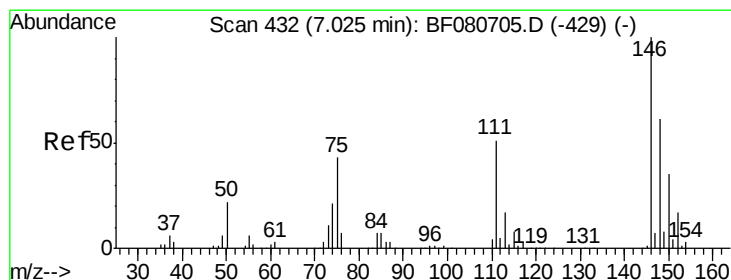
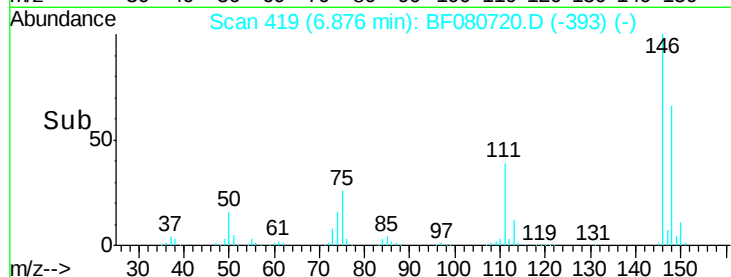
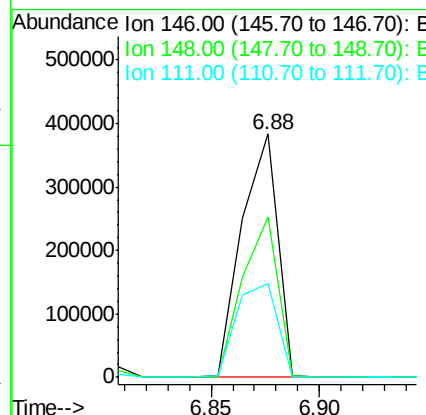
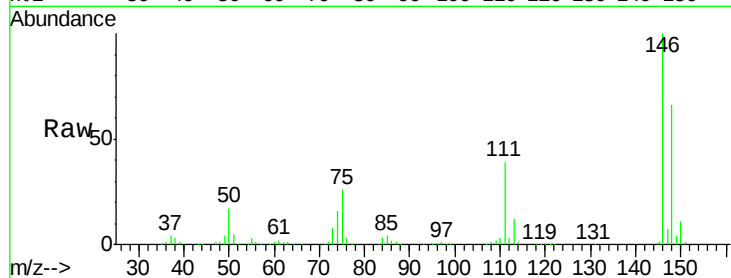




#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

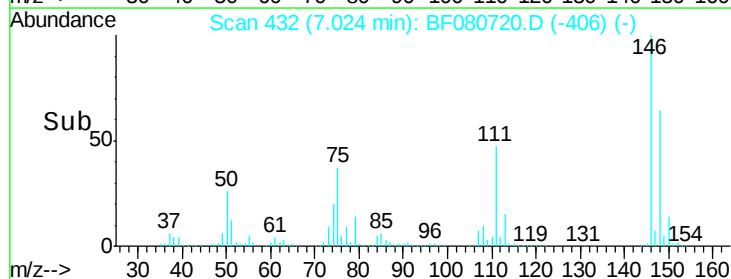
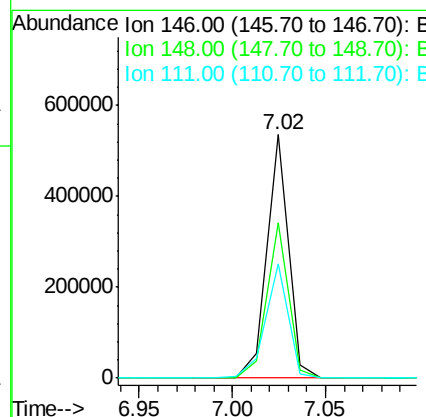
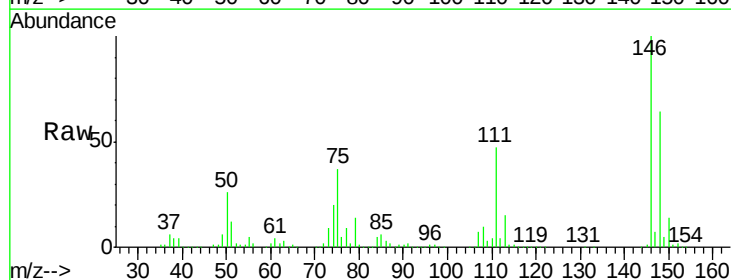
Instrument :
 BNA_F
 ClientSampleID :
 PB84701BS

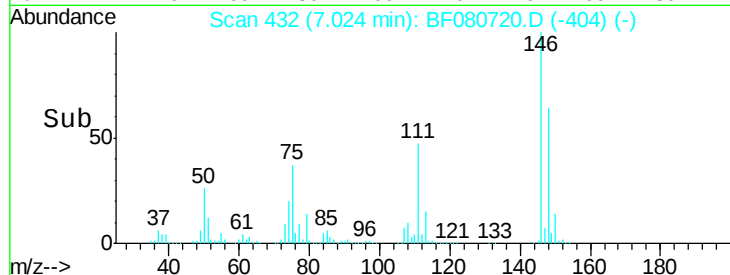
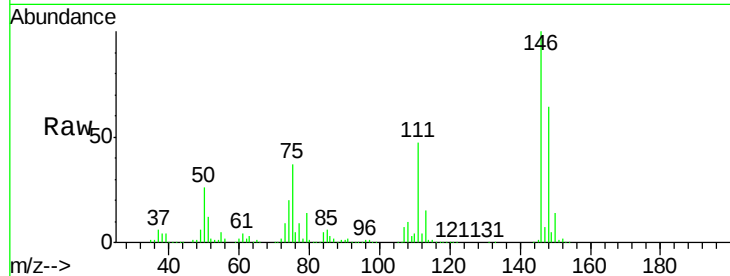
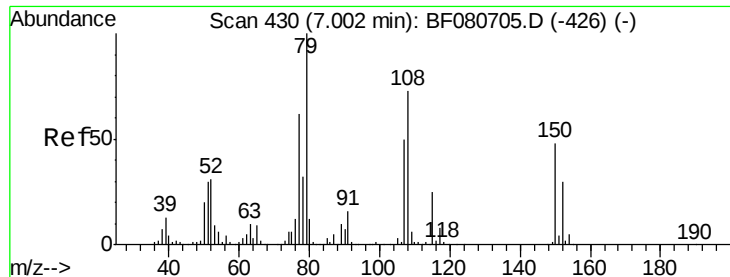
Tgt Ion:146 Resp: 439198
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.4 77.2
 111 38.6 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 38.57 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion:146 Resp: 425856
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.2 73.8
 111 47.1 41.0 61.4





#15

Benzyl Alcohol

Concen: 17.63 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.02 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

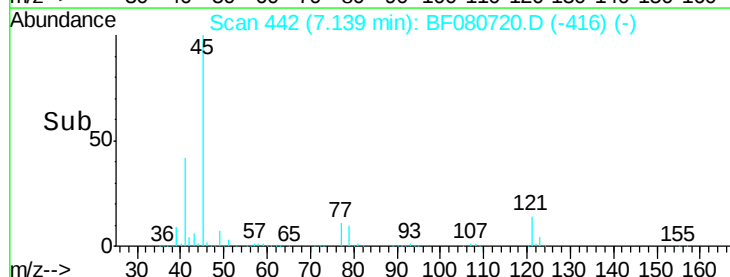
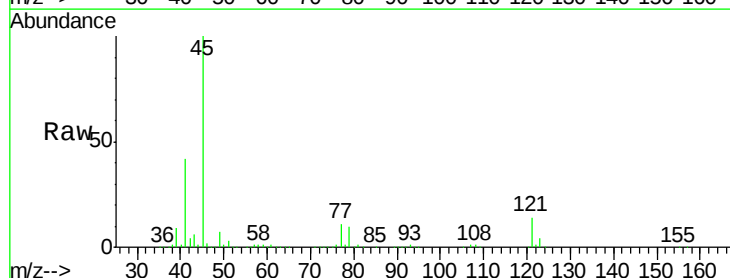
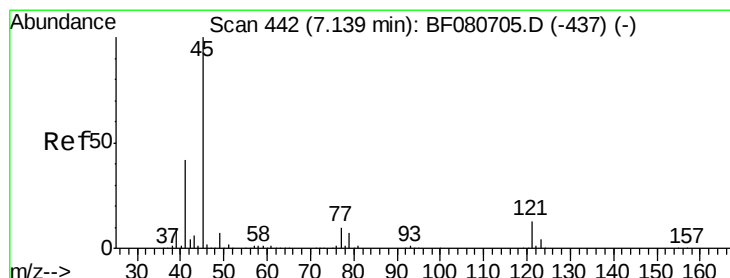
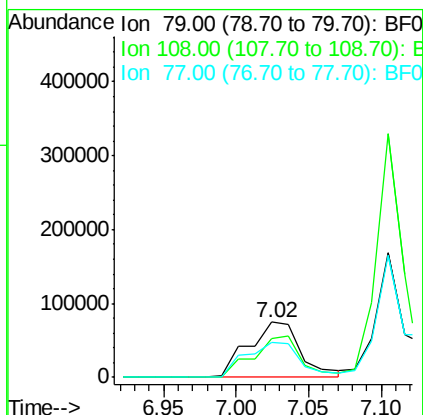
Tgt Ion: 79 Resp: 189077

Ion Ratio Lower Upper

79 100

108 69.7 58.7 88.1

77 64.4 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.10 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

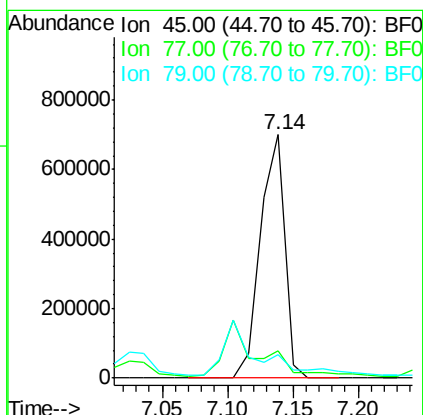
Tgt Ion: 45 Resp: 914867

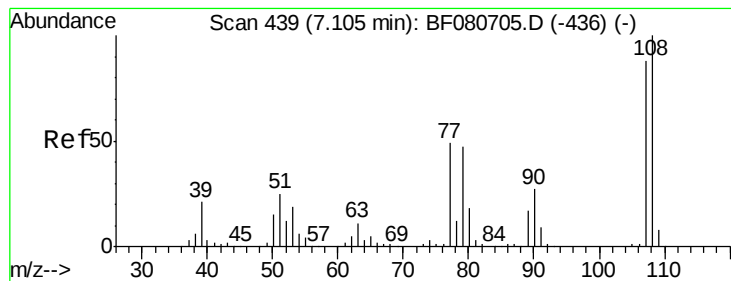
Ion Ratio Lower Upper

45 100

77 11.4 0.0 29.9

79 9.8 0.0 27.4





#17

2-Methylphenol

Concen: 39.73 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

Tgt Ion:107 Resp: 346855

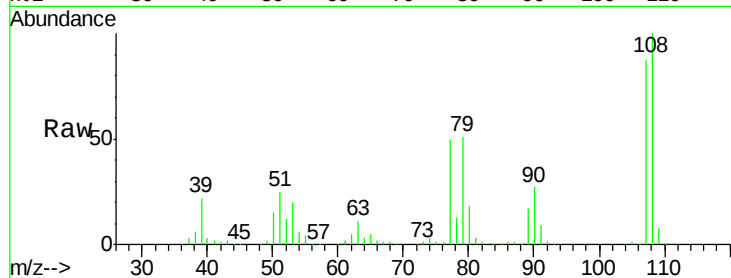
Ion Ratio Lower Upper

107 100

108 115.2 90.8 136.2

77 57.8 44.6 67.0

79 58.7 42.9 64.3

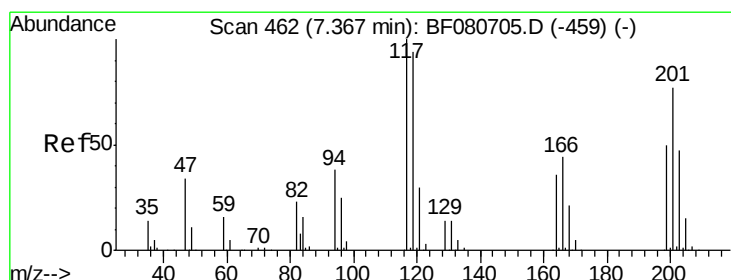
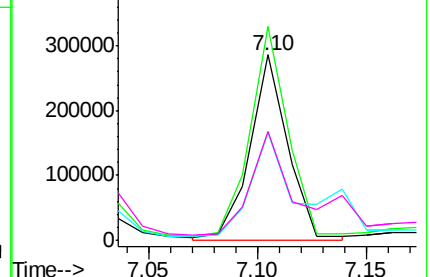
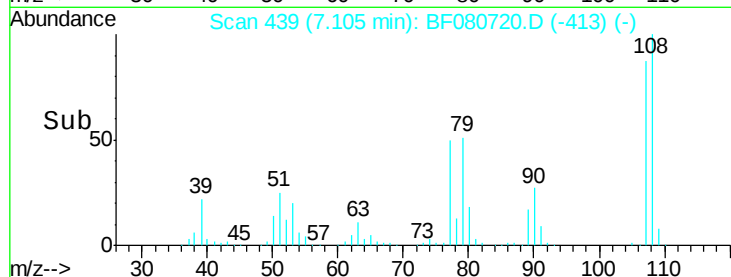


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.40 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

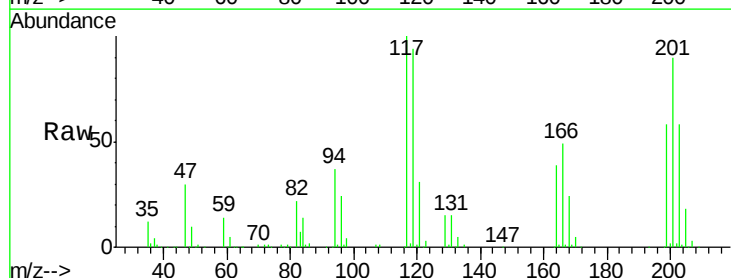
Tgt Ion:117 Resp: 168586

Ion Ratio Lower Upper

117 100

119 94.5 74.9 112.3

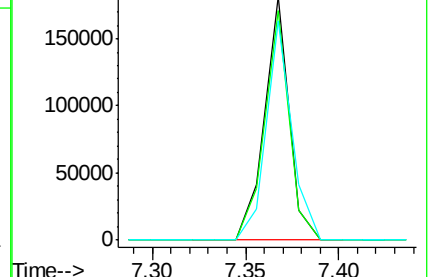
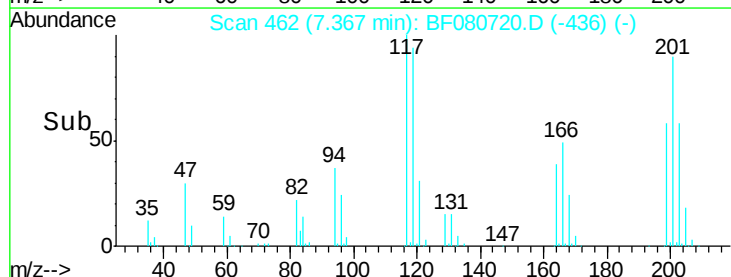
201 90.2 61.5 92.3

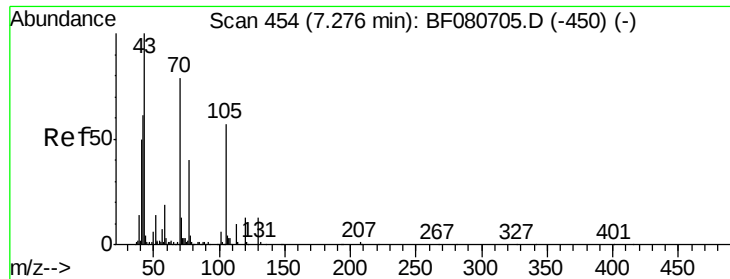


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

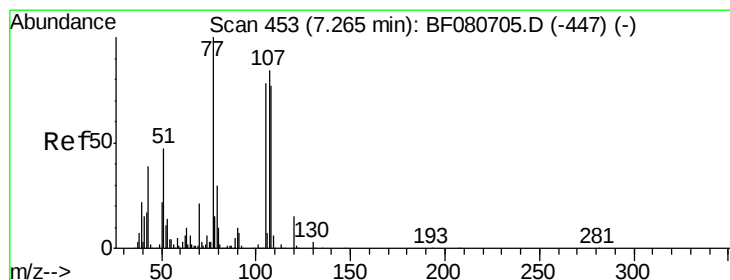
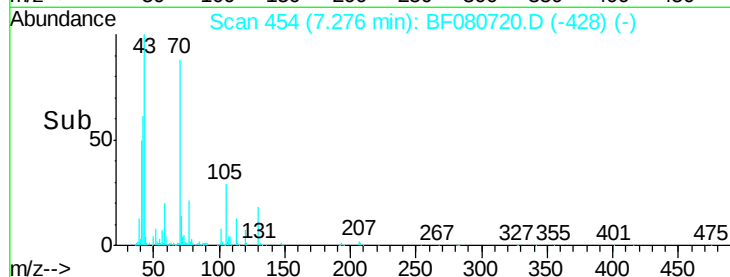
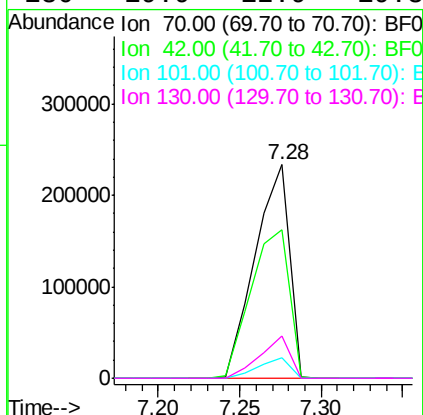
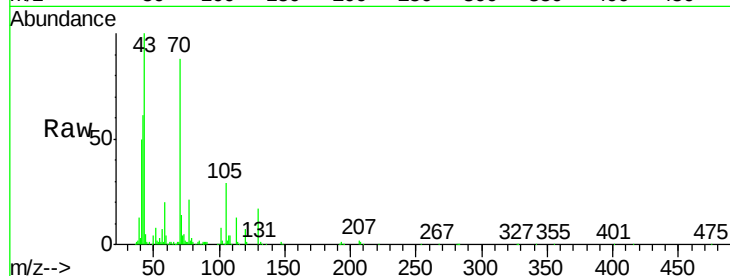




#19
 n-Nitroso-di-n-propylamine
 Concen: 39.30 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

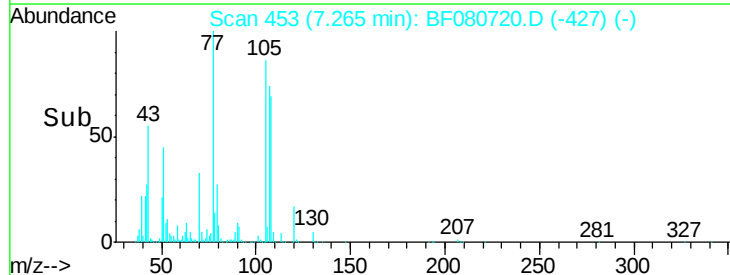
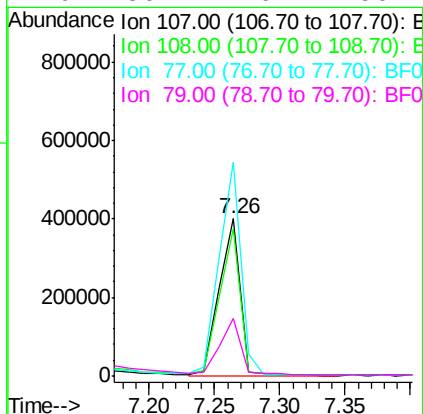
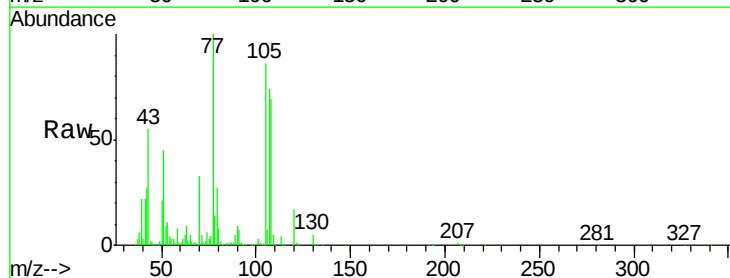
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

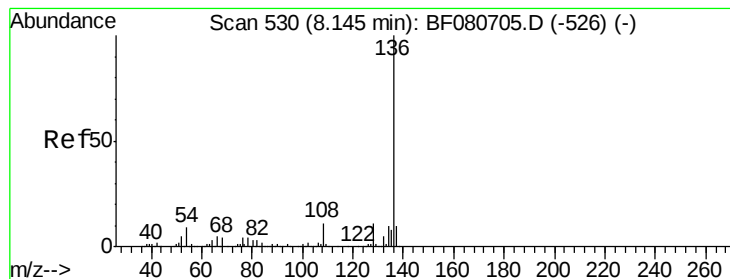
Tgt Ion:	70	Resp:	341875
Ion	Ratio	Lower	Upper
70	100		
42	69.4	61.8	92.6
101	9.5	6.1	9.1#
130	19.9	12.9	19.3#



#20
 3+4-Methylphenols
 Concen: 41.68 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion:	107	Resp:	448897
Ion	Ratio	Lower	Upper
107	100		
108	94.0	71.8	111.8
77	135.9	99.8	139.8
79	36.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

Tgt Ion:136 Resp: 624838

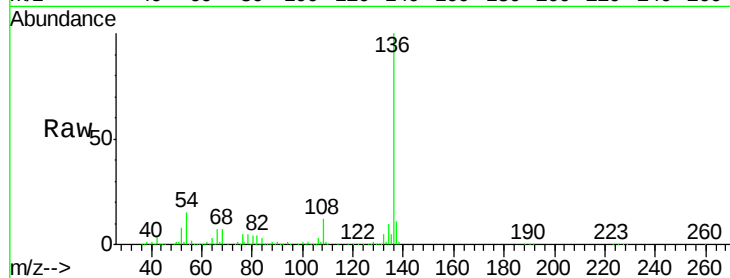
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 14.8 6.9 10.3#

68 6.6 3.5 5.3#

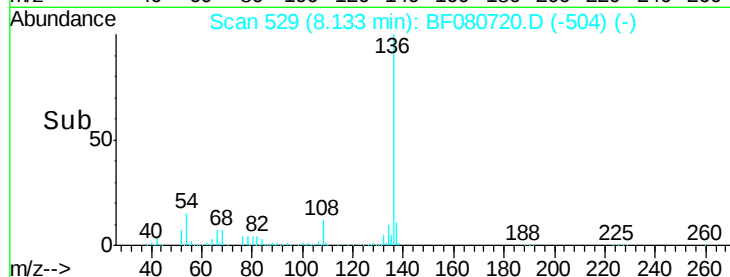


Abundance Ion 136.00 (135.70 to 136.70): E

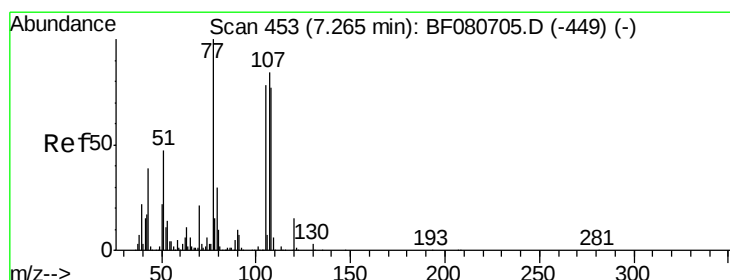
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.48 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Tgt Ion:105 Resp: 550272

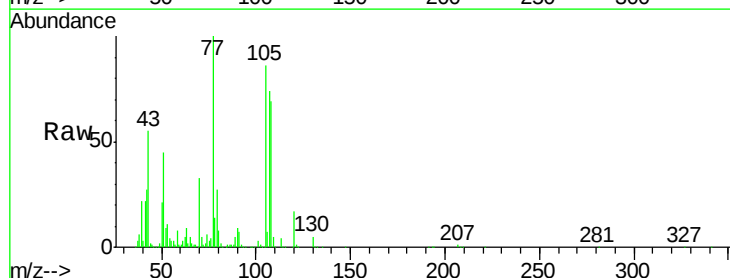
Ion Ratio Lower Upper

105 100

71 6.3 3.4 5.0#

51 52.9 47.9 71.9

120 19.6 15.0 22.6

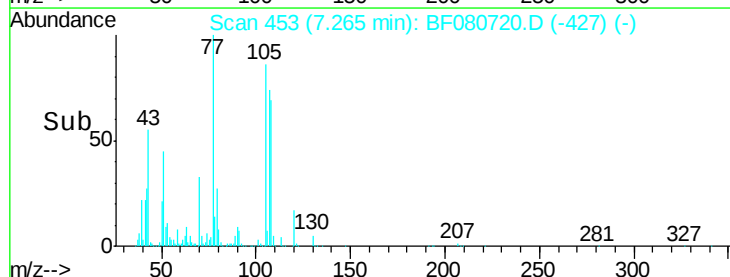


Abundance Ion 105.00 (104.70 to 105.70): E

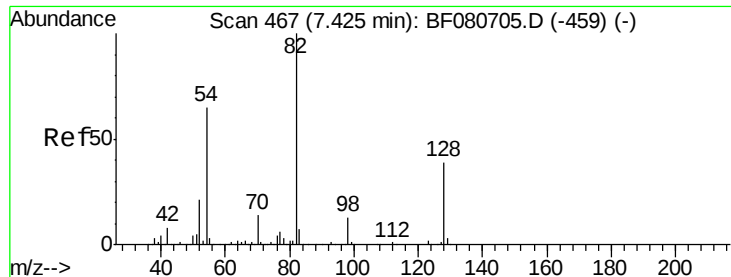
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



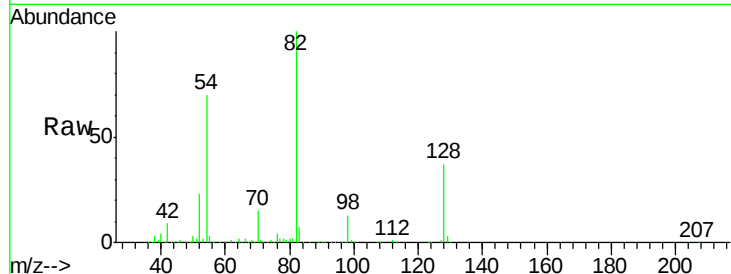
Time-->



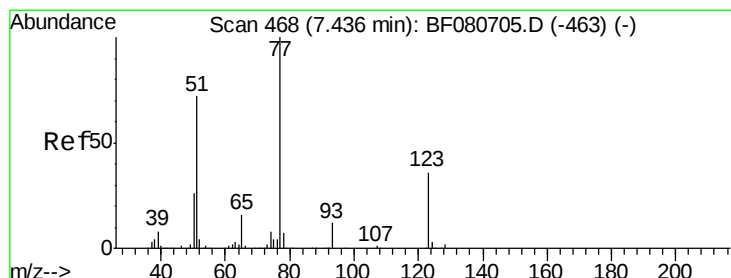
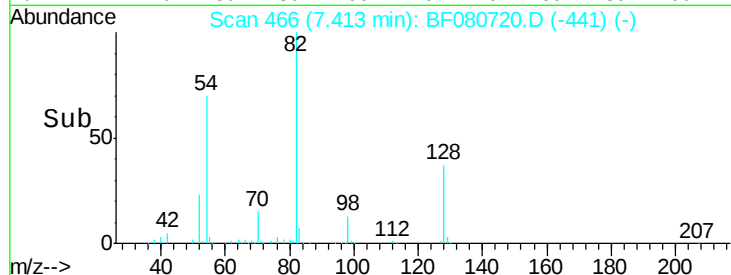
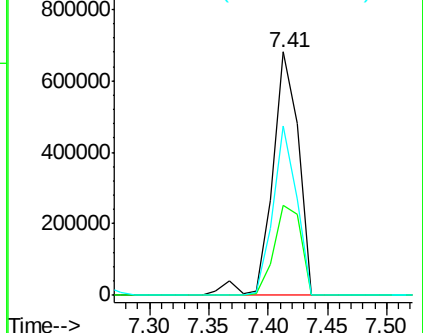
#23
 Nitrobenzene-d5
 Concen: 79.56 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion: 82 Resp: 1026606
 Ion Ratio Lower Upper
 82 100
 128 37.2 31.5 47.3
 54 69.7 51.8 77.8

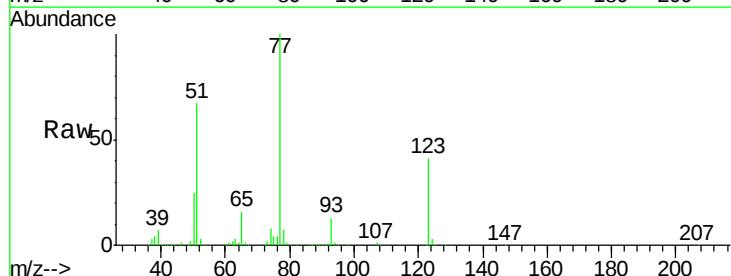


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

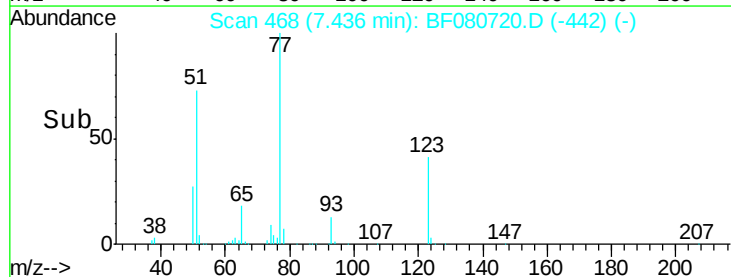
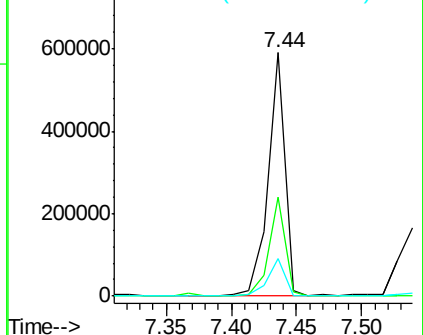


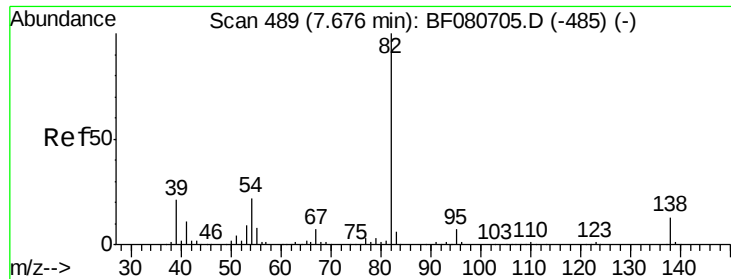
#24
 Nitrobenzene
 Concen: 40.95 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion: 77 Resp: 529334
 Ion Ratio Lower Upper
 77 100
 123 40.8 28.9 43.3
 65 15.6 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: 38.06 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

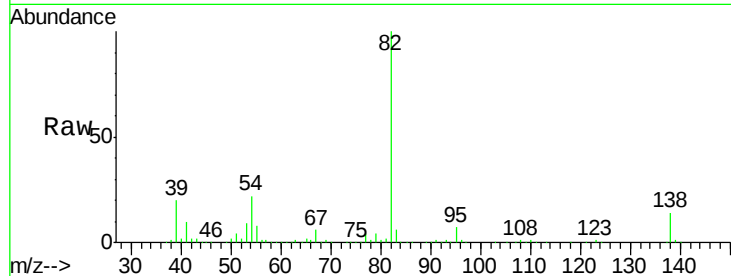
Tgt Ion: 82 Resp: 873269

Ion Ratio Lower Upper

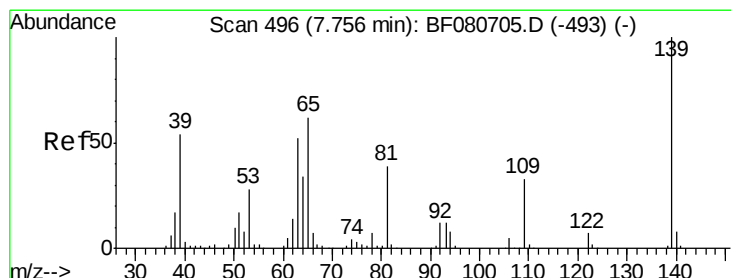
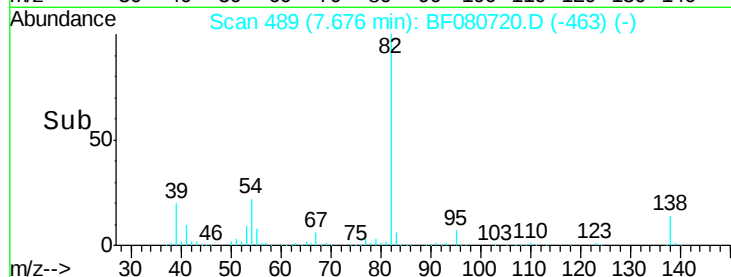
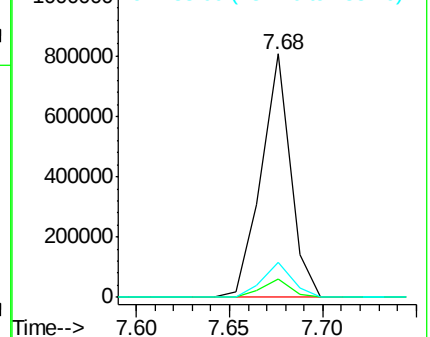
82 100

95 7.4 5.8 8.6

138 14.4 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



#26

2-Nitrophenol

Concen: 41.68 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

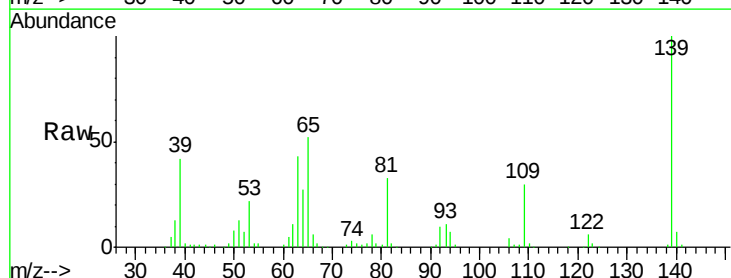
Tgt Ion: 139 Resp: 218736

Ion Ratio Lower Upper

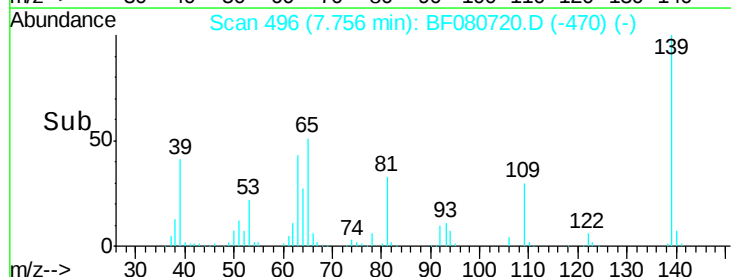
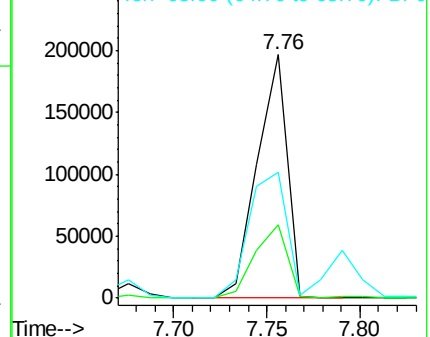
139 100

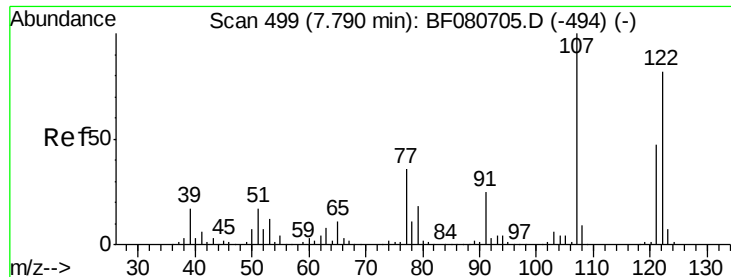
109 30.1 26.5 39.7

65 51.6 49.8 74.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

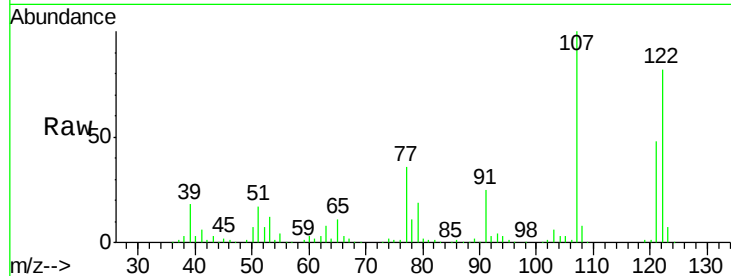




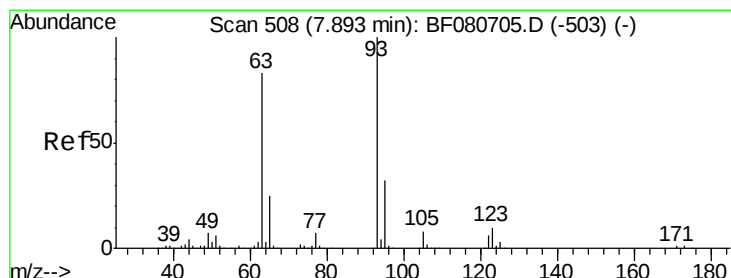
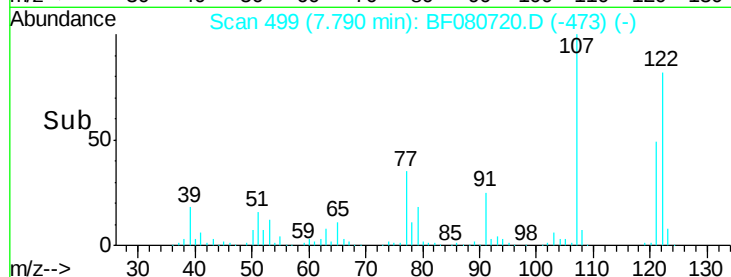
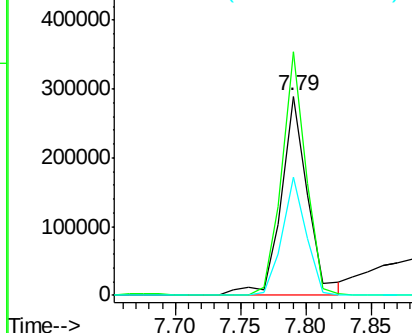
#27
 2,4-Dimethylphenol
 Concen: 42.04 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion: 122 Resp: 414381
 Ion Ratio Lower Upper
 122 100
 107 122.1 98.1 147.1
 121 59.0 45.8 68.8

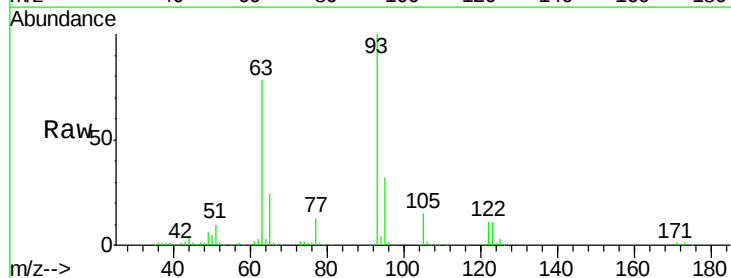


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

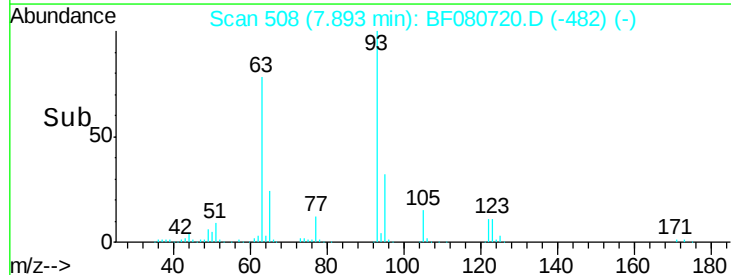
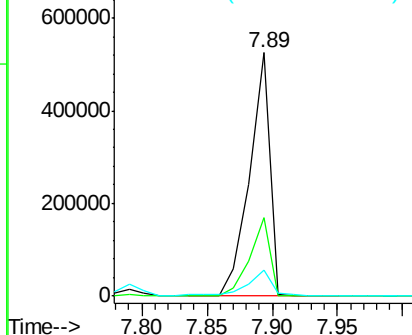


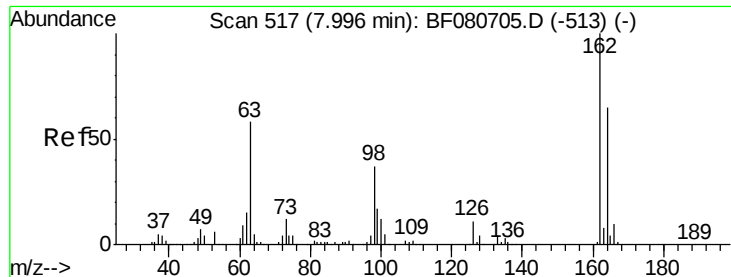
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.87 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion: 93 Resp: 569147
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 10.9 8.2 12.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

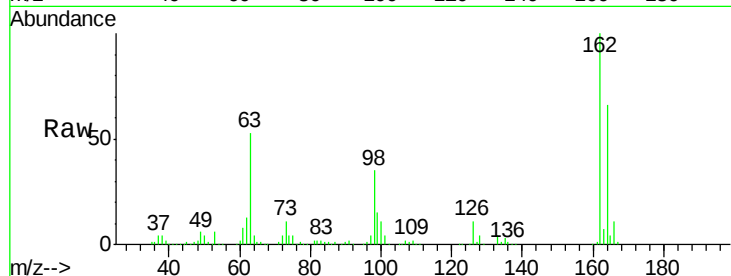




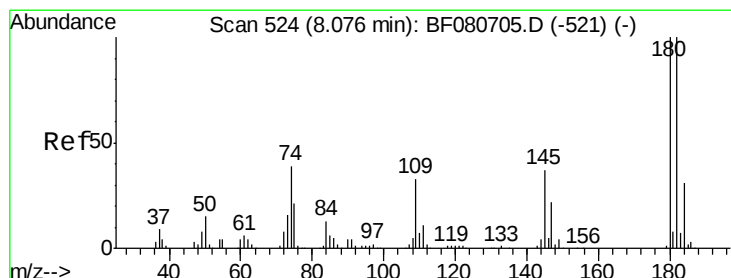
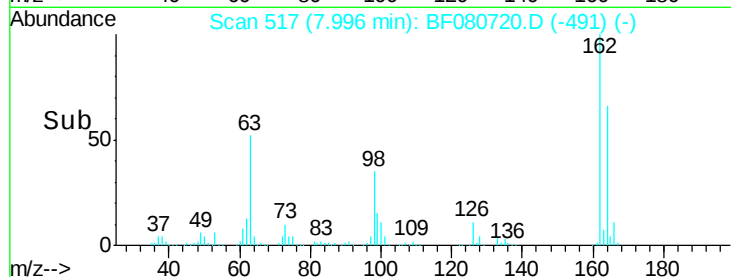
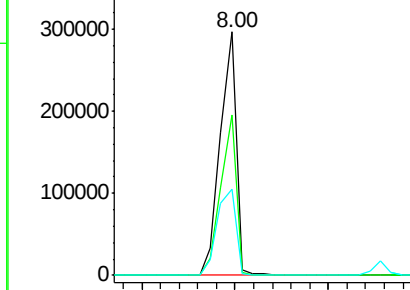
#29
 2,4-Dichlorophenol
 Concen: 40.39 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.1	85.1
98	35.2	17.0	57.0

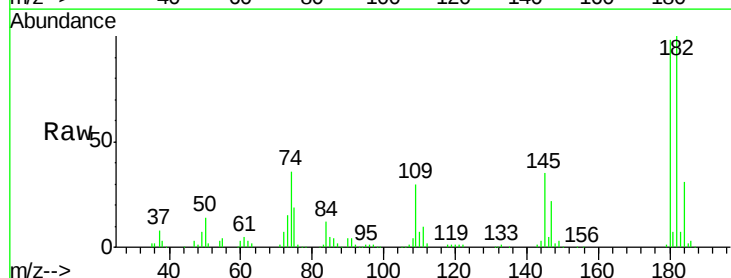


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

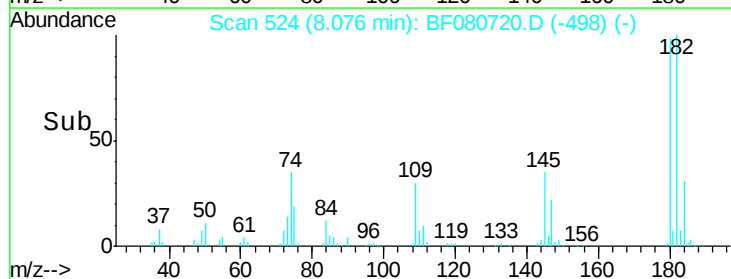
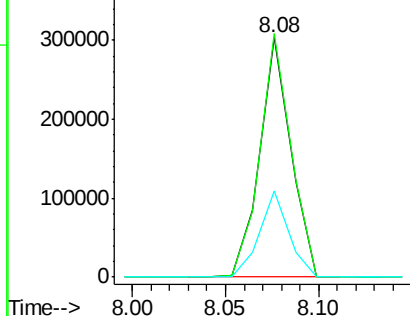


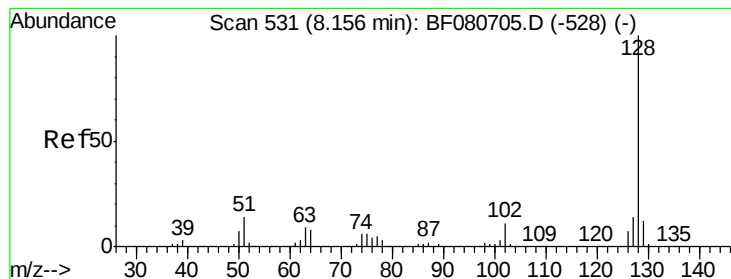
#30
 1,2,4-Trichlorobenzene
 Concen: 36.55 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	79.8	119.8
145	35.9	29.8	44.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.43 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

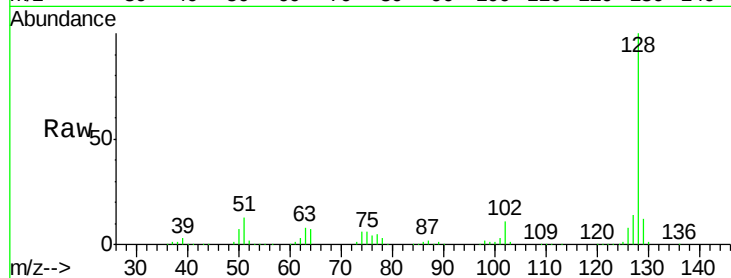
Tgt Ion:128 Resp: 1105104

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

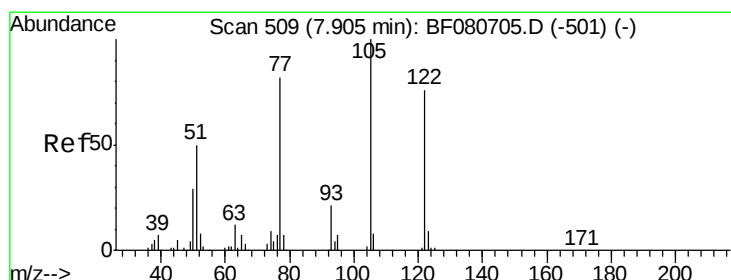
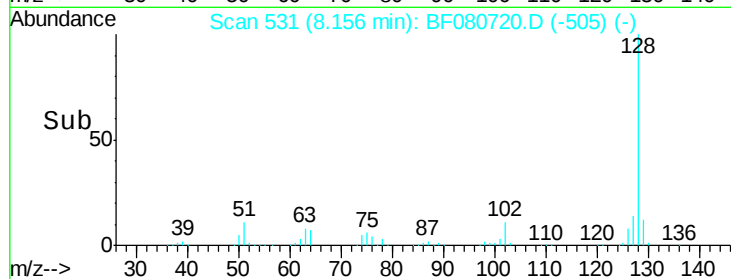
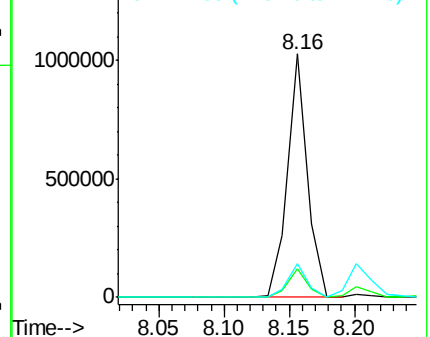
127 13.6 11.0 16.6



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: 38.83 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

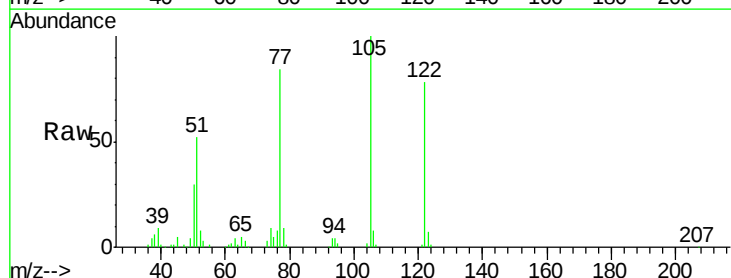
Tgt Ion:122 Resp: 267995

Ion Ratio Lower Upper

122 100

105 128.7 111.3 151.3

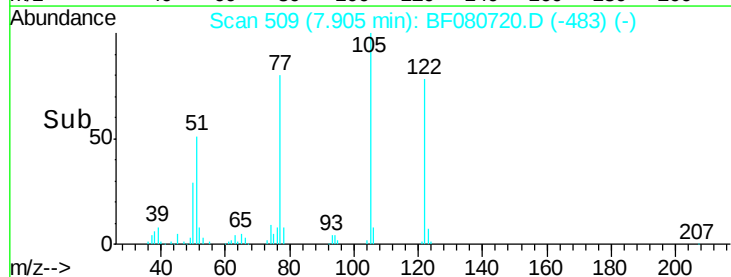
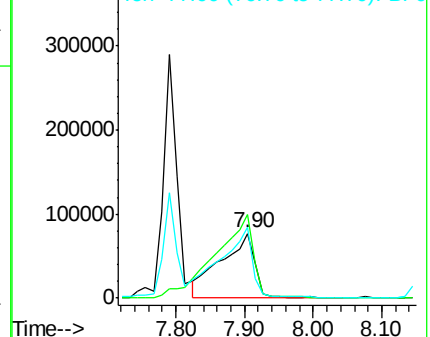
77 108.4 88.1 128.1

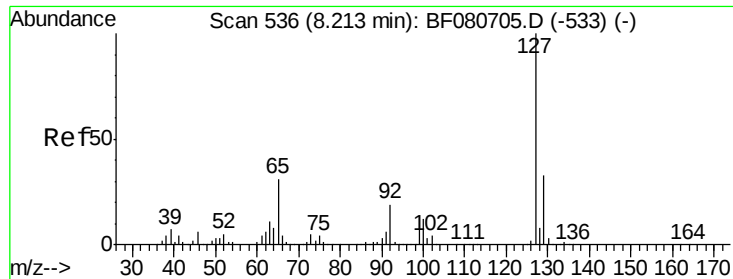


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

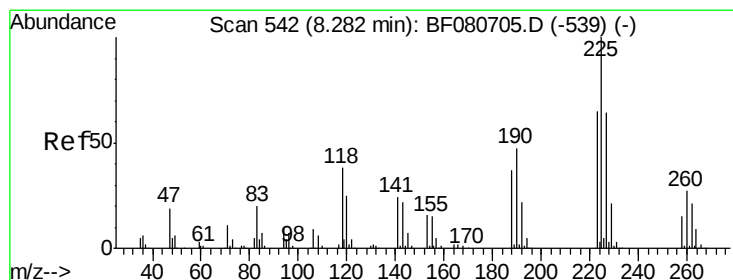
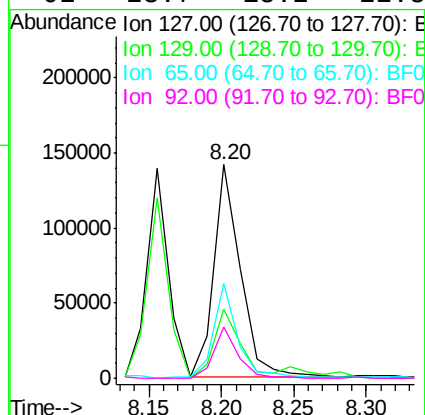
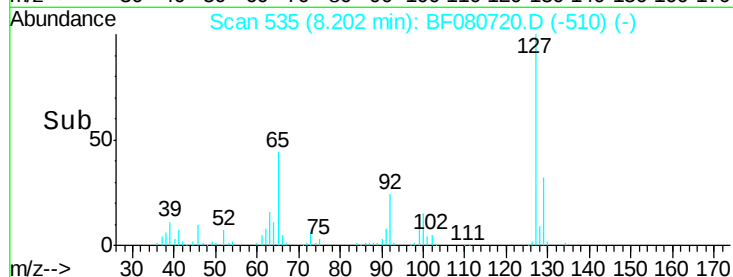
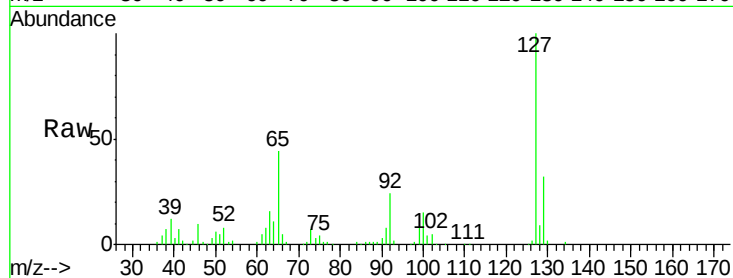




#33
4-Chloroaniline
Concen: 13.75 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

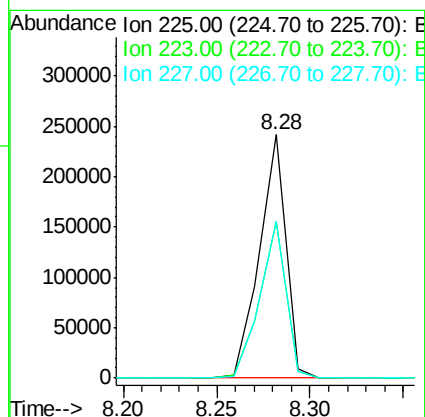
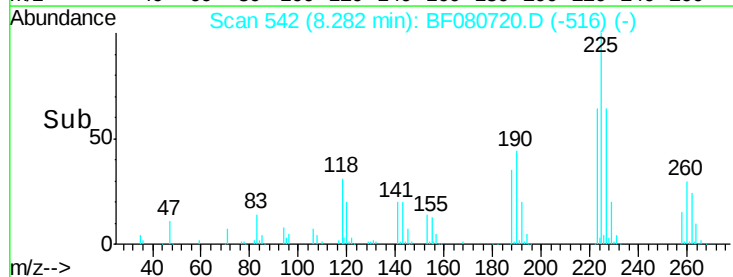
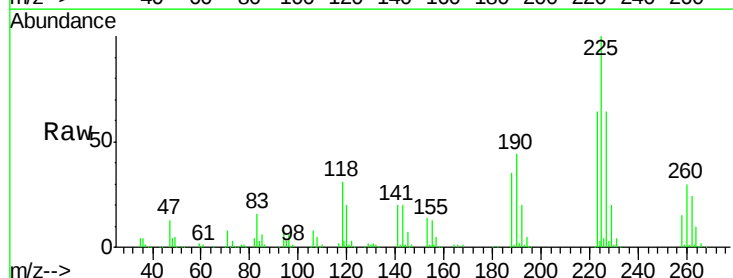
Instrument :
BNA_F
ClientSampleId :
PB84701BS

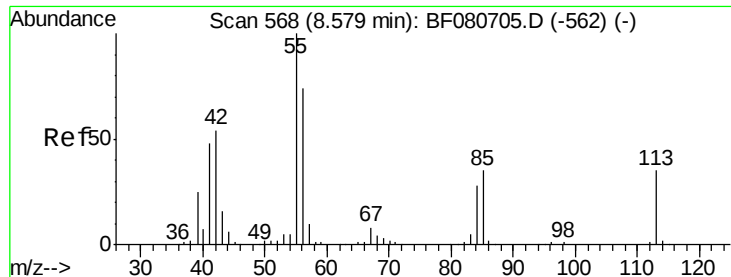
Tgt Ion:	127	Resp:	180925
Ion Ratio		Lower	Upper
127	100		
129	32.4	26.7	40.1
65	44.1	24.5	36.7
92	23.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.36 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion:	225	Resp:	236672
Ion Ratio		Lower	Upper
225	100		
223	64.3	51.7	77.5
227	64.2	51.0	76.4

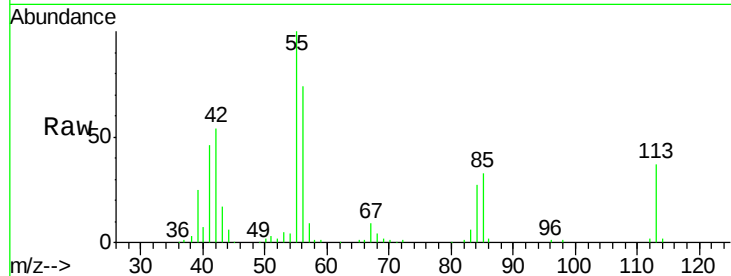




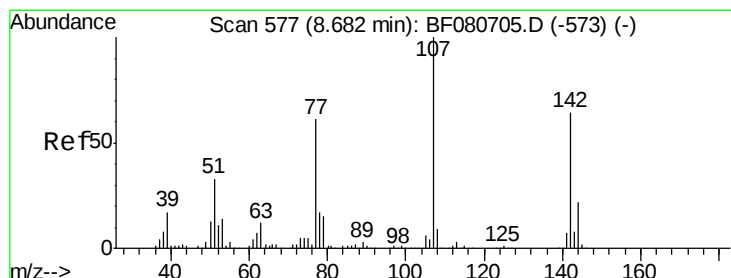
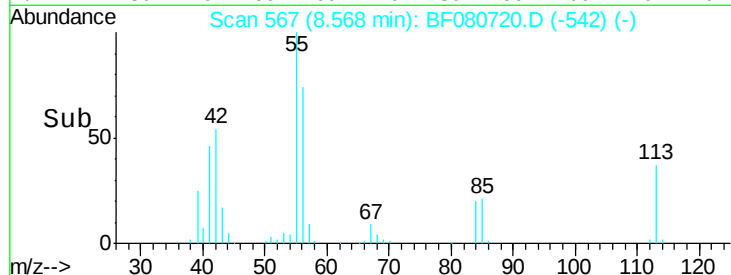
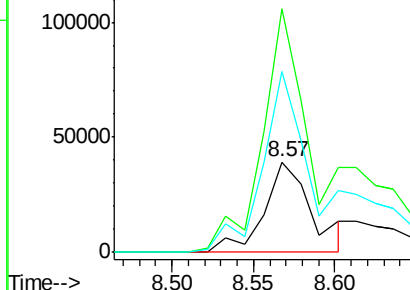
#35
 Caprolactam
 Concen: 30.43 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion:113 Resp: 79841
 Ion Ratio Lower Upper
 113 100
 55 269.3 269.3 309.3
 56 200.3 193.3 233.3

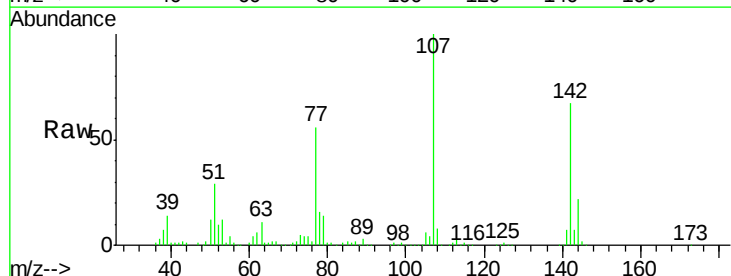


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

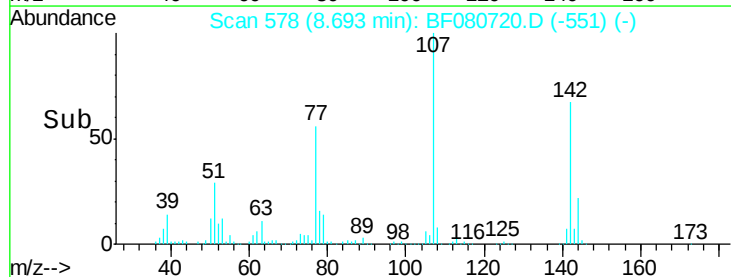
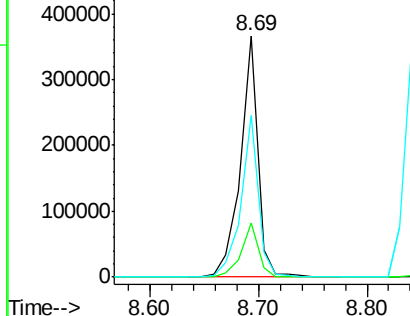


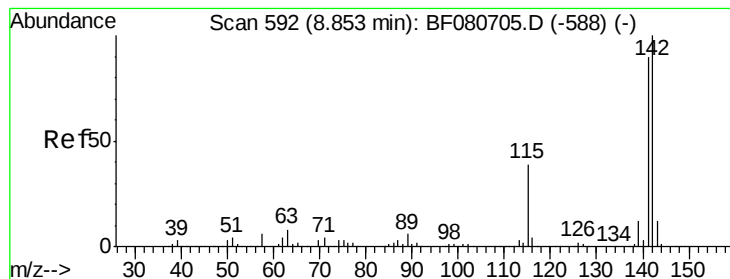
#36
 4-Chloro-3-methylphenol
 Concen: 42.85 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion:107 Resp: 404849
 Ion Ratio Lower Upper
 107 100
 144 22.3 17.2 25.8
 142 67.1 51.2 76.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.48 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

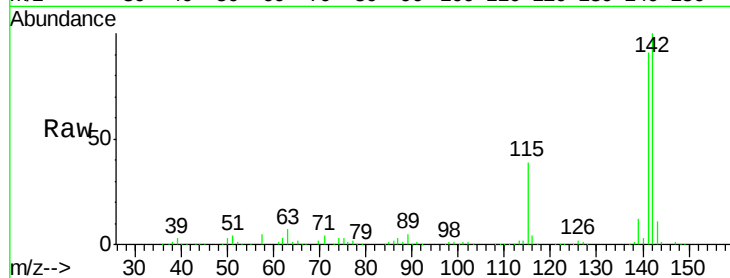
Tgt Ion:142 Resp: 792489

Ion Ratio Lower Upper

142 100

141 90.7 71.9 107.9

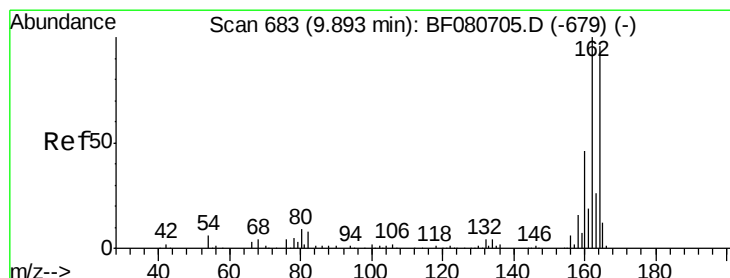
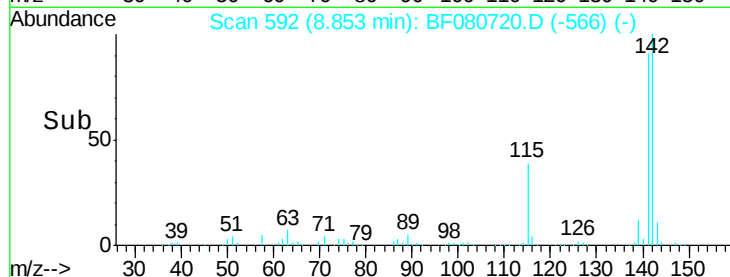
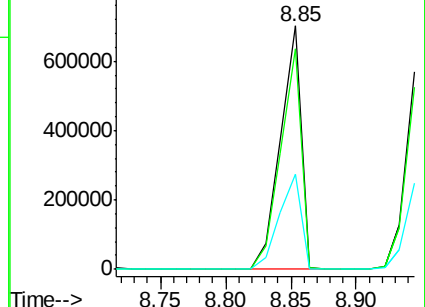
115 39.0 31.4 47.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

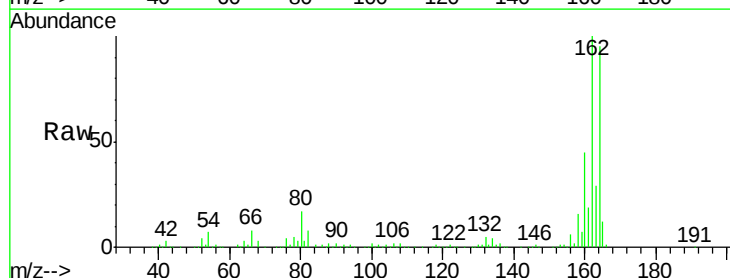
Tgt Ion:164 Resp: 329016

Ion Ratio Lower Upper

164 100

162 105.4 83.4 125.0

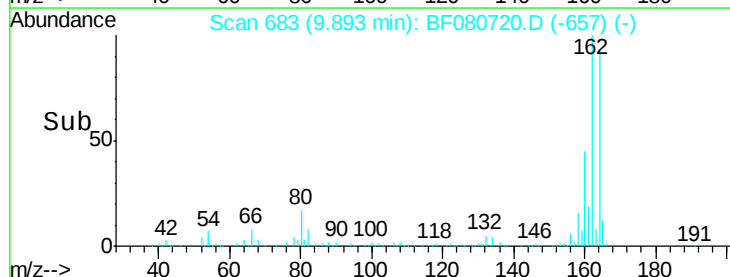
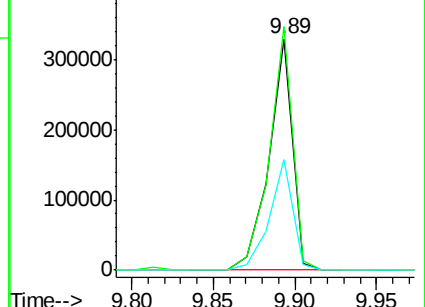
160 47.8 38.0 57.0

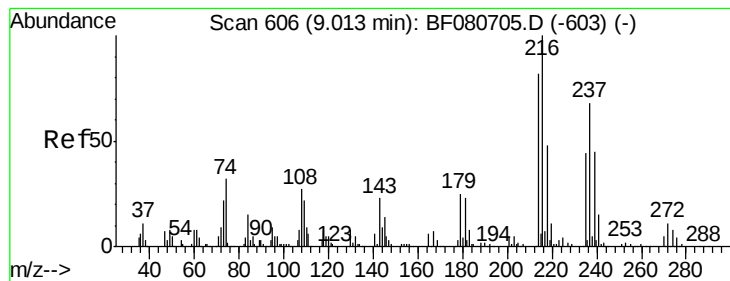


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.72 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

Tgt Ion:216 Resp: 317412

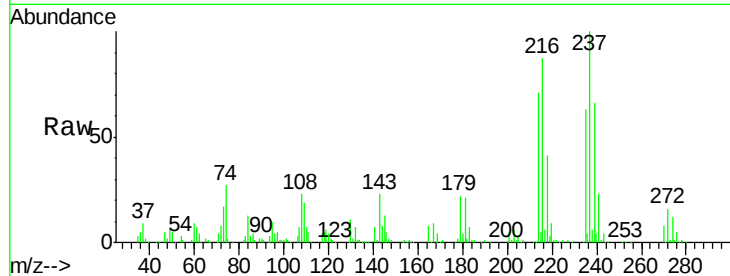
Ion Ratio Lower Upper

216 100

214 80.0 63.1 94.7

179 22.0 16.9 25.3

108 24.3 17.0 25.6

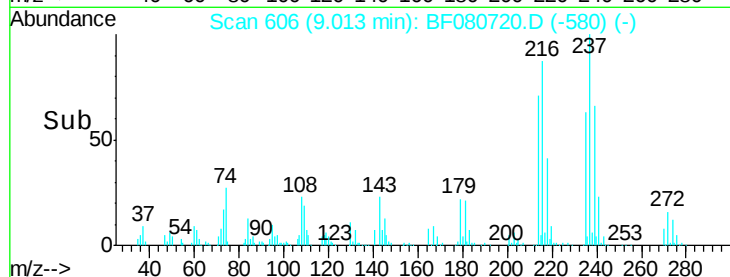


Abundance Ion 216.00 (215.70 to 216.70): E

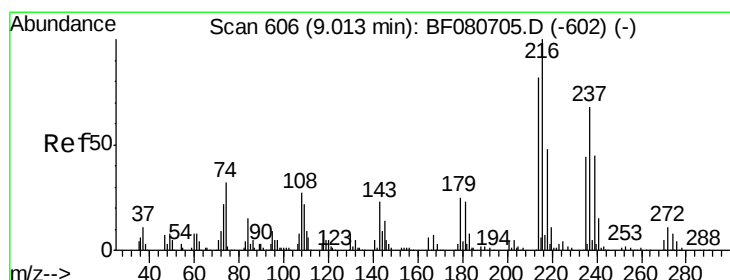
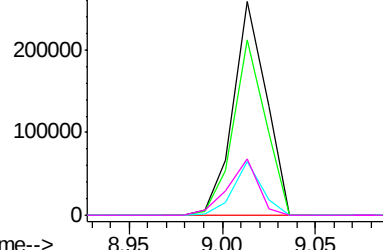
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.94 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

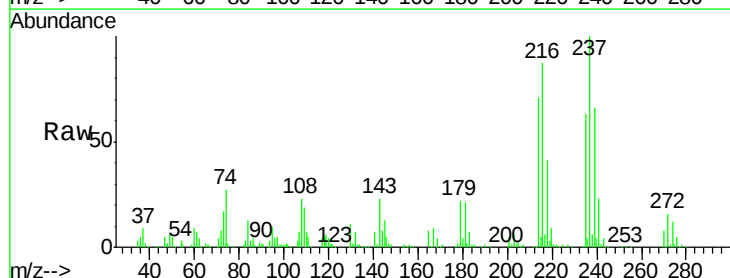
Tgt Ion:237 Resp: 463678

Ion Ratio Lower Upper

237 100

235 63.0 44.3 84.3

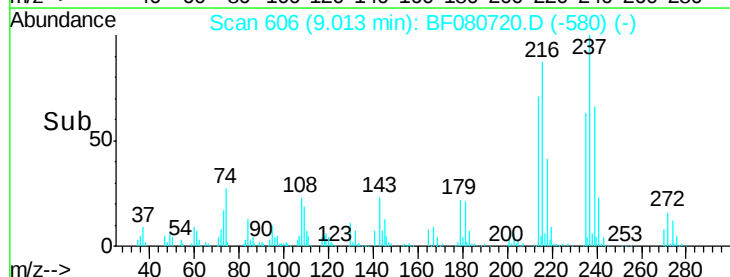
272 15.5 0.0 35.5



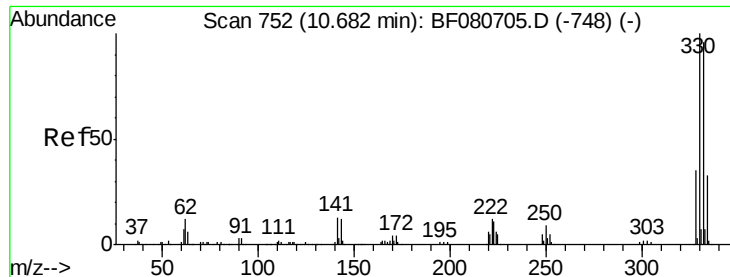
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



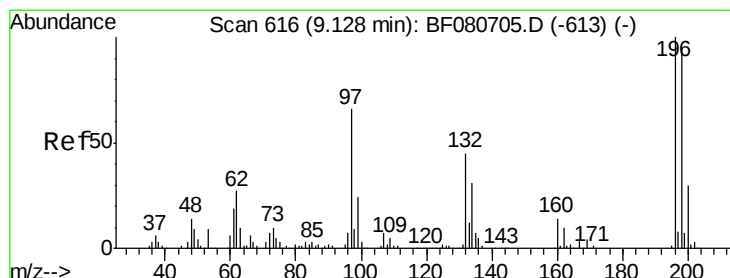
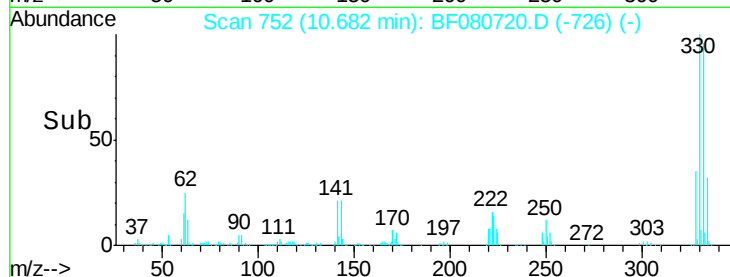
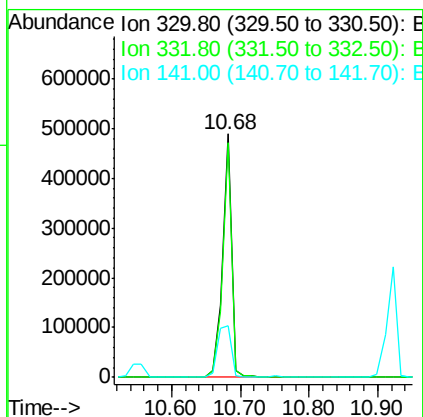
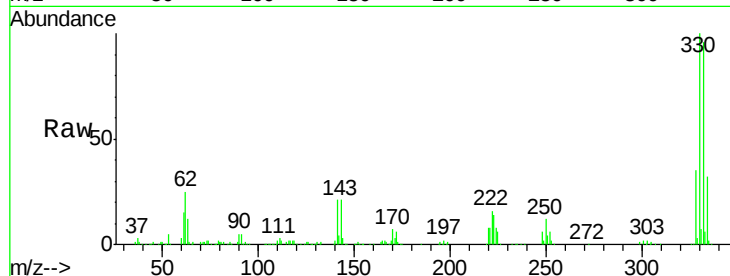
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 136.02 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

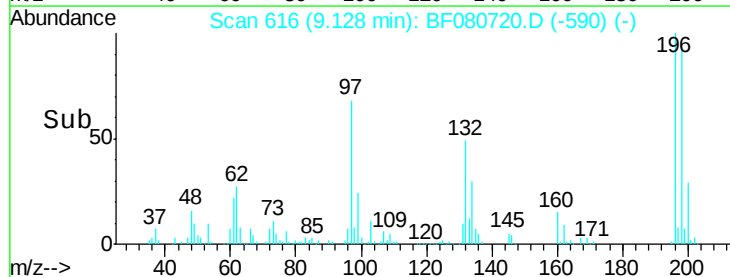
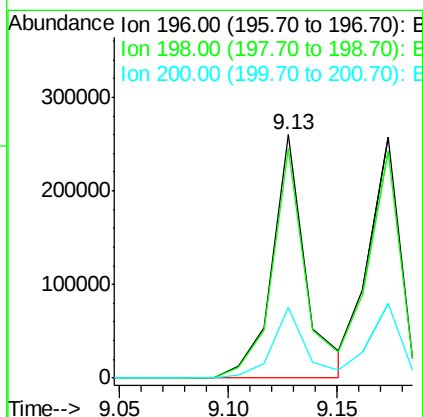
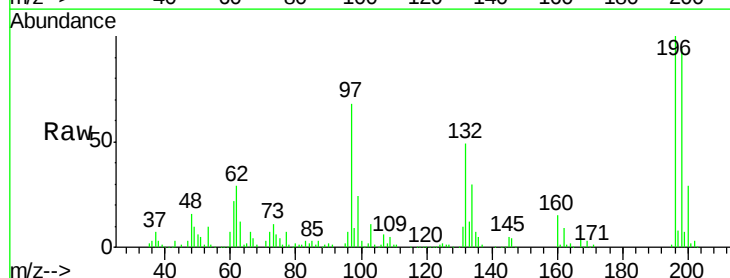
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

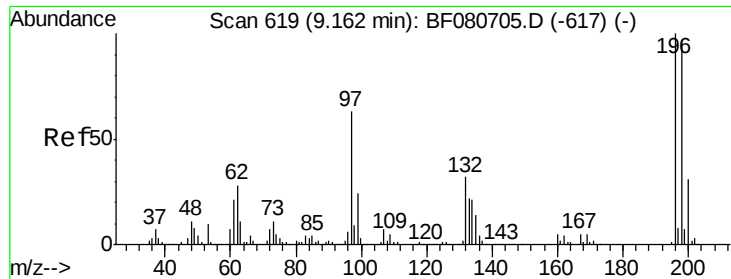
Tgt Ion:330 Resp: 464374
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.3 26.0 39.0



#42
 2,4,6-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion:196 Resp: 280736
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.8 113.8
 200 29.2 24.2 36.2

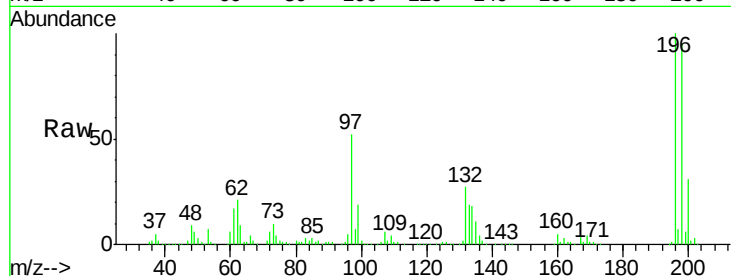




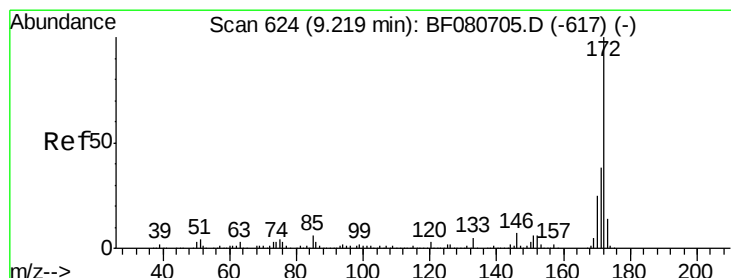
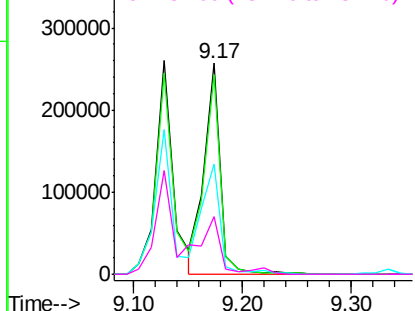
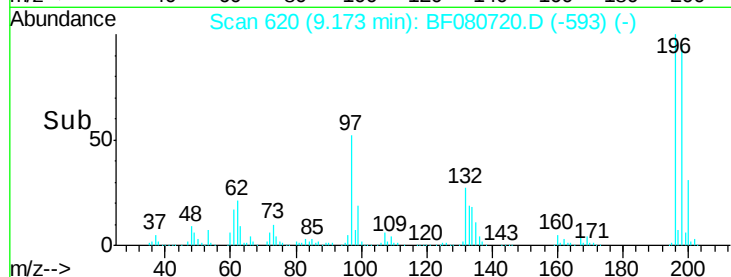
#43
 2,4,5-Trichlorophenol
 Concen: 37.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampled :
 PB84701BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.8	116.8
97	52.1	49.0	73.4
132	27.5	25.4	38.0

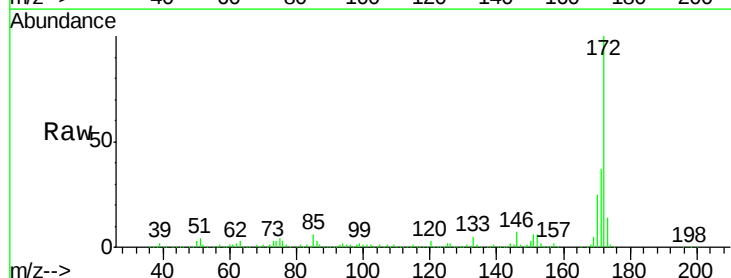


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

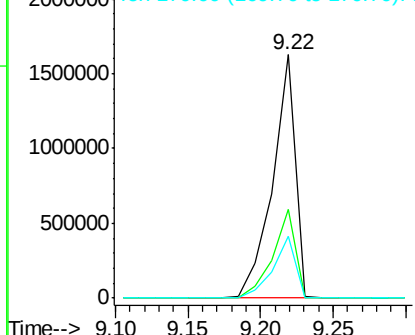
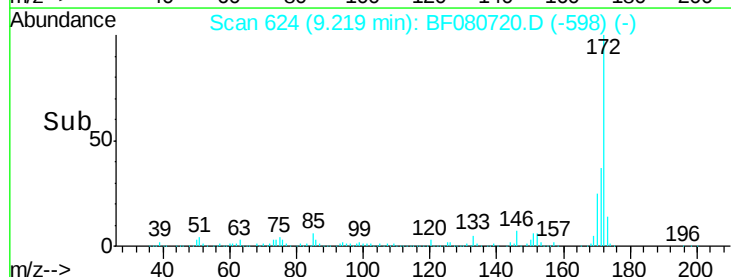


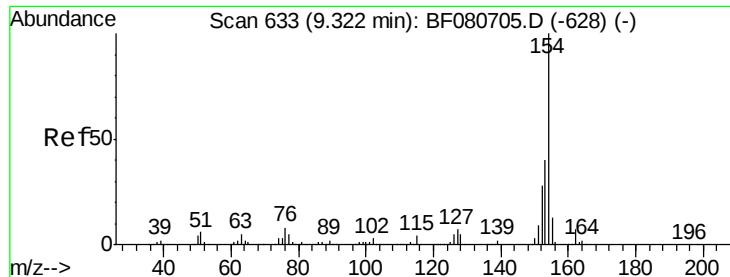
#44
 2-Fluorobiphenyl
 Concen: 80.19 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.2	45.4
170	25.3	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: 34.13 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

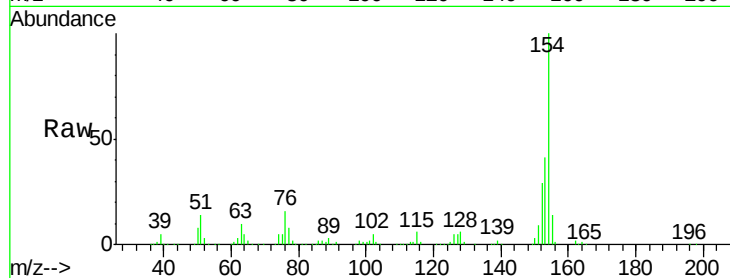
Tgt Ion:154 Resp: 860960

Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

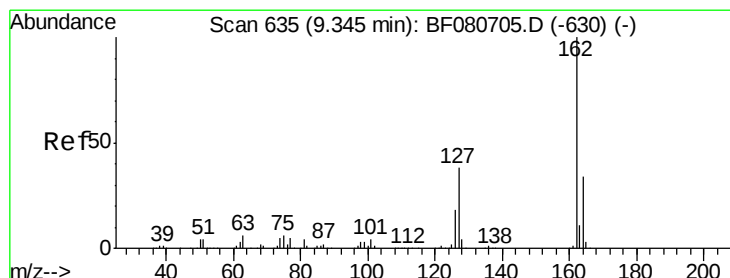
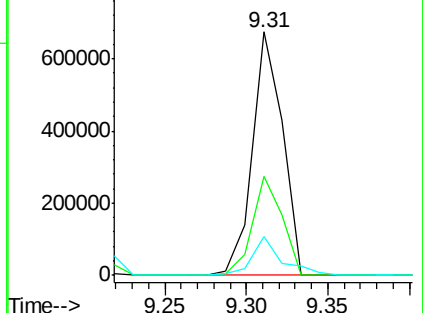
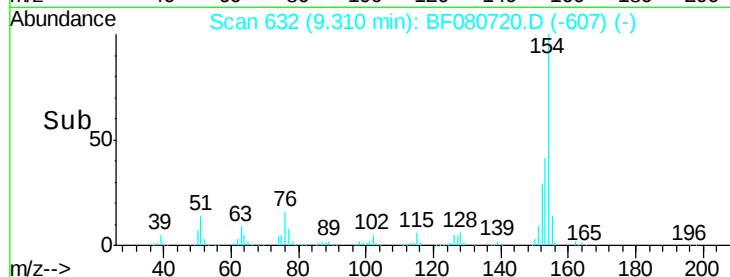
76 16.1 0.0 28.3



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



#46

2-Chloronaphthalene

Concen: 34.05 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

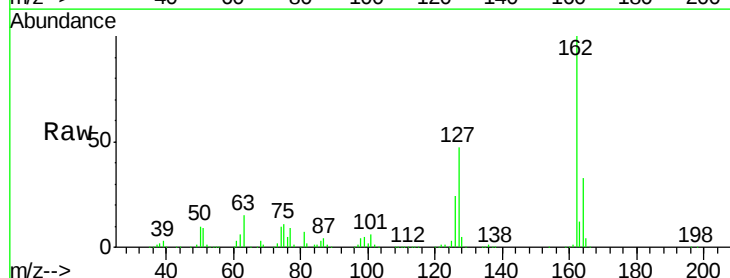
Tgt Ion:162 Resp: 701570

Ion Ratio Lower Upper

162 100

127 47.4 30.2 45.4#

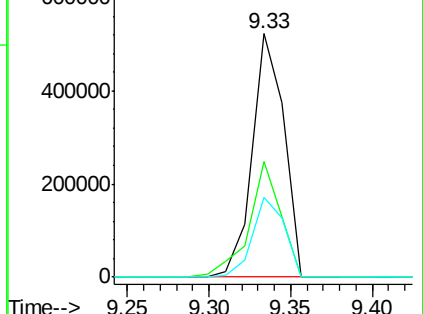
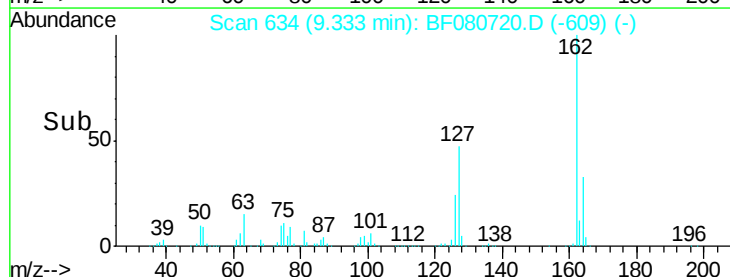
164 32.7 27.1 40.7

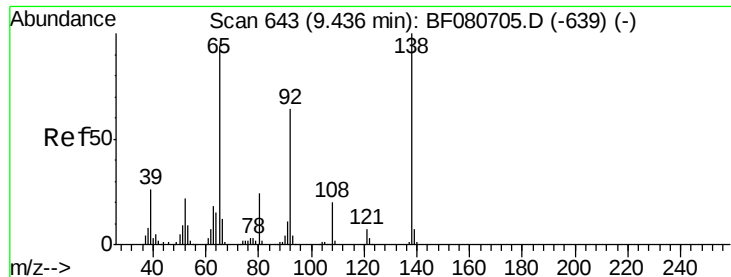


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

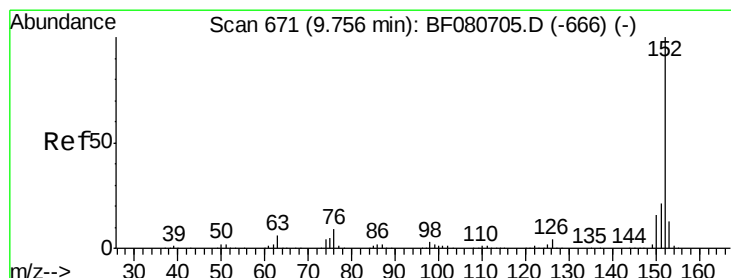
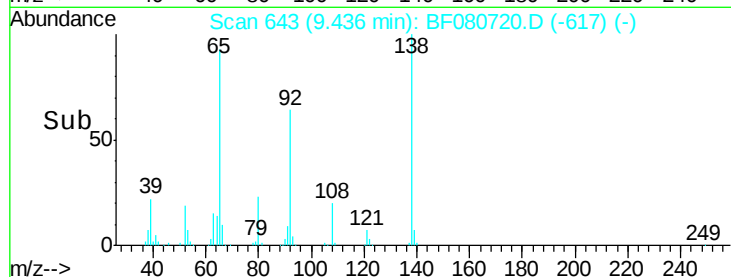
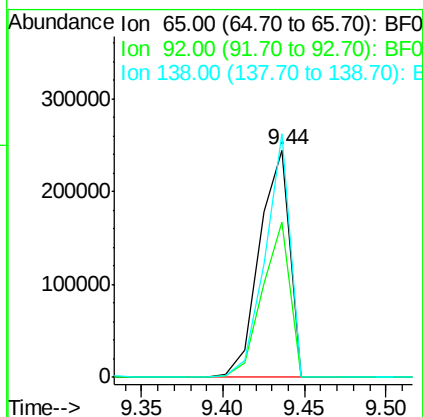
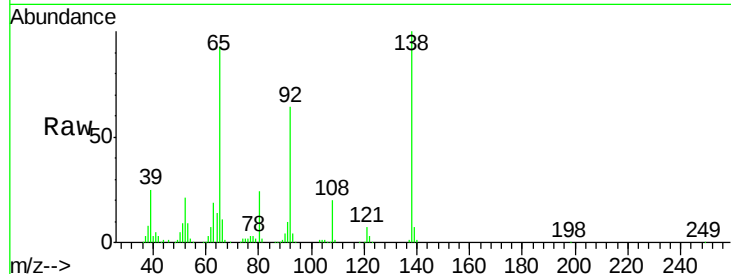




#47
2-Nitroaniline
Concen: 39.02 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

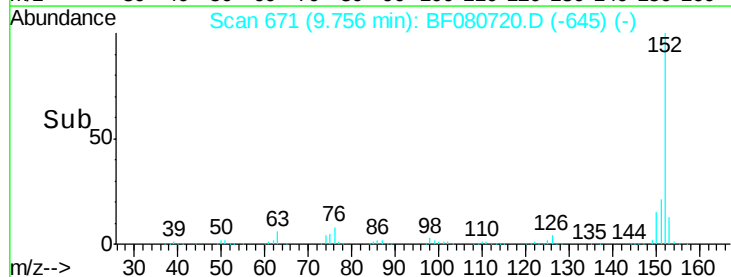
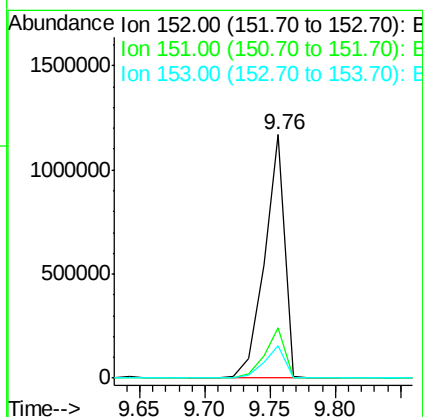
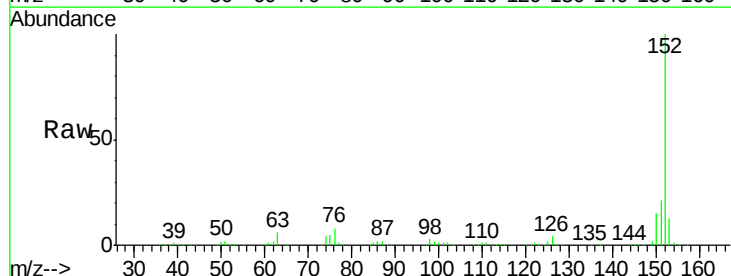
Instrument :
BNA_F
ClientSampleId :
PB84701BS

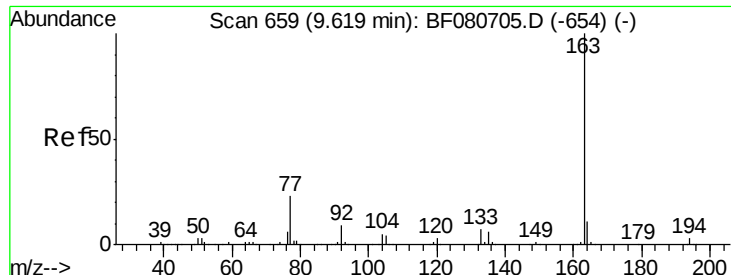
Tgt Ion: 65 Resp: 312871
Ion Ratio Lower Upper
65 100
92 68.0 54.9 82.3
138 107.0 85.1 127.7



#48
Acenaphthylene
Concen: 38.29 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion: 152 Resp: 1254489
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 39.97 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

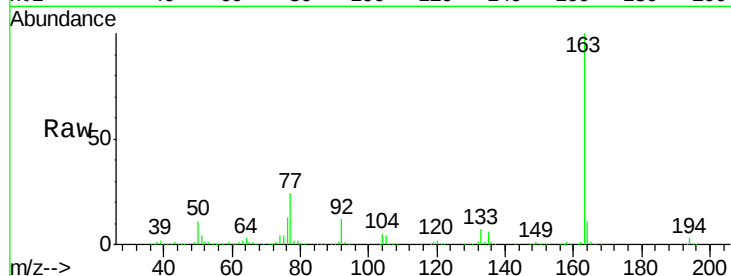
Tgt Ion:163 Resp: 926687

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

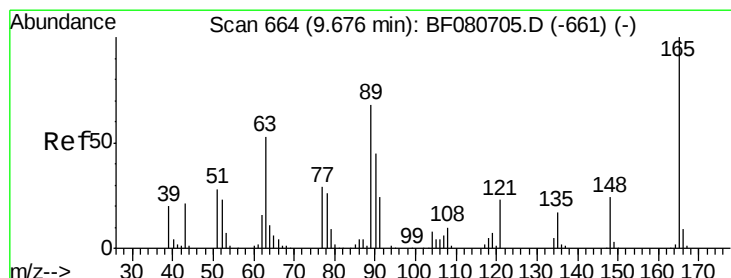
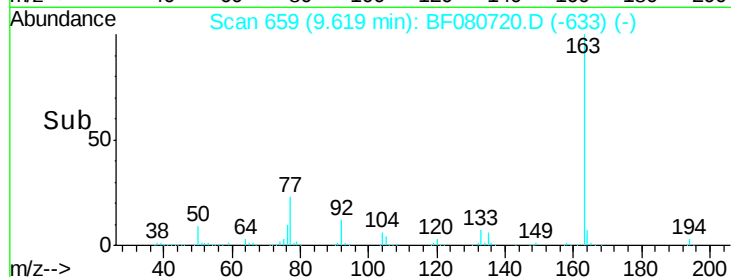
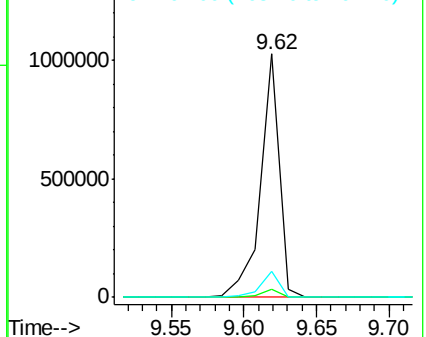
164 10.7 8.7 13.1



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: 40.98 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

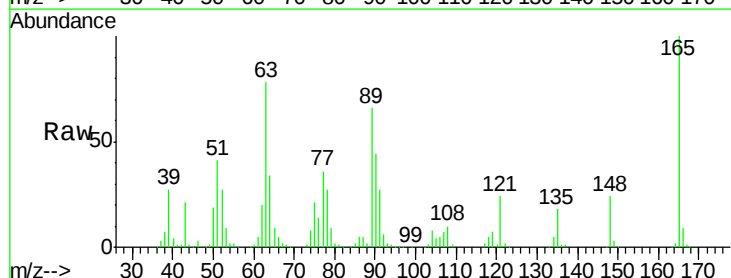
Tgt Ion:165 Resp: 201633

Ion Ratio Lower Upper

165 100

63 77.7 62.3 93.5

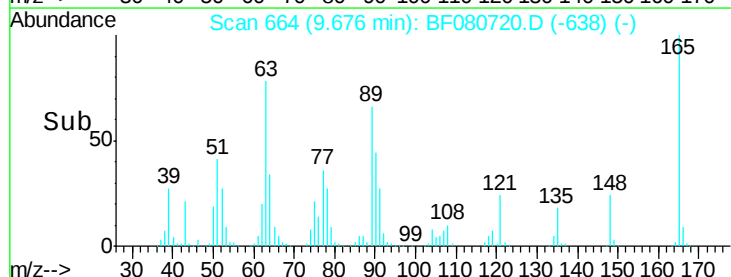
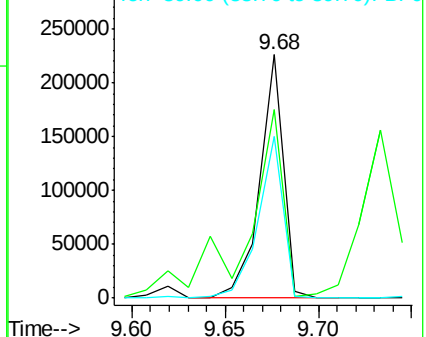
89 66.4 54.8 82.2

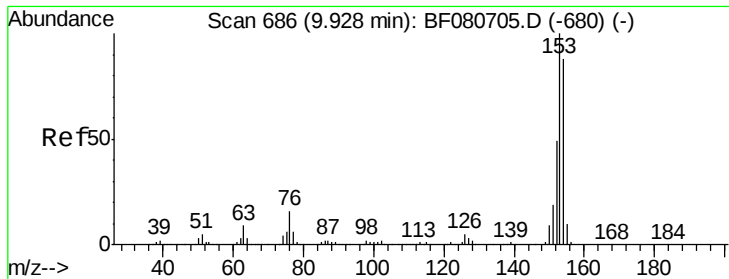


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

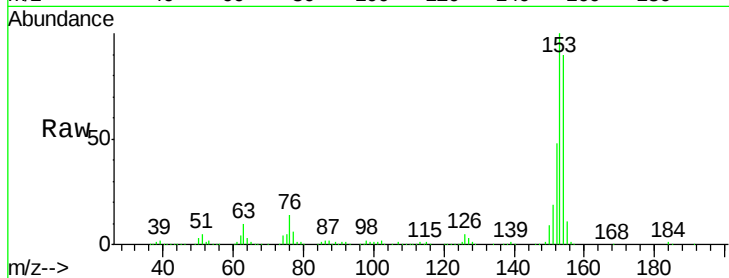
Tgt Ion:154 Resp: 899455

Ion Ratio Lower Upper

154 100

153 111.7 90.7 136.1

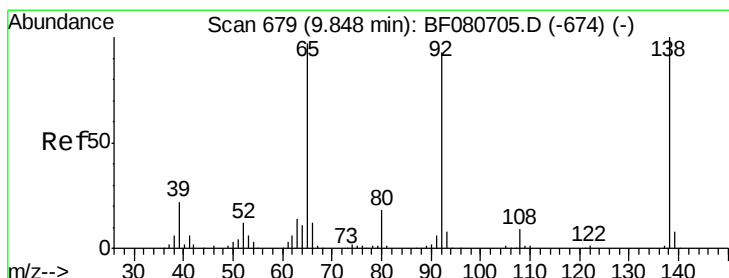
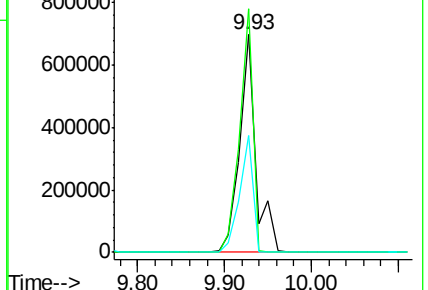
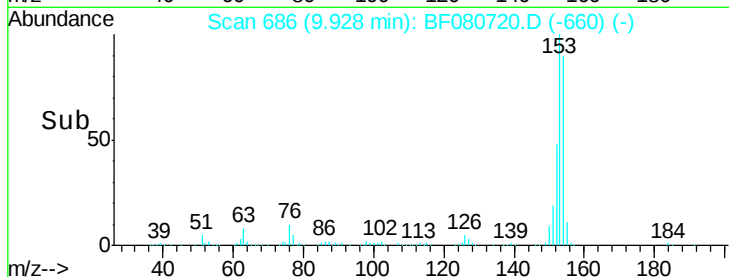
152 53.9 44.2 66.4



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



#52

3-Nitroaniline

Concen: 20.07 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

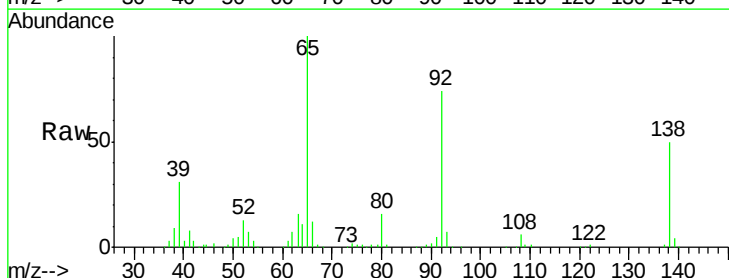
Tgt Ion:138 Resp: 113977

Ion Ratio Lower Upper

138 100

108 11.6 6.9 10.3#

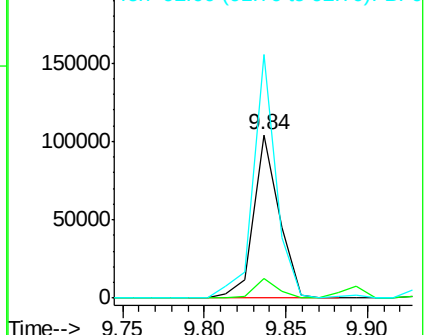
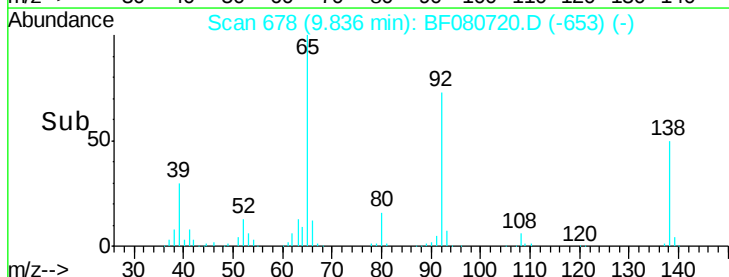
92 149.1 74.1 111.1#

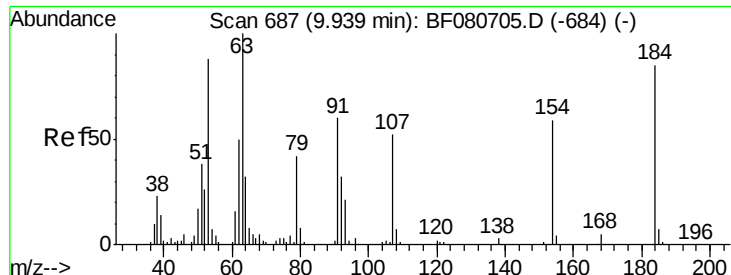


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

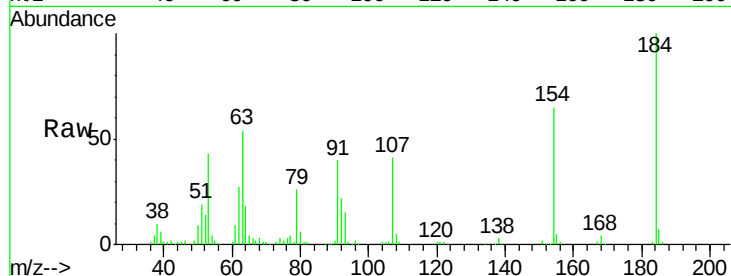




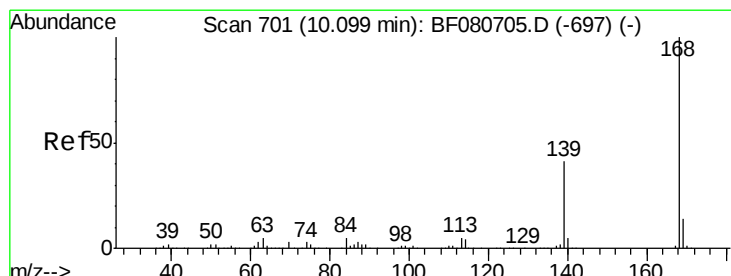
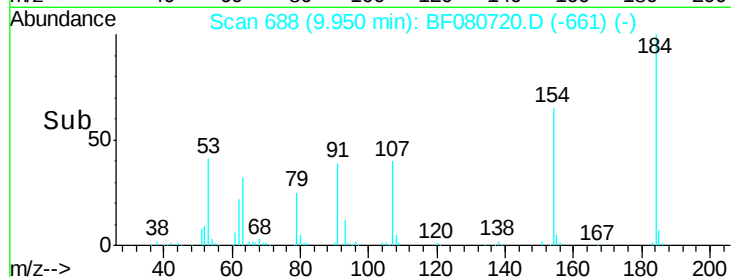
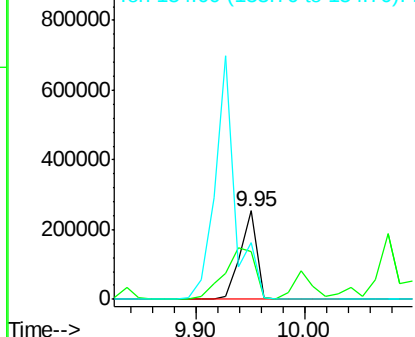
#53
2,4-Dinitrophenol
Concen: 100.80 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Instrument :
BNA_F
ClientSampleId :
PB84701BS

Tgt Ion:184 Resp: 264167
Ion Ratio Lower Upper
184 100
63 54.3 96.0 144.0#
154 64.8 66.0 99.0#

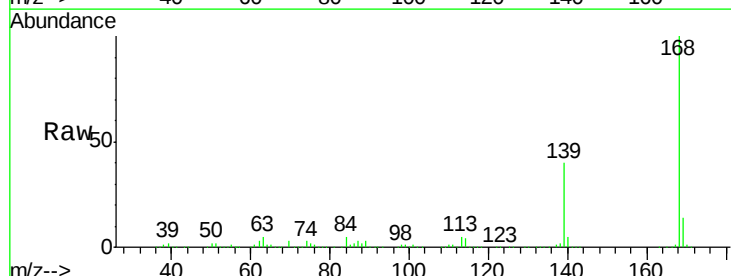


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

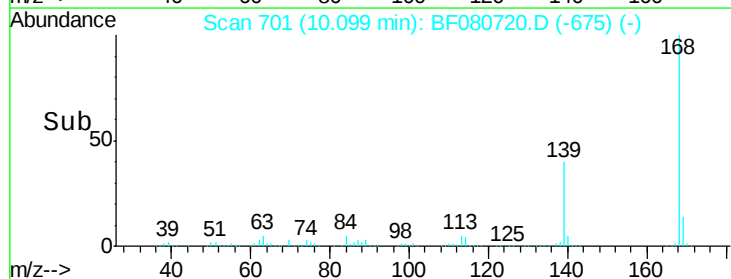
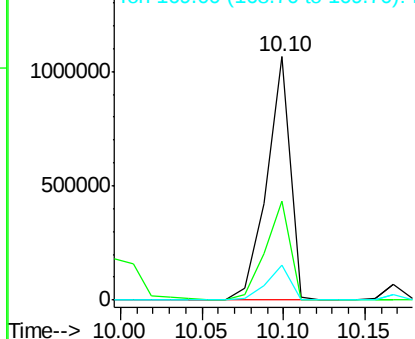


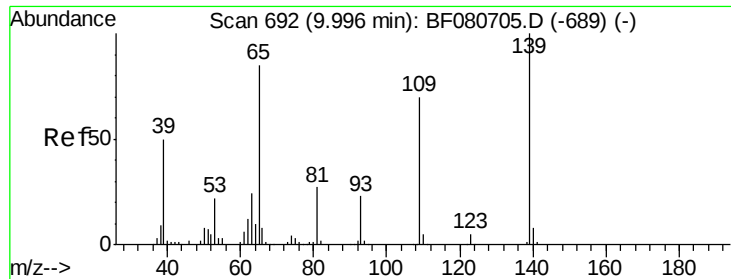
#54
Dibenzofuran
Concen: 39.85 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion:168 Resp: 1065354
Ion Ratio Lower Upper
168 100
139 40.4 33.0 49.6
169 14.1 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

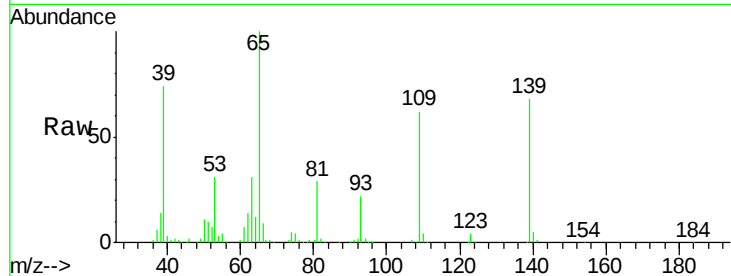




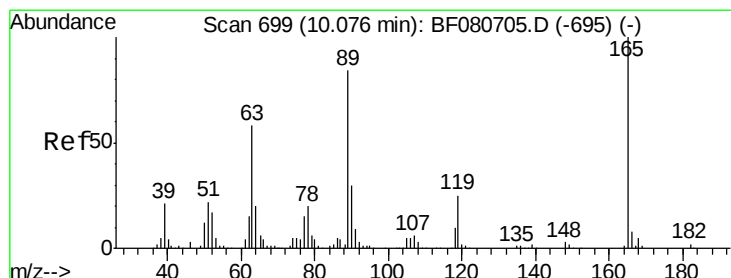
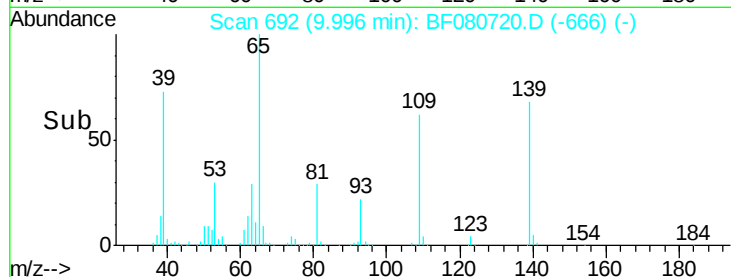
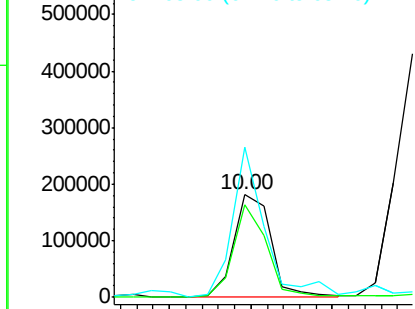
#55
4-Nitrophenol
Concen: 68.65 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Instrument :
BNA_F
ClientSampleId :
PB84701BS

Tgt Ion:139 Resp: 287195
Ion Ratio Lower Upper
139 100
109 90.7 50.4 90.4#
65 146.3 66.1 106.1#

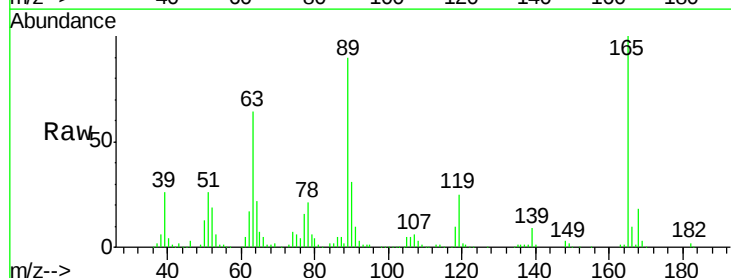


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

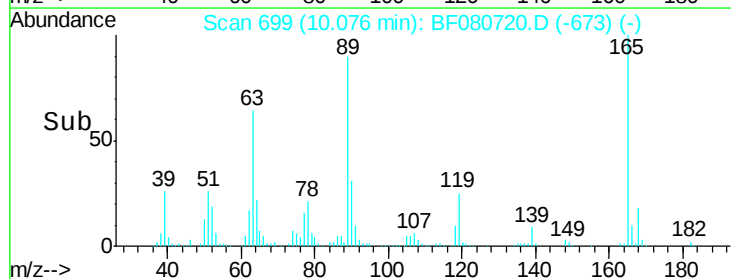
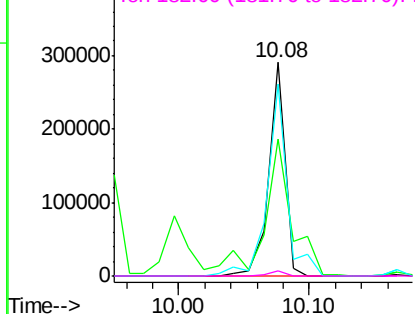


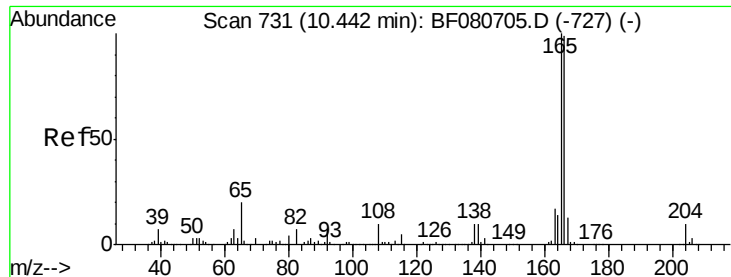
#56
2,4-Dinitrotoluene
Concen: 39.75 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion:165 Resp: 256488
Ion Ratio Lower Upper
165 100
63 64.3 46.7 70.1
89 89.7 67.4 101.2
182 2.2 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: 39.82 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

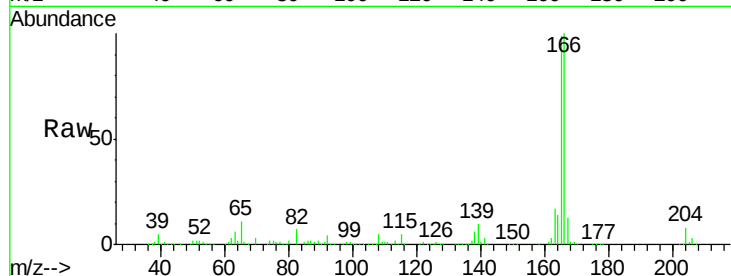
Tgt Ion:166 Resp: 826276

Ion Ratio Lower Upper

166 100

165 99.5 81.0 121.4

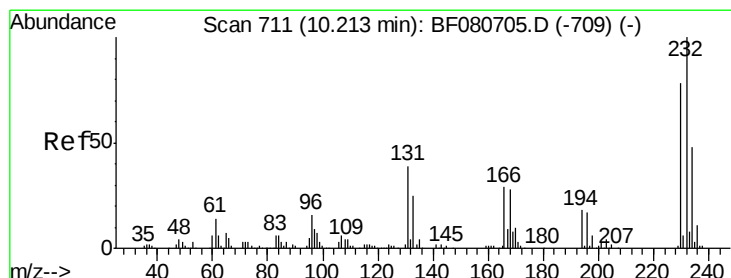
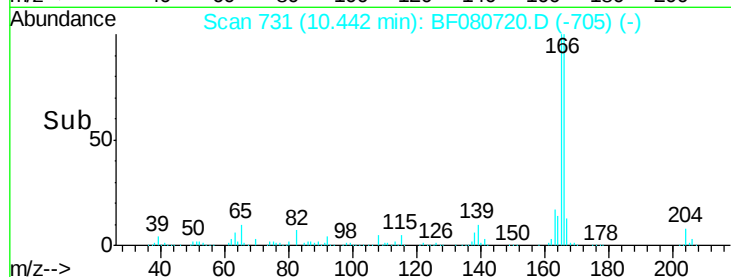
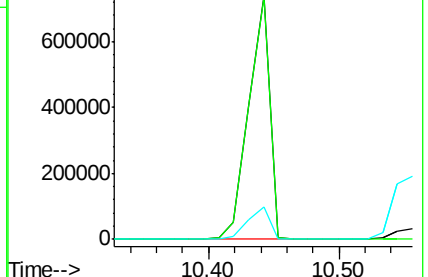
167 13.2 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.71 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Tgt Ion:232 Resp: 240401

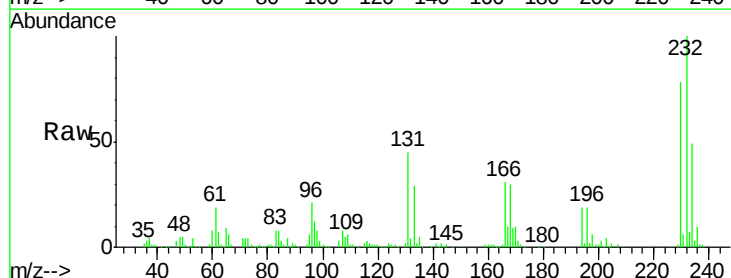
Ion Ratio Lower Upper

232 100

131 49.2 38.2 57.2

130 2.4 1.8 2.6

166 31.1 25.6 38.4

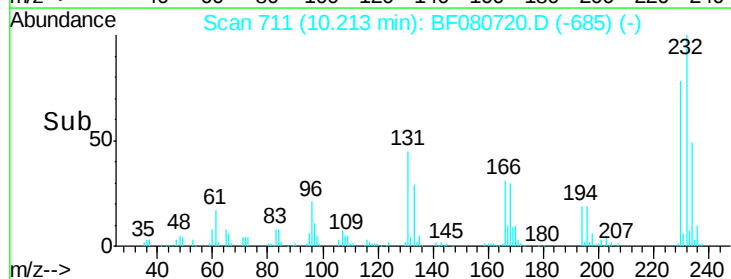
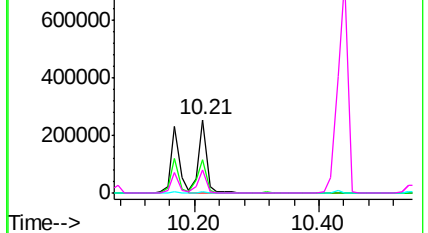


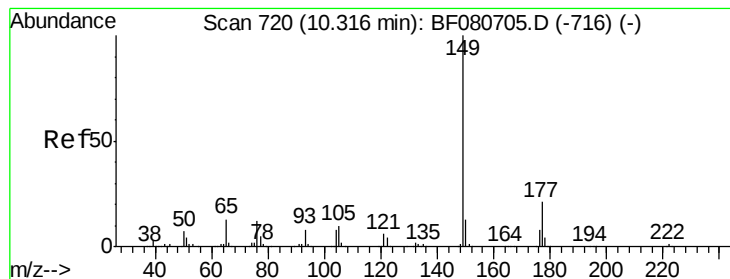
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.43 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

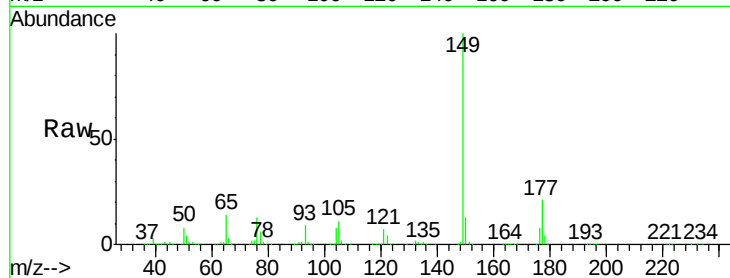
Tgt Ion:149 Resp: 881123

Ion Ratio Lower Upper

149 100

177 20.5 16.6 25.0

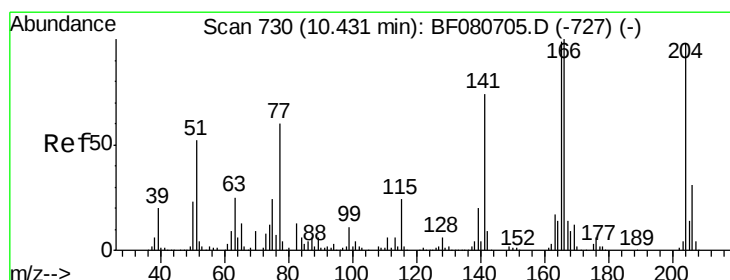
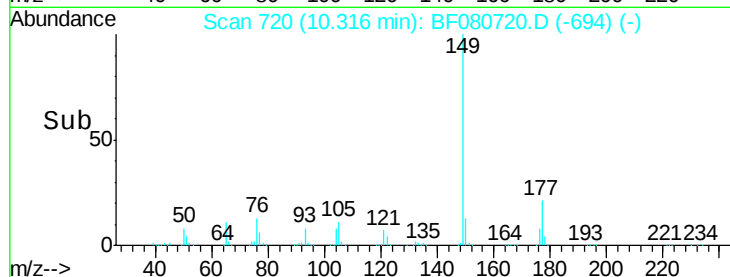
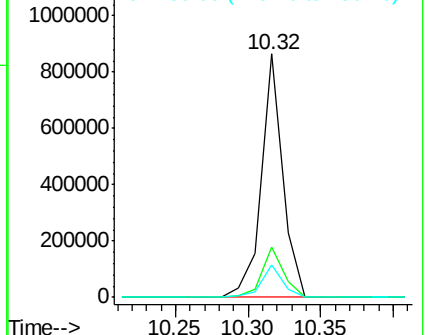
150 13.1 10.2 15.4



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



#60

4-Chlorophenyl-phenylether

Concen: 40.70 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

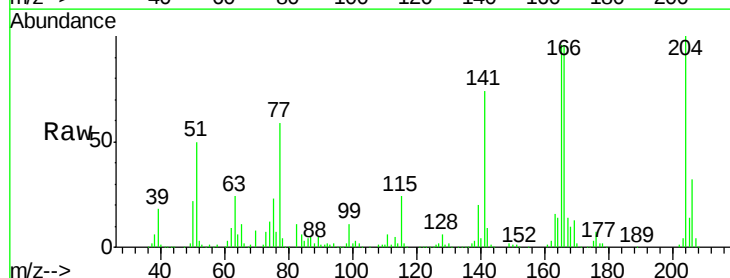
Tgt Ion:204 Resp: 366675

Ion Ratio Lower Upper

204 100

206 32.2 25.1 37.7

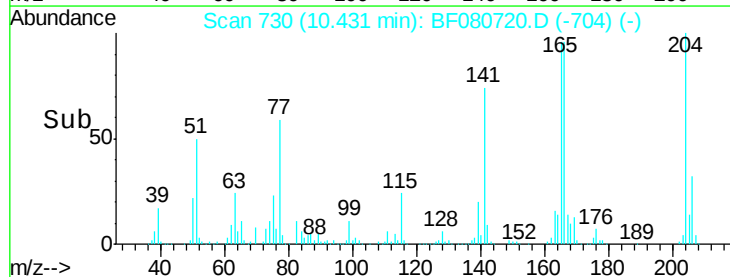
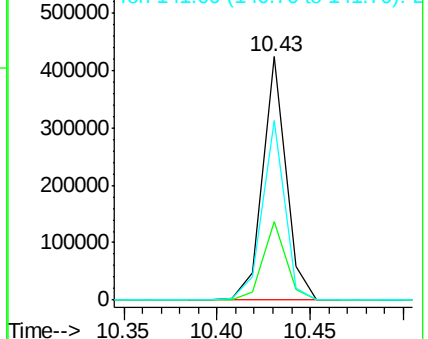
141 74.0 60.3 90.5

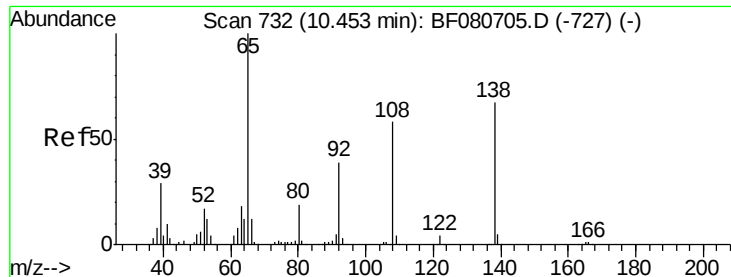


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

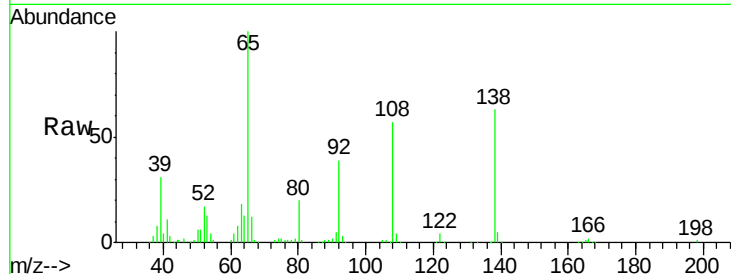




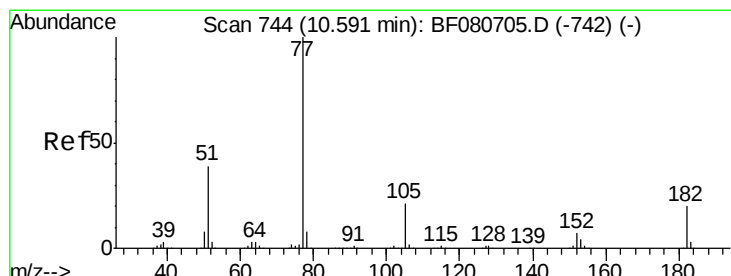
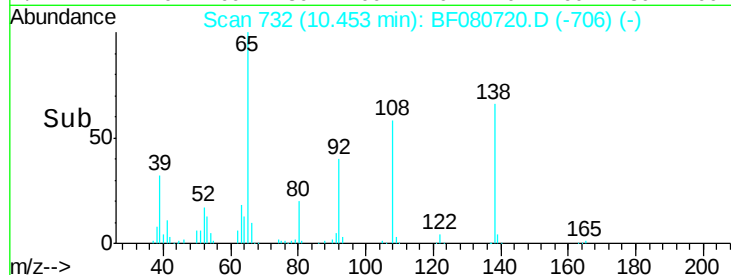
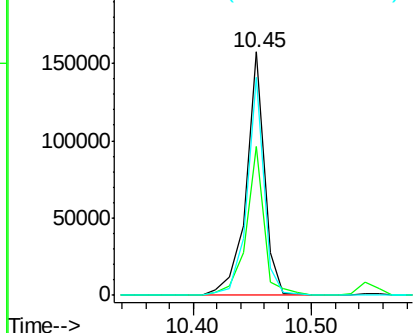
#61
4-Nitroaniline
Concen: 33.24 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Instrument :
BNA_F
ClientSampleId :
PB84701BS

Tgt Ion:138 Resp: 170414
Ion Ratio Lower Upper
138 100
92 61.3 38.2 78.2
108 89.7 66.3 106.3



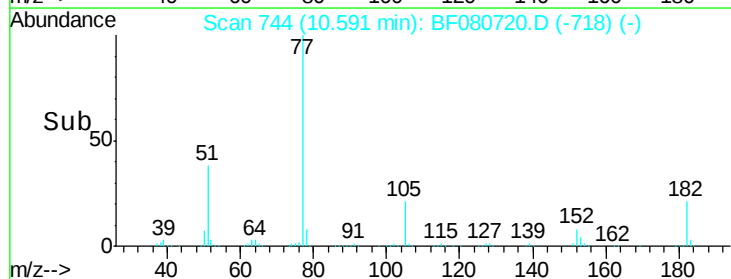
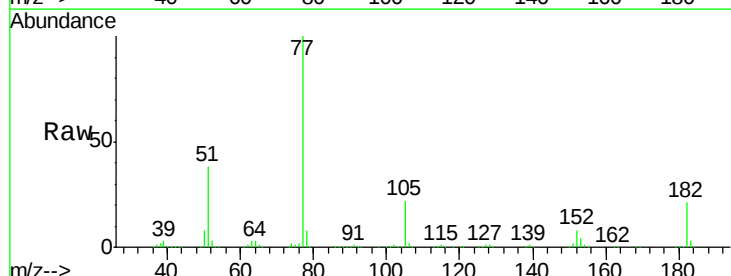
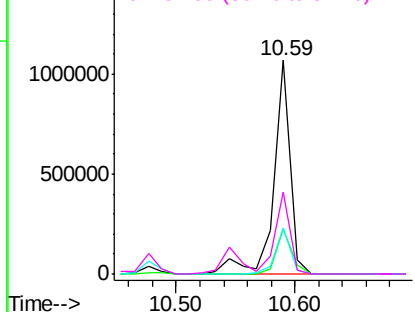
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

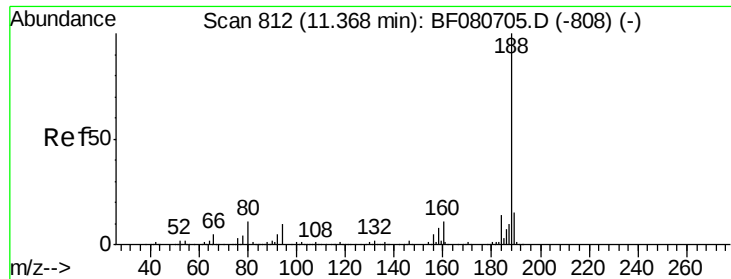


#62
Azobenzene
Concen: 42.95 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion: 77 Resp: 1039933
Ion Ratio Lower Upper
77 100
182 21.1 0.0 39.9
105 21.5 1.1 41.1
51 38.4 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

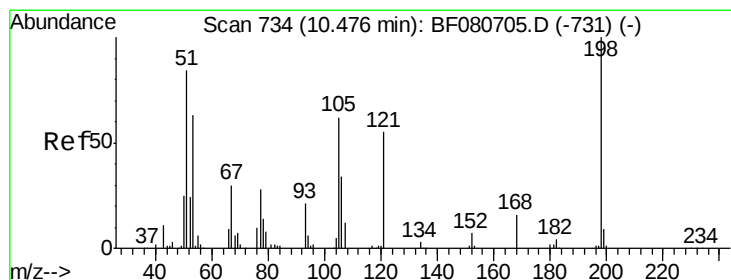
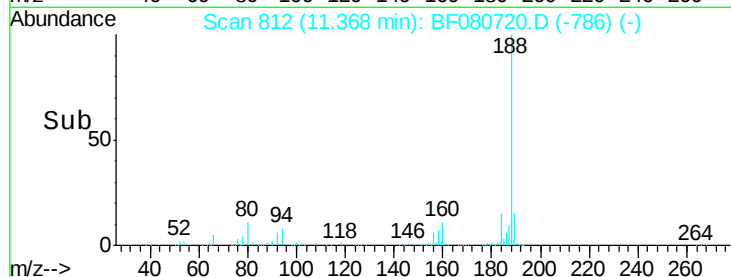
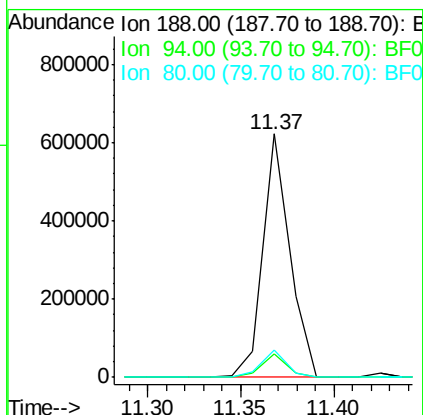
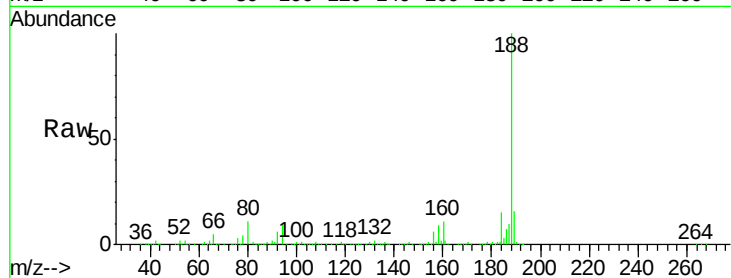




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

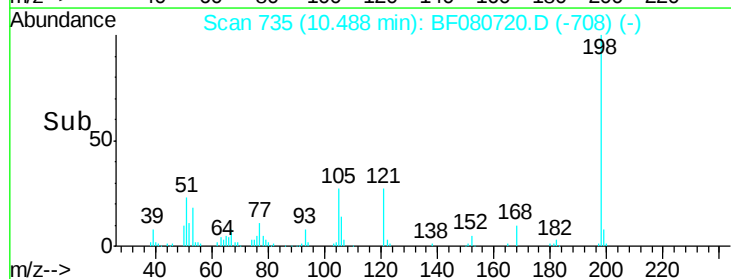
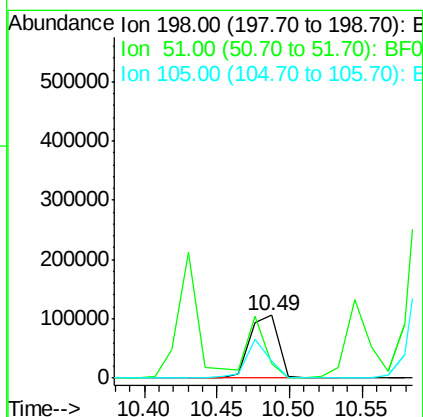
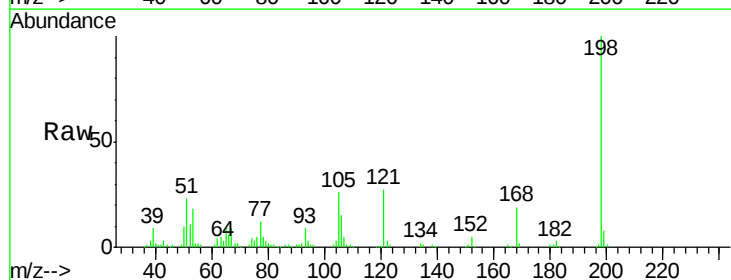
Instrument :
BNA_F
ClientSampleId :
PB84701BS

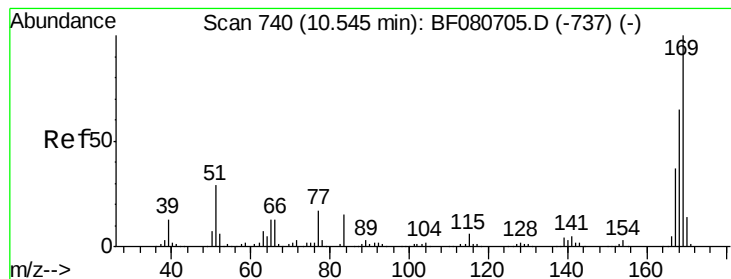
Tgt Ion:188 Resp: 620868
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 11.4 9.1 13.7



#64
4,6-Dinitro-2-methylphenol
Concen: 38.96 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion:198 Resp: 145659
Ion Ratio Lower Upper
198 100
51 22.8 84.6 124.6#
105 26.4 43.0 83.0#

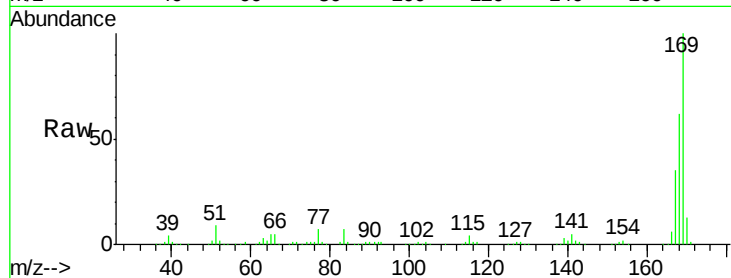




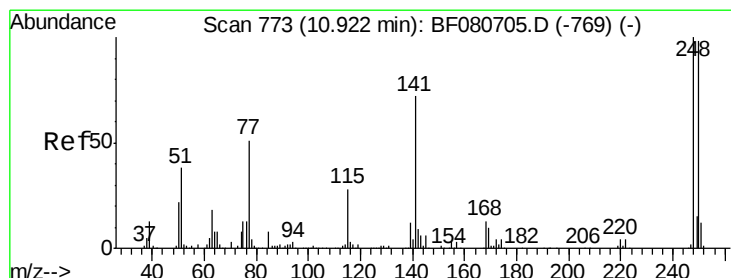
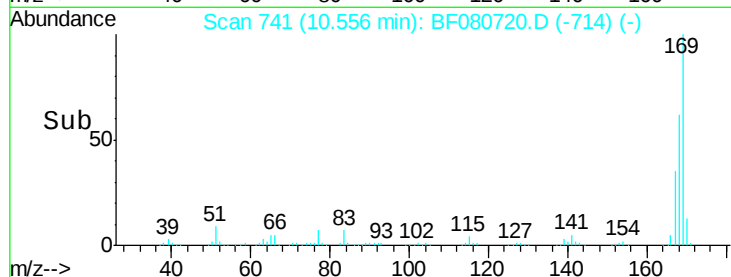
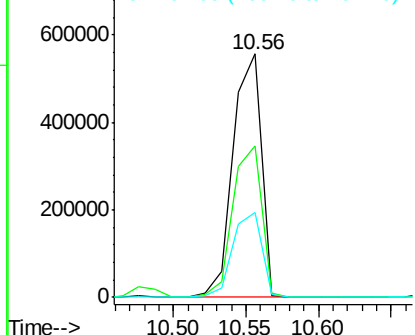
#65
 n-Nitrosodiphenylamine
 Concen: 36.97 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion:169 Resp: 752466
 Ion Ratio Lower Upper
 169 100
 168 62.3 52.1 78.1
 167 34.7 29.3 43.9

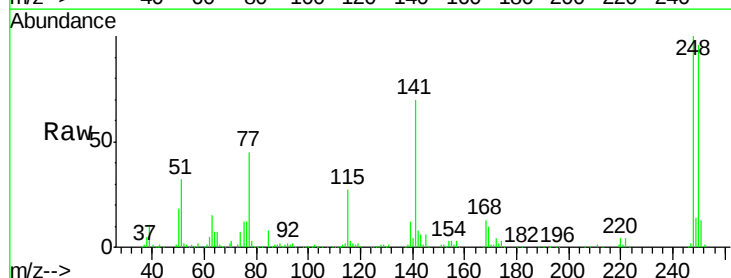


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

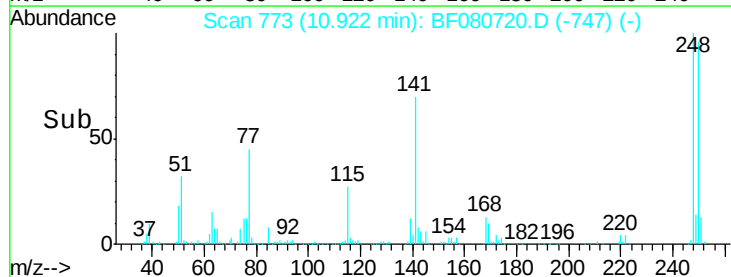
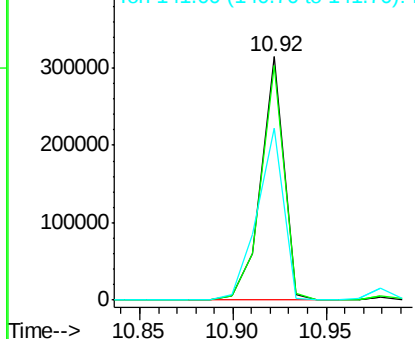


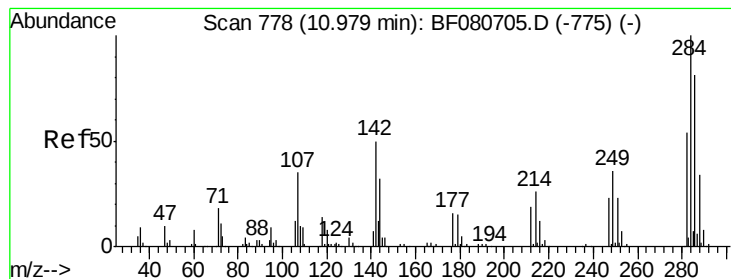
#66
 4-Bromophenyl-phenylether
 Concen: 41.54 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion:248 Resp: 266247
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.4 117.6
 141 70.4 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





#67

Hexachlorobenzene

Concen: 36.29 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

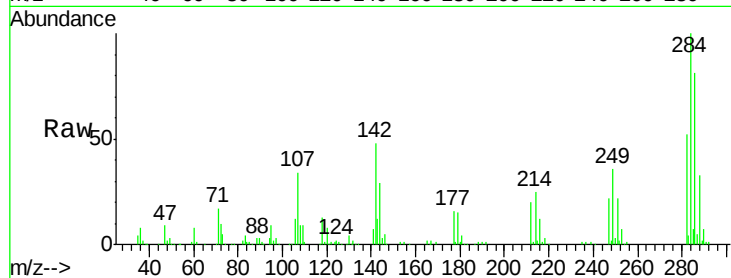
Tgt Ion:284 Resp: 268911

Ion Ratio Lower Upper

284 100

142 48.0 39.8 59.6

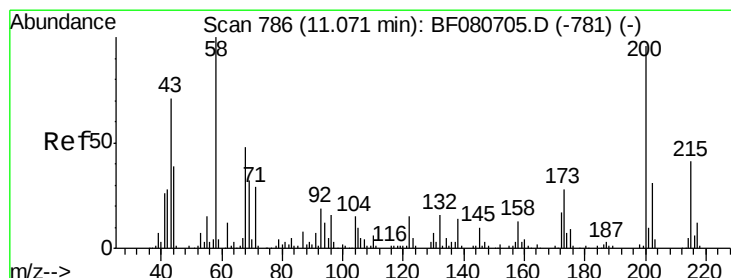
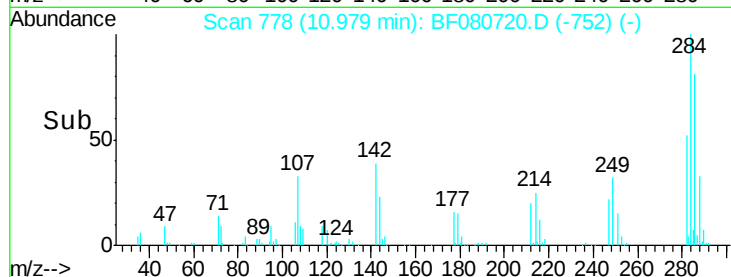
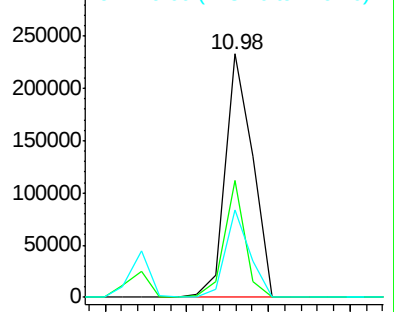
249 35.9 28.7 43.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 15.74 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

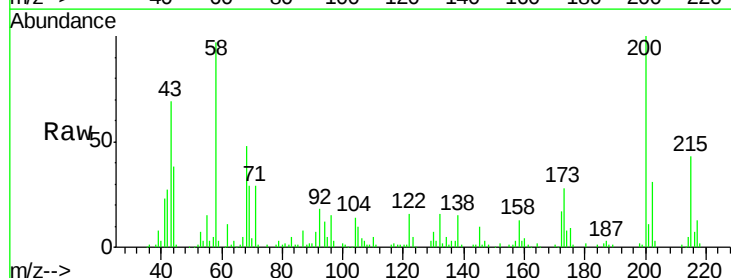
Tgt Ion:200 Resp: 96851

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

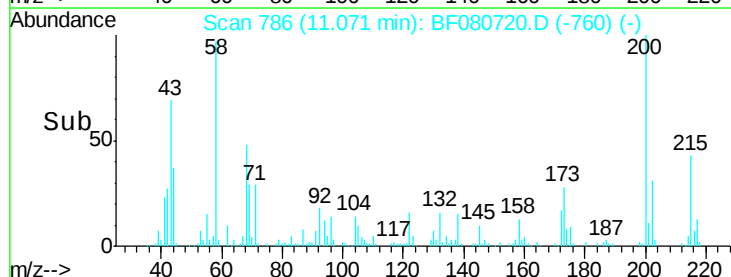
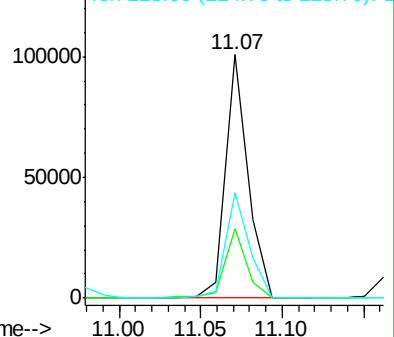
215 43.0 22.2 62.2

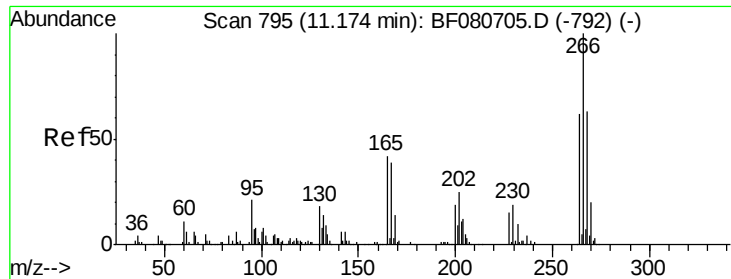


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

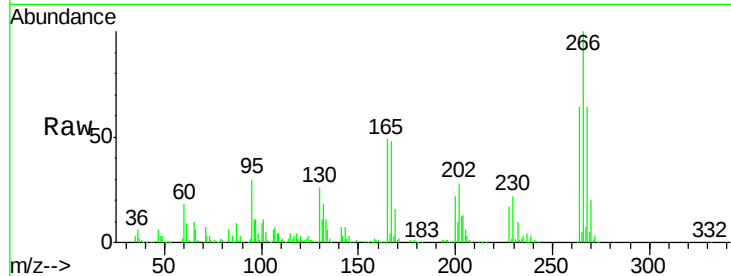




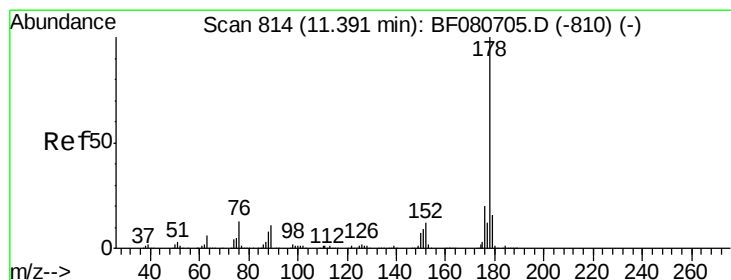
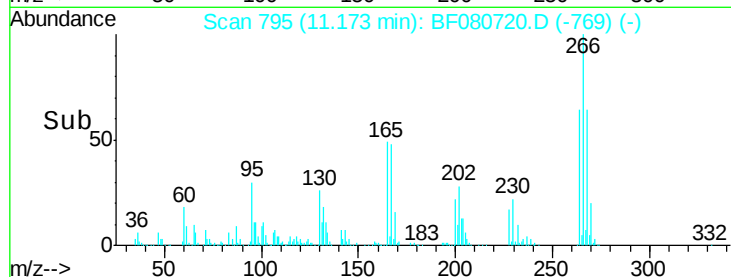
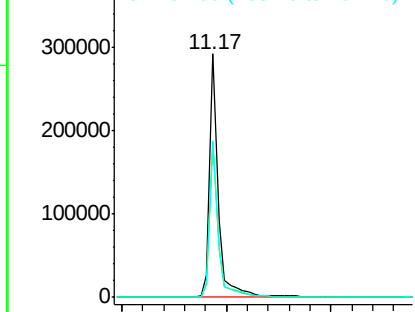
#69
 Pentachlorophenol
 Concen: 75.34 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion: 266 Resp: 337829
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.5 75.7
 264 64.3 50.0 75.0

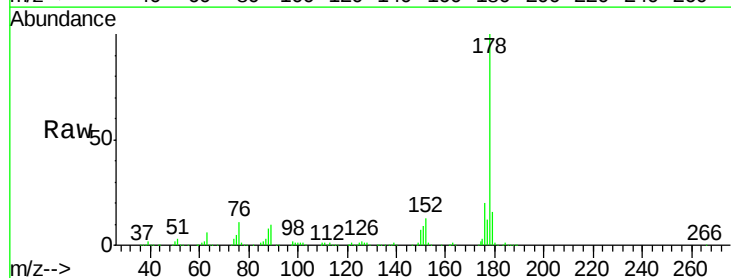


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

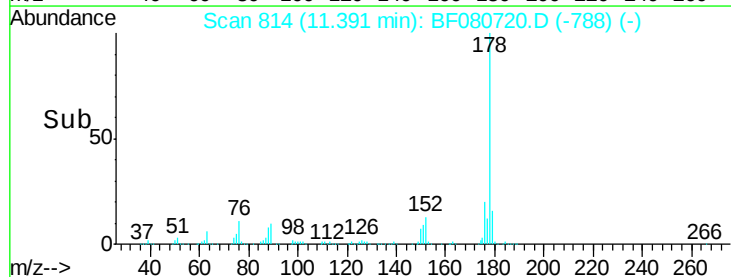
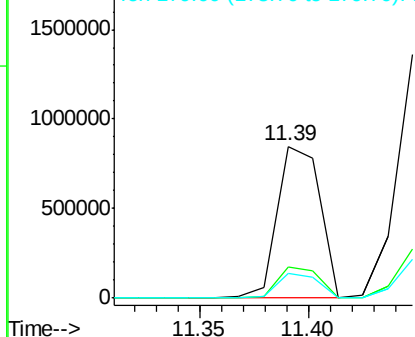


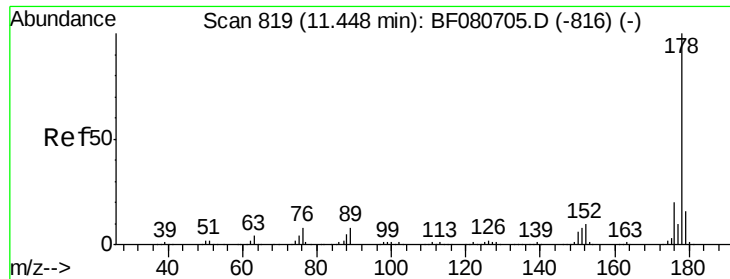
#70
 Phenanthrene
 Concen: 37.26 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion: 178 Resp: 1165372
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.0 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: 39.69 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

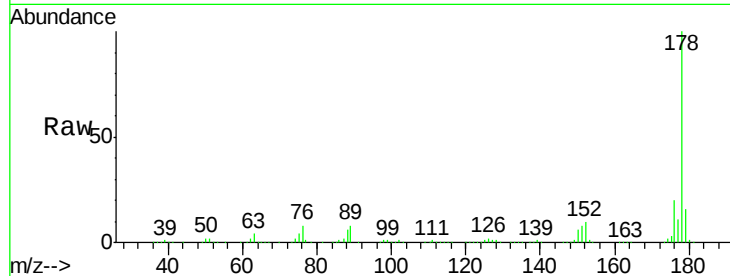
Tgt Ion:178 Resp: 1219750

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

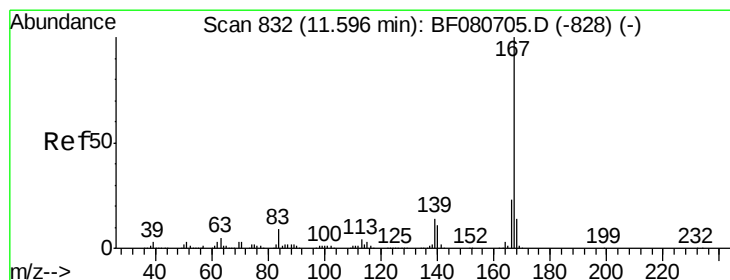
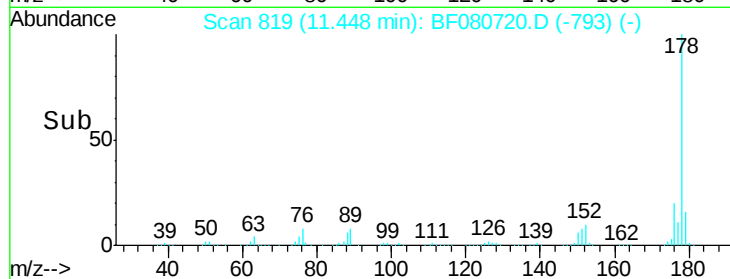
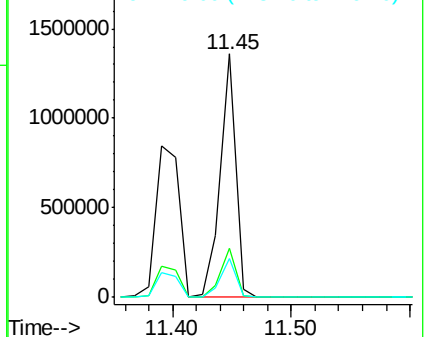
179 16.1 12.7 19.1



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: 35.83 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

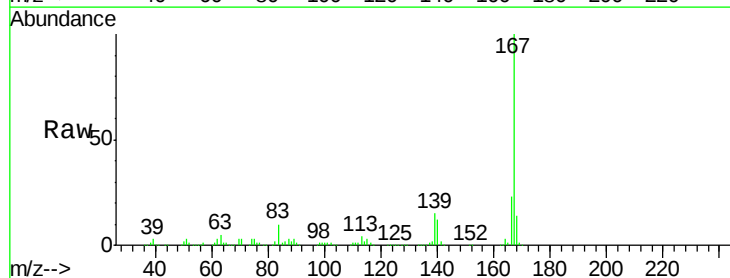
Tgt Ion:167 Resp: 955765

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

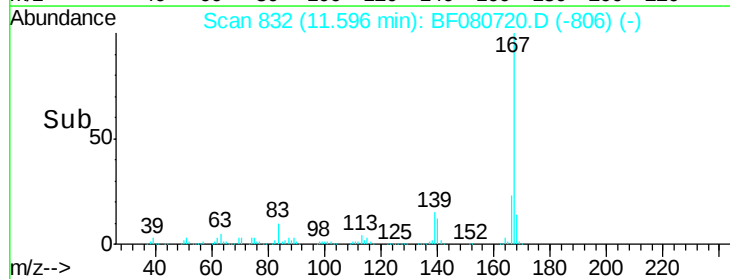
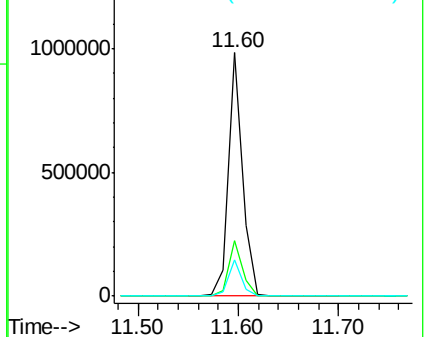
139 14.6 11.5 17.3

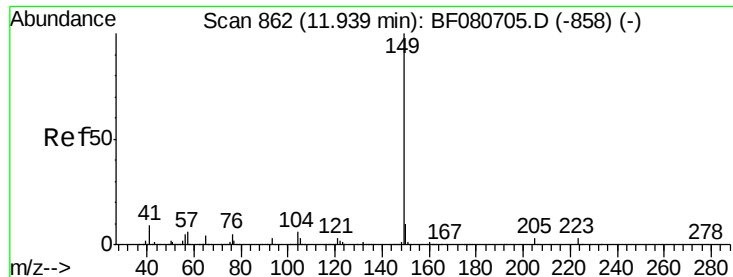


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.36 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

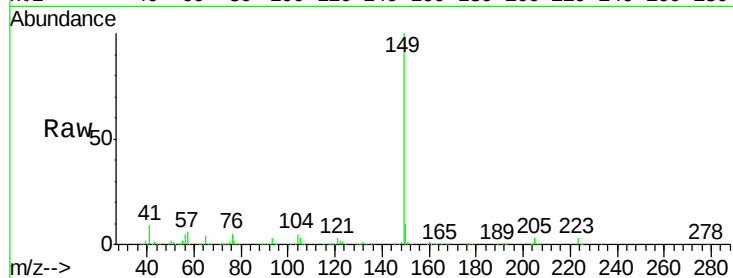
Tgt Ion:149 Resp: 1434391

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

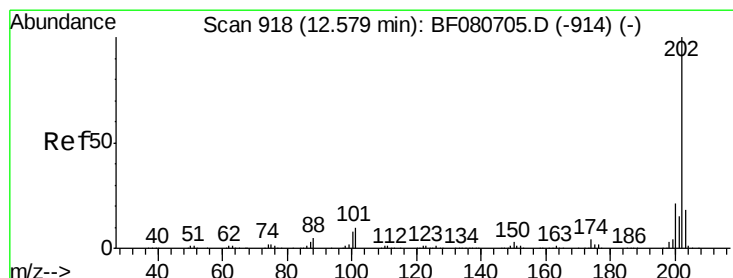
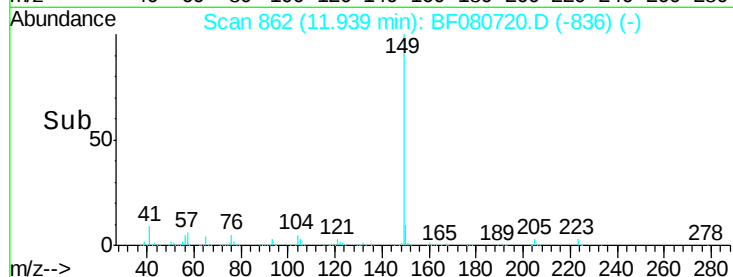
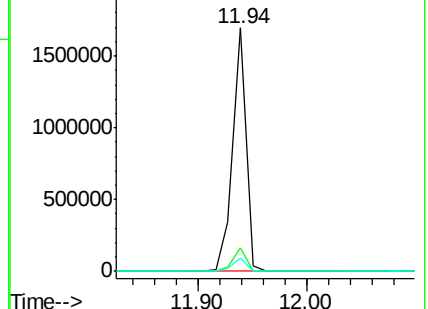
104 5.4 4.4 6.6



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: 41.17 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

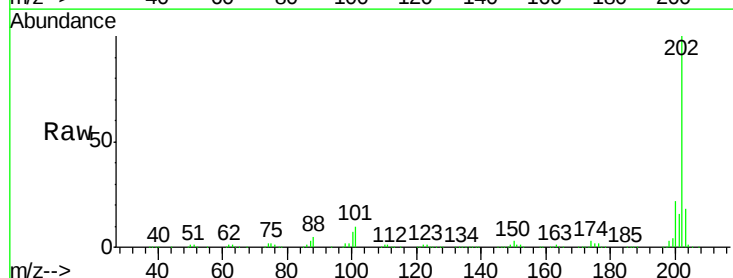
Tgt Ion:202 Resp: 1245176

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.6

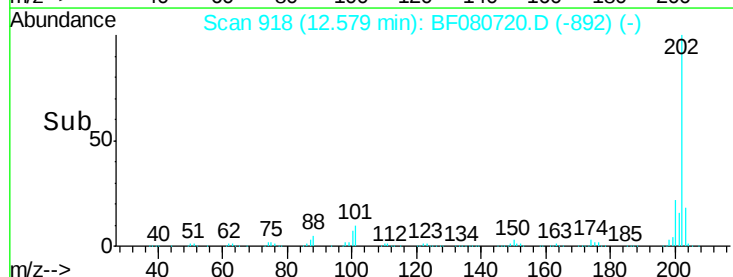
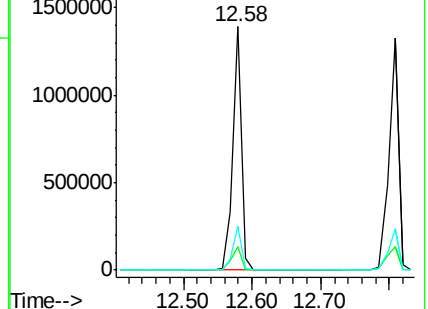
203 18.1 0.0 37.8

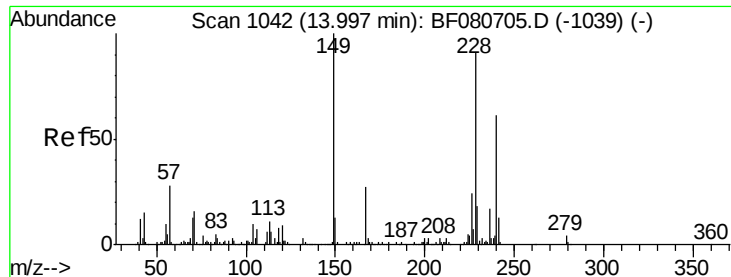


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS

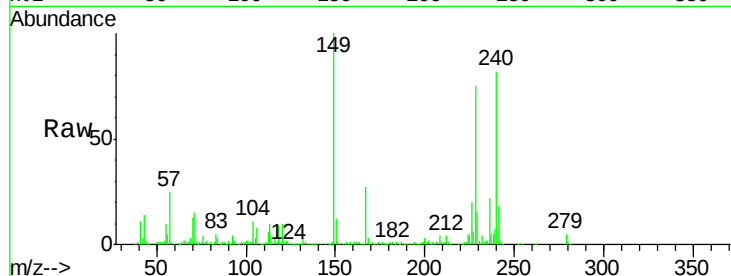
Tgt Ion:240 Resp: 380564

Ion Ratio Lower Upper

240 100

120 12.4 11.8 17.8

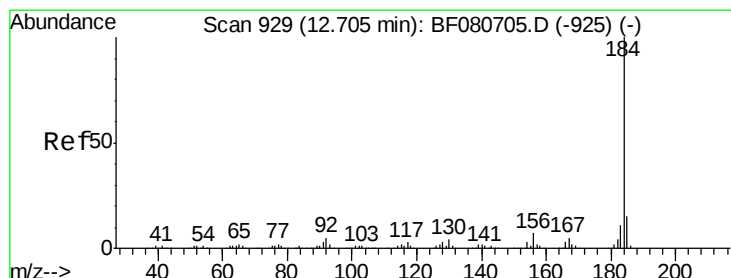
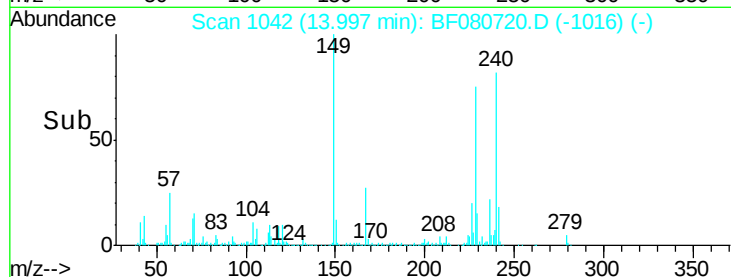
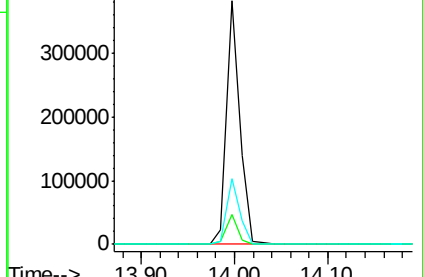
236 27.2 21.8 32.8



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



#76

Benzidine

Concen: 15.48 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

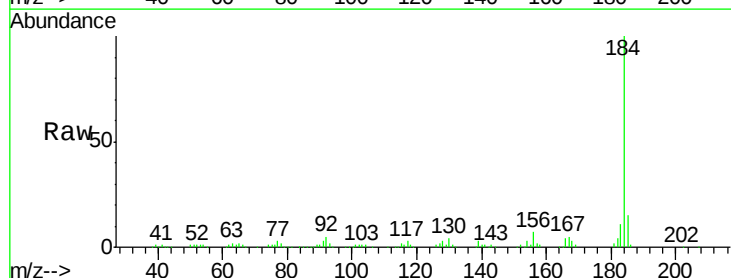
Tgt Ion:184 Resp: 214529

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

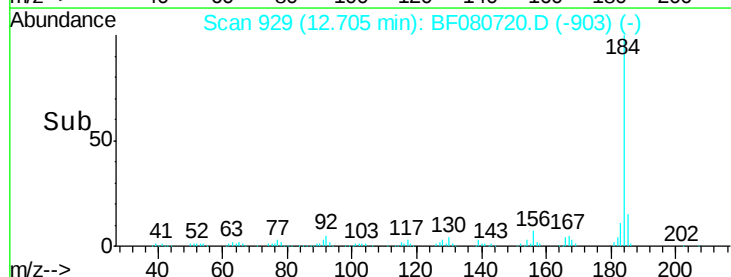
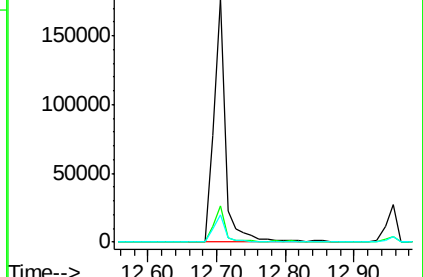
183 11.5 9.1 13.7

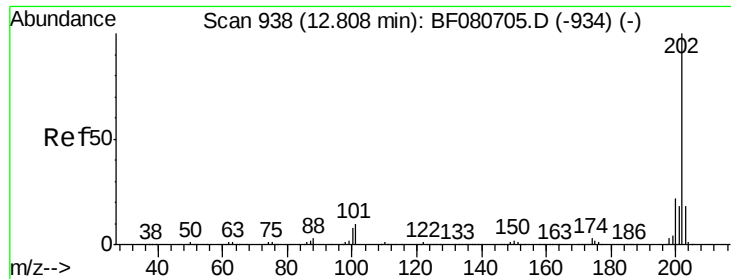


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



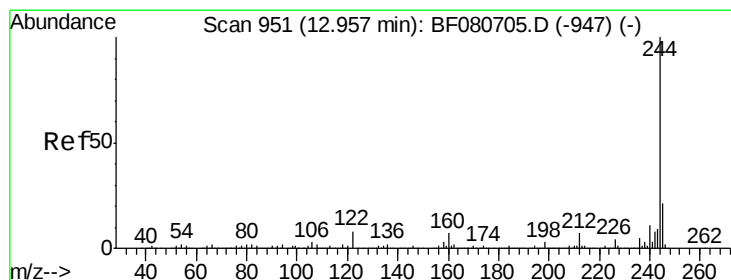
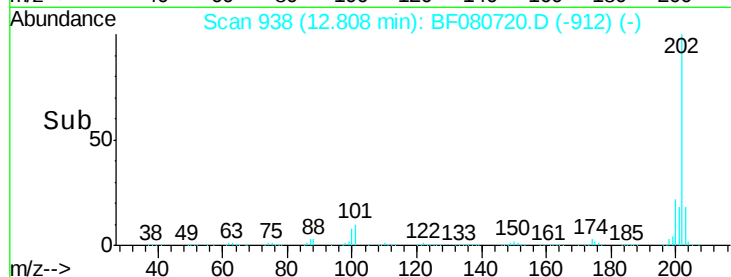
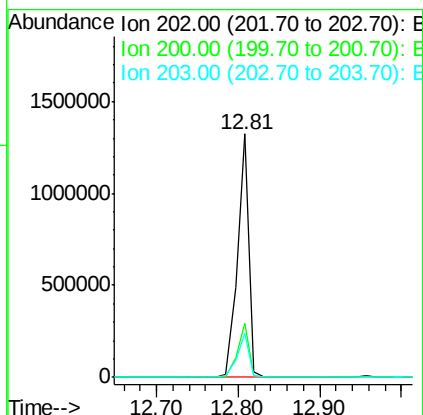
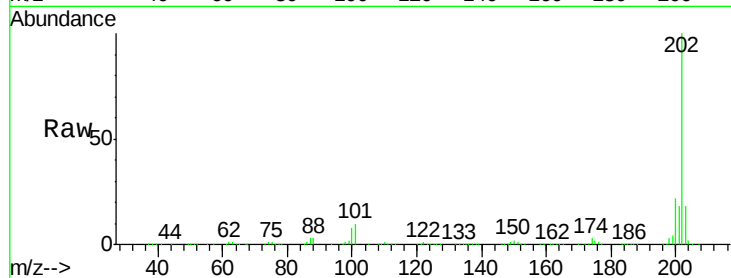


#77
 Pyrene
 Concen: 43.52 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion: 202 Resp: 1284617

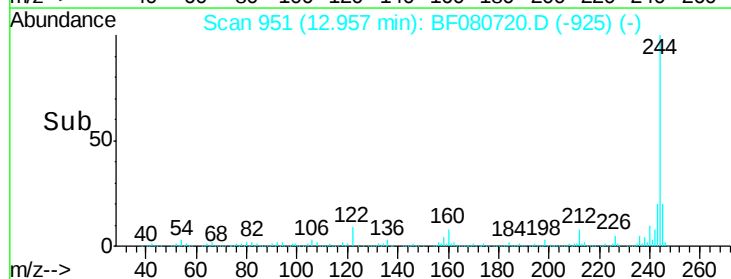
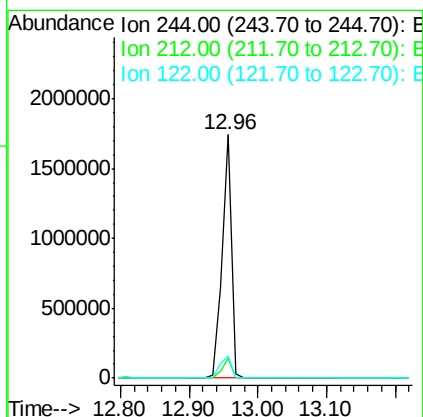
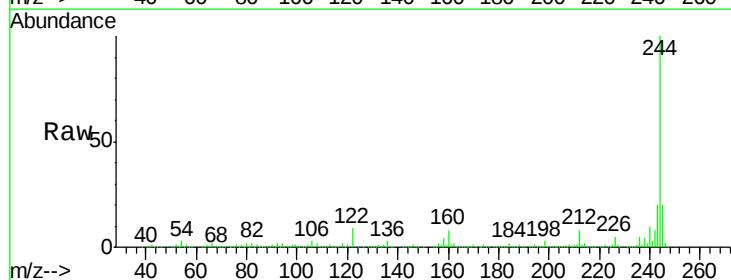
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.2	21.2

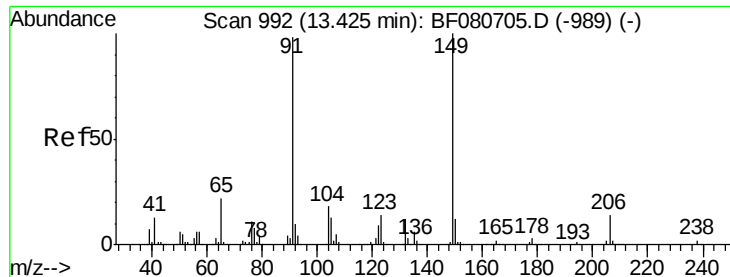


#78
 Terphenyl-d14
 Concen: 83.70 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion: 244 Resp: 1684167

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	9.4	6.6	9.8

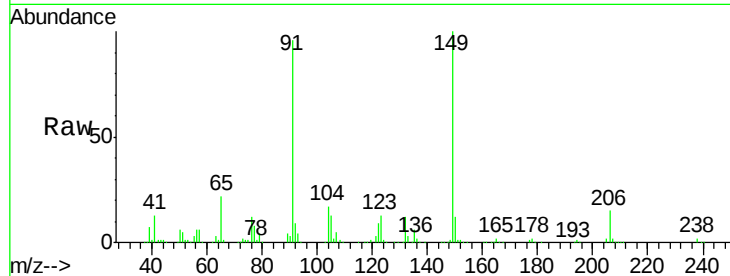




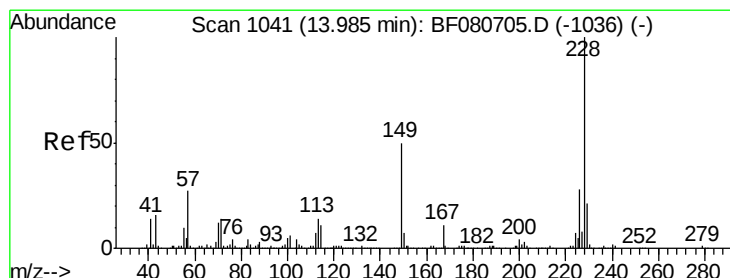
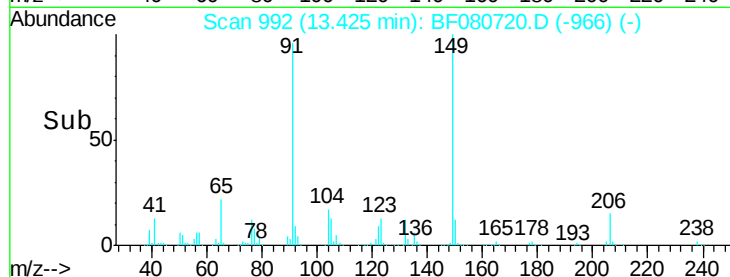
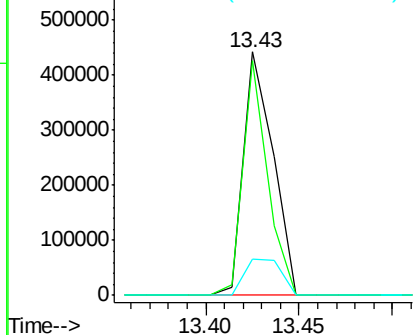
#79
Butylbenzylphthalate
Concen: 39.97 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Instrument :
BNA_F
ClientSampleId :
PB84701BS

Tgt Ion:149 Resp: 487020
Ion Ratio Lower Upper
149 100
91 96.4 78.6 118.0
206 14.7 11.4 17.2

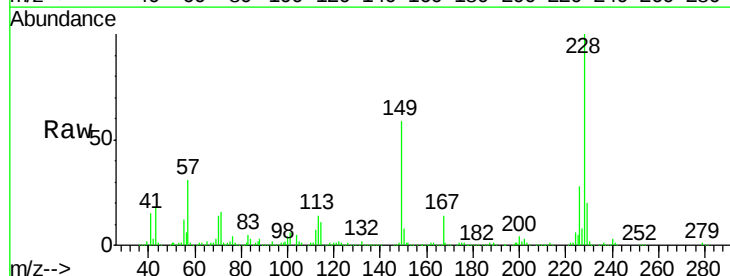


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

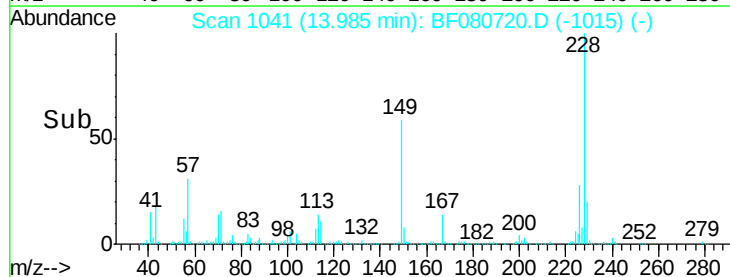
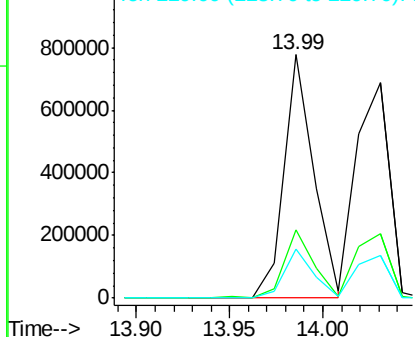


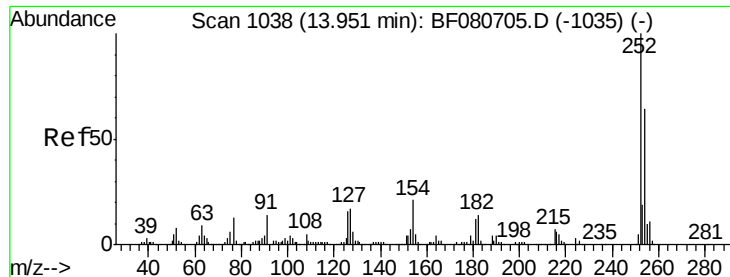
#80
Benzo(a)anthracene
Concen: 37.88 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion:228 Resp: 867010
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.9 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

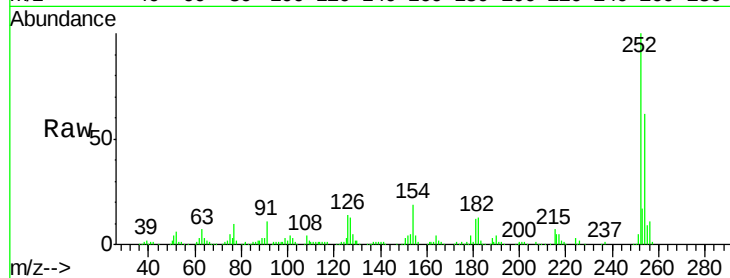




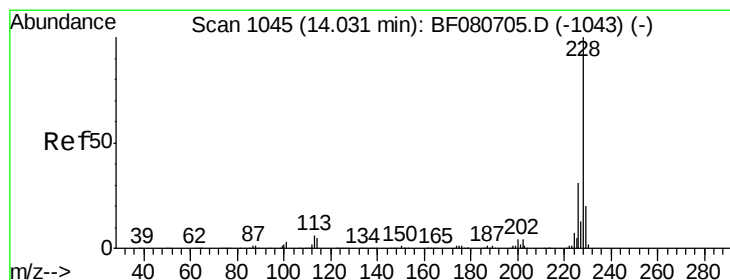
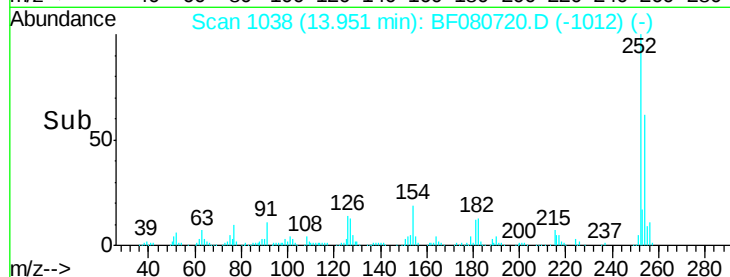
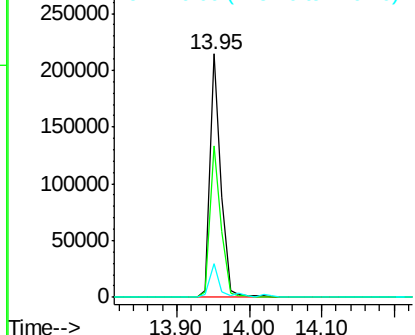
#81
 3,3'-Dichlorobenzidine
 Concen: 28.53 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.0	76.4
126	14.1	13.2	19.8

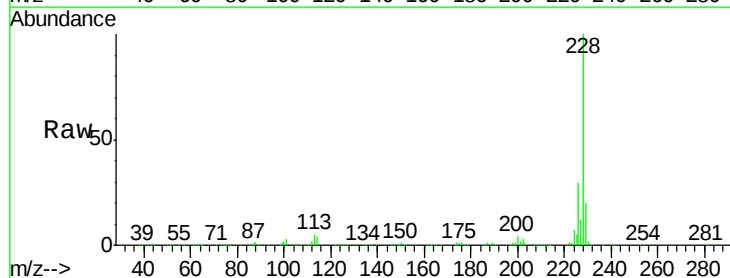


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

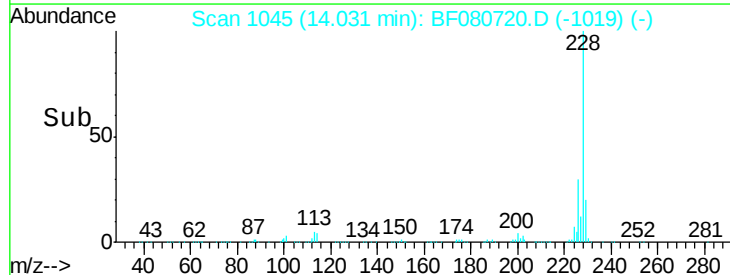
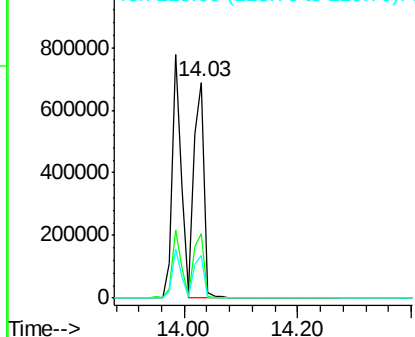


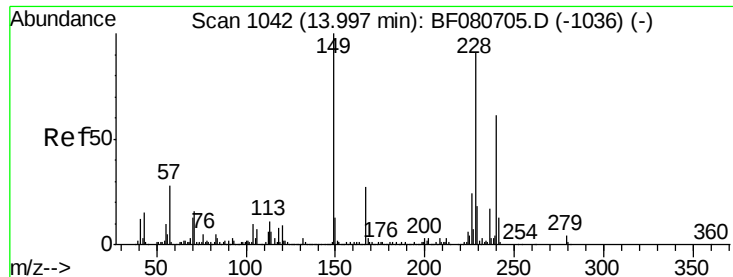
#82
 Chrysene
 Concen: 38.75 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.1	37.7
229	19.6	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

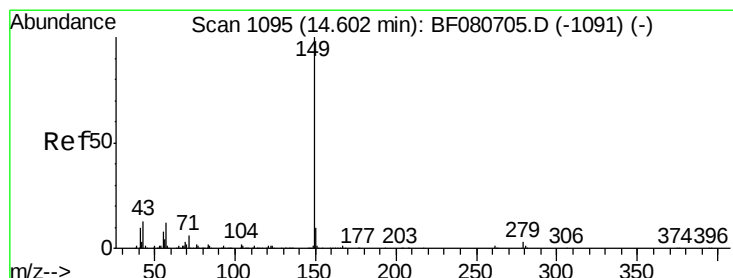
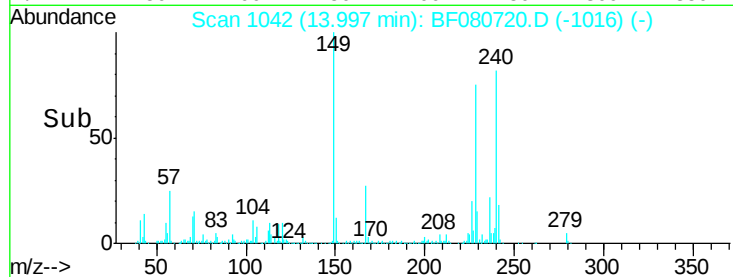
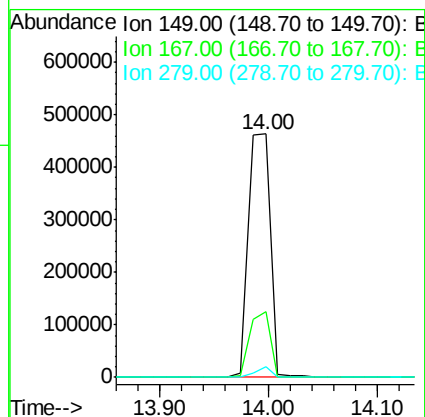
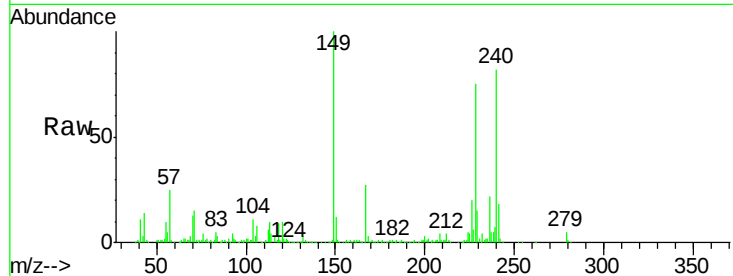




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.28 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

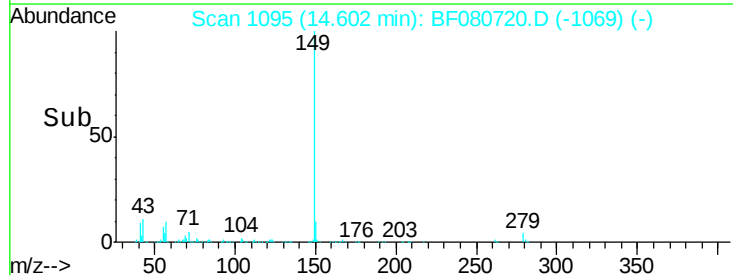
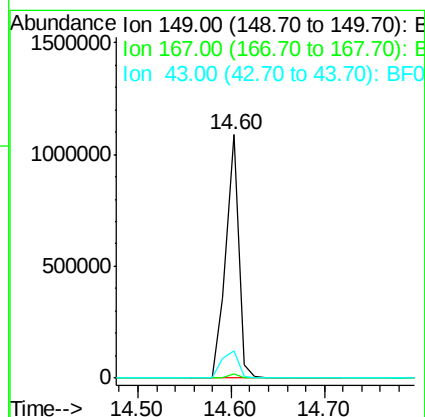
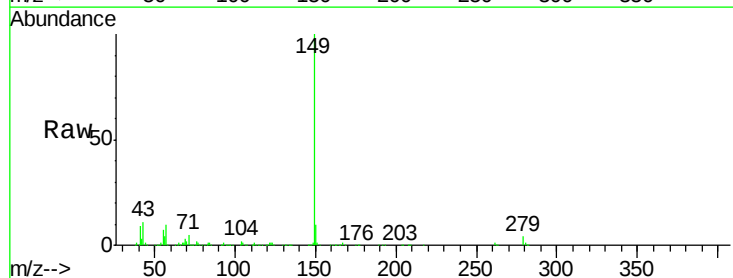
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

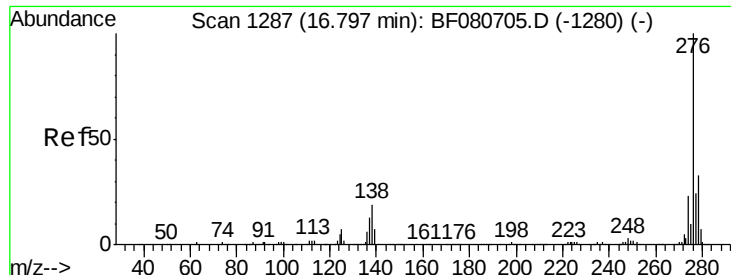
Tgt Ion:149 Resp: 650590
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 4.6 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 42.38 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion:149 Resp: 1044132
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.5 12.2 18.4

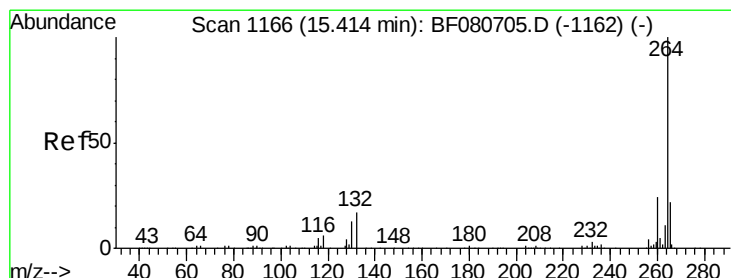
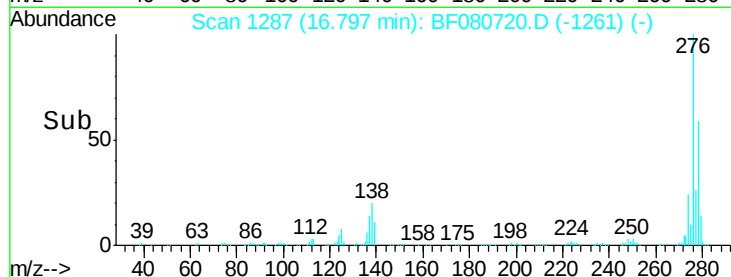
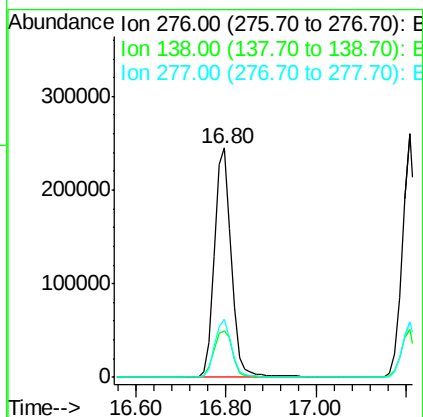
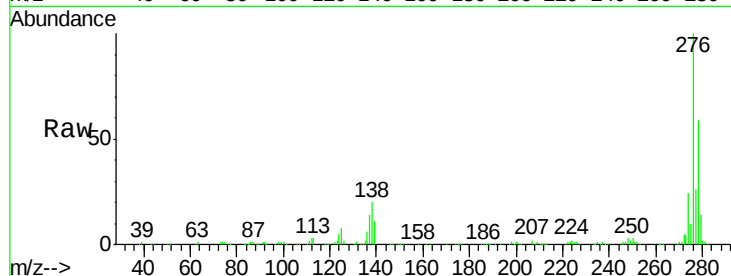




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.88 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

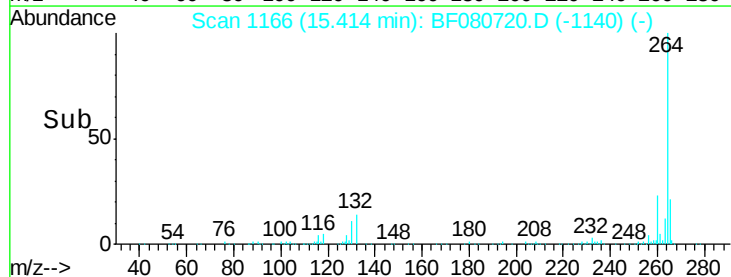
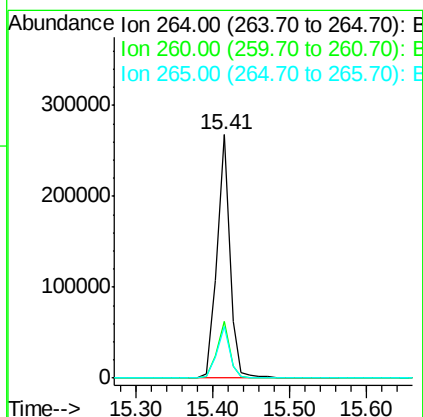
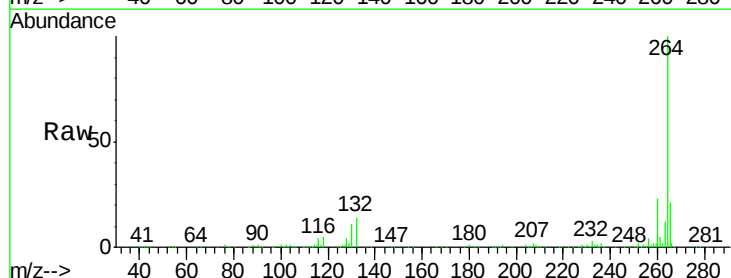
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BS

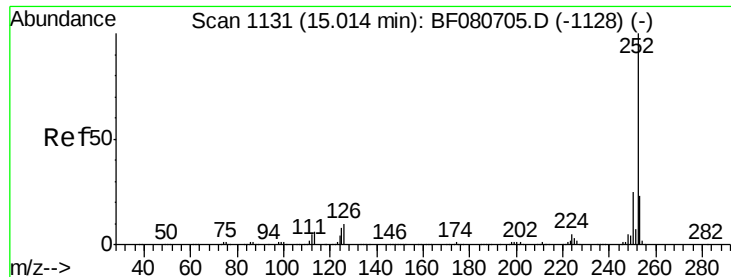
Tgt Ion: 276 Resp: 643544
 Ion Ratio Lower Upper
 276 100
 138 22.7 13.2 19.8#
 277 25.1 15.4 23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080720.D
 Acq: 31 Jul 2015 5:34

Tgt Ion: 264 Resp: 314550
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 39.16 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.00 min

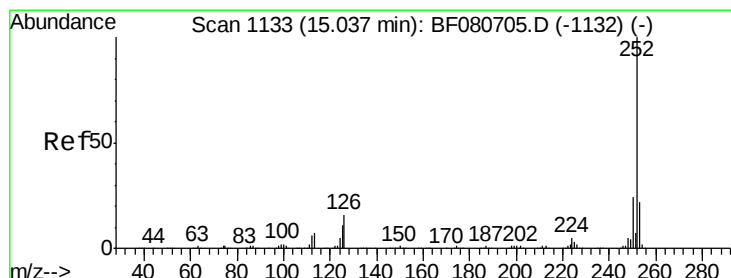
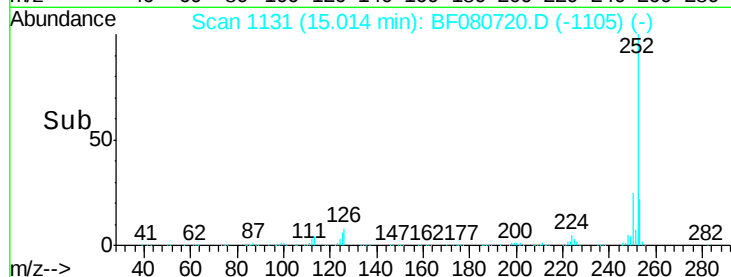
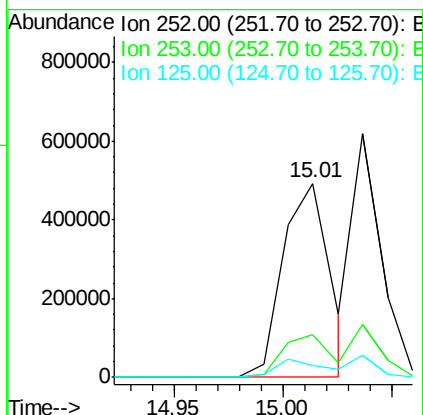
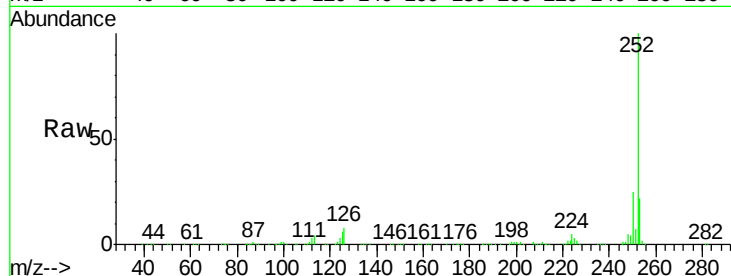
Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Instrument :
BNA_F
ClientSampleId :
PB84701BS

Tgt Ion: 252 Resp: 735773

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	6.2	6.2	9.2



#88

Benzo(k)fluoranthene

Concen: 47.58 ng

RT: 15.01 min Scan# 1131

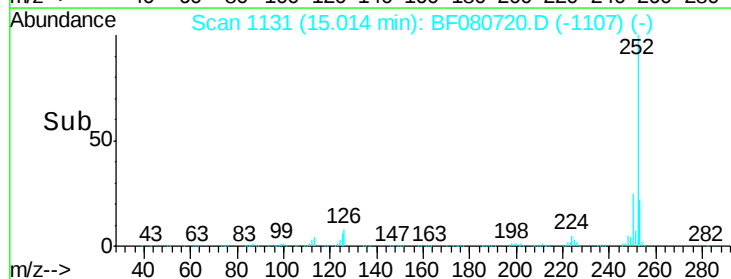
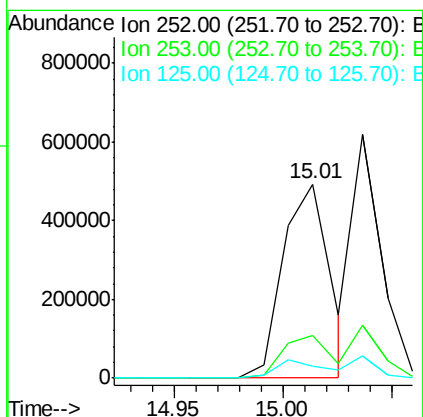
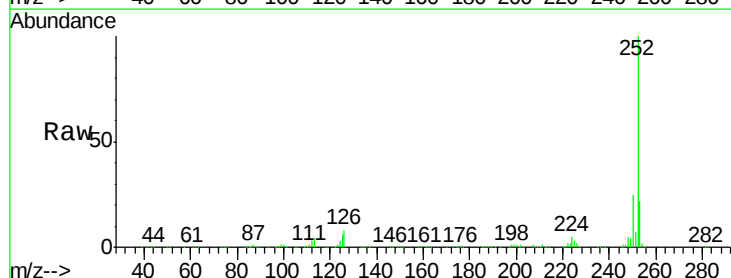
Delta R.T. -0.02 min

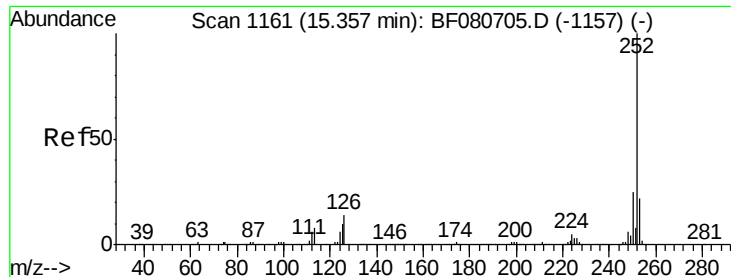
Lab File: BF080720.D

Acq: 31 Jul 2015 5:34

Tgt Ion: 252 Resp: 735773

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.2	9.0	13.4#

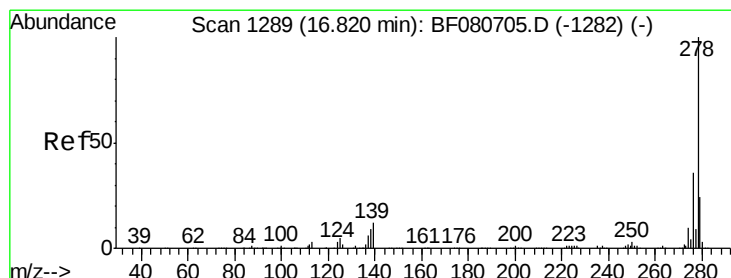
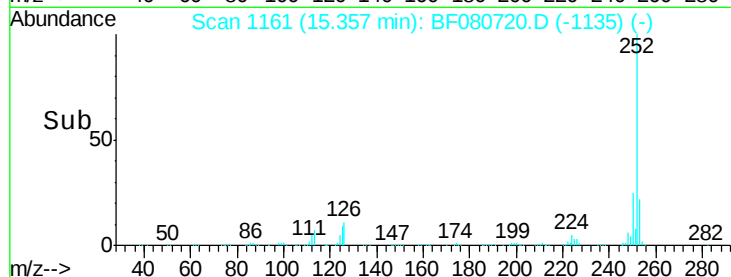
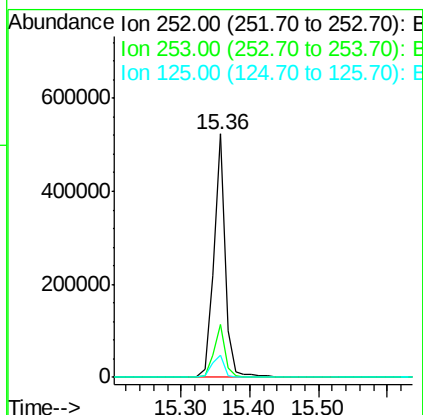
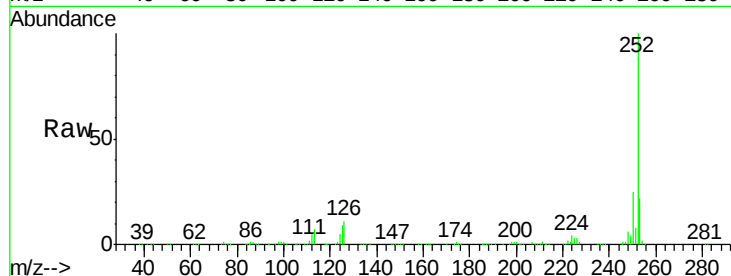




#89
Benzo(a)pyrene
Concen: 39.65 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

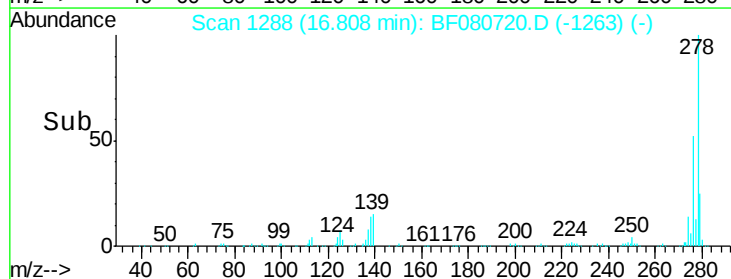
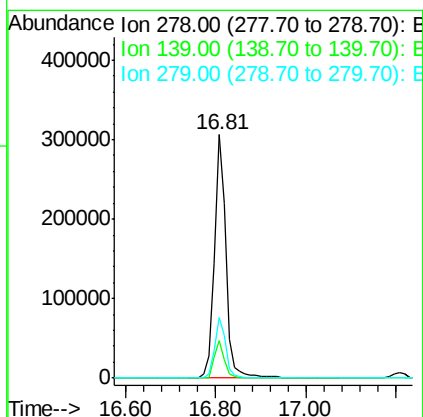
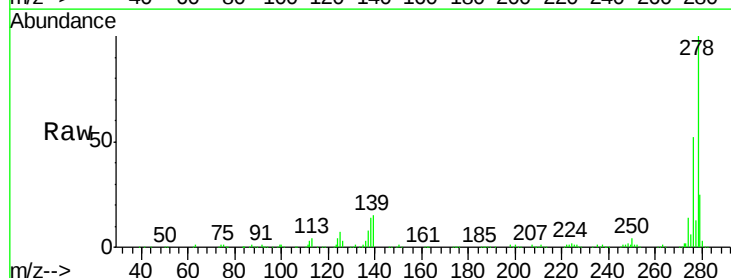
Instrument :
BNA_F
ClientSampleId :
PB84701BS

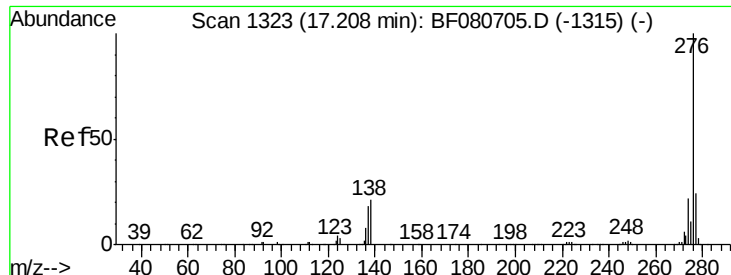
Tgt Ion: 252 Resp: 611539
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.2 8.2 12.4



#90
Dibenzo(a,h)anthracene
Concen: 40.00 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080720.D
Acq: 31 Jul 2015 5:34

Tgt Ion: 278 Resp: 552308
Ion Ratio Lower Upper
278 100
139 15.4 9.8 14.8#
279 24.8 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 41.17 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF080720.D

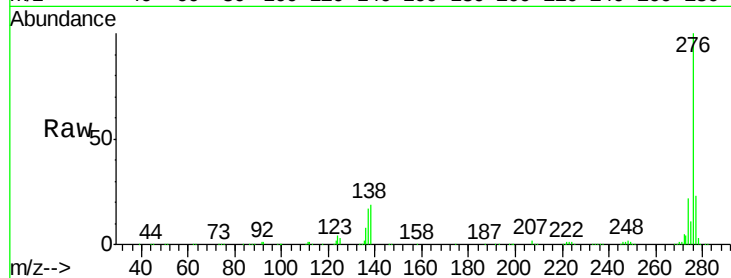
Acq: 31 Jul 2015 5:34

Instrument :

BNA_F

ClientSampleId :

PB84701BS



Tgt Ion: 276 Resp: 559360

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 19.4 16.9 25.3

