

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080313.D
 Acq On : 2 Jul 2015 17:33
 Operator : TP/UM
 Sample : PB84335BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Quant Time: Jul 03 04:16:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31014	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	118353	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	53963	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	118559	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	127079	20.00	ng	-0.13
86) Perylene-d12	16.55	264	121622	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	228659	127.68	ng	0.00
7) Phenol-d6	6.84	99	294463	122.48	ng	0.00
23) Nitrobenzene-d5	7.80	82	171286	79.68	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	80204	156.09	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	377998	100.82	ng	0.00
78) Terphenyl-d14	13.47	244	454729	83.82	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	27030	125.77	ng	# 100
3) Pyridine	3.90	79	80835	36.47	ng	99
4) n-Nitrosodimethylamine	3.80	42	41253	41.78	ng	98
6) Aniline	6.90	93	82908	25.79	ng	90
8) 2-Chlorophenol	7.02	128	87326	44.39	ng	94
9) Benzaldehyde	6.78	77	50819	38.68	ng	95
10) Phenol	6.86	94	104069	39.14	ng	86
11) bis(2-Chloroethyl)ether	6.96	93	74946	37.26	ng	92
12) 1,3-Dichlorobenzene	7.18	146	99891	41.60	ng	97
13) 1,4-Dichlorobenzene	7.26	146	90101	37.69	ng	93
14) 1,2-Dichlorobenzene	7.41	146	93483	39.35	ng	96
15) Benzyl Alcohol	7.37	79	73770	39.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	125257	40.59	ng	99
17) 2-Methylphenol	7.48	107	61560	36.20	ng	94
18) Hexachloroethane	7.77	117	28908	38.73	ng	# 66
19) n-Nitroso-di-n-propylamine	7.63	70	56848	35.57	ng	# 92
20) 3+4-Methylphenols	7.63	107	89450	39.60	ng	90
22) Acetophenone	7.64	105	123945	44.82	ng	# 94
24) Nitrobenzene	7.81	77	85596	38.40	ng	95
25) Isophorone	8.05	82	164340	39.34	ng	95
26) 2-Nitrophenol	8.14	139	37481	38.51	ng	# 74
27) 2,4-Dimethylphenol	8.17	122	76481	42.80	ng	92
28) bis(2-Chloroethoxy)methane	8.26	93	108615	43.32	ng	98
29) 2,4-Dichlorophenol	8.38	162	67772	41.06	ng	89
30) 1,2,4-Trichlorobenzene	8.48	180	72059	37.43	ng	# 92
31) Naphthalene	8.56	128	250828	41.60	ng	98
32) Benzoic acid	8.22	122	28062	68.63	ng	93
33) 4-Chloroaniline	8.59	127	56940	22.26	ng	95
34) Hexachlorobutadiene	8.67	225	45115	37.20	ng	98
35) Caprolactam	8.93	113	20663	41.26	ng	# 74
36) 4-Chloro-3-methylphenol	9.06	107	68805	38.51	ng	87
37) 2-Methylnaphthalene	9.24	142	157340	38.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	75411	41.99	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	63906	89.38	ng	97

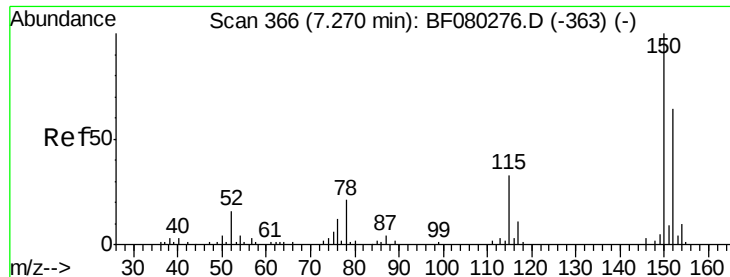
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080313.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	47497	41.78	ng	98
43) 2,4,5-Trichlorophenol	9.56	196	57542	46.99	ng #	92
45) 1,1'-Biphenyl	9.71	154	219991	47.94	ng	98
46) 2-Chloronaphthalene	9.74	162	154797	43.58	ng #	91
47) 2-Nitroaniline	9.82	65	49708	48.66	ng #	79
48) Acenaphthylene	10.16	152	250391	40.59	ng	99
49) Dimethylphthalate	10.00	163	192804	46.77	ng	99
50) 2,6-Dinitrotoluene	10.06	165	43277	51.35	ng #	72
51) Acenaphthene	10.34	154	165847	46.70	ng	87
52) 3-Nitroaniline	10.24	138	28834	29.83	ng	85
53) 2,4-Dinitrophenol	10.34	184	33682	90.81	ng #	68
54) Dibenzofuran	10.51	168	231306	46.15	ng	91
55) 4-Nitrophenol	10.38	139	74061	103.65	ng #	75
56) 2,4-Dinitrotoluene	10.48	165	52493	48.04	ng #	66
57) Fluorene	10.85	166	197240	47.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	46739	48.97	ng #	95
59) Diethylphthalate	10.70	149	200809	51.25	ng	94
60) 4-Chlorophenyl-phenylether	10.84	204	88217	46.92	ng #	81
61) 4-Nitroaniline	10.85	138	42190	42.94	ng	79
62) Azobenzene	11.00	77	179788	44.61	ng	84
64) 4,6-Dinitro-2-methylphenol	10.89	198	25375	49.41	ng #	47
65) n-Nitrosodiphenylamine	10.96	169	157199	40.35	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	57416	44.81	ng #	89
67) Hexachlorobenzene	11.41	284	61599	44.85	ng #	95
68) Atrazine	11.47	200	55011	46.71	ng	94
69) Pentachlorophenol	11.60	266	60630	81.25	ng	99
70) Phenanthrene	11.82	178	304974	42.93	ng	99
71) Anthracene	11.88	178	301660	44.26	ng	99
72) Carbazole	12.03	167	277735	43.58	ng	99
73) Di-n-butylphthalate	12.36	149	295733	43.25	ng	99
74) Fluoranthene	13.07	202	320635	43.69	ng	96
76) Benzidine	13.20	184	178831	48.06	ng	98
77) Pyrene	13.32	202	337590	41.50	ng	99
79) Butylbenzylphthalate	14.01	149	134149	43.01	ng #	80
80) Benzo(a)anthracene	14.71	228	328729	42.81	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	78519	31.32	ng #	98
82) Chrysene	14.75	228	303195	42.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	199524	45.45	ng	99
84) Di-n-octyl phthalate	15.48	149	324586	43.88	ng	98
85) Indeno(1,2,3-cd)pyrene	18.32	276	347513	43.66	ng	98
87) Benzo(b)fluoranthene	16.03	252	313674	40.83	ng #	96
88) Benzo(k)fluoranthene	16.07	252	319982	44.23	ng #	97
89) Benzo(a)pyrene	16.47	252	306906	43.83	ng	98
90) Dibenzo(a,h)anthracene	18.34	278	289874	44.13	ng	97
91) Benzo(g,h,i)perylene	18.85	276	292928	42.74	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

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PB84335BS

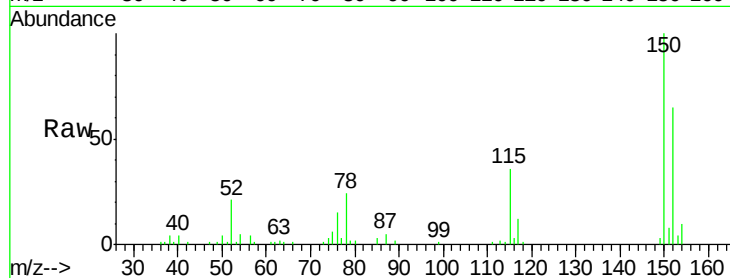
Tgt Ion:152 Resp: 31014

Ion Ratio Lower Upper

152 100

150 154.5 124.7 187.1

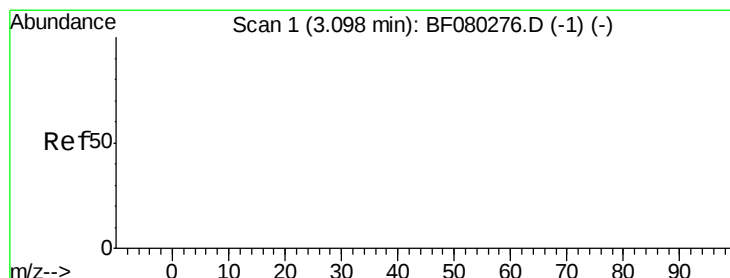
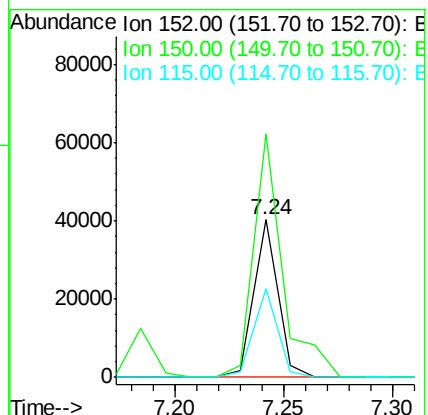
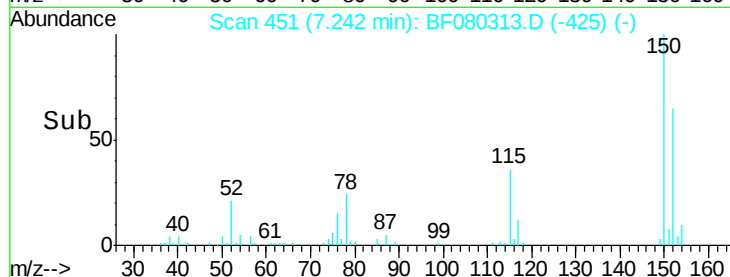
115 56.1 41.0 61.6



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: 125.77 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

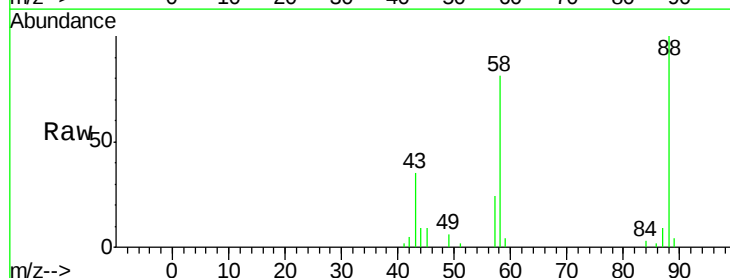
Tgt Ion: 88 Resp: 27030

Ion Ratio Lower Upper

88 100

58 84.7 0.0 0.0#

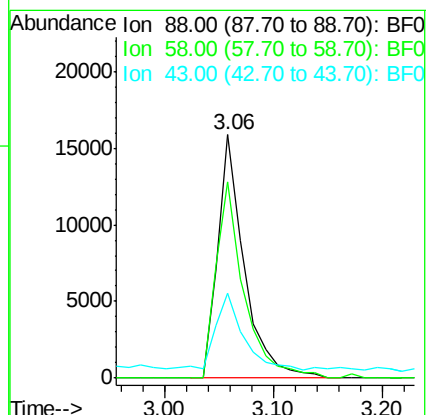
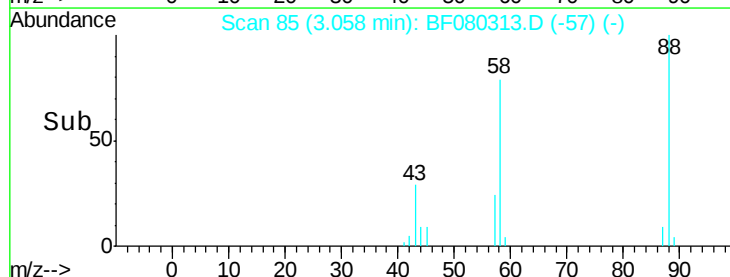
43 32.5 0.0 0.0#

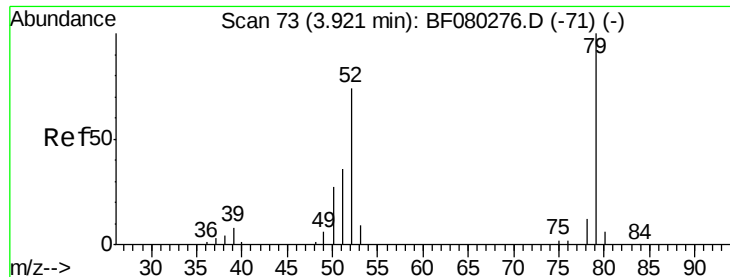


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.47 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

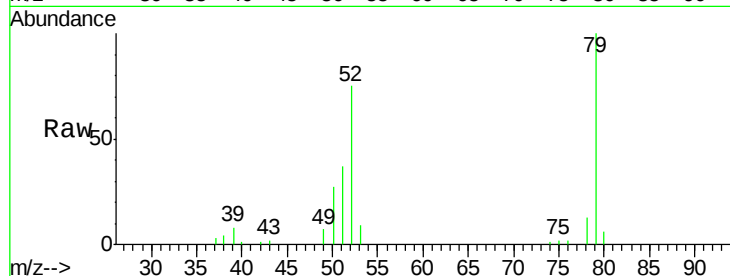
Tgt Ion: 79 Resp: 80835

Ion Ratio Lower Upper

79 100

52 74.7 59.3 88.9

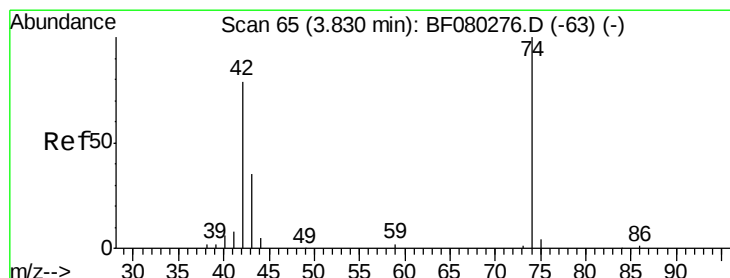
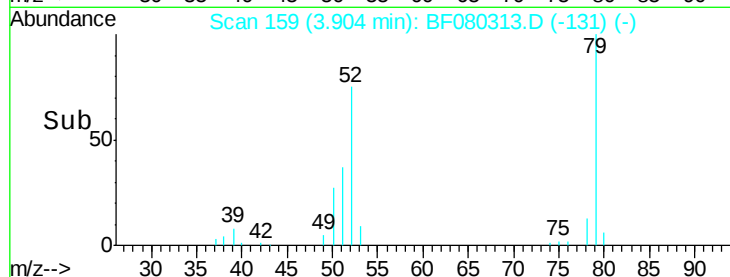
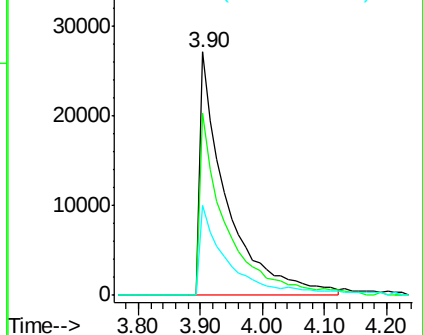
51 36.9 29.0 43.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.78 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.01 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

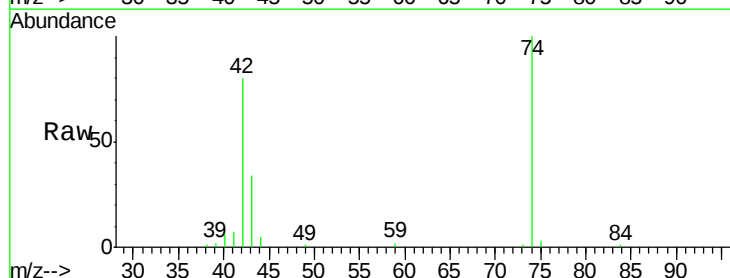
Tgt Ion: 42 Resp: 41253

Ion Ratio Lower Upper

42 100

74 124.6 101.4 152.2

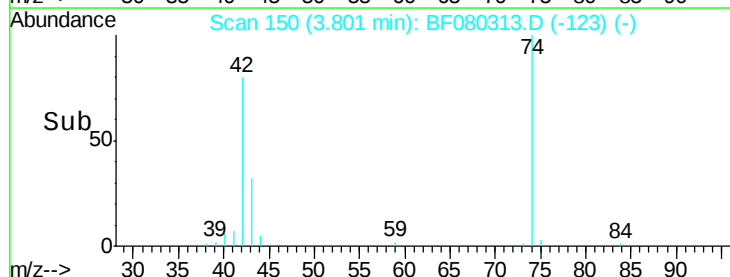
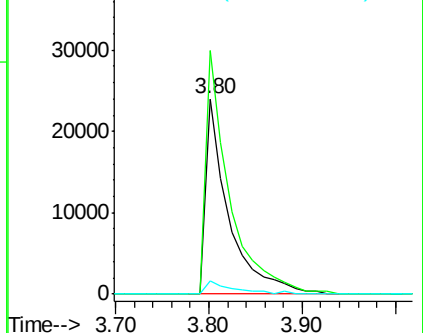
44 6.7 6.3 9.5

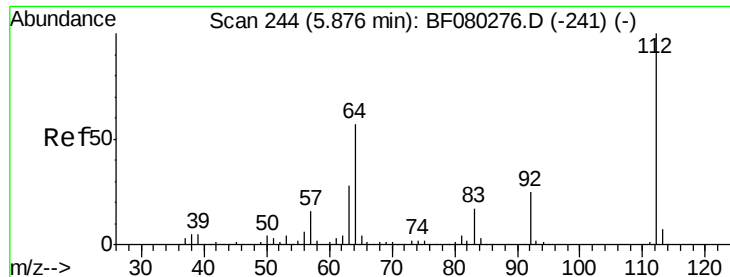


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.68 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

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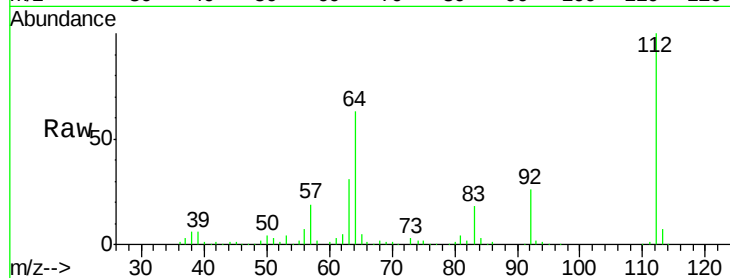
Tgt Ion: 112 Resp: 228659

Ion Ratio Lower Upper

112 100

64 62.6 45.5 68.3

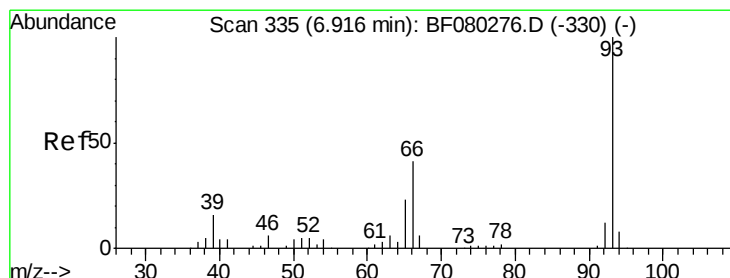
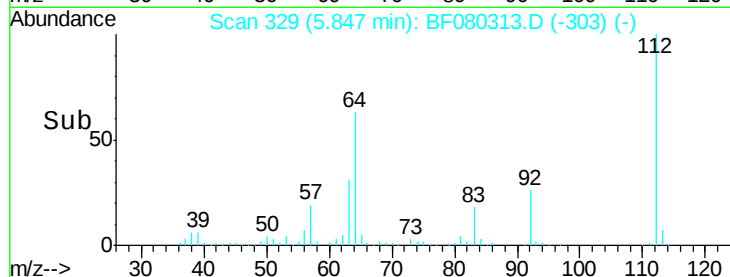
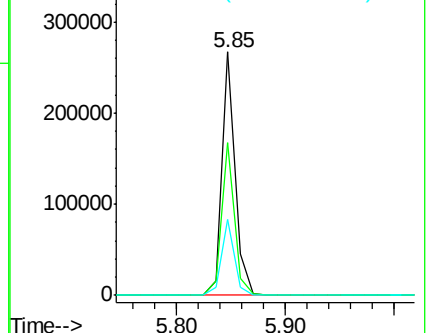
63 31.5 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.79 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

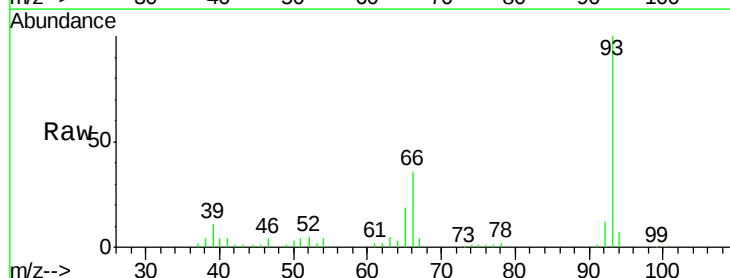
Tgt Ion: 93 Resp: 82908

Ion Ratio Lower Upper

93 100

66 35.6 33.7 50.5

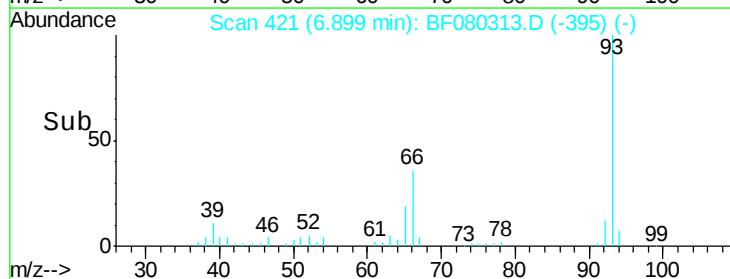
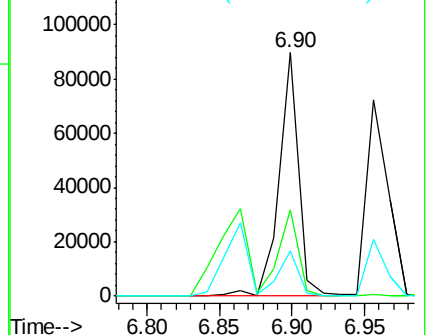
65 18.7 18.3 27.5

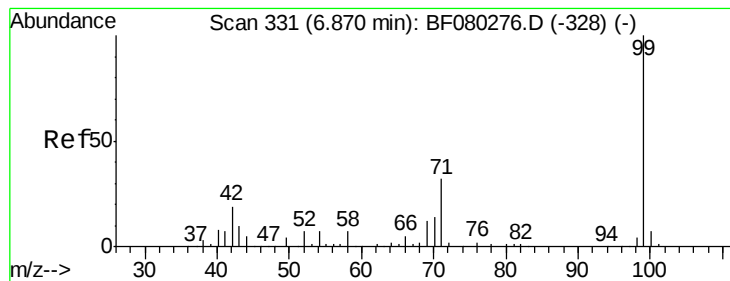


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.48 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

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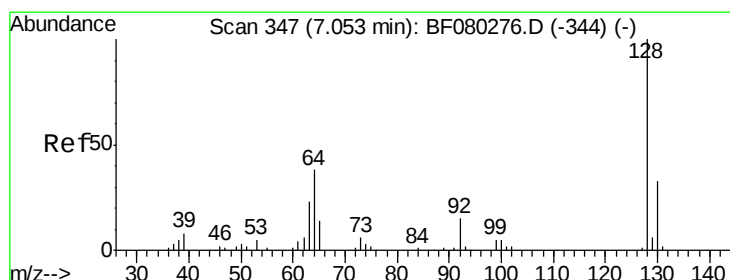
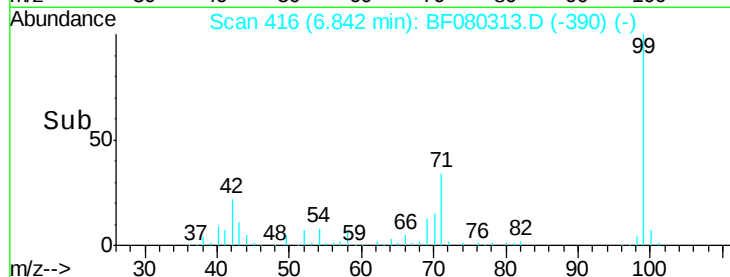
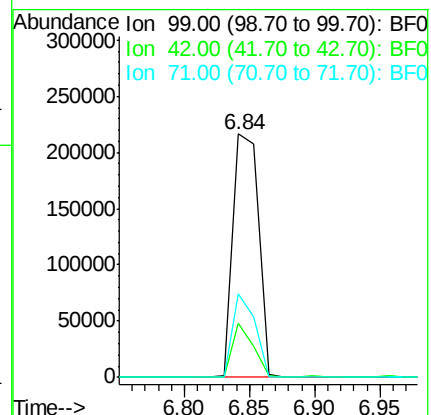
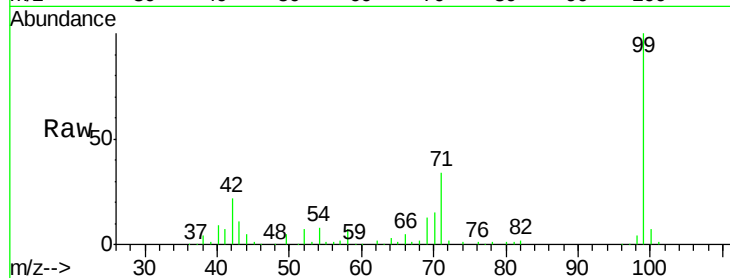
Tgt Ion: 99 Resp: 294463

Ion Ratio Lower Upper

99 100

42 22.0 15.4 23.2

71 34.4 25.8 38.8



#8

2-Chlorophenol

Concen: 44.39 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

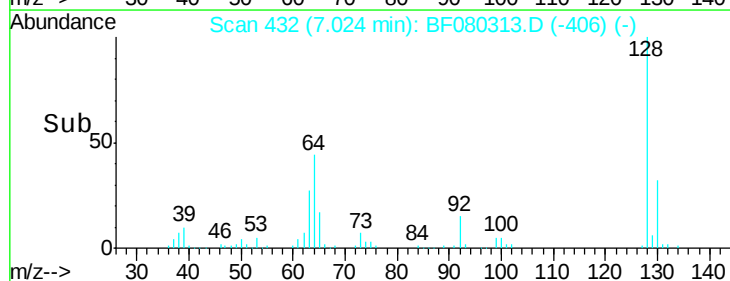
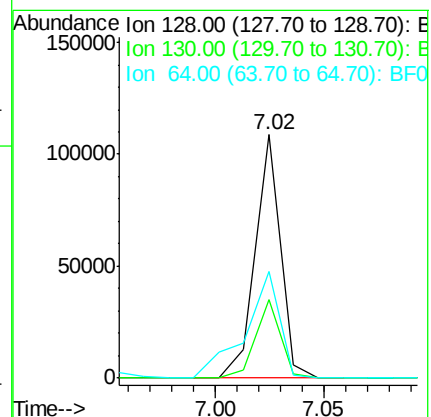
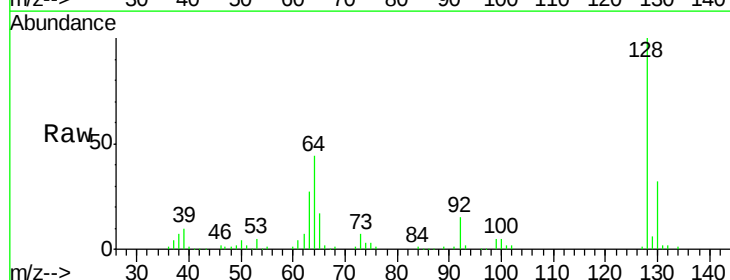
Tgt Ion: 128 Resp: 87326

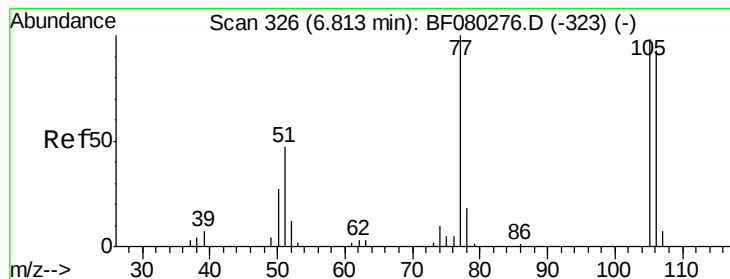
Ion Ratio Lower Upper

128 100

130 32.1 13.4 53.4

64 43.9 18.5 58.5





#9

Benzaldehyde

Concen: 38.68 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

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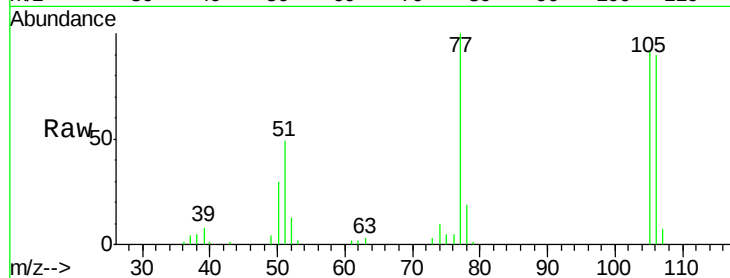
Tgt Ion: 77 Resp: 50819

Ion Ratio Lower Upper

77 100

105 92.3 78.2 118.2

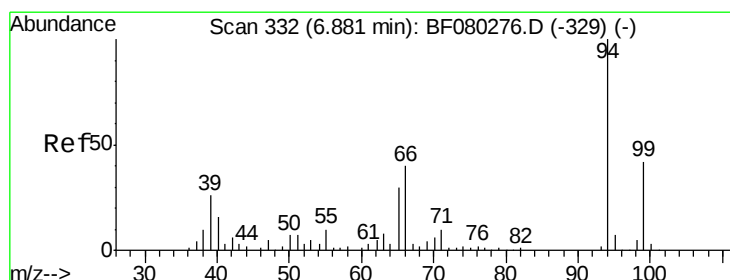
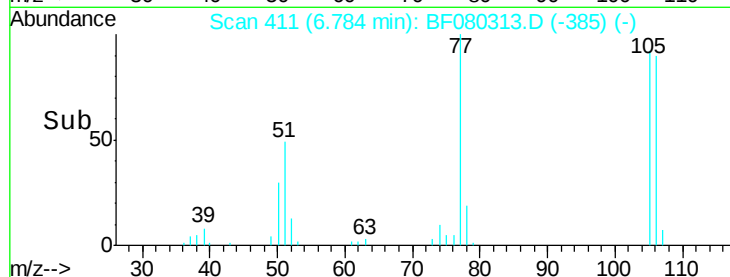
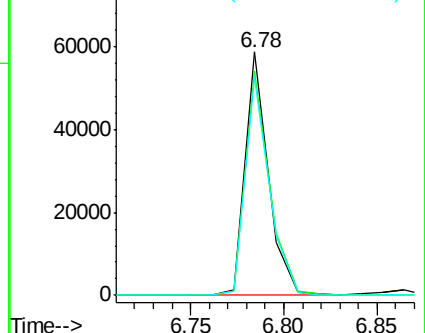
106 89.6 72.5 112.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.14 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

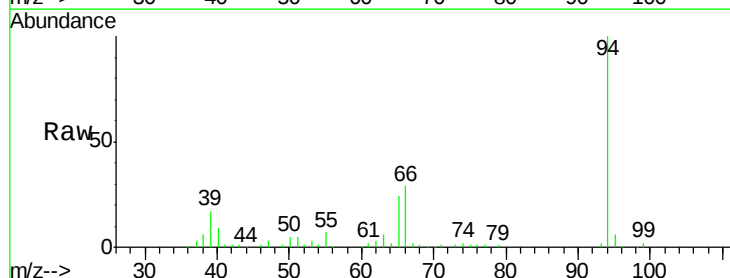
Tgt Ion: 94 Resp: 104069

Ion Ratio Lower Upper

94 100

65 24.4 9.6 49.6

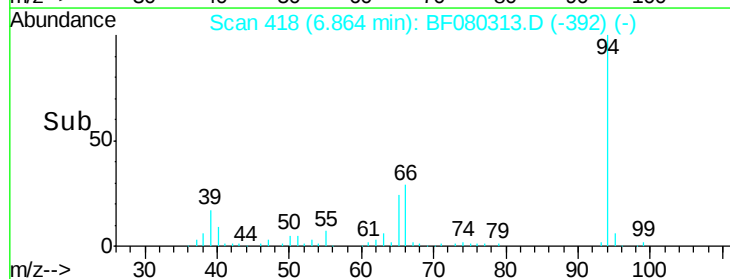
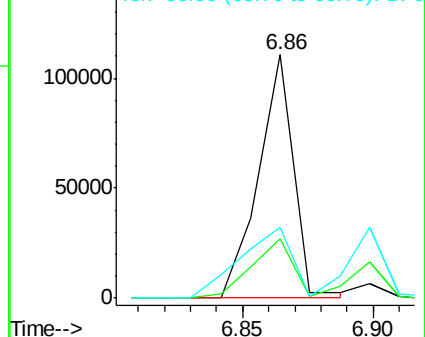
66 29.2 19.7 59.7

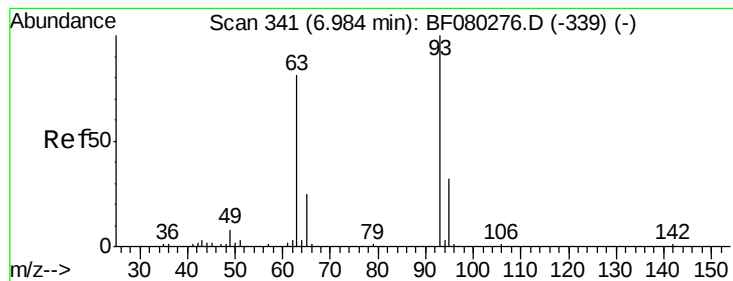


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.26 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

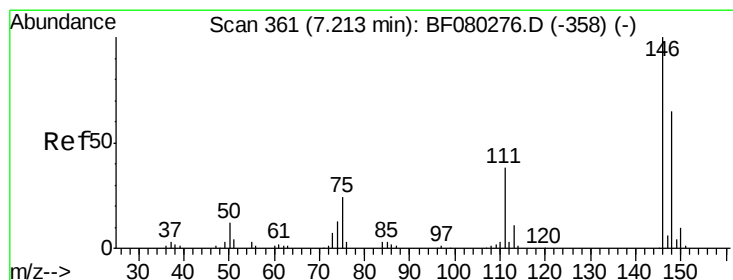
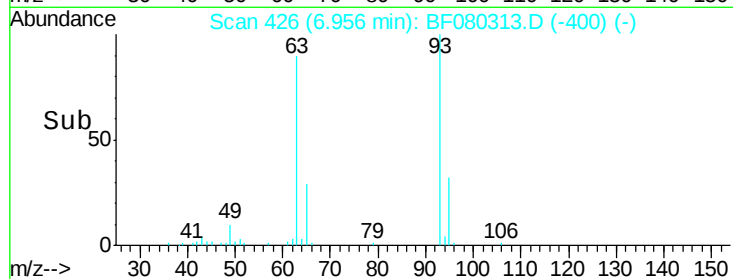
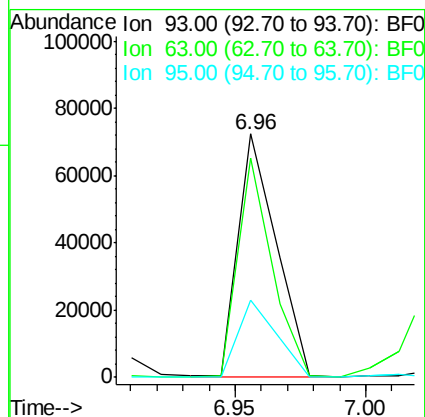
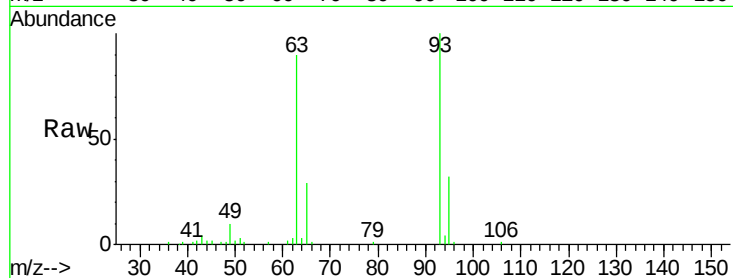
Tgt Ion: 93 Resp: 74946

Ion Ratio Lower Upper

93 100

63 90.3 61.0 101.0

95 31.6 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 41.60 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

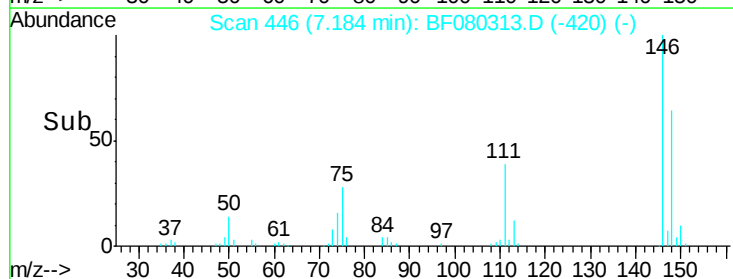
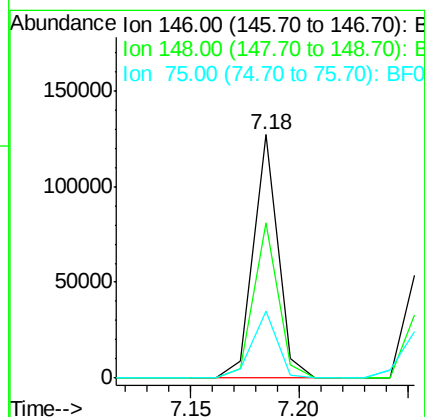
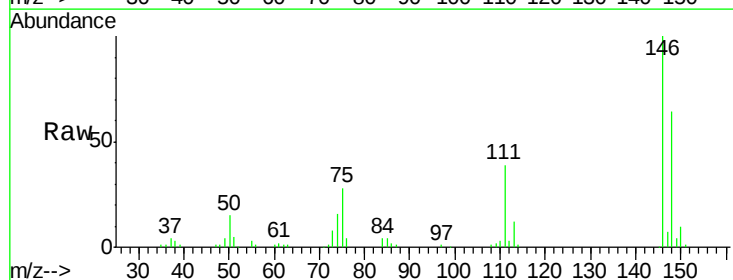
Tgt Ion: 146 Resp: 99891

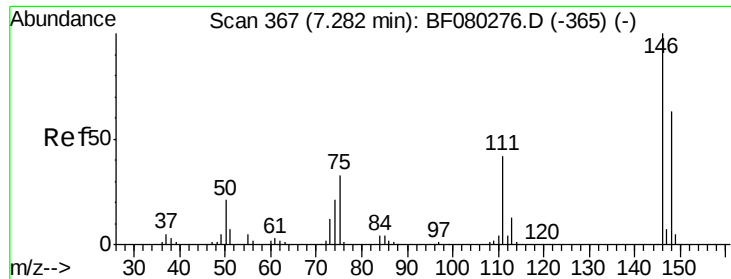
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 27.5 19.4 29.2

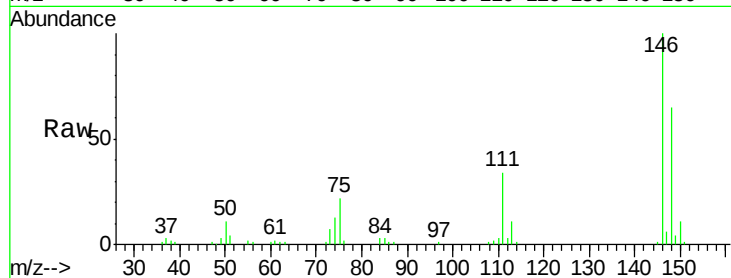




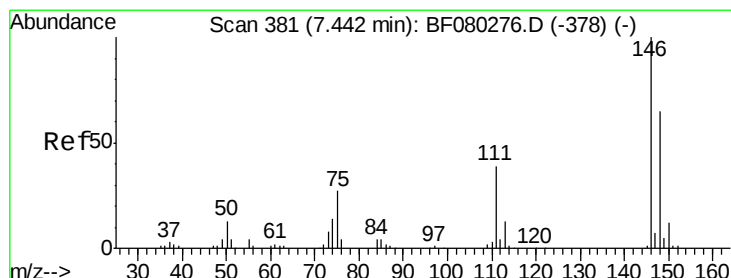
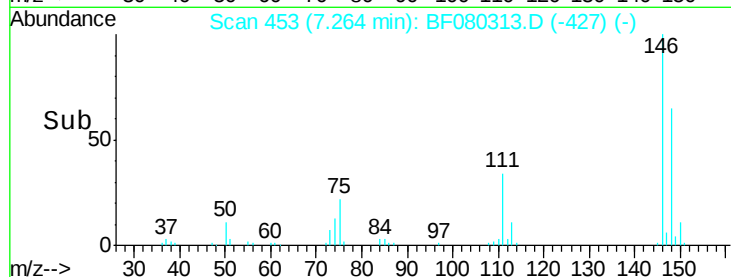
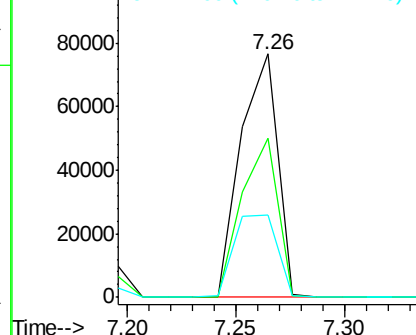
#13
 1,4-Dichlorobenzene
 Concen: 37.69 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:146 Resp: 90101
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.2 75.2
 111 34.0 33.8 50.8

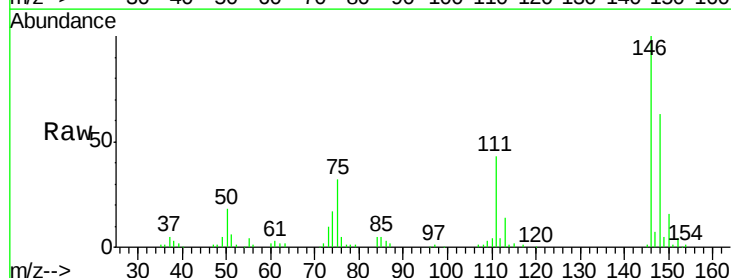


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

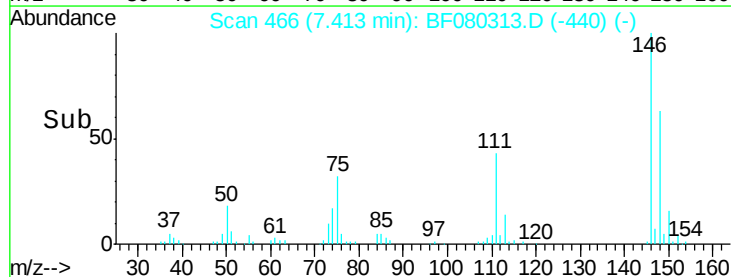
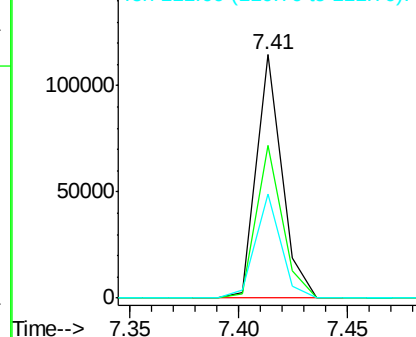


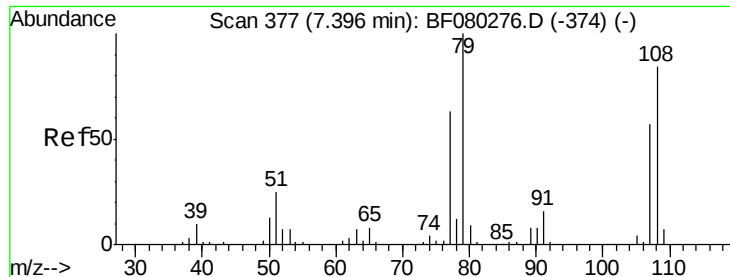
#14
 1,2-Dichlorobenzene
 Concen: 39.35 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:146 Resp: 93483
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.4
 111 42.8 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.86 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

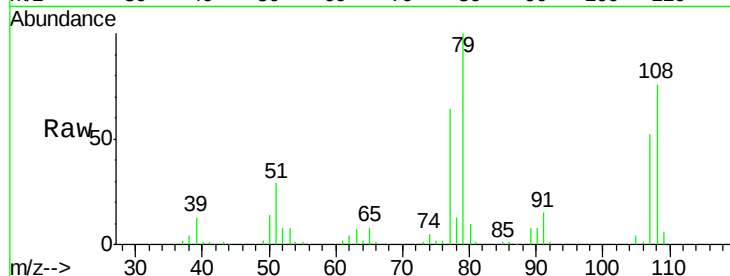
Tgt Ion: 79 Resp: 73770

Ion Ratio Lower Upper

79 100

108 76.2 67.1 100.7

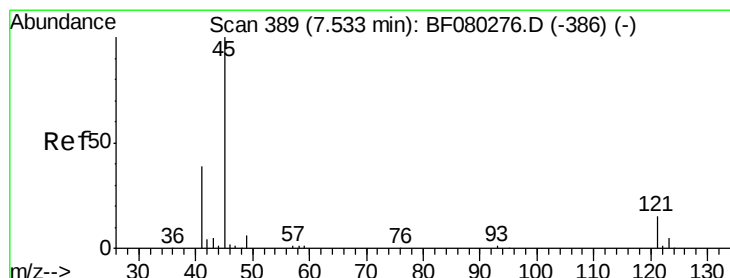
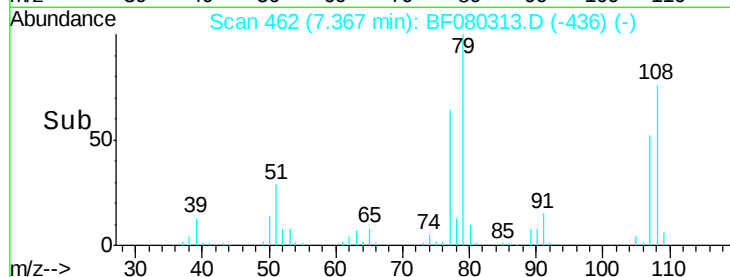
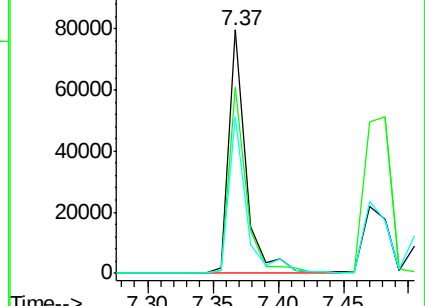
77 64.3 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.59 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

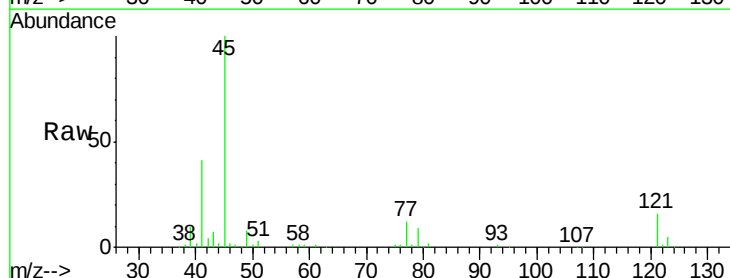
Tgt Ion: 45 Resp: 125257

Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.0

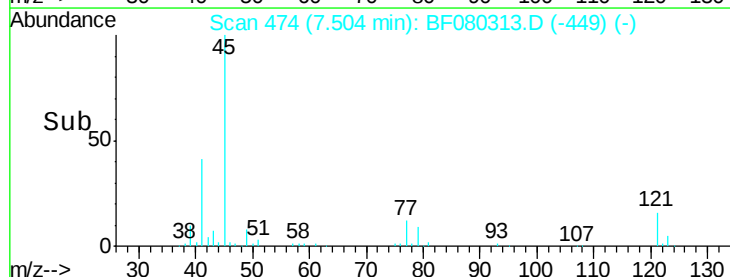
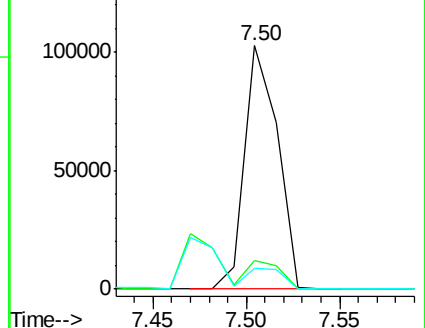
79 8.8 0.0 29.3

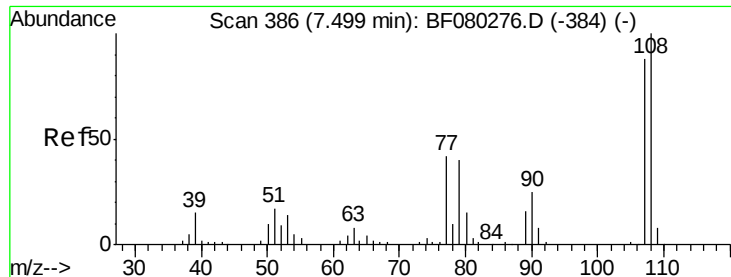


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

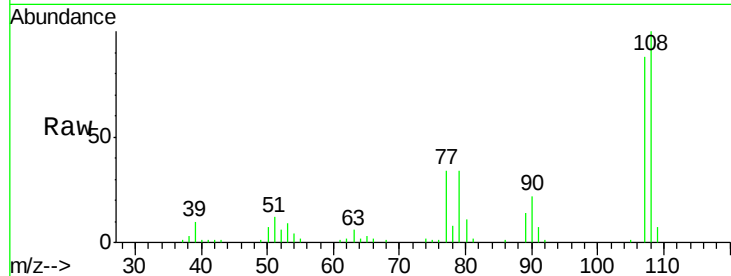




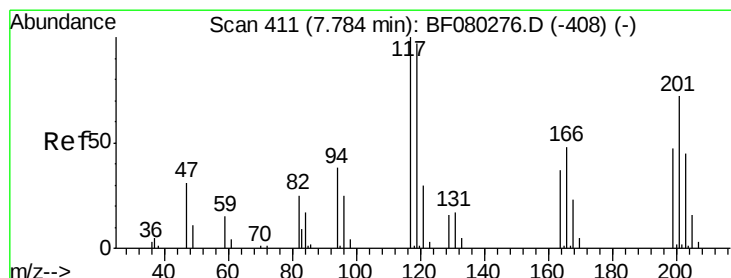
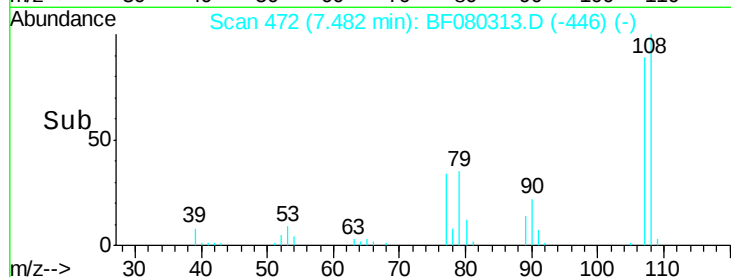
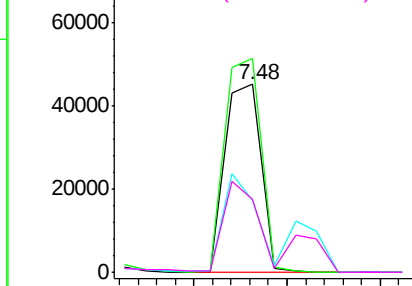
#17
2-Methylphenol
Concen: 36.20 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Instrument :
BNA_F
ClientSampleId :
PB84335BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.6	136.0
77	38.2	38.0	57.0
79	39.1	36.4	54.6

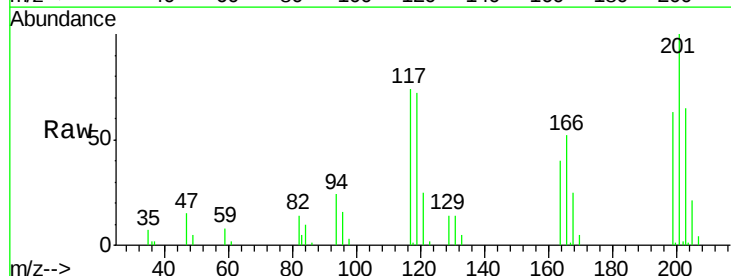


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

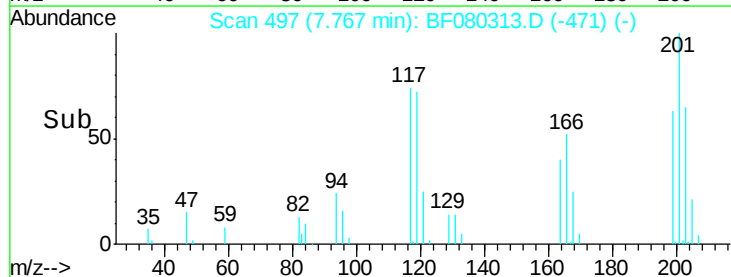
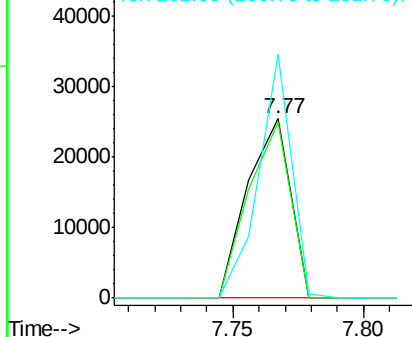


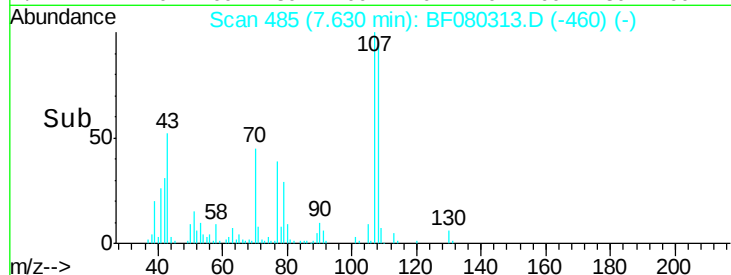
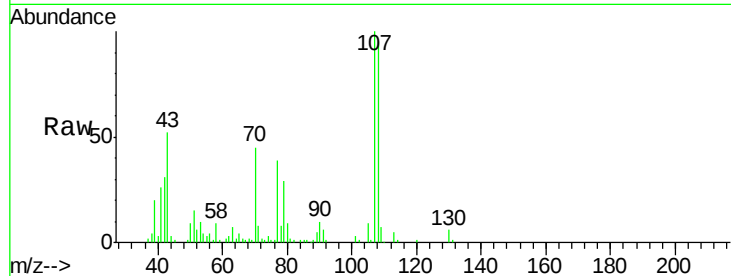
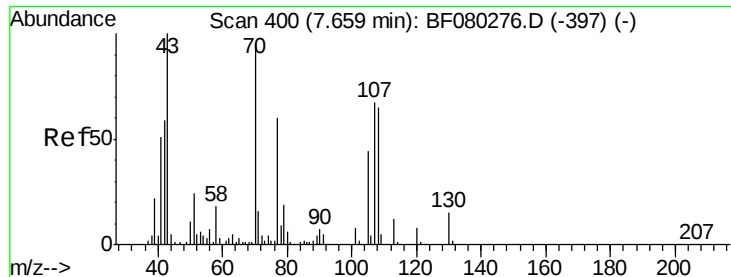
#18
Hexachloroethane
Concen: 38.73 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.3	115.9
201	136.0	57.5	86.3#



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

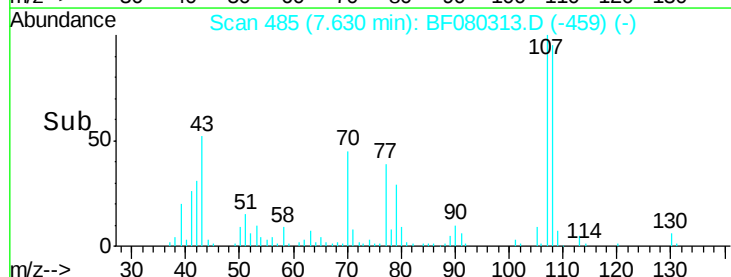
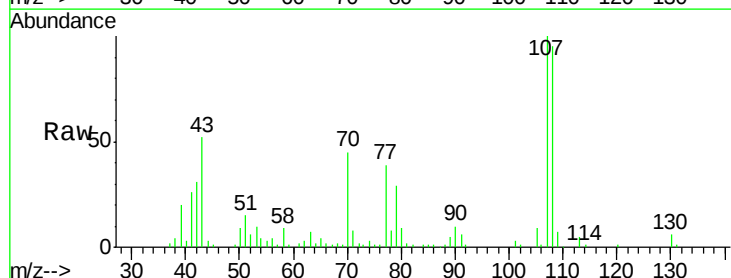
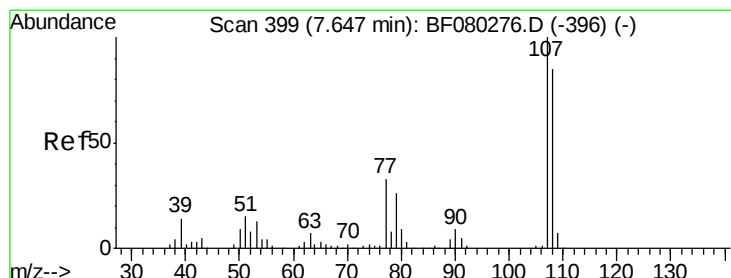
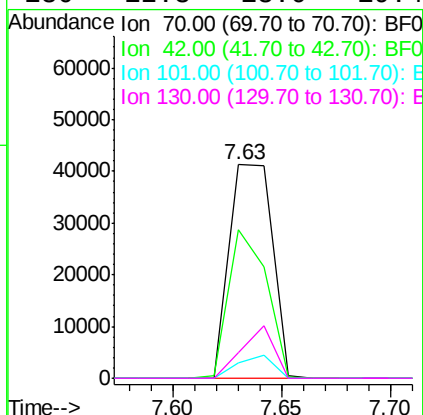




#19
n-Nitroso-di-n-propylamine
Concen: 35.57 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

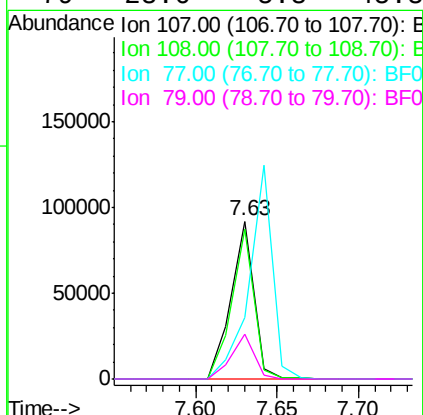
Instrument :
BNA_F
ClientSampleId :
PB84335BS

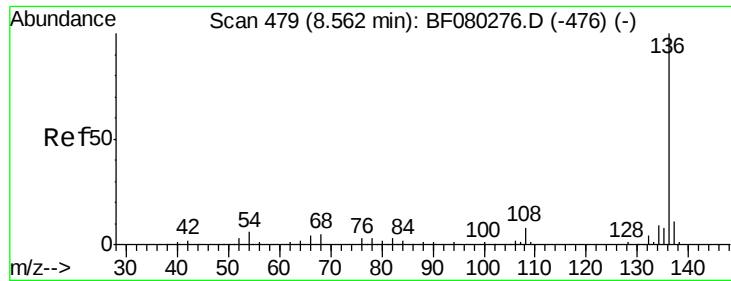
Tgt Ion: 70 Resp: 56848
Ion Ratio Lower Upper
70 100
42 69.2 49.8 74.8
101 7.4 6.8 10.2
130 12.3 13.0 19.4#



#20
3+4-Methylphenols
Concen: 39.60 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion: 107 Resp: 89450
Ion Ratio Lower Upper
107 100
108 95.0 64.9 104.9
77 39.3 12.9 52.9
79 28.6 5.8 45.8

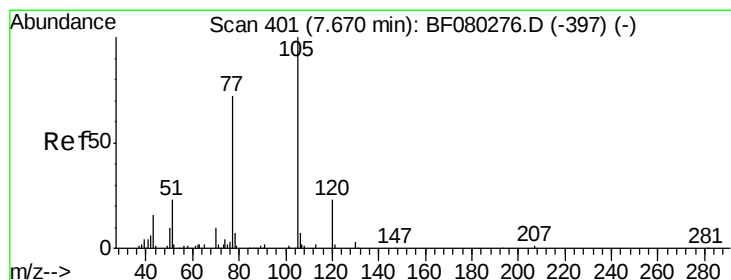
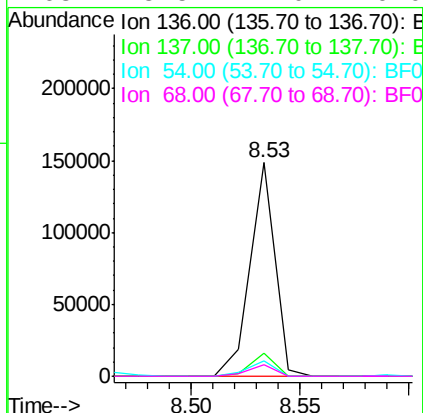
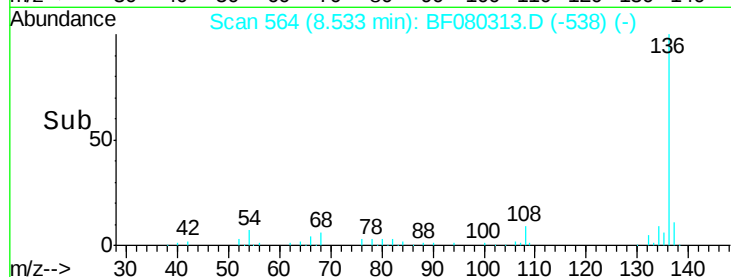
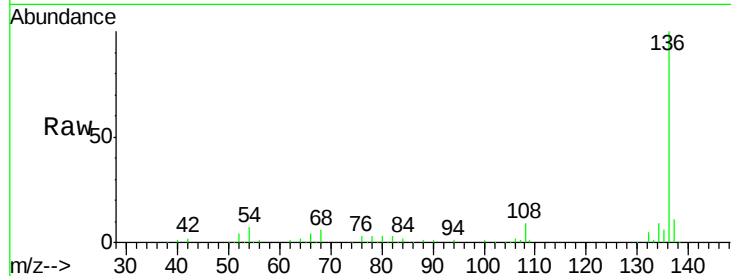




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

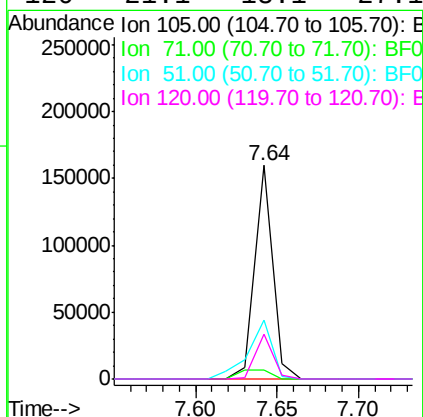
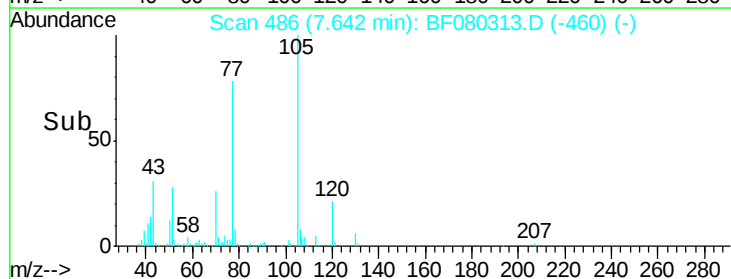
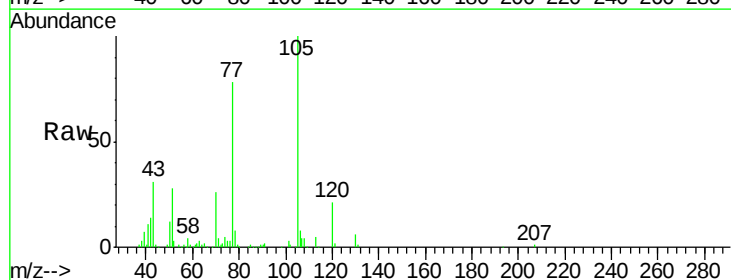
Instrument :
BNA_F
ClientSampleId :
PB84335BS

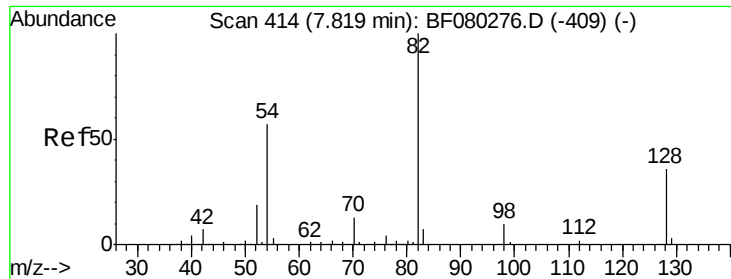
Tgt Ion:	136	Resp:	118353
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.0	4.9	7.3
68	5.5	4.0	6.0



#22
Acetophenone
Concen: 44.82 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:	105	Resp:	123945
Ion	Ratio	Lower	Upper
105	100		
71	4.3	1.4	2.0#
51	27.5	18.5	27.7
120	21.1	18.1	27.1

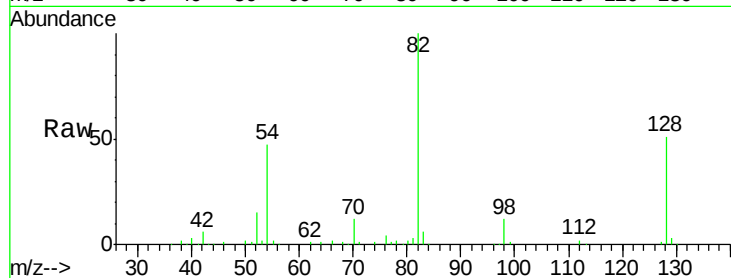




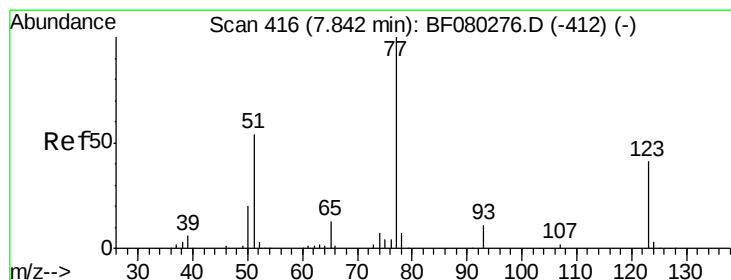
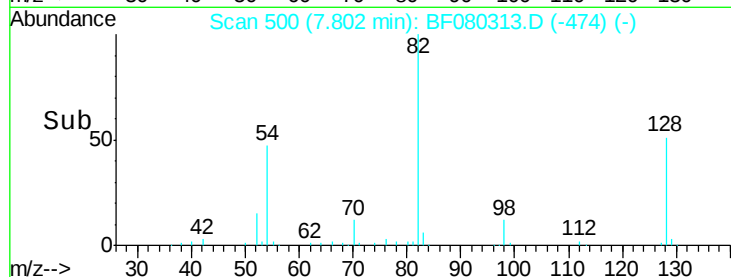
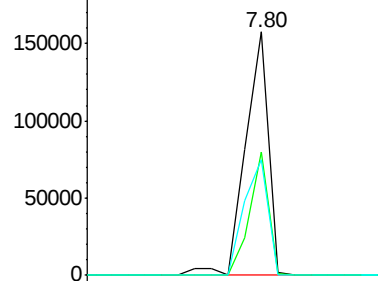
#23
 Nitrobenzene-d5
 Concen: 79.68 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion: 82 Resp: 171286
 Ion Ratio Lower Upper
 82 100
 128 50.6 29.0 43.4#
 54 47.3 45.3 67.9

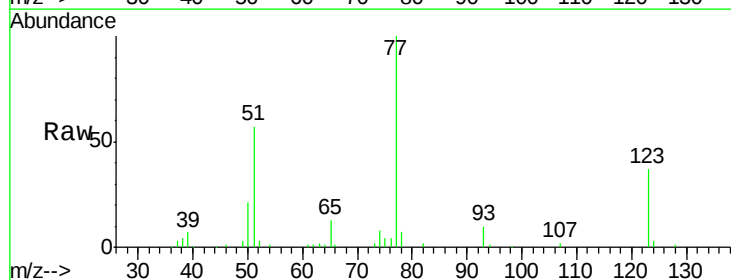


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

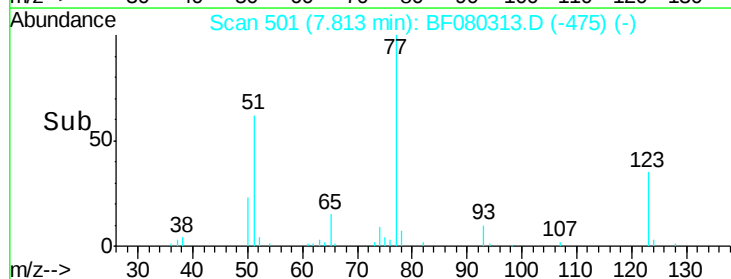
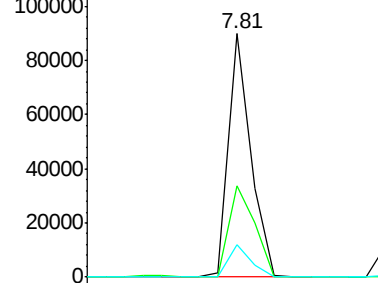


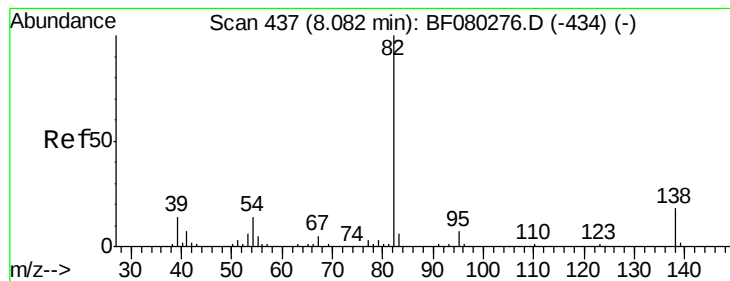
#24
 Nitrobenzene
 Concen: 38.40 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion: 77 Resp: 85596
 Ion Ratio Lower Upper
 77 100
 123 37.3 33.0 49.6
 65 13.4 10.6 15.8



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: 39.34 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

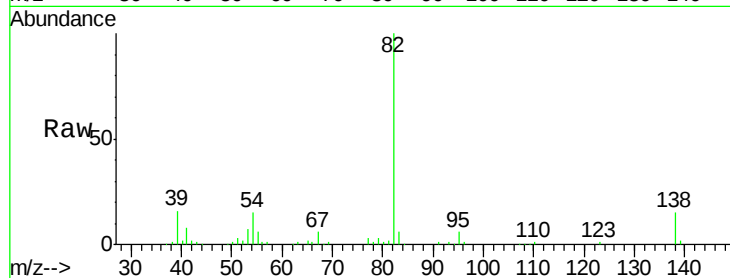
Tgt Ion: 82 Resp: 164340

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

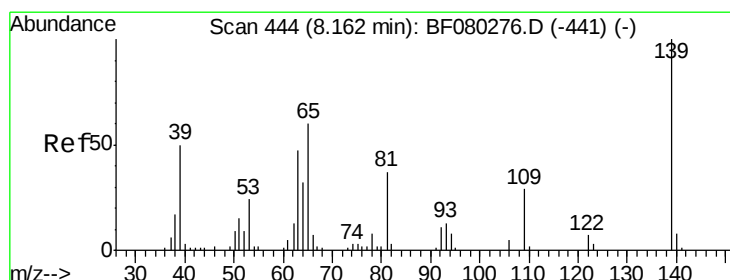
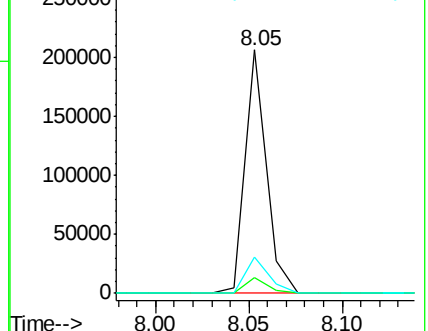
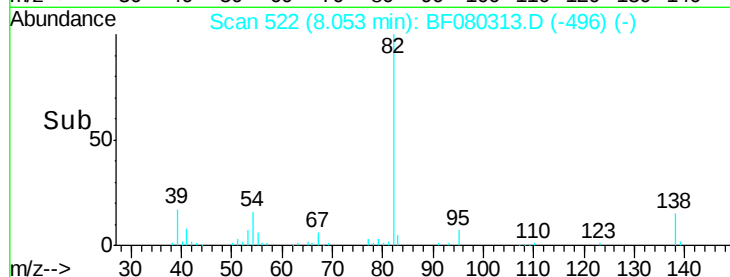
138 15.0 14.4 21.6



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: 38.51 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

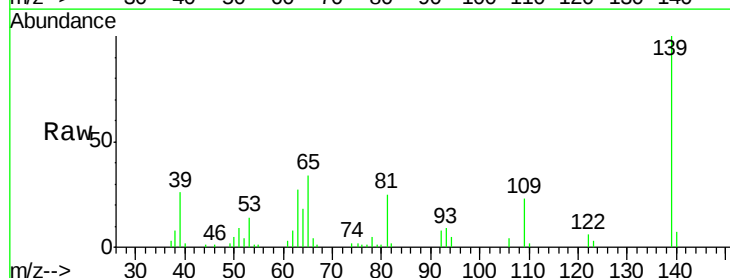
Tgt Ion: 139 Resp: 37481

Ion Ratio Lower Upper

139 100

109 23.0 23.1 34.7#

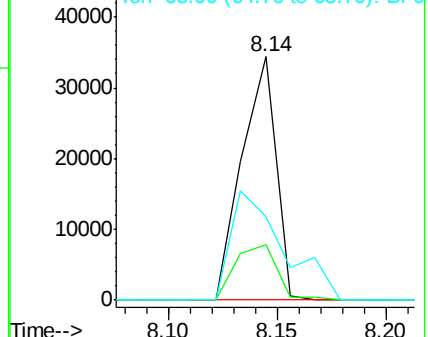
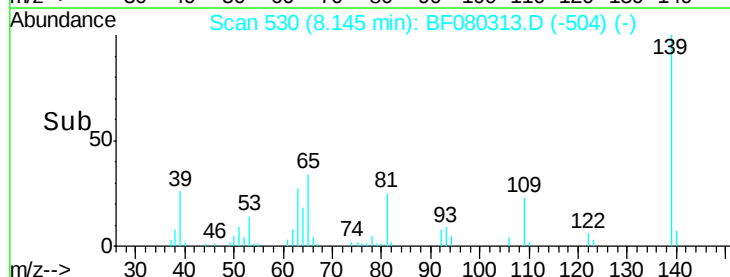
65 34.1 47.6 71.4#

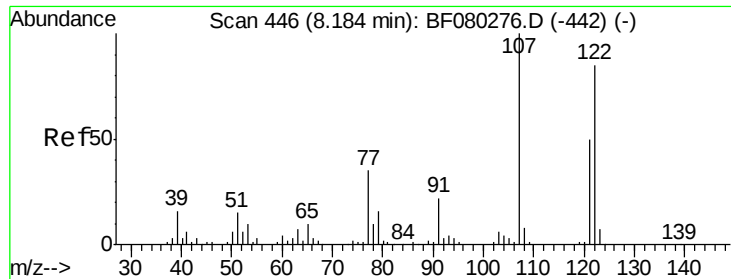


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.80 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampled :

PB84335BS

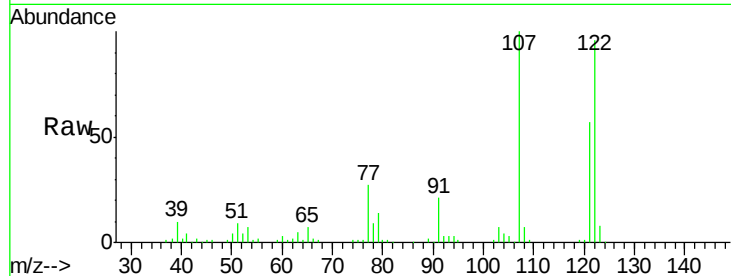
Tgt Ion:122 Resp: 76481

Ion Ratio Lower Upper

122 100

107 103.8 93.7 140.5

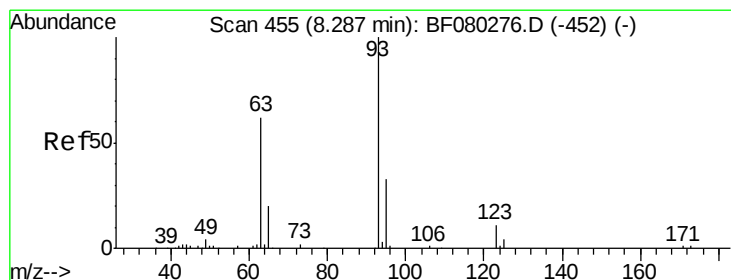
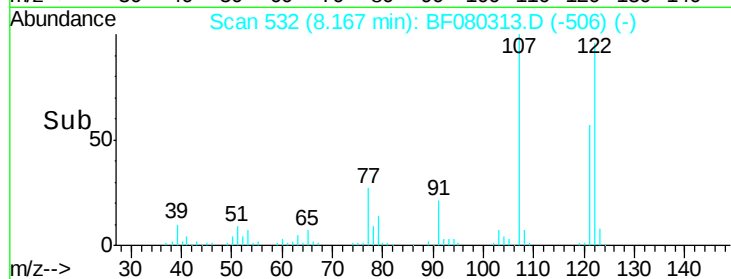
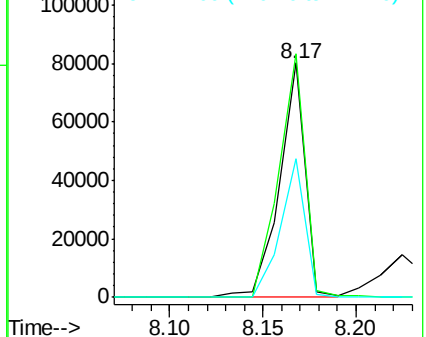
121 59.0 46.9 70.3



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: 43.32 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

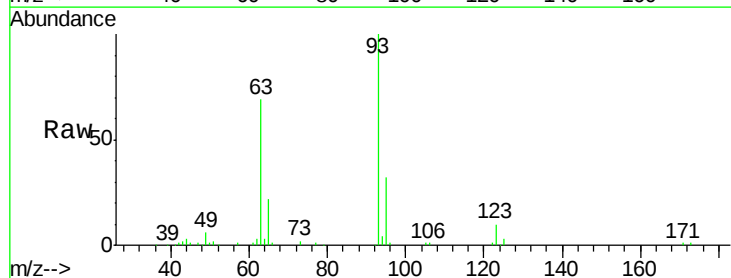
Tgt Ion: 93 Resp: 108615

Ion Ratio Lower Upper

93 100

95 32.5 26.6 39.8

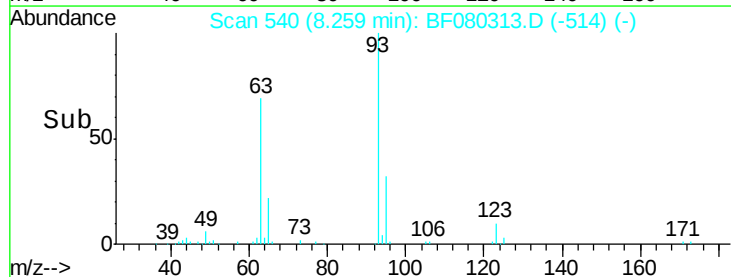
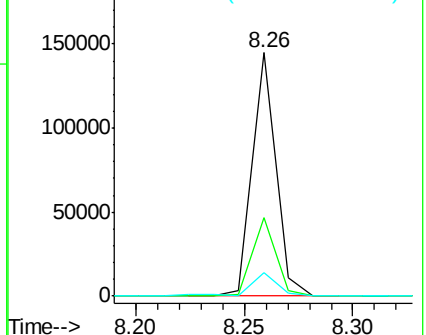
123 9.9 9.2 13.8

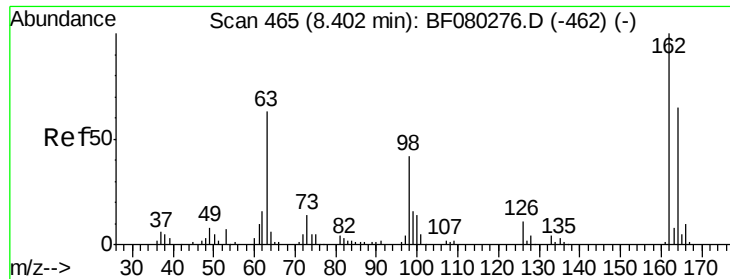


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

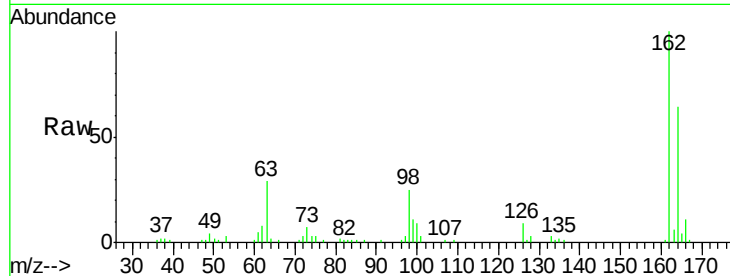




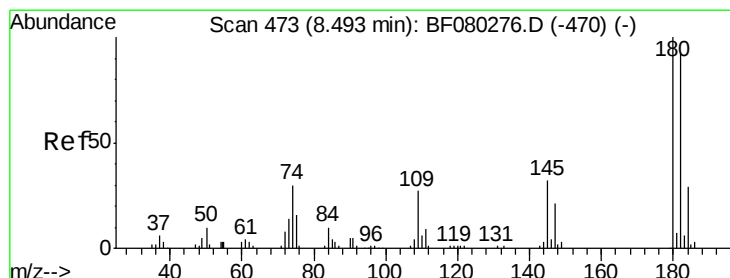
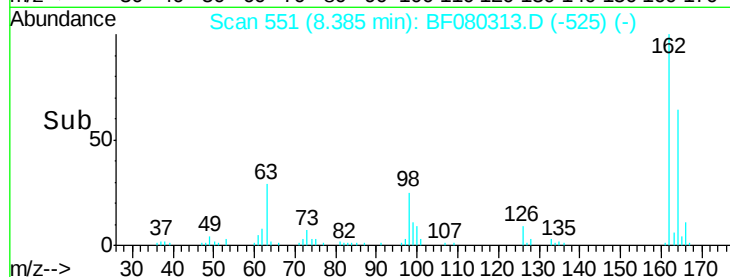
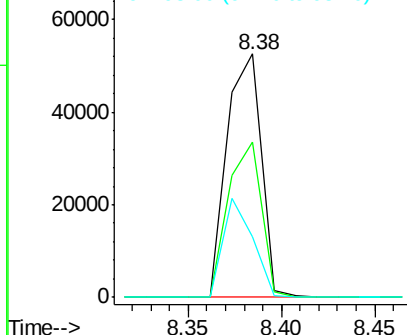
#29
 2,4-Dichlorophenol
 Concen: 41.06 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:162 Resp: 67772
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.6 84.6
 98 25.0 21.7 61.7

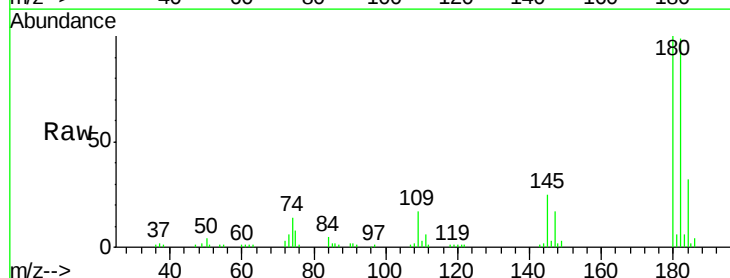


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

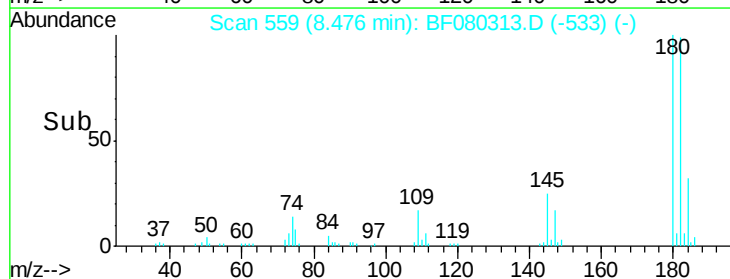
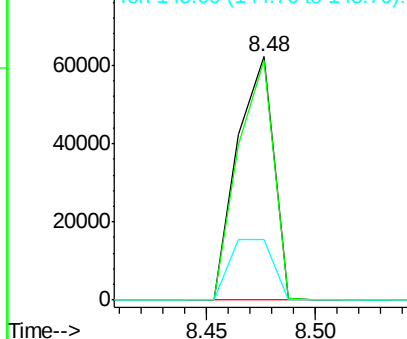


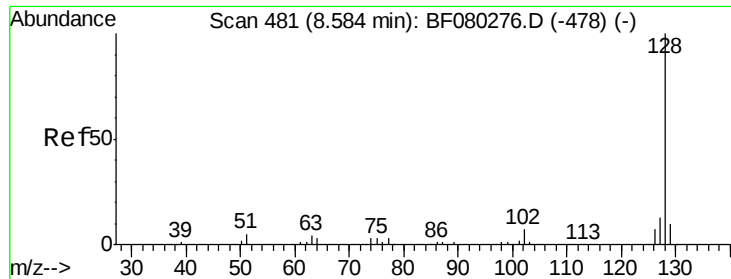
#30
 1,2,4-Trichlorobenzene
 Concen: 37.43 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:180 Resp: 72059
 Ion Ratio Lower Upper
 180 100
 182 98.6 73.8 110.6
 145 25.0 25.6 38.4#



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

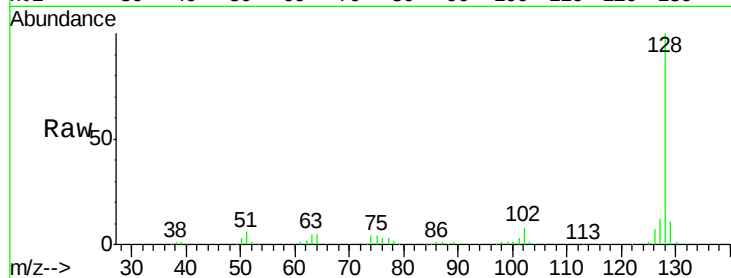




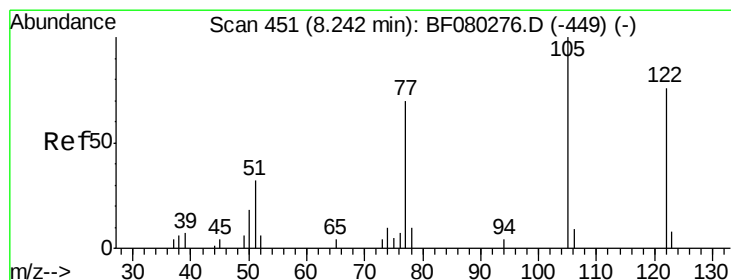
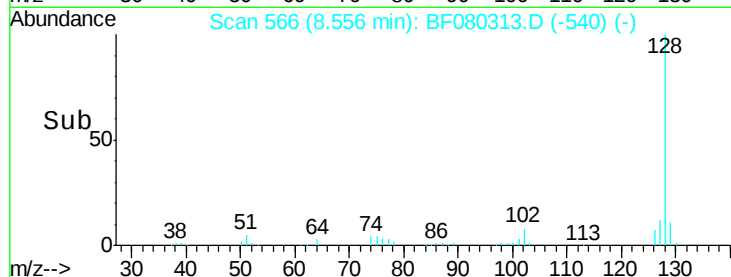
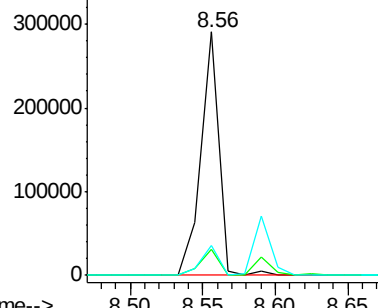
#31
Naphthalene
Concen: 41.60 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Instrument :
BNA_F
ClientSampleId :
PB84335BS

Tgt Ion:128 Resp: 250828
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 12.3 10.4 15.6

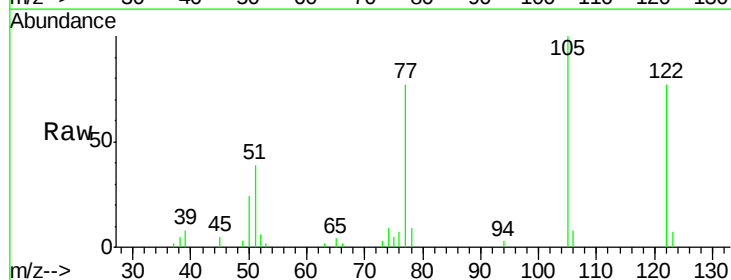


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

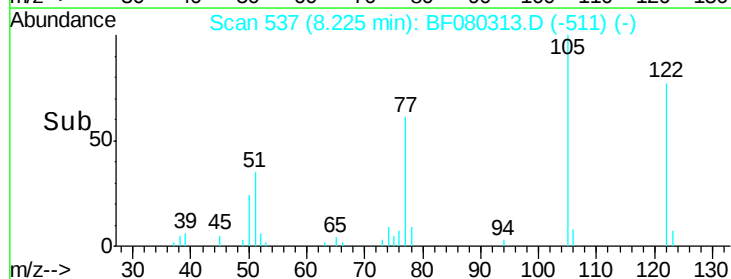
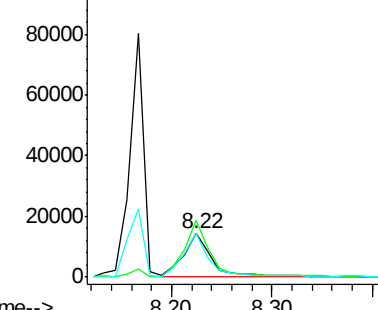


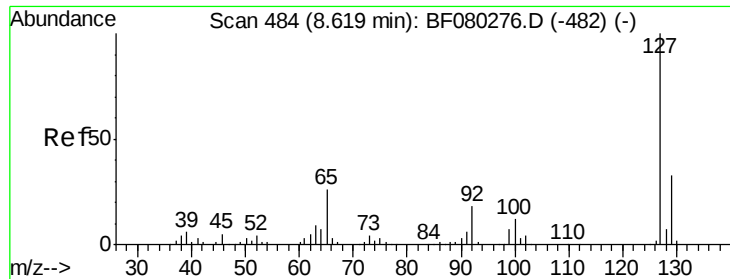
#32
Benzoic acid
Concen: 68.63 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:122 Resp: 28062
Ion Ratio Lower Upper
122 100
105 129.1 103.3 143.3
77 99.5 71.5 111.5



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

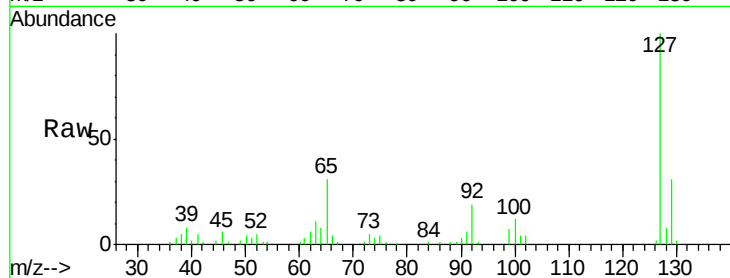




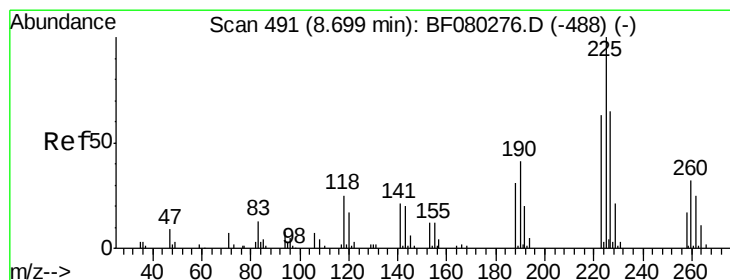
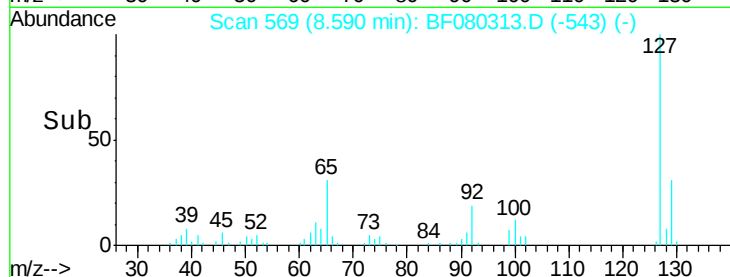
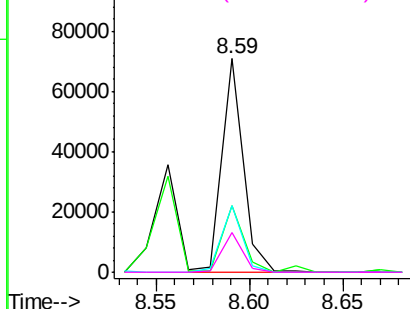
#33
4-Chloroaniline
Concen: 22.26 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Instrument :
BNA_F
ClientSampleId :
PB84335BS

Tgt Ion:	127	Resp:	56940
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.4	39.6
65	31.0	21.0	31.6
92	18.6	14.1	21.1

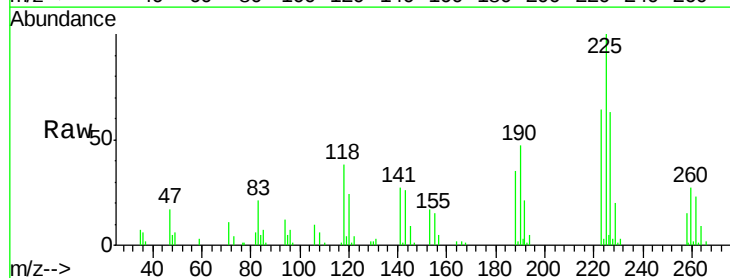


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

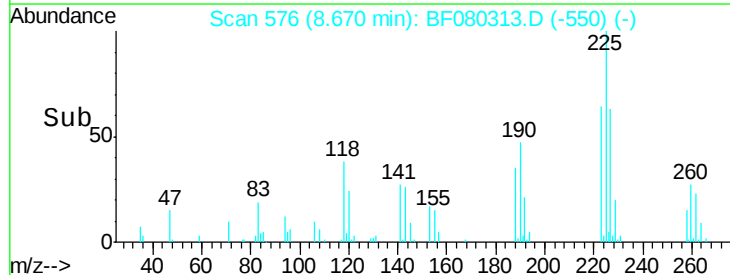
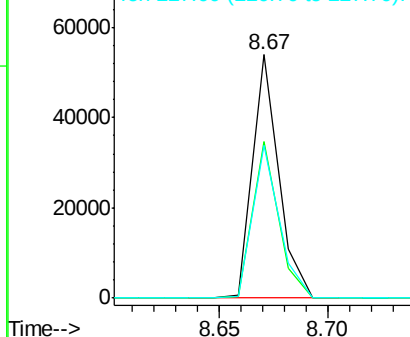


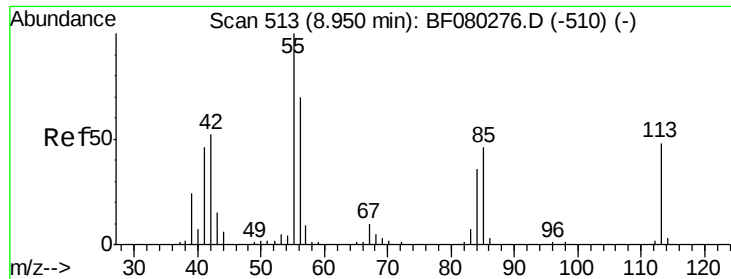
#34
Hexachlorobutadiene
Concen: 37.20 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:	225	Resp:	45115
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.5	75.7
227	62.5	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

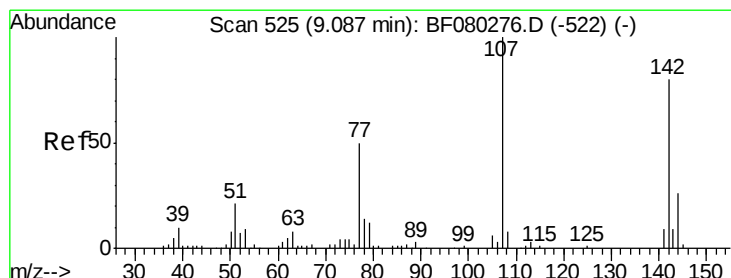
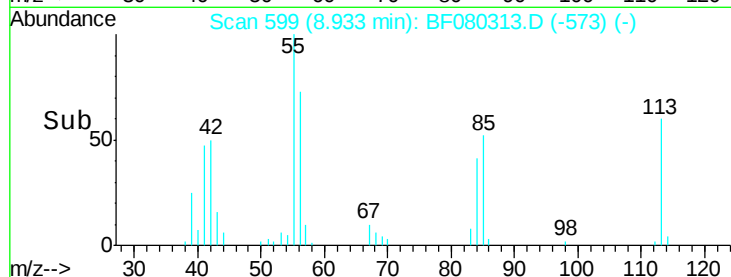
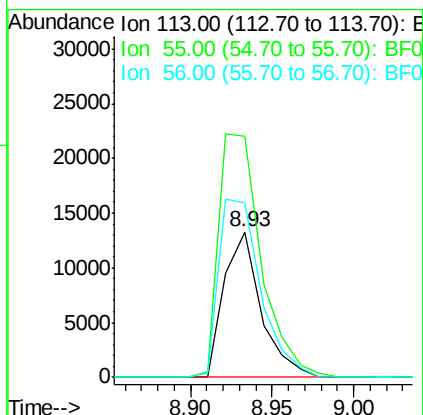
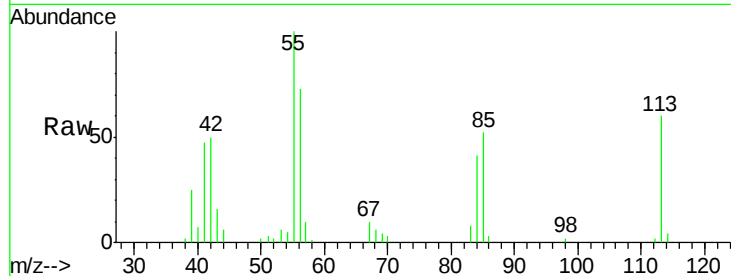




#35
 Caprolactam
 Concen: 41.26 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

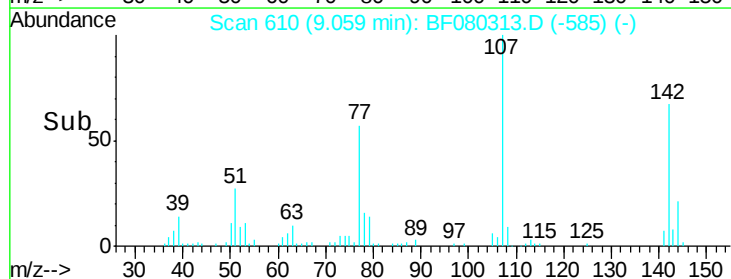
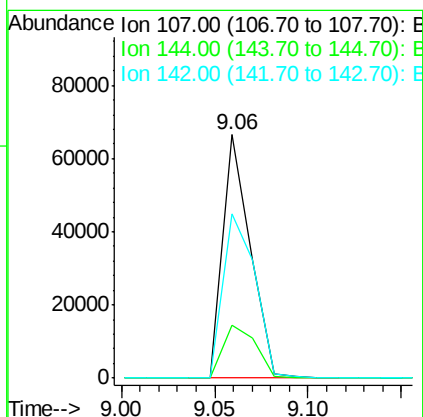
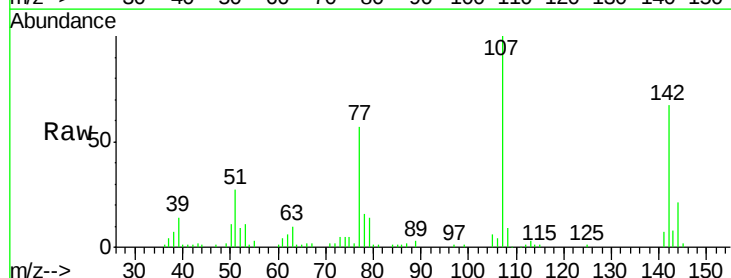
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

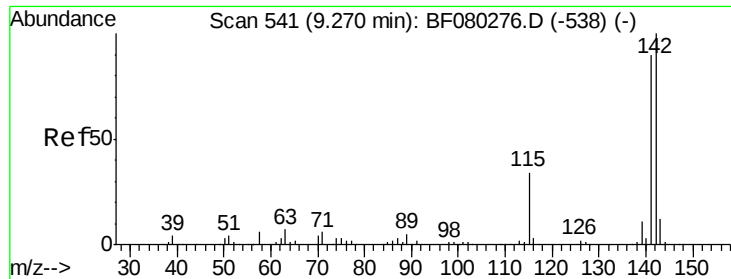
Tgt Ion:113 Resp: 20663
 Ion Ratio Lower Upper
 113 100
 55 165.3 189.7 229.7#
 56 120.0 127.2 167.2#



#36
 4-Chloro-3-methylphenol
 Concen: 38.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:107 Resp: 68805
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.4 30.6
 142 67.3 63.8 95.6

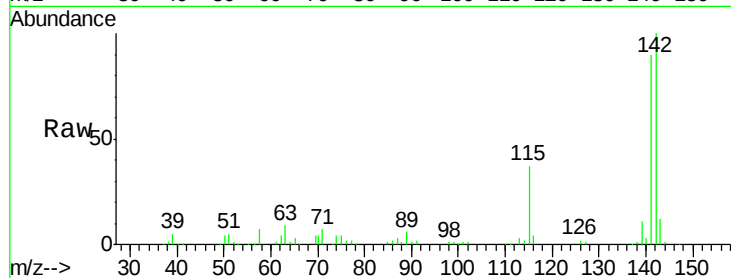




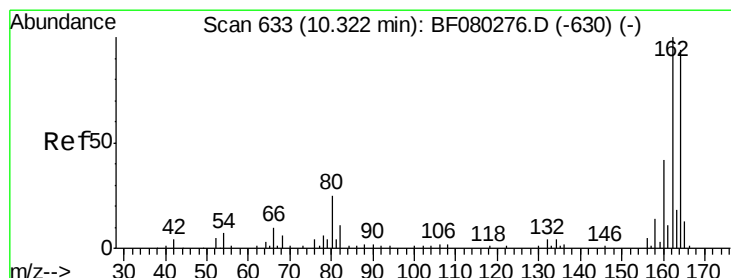
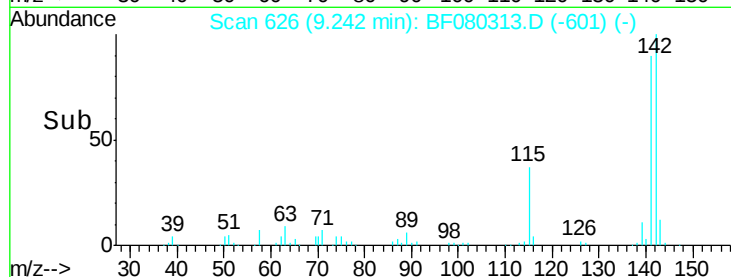
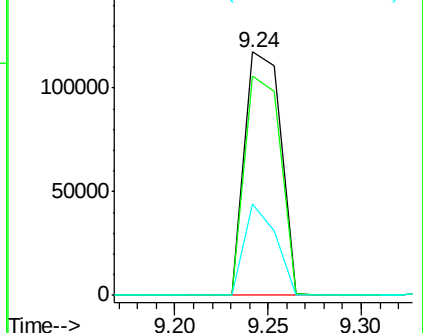
#37
 2-Methylnaphthalene
 Concen: 38.11 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:142 Resp: 157340
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.8 107.6
 115 37.3 27.4 41.2

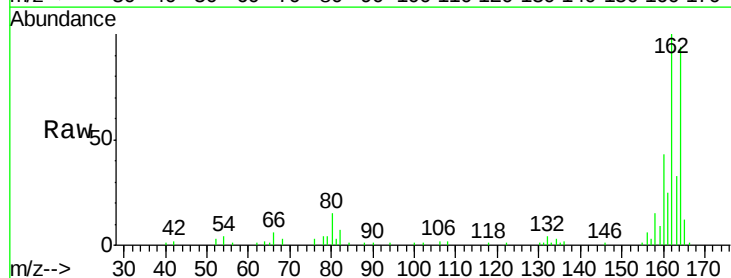


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

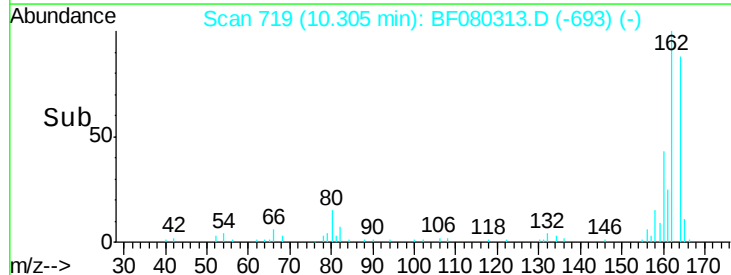
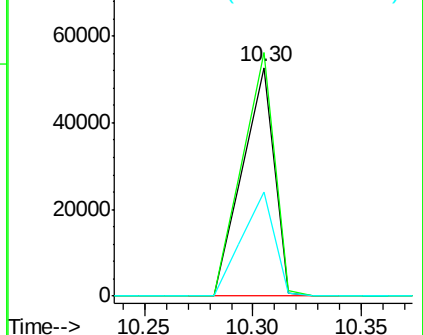


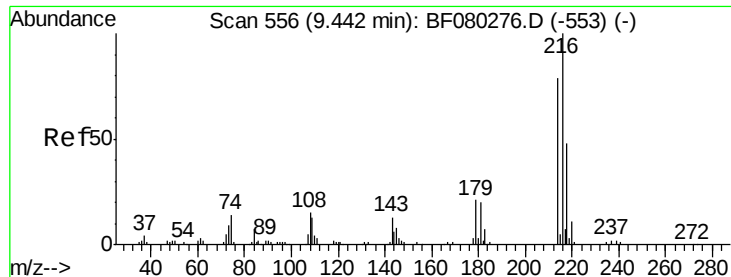
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:164 Resp: 53963
 Ion Ratio Lower Upper
 164 100
 162 106.4 84.8 127.2
 160 45.4 35.8 53.8



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

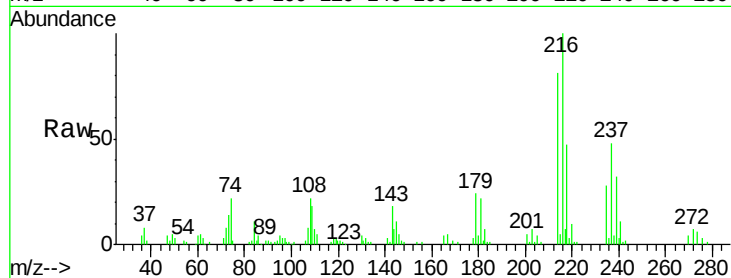




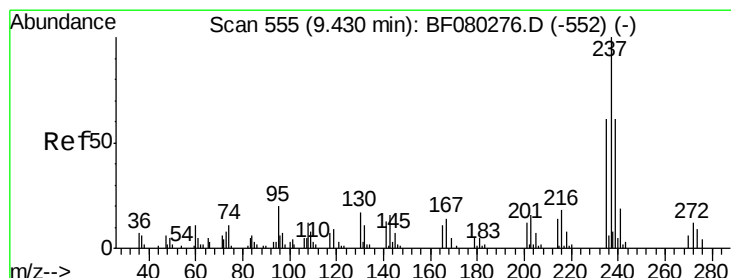
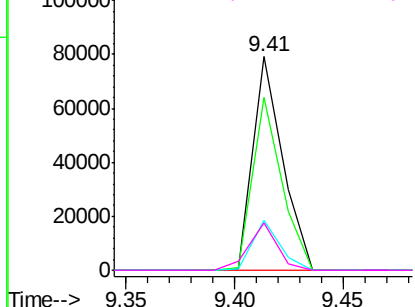
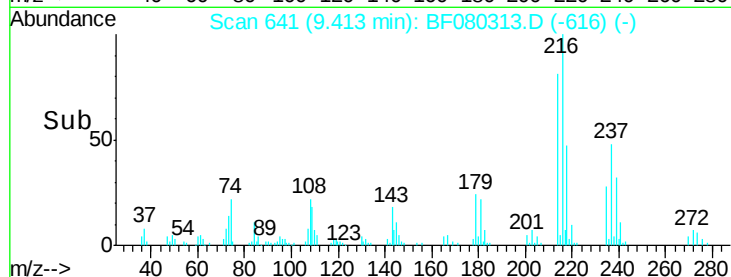
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.99 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:216 Resp: 75411
 Ion Ratio Lower Upper
 216 100
 214 78.8 63.0 94.6
 179 21.5 16.8 25.2
 108 21.2 13.8 20.8#

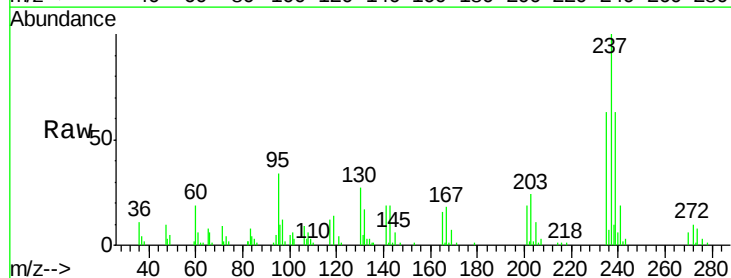


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

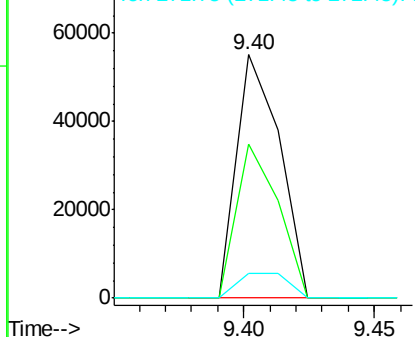
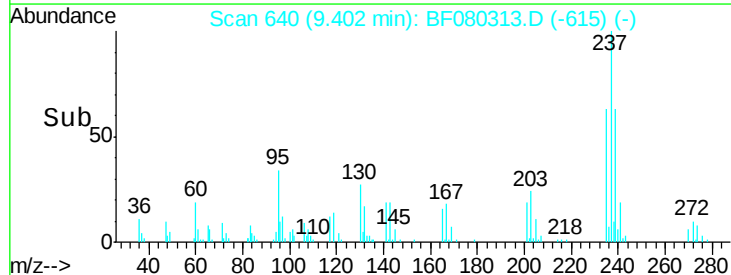


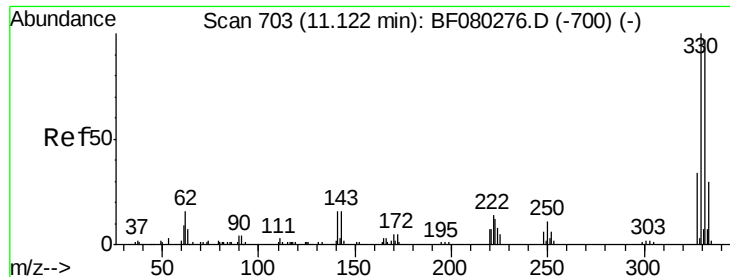
#40
 Hexachlorocyclopentadiene
 Concen: 89.38 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:237 Resp: 63906
 Ion Ratio Lower Upper
 237 100
 235 63.0 41.3 81.3
 272 10.0 0.0 31.8



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

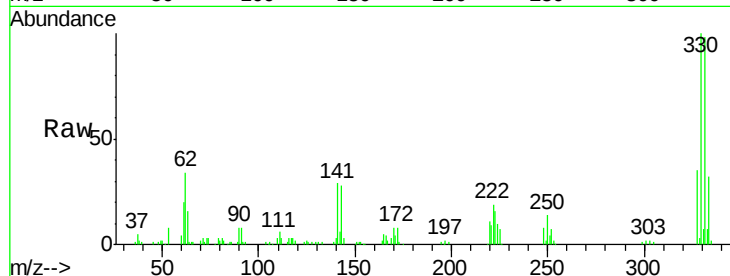




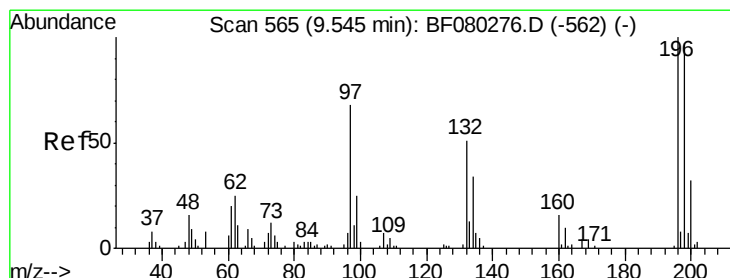
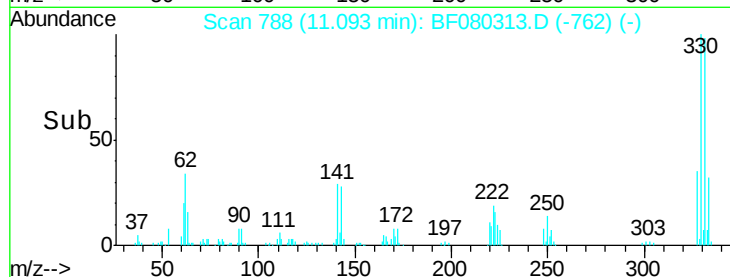
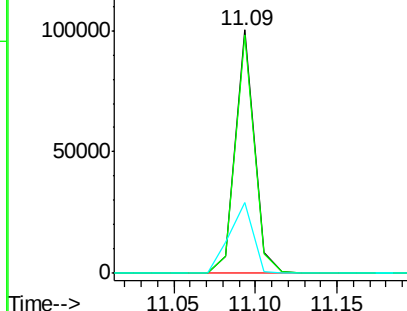
#41
 2,4,6-Tribromophenol
 Concen: 156.09 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:330 Resp: 80204
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 36.7 28.0 42.0

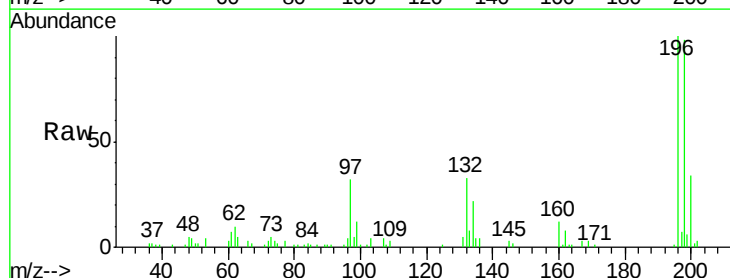


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

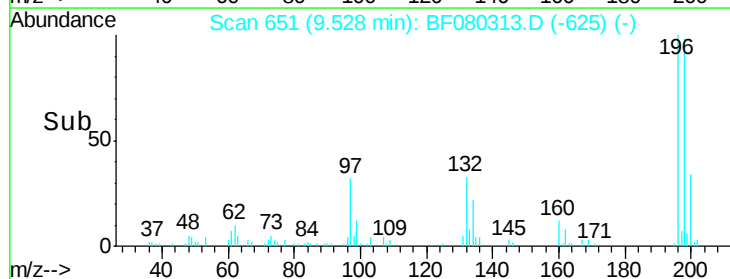
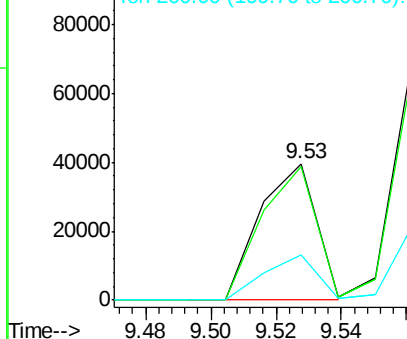


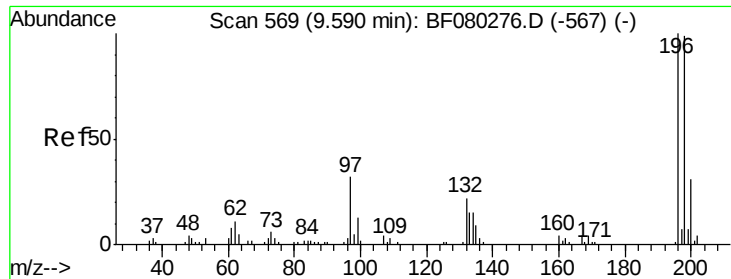
#42
 2,4,6-Trichlorophenol
 Concen: 41.78 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:196 Resp: 47497
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.7 116.5
 200 33.5 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

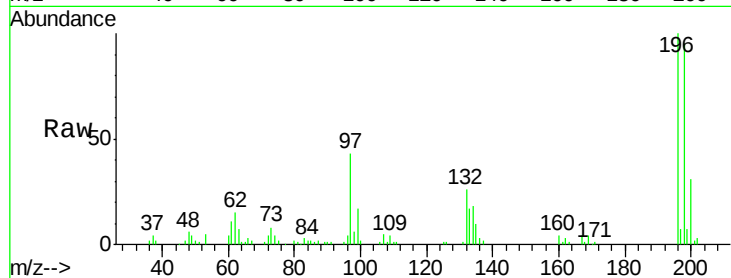




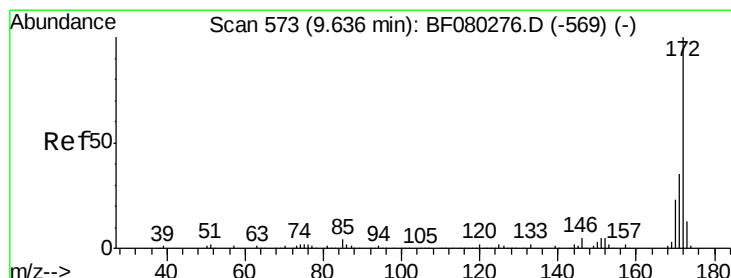
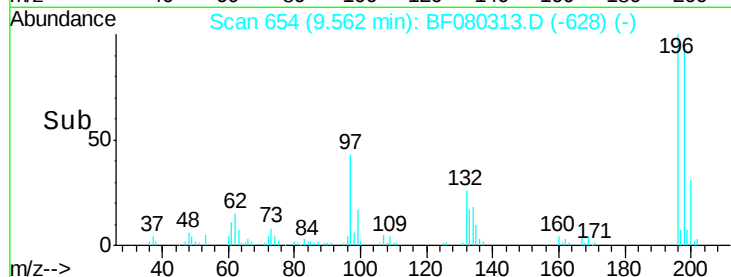
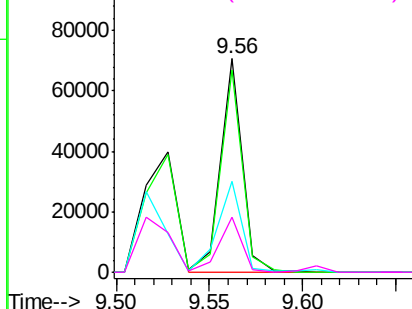
#43
 2,4,5-Trichlorophenol
 Concen: 46.99 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:196 Resp: 57542
 Ion Ratio Lower Upper
 196 100
 198 94.7 79.4 119.2
 97 42.6 25.9 38.9#
 132 25.8 17.3 25.9

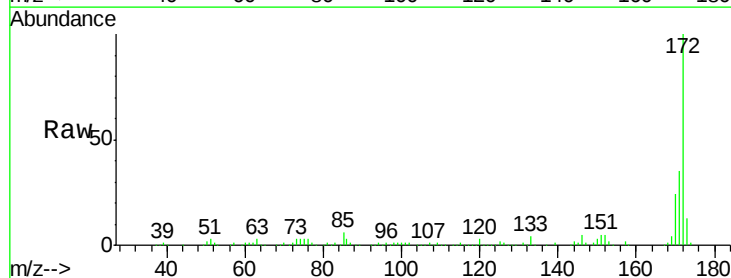


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

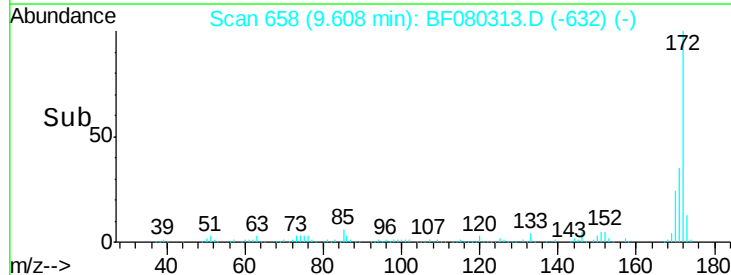
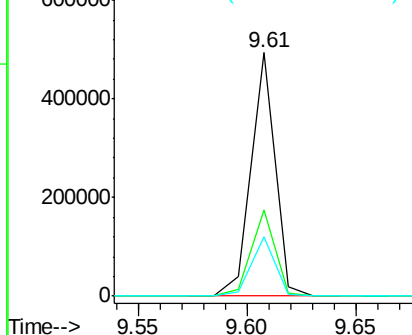


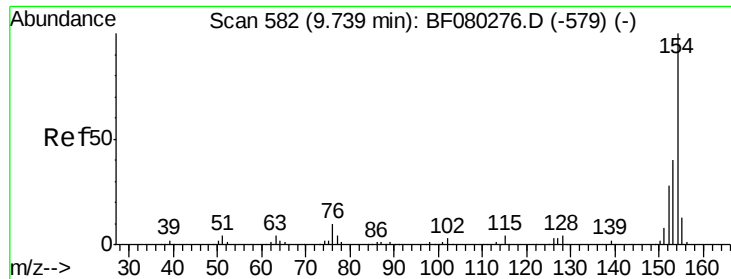
#44
 2-Fluorobiphenyl
 Concen: 100.82 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:172 Resp: 377998
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 24.2 18.6 28.0



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

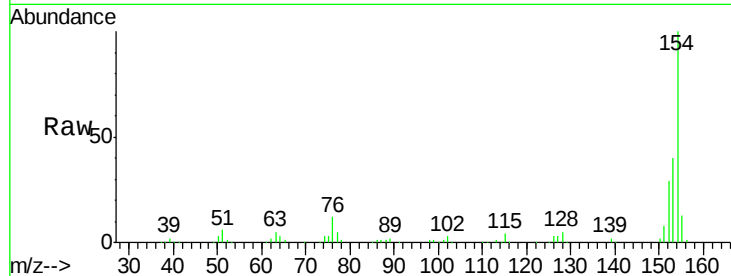




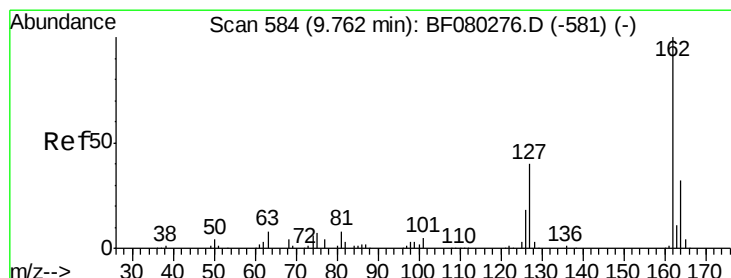
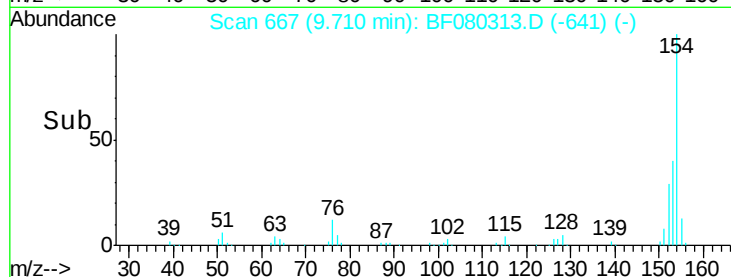
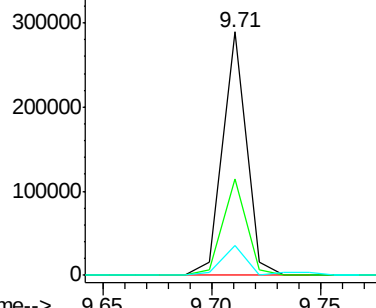
#45
 1,1'-Biphenyl
 Concen: 47.94 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:	154	Resp:	219991
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	12.0	0.0	30.3

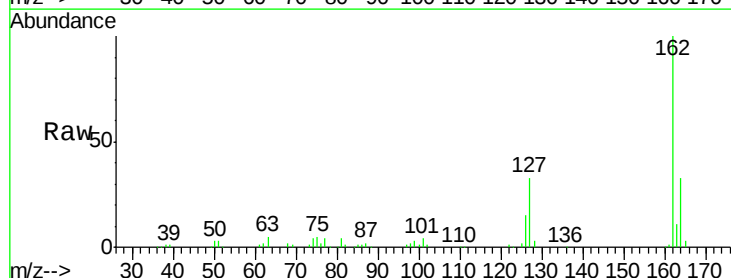


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

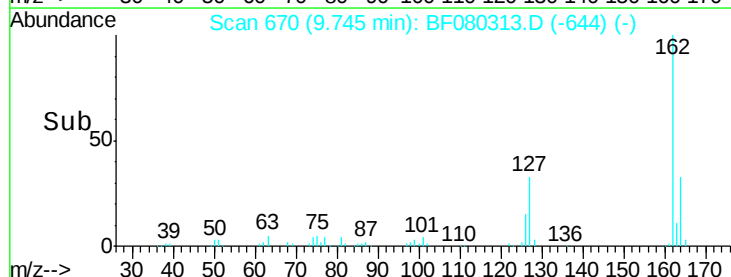
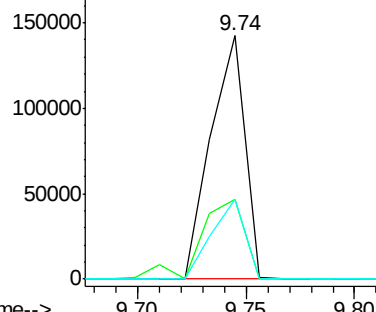


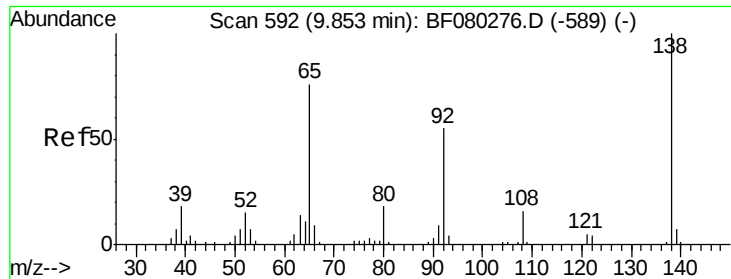
#46
 2-Chloronaphthalene
 Concen: 43.58 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:	162	Resp:	154797
Ion	Ratio	Lower	Upper
162	100		
127	32.9	33.4	50.0#
164	32.8	25.3	37.9



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

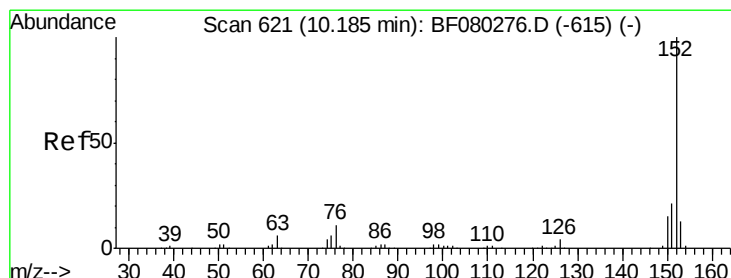
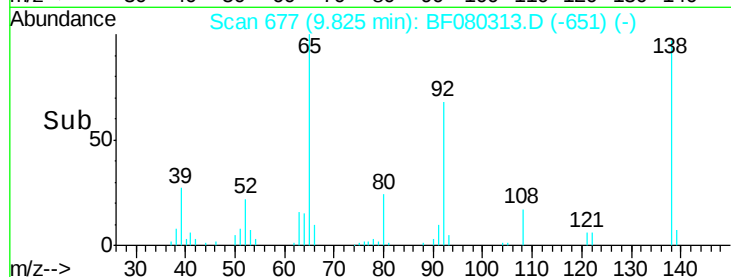
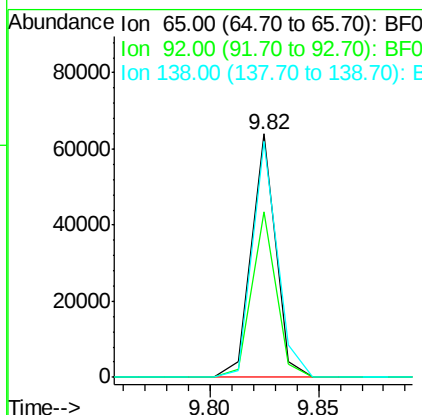
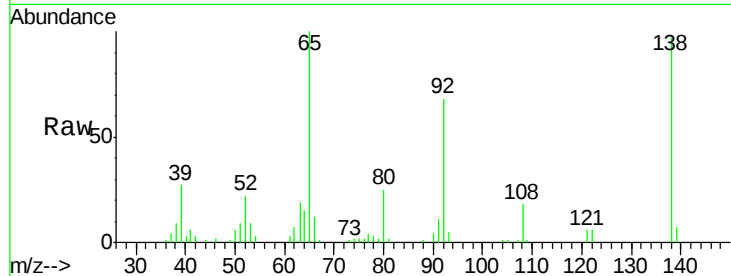




#47
 2-Nitroaniline
 Concen: 48.66 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

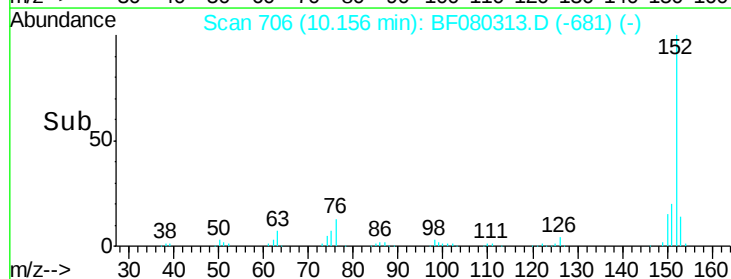
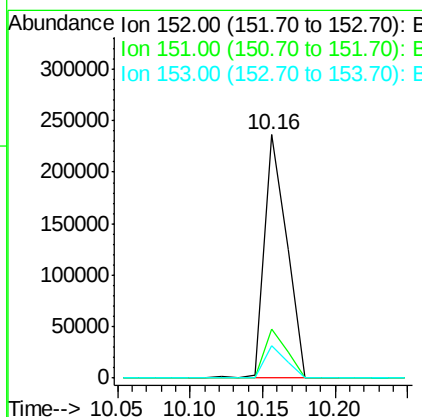
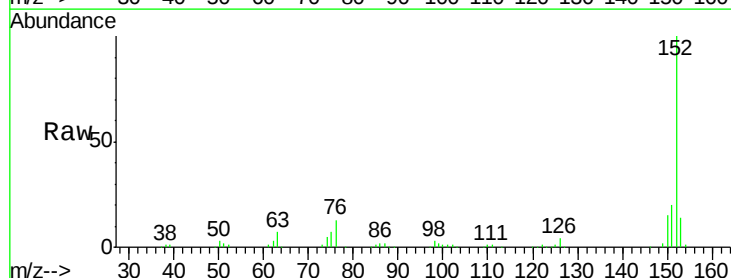
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

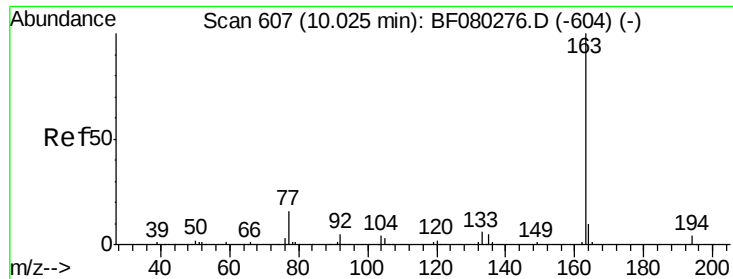
Tgt Ion: 65 Resp: 49708
 Ion Ratio Lower Upper
 65 100
 92 68.2 58.0 87.0
 138 97.0 104.8 157.2#



#48
 Acenaphthylene
 Concen: 40.59 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion: 152 Resp: 250391
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.7 25.1
 153 13.6 10.7 16.1

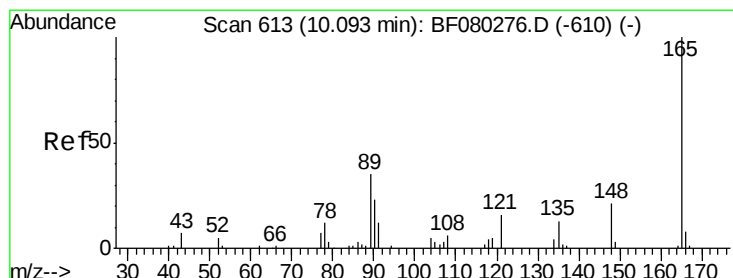
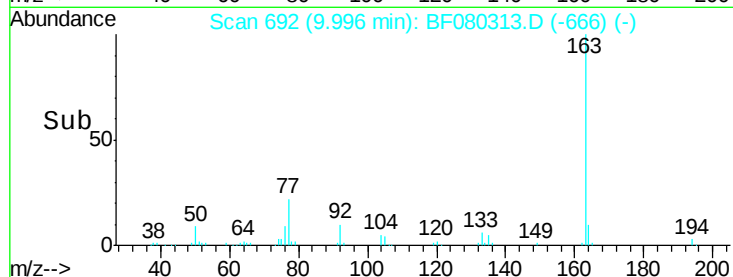
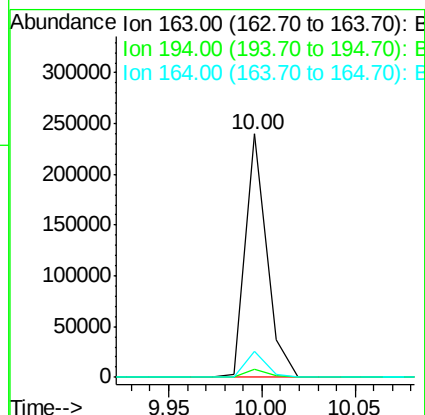
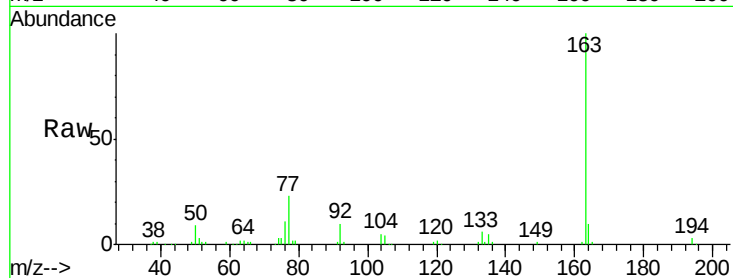




#49
Dimethylphthalate
Concen: 46.77 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

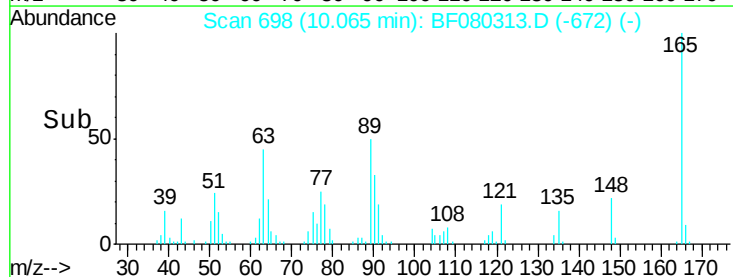
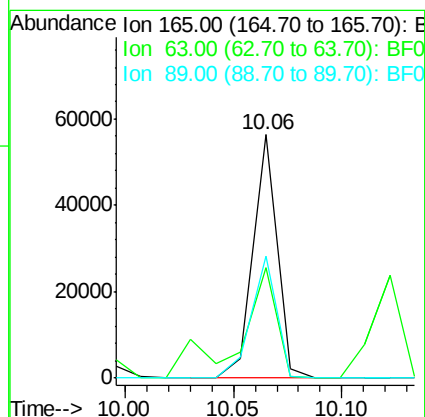
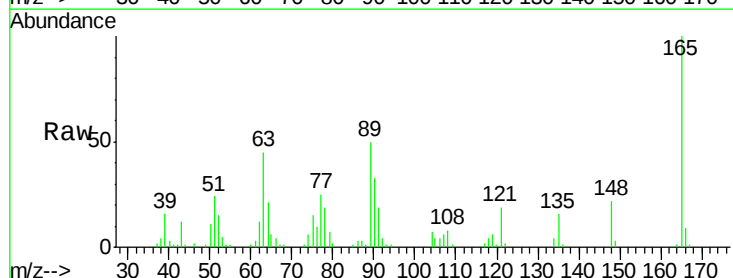
Instrument :
BNA_F
ClientSampleId :
PB84335BS

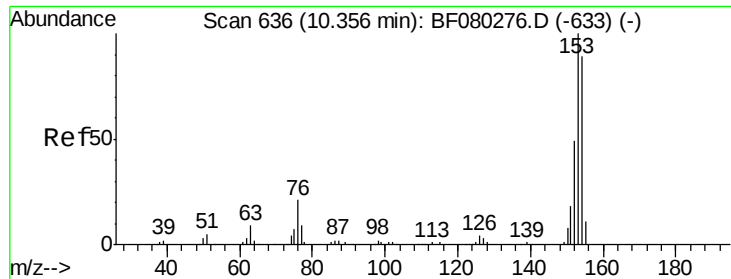
Tgt Ion:163 Resp: 192804
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.4 7.9 11.9



#50
2,6-Dinitrotoluene
Concen: 51.35 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:165 Resp: 43277
Ion Ratio Lower Upper
165 100
63 45.4 23.4 35.0#
89 49.9 27.7 41.5#





#51

Acenaphthene

Concen: 46.70 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

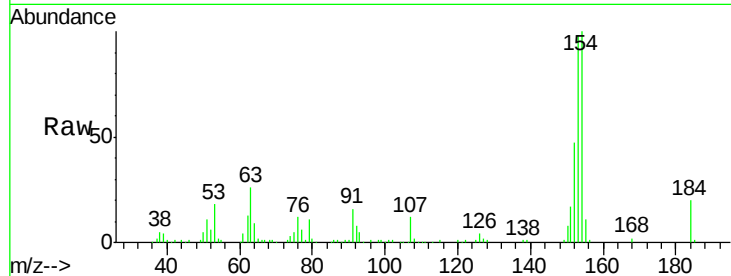
Tgt Ion:154 Resp: 165847

Ion Ratio Lower Upper

154 100

153 97.7 90.4 135.6

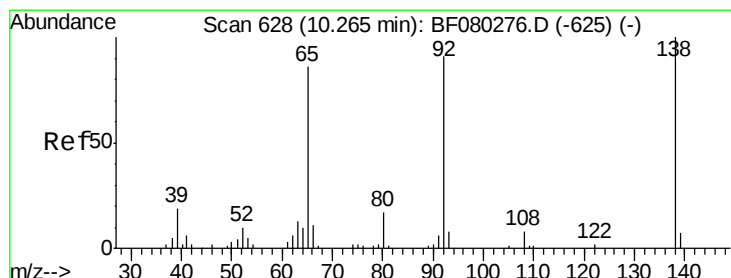
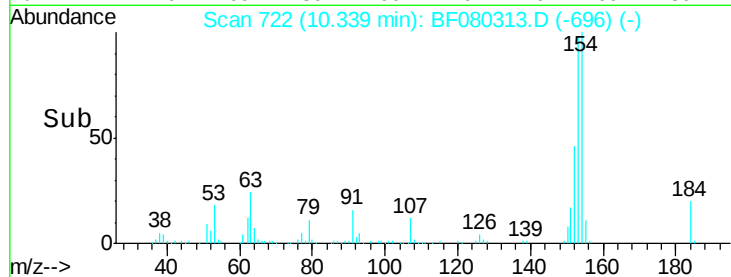
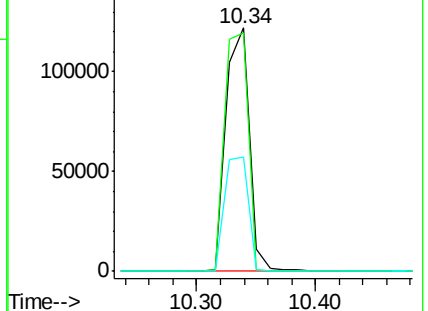
152 46.8 43.9 65.9



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: 29.83 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

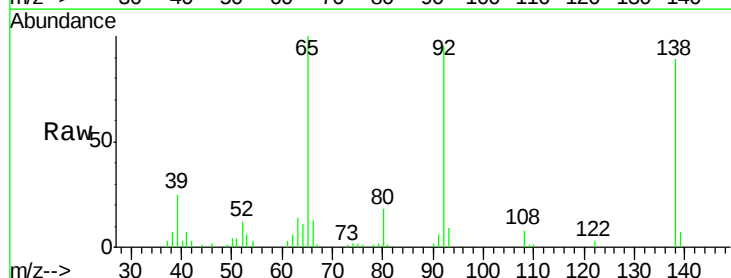
Tgt Ion:138 Resp: 28834

Ion Ratio Lower Upper

138 100

108 9.2 6.7 10.1

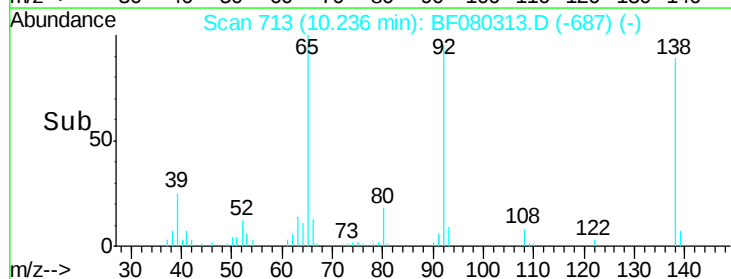
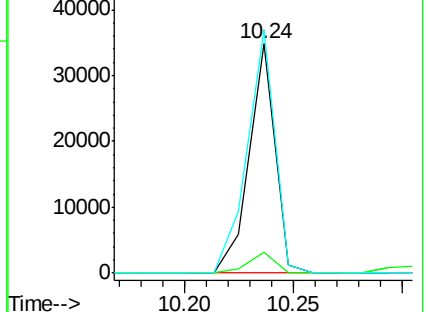
92 106.2 72.6 109.0

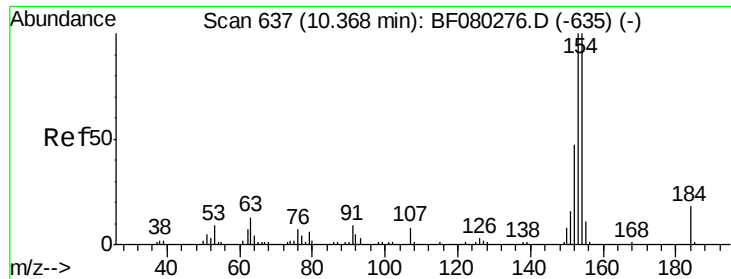


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

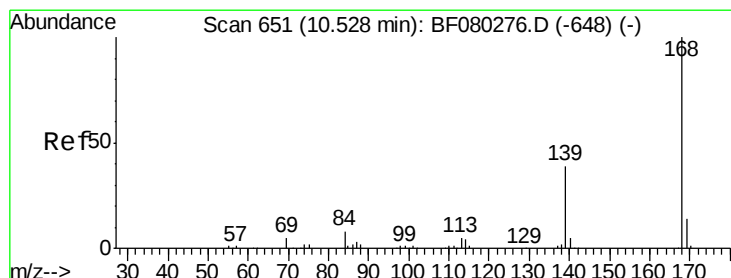
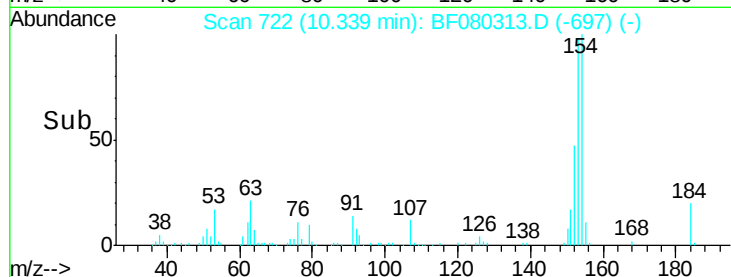
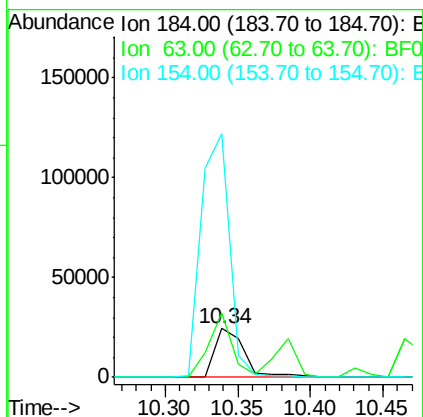
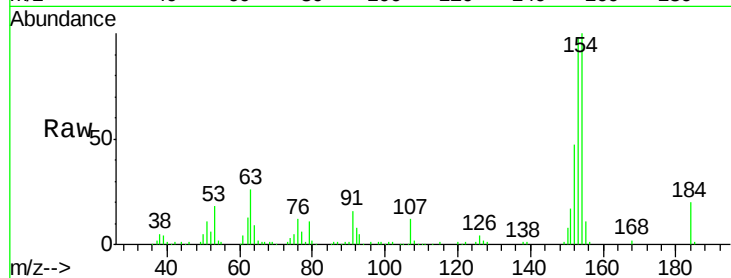




#53
2,4-Dinitrophenol
Concen: 90.81 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

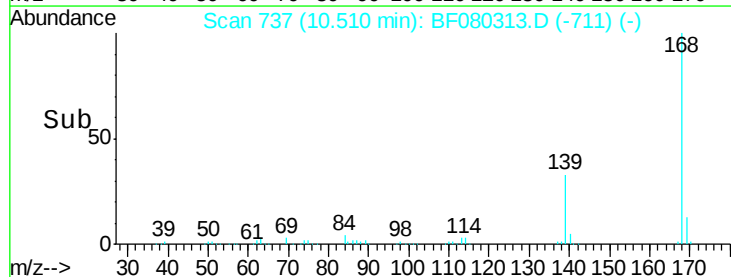
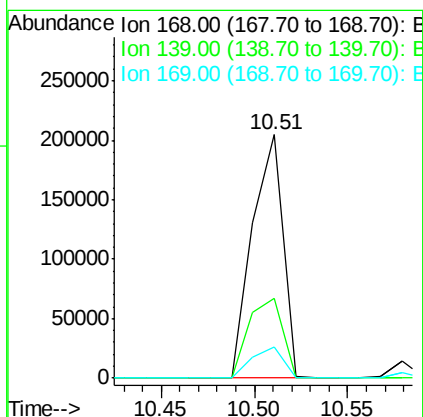
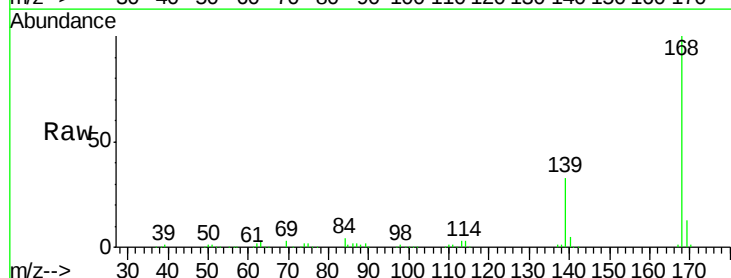
Instrument :
BNA_F
ClientSampleId :
PB84335BS

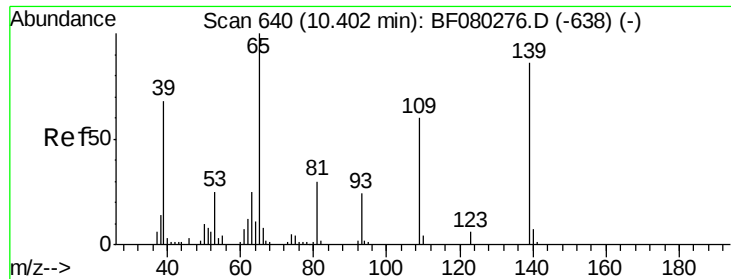
Tgt Ion:184 Resp: 33682
Ion Ratio Lower Upper
184 100
63 132.6 65.0 97.6#
154 502.1 473.1 709.7



#54
Dibenzofuran
Concen: 46.15 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:168 Resp: 231306
Ion Ratio Lower Upper
168 100
139 32.6 31.5 47.3
169 12.9 11.0 16.4

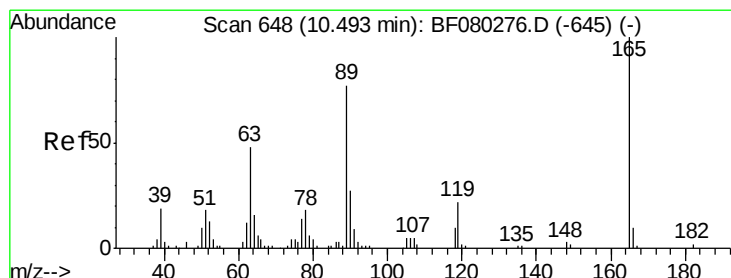
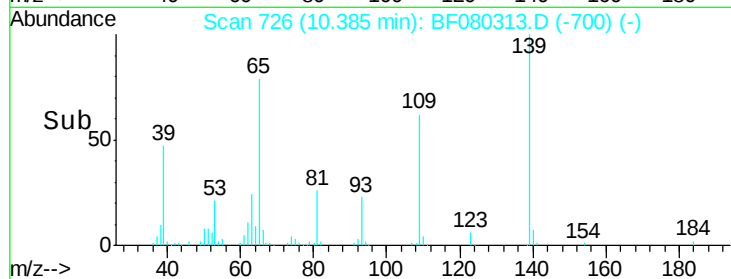
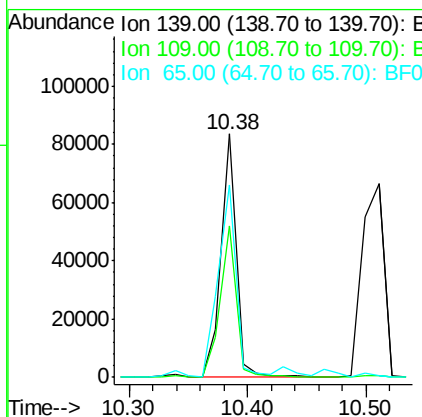
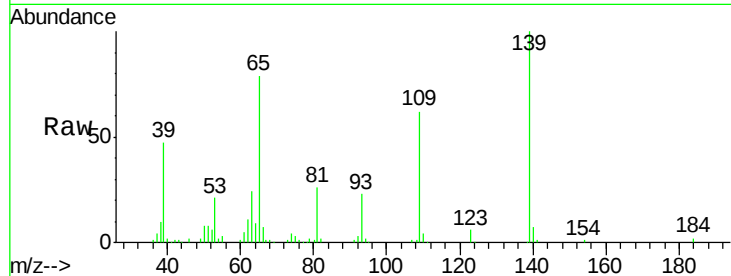




#55
4-Nitrophenol
Concen: 103.65 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

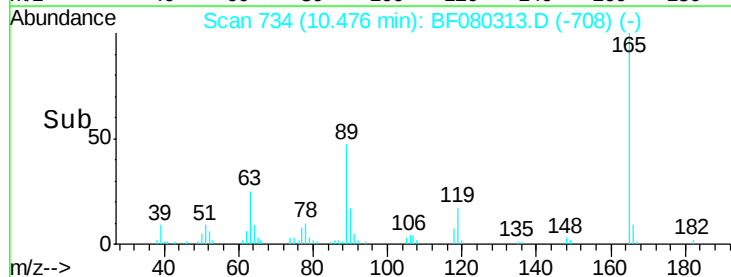
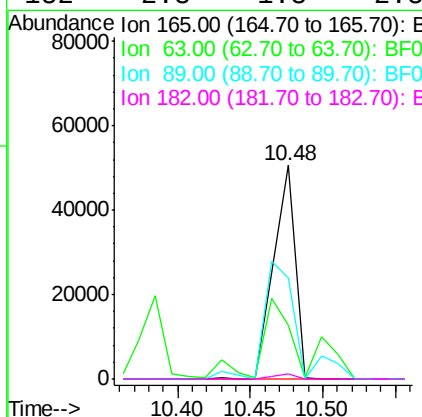
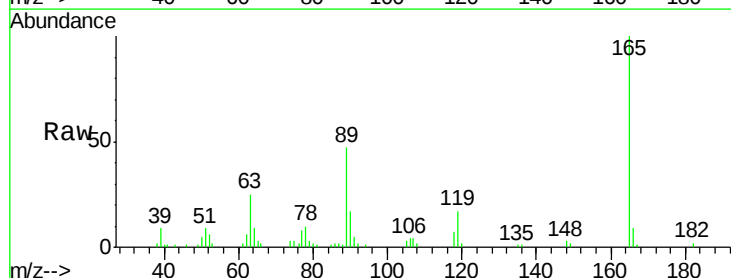
Instrument :
BNA_F
ClientSampleId :
PB84335BS

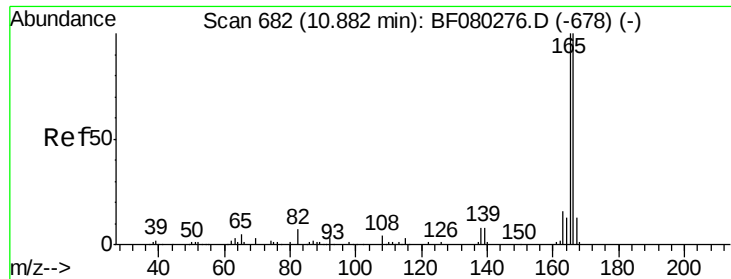
Tgt Ion:139 Resp: 74061
Ion Ratio Lower Upper
139 100
109 62.2 50.2 90.2
65 78.8 96.7 136.7#



#56
2,4-Dinitrotoluene
Concen: 48.04 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:165 Resp: 52493
Ion Ratio Lower Upper
165 100
63 25.3 38.7 58.1#
89 47.4 62.0 93.0#
182 2.3 1.8 2.8

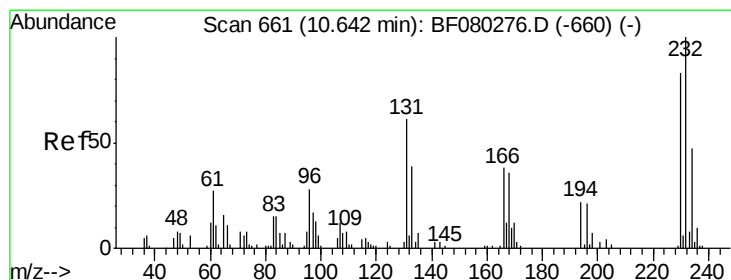
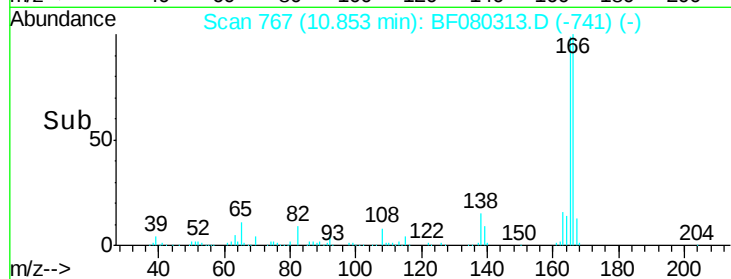
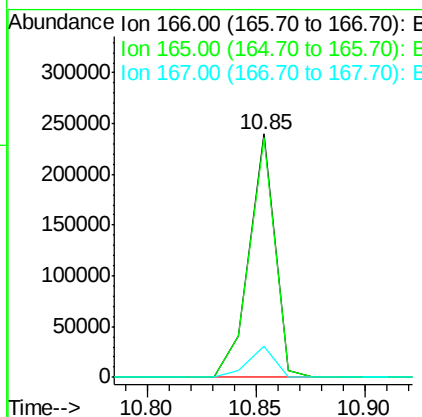
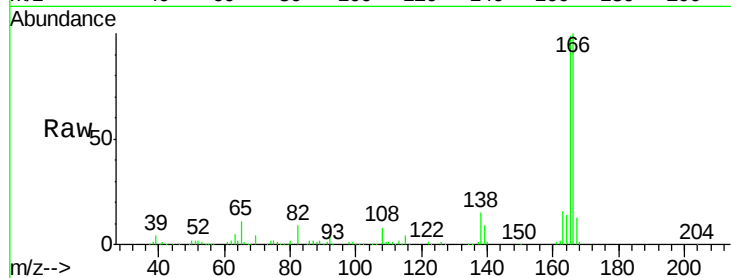




#57
 Fluorene
 Concen: 47.44 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

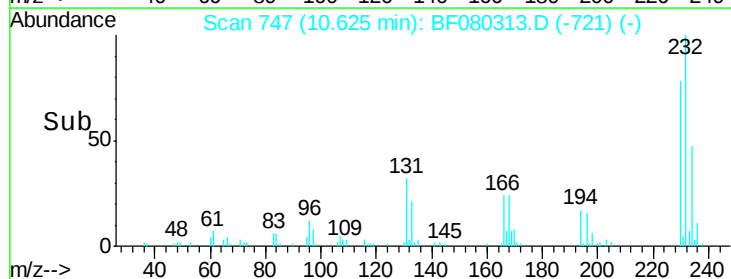
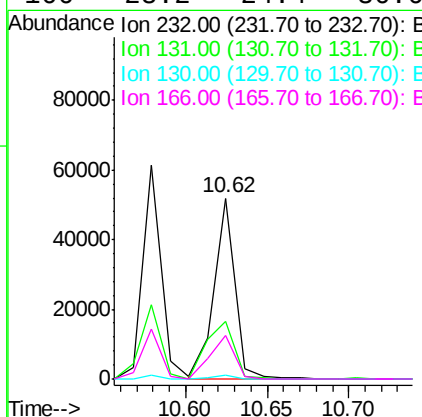
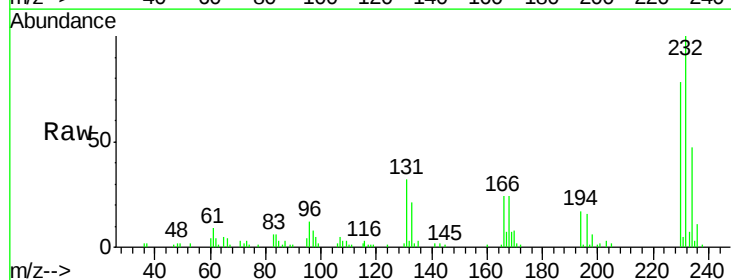
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

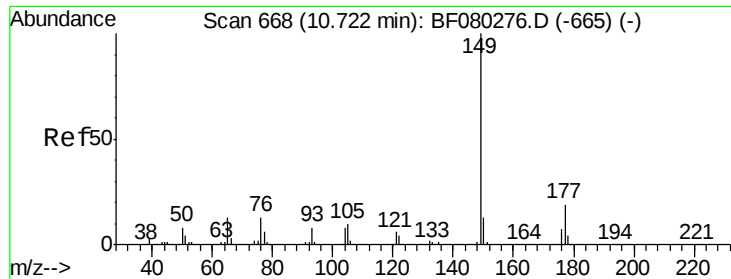
Tgt Ion:166 Resp: 197240
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.9 119.9
 167 12.9 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.97 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:232 Resp: 46739
 Ion Ratio Lower Upper
 232 100
 131 43.0 37.0 55.6
 130 2.3 1.5 2.3#
 166 28.2 24.4 36.6

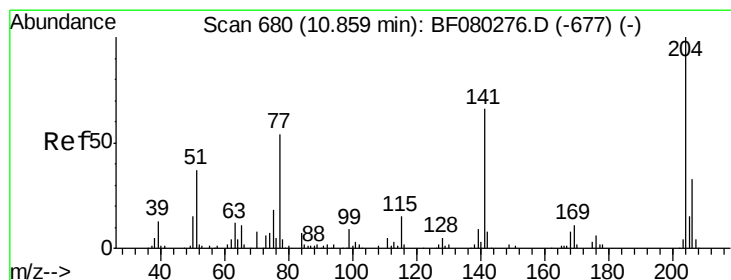
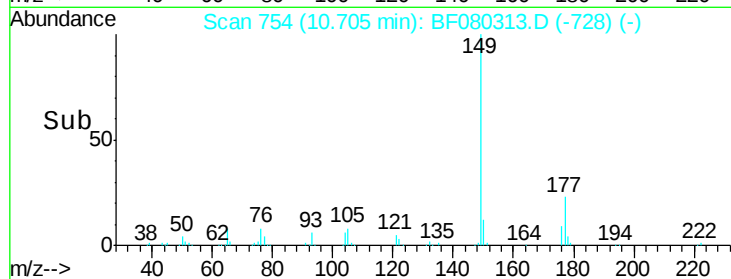
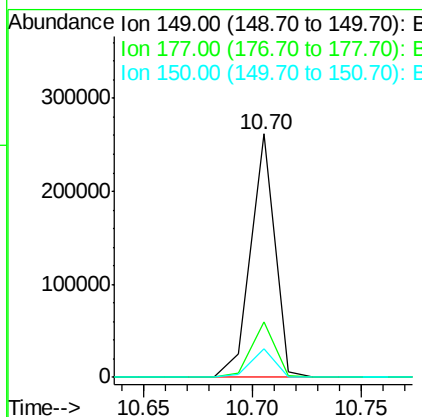
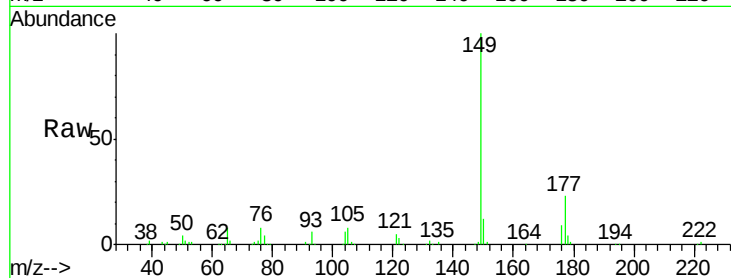




#59
Diethylphthalate
Concen: 51.25 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

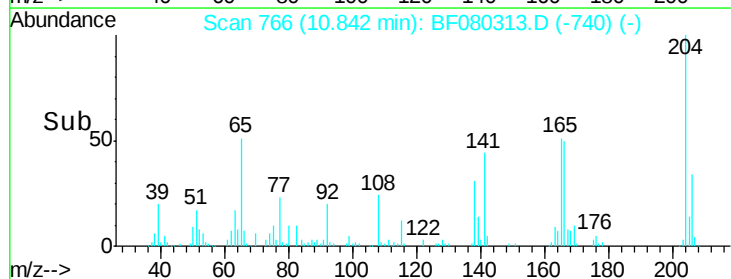
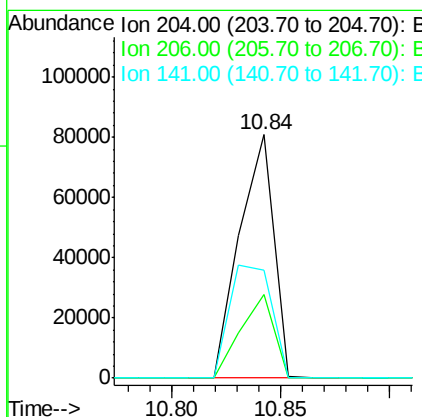
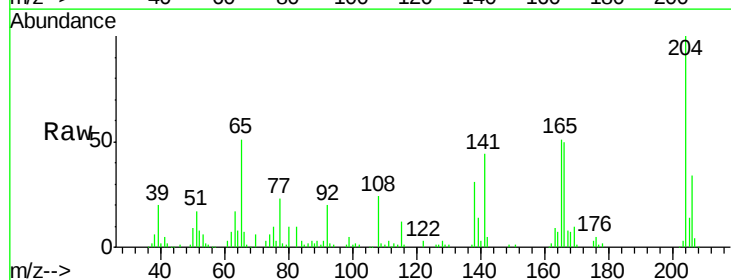
Instrument :
BNA_F
ClientSampleId :
PB84335BS

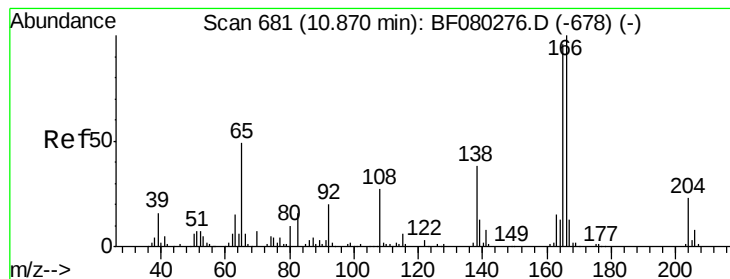
Tgt Ion:149 Resp: 200809
Ion Ratio Lower Upper
149 100
177 23.0 15.4 23.0
150 12.0 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 46.92 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:204 Resp: 88217
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 44.3 52.5 78.7#





#61

4-Nitroaniline

Concen: 42.94 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

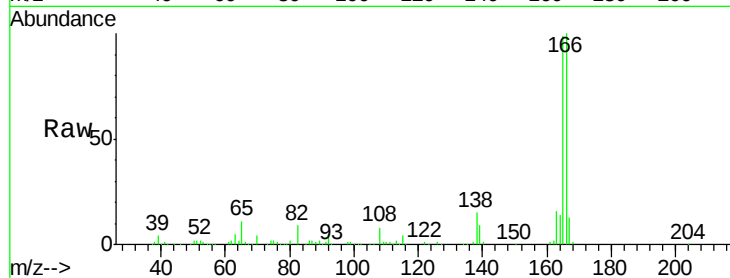
Tgt Ion:138 Resp: 42190

Ion Ratio Lower Upper

138 100

92 36.2 32.7 72.7

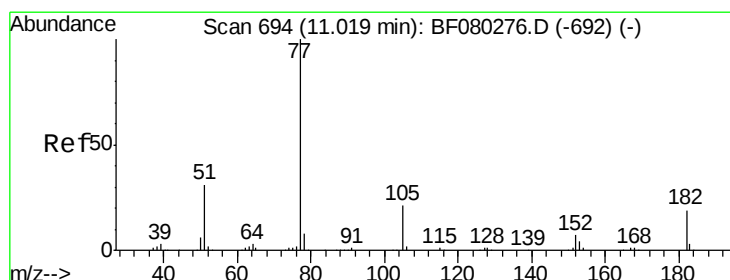
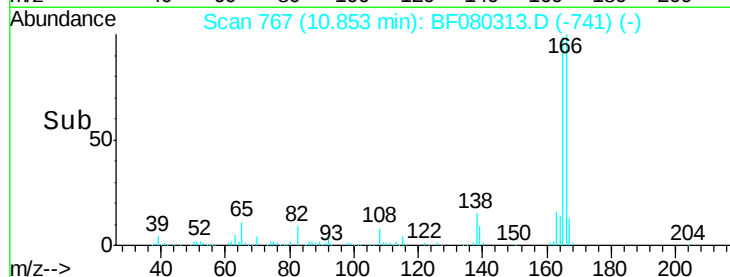
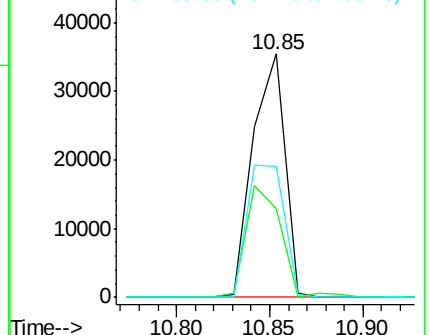
108 53.8 49.6 89.6



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: 44.61 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Tgt Ion: 77 Resp: 179788

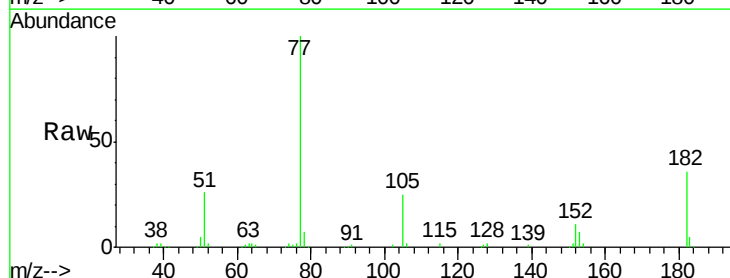
Ion Ratio Lower Upper

77 100

182 35.7 0.0 38.9

105 24.8 1.3 41.3

51 26.2 11.1 51.1

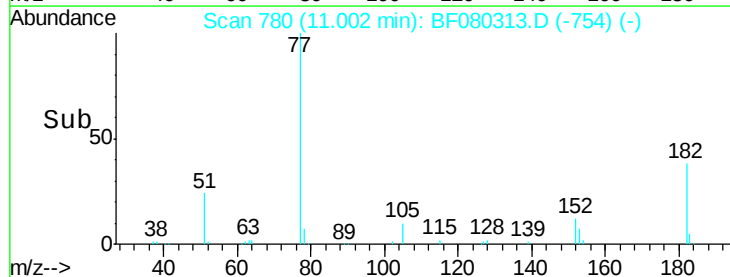
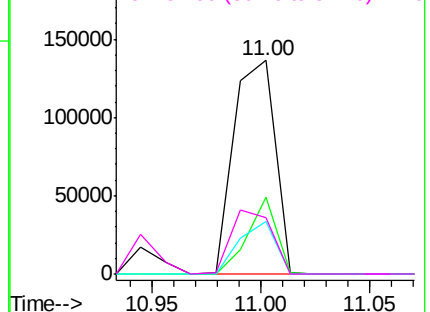


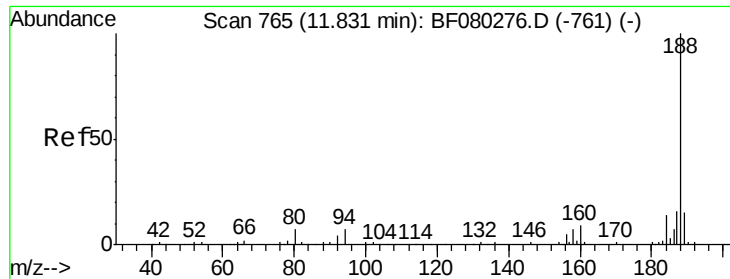
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

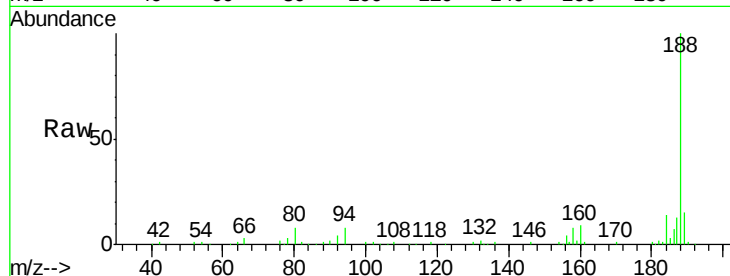




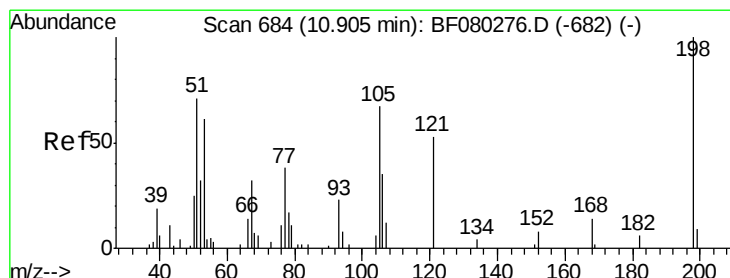
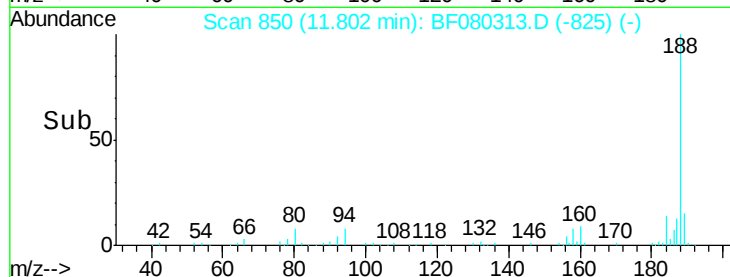
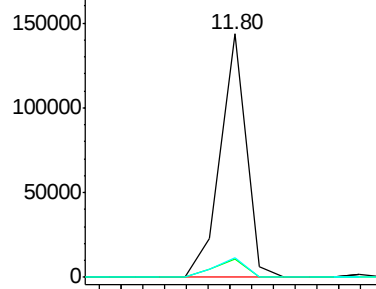
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:188 Resp: 118559
 Ion Ratio Lower Upper
 188 100
 94 7.6 5.4 8.0
 80 8.1 5.8 8.6

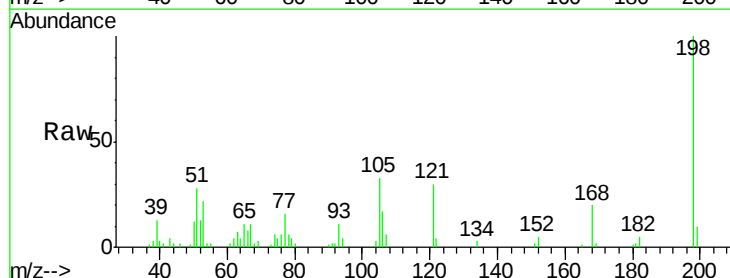


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

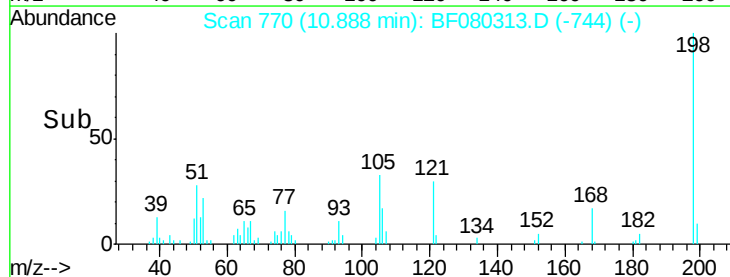
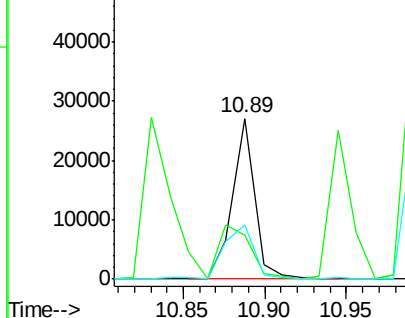


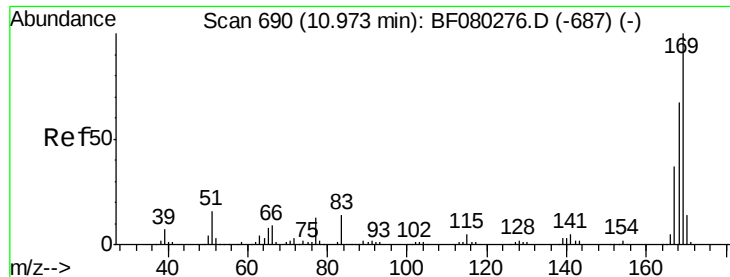
#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.41 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:198 Resp: 25375
 Ion Ratio Lower Upper
 198 100
 51 27.7 63.7 103.7#
 105 33.4 46.9 86.9#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

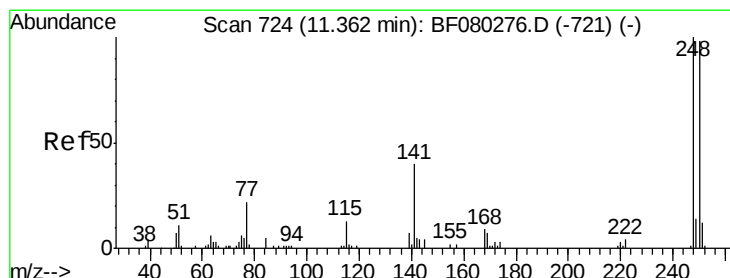
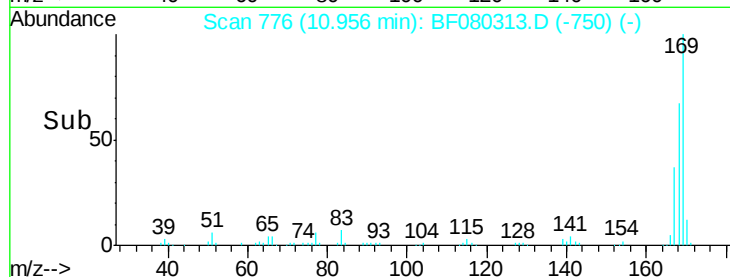
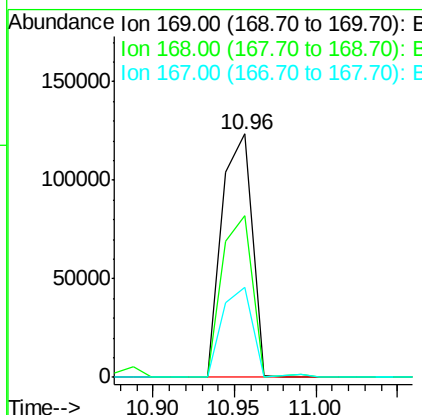
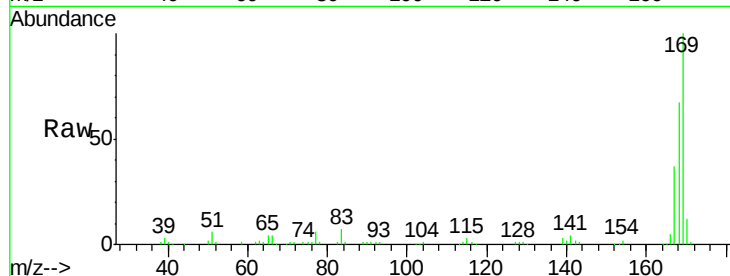




#65
 n-Nitrosodiphenylamine
 Concen: 40.35 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

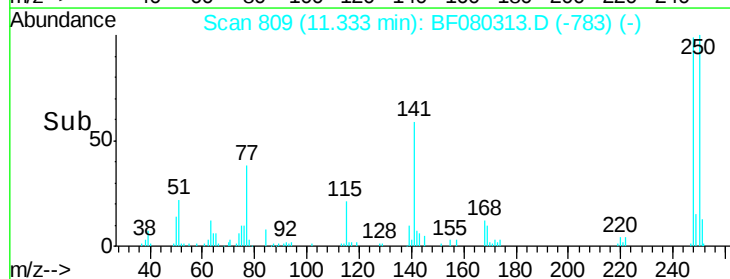
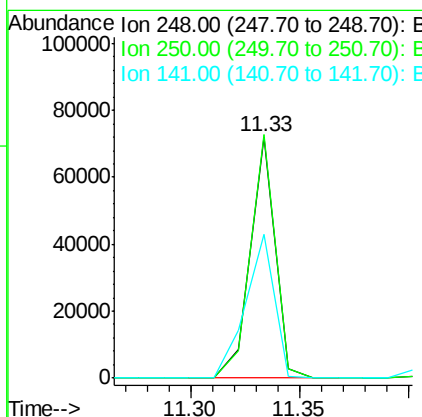
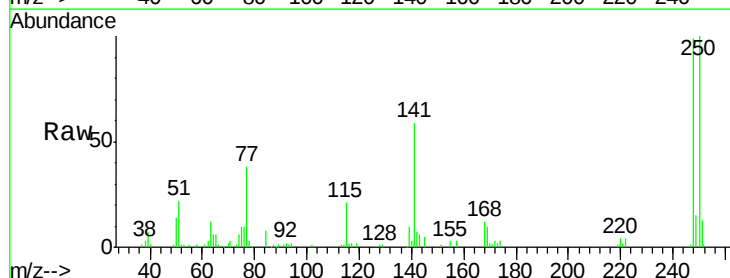
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

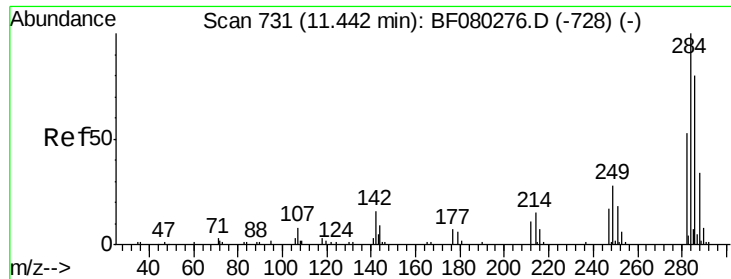
Tgt Ion:169 Resp: 157199
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.6 80.4
 167 36.8 29.9 44.9



#66
 4-Bromophenyl-phenylether
 Concen: 44.81 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:248 Resp: 57416
 Ion Ratio Lower Upper
 248 100
 250 100.8 78.2 117.4
 141 59.3 31.9 47.9#

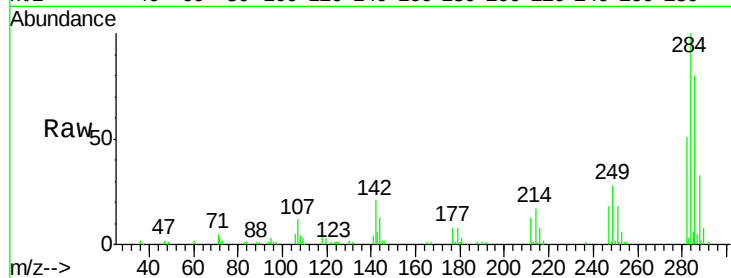




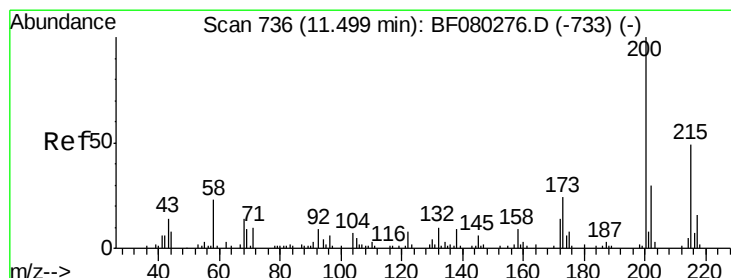
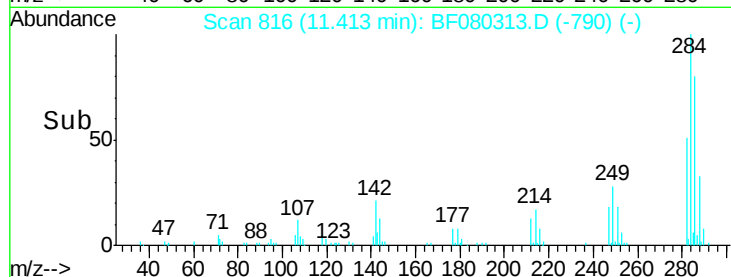
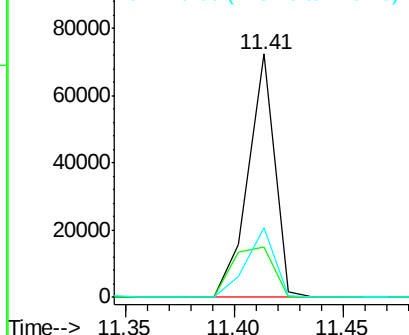
#67
Hexachlorobenzene
Concen: 44.85 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Instrument :
BNA_F
ClientSampleId :
PB84335BS

Tgt Ion:284 Resp: 61599
Ion Ratio Lower Upper
284 100
142 20.7 12.5 18.7#
249 28.4 22.4 33.6

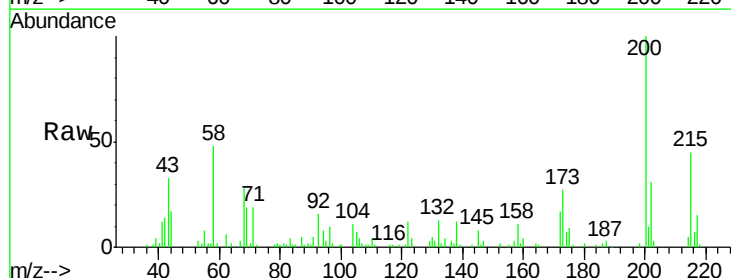


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

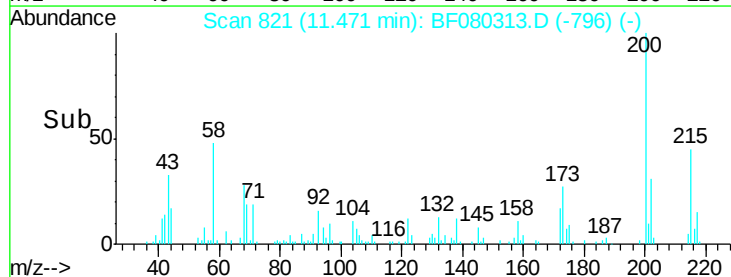
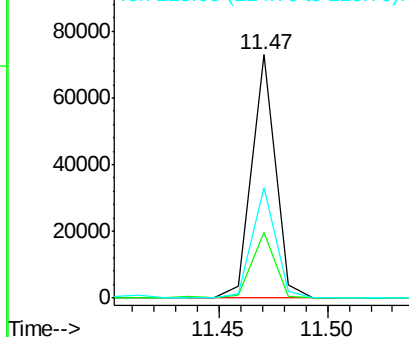


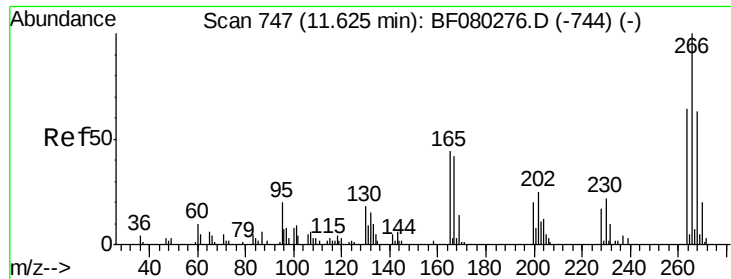
#68
Atrazine
Concen: 46.71 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:200 Resp: 55011
Ion Ratio Lower Upper
200 100
173 27.2 3.5 43.5
215 45.2 28.6 68.6



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

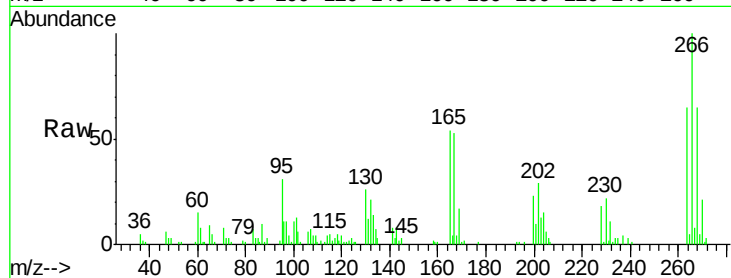




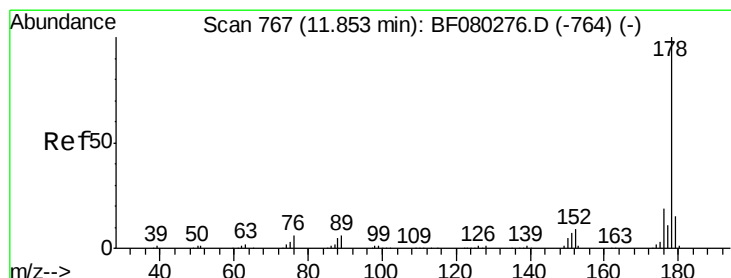
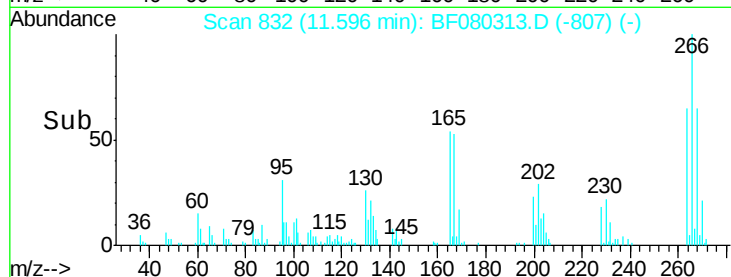
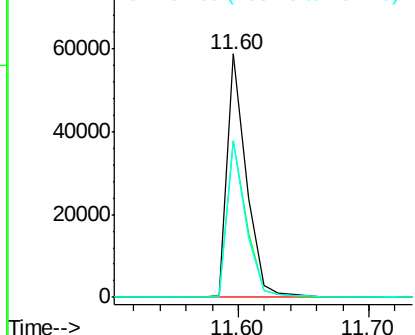
#69
 Pentachlorophenol
 Concen: 81.25 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:266 Resp: 60630
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.7 76.1
 264 64.5 51.3 76.9

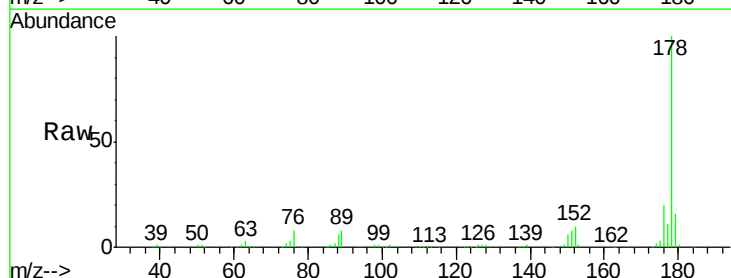


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

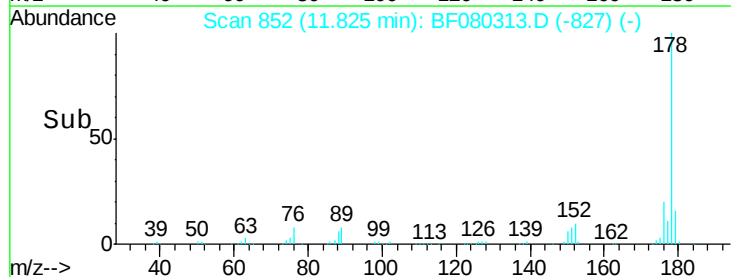
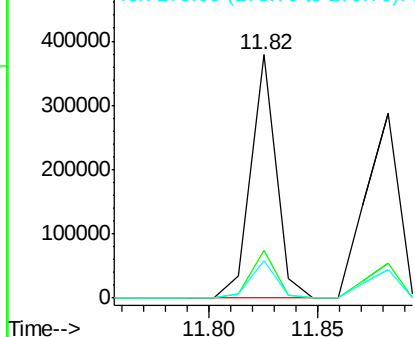


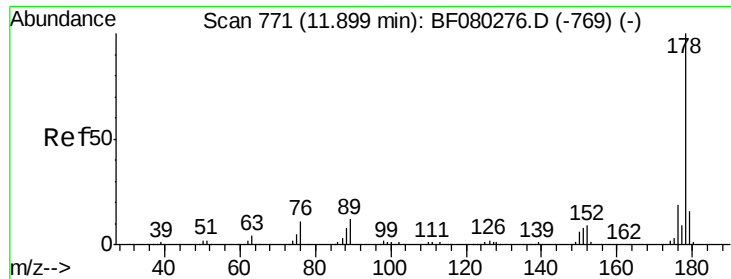
#70
 Phenanthrene
 Concen: 42.93 ng
 RT: 11.82 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:178 Resp: 304974
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 15.6 12.2 18.2



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

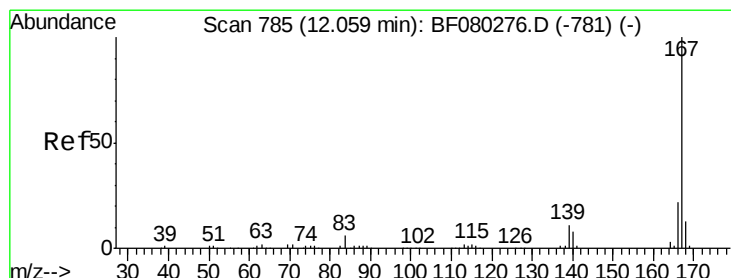
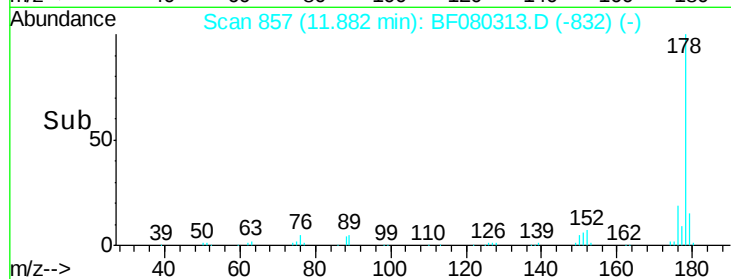
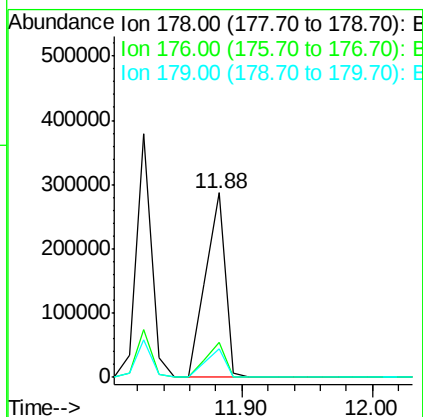
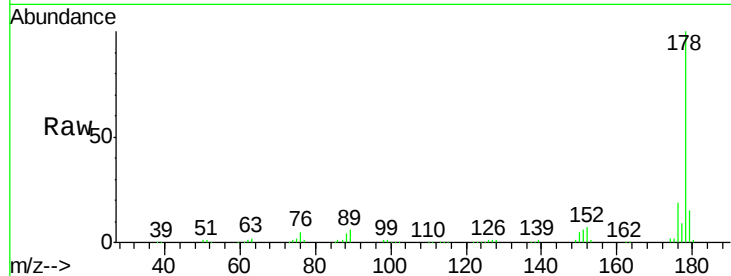




#71
 Anthracene
 Concen: 44.26 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

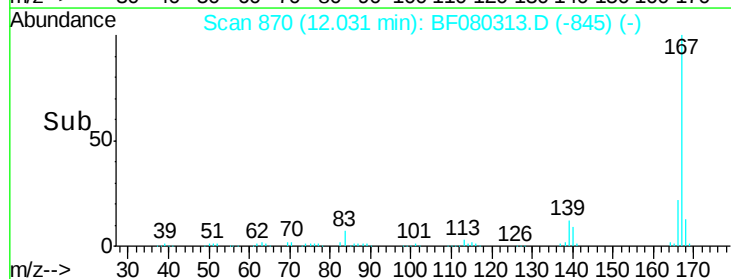
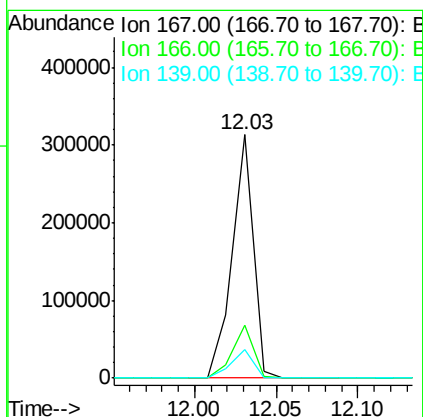
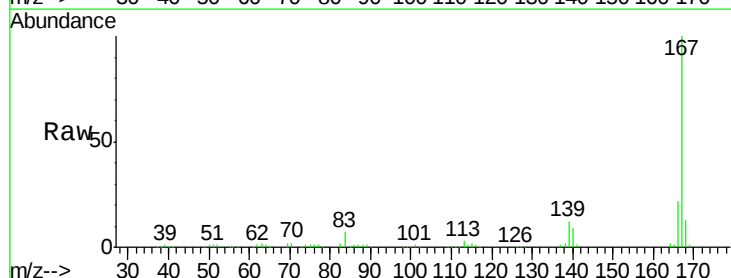
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

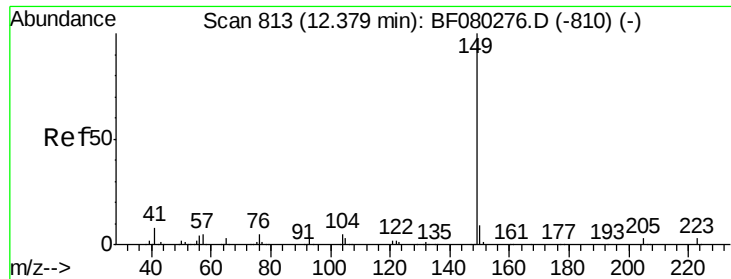
Tgt Ion:178 Resp: 301660
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.2 12.6 18.8



#72
 Carbazole
 Concen: 43.58 ng
 RT: 12.03 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:167 Resp: 277735
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 12.0 8.6 13.0





#73

Di-n-butylphthalate

Concen: 43.25 ng

RT: 12.36 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

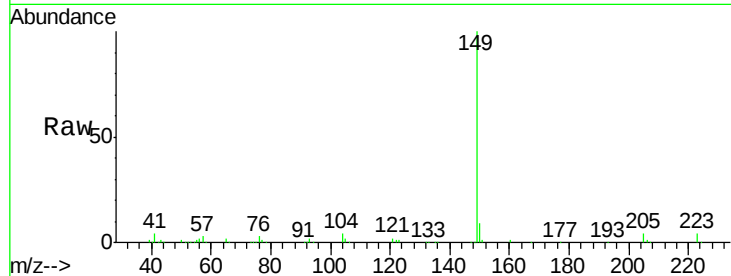
Tgt Ion:149 Resp: 295733

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

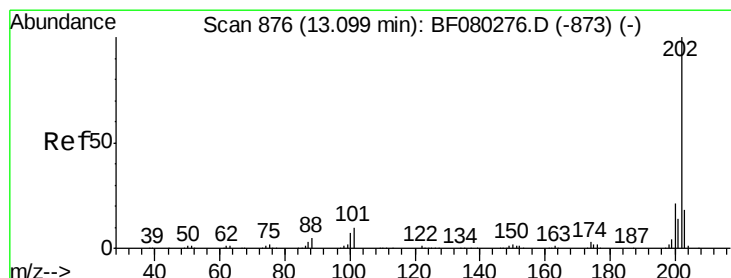
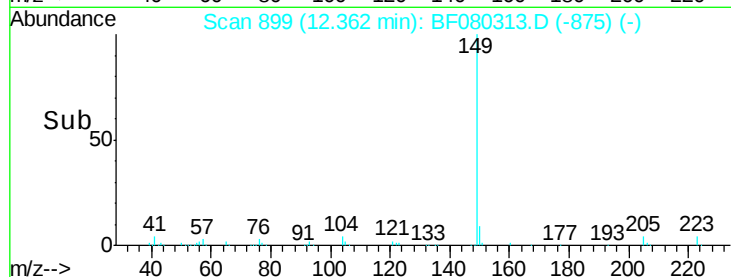
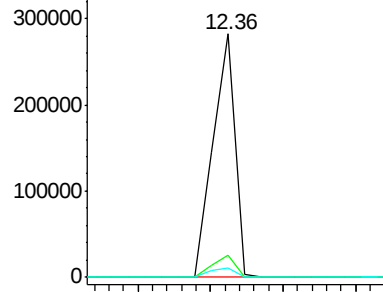
104 3.7 3.7 5.5



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: 43.69 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.06 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

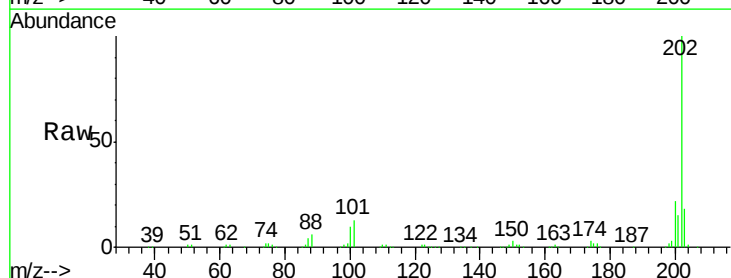
Tgt Ion:202 Resp: 320635

Ion Ratio Lower Upper

202 100

101 13.3 0.0 30.4

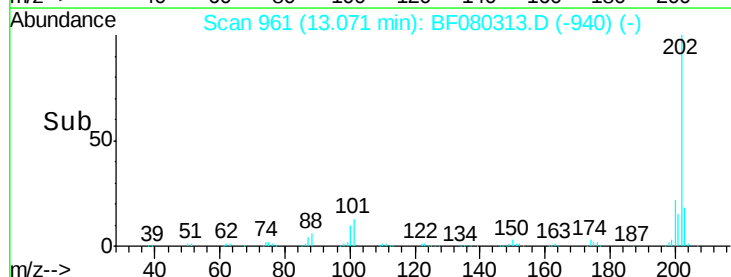
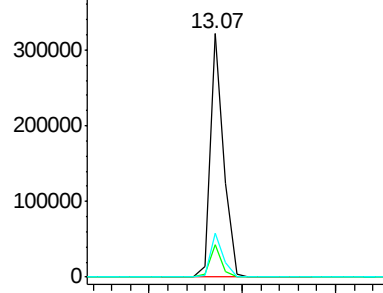
203 18.0 0.0 37.5

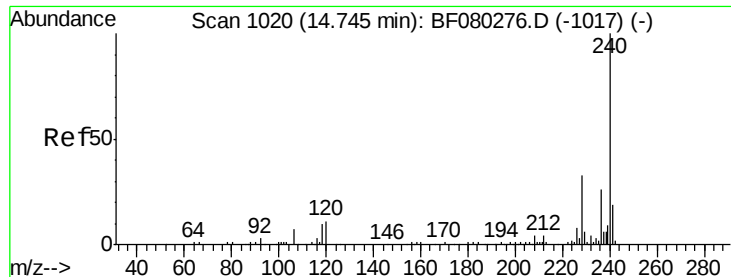


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.73 min Scan# 1106

Delta R.T. -0.13 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

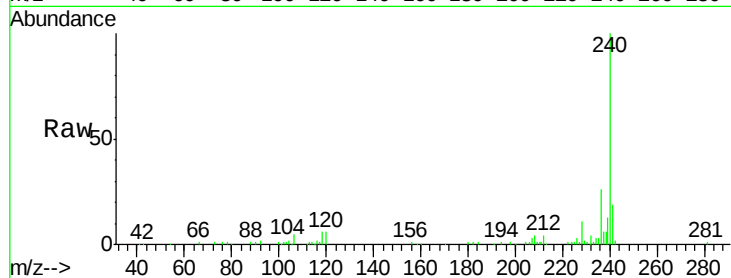
Tgt Ion:240 Resp: 127079

Ion Ratio Lower Upper

240 100

120 6.4 8.7 13.1#

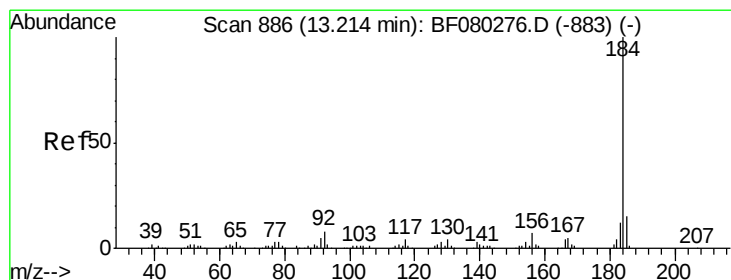
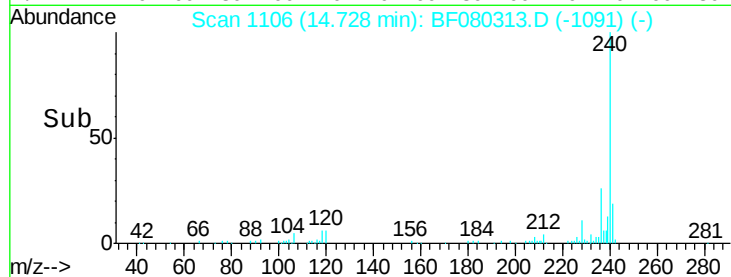
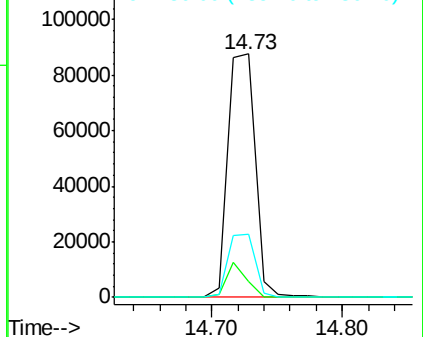
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.06 ng

RT: 13.20 min Scan# 972

Delta R.T. -0.06 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

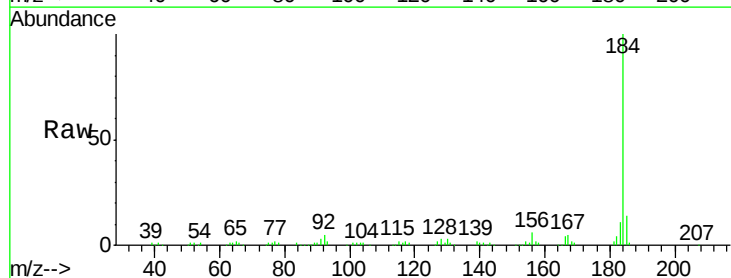
Tgt Ion:184 Resp: 178831

Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

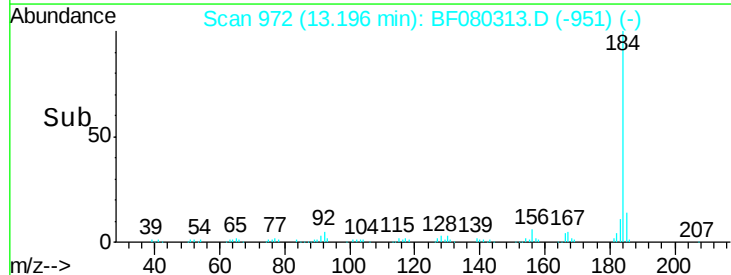
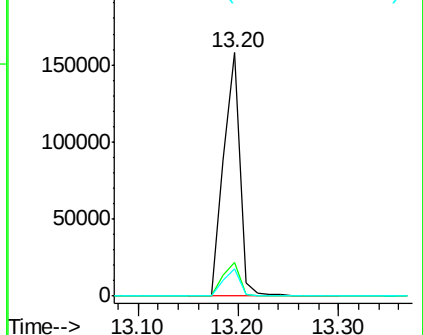
183 11.2 9.4 14.0

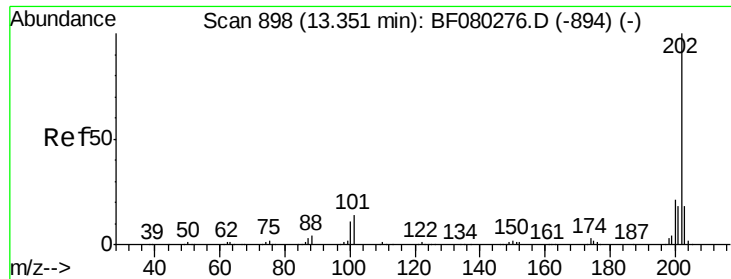


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

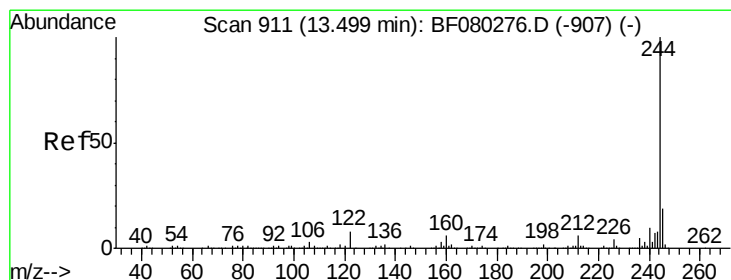
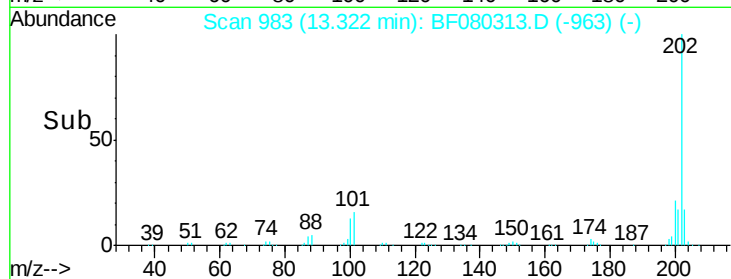
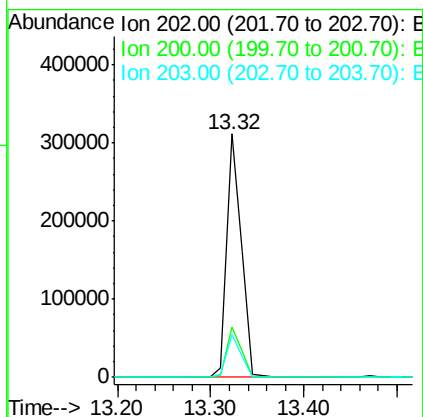
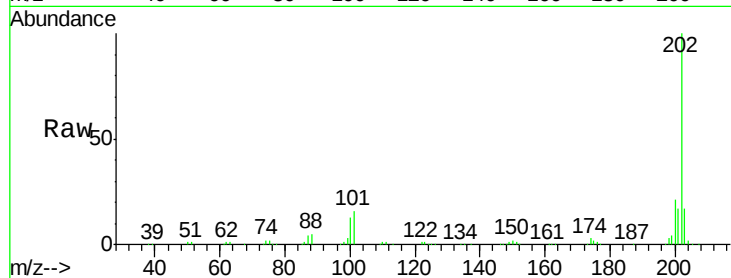




#77
 Pyrene
 Concen: 41.50 ng
 RT: 13.32 min Scan# 983
 Delta R.T. -0.07 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

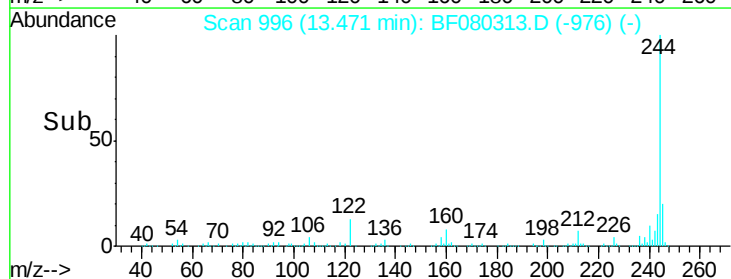
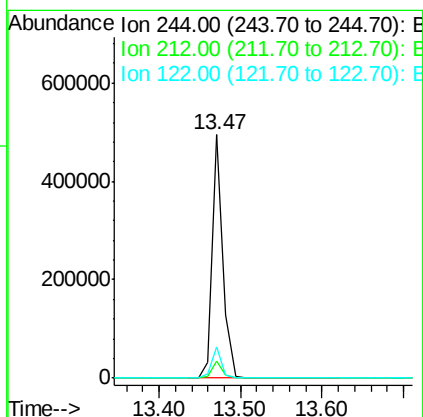
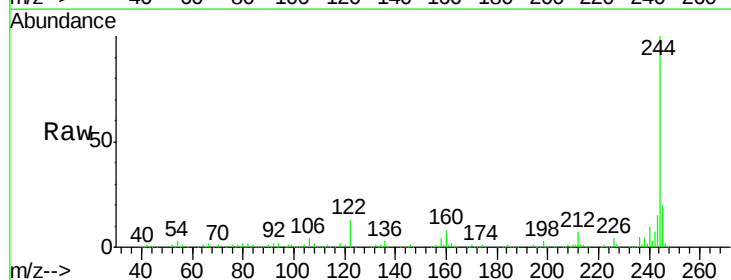
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

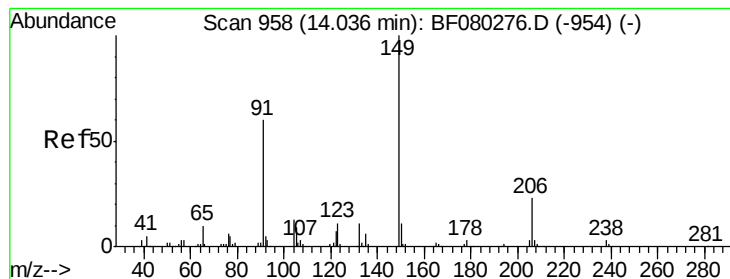
Tgt Ion: 202 Resp: 337590
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.0 25.6
 203 17.3 14.0 21.0



#78
 Terphenyl-d14
 Concen: 83.82 ng
 RT: 13.47 min Scan# 996
 Delta R.T. -0.07 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion: 244 Resp: 454729
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.6
 122 12.8 6.6 9.8#





#79

Butylbenzylphthalate

Concen: 43.01 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.10 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS

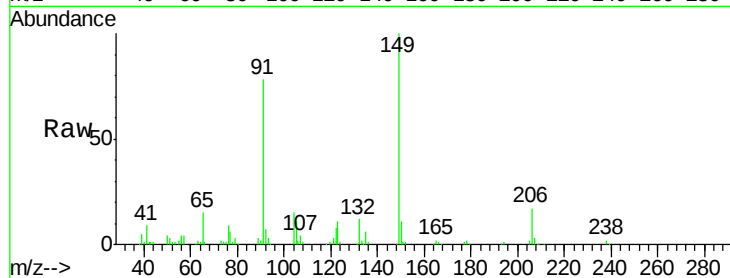
Tgt Ion:149 Resp: 134149

Ion Ratio Lower Upper

149 100

91 78.1 48.1 72.1#

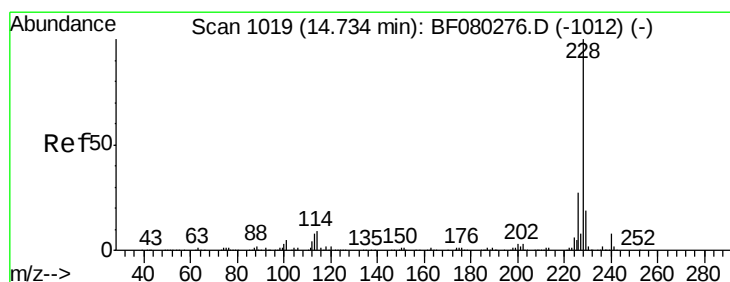
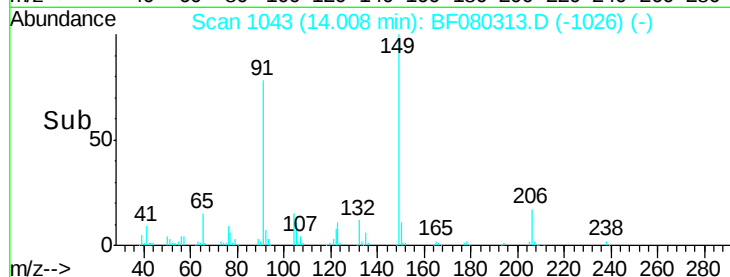
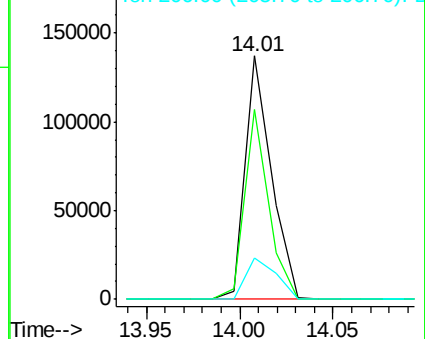
206 17.0 18.1 27.1#



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: 42.81 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.14 min

Lab File: BF080313.D

Acq: 2 Jul 2015 17:33

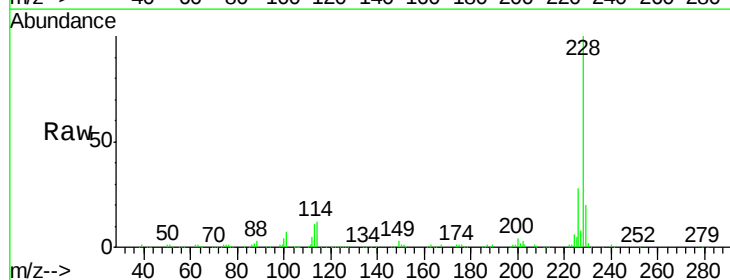
Tgt Ion:228 Resp: 328729

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

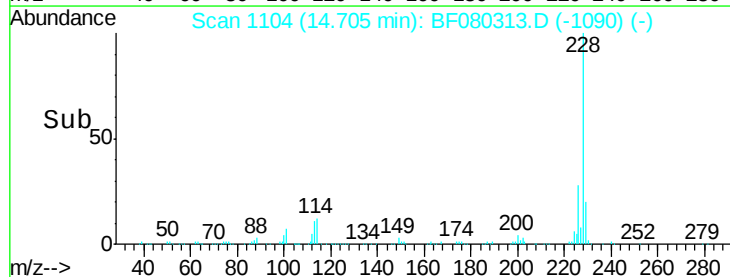
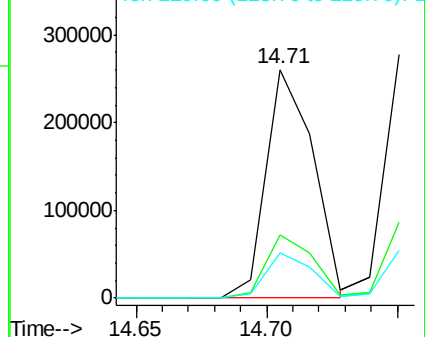
229 20.0 15.5 23.3



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

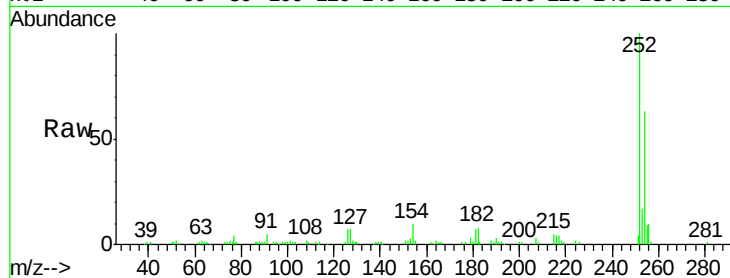




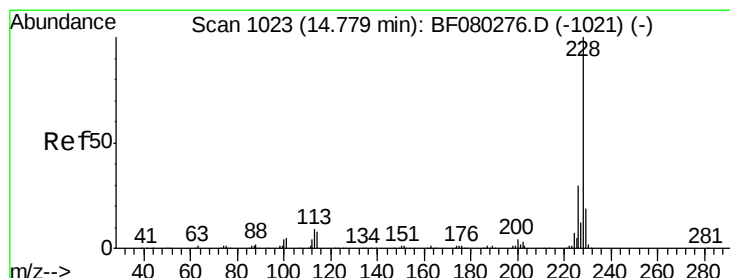
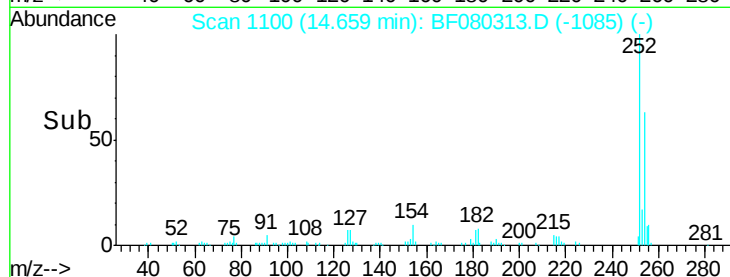
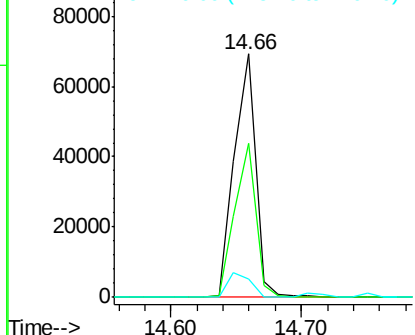
#81
 3,3'-Dichlorobenzidine
 Concen: 31.32 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.13 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

Tgt Ion:252 Resp: 78519
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.8 76.2
 126 7.3 9.0 13.6#

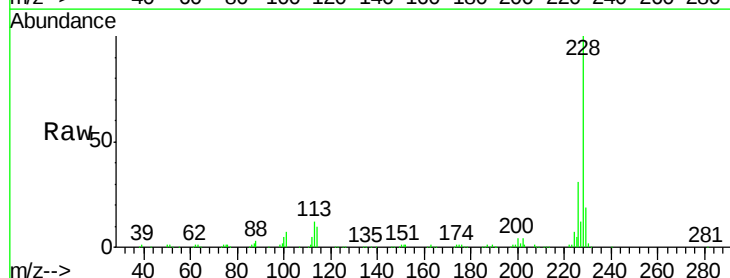


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

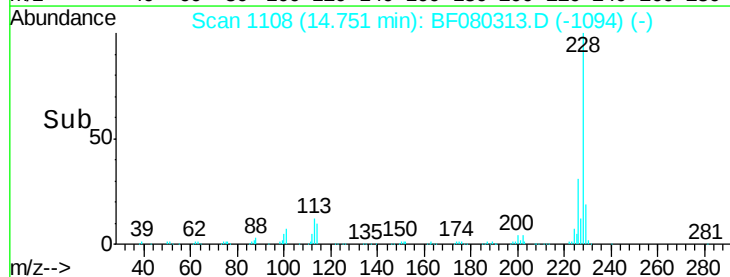
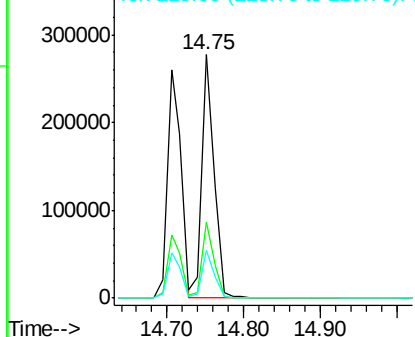


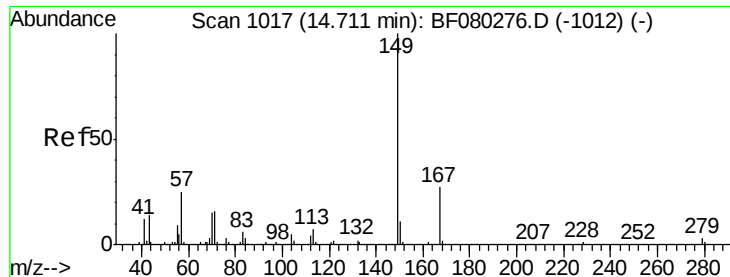
#82
 Chrysene
 Concen: 42.82 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.14 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:228 Resp: 303195
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.0 36.0
 229 19.4 15.4 23.0



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

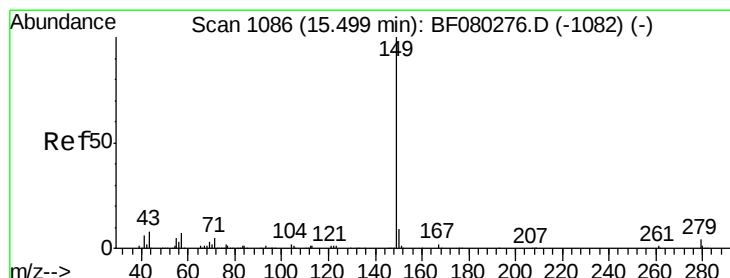
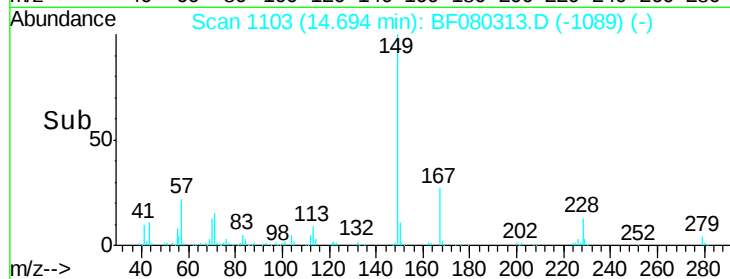
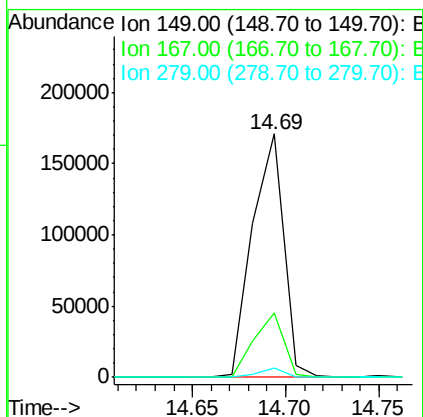
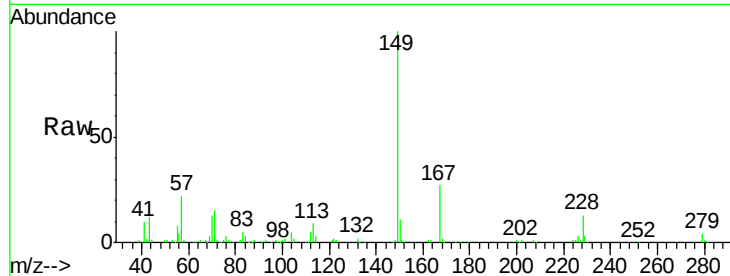




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.45 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.14 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

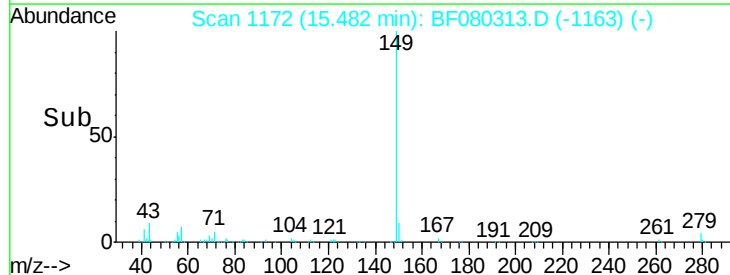
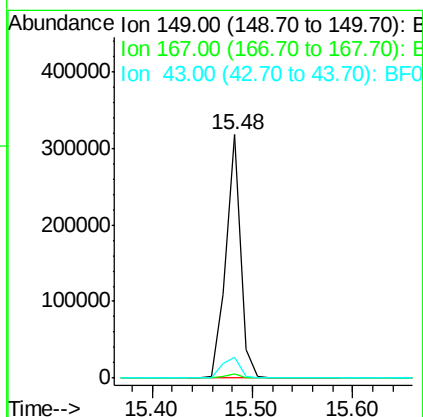
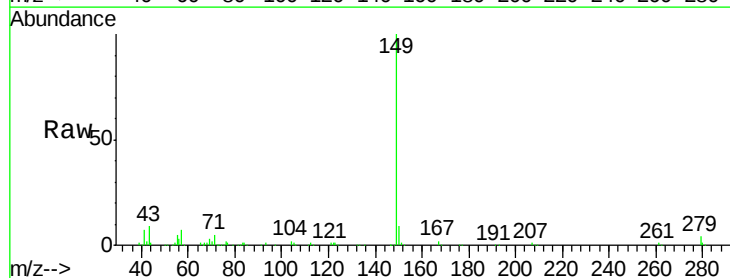
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

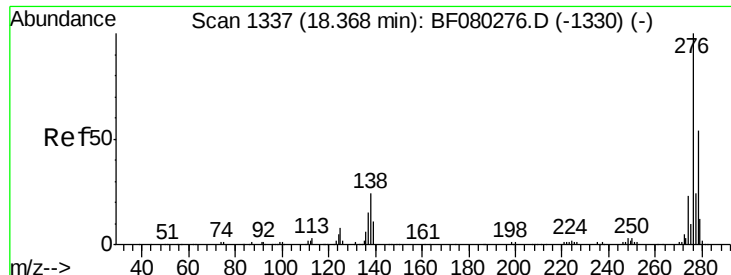
Tgt Ion:149 Resp: 199524
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.7 32.5
 279 3.9 2.7 4.1



#84
 Di-n-octyl phthalate
 Concen: 43.88 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.19 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion:149 Resp: 324586
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.1 8.3 12.5

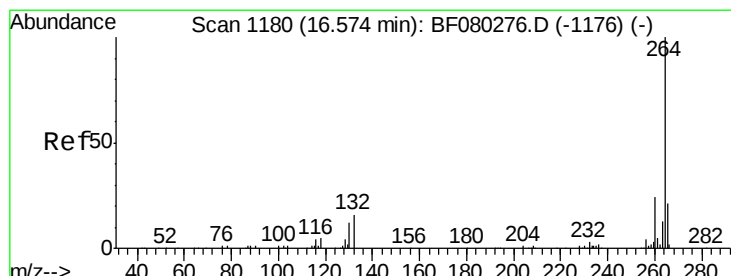
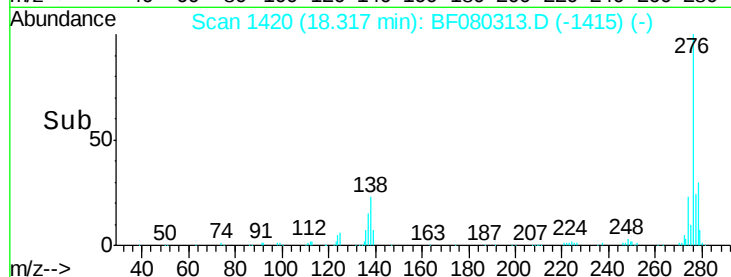
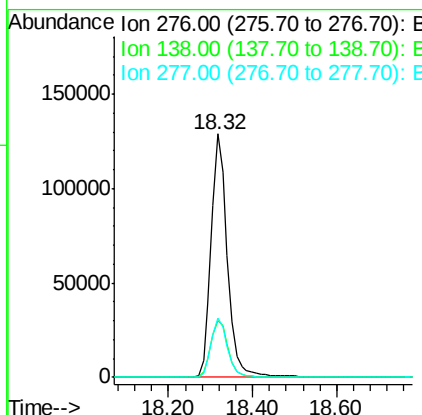
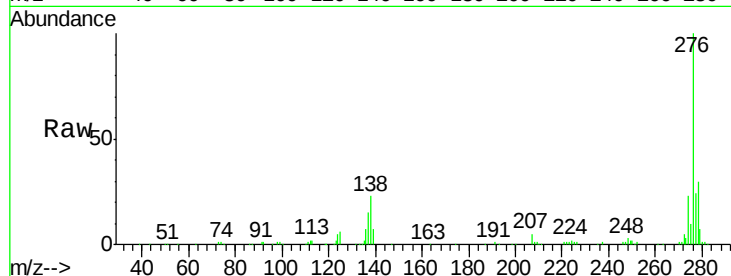




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.66 ng
 RT: 18.32 min Scan# 1420
 Delta R.T. -0.24 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

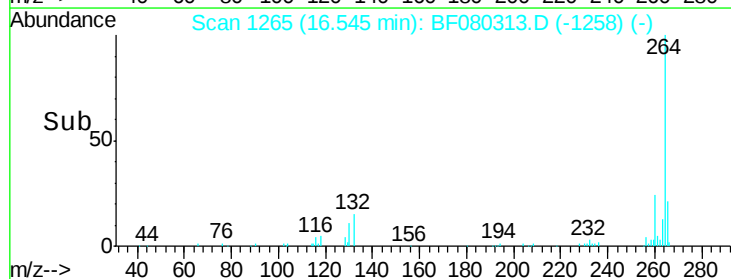
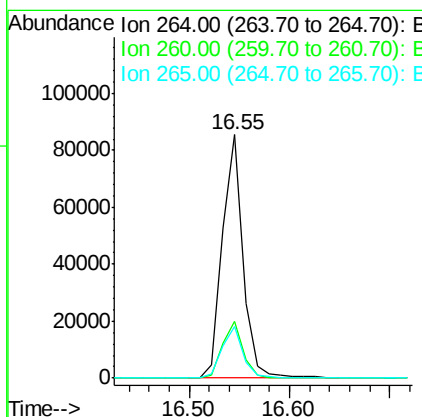
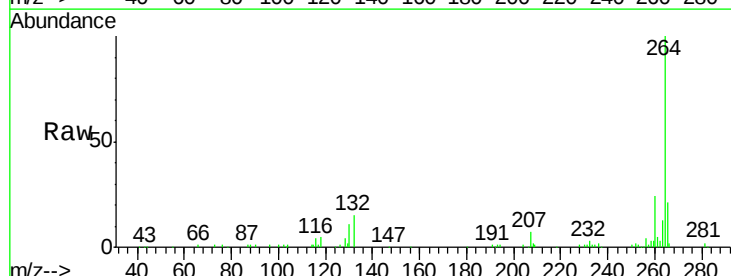
Instrument :
 BNA_F
 ClientSampleId :
 PB84335BS

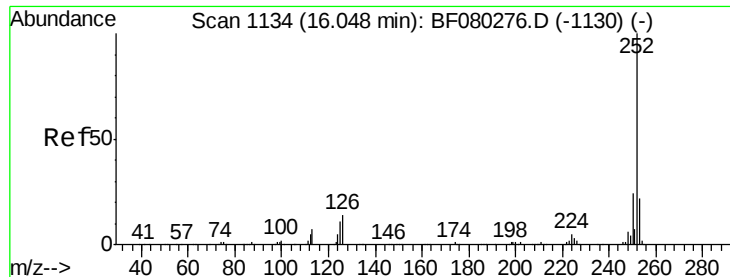
Tgt Ion: 276 Resp: 347513
 Ion Ratio Lower Upper
 276 100
 138 24.7 21.0 31.6
 277 24.6 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. -0.22 min
 Lab File: BF080313.D
 Acq: 2 Jul 2015 17:33

Tgt Ion: 264 Resp: 121622
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 16.9 25.3

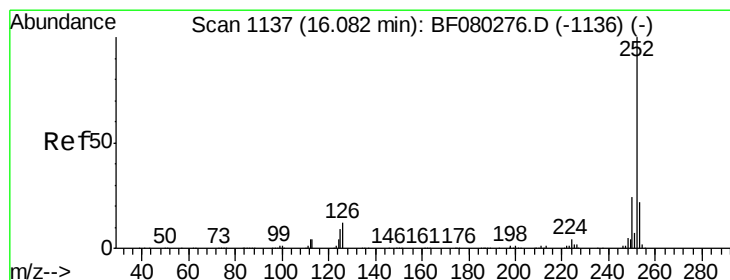
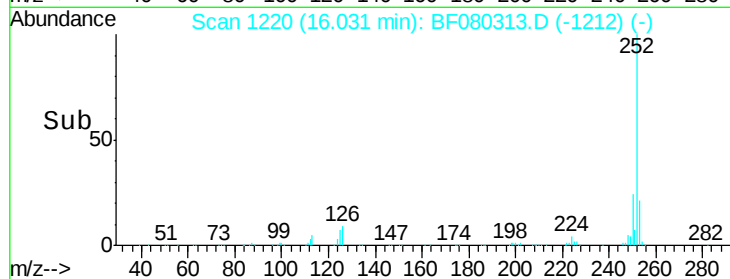
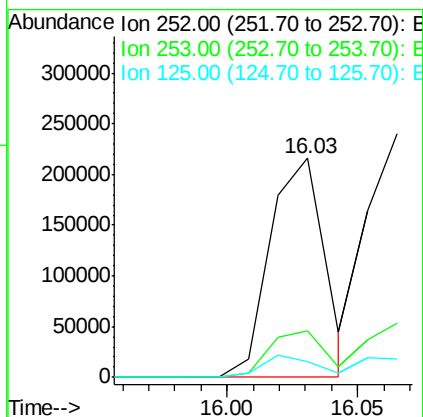
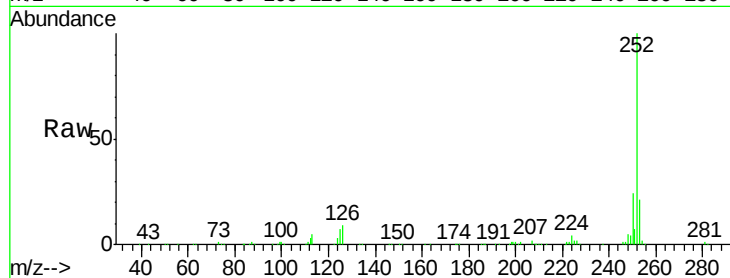




#87
Benzo(b)fluoranthene
Concen: 40.83 ng
RT: 16.03 min Scan# 1220
Delta R.T. -0.21 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

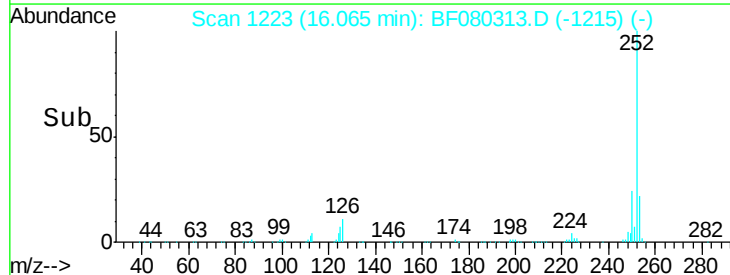
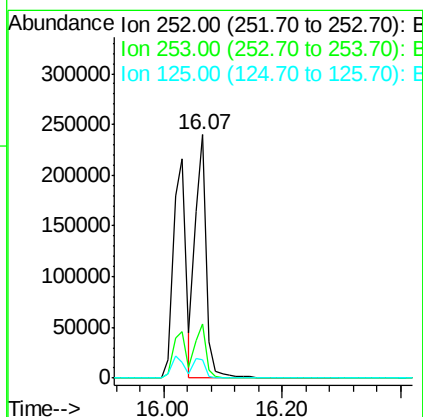
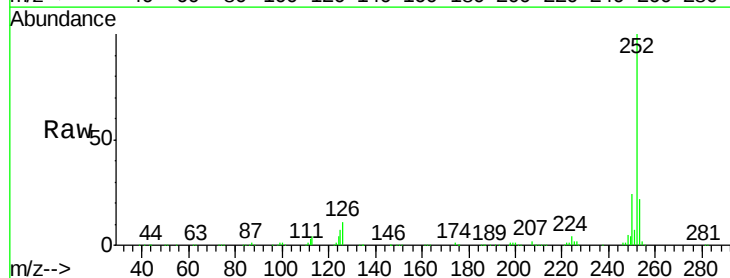
Instrument :
BNA_F
ClientSampleId :
PB84335BS

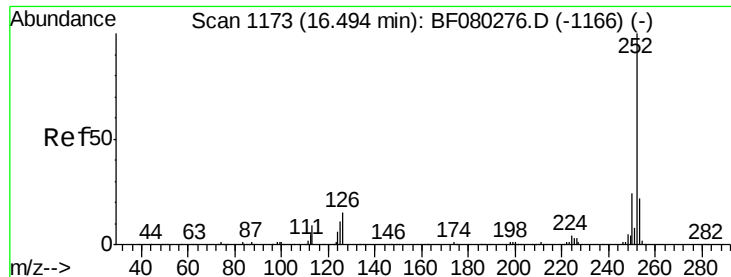
Tgt Ion:252 Resp: 313674
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 7.1 8.6 12.8#



#88
Benzo(k)fluoranthene
Concen: 44.23 ng
RT: 16.07 min Scan# 1223
Delta R.T. -0.21 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion:252 Resp: 319982
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.4 8.4 12.6#

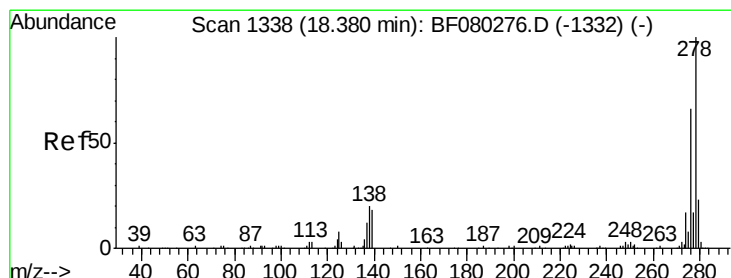
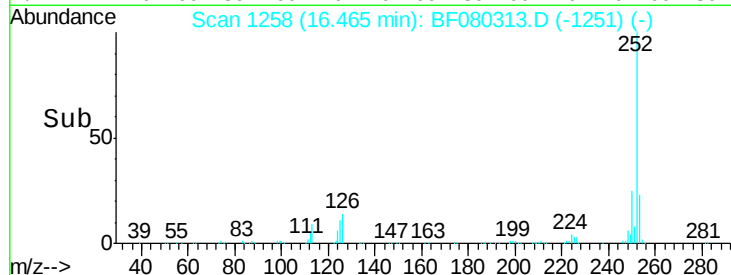
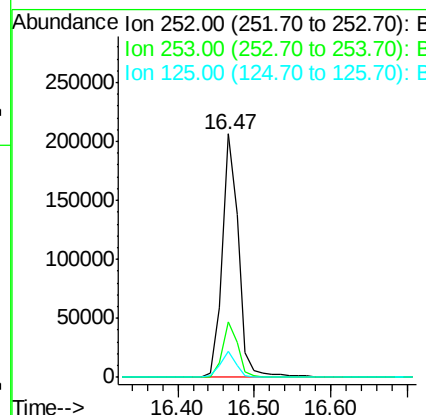
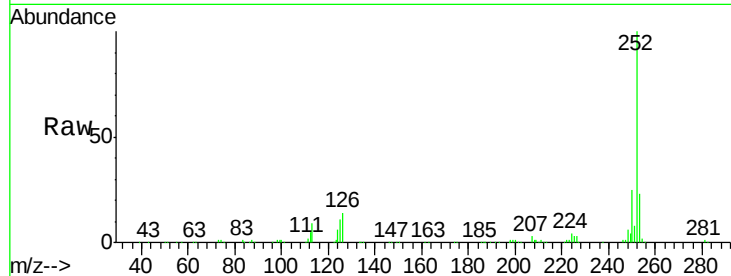




#89
Benzo(a)pyrene
Concen: 43.83 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.22 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

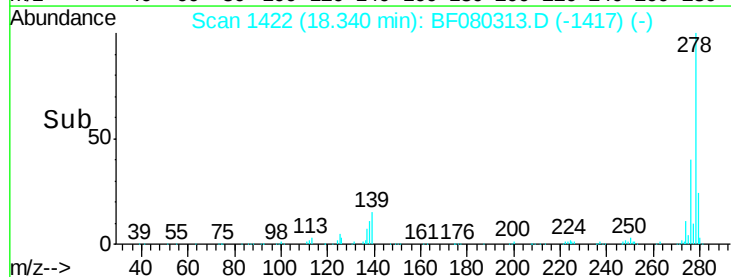
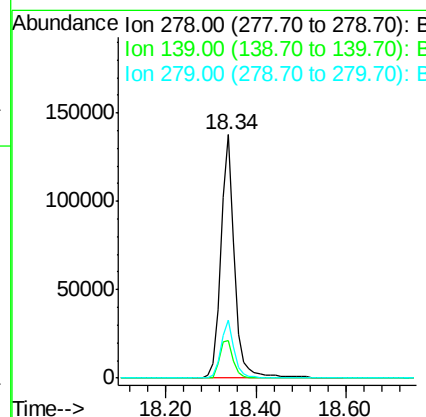
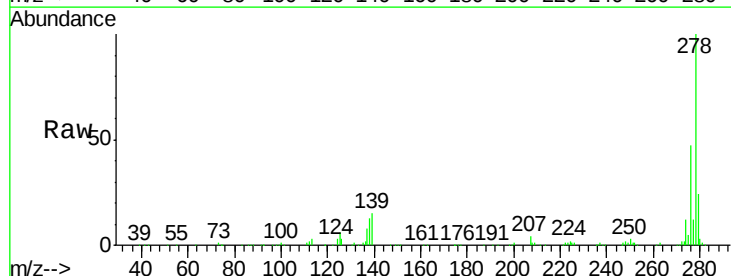
Instrument :
BNA_F
ClientSampled :
PB84335BS

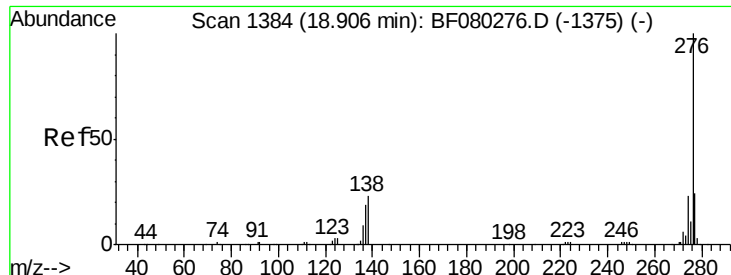
Tgt Ion: 252 Resp: 306906
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 10.7 9.0 13.4



#90
Dibenzo(a,h)anthracene
Concen: 44.13 ng
RT: 18.34 min Scan# 1422
Delta R.T. -0.24 min
Lab File: BF080313.D
Acq: 2 Jul 2015 17:33

Tgt Ion: 278 Resp: 289874
Ion Ratio Lower Upper
278 100
139 15.2 14.6 21.8
279 23.7 18.7 28.1





#91

Benzo(g,h,i)perylene

Concen: 42.74 ng

RT: 18.85 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF080313.D

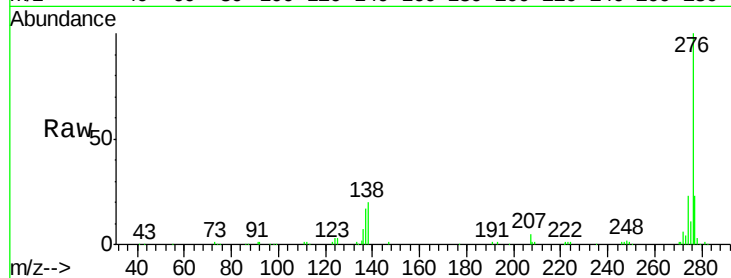
Acq: 2 Jul 2015 17:33

Instrument :

BNA_F

ClientSampleId :

PB84335BS



Tgt Ion:	276	Resp:	292928
Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.6
138	20.1	18.1	27.1

