

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080921.D
 Acq On : 7 Aug 2015 12:14
 Operator : TP/UM
 Sample : SSTDICC025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:58:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 23:54:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50366	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	199821	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	101193	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	204059	20.00	ng	0.00
75) Chrysene-d12	13.95	240	172191	20.00	ng	-0.01
86) Perylene-d12	15.36	264	172662	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	156424	50.74	ng	0.00
7) Phenol-d6	6.43	99	208570	49.38	ng	-0.01
23) Nitrobenzene-d5	7.37	82	210345	49.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	55158	49.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	400635	55.74	ng	0.00
78) Terphenyl-d14	12.91	244	482958	57.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	36890	25.23	ng	97
3) Pyridine	3.04	79	104291	24.98	ng	99
4) n-Nitrosodimethylamine	2.97	42	53833	25.43	ng	94
6) Aniline	6.46	93	163003	26.26	ng	97
8) 2-Chlorophenol	6.59	128	91096	25.54	ng	93
9) Benzaldehyde	6.35	77	82007	28.65	ng	95
10) Phenol	6.44	94	117263	23.40	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	101378	27.09	ng	91
12) 1,3-Dichlorobenzene	6.75	146	98353	25.98	ng	98
13) 1,4-Dichlorobenzene	6.83	146	95563	24.29	ng	98
14) 1,2-Dichlorobenzene	6.98	146	100225	28.18	ng	98
15) Benzyl Alcohol	6.94	79	85595	24.76	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	191021	25.37	ng	99
17) 2-Methylphenol	7.06	107	75254	24.72	ng	# 93
18) Hexachloroethane	7.32	117	39303	26.08	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	74155	24.02	ng	95
20) 3+4-Methylphenols	7.22	107	103620	27.09	ng	94
22) Acetophenone	7.22	105	130852	26.73	ng	# 93
24) Nitrobenzene	7.39	77	121932	28.03	ng	95
25) Isophorone	7.63	82	202072	24.87	ng	# 93
26) 2-Nitrophenol	7.71	139	50935	27.83	ng	96
27) 2,4-Dimethylphenol	7.74	122	83306	24.31	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	131182	26.90	ng	98
29) 2,4-Dichlorophenol	7.95	162	77492	27.52	ng	94
30) 1,2,4-Trichlorobenzene	8.04	180	77915	25.32	ng	99
31) Naphthalene	8.11	128	276126	25.07	ng	99
32) Benzoic acid	7.85	122	52861	25.65	ng	94
33) 4-Chloroaniline	8.17	127	129648	28.96	ng	93
34) Hexachlorobutadiene	8.24	225	47721	26.06	ng	96
35) Caprolactam	8.52	113	26131	26.57	ng	# 70
36) 4-Chloro-3-methylphenol	8.65	107	93106	27.10	ng	88
37) 2-Methylnaphthalene	8.81	142	195633	27.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	70932	22.74	ng	98
40) Hexachlorocyclopentadiene	8.97	237	42953	25.23	ng	96

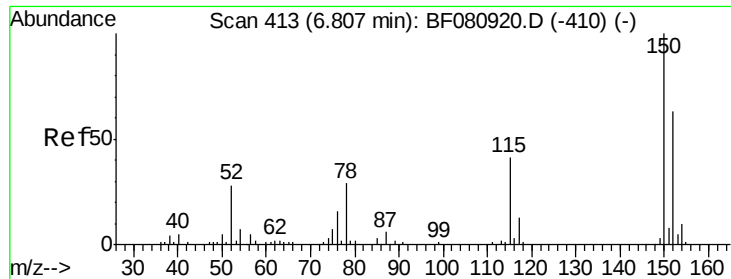
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080921.D
 Acq On : 7 Aug 2015 12:14
 Operator : TP/UM
 Sample : SSTDICC025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Aug 07 23:58:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 23:54:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	57928	24.91	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	55004	24.68	nq	# 76
45) 1,1'-Biphenyl	9.26	154	210831	24.28	nq	96
46) 2-Chloronaphthalene	9.29	162	164760	24.33	nq	# 91
47) 2-Nitroaniline	9.39	65	75105	27.66	nq	# 84
48) Acenaphthylene	9.71	152	311438	26.46	nq	99
49) Dimethylphthalate	9.57	163	217454	25.87	nq	99
50) 2,6-Dinitrotoluene	9.63	165	46125	26.56	nq	# 81
51) Acenaphthene	9.88	154	193046	26.78	nq	99
52) 3-Nitroaniline	9.80	138	54230	25.33	nq	# 72
53) 2,4-Dinitrophenol	9.90	184	21010	22.92	nq	# 76
54) Dibenzofuran	10.05	168	254182	26.07	nq	95
55) 4-Nitrophenol	9.95	139	41940	26.17	nq	# 64
56) 2,4-Dinitrotoluene	10.03	165	65127	28.03	nq	# 79
57) Fluorene	10.40	166	187480	24.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	49120	26.83	nq	99
59) Diethylphthalate	10.27	149	227203	25.97	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	90214	24.55	nq	94
61) 4-Nitroaniline	10.41	138	61357	27.85	nq	92
62) Azobenzene	10.54	77	240665	24.60	nq	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	29358	23.21	nq	# 43
65) n-Nitrosodiphenylamine	10.50	169	173741	24.51	nq	98
66) 4-Bromophenyl-phenylether	10.88	248	59552	27.55	nq	# 87
67) Hexachlorobenzene	10.93	284	57475	23.92	nq	# 58
68) Atrazine	11.04	200	54009	25.98	nq	93
69) Pentachlorophenol	11.13	266	35208	25.20	nq	95
70) Phenanthrene	11.34	178	275351	23.83	nq	99
71) Anthracene	11.40	178	323578	28.29	nq	99
72) Carbazole	11.55	167	275196	24.71	nq	# 98
73) Di-n-butylphthalate	11.89	149	400186	28.74	nq	99
74) Fluoranthene	12.53	202	355904	28.49	nq	98
76) Benzidine	12.66	184	212443	31.30	nq	98
77) Pyrene	12.76	202	356172	28.00	nq	99
79) Butylbenzylphthalate	13.38	149	157642	25.71	nq	# 59
80) Benzo(a)anthracene	13.94	228	298654	27.46	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	108352	27.39	nq	# 96
82) Chrysene	13.99	228	303995	29.19	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	237687	27.86	nq	100
84) Di-n-octyl phthalate	14.56	149	438014	30.28	nq	98
85) Indeno(1,2,3-cd)pyrene	16.72	276	285864	28.83	nq	100
87) Benzo(b)fluoranthene	14.99	252	590840	49.21	nq	99
88) Benzo(k)fluoranthene	14.99	252	590840	56.45	nq	# 96
89) Benzo(a)pyrene	15.30	252	266749	25.85	nq	# 96
90) Dibenzo(a,h)anthracene	16.73	278	238797	26.16	nq	99
91) Benzo(g,h,i)perylene	17.12	276	229118	25.80	nq	98

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

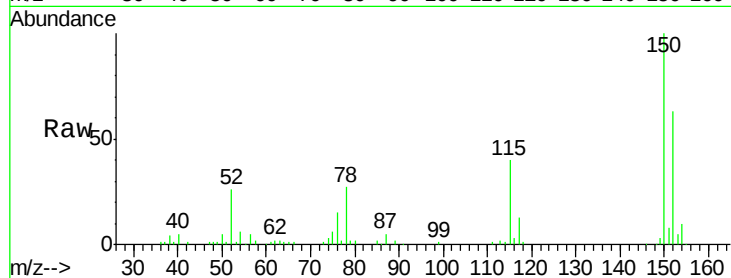


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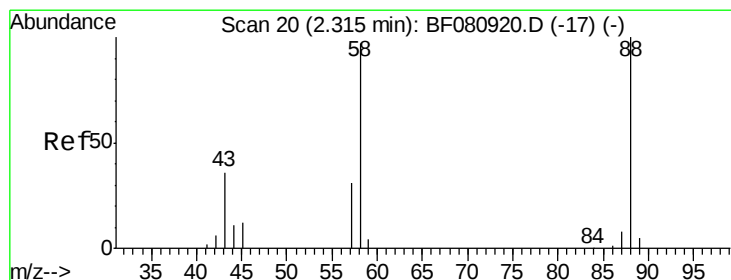
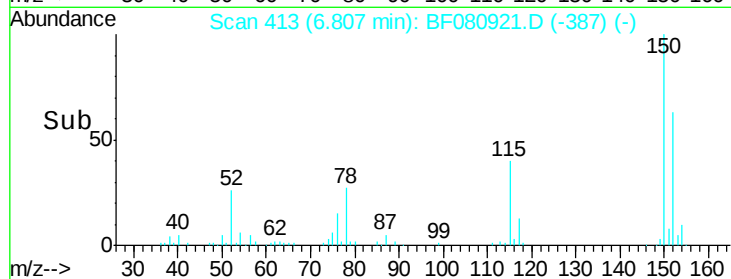
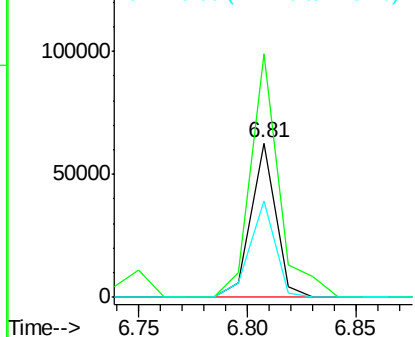
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50366
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.2
115 62.4 52.6 78.8



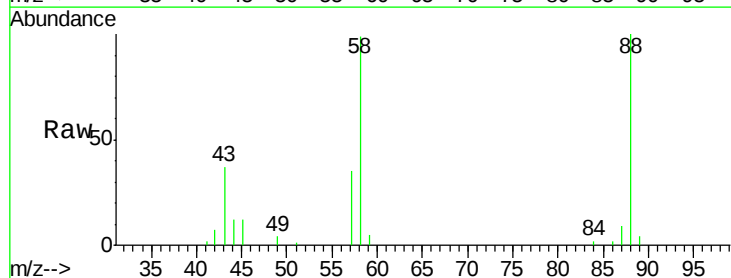
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



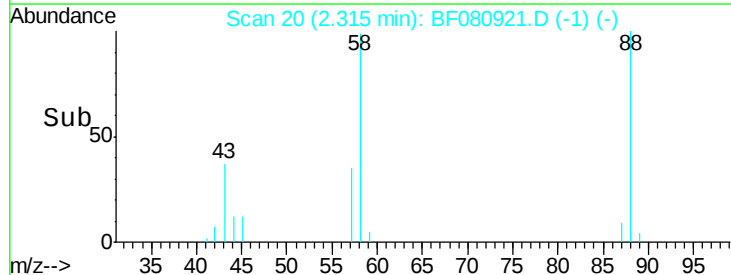
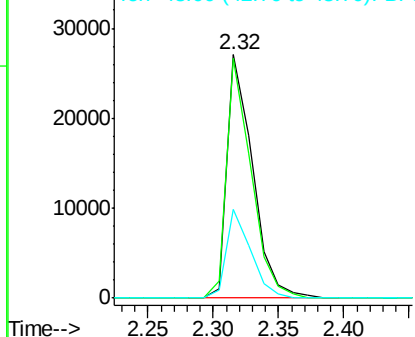
#2

1,4-Dioxane
Concen: 25.23 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion: 88 Resp: 36890
Ion Ratio Lower Upper
88 100
58 95.2 79.3 118.9
43 34.7 28.3 42.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

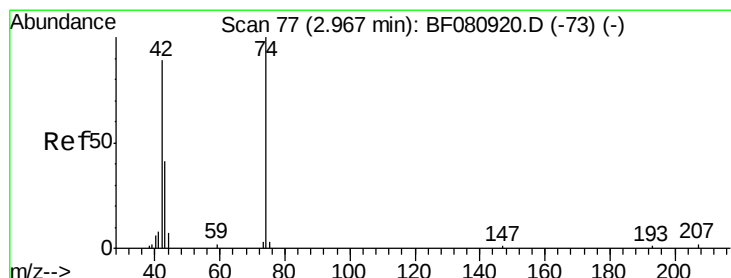
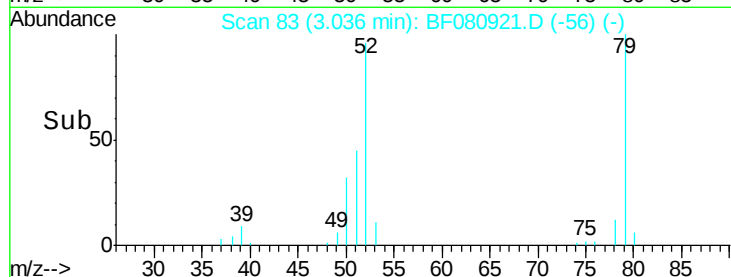
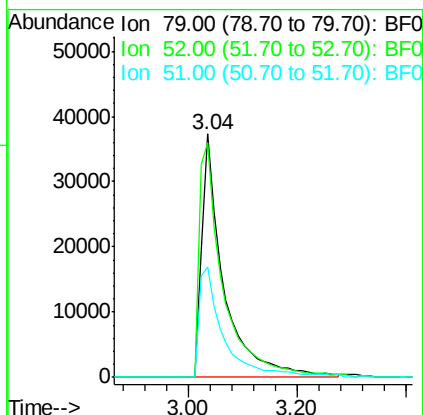
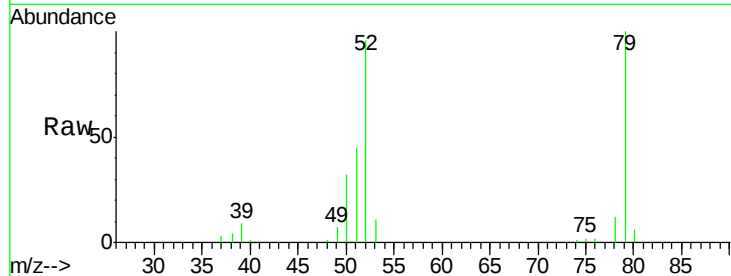




#3
 Pvridine
 Concen: 24.98 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

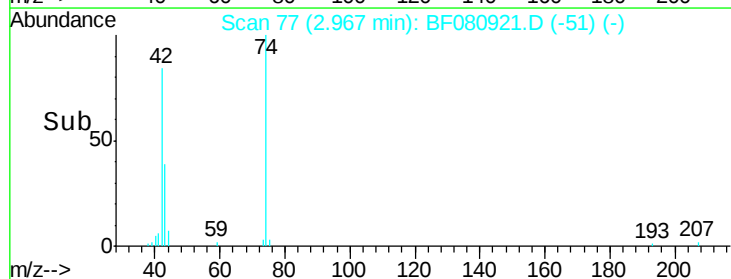
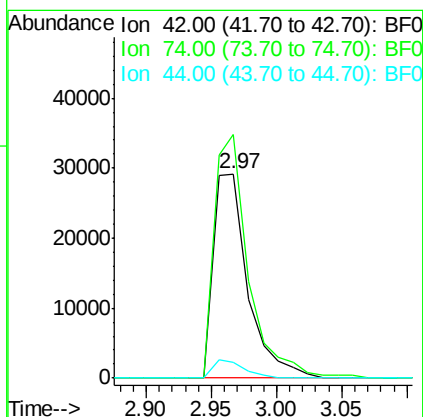
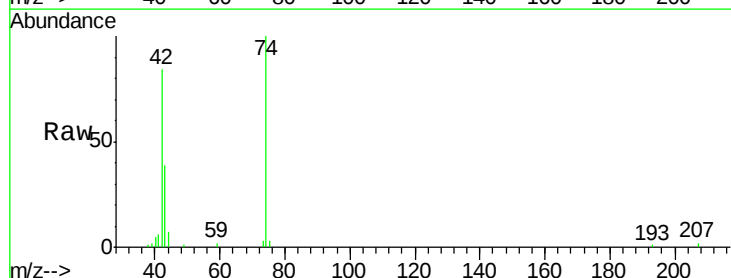
Instrument :
 BNA_F
 ClientSampled :

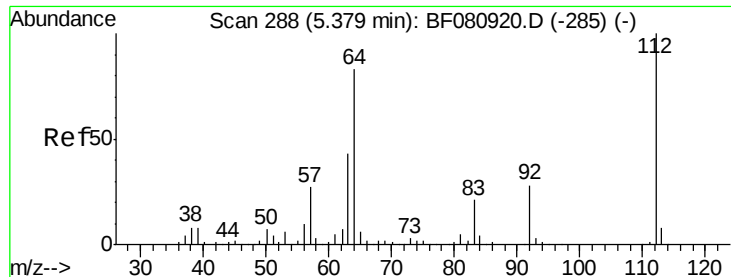
Tot Ion: 79 Resp: 104291
 Ion Ratio Lower Upper
 79 100
 52 96.3 77.2 115.8
 51 45.3 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 25.43 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion: 42 Resp: 53833
 Ion Ratio Lower Upper
 42 100
 74 119.3 89.8 134.8
 44 7.9 6.5 9.7





#5

2-Fluorophenol

Concen: 50.74 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

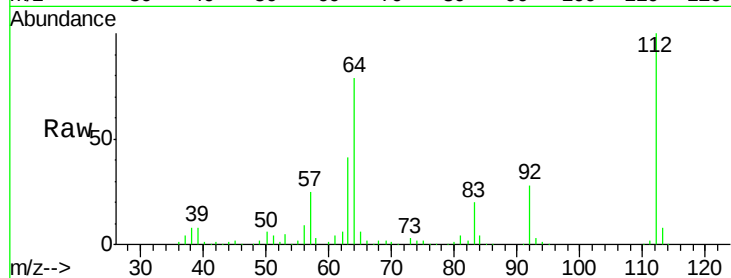
Tot Ion:112 Resp: 156424

Ion Ratio Lower Upper

112 100

64 79.1 66.1 99.1

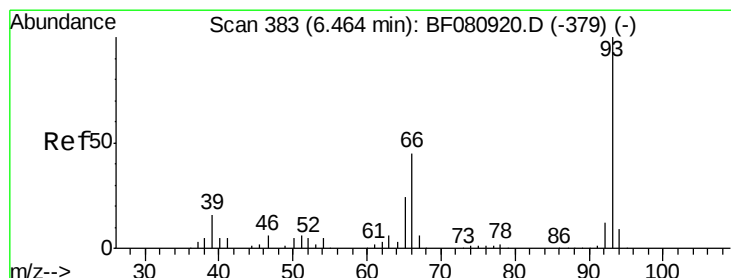
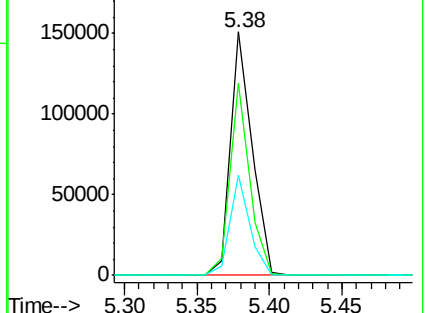
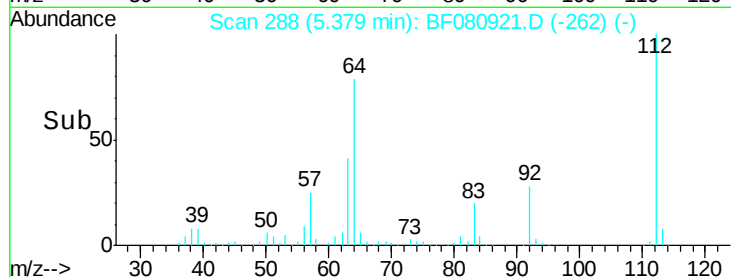
63 41.2 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.26 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

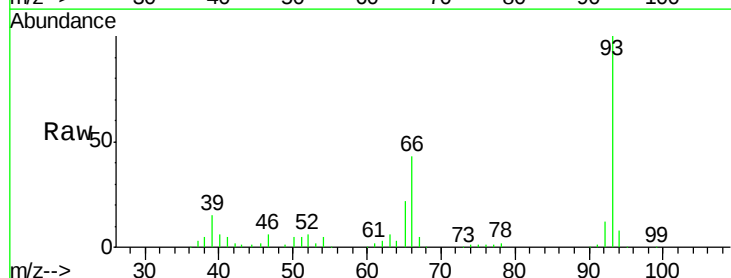
Tgt Ion: 93 Resp: 163003

Ion Ratio Lower Upper

93 100

66 43.1 36.2 54.4

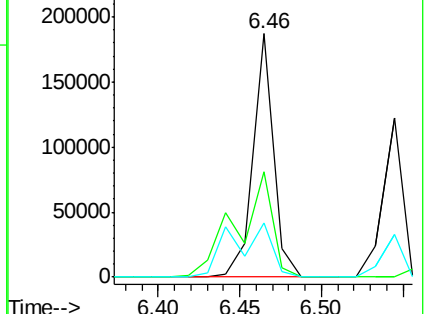
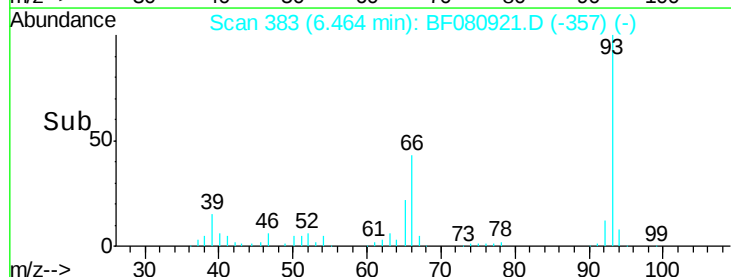
65 22.4 19.0 28.4

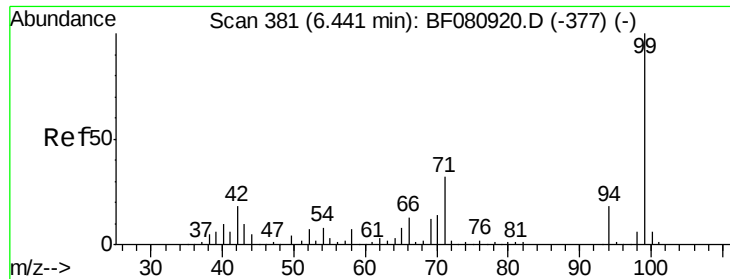


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 49.38 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

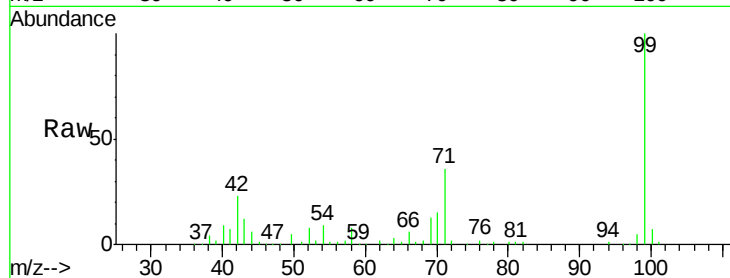
Instrument :

BNA_F

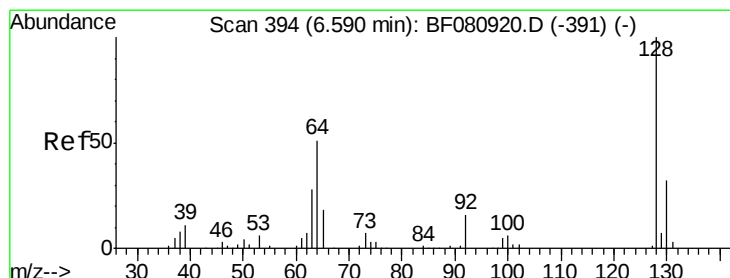
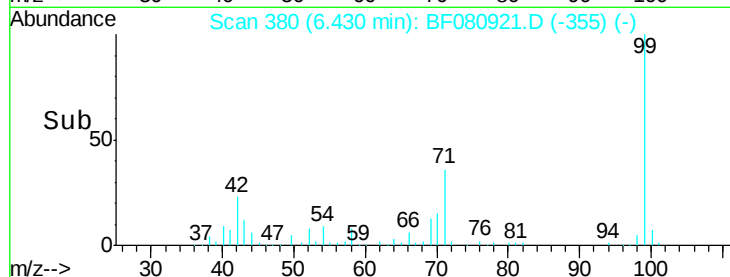
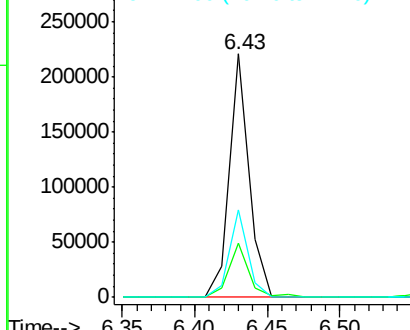
ClientSampleId :

Tot Ion: 99 Resp: 208570

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.4	21.6#
71	35.7	25.8	38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.54 ng

RT: 6.59 min Scan# 394

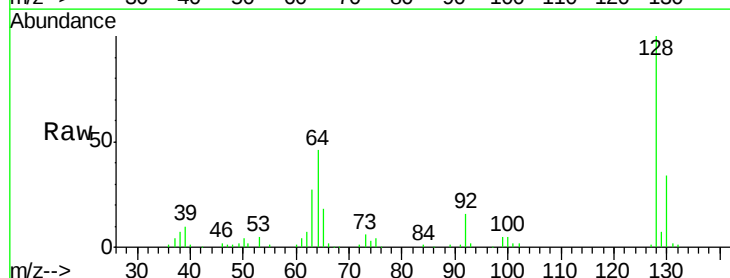
Delta R.T. 0.00 min

Lab File: BF080921.D

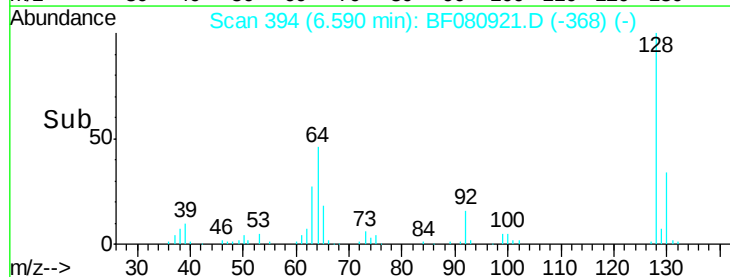
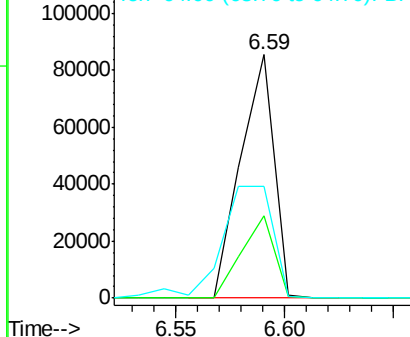
Acq: 7 Aug 2015 12:14

Tgt Ion: 128 Resp: 91096

Ion	Ratio	Lower	Upper
128	100		
130	34.1	12.4	52.4
64	45.7	32.1	72.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.65 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampled :

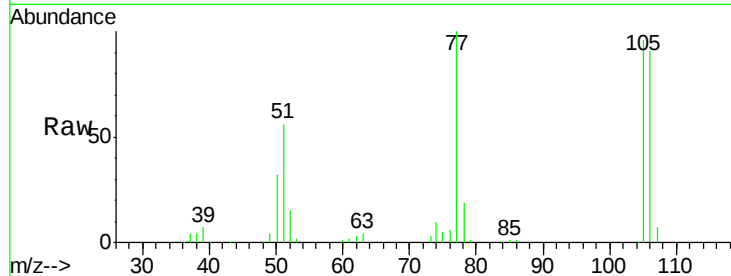
Tot Ion: 77 Resp: 82007

Ion Ratio Lower Upper

77 100

105 95.9 71.6 111.6

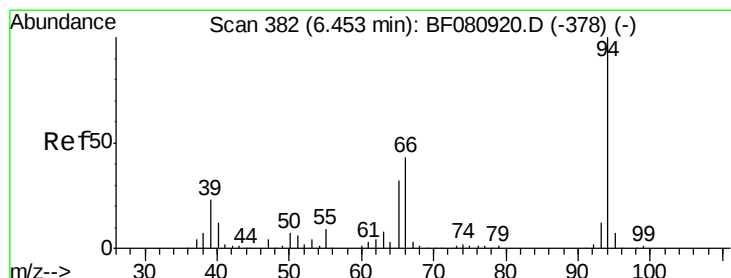
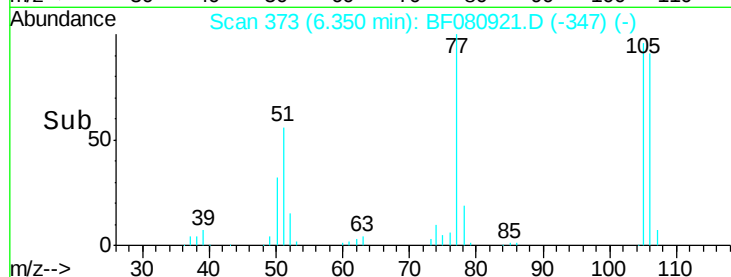
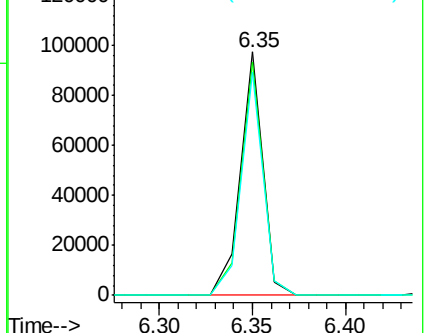
106 91.5 65.7 105.7



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: 23.40 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

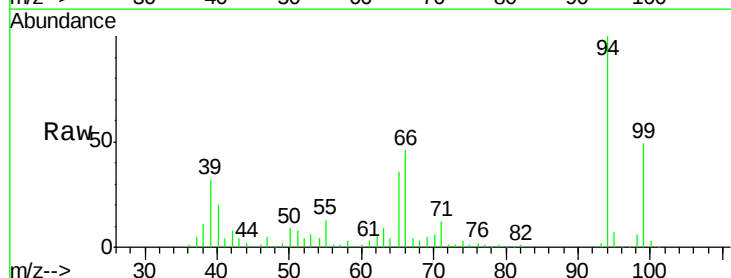
Tgt Ion: 94 Resp: 117263

Ion Ratio Lower Upper

94 100

65 35.5 11.8 51.8

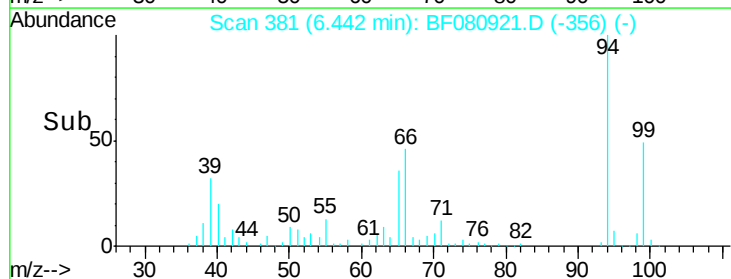
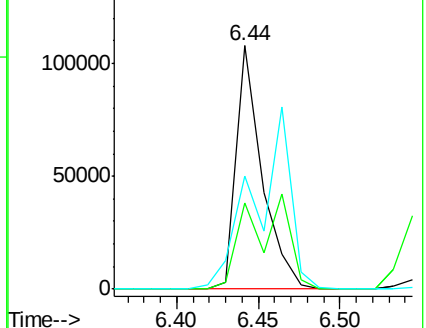
66 46.4 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

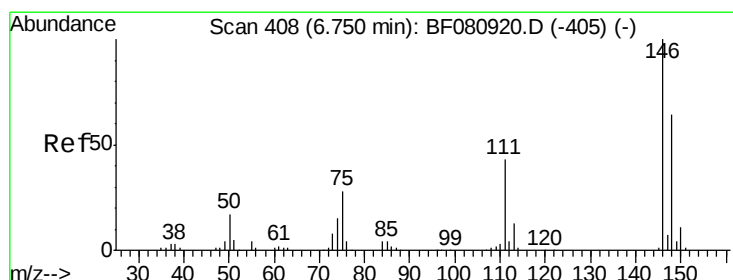
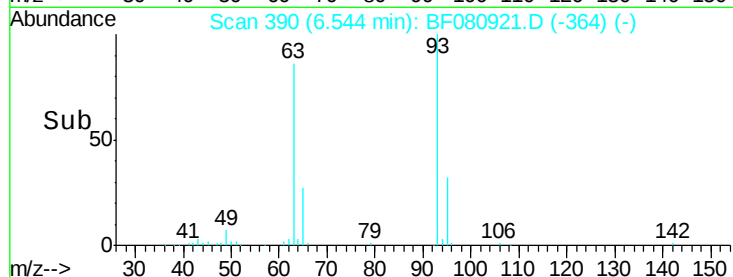
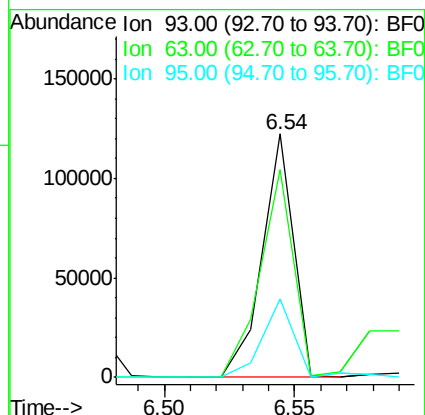
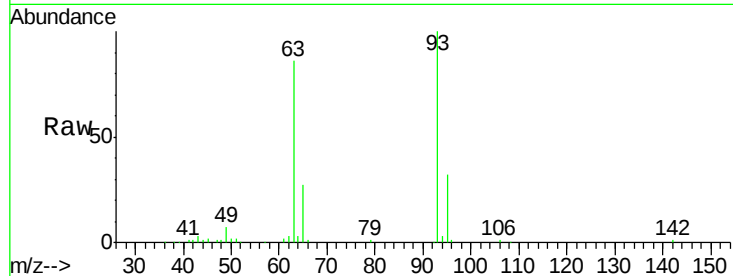




#11
bis(2-Chloroethyl)ether
Concen: 27.09 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

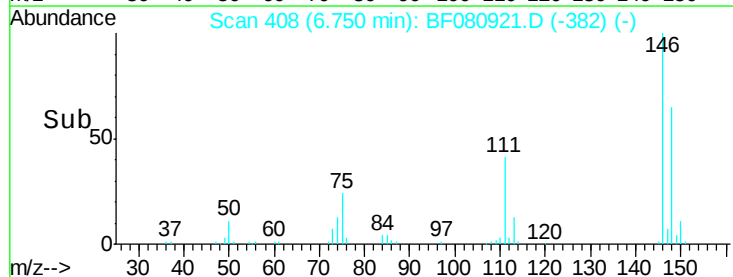
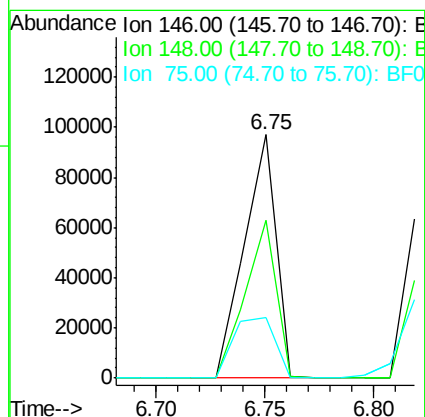
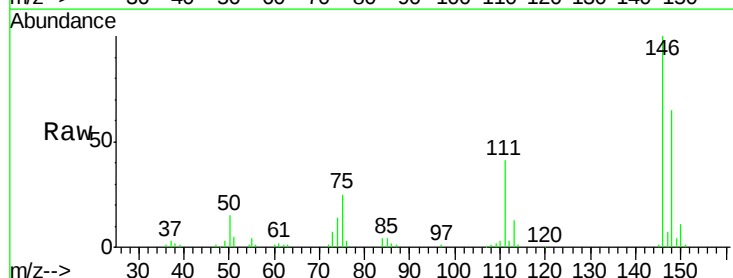
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 101378
Ion Ratio Lower Upper
93 100
63 85.5 76.7 116.7
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 25.98 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion: 146 Resp: 98353
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.0
75 24.8 22.2 33.4

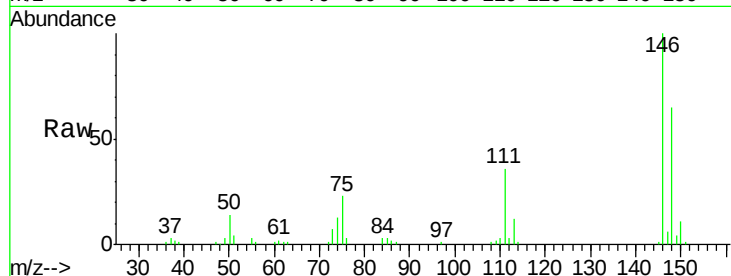




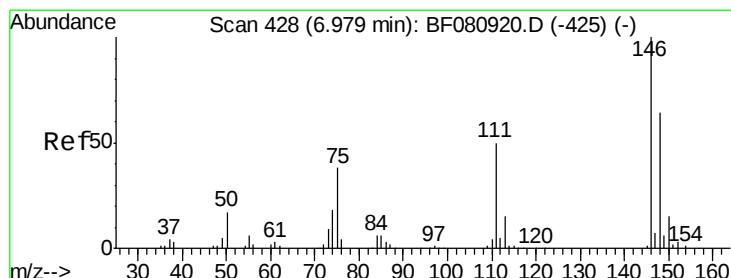
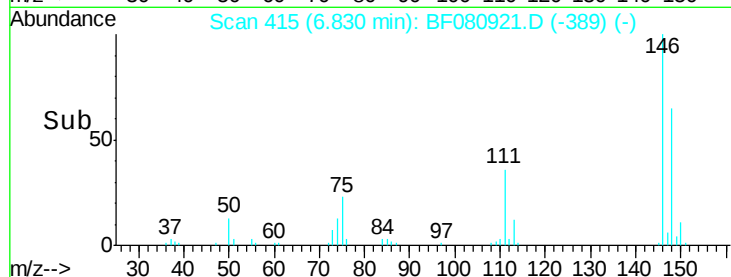
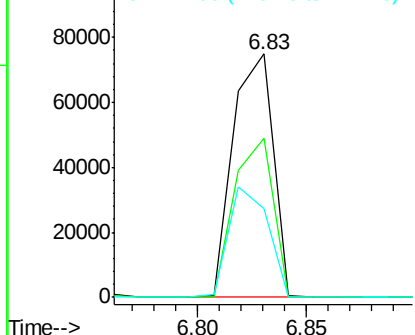
#13
 1,4-Dichlorobenzene
 Concen: 24.29 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 95563
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.4
 111 36.2 31.5 47.3

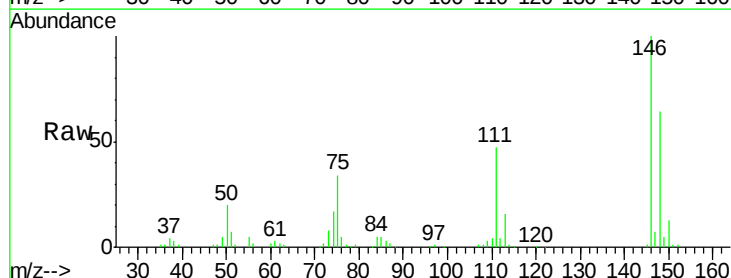


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

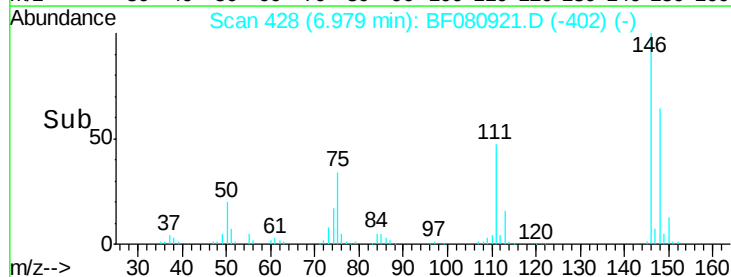
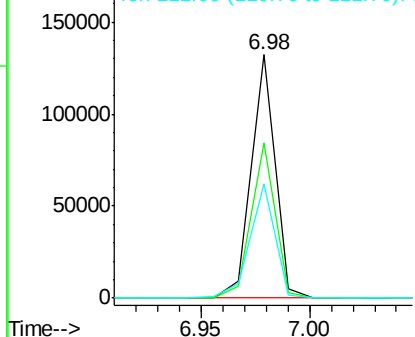


#14
 1,2-Dichlorobenzene
 Concen: 28.18 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:146 Resp: 100225
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 47.1 40.0 60.0



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

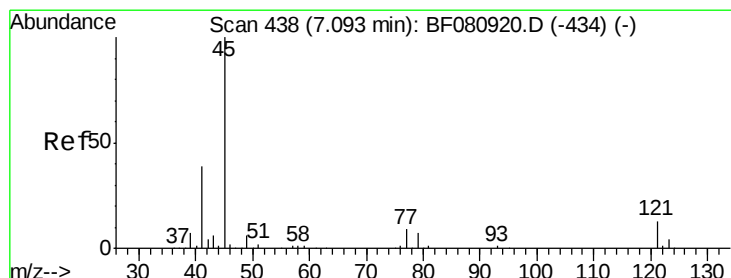
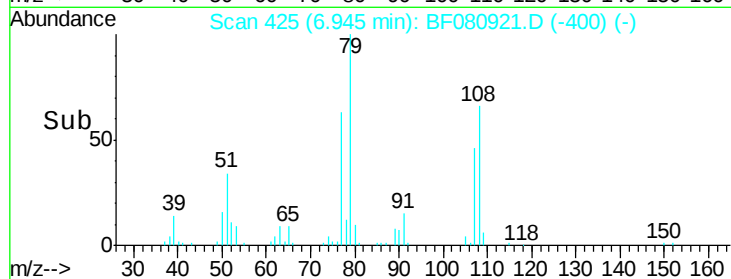
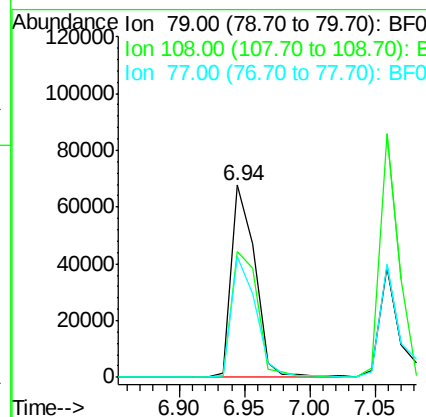
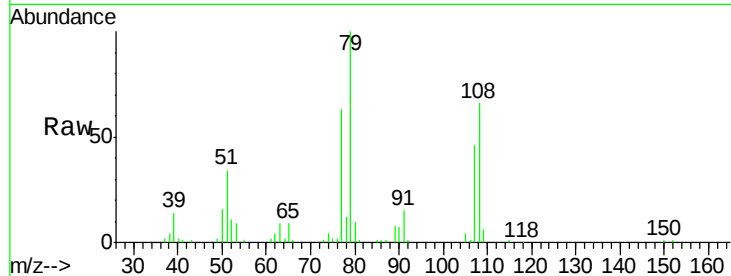




#15
Benzyl Alcohol
Concen: 24.76 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

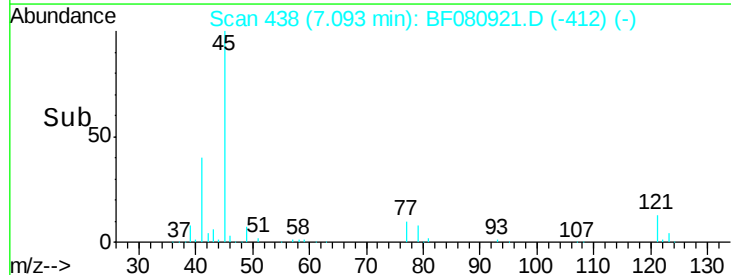
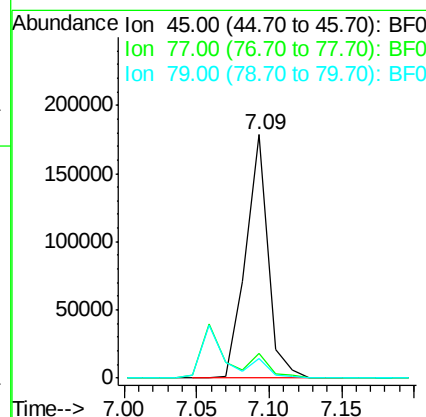
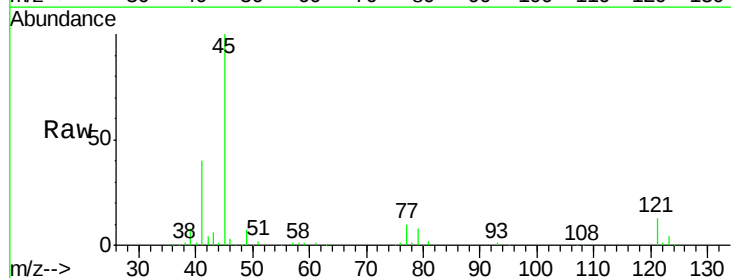
Instrument :
BNA_F
ClientSampled :

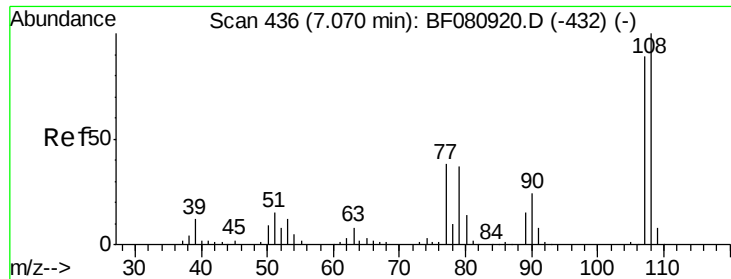
Tot Ion	Ratio	Lower	Upper
79	100		
108	65.7	60.9	91.3
77	63.0	49.4	74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.37 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	29.6
79	8.1	0.0	27.7

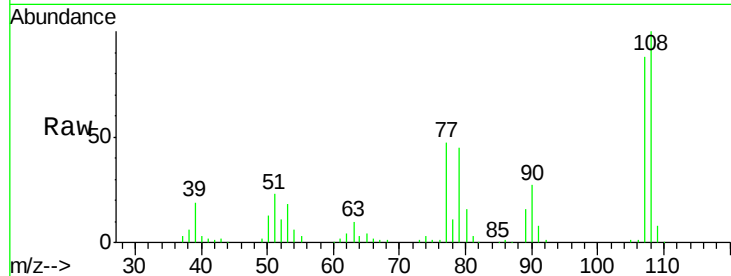




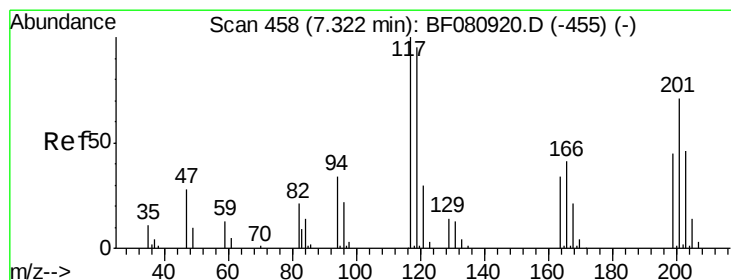
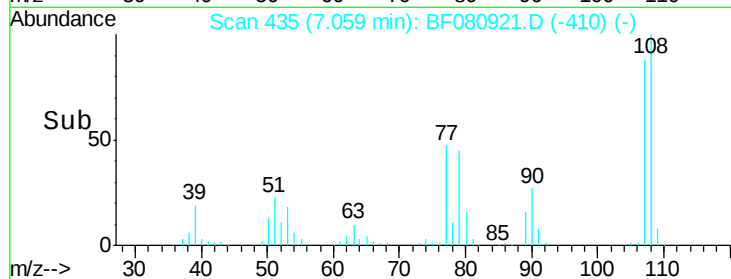
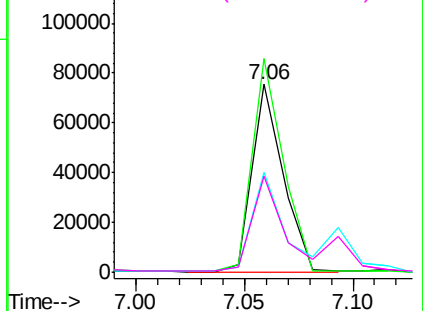
#17
2-Methylphenol
Concen: 24.72 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 75254
Ion Ratio Lower Upper
107 100
108 113.6 90.3 135.5
77 52.9 34.6 51.8#
79 51.3 33.6 50.4#

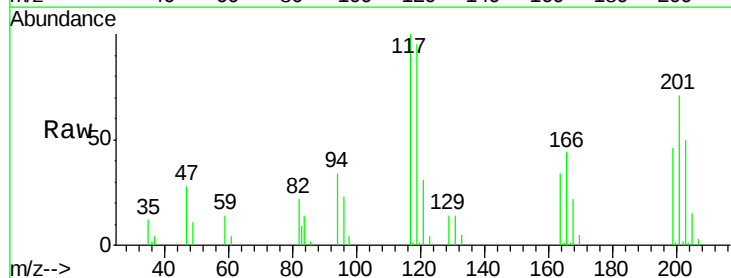


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

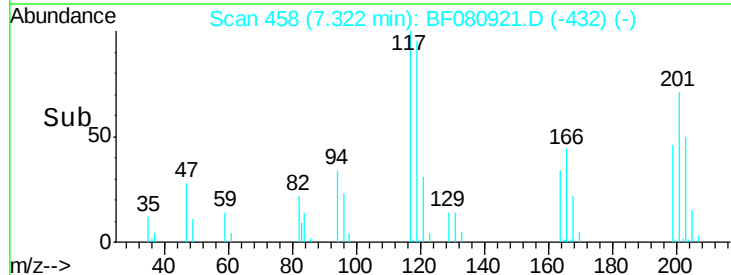
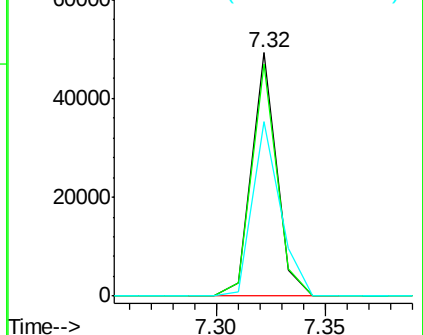


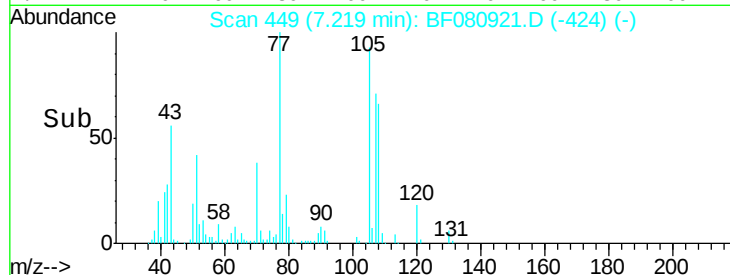
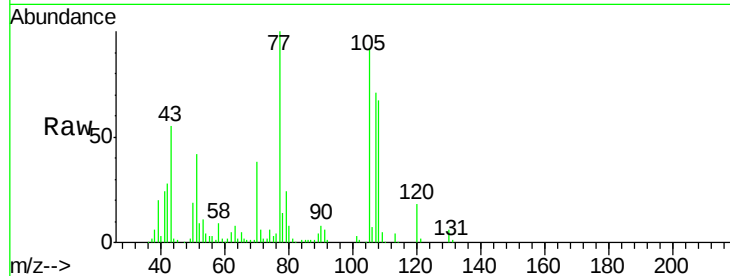
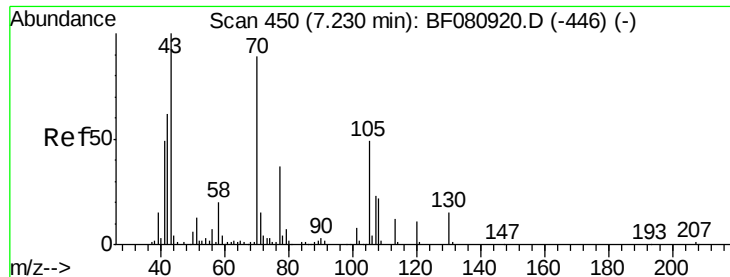
#18
Hexachloroethane
Concen: 26.08 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:117 Resp: 39303
Ion Ratio Lower Upper
117 100
119 95.2 76.3 114.5
201 71.4 57.0 85.6



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

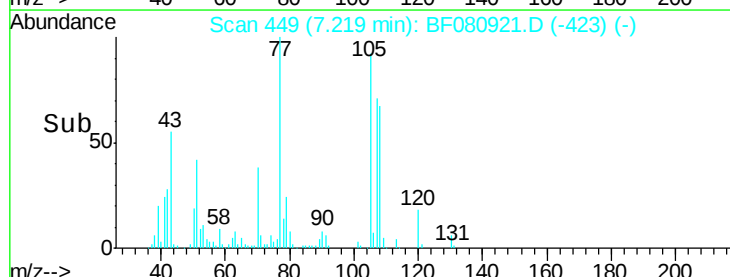
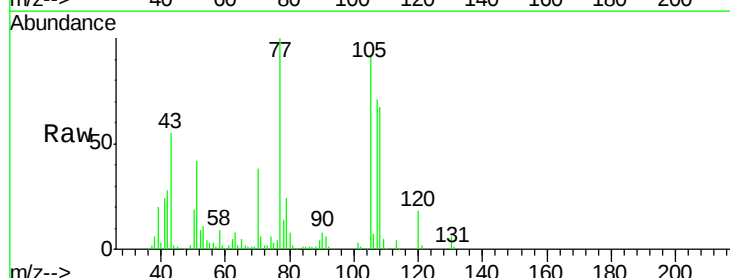
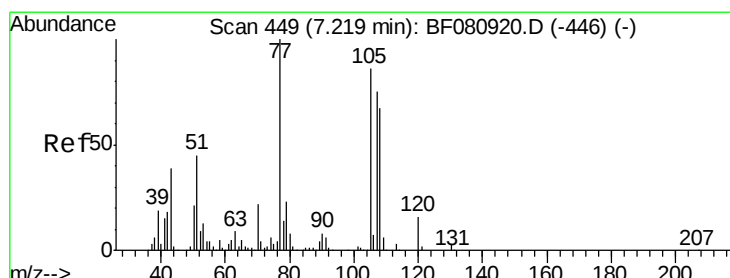
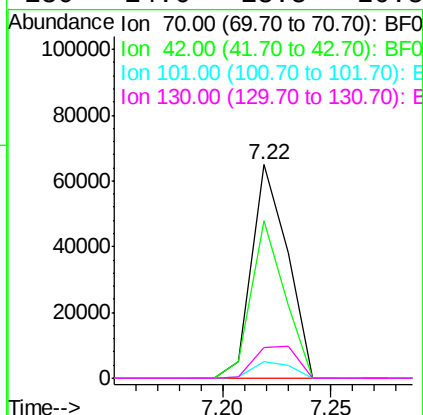




#19
n-Nitroso-di-n-propylamine
Concen: 24.02 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

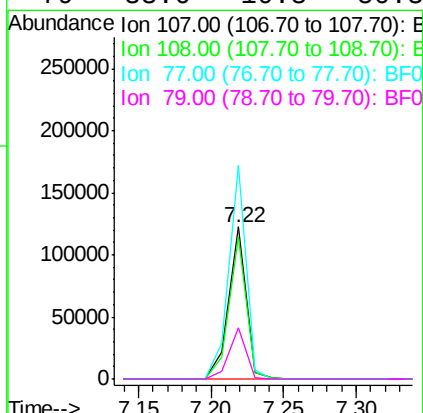
Instrument :
BNA_F
ClientSampled :

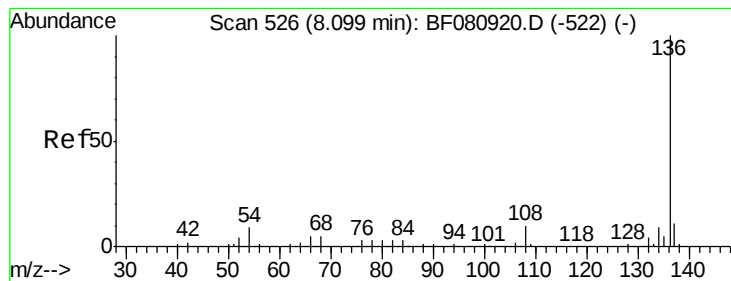
Tot Ion: 70 Resp: 74155
Ion Ratio Lower Upper
70 100
42 73.8 55.7 83.5
101 7.7 7.0 10.6
130 14.6 13.8 20.8



#20
3+4-Methylphenols
Concen: 27.09 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion: 107 Resp: 103620
Ion Ratio Lower Upper
107 100
108 93.5 69.2 109.2
77 140.4 113.0 153.0
79 33.6 10.3 50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 199821

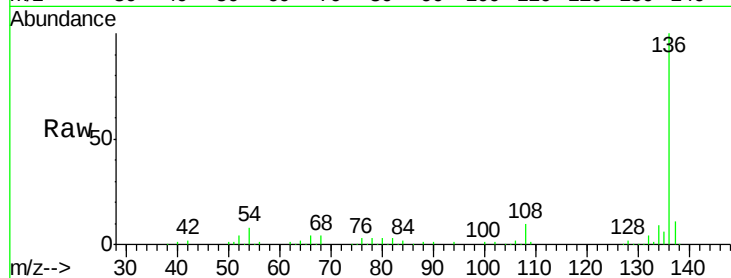
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.9 7.1 10.7

68 4.2 3.8 5.8

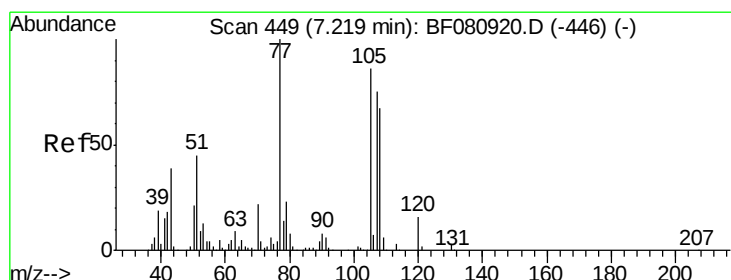
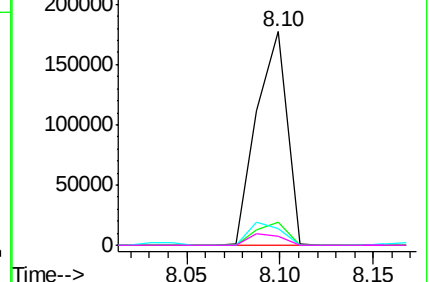
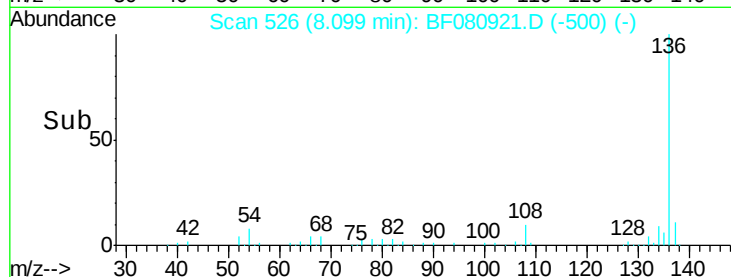


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 26.73 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Tgt Ion:105 Resp: 130852

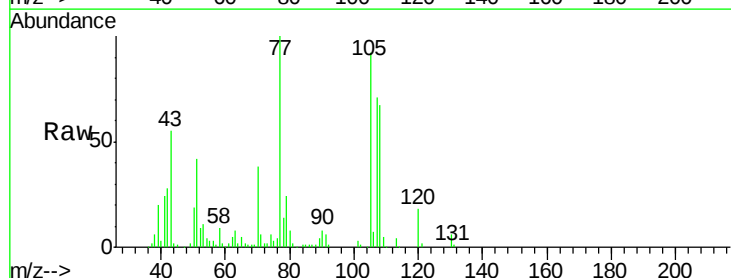
Ion Ratio Lower Upper

105 100

71 6.7 3.3 4.9#

51 45.6 41.8 62.6

120 19.8 15.1 22.7

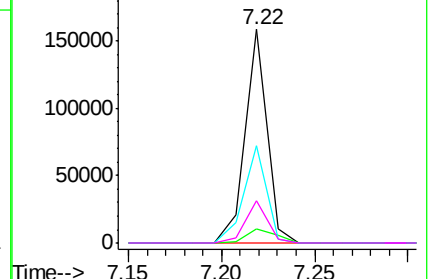
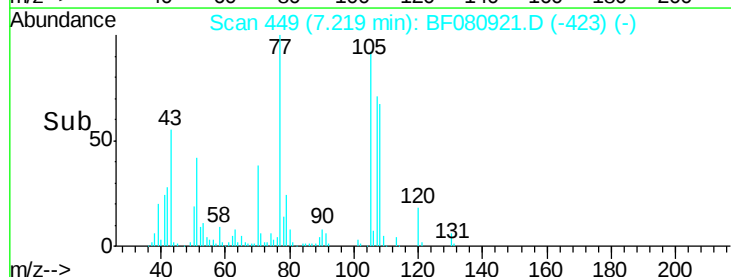


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

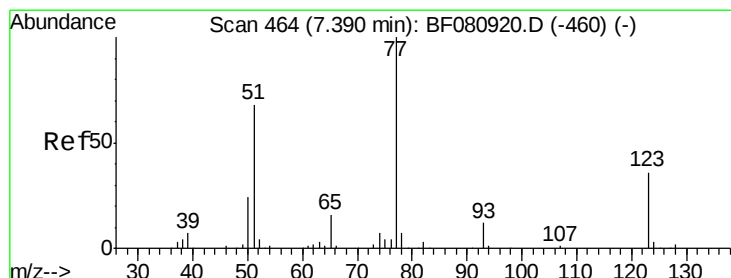
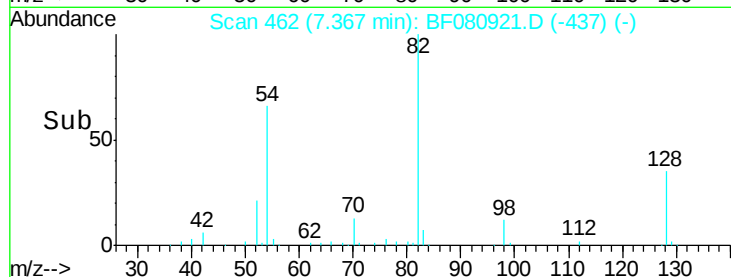
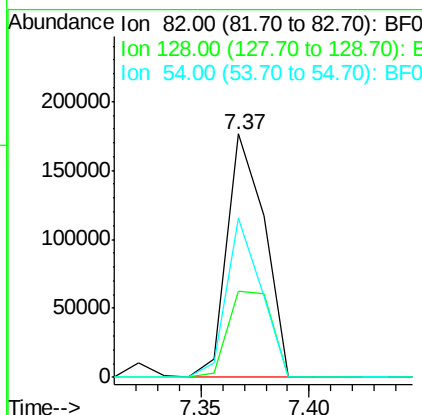
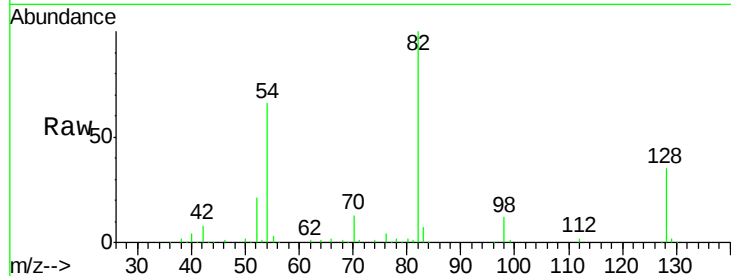




#23
 Nitrobenzene-d5
 Concen: 49.79 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

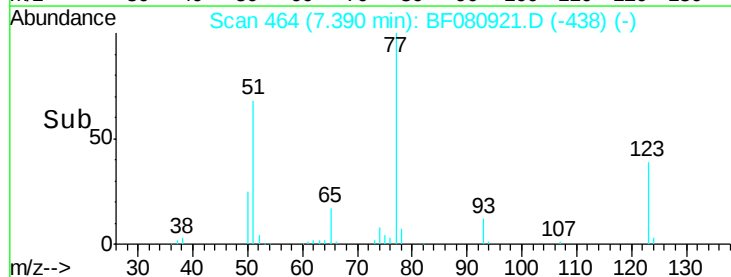
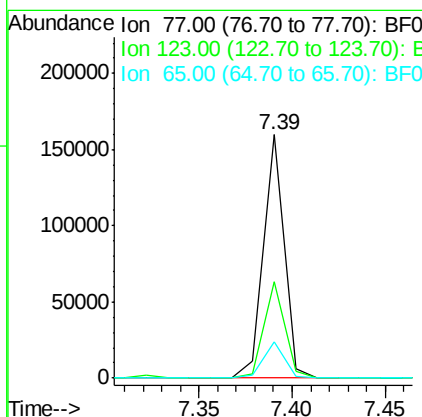
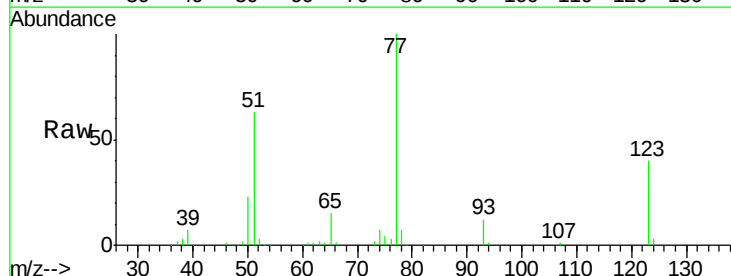
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 210345
 Ion Ratio Lower Upper
 82 100
 128 35.3 34.1 51.1
 54 65.6 46.5 69.7



#24
 Nitrobenzene
 Concen: 28.03 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion: 77 Resp: 121932
 Ion Ratio Lower Upper
 77 100
 123 39.6 28.7 43.1
 65 14.8 12.5 18.7





#25

Isophorone

Concen: 24.87 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

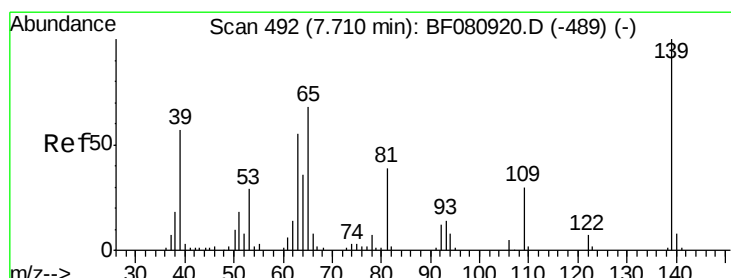
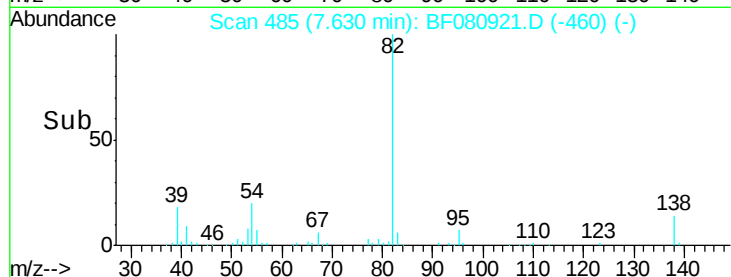
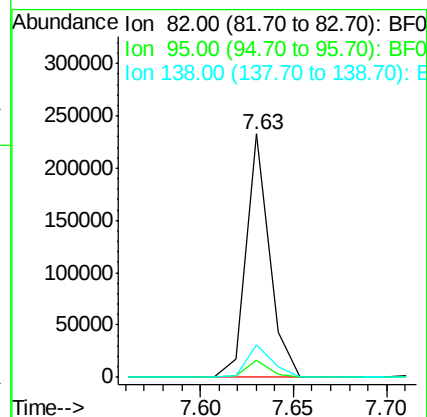
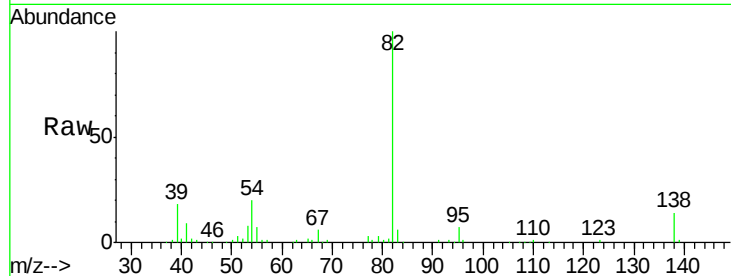
Tot Ion: 82 Resp: 202072

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 13.5 14.1 21.1#



#26

2-Nitrophenol

Concen: 27.83 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

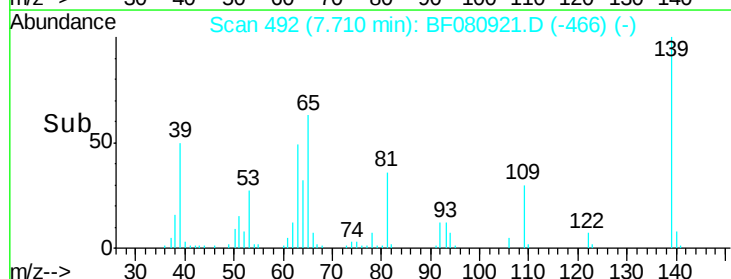
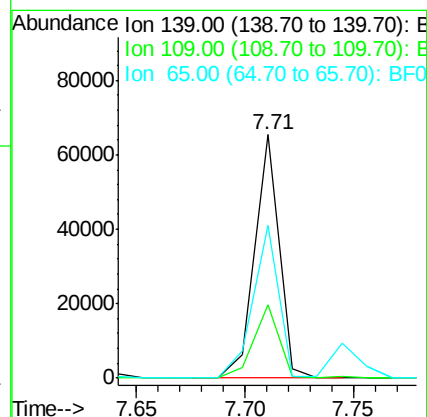
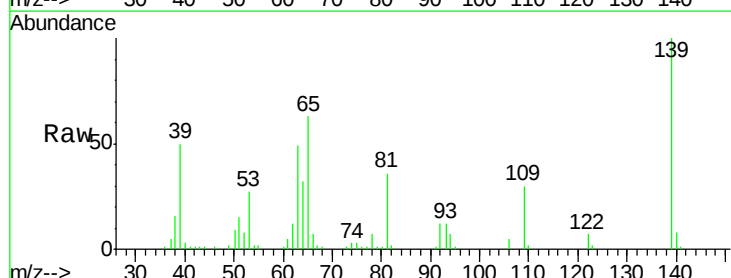
Tgt Ion: 139 Resp: 50935

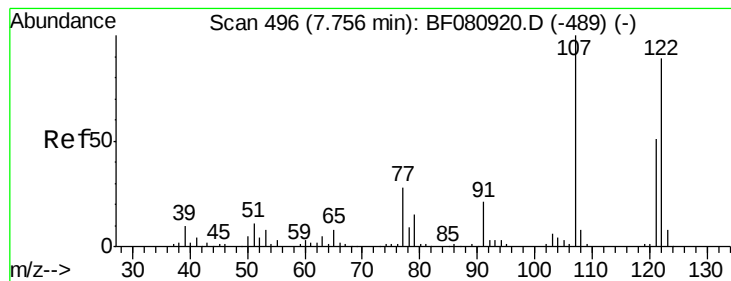
Ion Ratio Lower Upper

139 100

109 30.4 24.1 36.1

65 62.7 54.0 81.0





#27

2,4-Dimethylphenol

Concen: 24.31 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

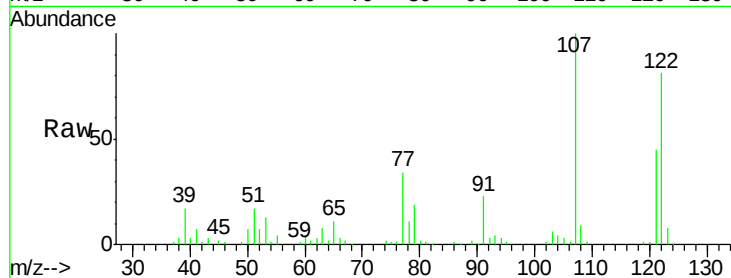
Tot Ion:122 Resp: 83306

Ion Ratio Lower Upper

122 100

107 123.5 90.2 135.4

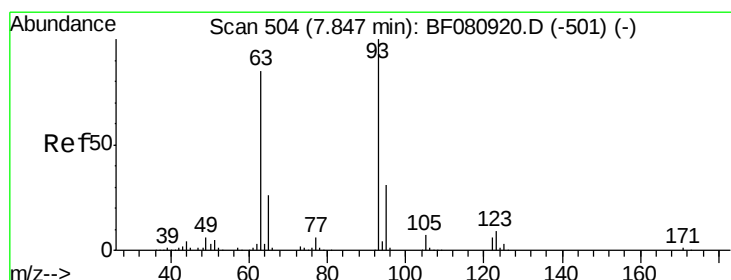
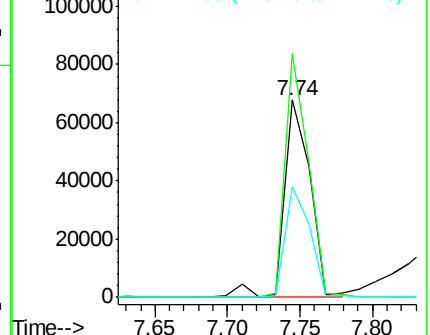
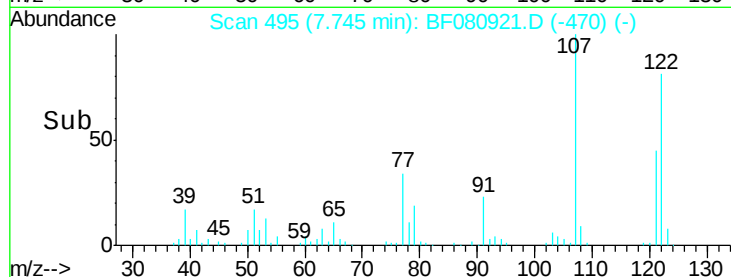
121 56.0 46.0 69.0



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: 26.90 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

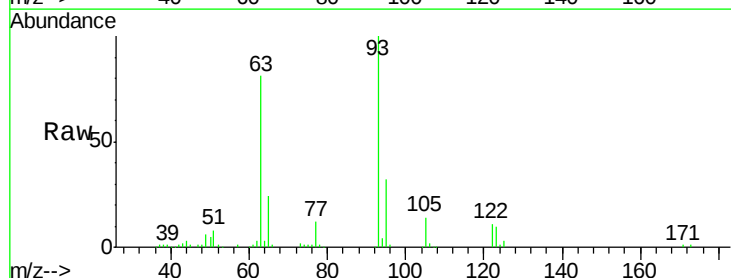
Tgt Ion: 93 Resp: 131182

Ion Ratio Lower Upper

93 100

95 32.4 25.0 37.4

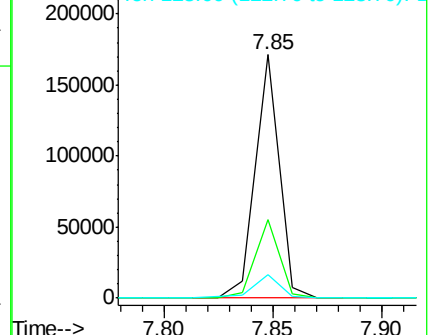
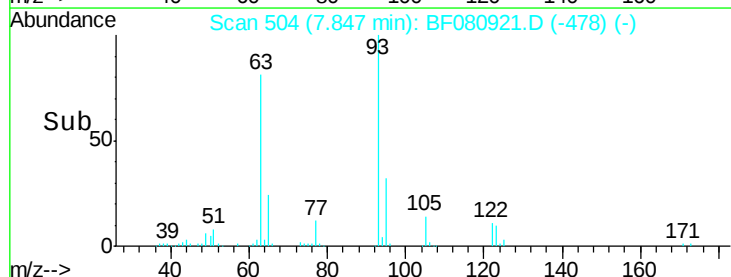
123 9.9 7.4 11.0



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

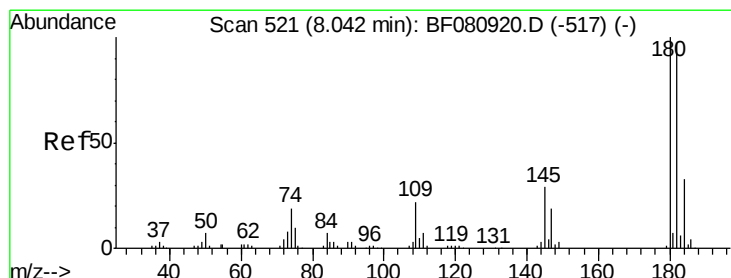
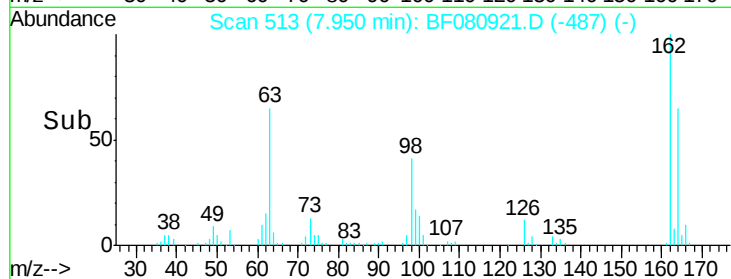
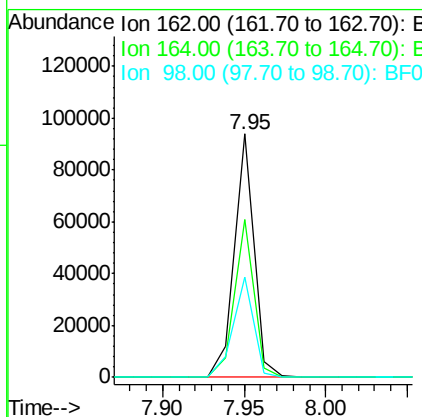
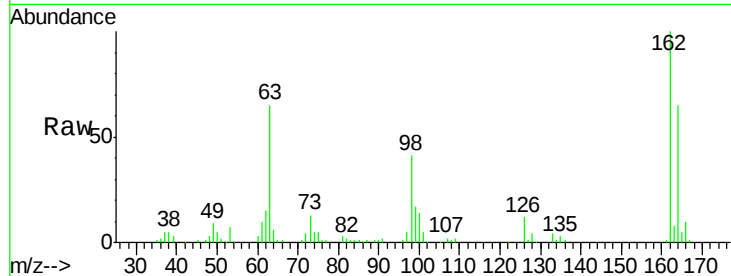




#29
 2,4-Dichlorophenol
 Concen: 27.52 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

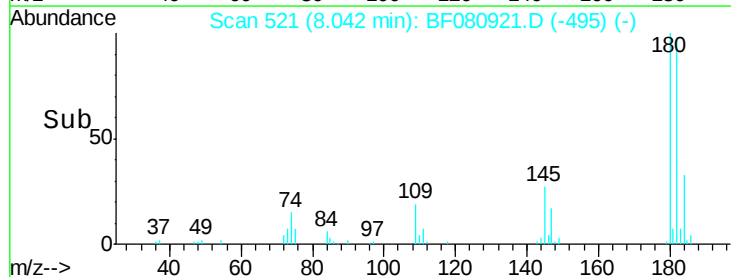
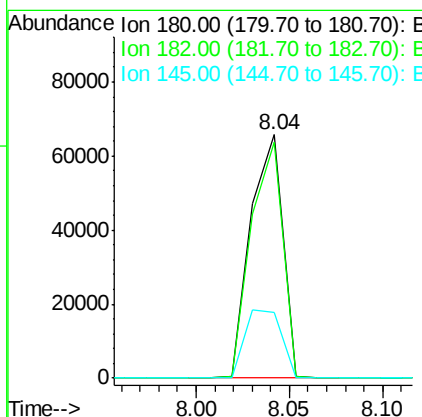
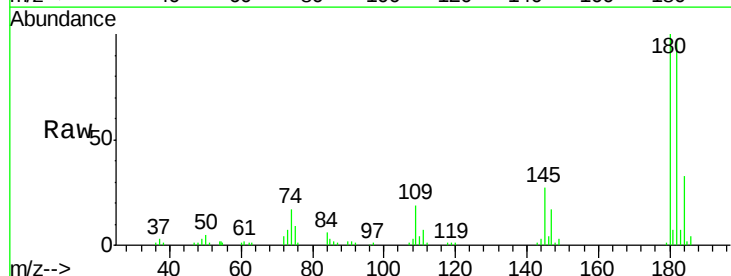
Instrument :
 BNA_F
 ClientSampleId :

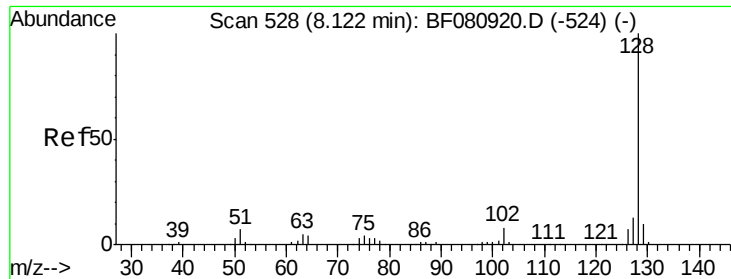
Tot Ion:162 Resp: 77492
 Ion Ratio Lower Upper
 162 100
 164 64.9 42.3 82.3
 98 41.0 27.7 67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 25.32 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:180 Resp: 77915
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.4 116.0
 145 27.2 23.2 34.8

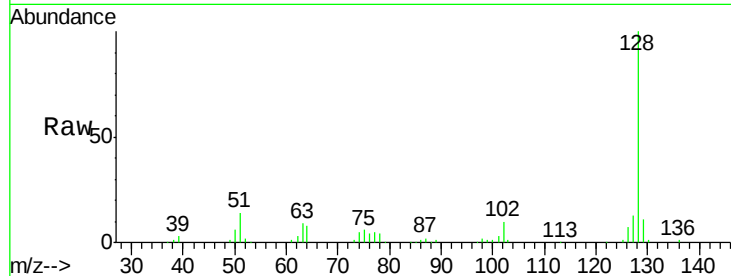




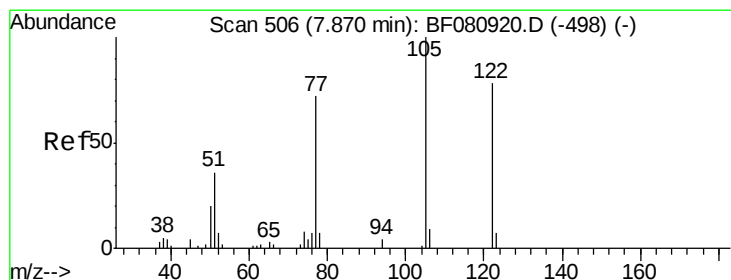
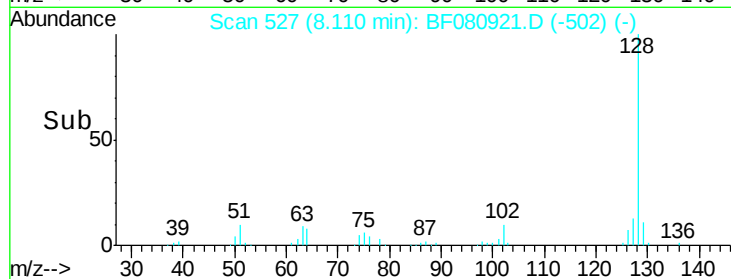
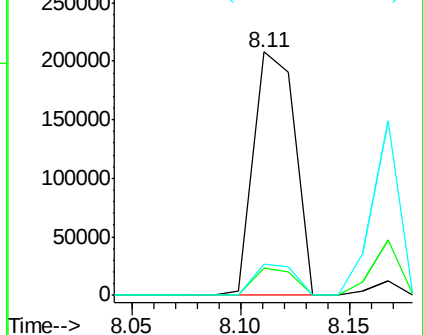
#31
Naphthalene
Concen: 25.07 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 276126
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.5 10.5 15.7

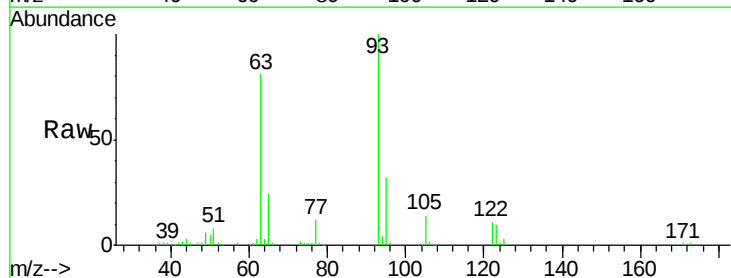


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

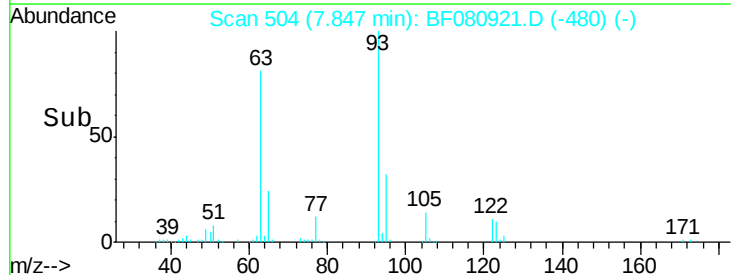
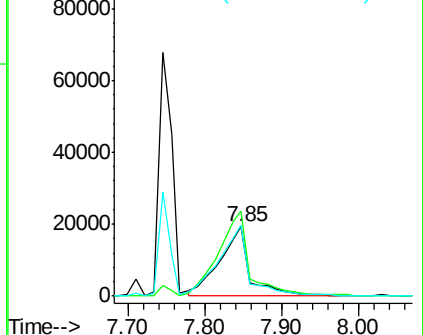


#32
Benzoic acid
Concen: 25.65 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:122 Resp: 52861
Ion Ratio Lower Upper
122 100
105 124.0 103.6 143.6
77 103.2 70.4 110.4



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

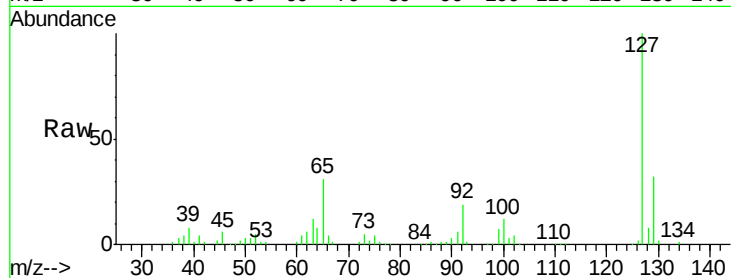




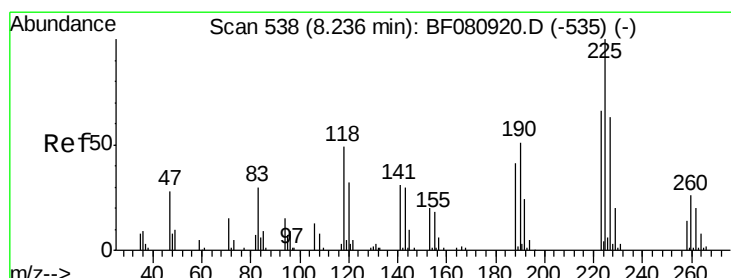
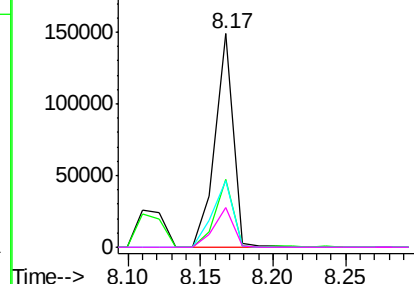
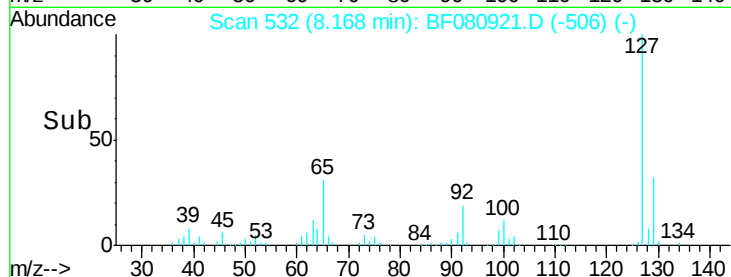
#33
4-Chloroaniline
Concen: 28.96 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 129648
Ion Ratio Lower Upper
127 100
129 31.7 25.9 38.9
65 31.0 30.6 45.8
92 18.7 16.9 25.3

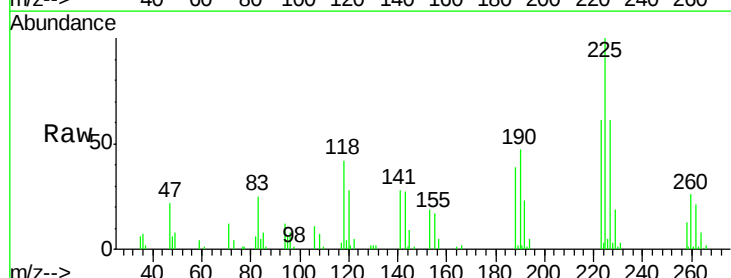


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

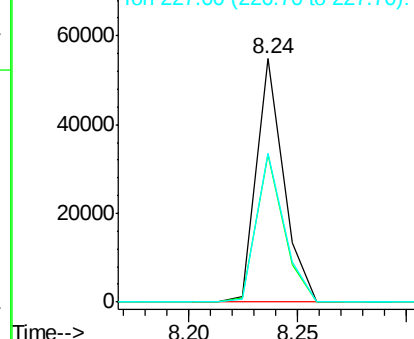
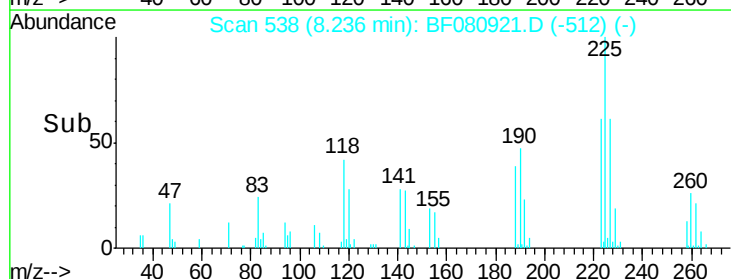


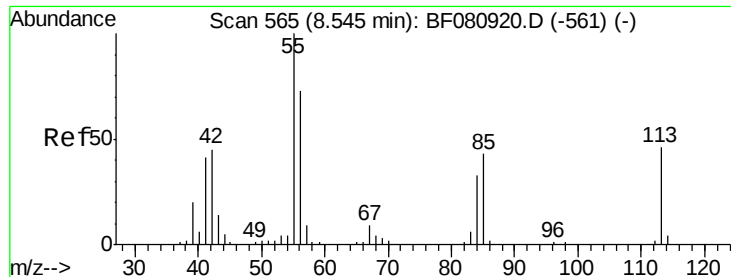
#34
Hexachlorobutadiene
Concen: 26.06 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:225 Resp: 47721
Ion Ratio Lower Upper
225 100
223 60.8 52.5 78.7
227 60.9 50.3 75.5



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: 26.57 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

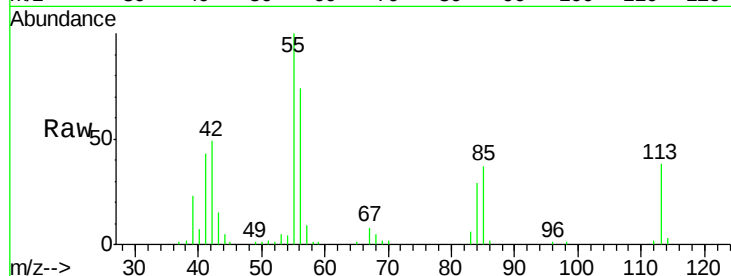
Tot Ion:113 Resp: 26131

Ion Ratio Lower Upper

113 100

55 266.2 196.4 236.4#

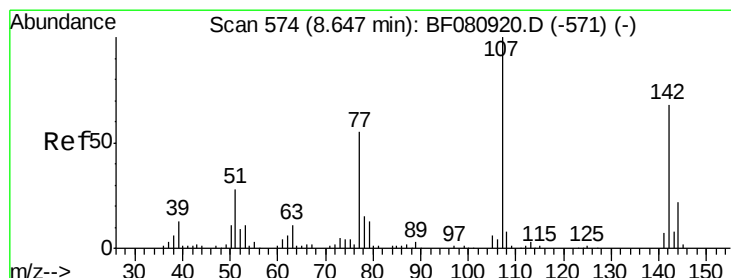
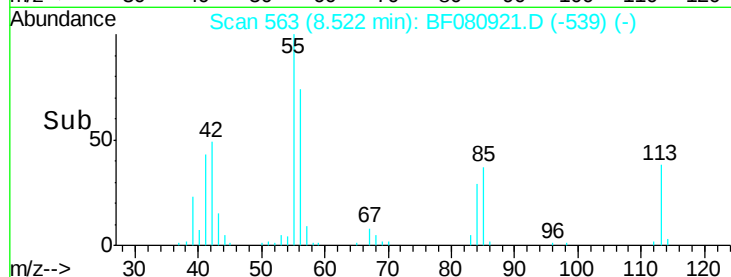
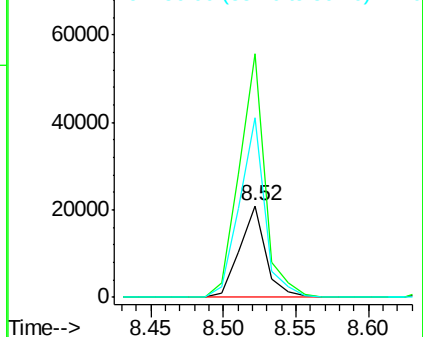
56 196.4 137.9 177.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 27.10 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

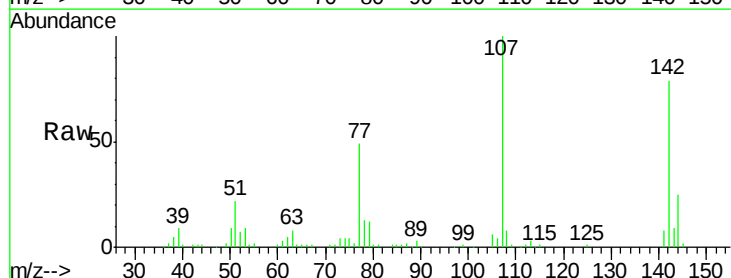
Tgt Ion:107 Resp: 93106

Ion Ratio Lower Upper

107 100

144 24.8 17.3 25.9

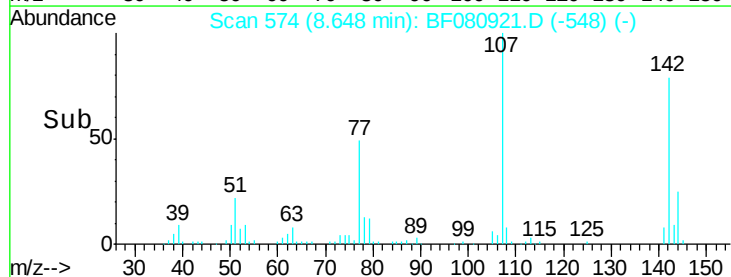
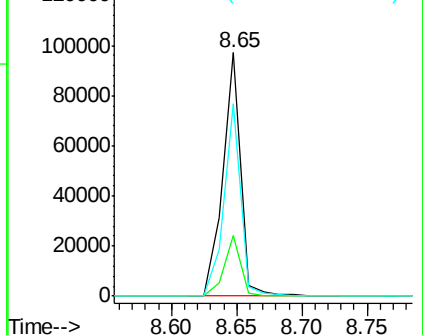
142 78.9 54.4 81.6

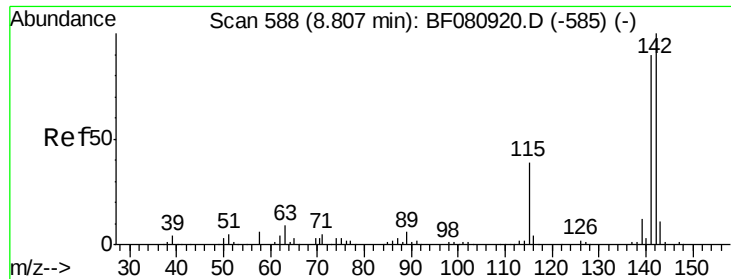


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

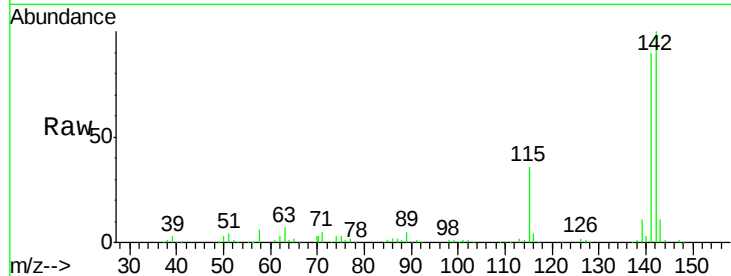




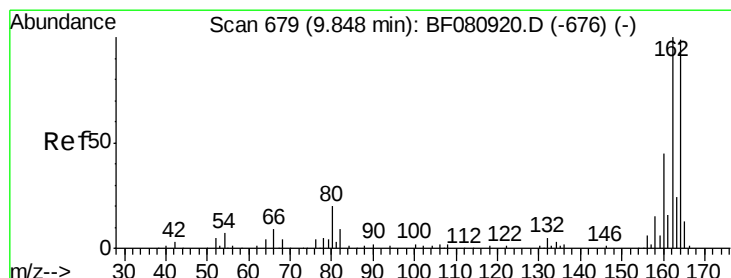
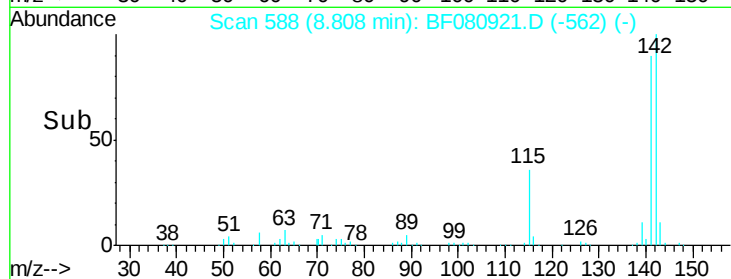
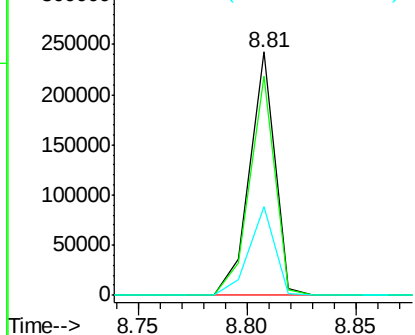
#37
 2-Methylnaphthalene
 Concen: 27.90 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 195633
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.7 107.5
 115 36.3 30.9 46.3

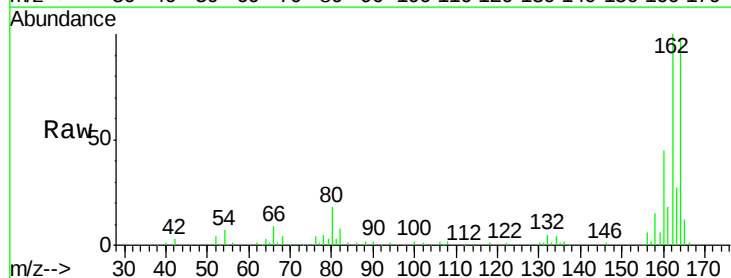


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

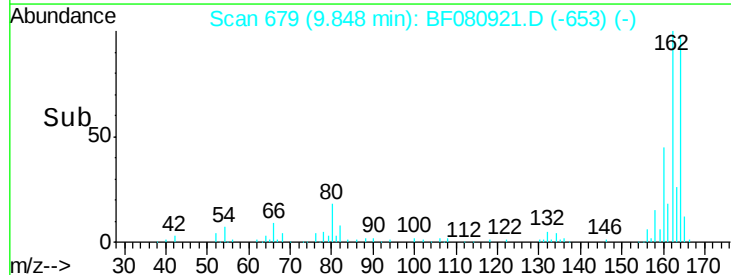
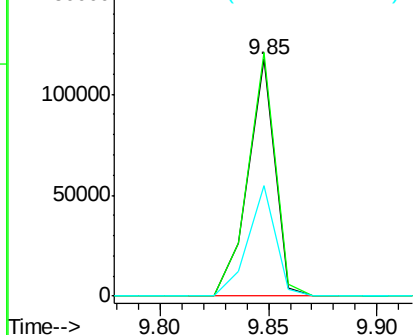


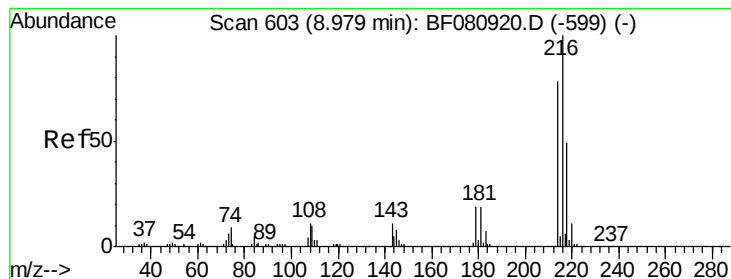
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:164 Resp: 101193
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.5 120.7
 160 46.8 36.6 54.8



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: 22.74 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 70932

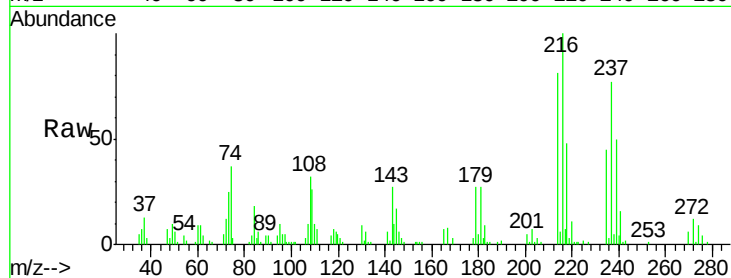
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.2 17.2 25.8

108 22.8 16.1 24.1

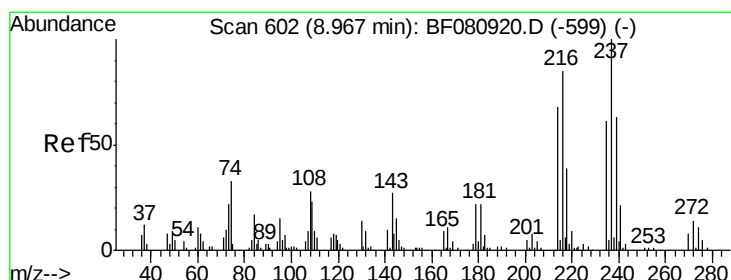
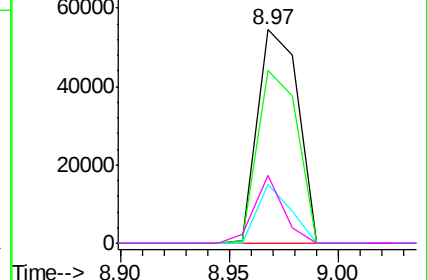
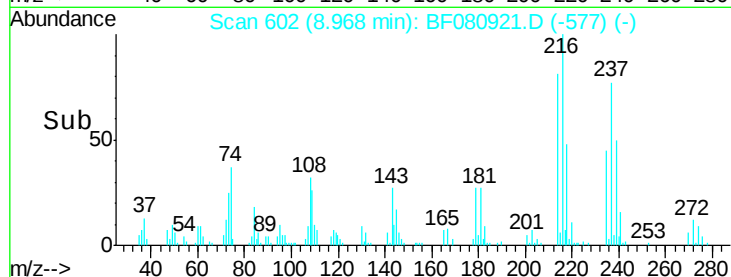


Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.23 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

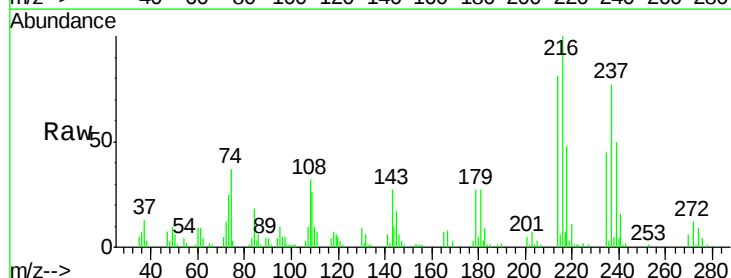
Tgt Ion:237 Resp: 42953

Ion Ratio Lower Upper

237 100

235 58.0 41.3 81.3

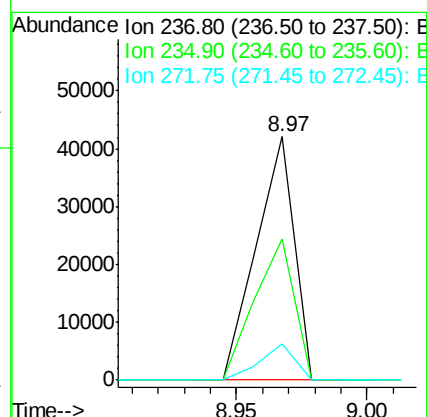
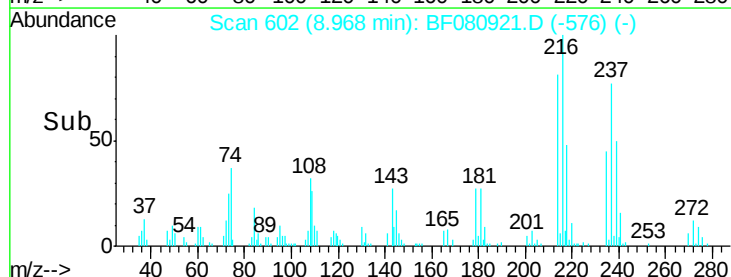
272 14.9 0.0 33.6

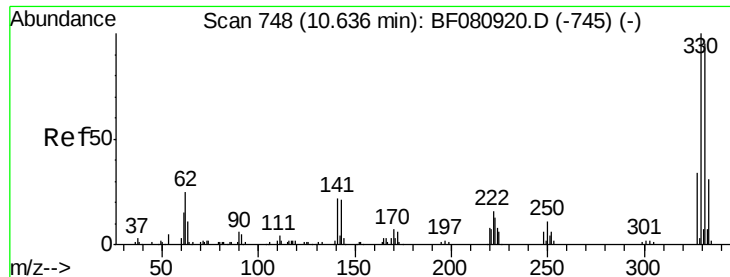


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

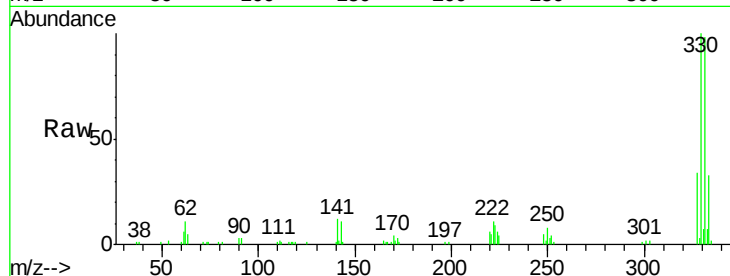




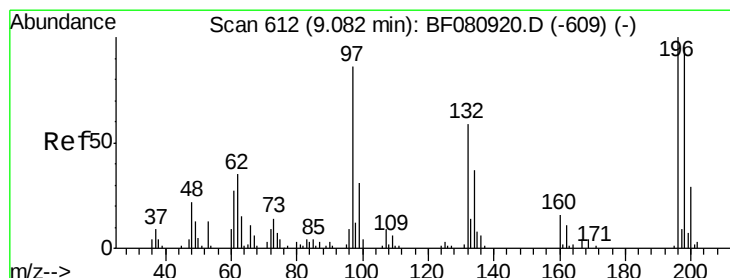
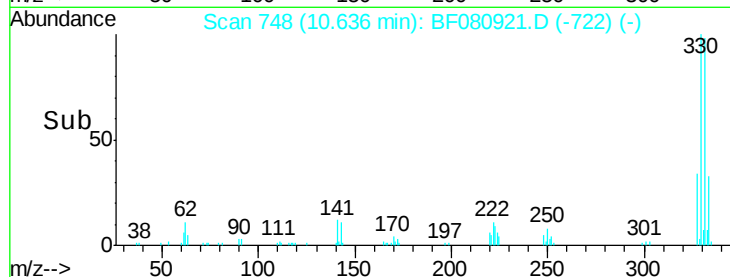
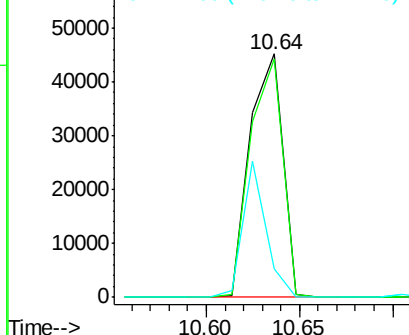
#41
 2,4,6-Tribromophenol
 Concen: 49.62 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 55158
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 39.6 27.8 41.8

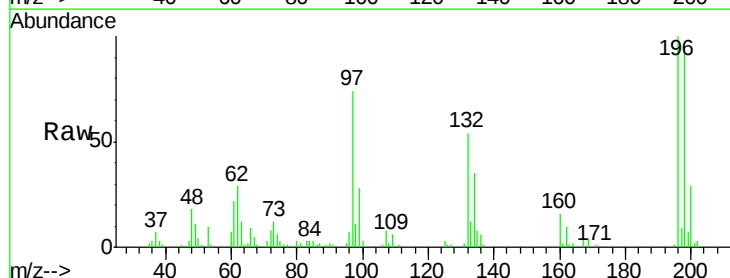


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

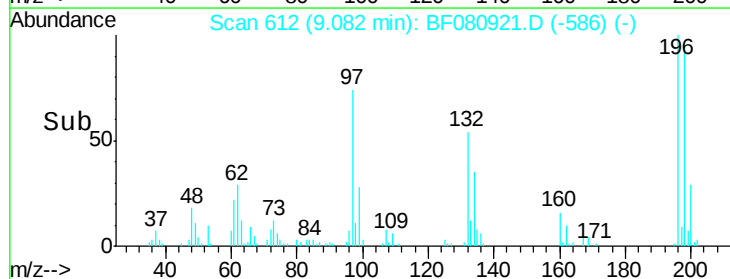
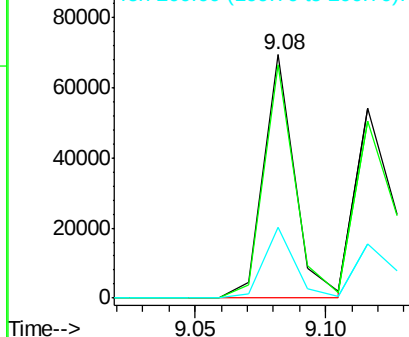


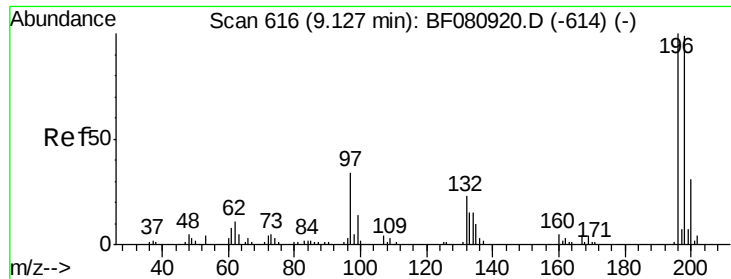
#42
 2,4,6-Trichlorophenol
 Concen: 24.91 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:196 Resp: 57928
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.9 113.9
 200 29.2 23.1 34.7



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

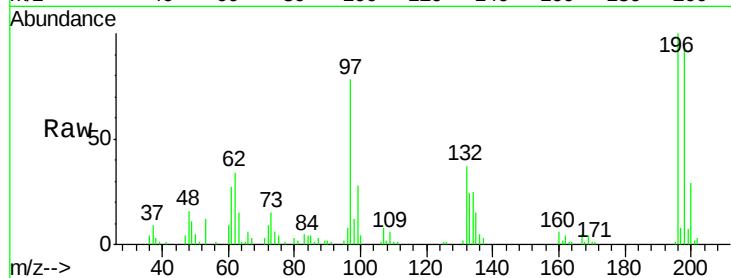




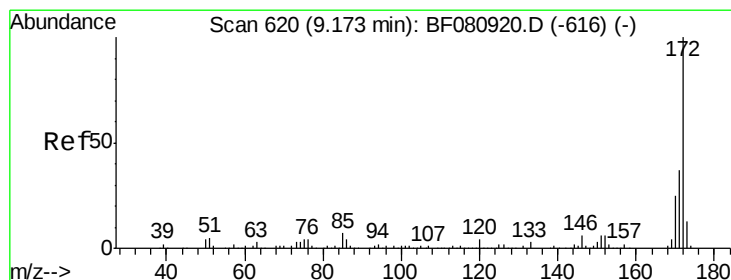
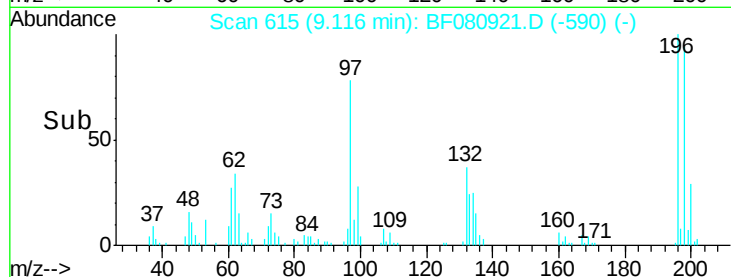
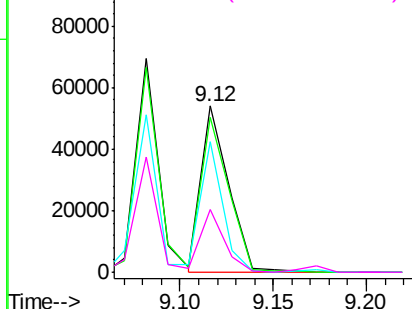
#43
 2,4,5-Trichlorophenol
 Concen: 24.68 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 55004
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.9 118.3
 97 78.4 29.1 43.7#
 132 37.5 19.1 28.7#

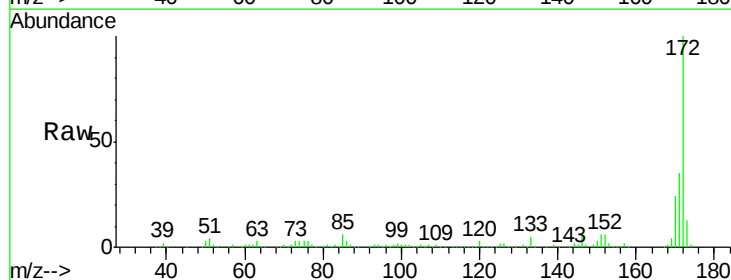


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

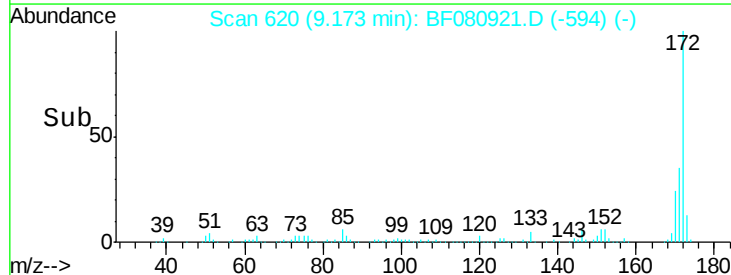
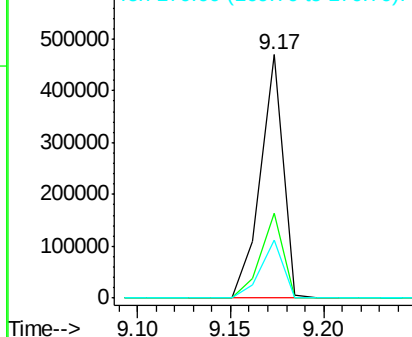


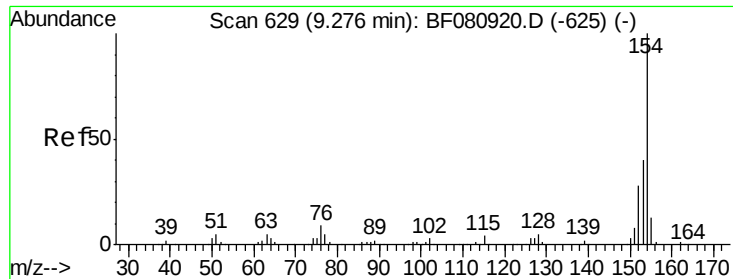
#44
 2-Fluorobiphenyl
 Concen: 55.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:172 Resp: 400635
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 23.9 19.7 29.5



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

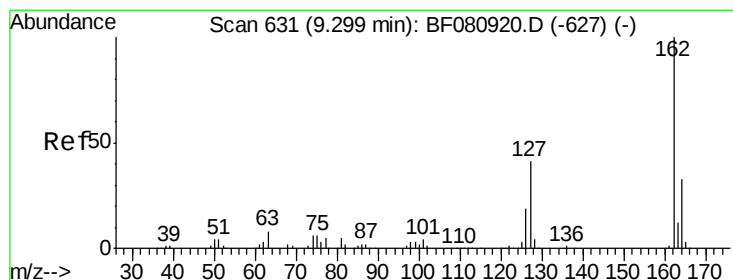
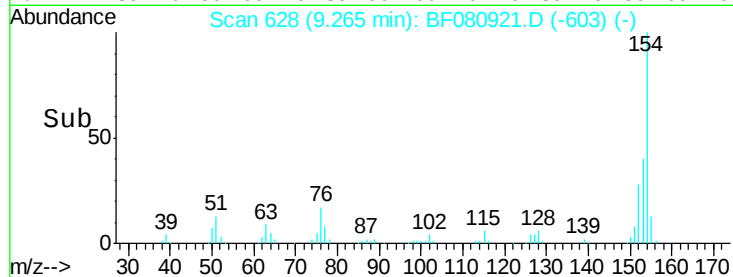
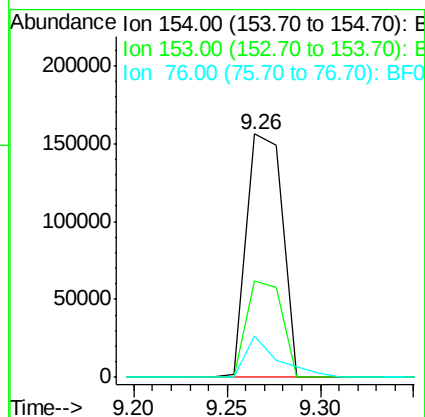
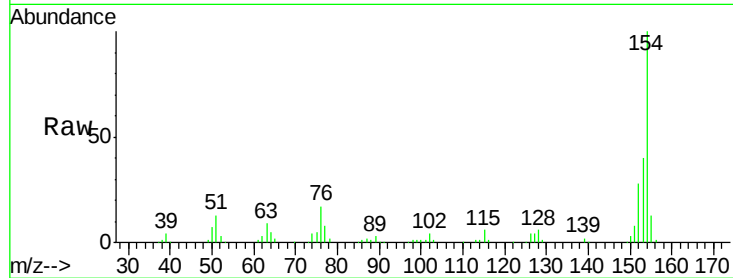




#45
 1,1'-Biphenyl
 Concen: 24.28 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

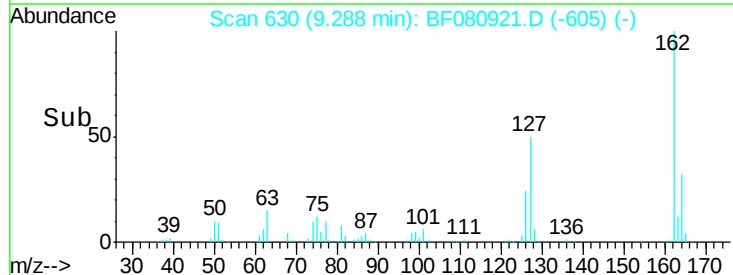
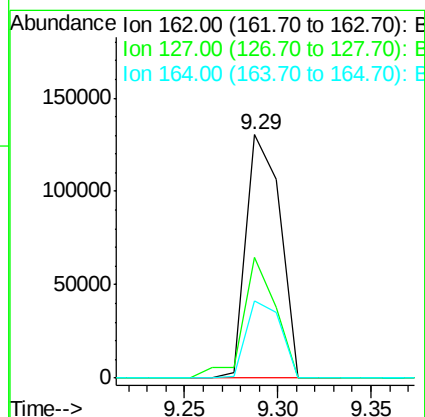
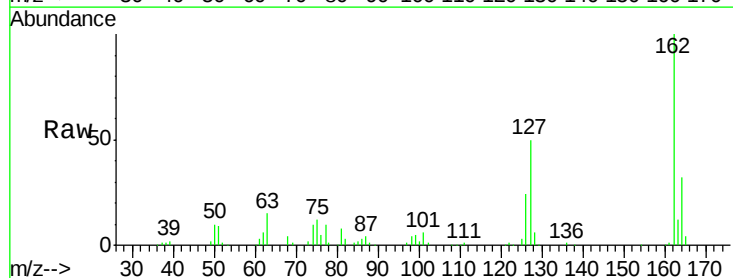
Instrument :
 BNA_F
 ClientSampled :

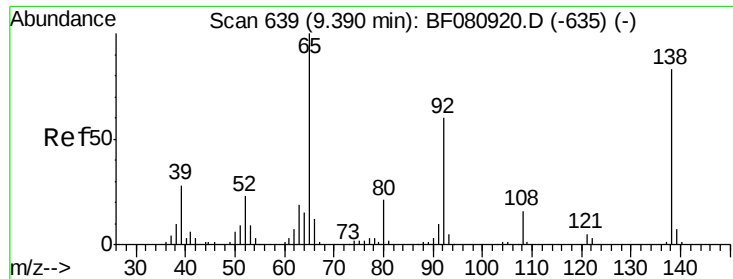
Tot Ion:154 Resp: 210831
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.1 60.1
 76 16.9 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 24.33 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:162 Resp: 164760
 Ion Ratio Lower Upper
 162 100
 127 49.5 32.5 48.7#
 164 31.6 26.2 39.4

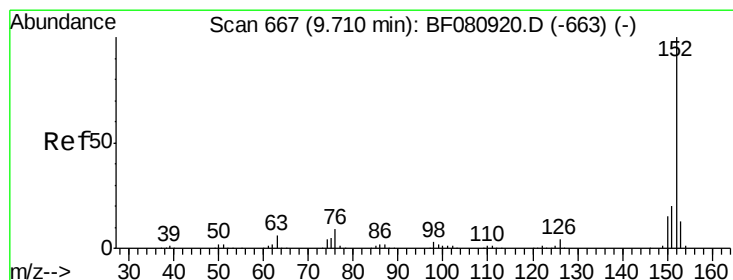
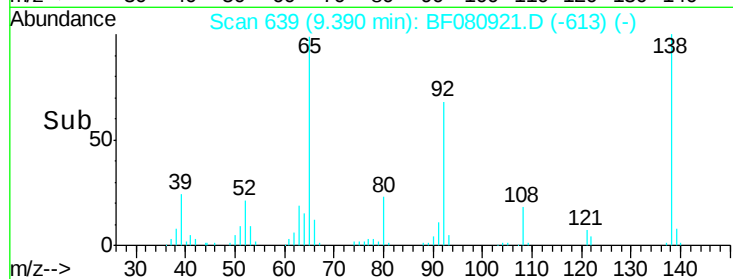
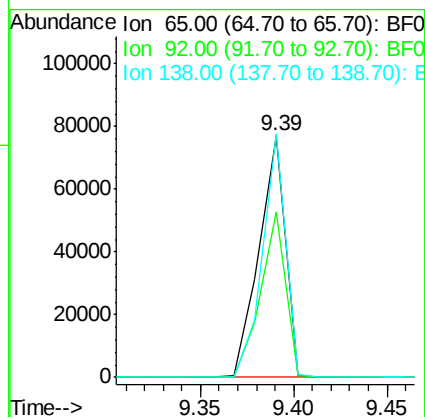
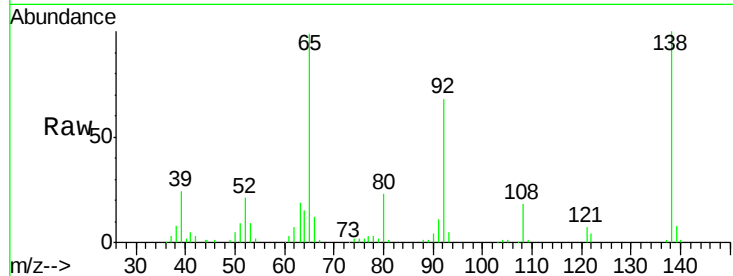




#47
2-Nitroaniline
Concen: 27.66 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

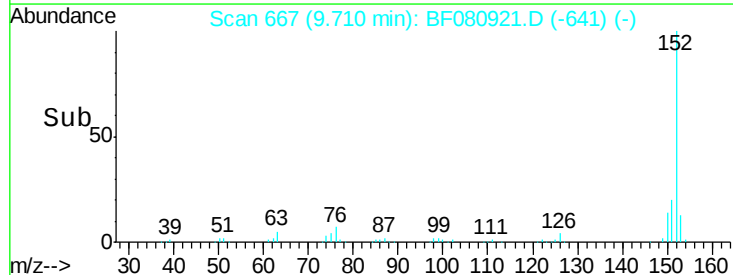
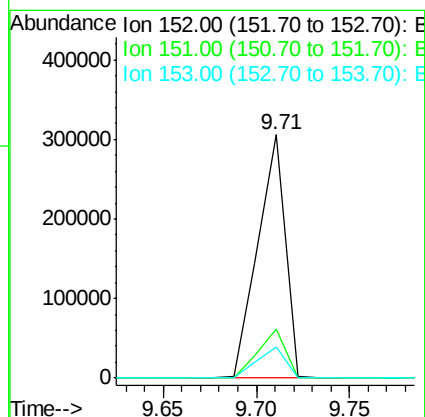
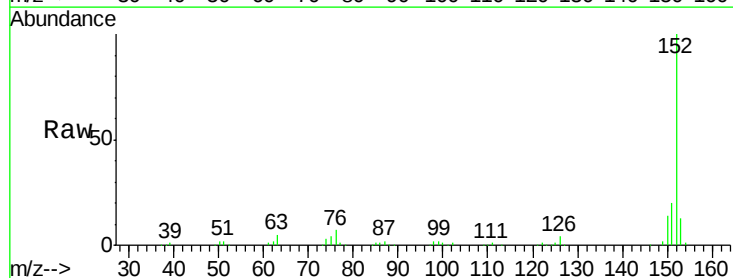
Instrument :
BNA_F
ClientSampleId :

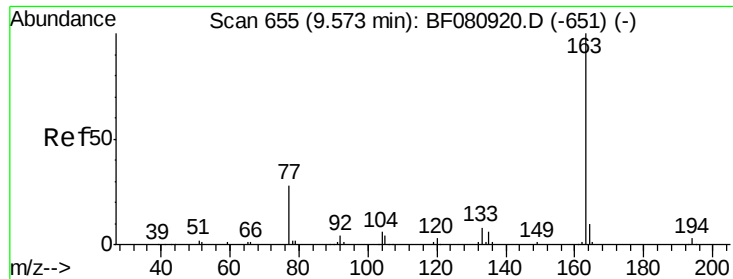
Tot Ion: 65 Resp: 75105
Ion Ratio Lower Upper
65 100
92 68.5 48.0 72.0
138 100.7 66.1 99.1#



#48
Acenaphthylene
Concen: 26.46 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion: 152 Resp: 311438
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 12.9 10.5 15.7

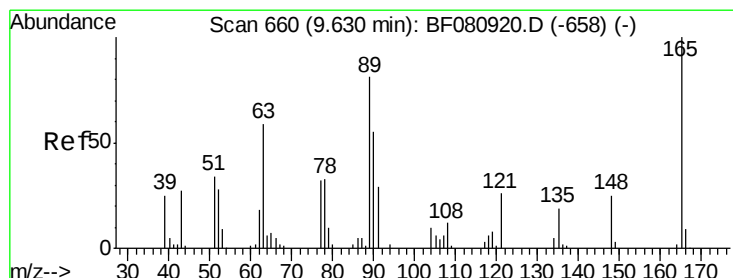
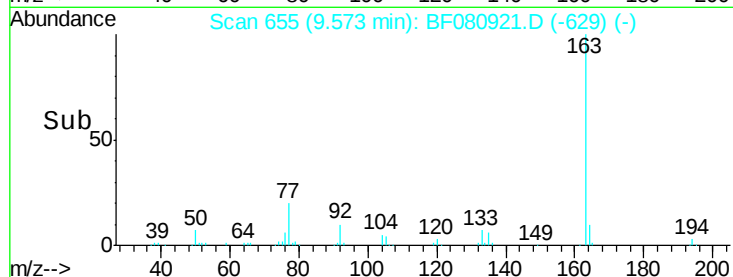
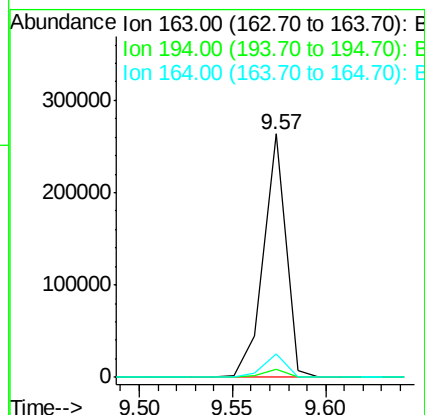
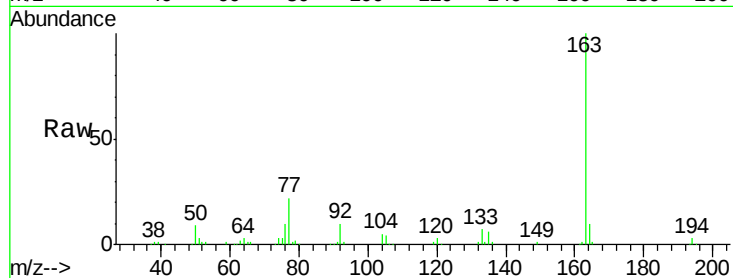




#49
Dimethylphthalate
Concen: 25.87 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

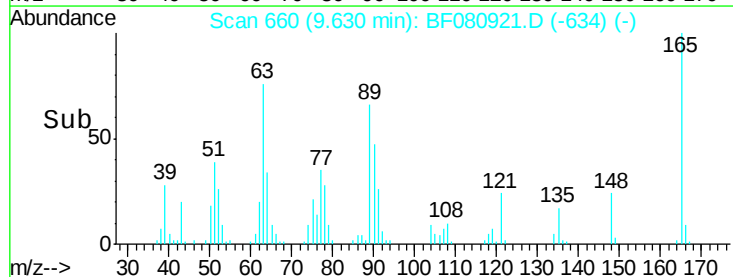
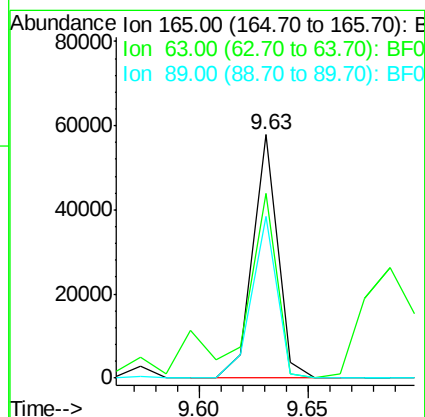
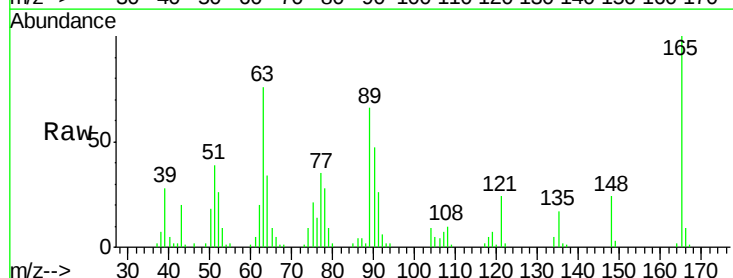
Instrument :
BNA_F
ClientSampleId :

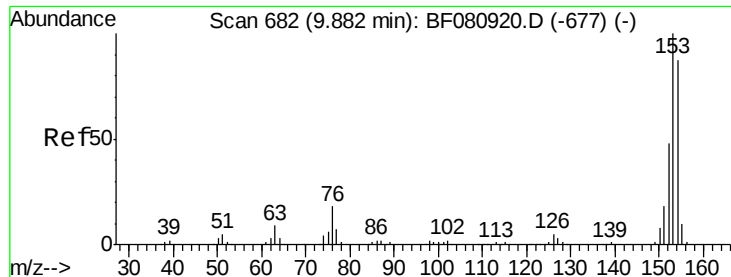
Tot Ion:163 Resp: 217454
Ion Ratio Lower Upper
163 100
194 3.3 2.4 3.6
164 9.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 26.56 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:165 Resp: 46125
Ion Ratio Lower Upper
165 100
63 76.1 77.6 116.4#
89 66.5 64.5 96.7





#51

Acenaphthene

Concen: 26.78 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

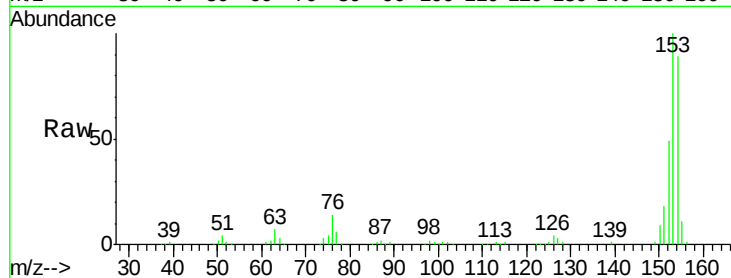
Tot Ion:154 Resp: 193046

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.2

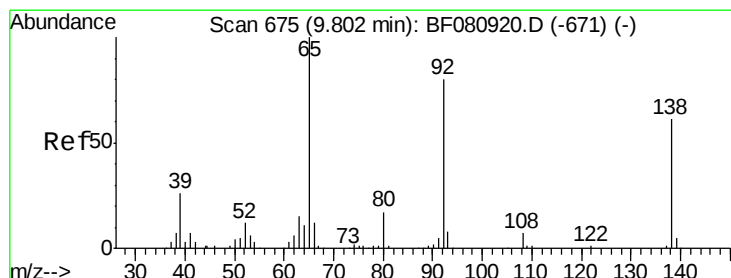
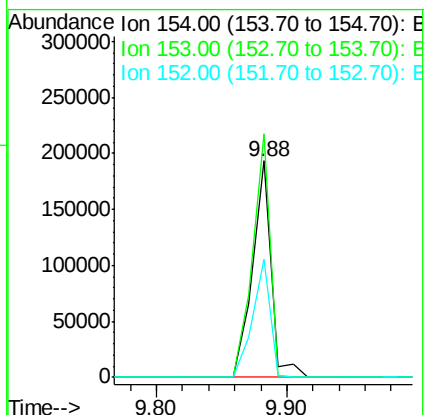
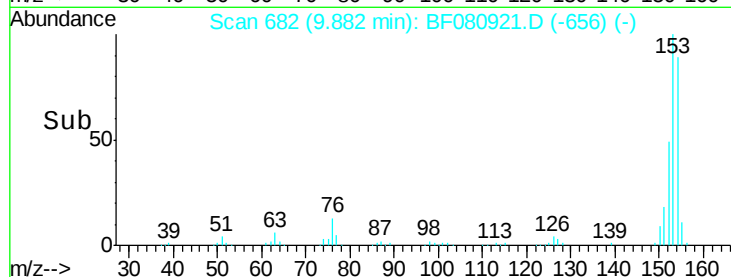
152 54.9 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.33 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

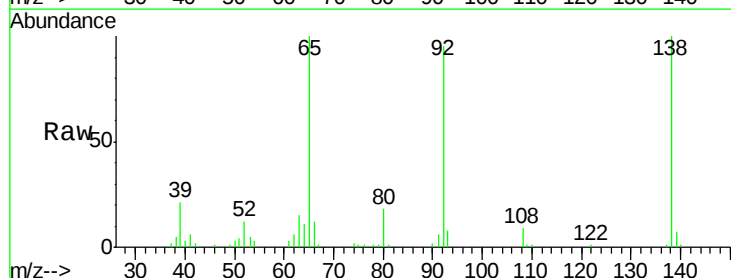
Tgt Ion:138 Resp: 54230

Ion Ratio Lower Upper

138 100

108 9.1 8.7 13.1

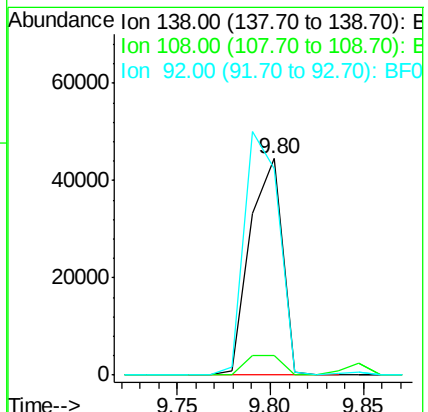
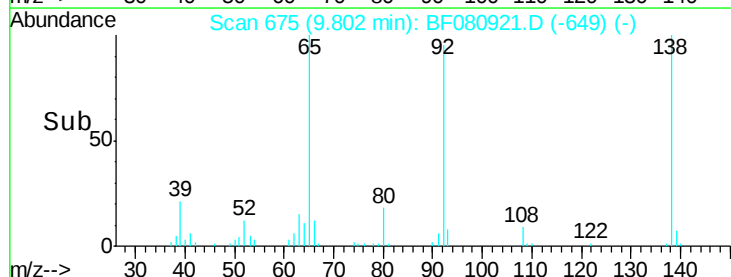
92 95.7 104.4 156.6#

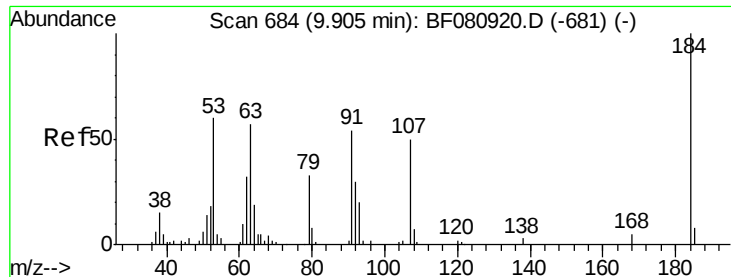


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

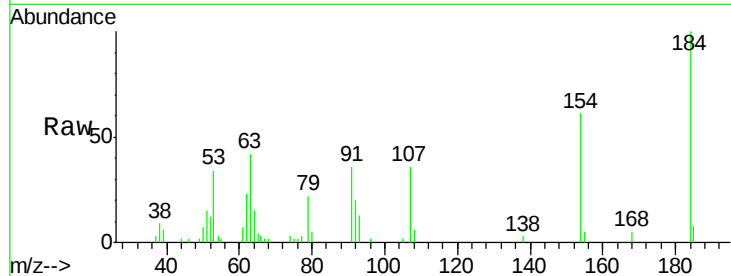




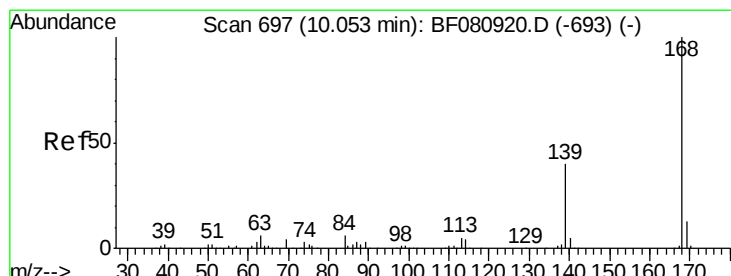
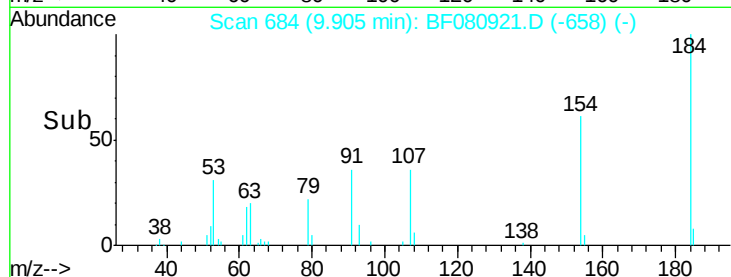
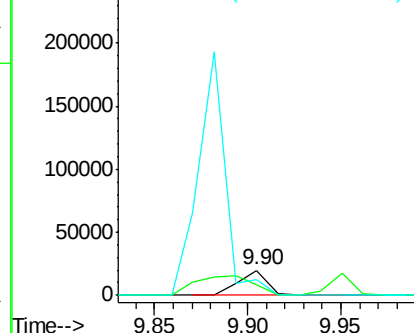
#53
 2,4-Dinitrophenol
 Concen: 22.92 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 21010
 Ion Ratio Lower Upper
 184 100
 63 42.0 59.7 89.5#
 154 61.0 53.8 80.8

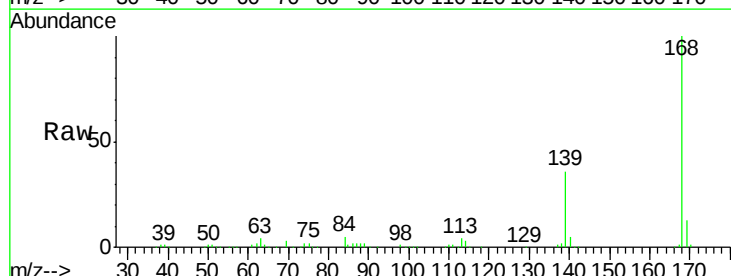


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

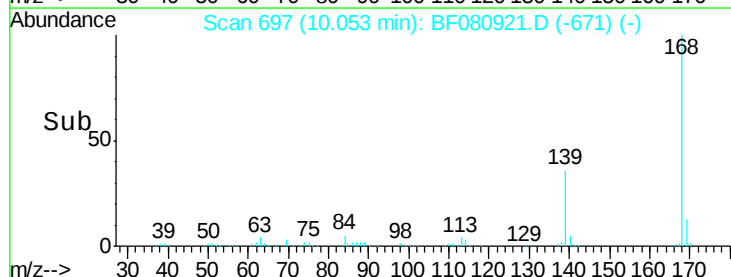
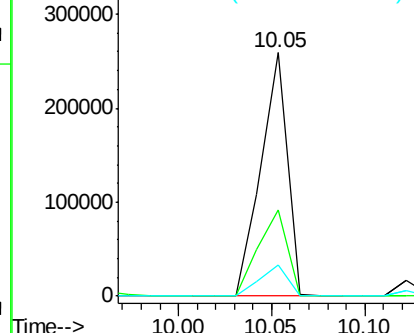


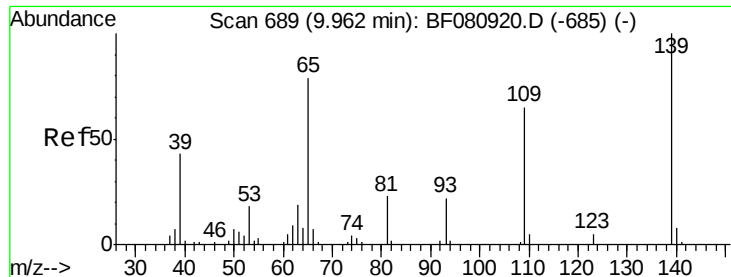
#54
 Dibenzofuran
 Concen: 26.07 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:168 Resp: 254182
 Ion Ratio Lower Upper
 168 100
 139 35.6 31.9 47.9
 169 13.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

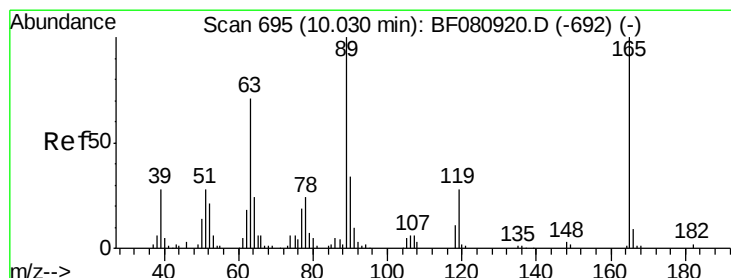
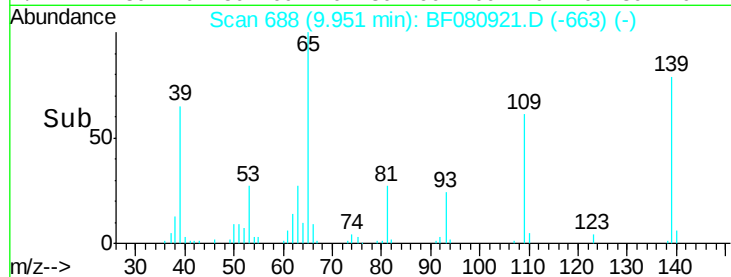
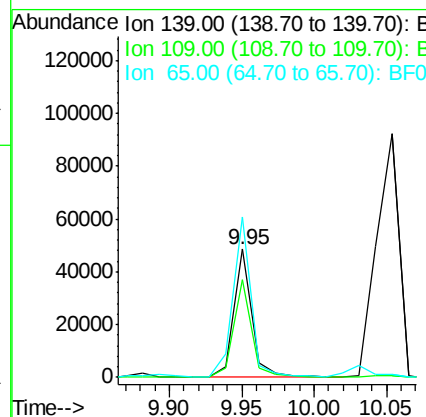
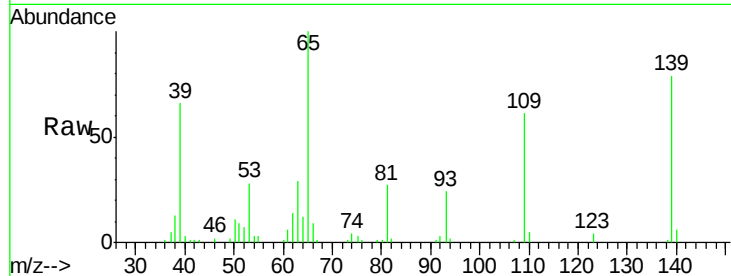




#55
 4-Nitrophenol
 Concen: 26.17 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

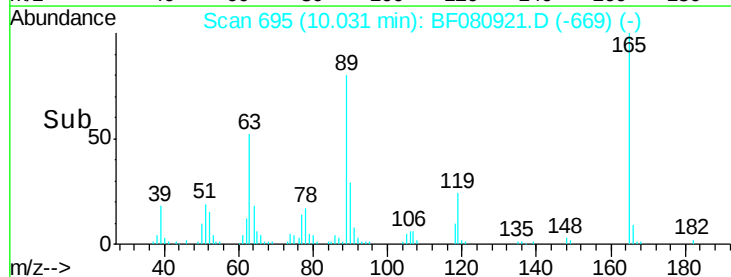
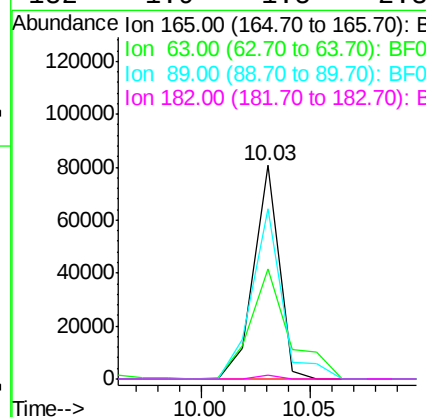
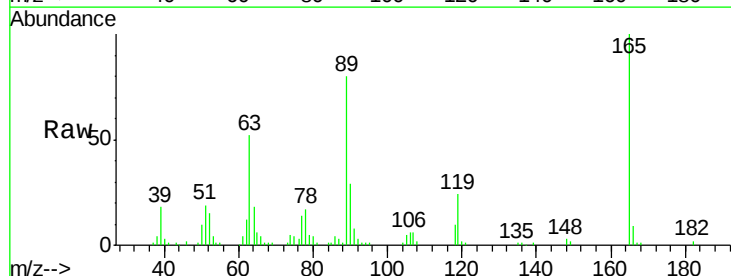
Instrument :
 BNA_F
 ClientSampleId :

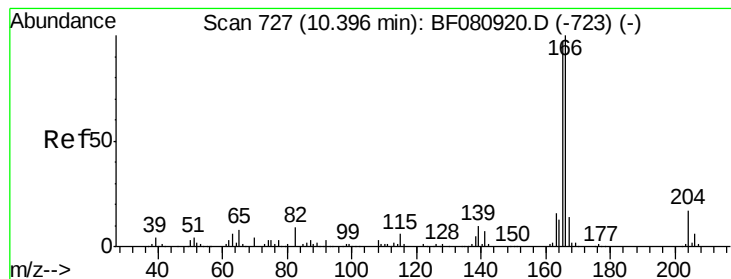
Tot Ion:139 Resp: 41940
 Ion Ratio Lower Upper
 139 100
 109 76.5 44.7 84.7
 65 125.8 59.5 99.5#



#56
 2,4-Dinitrotoluene
 Concen: 28.03 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:165 Resp: 65127
 Ion Ratio Lower Upper
 165 100
 63 51.8 56.7 85.1#
 89 79.9 80.4 120.6#
 182 1.9 1.5 2.3





#57

Fluorene

Concen: 24.86 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

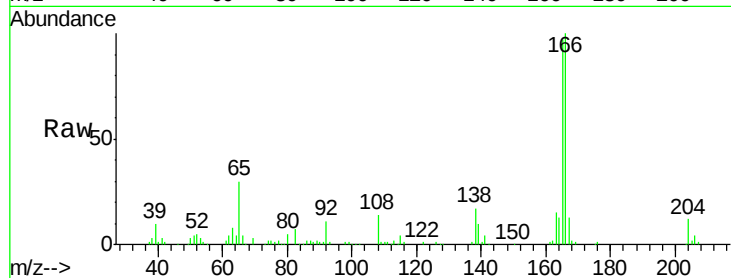
Tot Ion:166 Resp: 187480

Ion Ratio Lower Upper

166 100

165 97.5 77.2 115.8

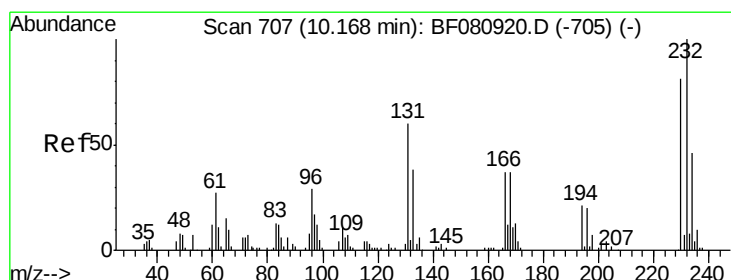
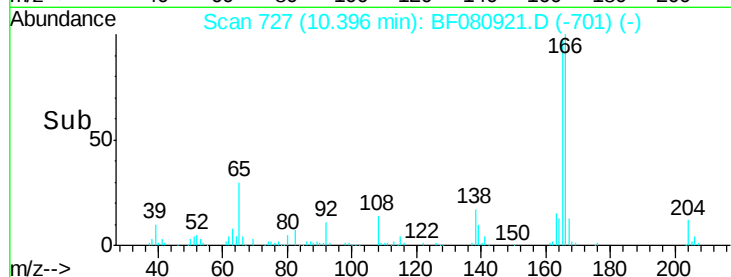
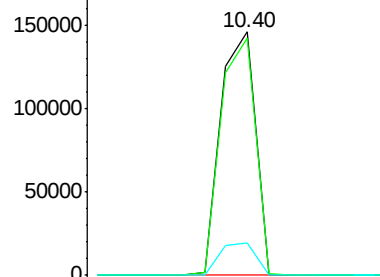
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.83 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Tgt Ion:232 Resp: 49120

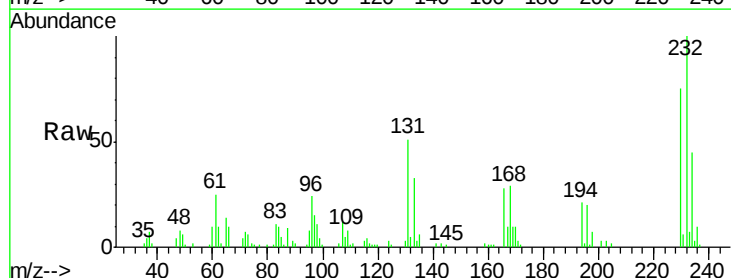
Ion Ratio Lower Upper

232 100

131 48.6 39.4 59.2

130 2.6 2.1 3.1

166 26.7 21.7 32.5

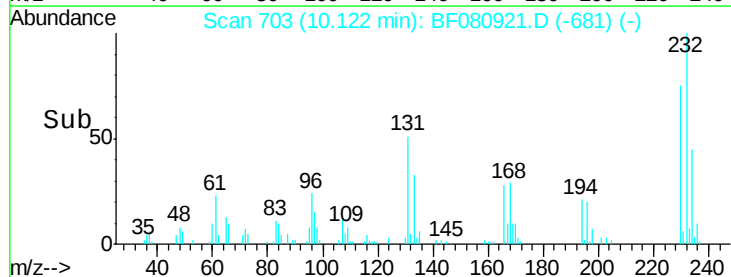
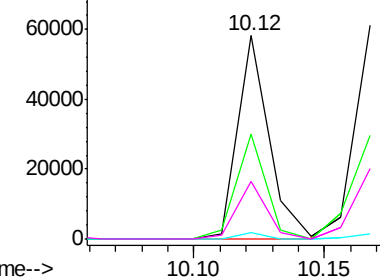


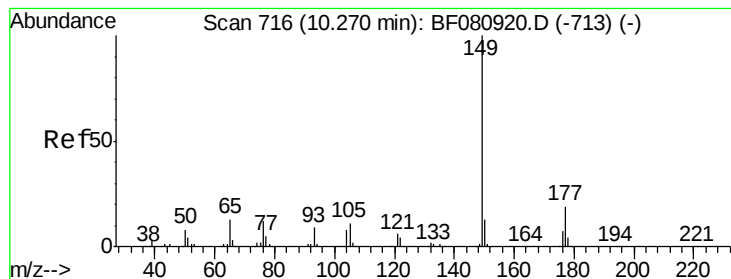
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 25.97 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

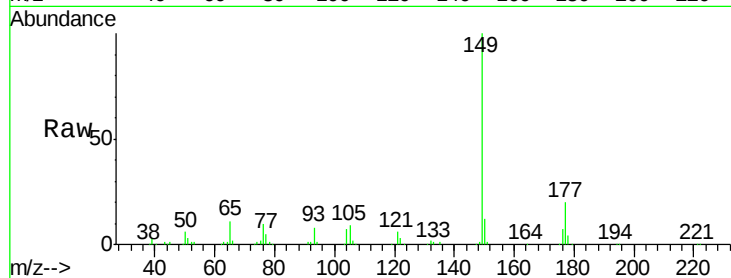
Tot Ion:149 Resp: 227203

Ion Ratio Lower Upper

149 100

177 19.7 15.0 22.4

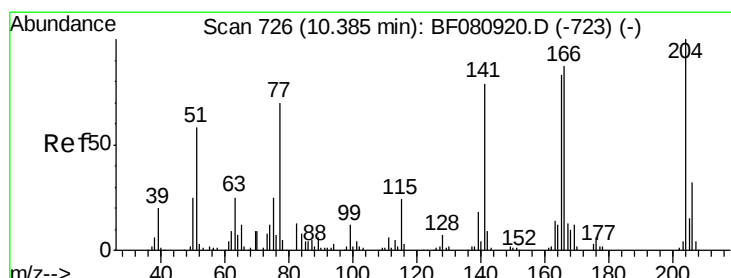
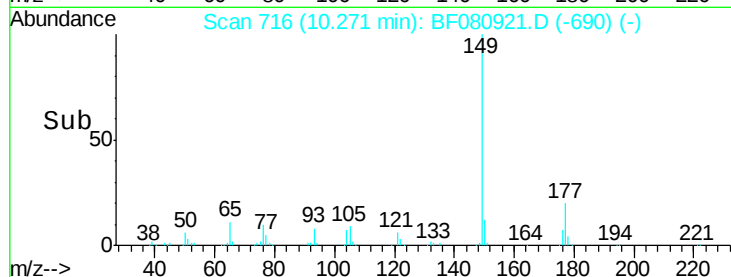
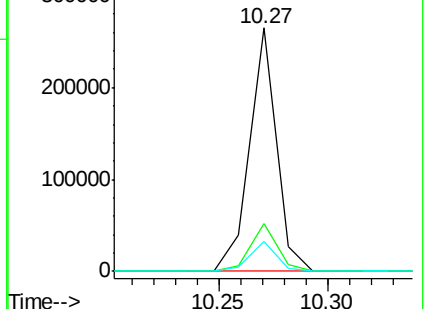
150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 24.55 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

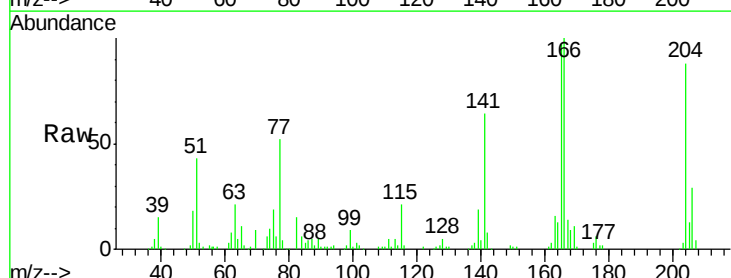
Tgt Ion:204 Resp: 90214

Ion Ratio Lower Upper

204 100

206 32.8 25.5 38.3

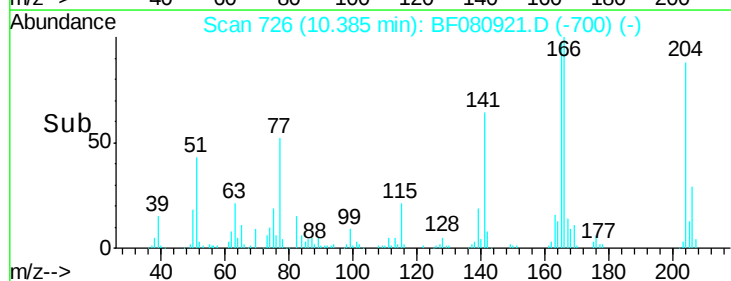
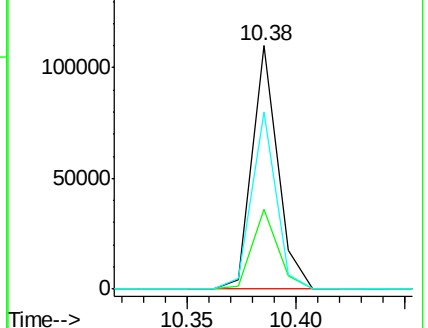
141 72.5 63.4 95.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

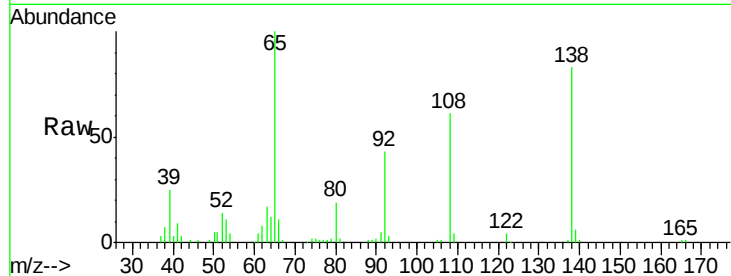




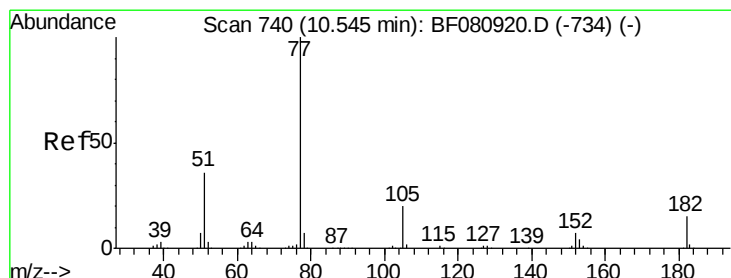
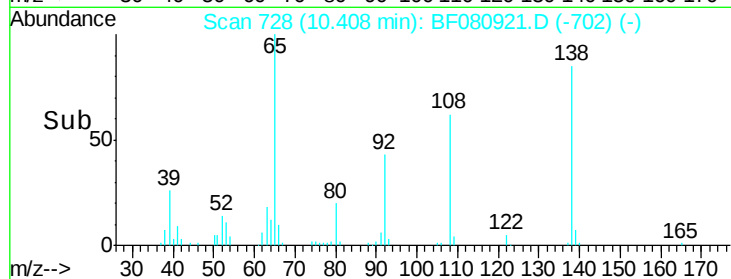
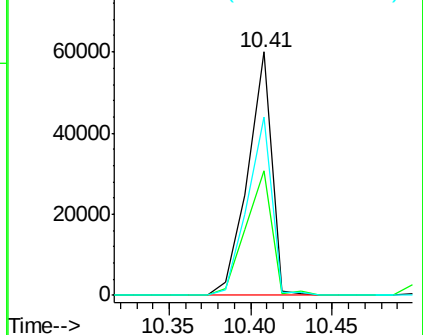
#61
4-Nitroaniline
Concen: 27.85 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 61357
Ion Ratio Lower Upper
138 100
92 51.0 38.1 78.1
108 73.3 59.9 99.9

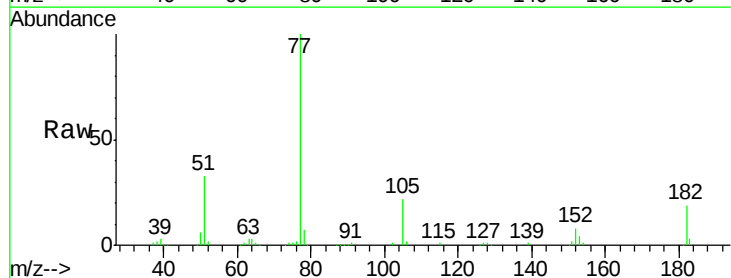


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

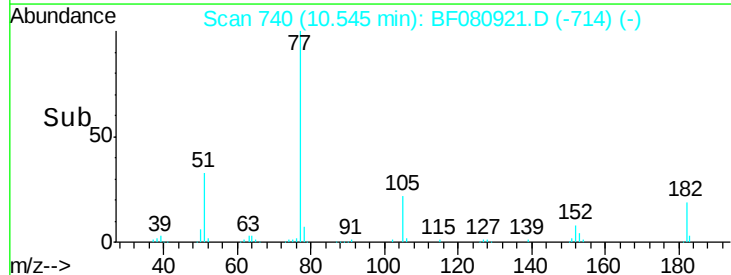
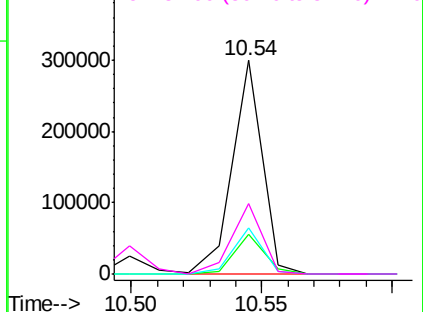


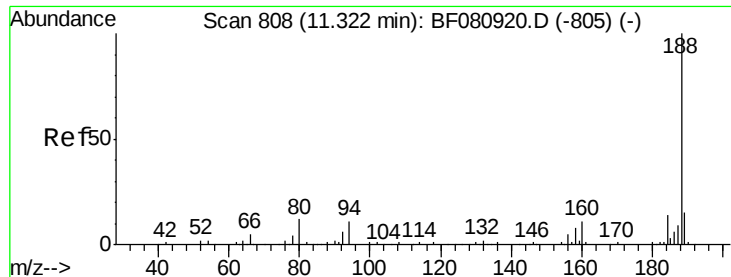
#62
Azobenzene
Concen: 24.60 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion: 77 Resp: 240665
Ion Ratio Lower Upper
77 100
182 18.8 0.0 35.5
105 21.5 0.5 40.5
51 33.2 15.6 55.6



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

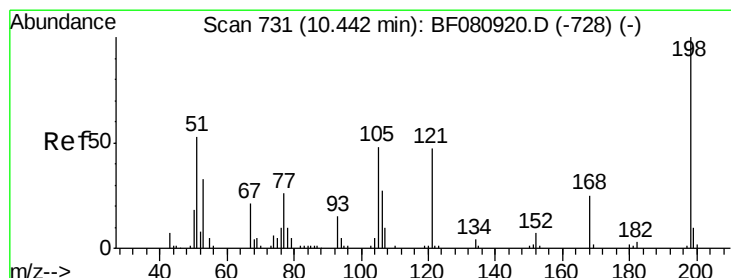
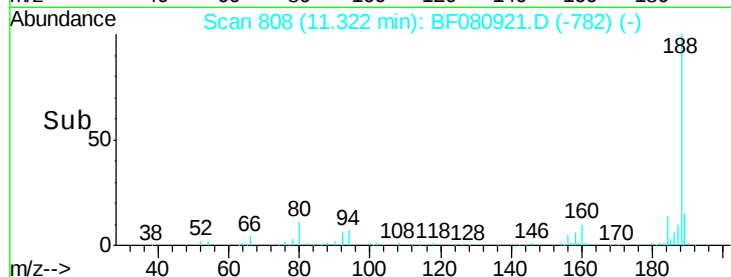
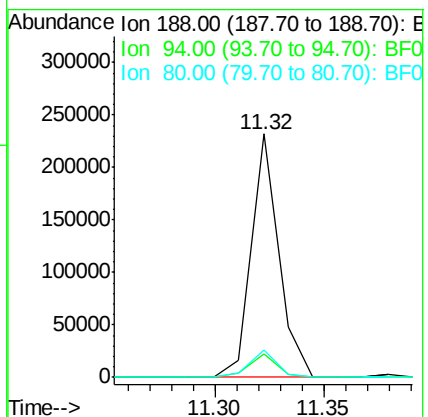
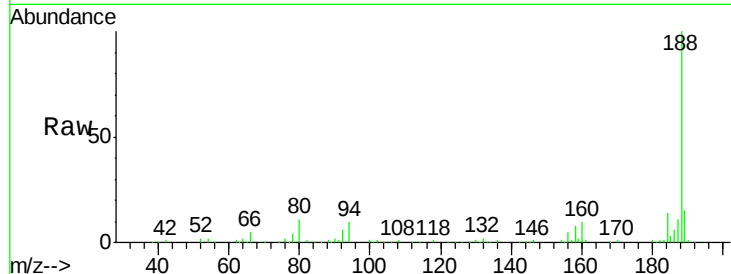




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

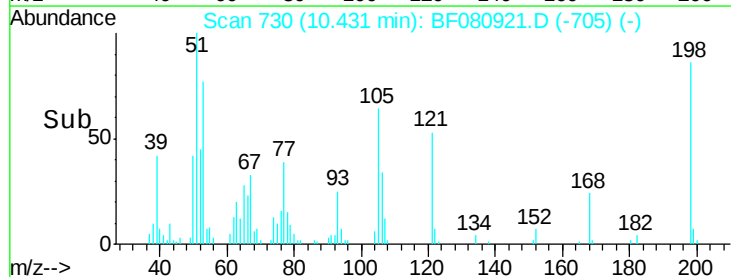
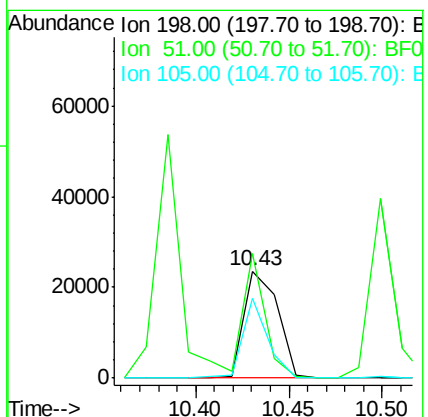
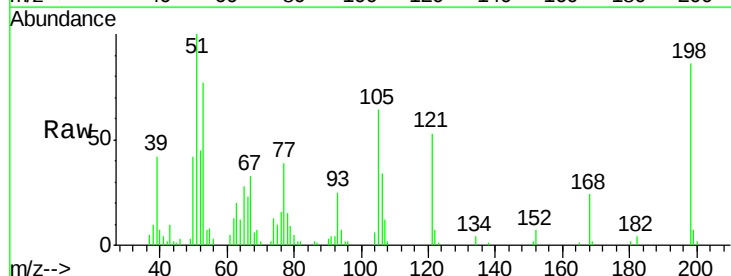
Instrument :
BNA_F
ClientSampleId :

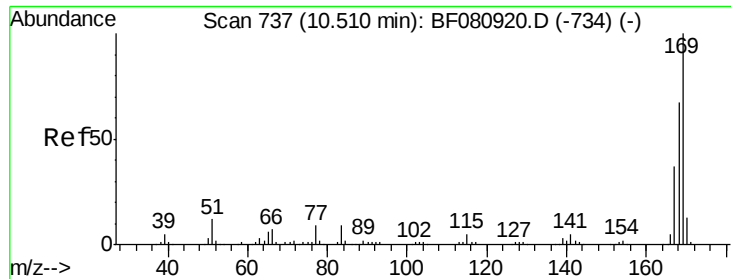
Tot Ion:188 Resp: 204059
Ion Ratio Lower Upper
188 100
94 9.7 8.8 13.2
80 11.3 9.5 14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 23.21 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:198 Resp: 29358
Ion Ratio Lower Upper
198 100
51 116.6 40.3 80.3#
105 74.3 29.6 69.6#

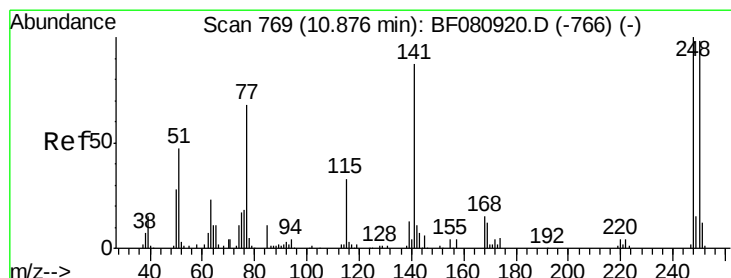
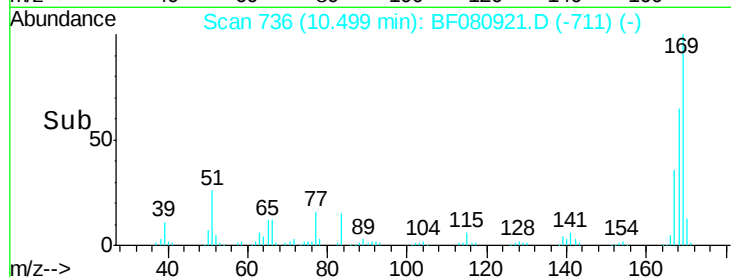
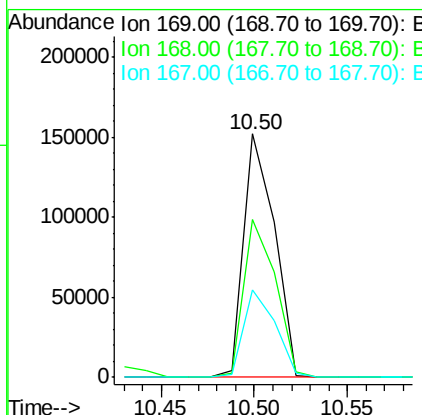
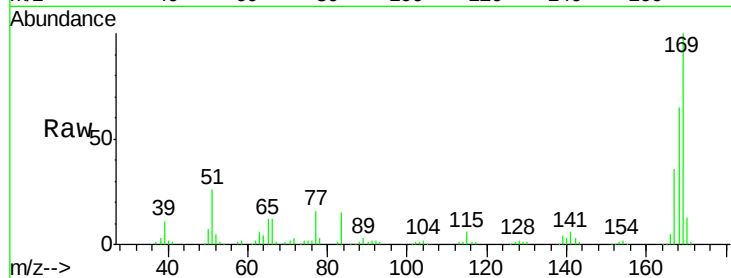




#65
 n-Nitrosodiphenylamine
 Concen: 24.51 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

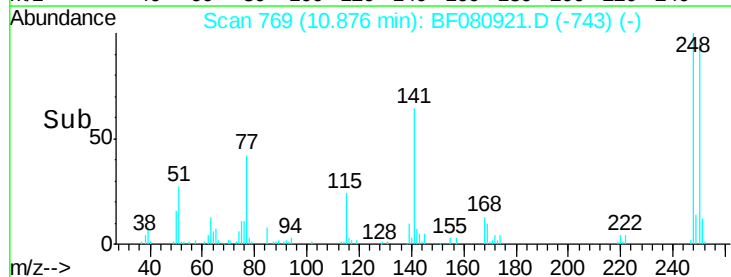
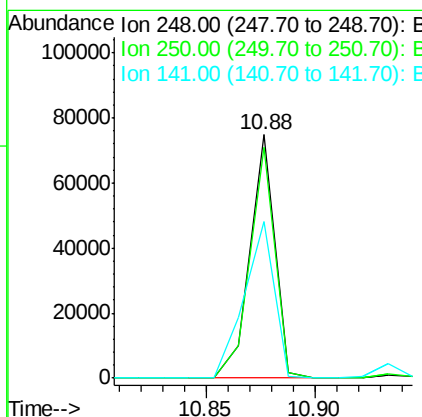
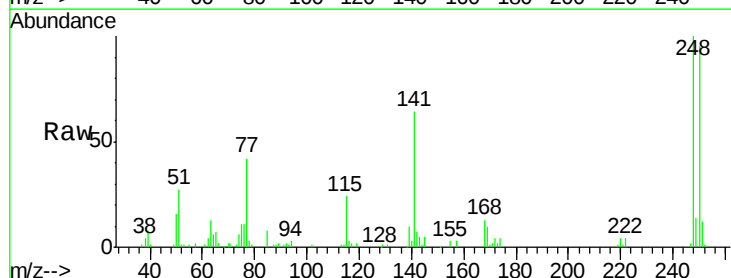
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 173741
 Ion Ratio Lower Upper
 169 100
 168 64.8 53.7 80.5
 167 35.7 29.3 43.9



#66
 4-Bromophenyl-phenylether
 Concen: 27.55 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:248 Resp: 59552
 Ion Ratio Lower Upper
 248 100
 250 94.9 78.1 117.1
 141 64.2 69.6 104.4#

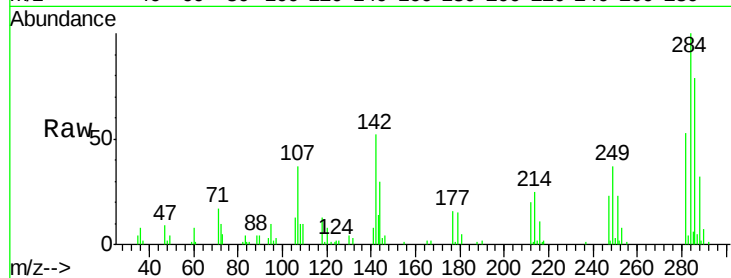




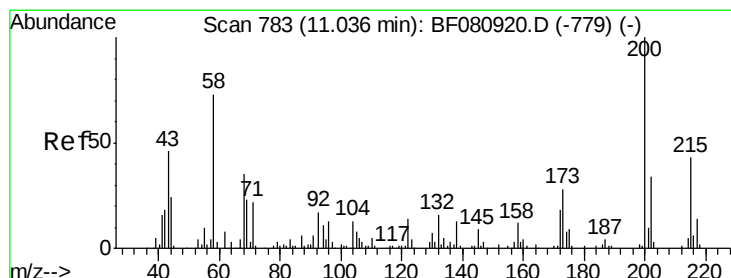
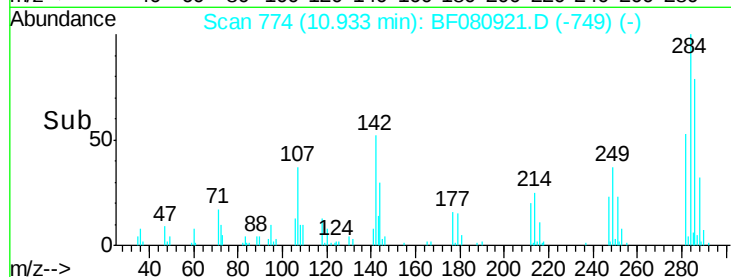
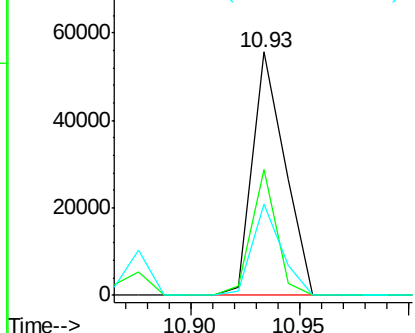
#67
Hexachlorobenzene
Concen: 23.92 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 57475
Ion Ratio Lower Upper
284 100
142 51.9 12.8 19.2#
249 37.3 22.5 33.7#

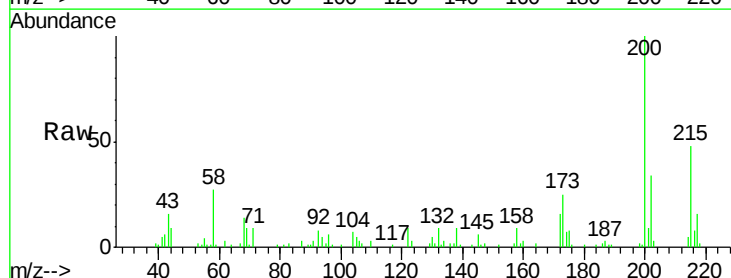


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

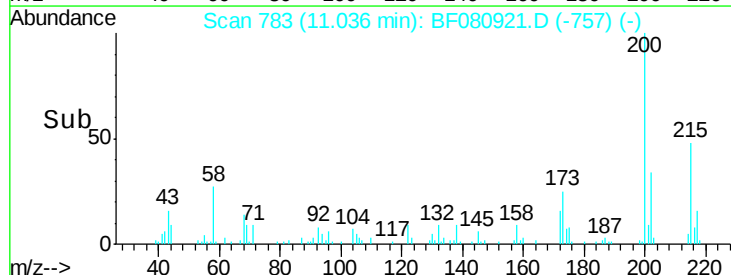
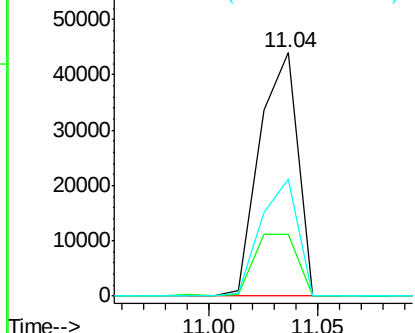


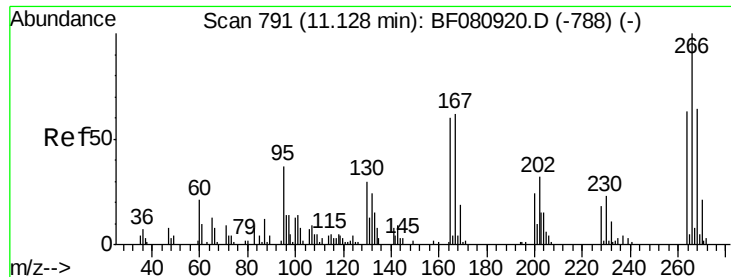
#68
Atrazine
Concen: 25.98 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:200 Resp: 54009
Ion Ratio Lower Upper
200 100
173 25.4 8.4 48.4
215 47.9 22.7 62.7



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

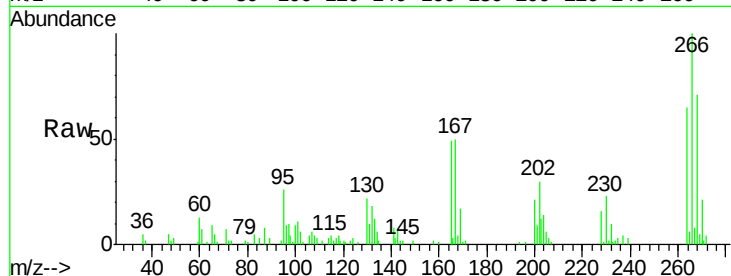




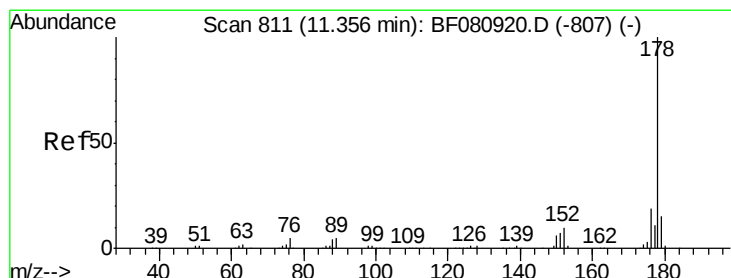
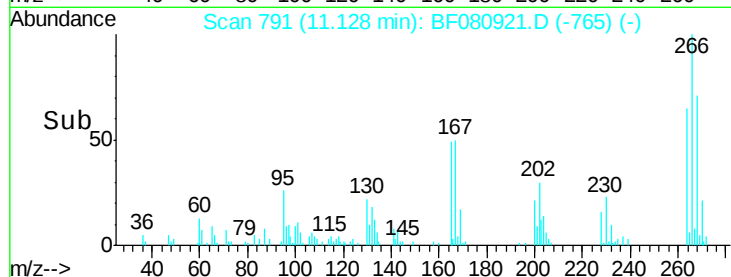
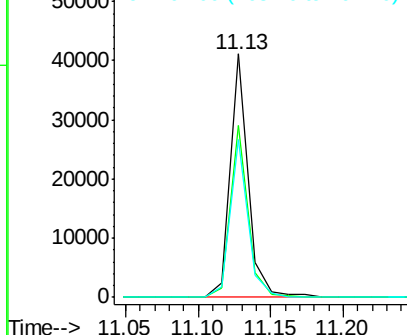
#69
 Pentachlorophenol
 Concen: 25.20 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 35208
 Ion Ratio Lower Upper
 266 100
 268 70.5 51.6 77.4
 264 64.8 50.1 75.1

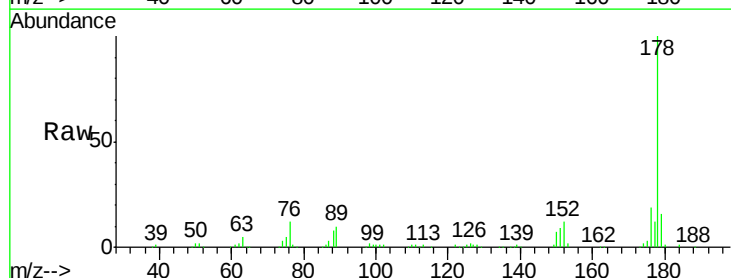


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

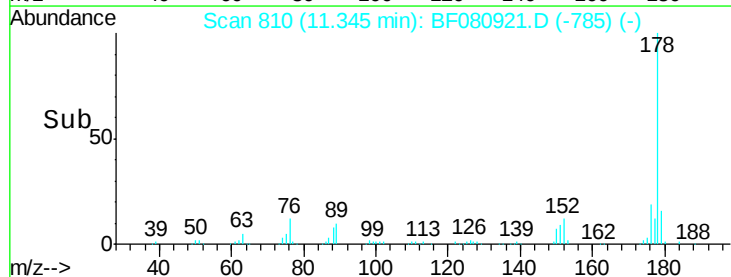
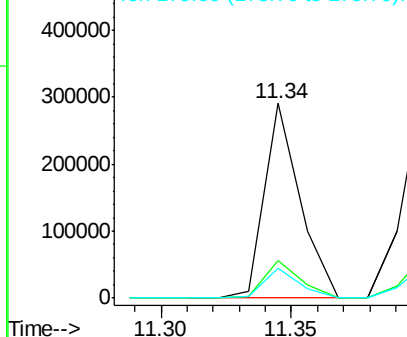


#70
 Phenanthrene
 Concen: 23.83 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:178 Resp: 275351
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.5 11.9 17.9



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

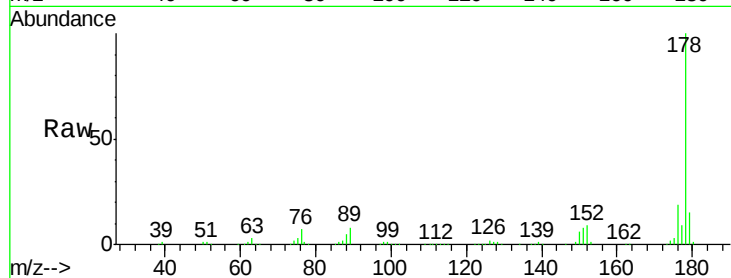




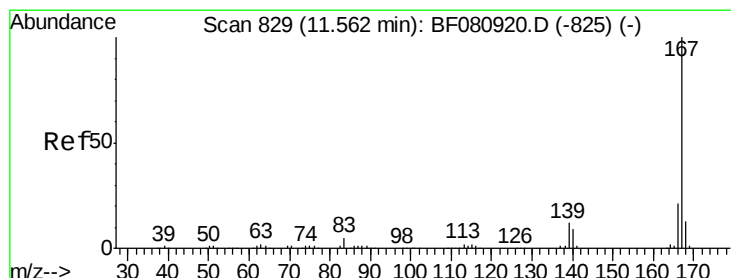
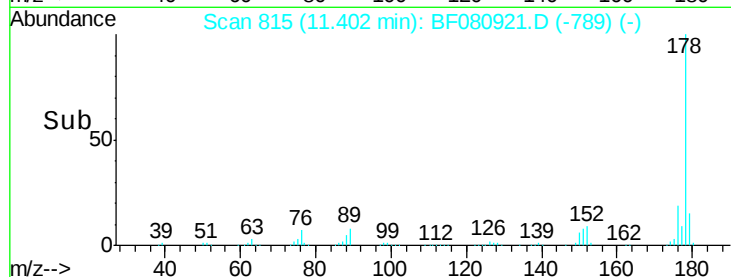
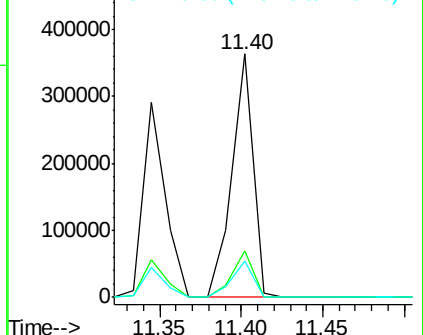
#71
 Anthracene
 Concen: 28.29 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 323578
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.0 12.6 18.8

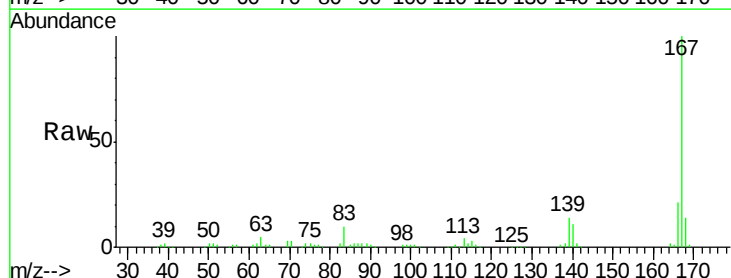


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

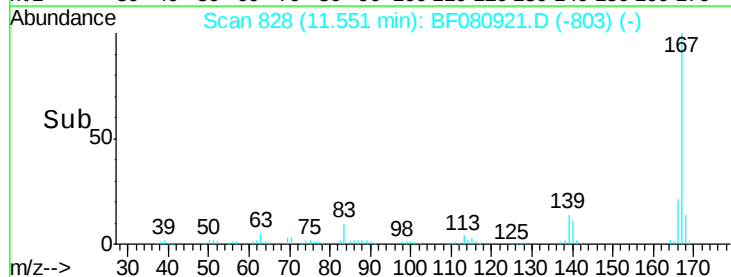
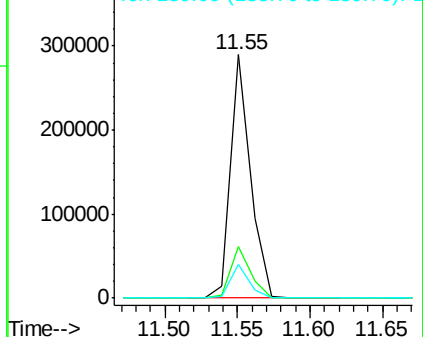


#72
 Carbazole
 Concen: 24.71 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:167 Resp: 275196
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 14.1 9.2 13.8#



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





#73

Di-n-butylphthalate

Concen: 28.74 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

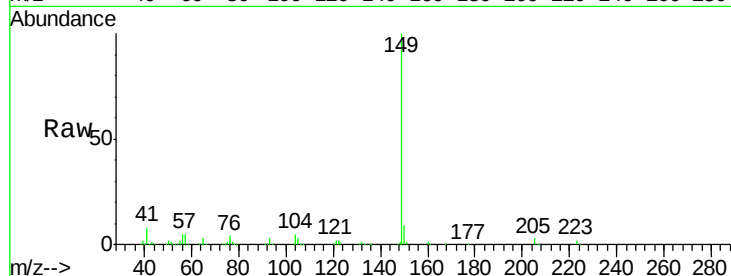
Tot Ion:149 Resp: 400186

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

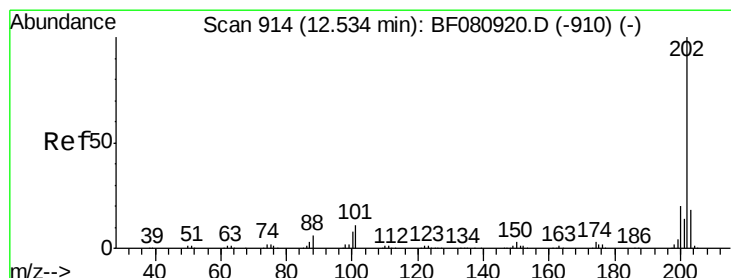
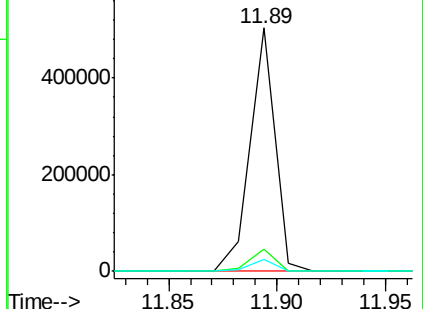
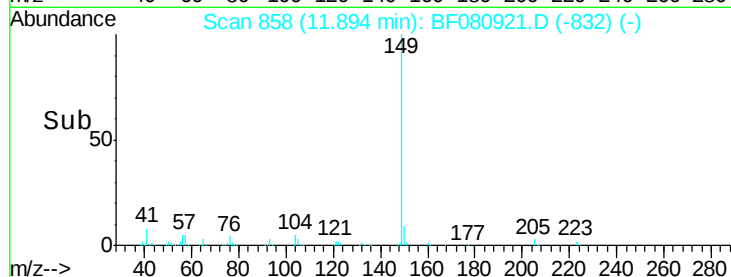
104 4.9 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.49 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

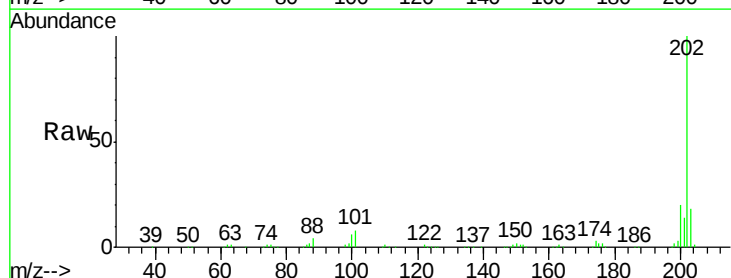
Tgt Ion:202 Resp: 355904

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.5

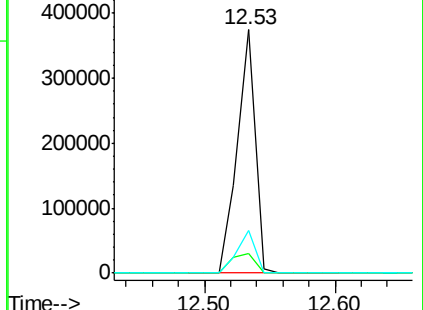
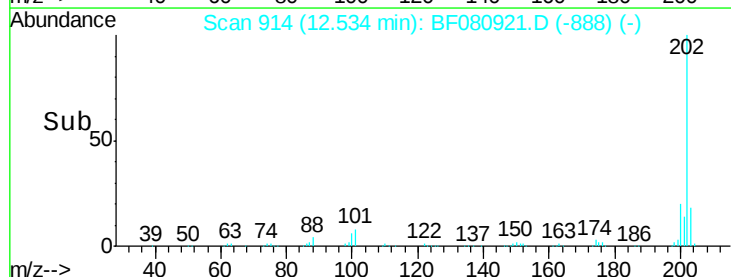
203 17.6 0.0 37.7

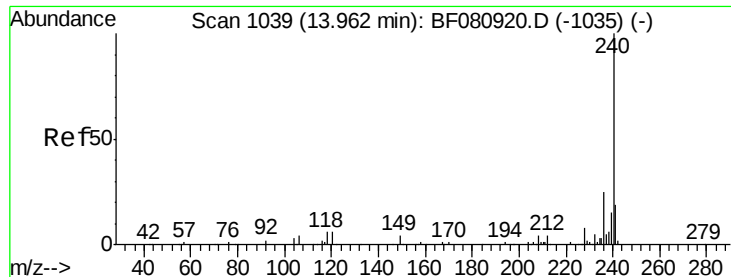


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

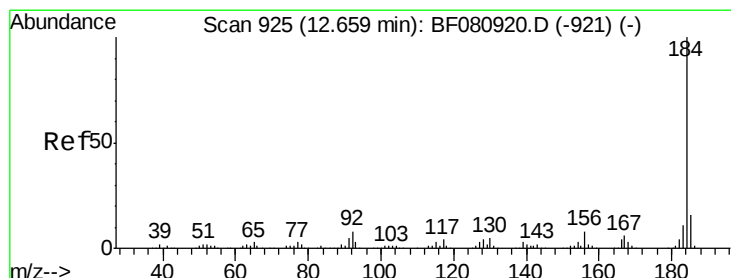
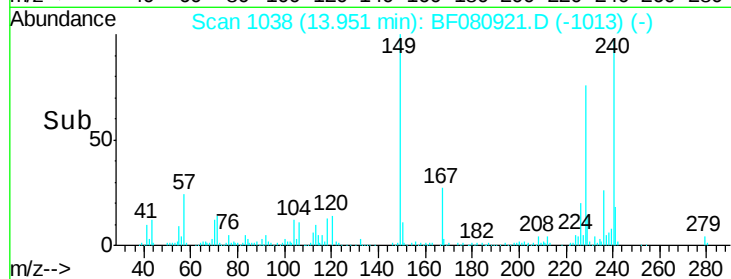
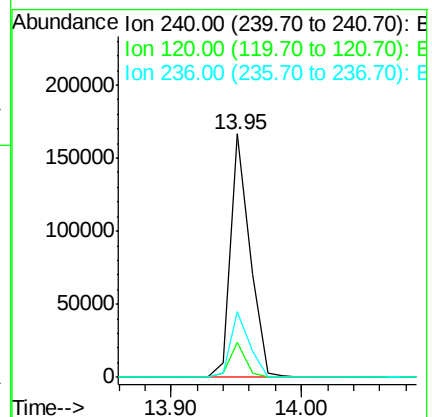
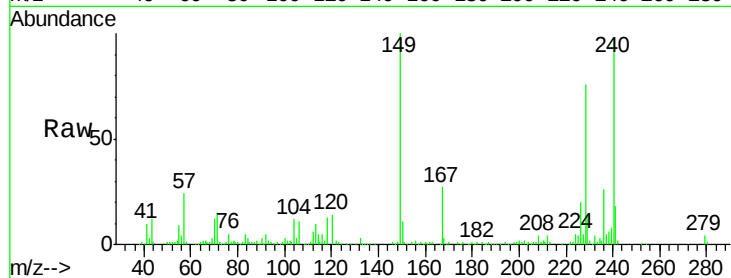
Tot Ion:240 Resp: 172191

Ion Ratio Lower Upper

240 100

120 14.5 5.2 7.8#

236 27.1 20.2 30.4



#76

Benzidine

Concen: 31.30 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

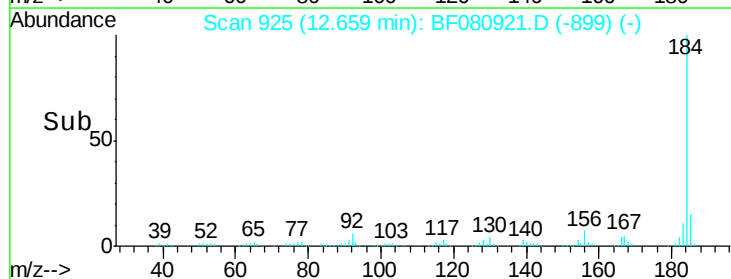
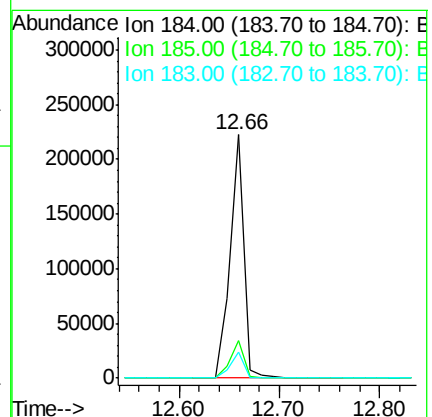
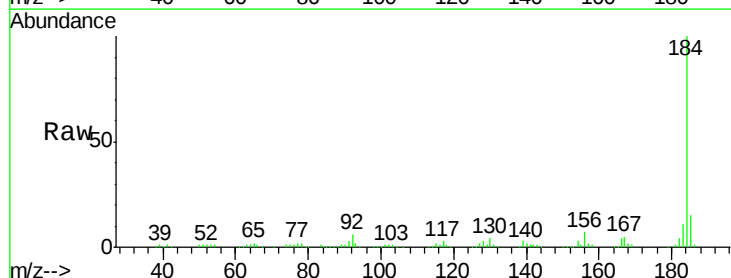
Tgt Ion:184 Resp: 212443

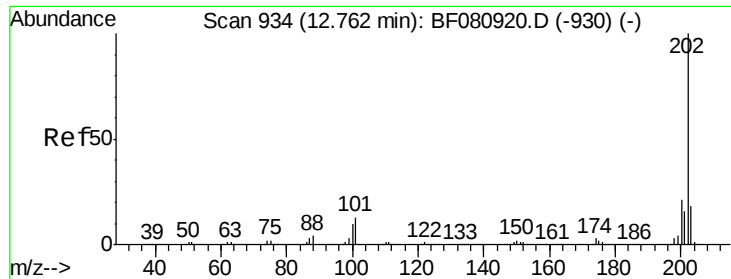
Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

183 10.5 8.7 13.1

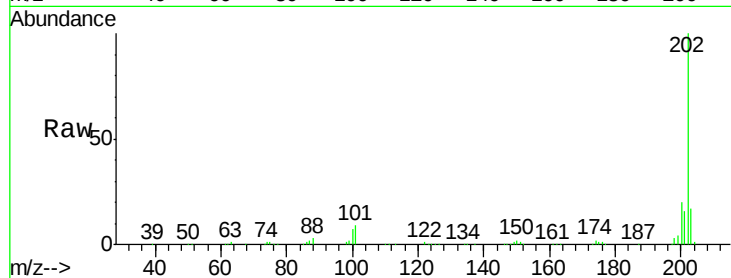




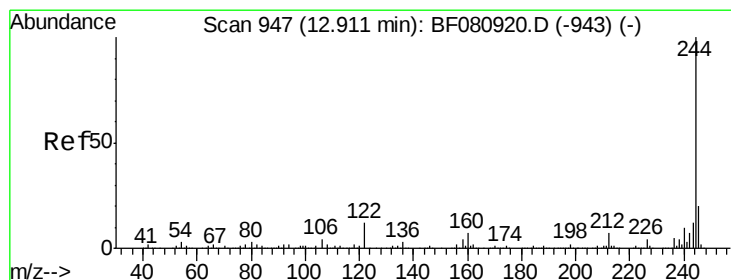
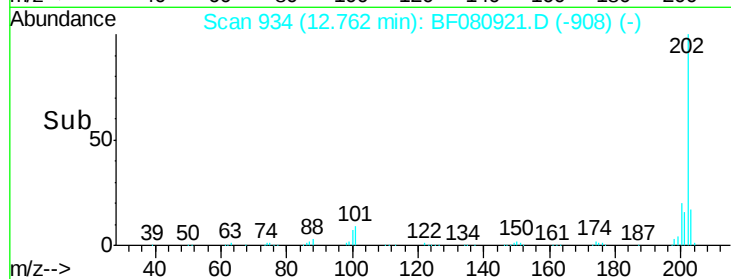
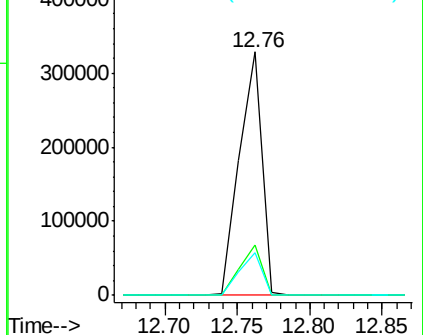
#77
Pvrene
Concen: 28.00 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 356172
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.4 14.2 21.2

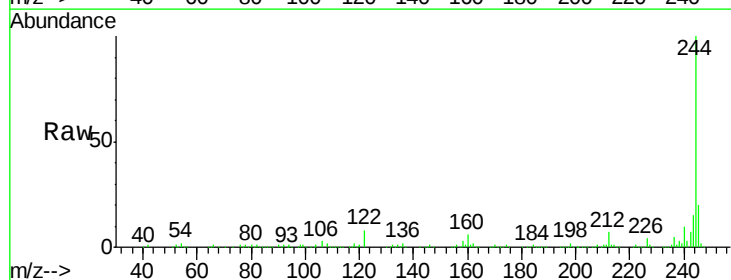


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

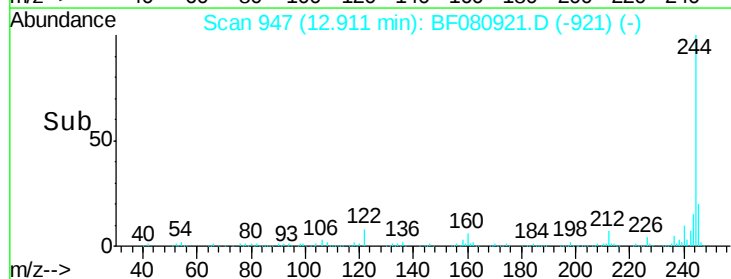
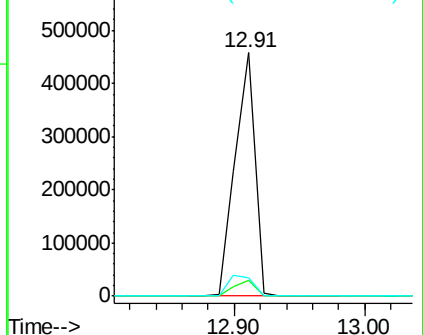


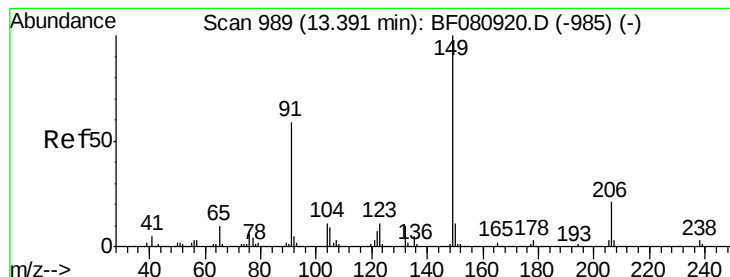
#78
Terphenyl-d14
Concen: 57.93 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion:244 Resp: 482958
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 7.6 9.4 14.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.71 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

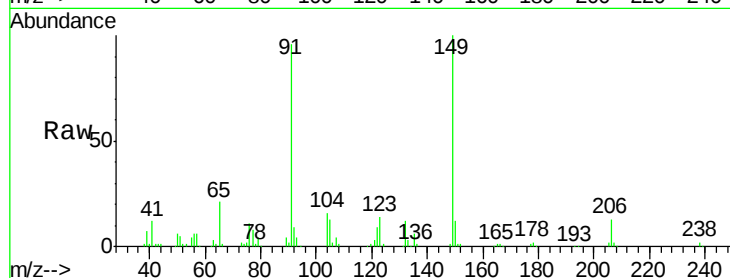
Tot Ion:149 Resp: 157642

Ion Ratio Lower Upper

149 100

91 96.2 47.2 70.8#

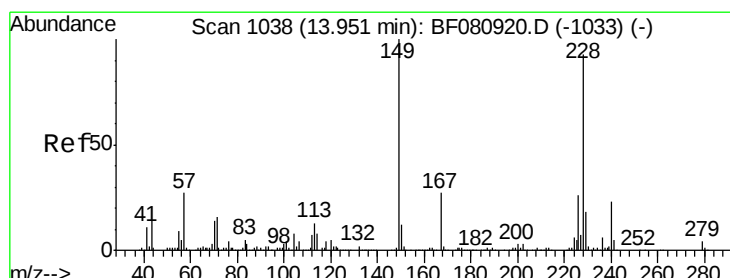
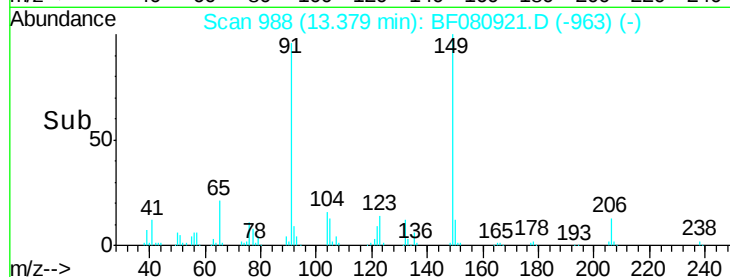
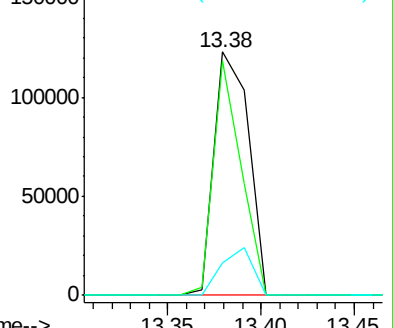
206 13.2 16.5 24.7#



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: 27.46 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

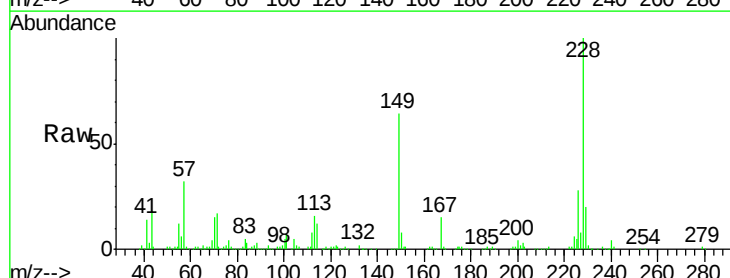
Tgt Ion:228 Resp: 298654

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

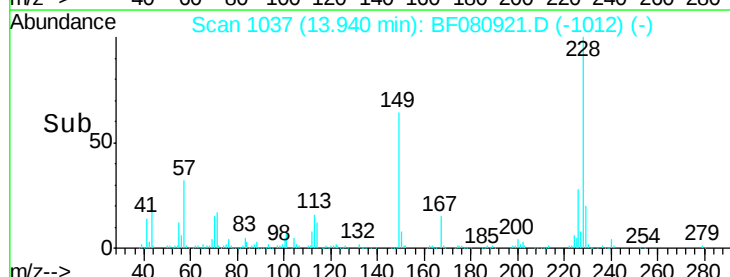
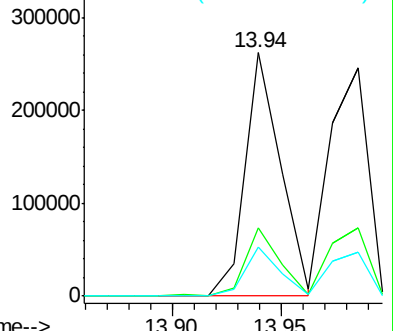
229 20.1 15.8 23.6



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

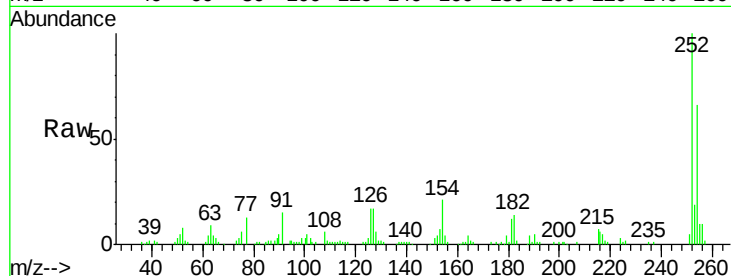




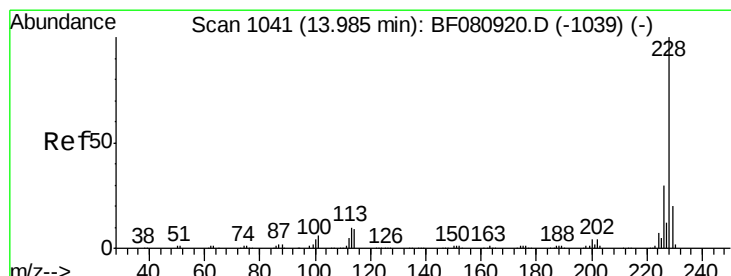
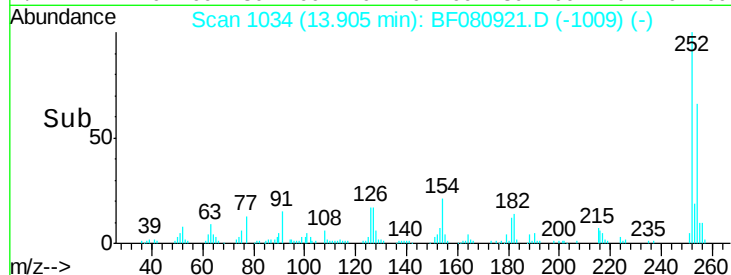
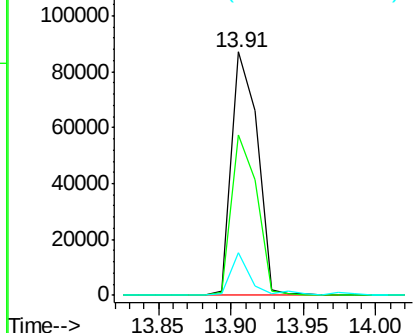
#81
 3,3'-Dichlorobenzidine
 Concen: 27.39 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 108352
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.7 77.5
 126 17.3 7.1 10.7#

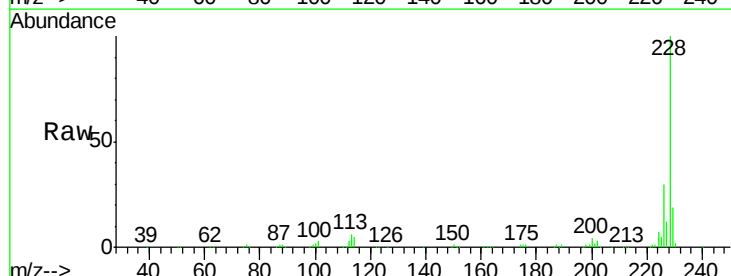


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

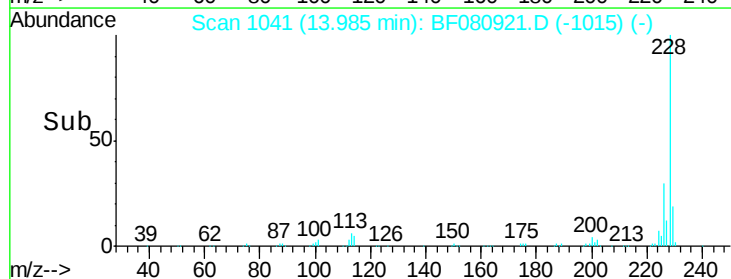
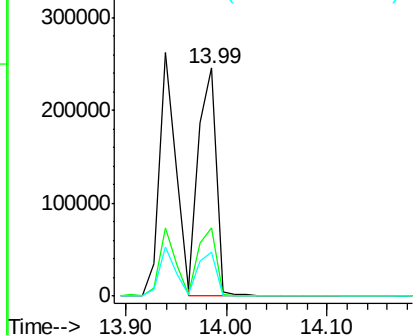


#82
 Chrysene
 Concen: 29.19 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Tgt Ion:228 Resp: 303995
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 19.3 15.8 23.6



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: 27.86 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

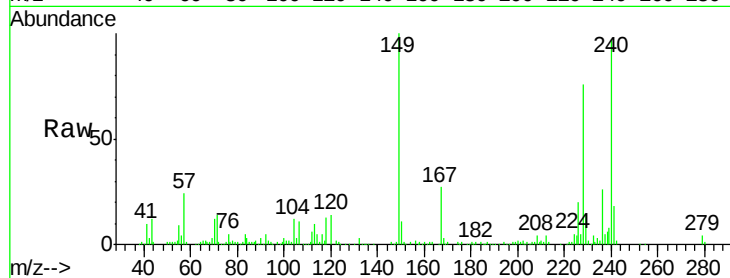
Tot Ion:149 Resp: 237687

Ion Ratio Lower Upper

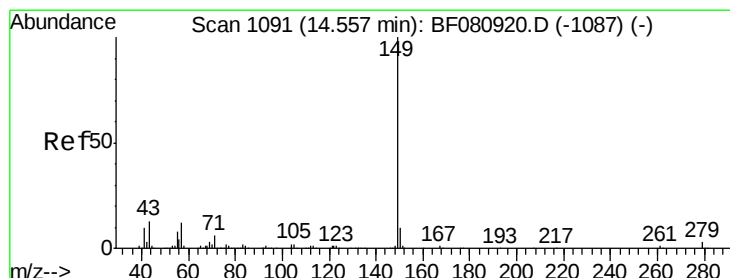
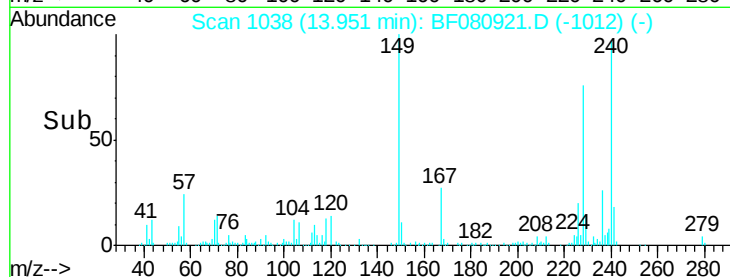
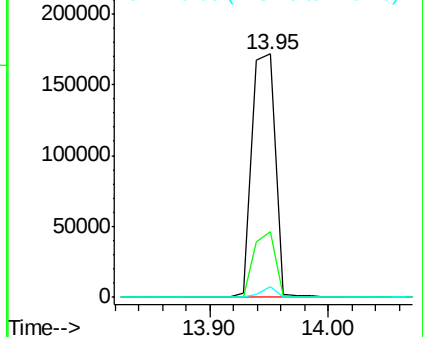
149 100

167 26.8 21.4 32.0

279 4.3 2.9 4.3



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



#84

Di-n-octyl phthalate

Concen: 30.28 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

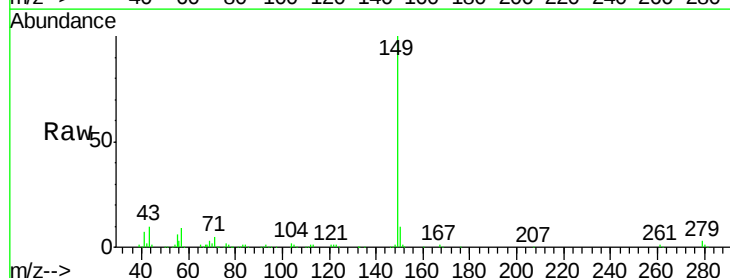
Tgt Ion:149 Resp: 438014

Ion Ratio Lower Upper

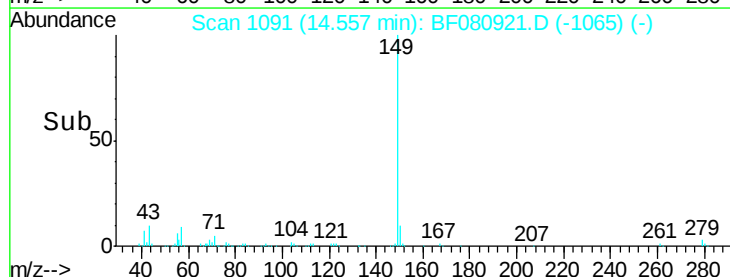
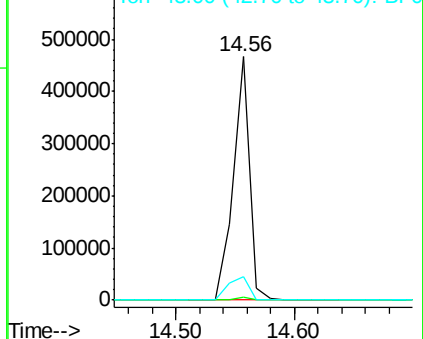
149 100

167 1.4 1.1 1.7

43 12.8 11.0 16.4



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

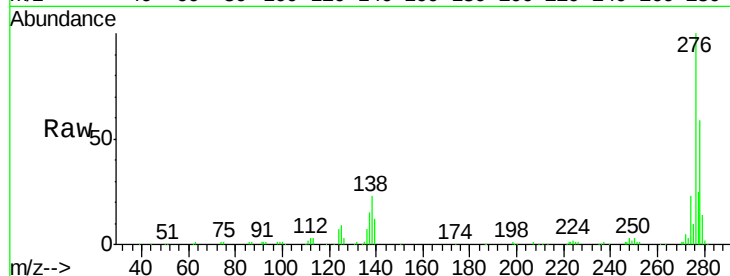




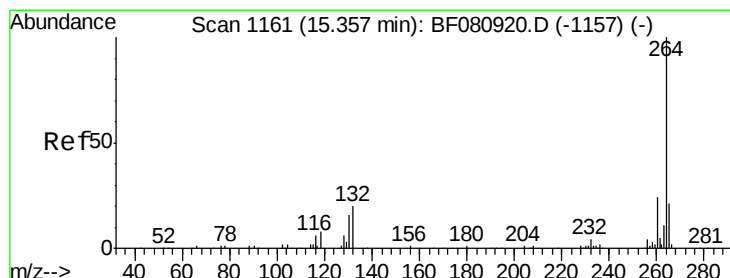
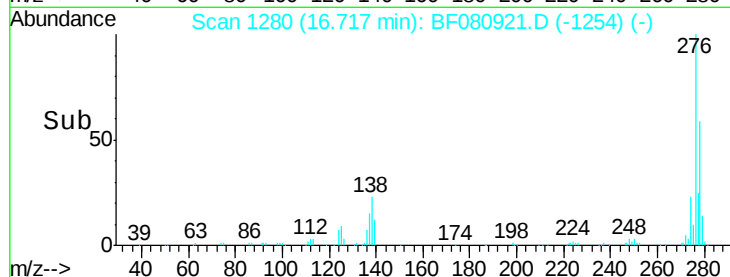
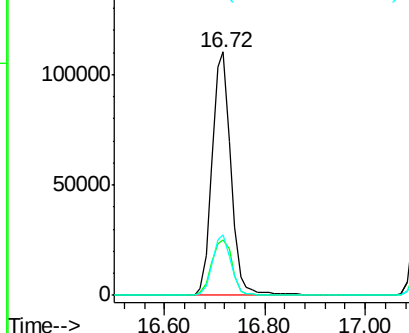
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.83 ng
RT: 16.72 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	24.6	19.7	29.5

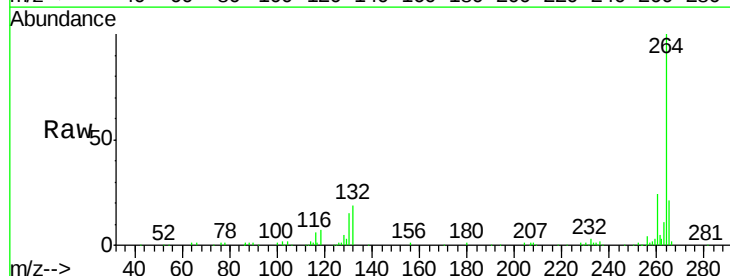


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

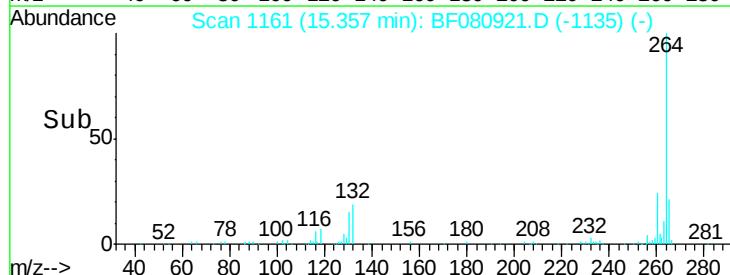
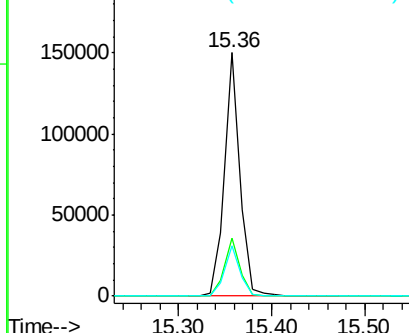


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080921.D
Acq: 7 Aug 2015 12:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.7	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.21 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.02 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

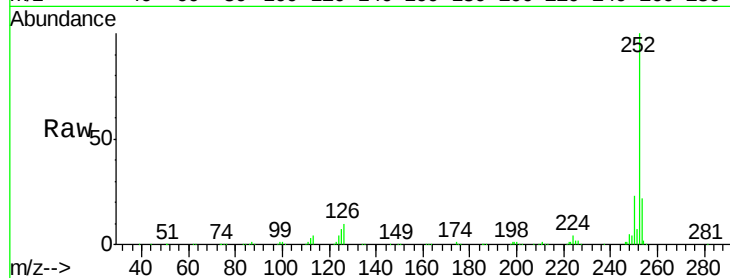
Tot Ion:252 Resp: 590840

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

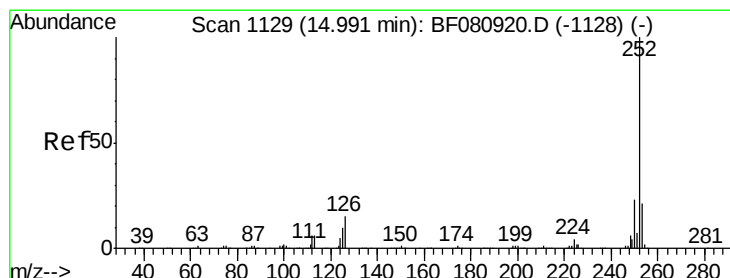
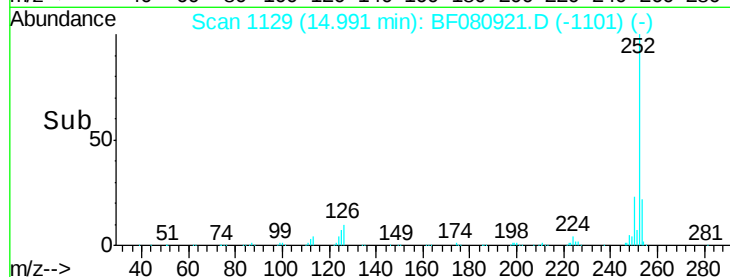
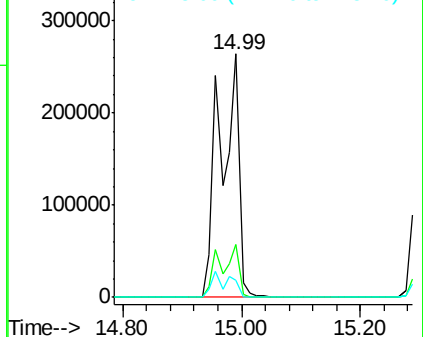
125 6.8 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 56.45 ng

RT: 14.99 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

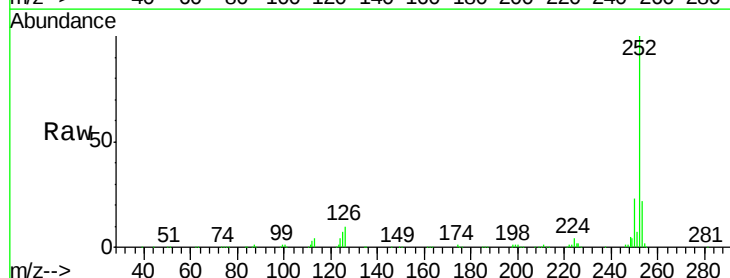
Tgt Ion:252 Resp: 590840

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

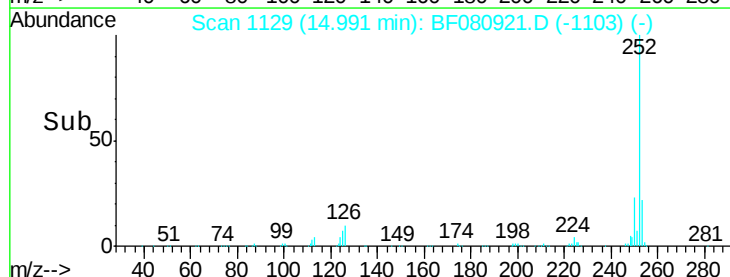
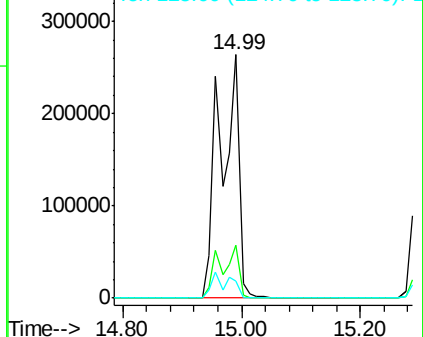
125 6.8 9.0 13.6#

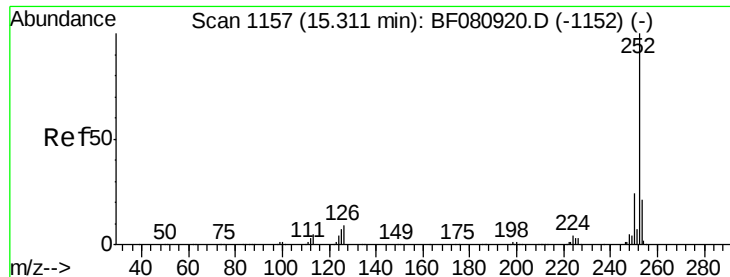


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.85 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

Instrument :

BNA_F

ClientSampleId :

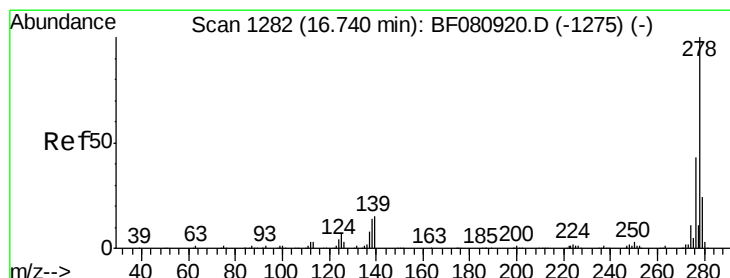
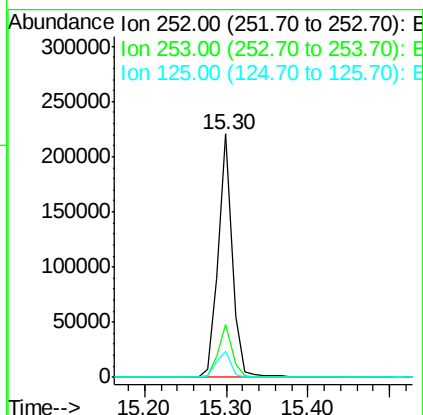
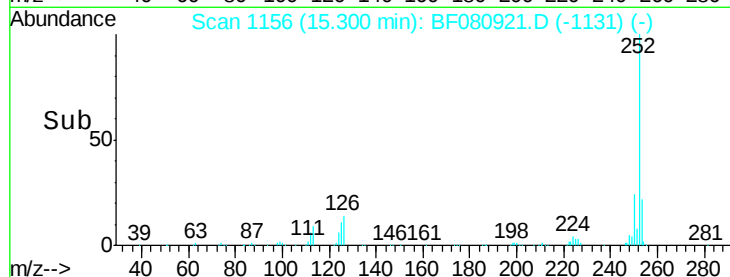
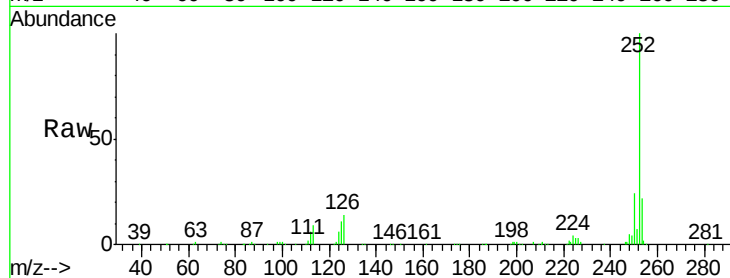
Tot Ion:252 Resp: 266749

Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 10.8 5.8 8.8#



#90

Dibenzo(a,h)anthracene

Concen: 26.16 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF080921.D

Acq: 7 Aug 2015 12:14

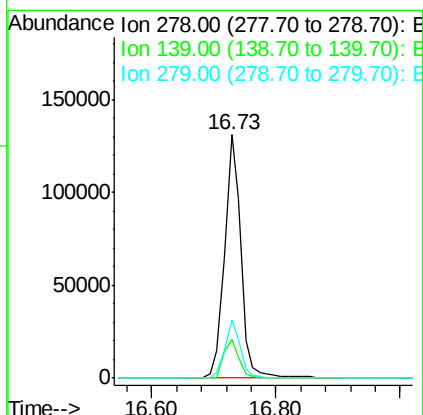
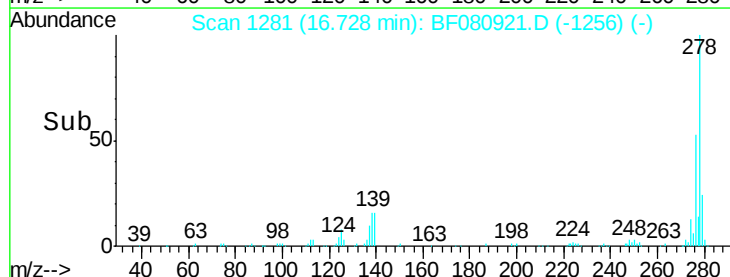
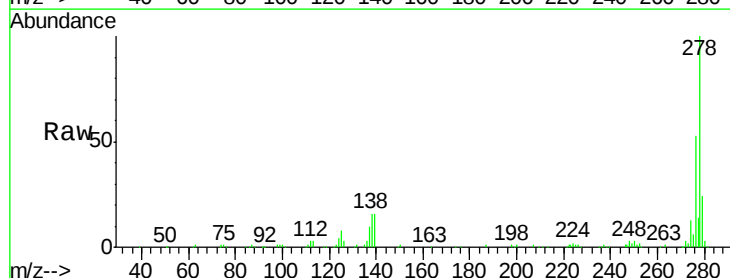
Tgt Ion:278 Resp: 238797

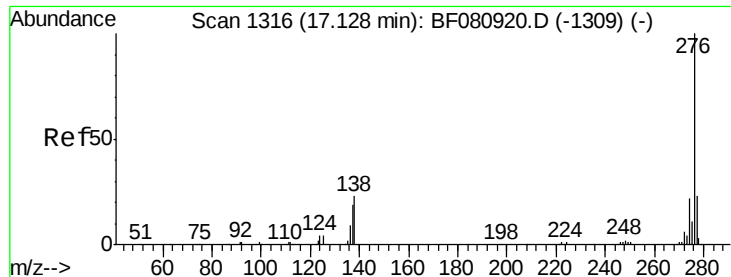
Ion Ratio Lower Upper

278 100

139 16.1 11.9 17.9

279 24.1 19.0 28.6

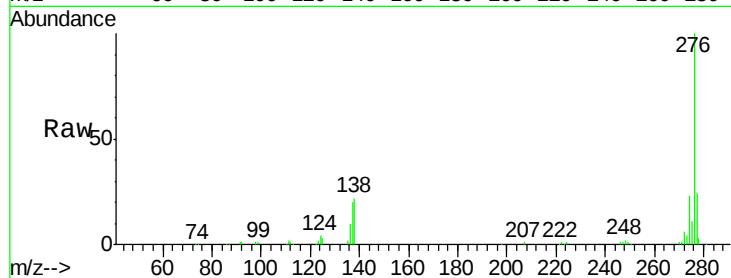




#91
 Benzo(a,h,i)perylene
 Concen: 25.80 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF080921.D
 Acq: 7 Aug 2015 12:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	21.9	18.4	27.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

