

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080918.D
 Acq On : 7 Aug 2015 10:42
 Operator : TP/UM
 Sample : SSTDICC060
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:56:18 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	56489	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	236974	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	107663	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	227400	20.00	ng	0.01
75) Chrysene-d12	13.96	240	191001	20.00	ng	0.00
86) Perylene-d12	15.36	264	163985	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	380211	109.97	ng	0.01
7) Phenol-d6	6.44	99	531037	112.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	509088	101.62	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	124137	104.95	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	787385	102.96	ng	0.00
78) Terphenyl-d14	12.91	244	967214	104.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	92056	56.14	ng	100
3) Pyridine	3.04	79	272889	58.28	ng	98
4) n-Nitrosodimethylamine	3.00	42	144516	60.88	ng	93
6) Aniline	6.48	93	392689	56.42	ng	97
8) 2-Chlorophenol	6.59	128	212685	53.16	ng	85
9) Benzaldehyde	6.35	77	165994	51.71	ng	98
10) Phenol	6.45	94	294722	52.43	ng	81
11) bis(2-Chloroethyl)ether	6.56	93	242301	57.73	ng	88
12) 1,3-Dichlorobenzene	6.83	146	258107	60.79	ng	97
13) 1,4-Dichlorobenzene	6.83	146	258107	58.50	ng	96
14) 1,2-Dichlorobenzene	6.98	146	201408	50.50	ng	96
15) Benzyl Alcohol	6.96	79	208148	53.69	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	457433	54.17	ng	99
17) 2-Methylphenol	7.07	107	184096	53.91	ng	93
18) Hexachloroethane	7.32	117	94081	55.66	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	209230	60.42	ng	97
20) 3+4-Methylphenols	7.23	107	244909	57.09	ng	96
22) Acetophenone	7.23	105	321672	55.40	ng	# 91
24) Nitrobenzene	7.40	77	308742	59.85	ng	92
25) Isophorone	7.64	82	524752	54.47	ng	94
26) 2-Nitrophenol	7.71	139	113738	52.40	ng	92
27) 2,4-Dimethylphenol	7.76	122	216033	53.16	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	322167	55.70	ng	# 96
29) 2,4-Dichlorophenol	7.96	162	185327	55.50	ng	89
30) 1,2,4-Trichlorobenzene	8.04	180	204019	55.90	ng	98
31) Naphthalene	8.12	128	715201	54.75	ng	98
32) Benzoic acid	7.89	122	150211	61.46	ng	92
33) 4-Chloroaniline	8.17	127	261485	49.26	ng	96
34) Hexachlorobutadiene	8.24	225	112229	51.68	ng	96
35) Caprolactam	8.56	113	67919	58.23	ng	# 72
36) 4-Chloro-3-methylphenol	8.66	107	240781	59.09	ng	90
37) 2-Methylnaphthalene	8.81	142	406655	48.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	201158	60.61	ng	97
40) Hexachlorocyclopentadiene	8.97	237	119425	65.94	ng	97

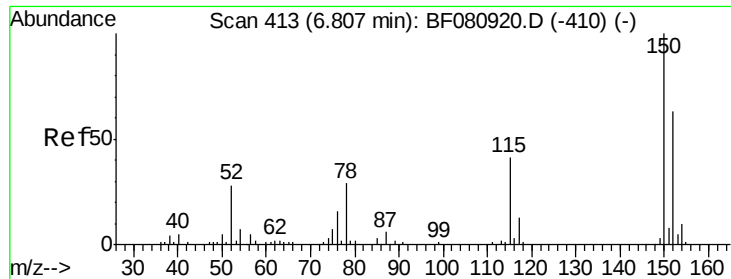
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080918.D
 Acq On : 7 Aug 2015 10:42
 Operator : TP/UM
 Sample : SSTDICC060
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:56:18 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	9.09	196	138190	55.85	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	145799	61.48	nq #	85
45) 1,1'-Biphenyl	9.28	154	521308	56.42	nq	97
46) 2-Chloronaphthalene	9.30	162	398827	55.36	nq	95
47) 2-Nitroaniline	9.39	65	156913	54.32	nq	93
48) Acenaphthylene	9.71	152	653460	52.18	nq	99
49) Dimethylphthalate	9.58	163	498466	55.74	nq	100
50) 2,6-Dinitrotoluene	9.64	165	110222	59.66	nq #	84
51) Acenaphthene	9.88	154	406286	52.97	nq	99
52) 3-Nitroaniline	9.81	138	147984	64.97	nq #	77
53) 2,4-Dinitrophenol	9.90	184	61949	63.51	nq #	68
54) Dibenzofuran	10.05	168	539826	52.05	nq	96
55) 4-Nitrophenol	9.96	139	92450	54.22	nq #	56
56) 2,4-Dinitrotoluene	10.04	165	140405	56.79	nq	91
57) Fluorene	10.40	166	411983	51.35	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	111237	57.11	nq	93
59) Diethylphthalate	10.28	149	573997	61.66	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	219278	56.09	nq #	78
61) 4-Nitroaniline	10.42	138	142248	60.69	nq	99
62) Azobenzene	10.56	77	613242	58.91	nq	86
64) 4,6-Dinitro-2-methylphenol	10.45	198	93849	66.59	nq #	74
65) n-Nitrosodiphenylamine	10.51	169	393886	49.85	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	125163	51.97	nq #	89
67) Hexachlorobenzene	10.94	284	153030	57.15	nq #	82
68) Atrazine	11.04	200	130477	56.33	nq	97
69) Pentachlorophenol	11.14	266	92331	59.30	nq	98
70) Phenanthrene	11.36	178	700851	54.43	nq	98
71) Anthracene	11.40	178	650289	51.01	nq	100
72) Carbazole	11.56	167	656949	52.93	nq #	97
73) Di-n-butylphthalate	11.89	149	809320	52.15	nq	100
74) Fluoranthene	12.53	202	696054	50.00	nq	96
76) Benzidine	12.66	184	372470	49.48	nq	98
77) Pyrene	12.76	202	714900	50.67	nq	99
79) Butylbenzylphthalate	13.39	149	418349	61.50	nq	87
80) Benzo(a)anthracene	13.95	228	615965	51.05	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	222969	50.81	nq #	98
82) Chrysene	13.98	228	581413	50.33	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	526126	55.59	nq	99
84) Di-n-octyl phthalate	14.56	149	860539	53.63	nq	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	607605	55.24	nq	100
87) Benzo(b)fluoranthene	14.97	252	643005	56.39	nq #	98
88) Benzo(k)fluoranthene	14.97	252	643005	64.69	nq	99
89) Benzo(a)pyrene	15.31	252	569711	58.13	nq #	97
90) Dibenzo(a,h)anthracene	16.75	278	509041	58.71	nq	98
91) Benzo(g,h,i)perylene	17.14	276	492355	58.38	nq	98

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

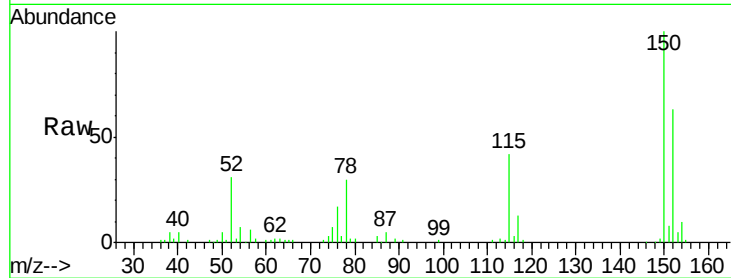


#1

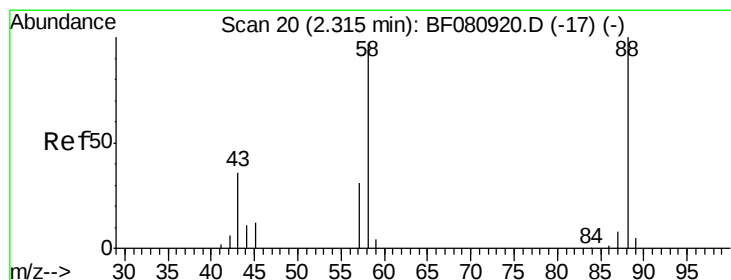
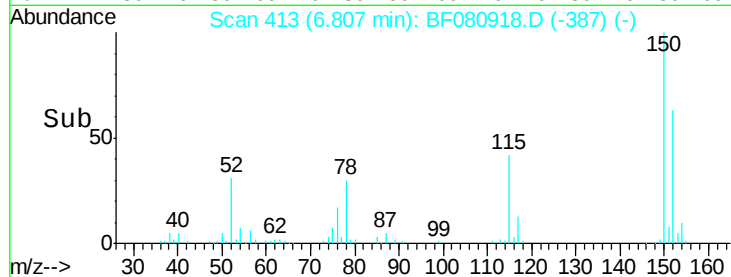
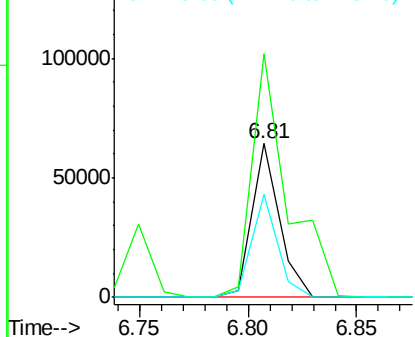
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 56489
Ion Ratio Lower Upper
152 100
150 158.3 127.4 191.2
115 66.7 52.6 78.8



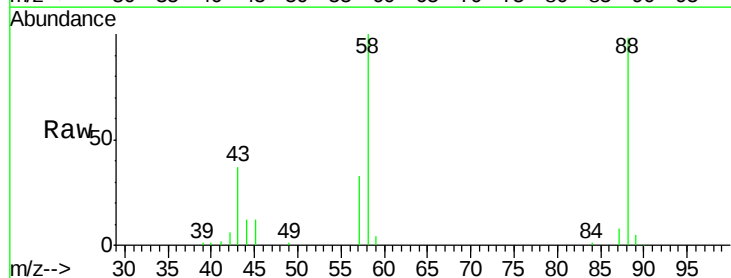
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



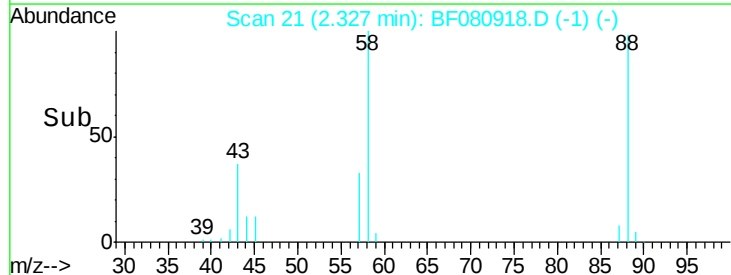
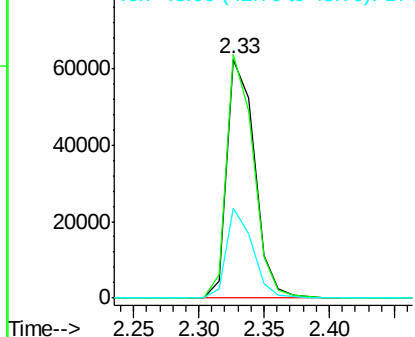
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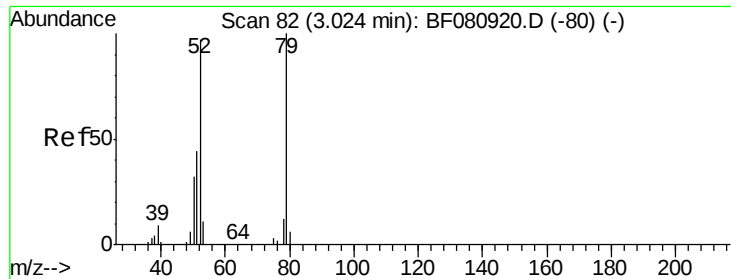
1,4-Dioxane
Concen: 56.14 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion: 88 Resp: 92056
Ion Ratio Lower Upper
88 100
58 98.8 79.3 118.9
43 35.7 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: 58.28 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

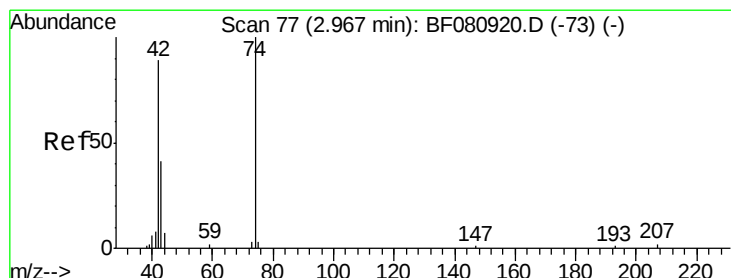
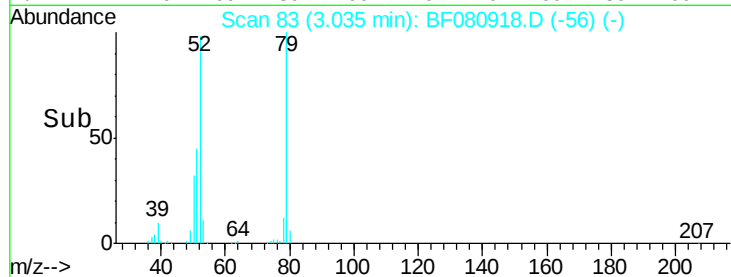
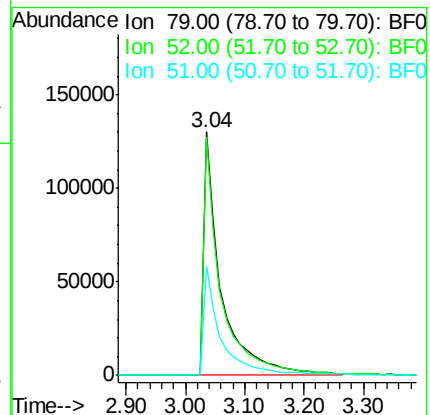
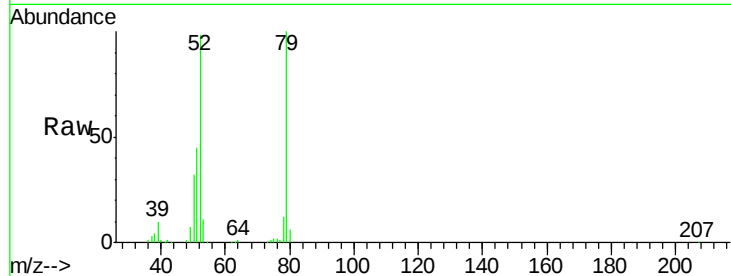
Tot Ion: 79 Resp: 272889

Ion Ratio Lower Upper

79 100

52 98.0 77.2 115.8

51 44.9 35.0 52.4



#4

n-Nitrosodimethylamine

Concen: 60.88 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.03 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

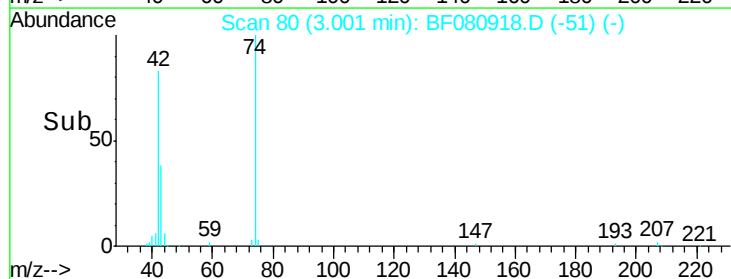
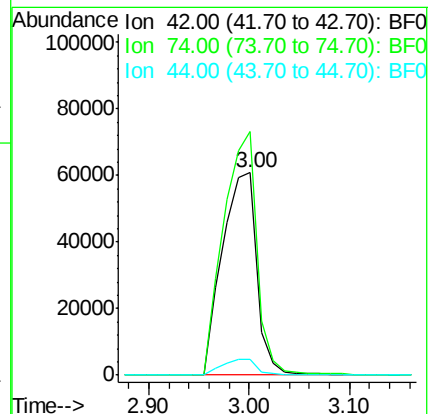
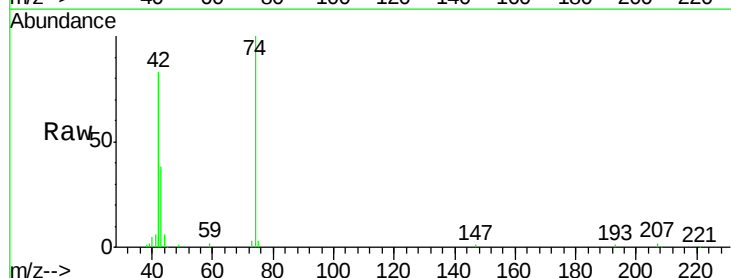
Tgt Ion: 42 Resp: 144516

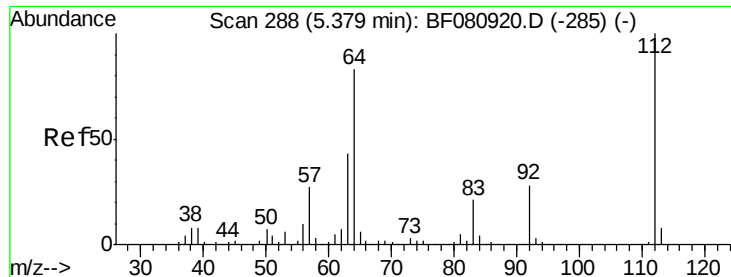
Ion Ratio Lower Upper

42 100

74 120.4 89.8 134.8

44 7.7 6.5 9.7





#5

2-Fluorophenol

Concen: 109.97 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080918.D

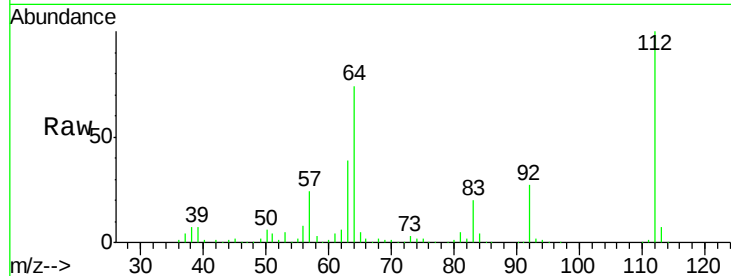
Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

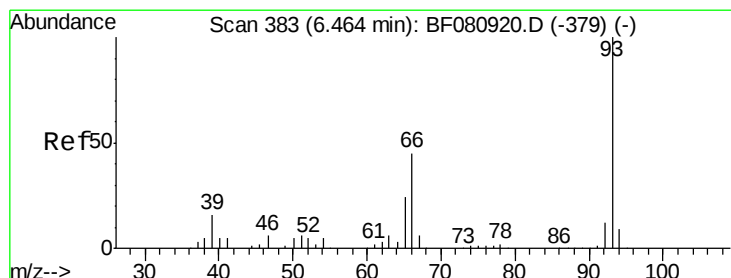
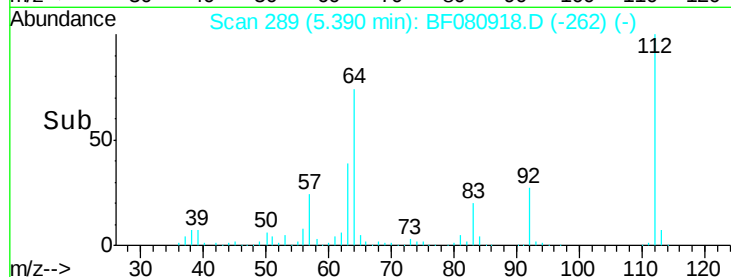
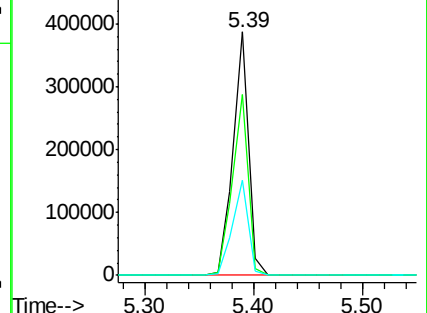
Tot Ion:	112	Resp:	380211
Ion	Ratio	Lower	Upper
112	100		
64	74.2	66.1	99.1
63	39.0	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 56.42 ng

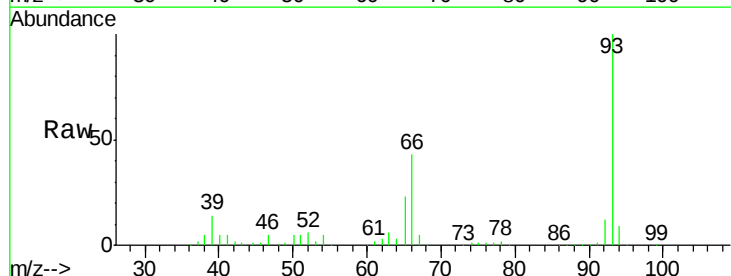
RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

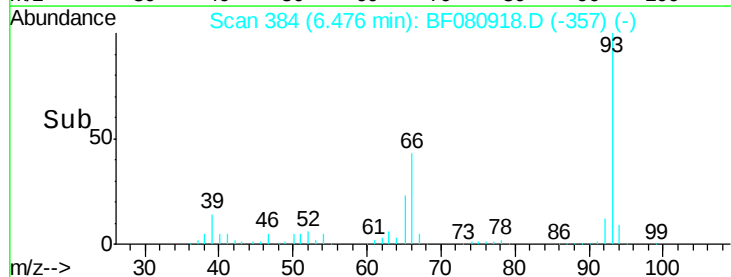
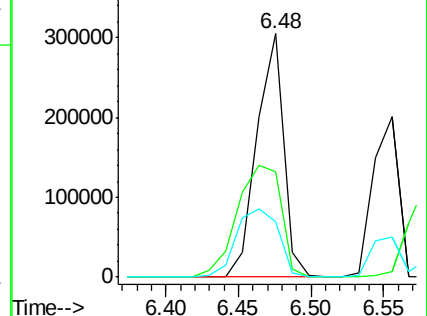
Tgt Ion:	93	Resp:	392689
Ion	Ratio	Lower	Upper
93	100		
66	43.1	36.2	54.4
65	22.6	19.0	28.4

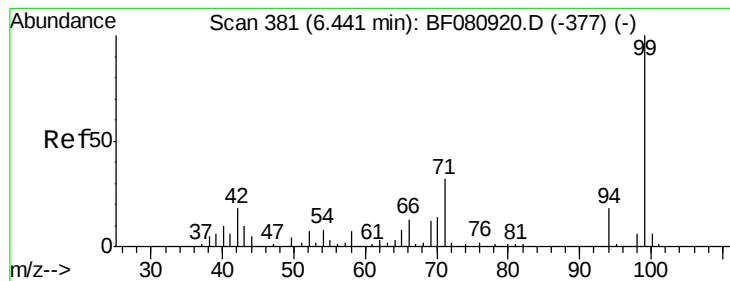


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.09 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampled :

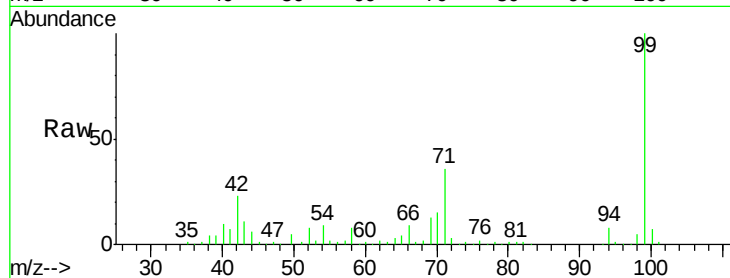
Tot Ion: 99 Resp: 531037

Ion Ratio Lower Upper

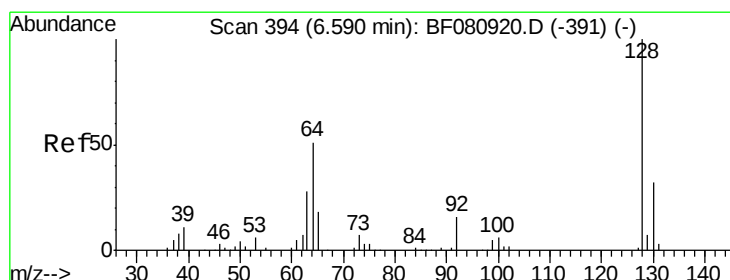
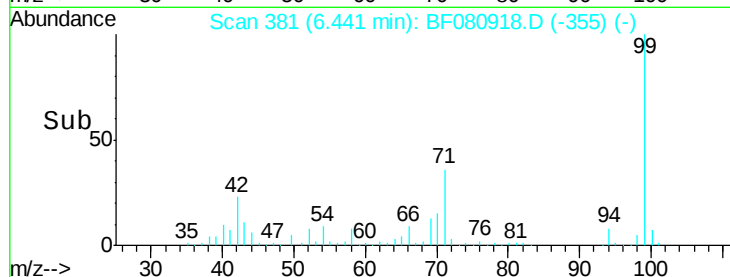
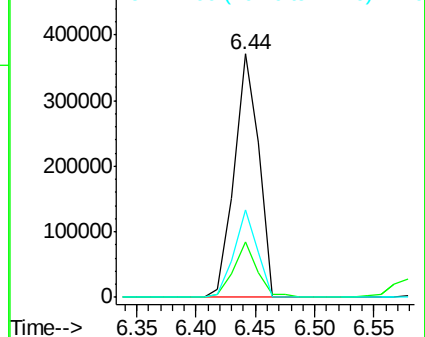
99 100

42 22.6 14.4 21.6#

71 35.8 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: 53.16 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

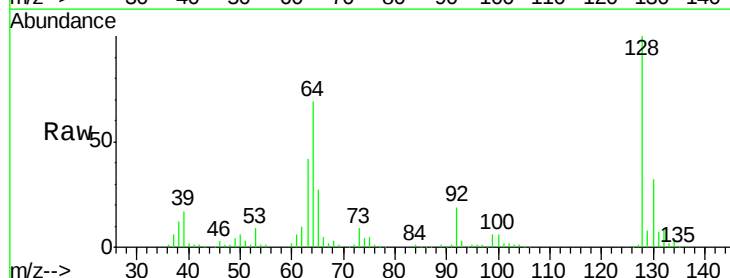
Tgt Ion: 128 Resp: 212685

Ion Ratio Lower Upper

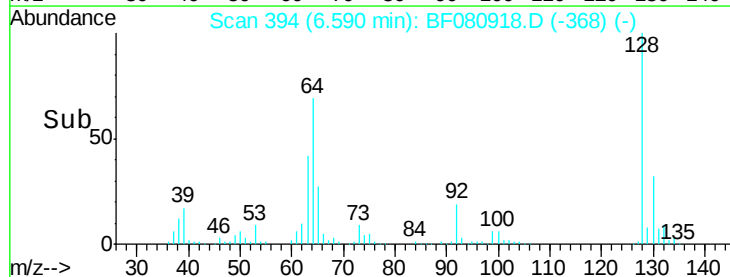
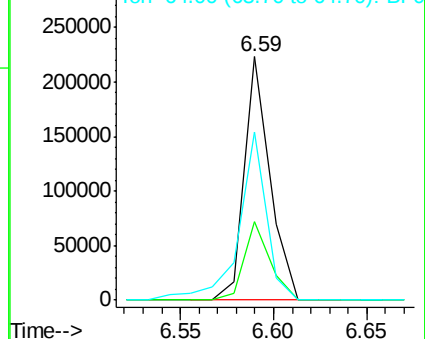
128 100

130 32.4 12.4 52.4

64 69.2 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

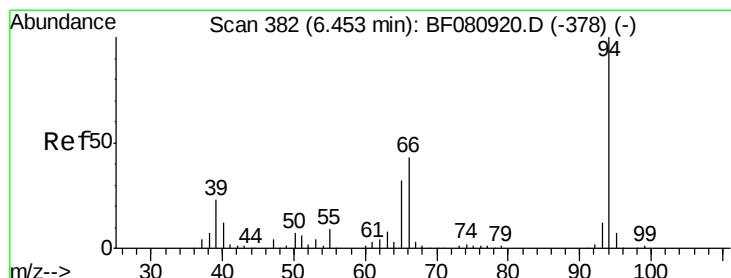
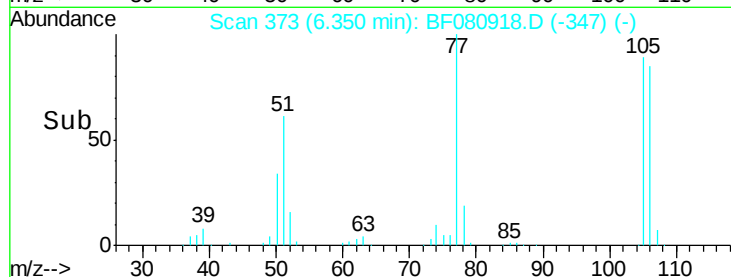
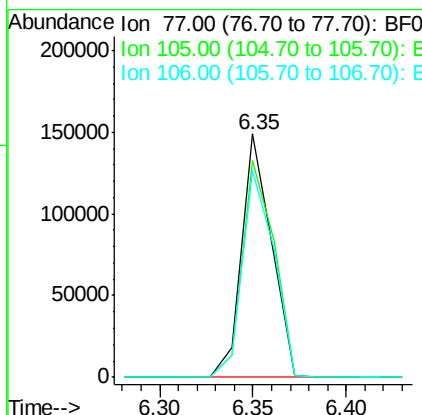
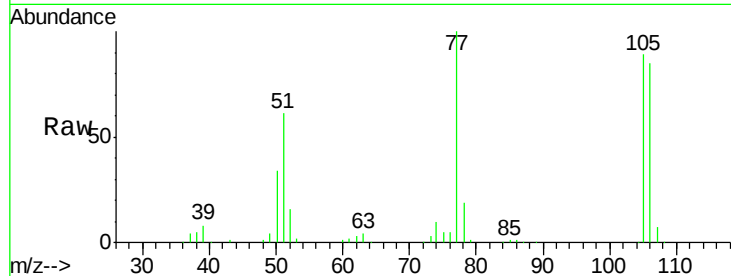




#9
Benzaldehyde
Concen: 51.71 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

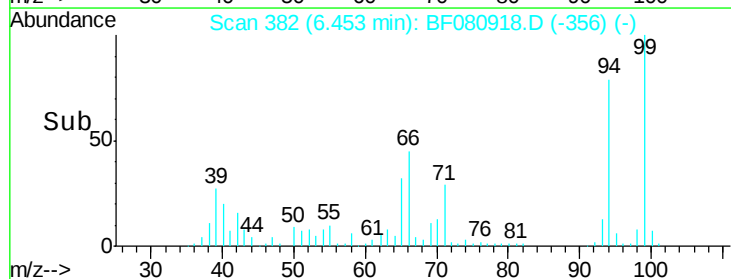
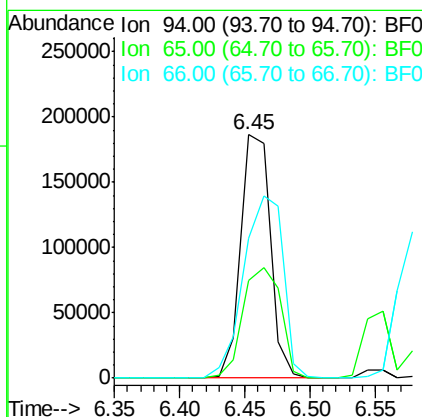
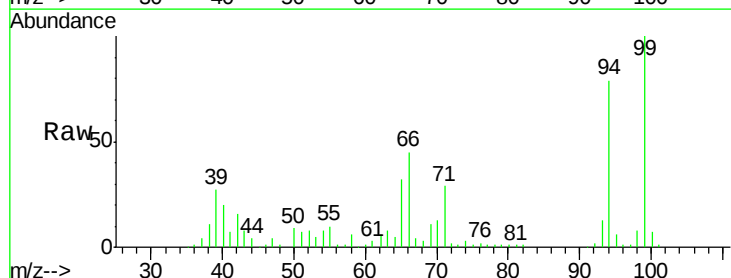
Instrument :
BNA_F
ClientSampleId :

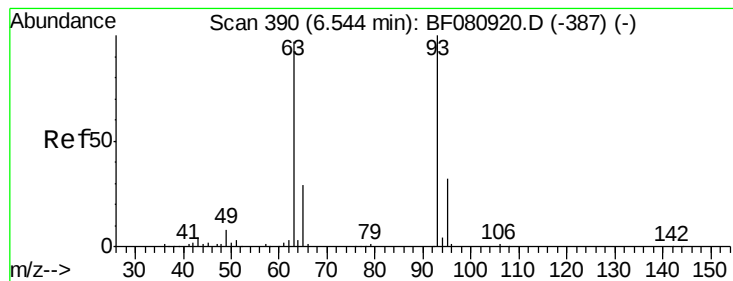
Tot Ion: 77 Resp: 165994
Ion Ratio Lower Upper
77 100
105 88.8 71.6 111.6
106 84.6 65.7 105.7



#10
Phenol
Concen: 52.43 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion: 94 Resp: 294722
Ion Ratio Lower Upper
94 100
65 40.2 11.8 51.8
66 57.4 22.9 62.9

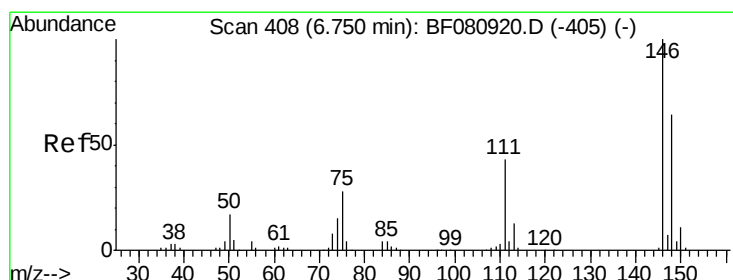
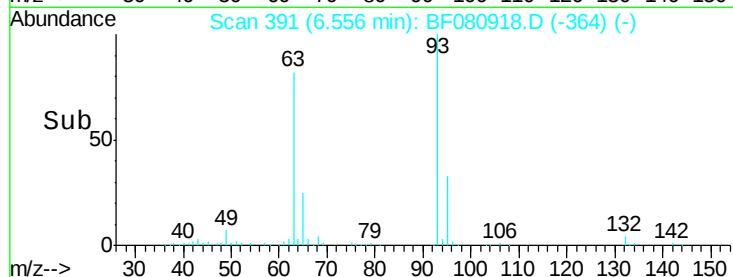
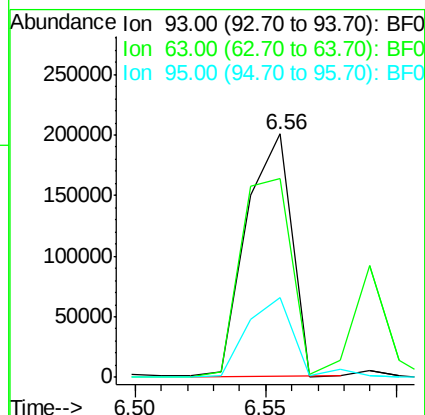
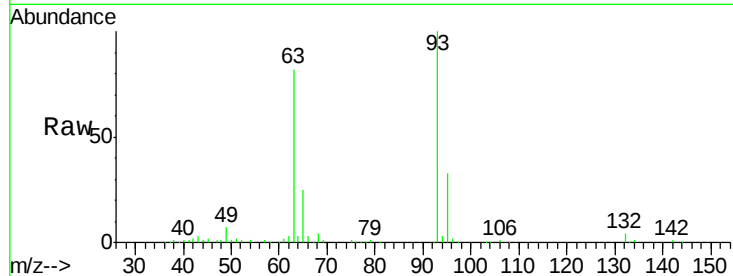




#11
bis(2-Chloroethyl)ether
Concen: 57.73 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

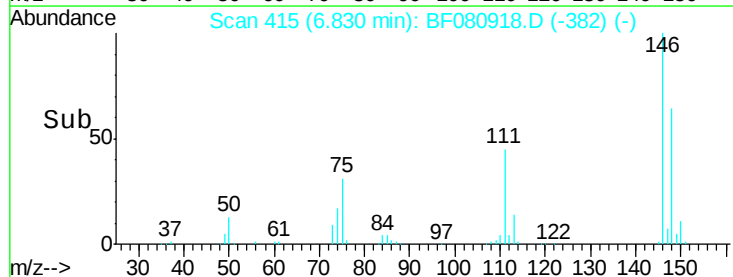
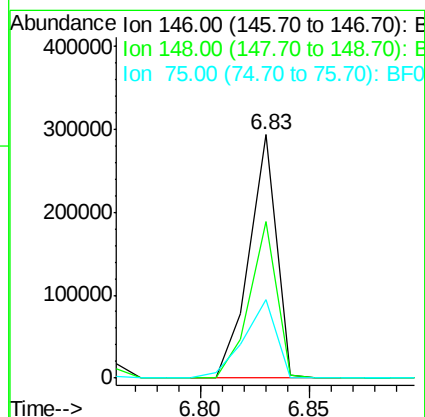
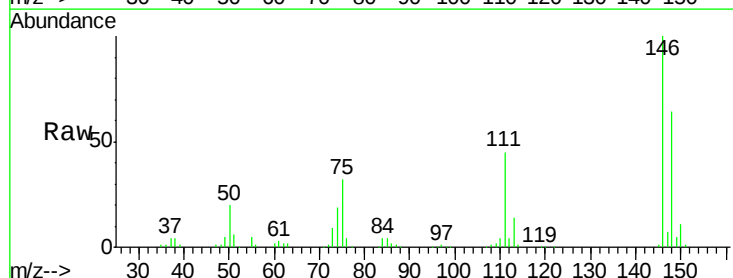
Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 242301
Ion Ratio Lower Upper
93 100
63 81.6 76.7 116.7
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 60.79 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.08 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion: 146 Resp: 258107
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
75 32.1 22.2 33.4

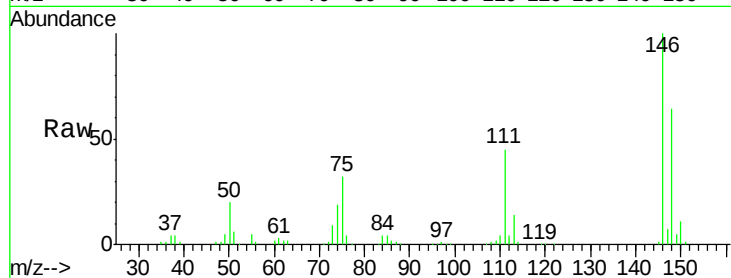




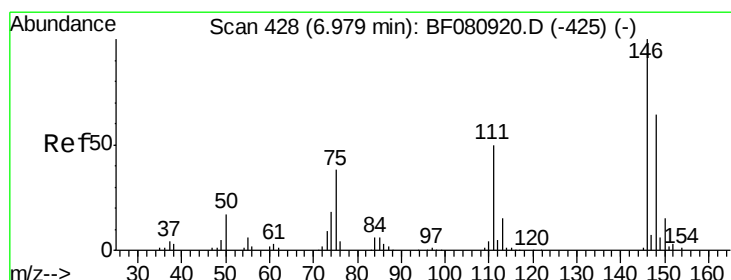
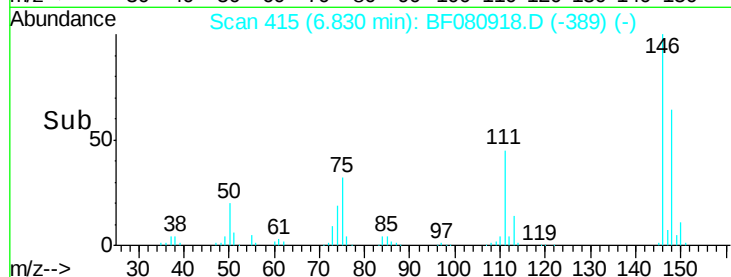
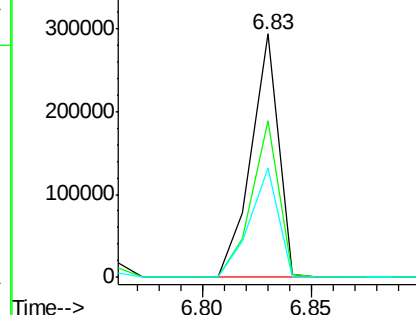
#13
 1,4-Dichlorobenzene
 Concen: 58.50 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 258107
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 44.7 31.5 47.3

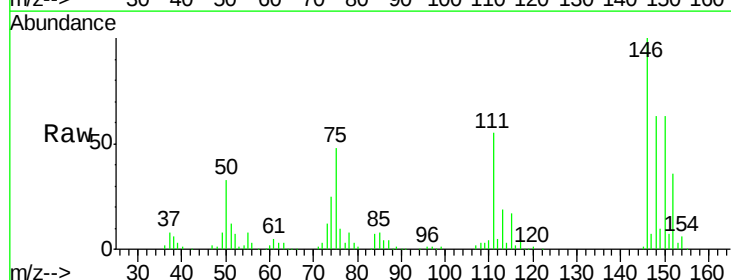


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

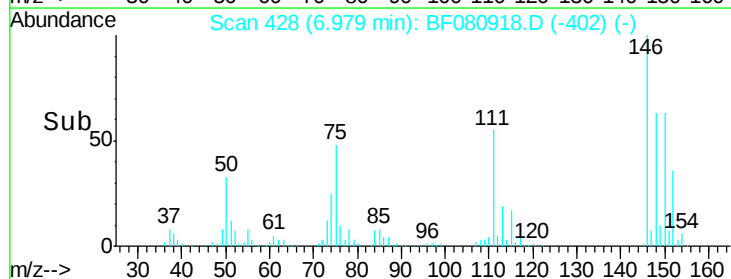
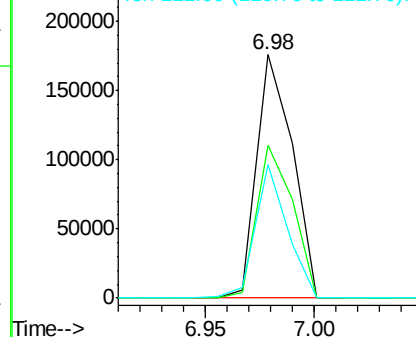


#14
 1,2-Dichlorobenzene
 Concen: 50.50 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:146 Resp: 201408
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.1 76.7
 111 54.9 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: 53.69 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampleId :

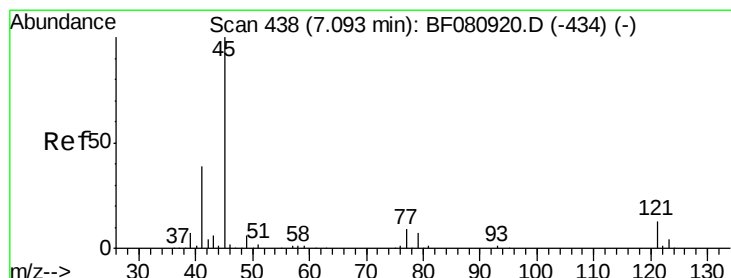
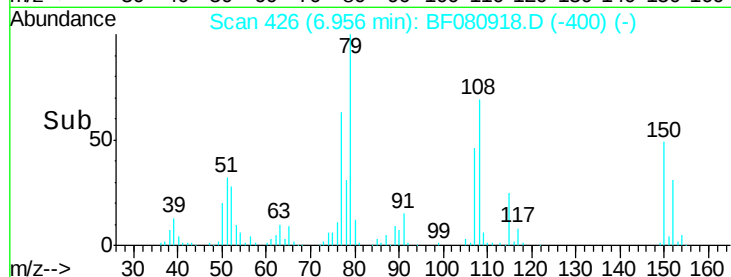
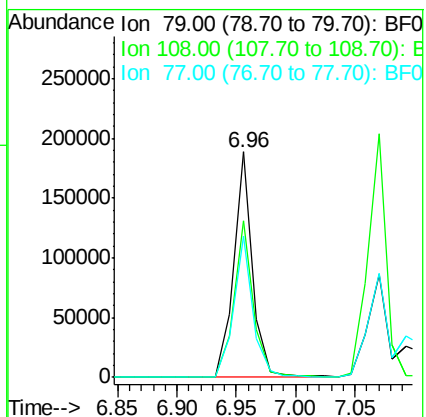
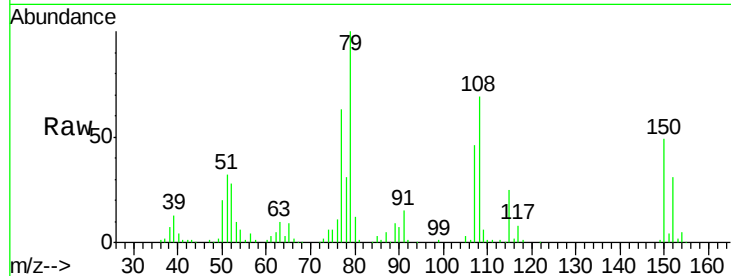
Tot Ion: 79 Resp: 208148

Ion Ratio Lower Upper

79 100

108 69.3 60.9 91.3

77 62.9 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 54.17 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

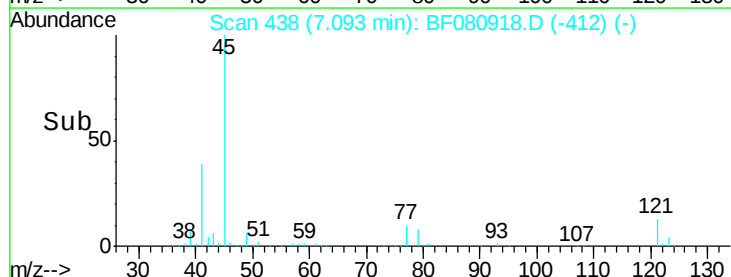
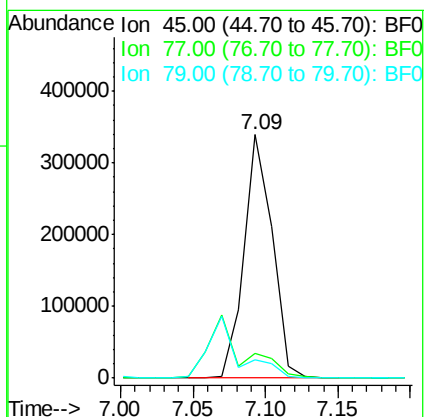
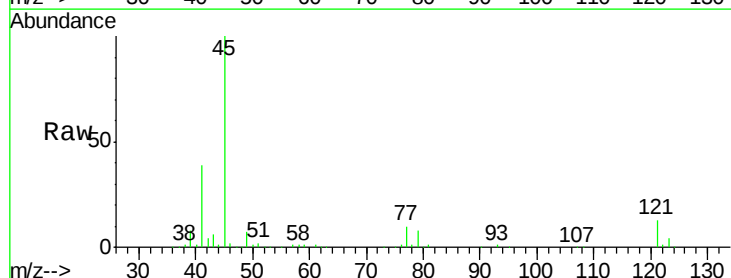
Tgt Ion: 45 Resp: 457433

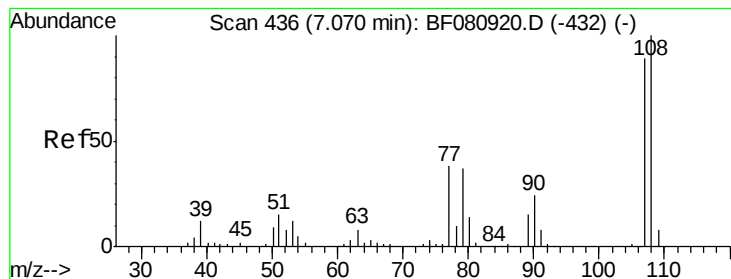
Ion Ratio Lower Upper

45 100

77 10.2 0.0 29.6

79 7.7 0.0 27.7

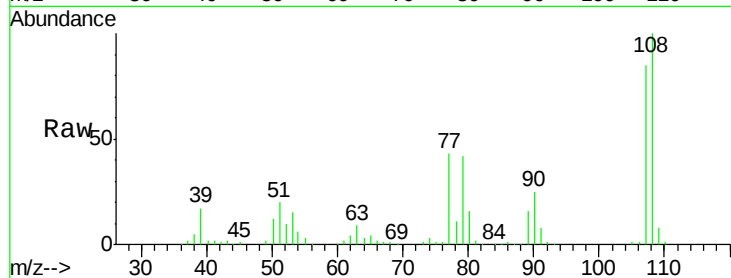




#17
2-Methylphenol
Concen: 53.91 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	184096
Ion	Ratio	Lower	Upper
107	100		
108	117.0	90.3	135.5
77	50.1	34.6	51.8
79	49.6	33.6	50.4



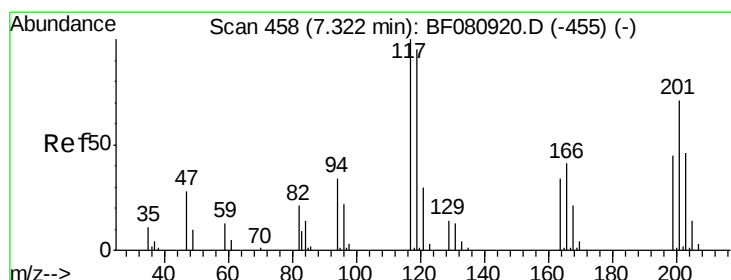
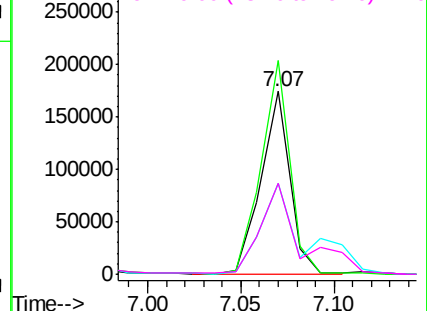
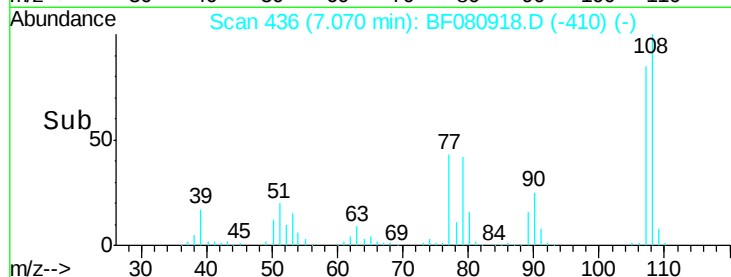
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

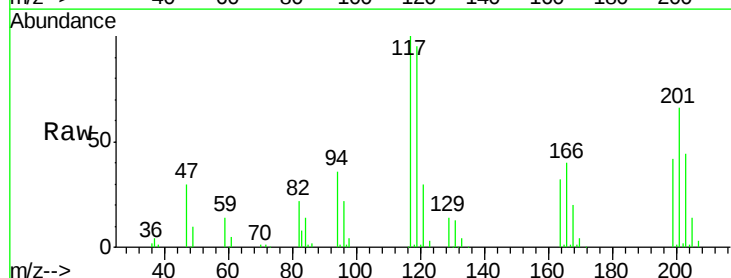
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 55.66 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:	117	Resp:	94081
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.3	114.5
201	66.2	57.0	85.6

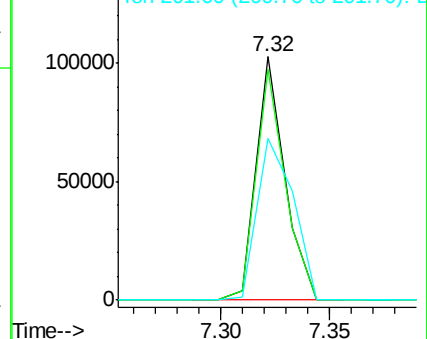
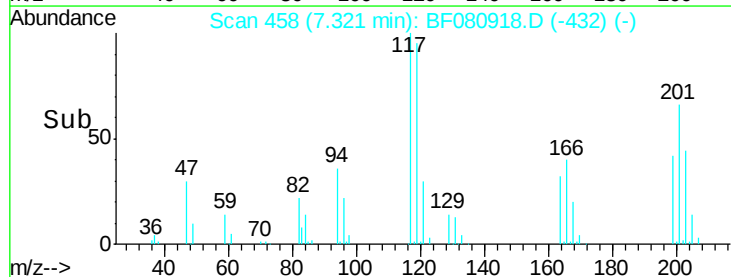


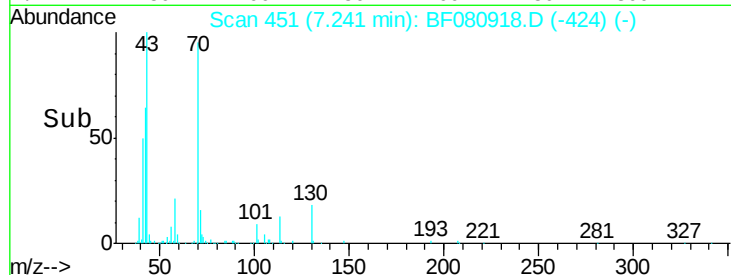
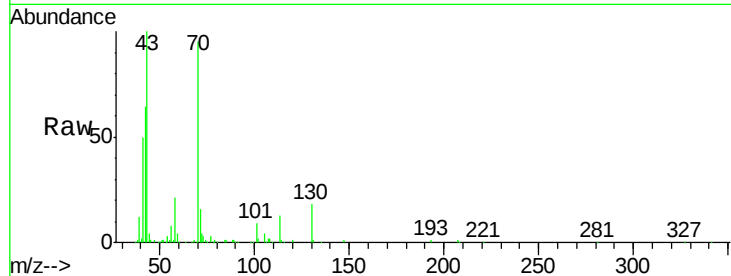
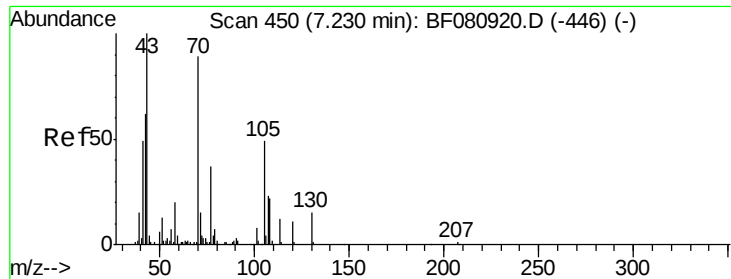
Abundance

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

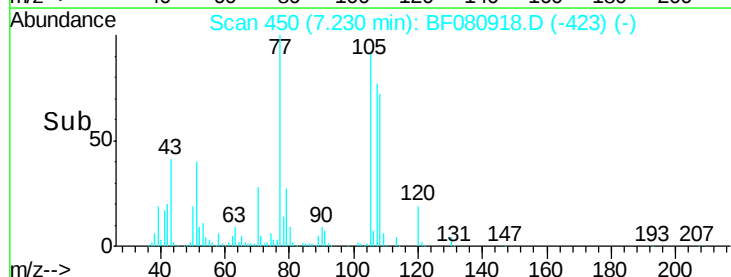
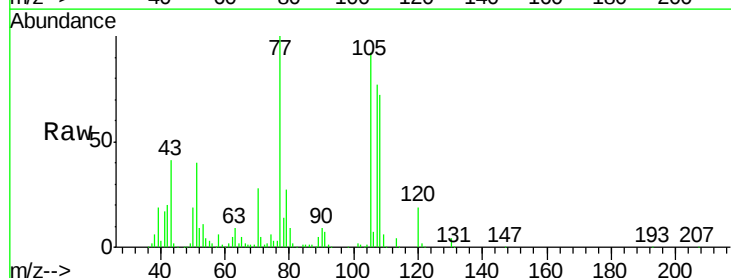
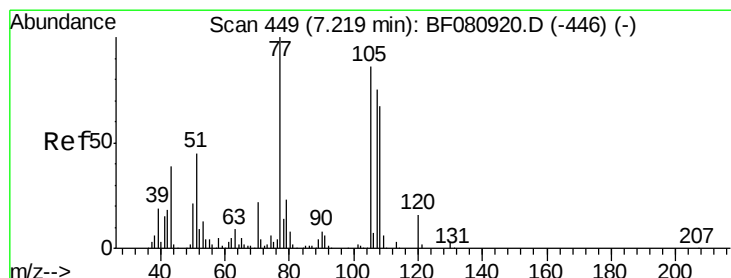
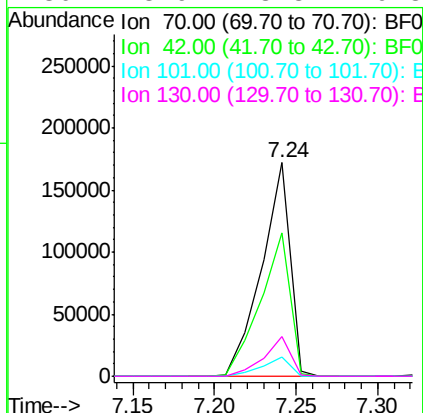




#19
n-Nitroso-di-n-propylamine
Concen: 60.42 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

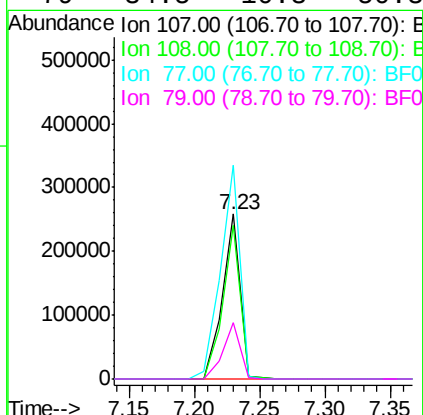
Instrument :
BNA_F
ClientSampleId :

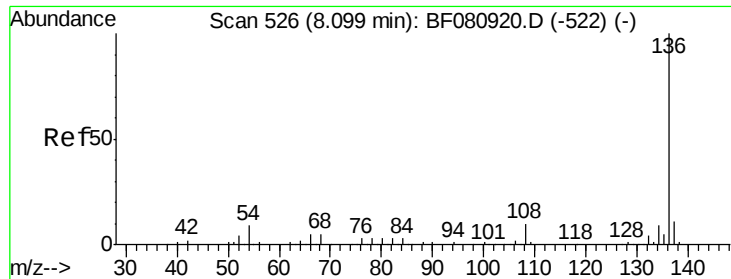
Tot Ion:	70	Resp:	209230
Ion	Ratio	Lower	Upper
70	100		
42	67.1	55.7	83.5
101	9.1	7.0	10.6
130	18.9	13.8	20.8



#20
3+4-Methylphenols
Concen: 57.09 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:	107	Resp:	244909
Ion	Ratio	Lower	Upper
107	100		
108	93.7	69.2	109.2
77	129.8	113.0	153.0
79	34.5	10.3	50.3

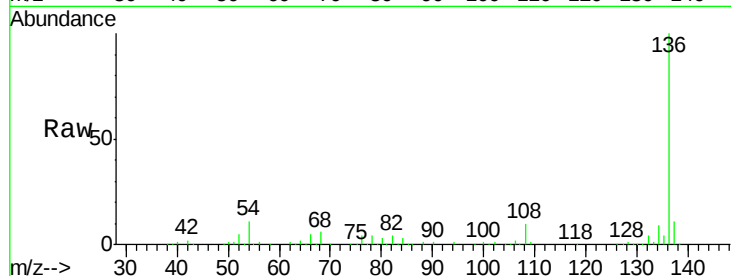




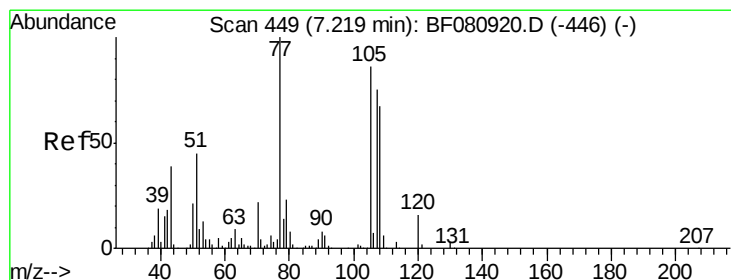
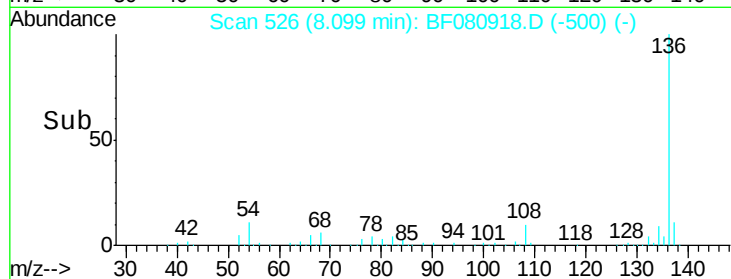
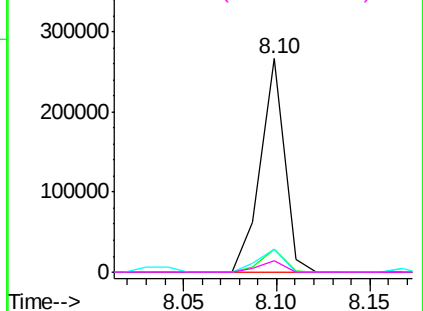
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	236974	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.5	12.7	
54 10.6	7.1	10.7	
68 5.5	3.8	5.8	

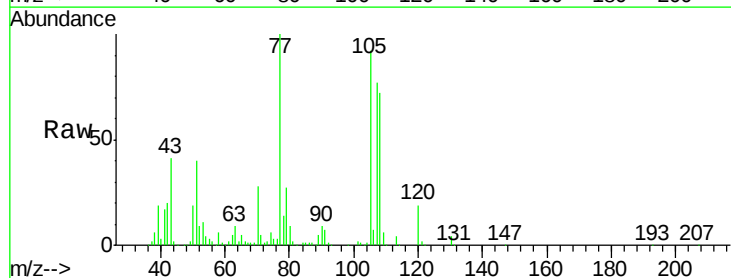


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

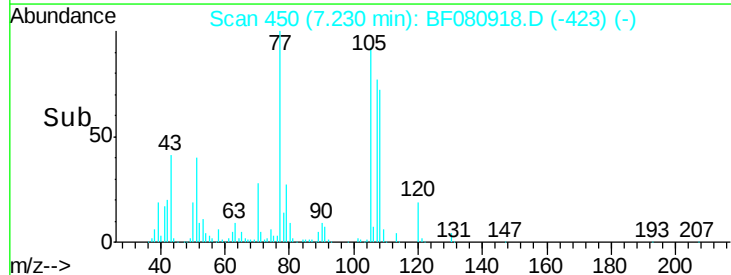
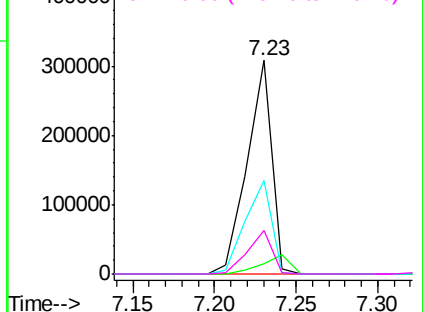


#22
Acetophenone
Concen: 55.40 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt	Ion:105	Resp:	321672
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.3	4.9#
51	43.9	41.8	62.6
120	20.6	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

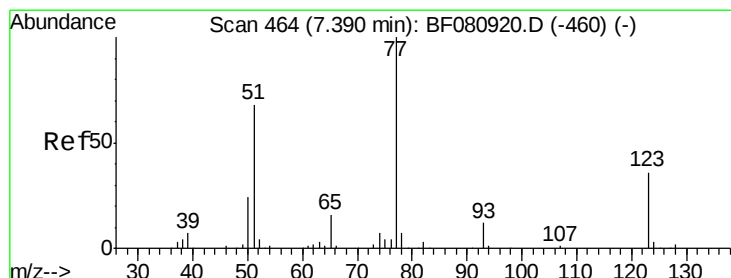
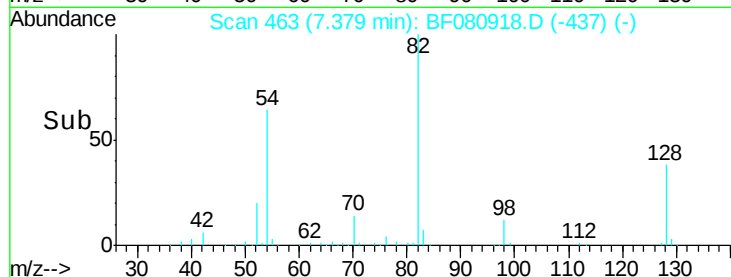
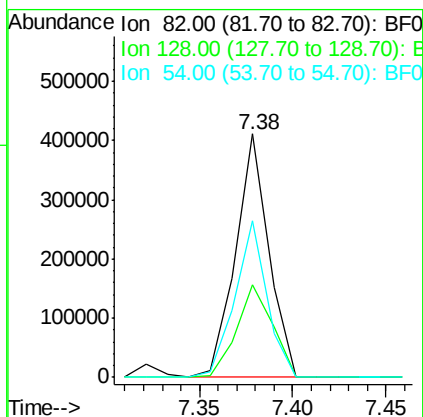
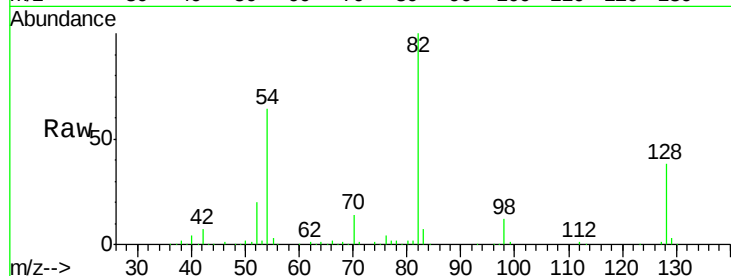




#23
 Nitrobenzene-d5
 Concen: 101.62 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

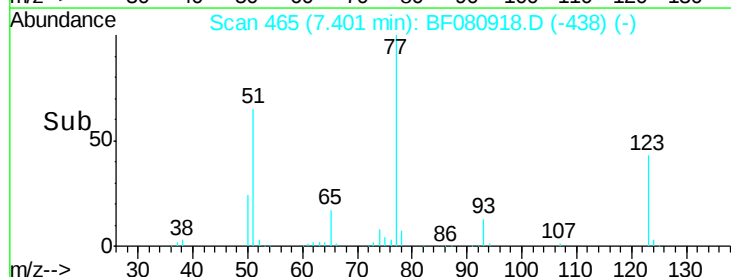
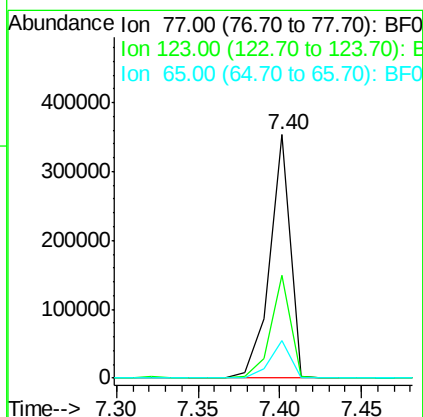
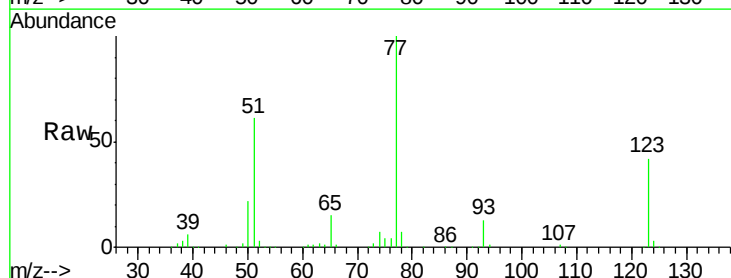
Instrument :
 BNA_F
 ClientSampleId :

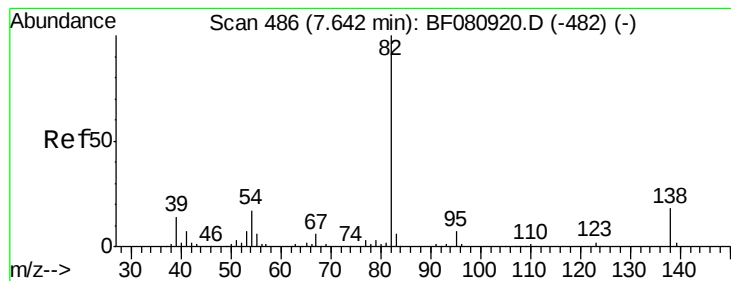
Tot Ion: 82 Resp: 509088
 Ion Ratio Lower Upper
 82 100
 128 38.1 34.1 51.1
 54 64.3 46.5 69.7



#24
 Nitrobenzene
 Concen: 59.85 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion: 77 Resp: 308742
 Ion Ratio Lower Upper
 77 100
 123 42.5 28.7 43.1
 65 15.2 12.5 18.7





#25

Isophorone

Concen: 54.47 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

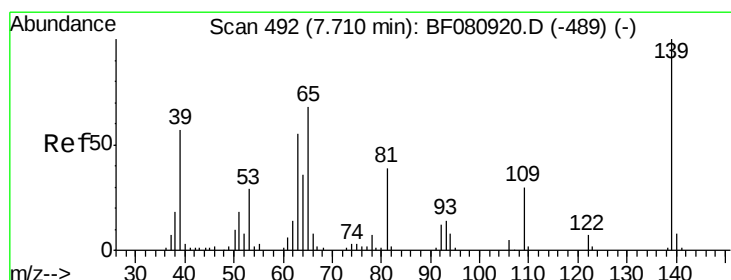
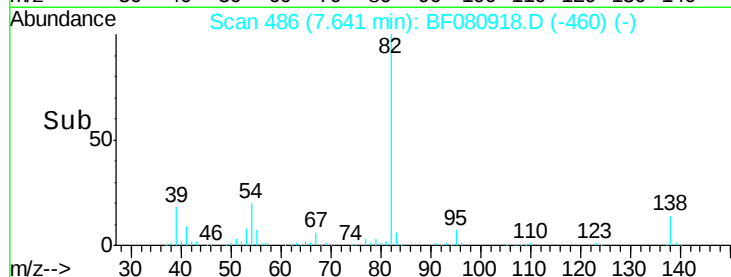
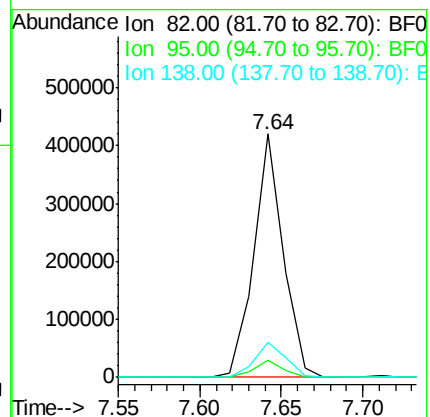
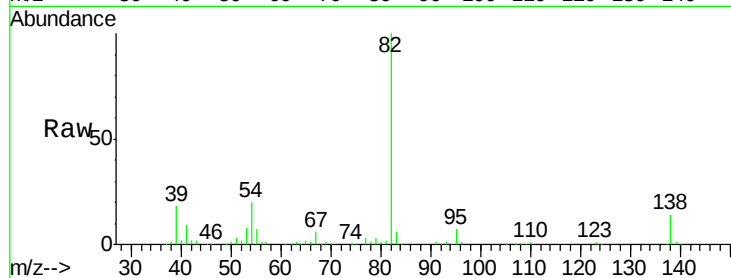
Tot Ion: 82 Resp: 524752

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 14.3 14.1 21.1



#26

2-Nitrophenol

Concen: 52.40 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

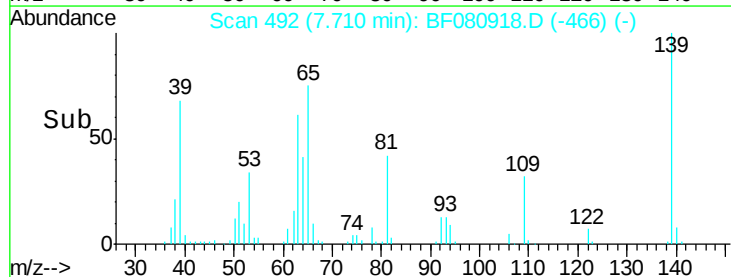
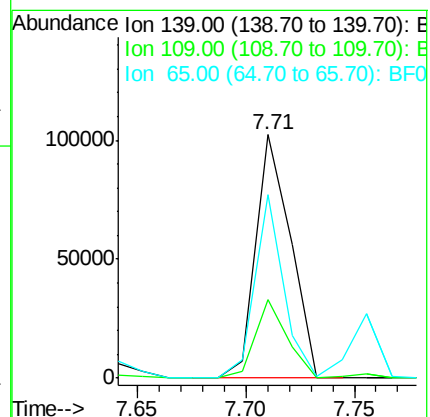
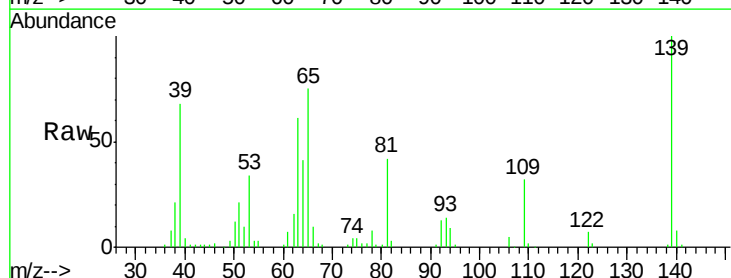
Tgt Ion: 139 Resp: 113738

Ion Ratio Lower Upper

139 100

109 32.1 24.1 36.1

65 75.3 54.0 81.0

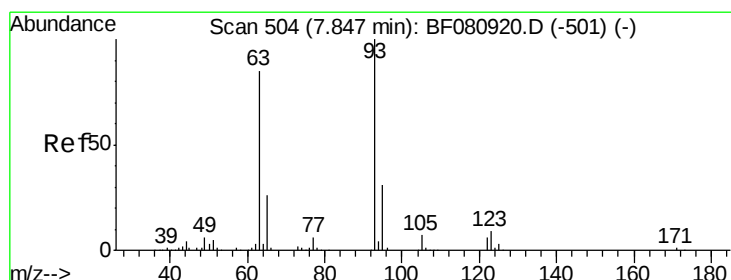
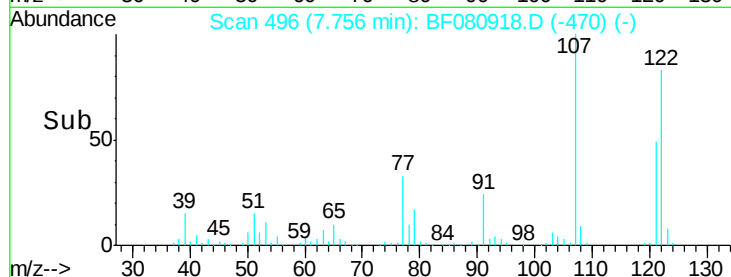
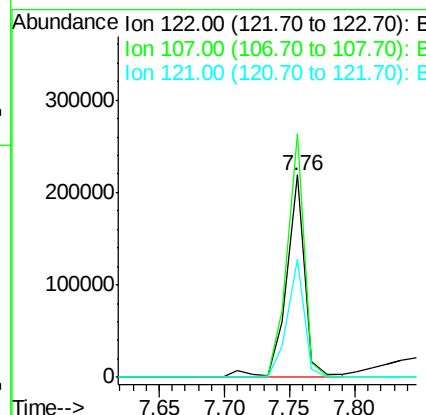
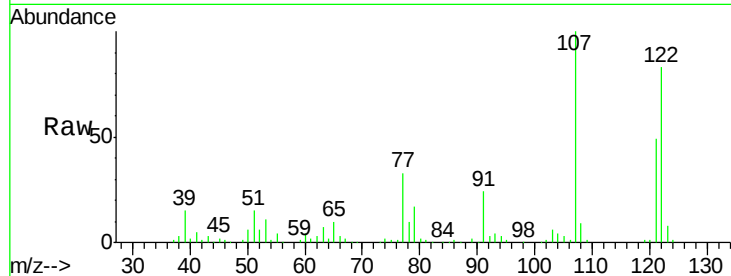




#27
 2,4-Dimethylphenol
 Concen: 53.16 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

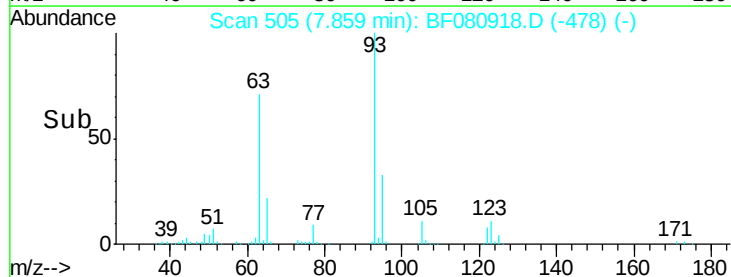
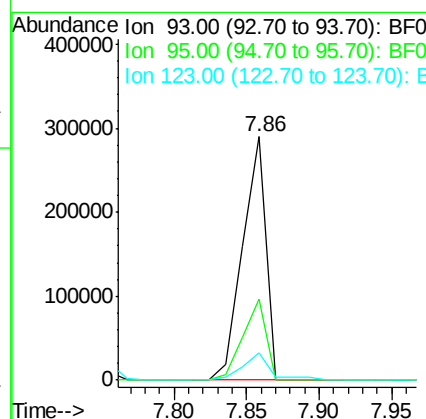
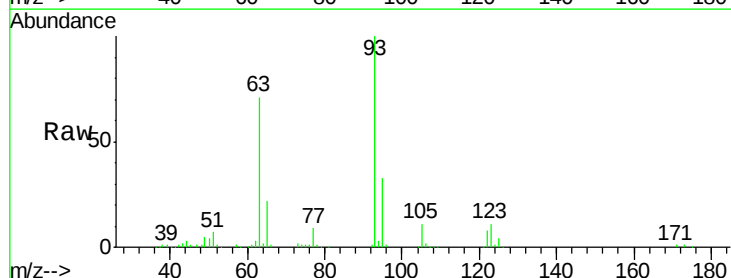
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 216033
 Ion Ratio Lower Upper
 122 100
 107 120.5 90.2 135.4
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.70 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion: 93 Resp: 322167
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.0 37.4
 123 11.1 7.4 11.0#

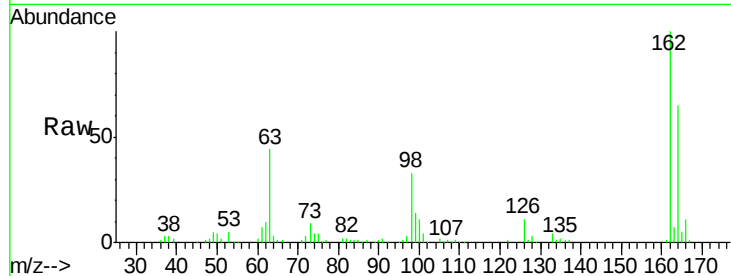




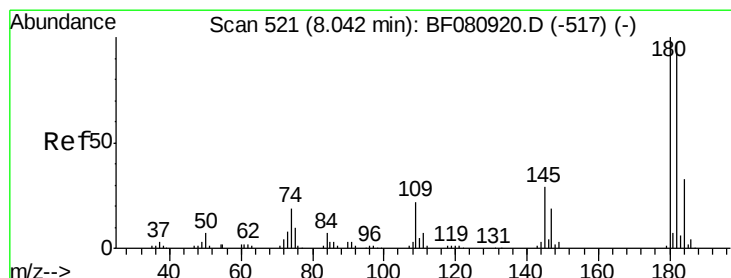
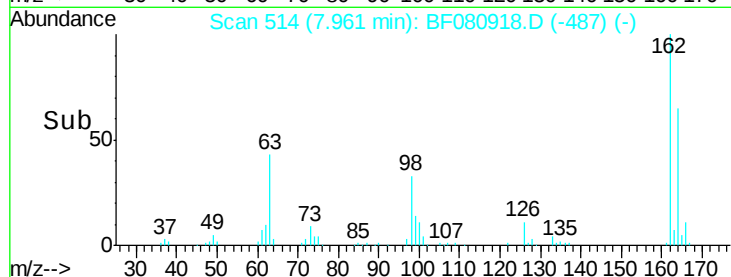
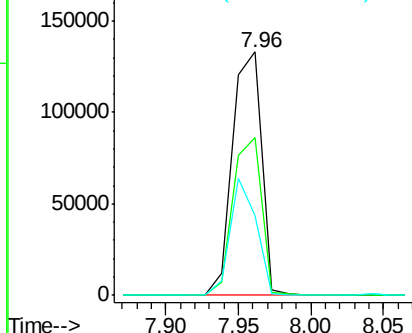
#29
 2,4-Dichlorophenol
 Concen: 55.50 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 185327
 Ion Ratio Lower Upper
 162 100
 164 64.7 42.3 82.3
 98 32.8 27.7 67.7

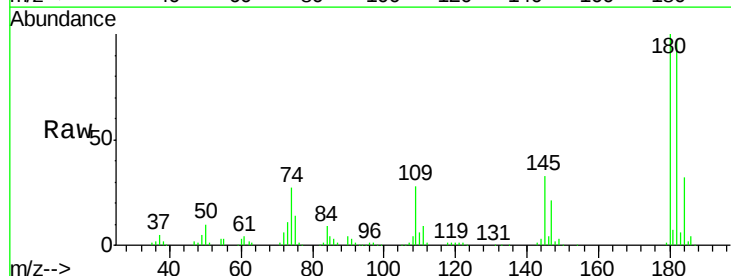


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

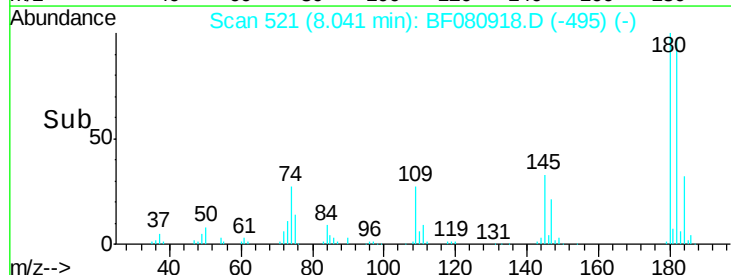
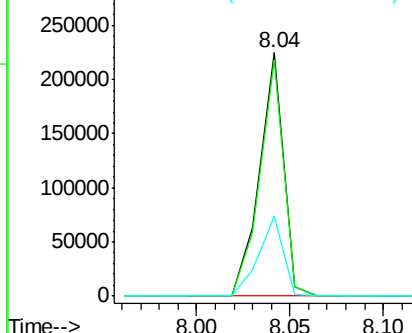


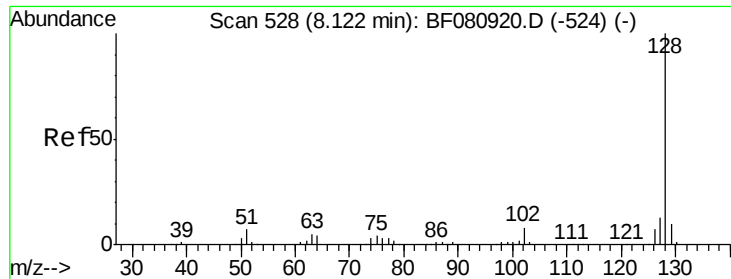
#30
 1,2,4-Trichlorobenzene
 Concen: 55.90 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:180 Resp: 204019
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.4 116.0
 145 32.9 23.2 34.8



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

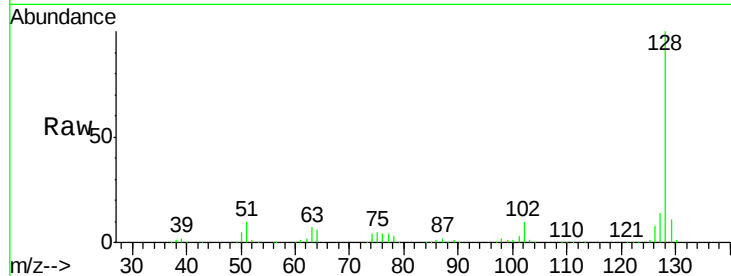




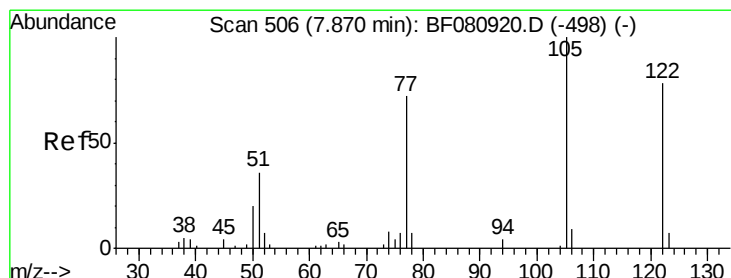
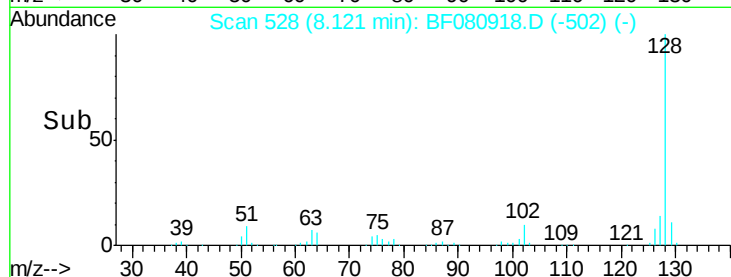
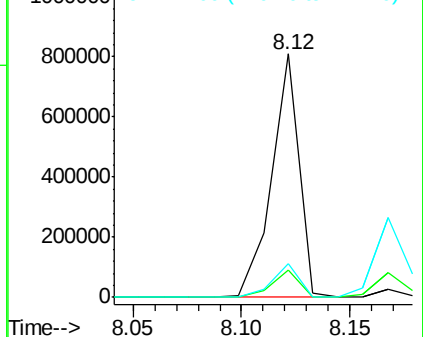
#31
Naphthalene
Concen: 54.75 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 715201
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.6 10.5 15.7

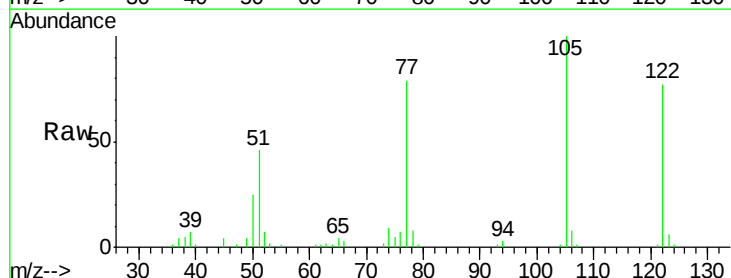


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

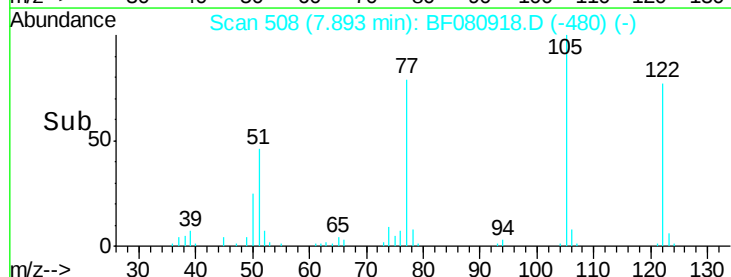
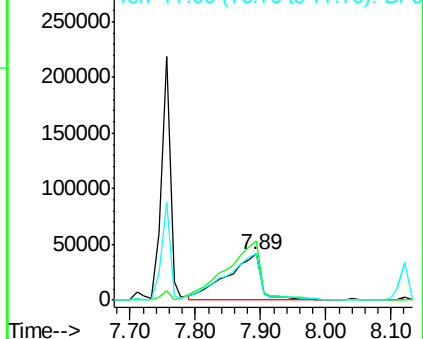


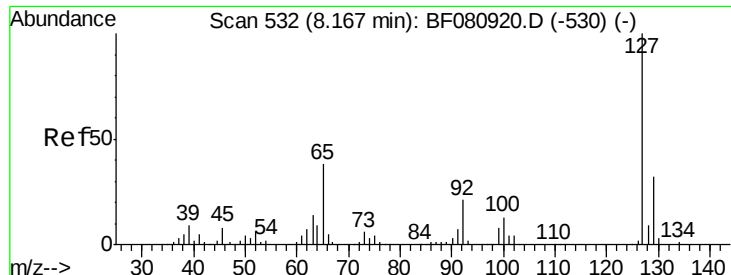
#32
Benzoic acid
Concen: 61.46 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.02 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:122 Resp: 150211
Ion Ratio Lower Upper
122 100
105 129.1 103.6 143.6
77 101.6 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

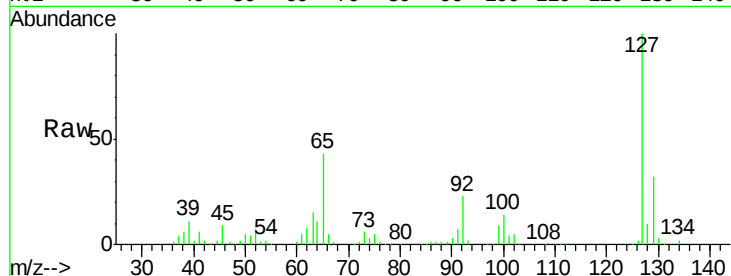




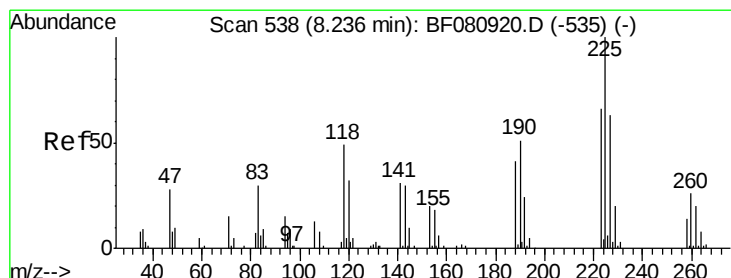
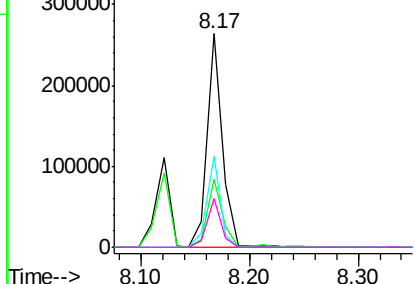
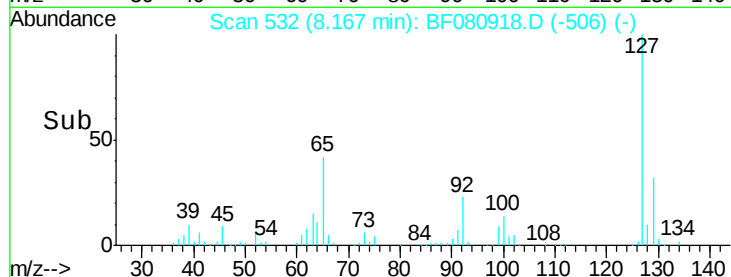
#33
4-Chloroaniline
Concen: 49.26 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	261485
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	42.5	30.6	45.8
92	23.1	16.9	25.3

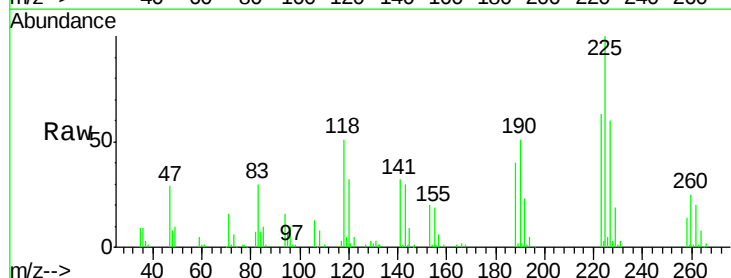


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

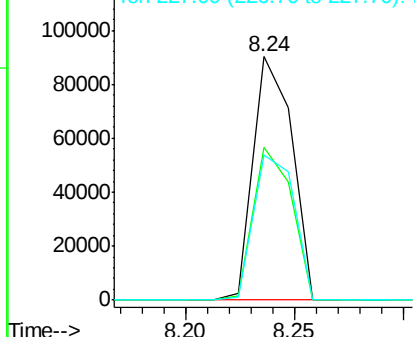
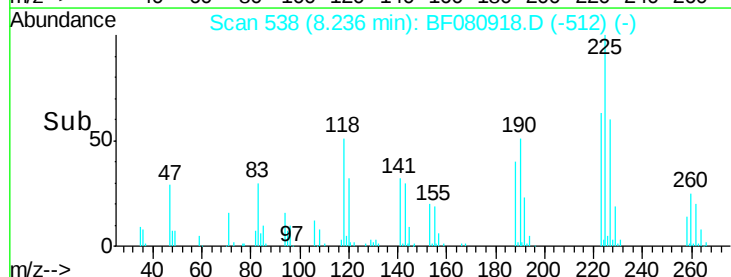


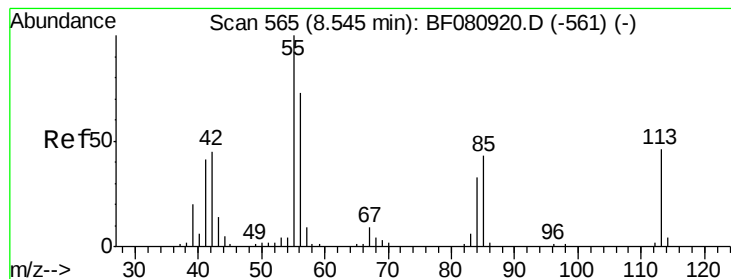
#34
Hexachlorobutadiene
Concen: 51.68 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:	225	Resp:	112229
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.5	78.7
227	59.7	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: 58.23 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

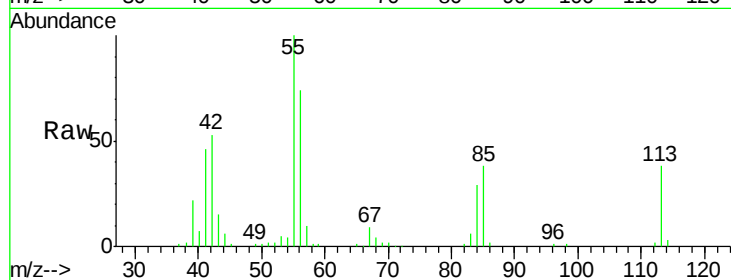
Tot Ion:113 Resp: 67919

Ion Ratio Lower Upper

113 100

55 262.8 196.4 236.4#

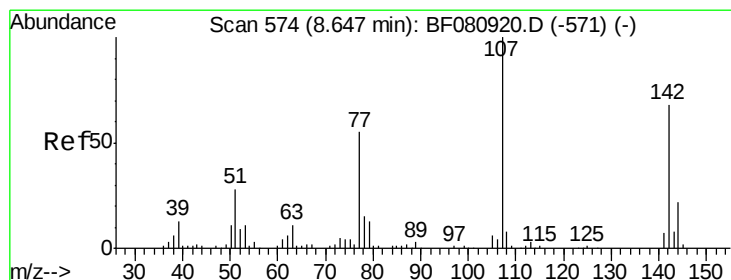
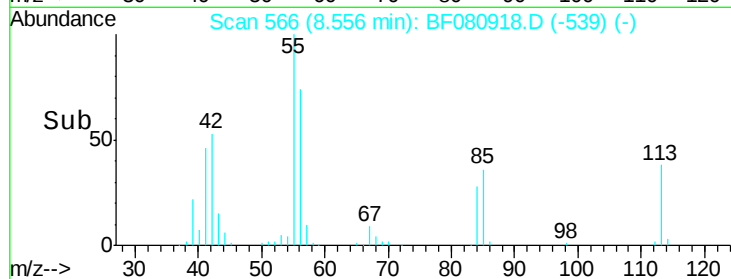
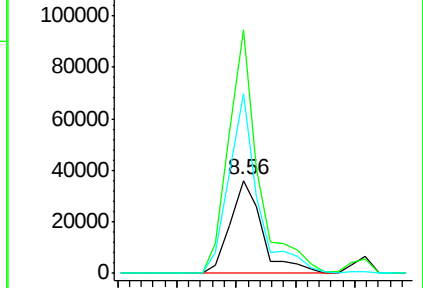
56 193.4 137.9 177.9#



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: 59.09 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

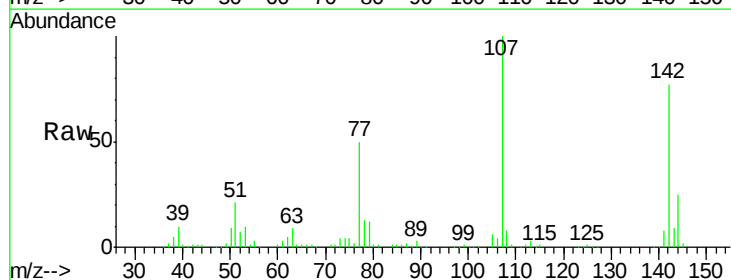
Tgt Ion:107 Resp: 240781

Ion Ratio Lower Upper

107 100

144 24.5 17.3 25.9

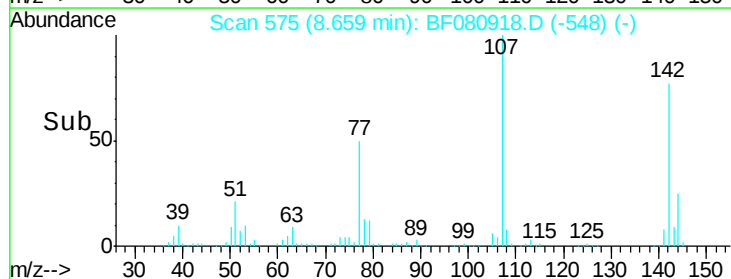
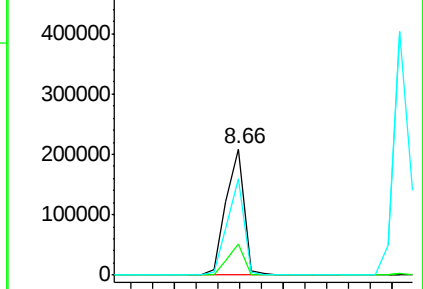
142 76.5 54.4 81.6

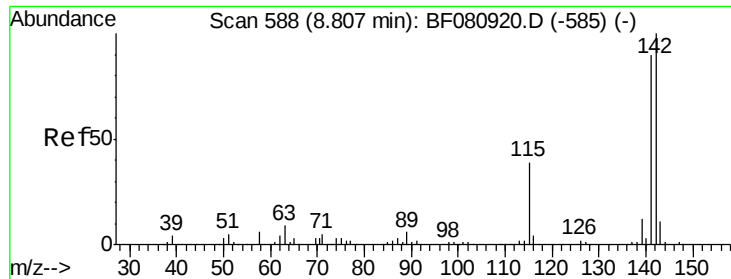


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

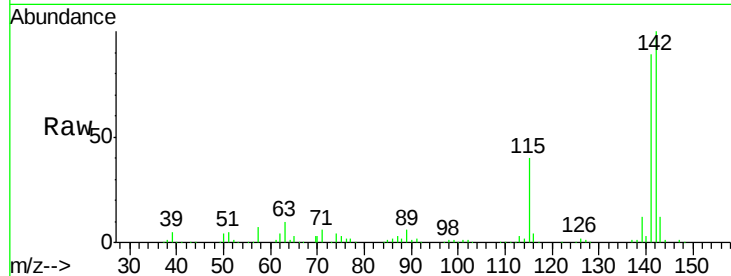




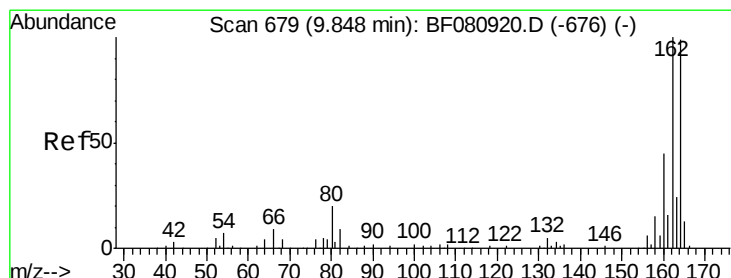
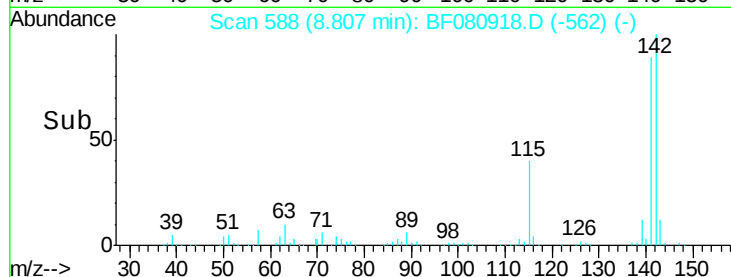
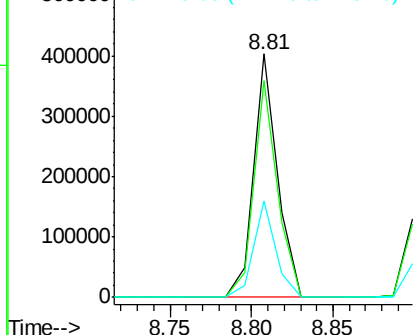
#37
 2-Methylnaphthalene
 Concen: 48.91 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 406655
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.7 107.5
 115 39.7 30.9 46.3

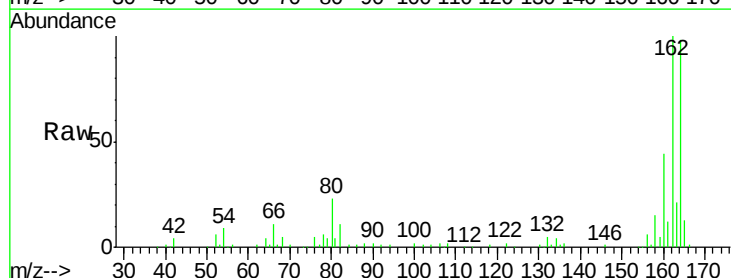


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

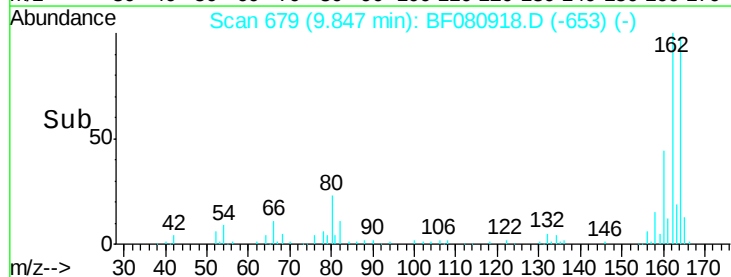
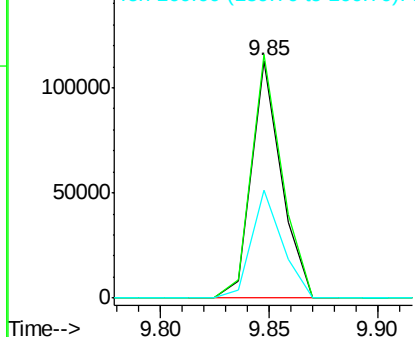


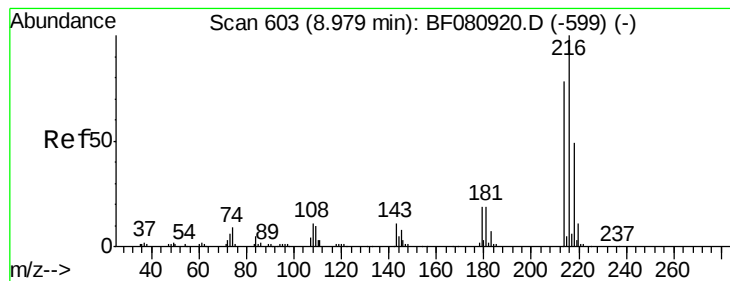
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:164 Resp: 107663
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.5 120.7
 160 45.4 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: 60.61 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 201158

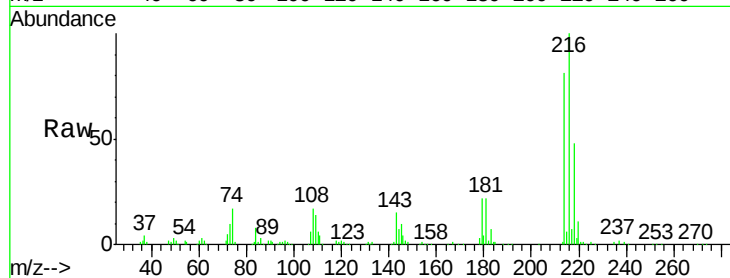
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 23.2 17.2 25.8

108 21.9 16.1 24.1

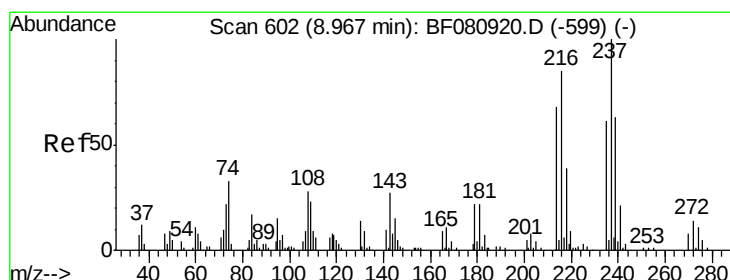
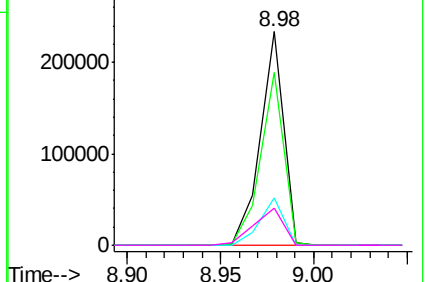
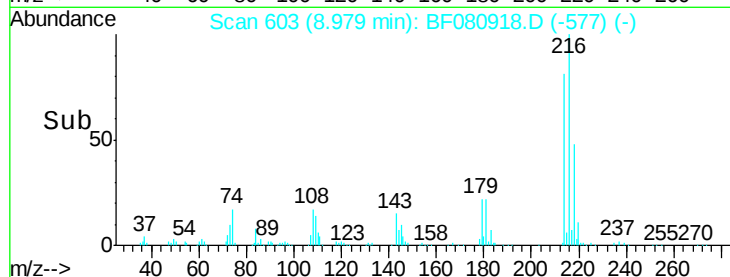


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.94 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

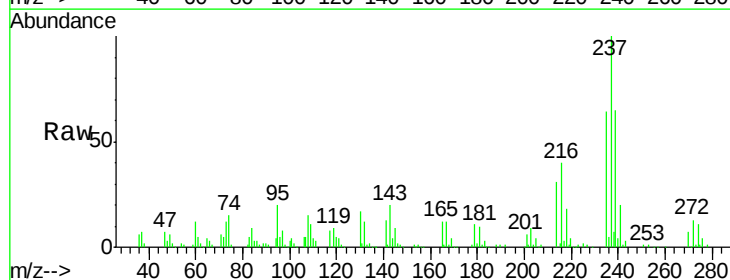
Tgt Ion:237 Resp: 119425

Ion Ratio Lower Upper

237 100

235 64.3 41.3 81.3

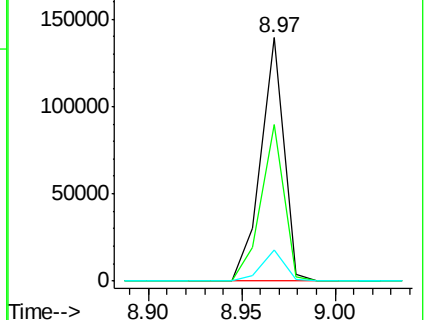
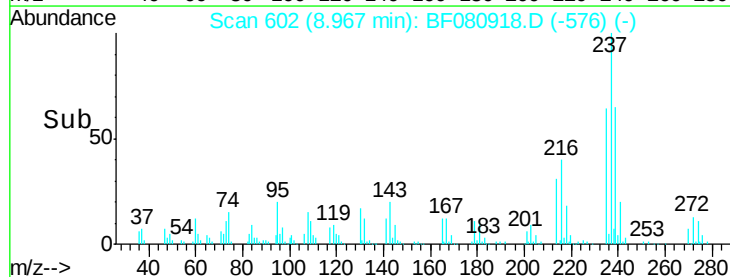
272 13.0 0.0 33.6

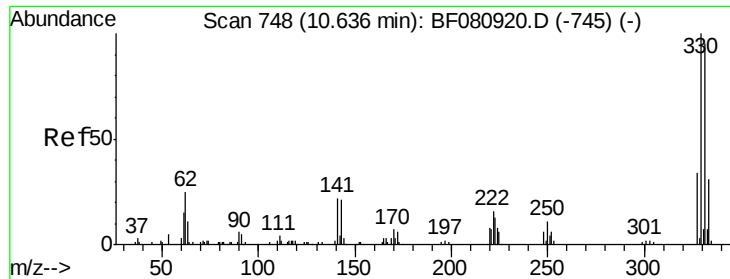


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

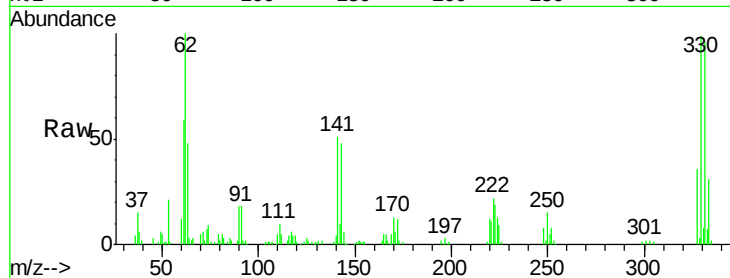




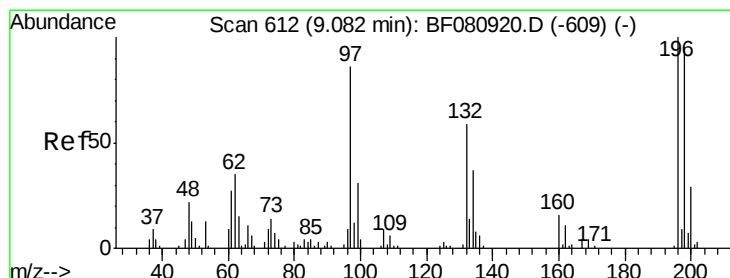
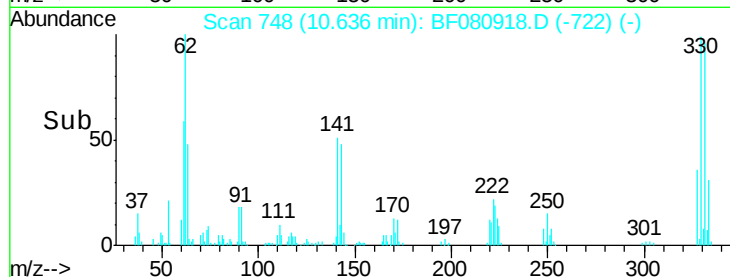
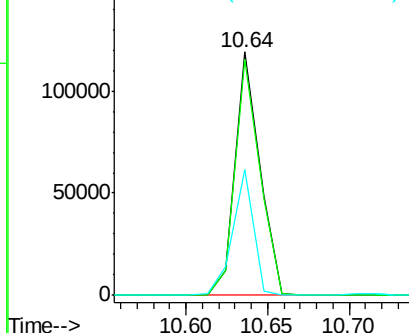
#41
 2,4,6-Tribromophenol
 Concen: 104.95 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	43.1	27.8	41.8

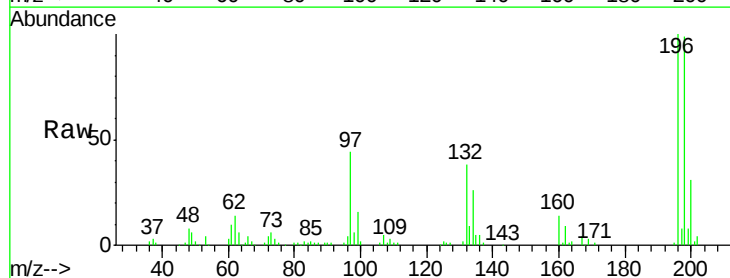


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

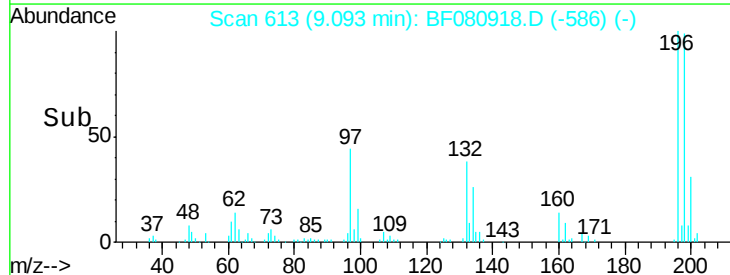
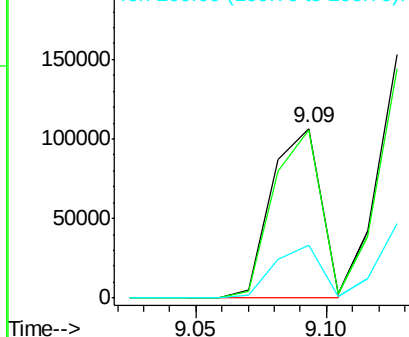


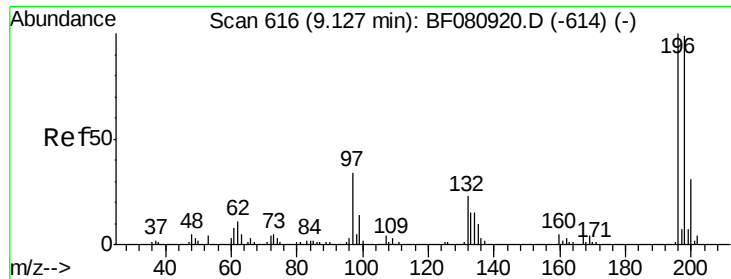
#42
 2,4,6-Trichlorophenol
 Concen: 55.85 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.9	113.9
200	31.5	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

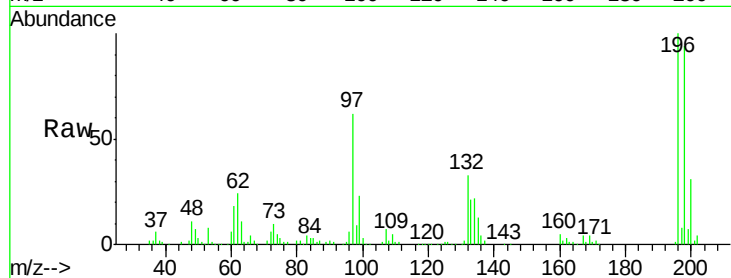




#43
 2,4,5-Trichlorophenol
 Concen: 61.48 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	78.9	118.3
97	61.8	29.1	43.7#
132	32.8	19.1	28.7#



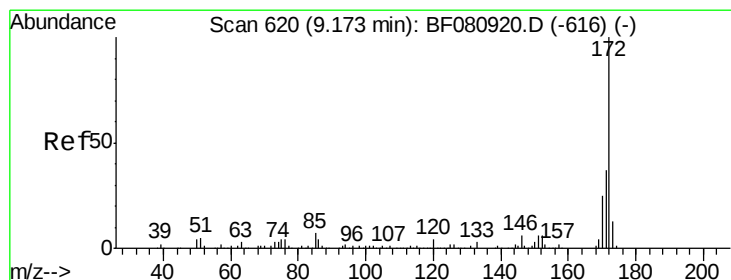
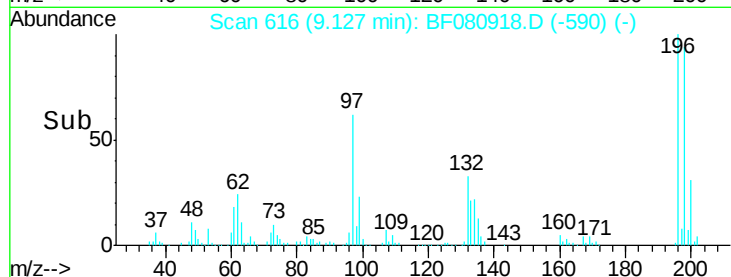
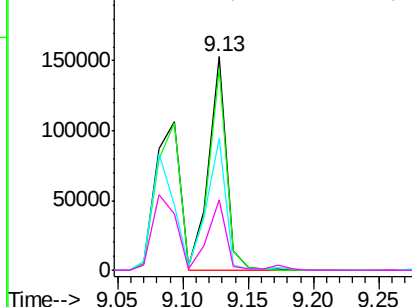
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

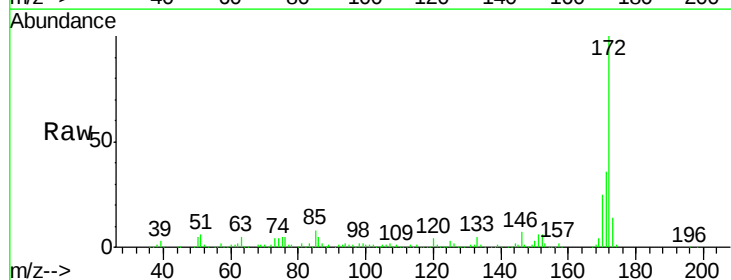
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.96 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.7	19.7	29.5

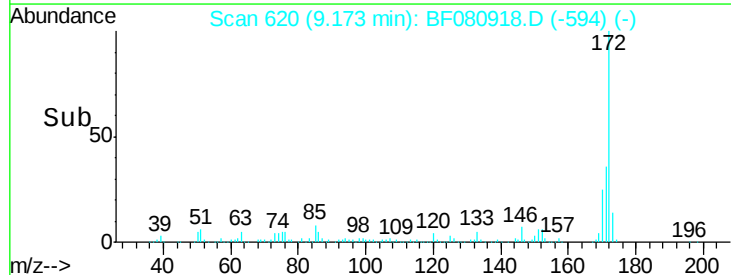
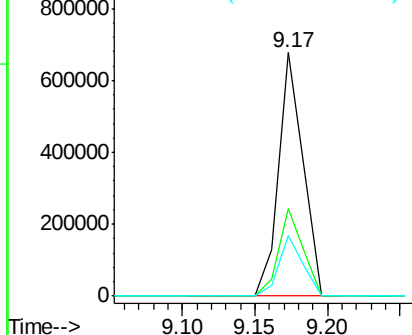


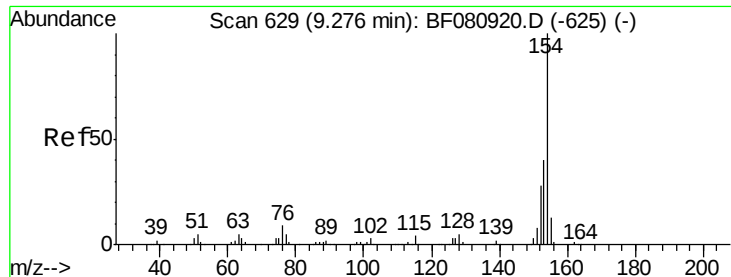
Abundance

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: 56.42 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

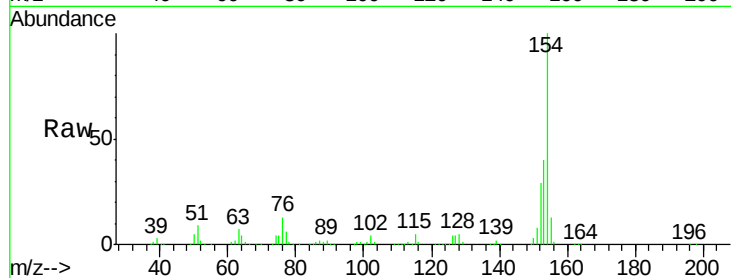
Tot Ion:154 Resp: 521308

Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

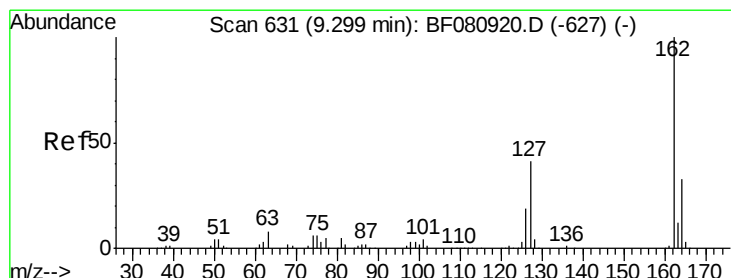
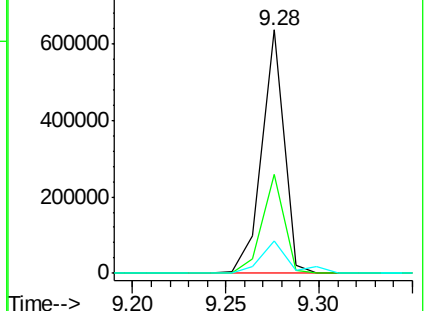
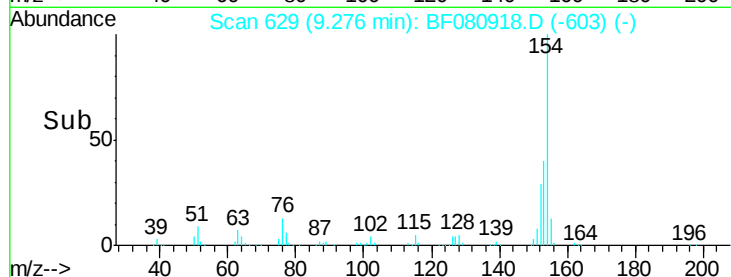
76 13.4 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 55.36 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

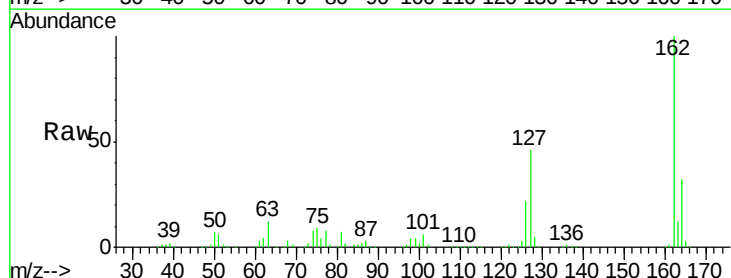
Tgt Ion:162 Resp: 398827

Ion Ratio Lower Upper

162 100

127 46.4 32.5 48.7

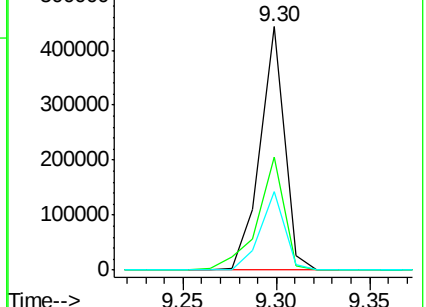
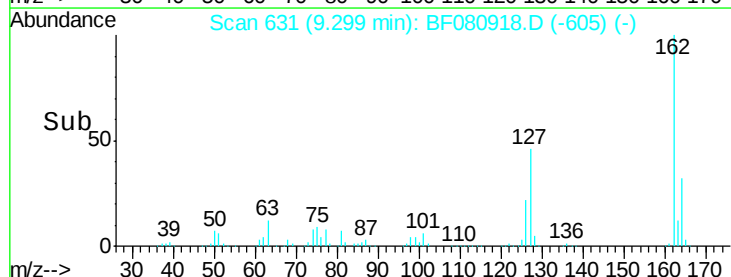
164 32.5 26.2 39.4

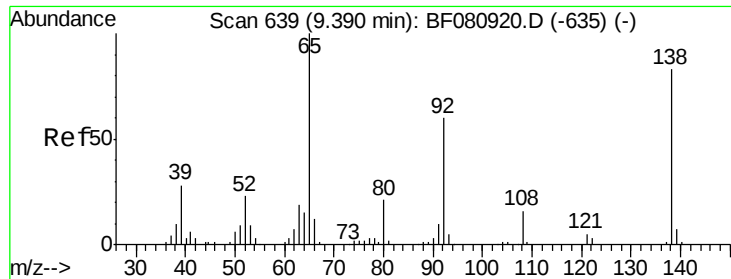


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

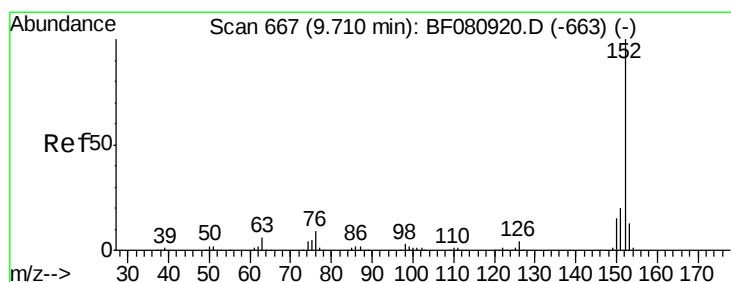
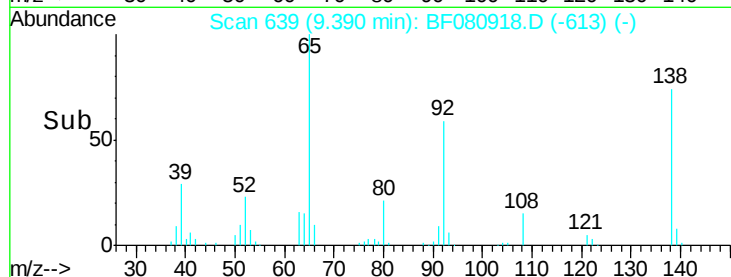
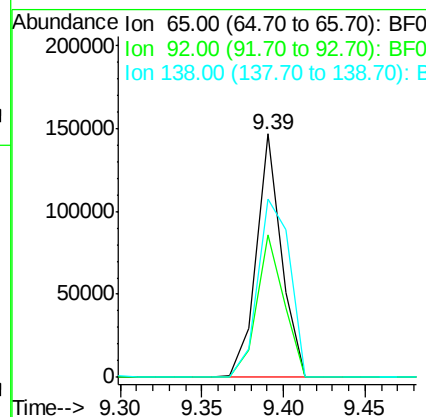
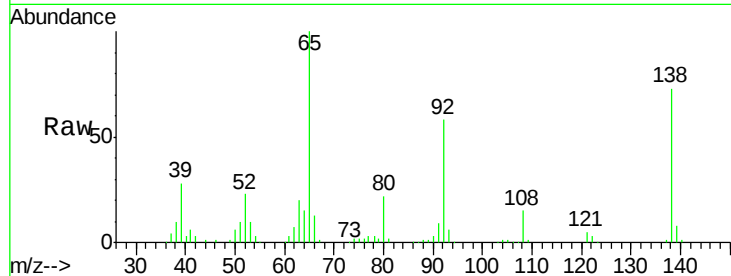




#47
2-Nitroaniline
Concen: 54.32 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

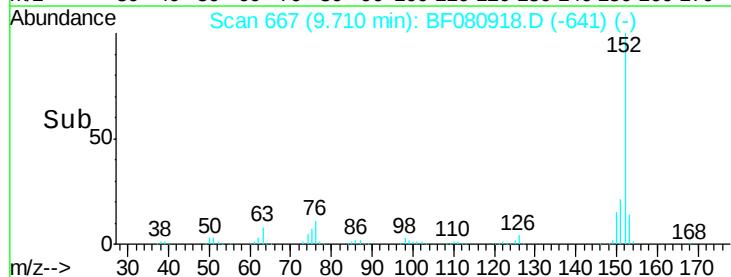
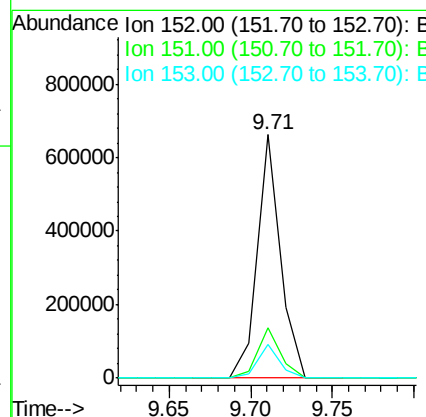
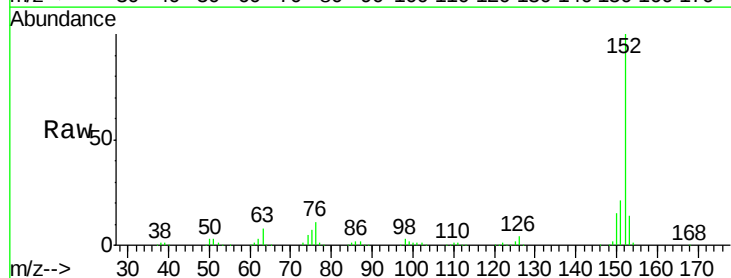
Instrument :
BNA_F
ClientSampleId :

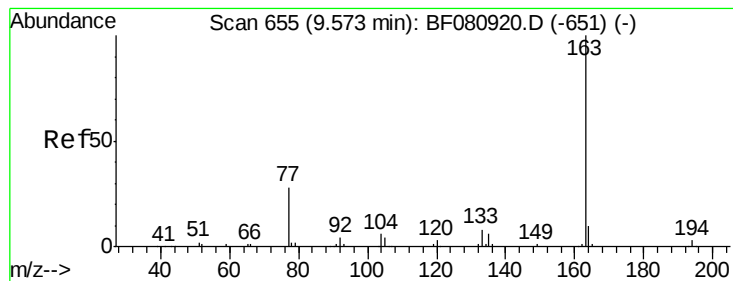
Tot Ion: 65 Resp: 156913
Ion Ratio Lower Upper
65 100
92 58.4 48.0 72.0
138 73.5 66.1 99.1



#48
Acenaphthylene
Concen: 52.18 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion: 152 Resp: 653460
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.6 10.5 15.7





#49

Dimethylphthalate

Concen: 55.74 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

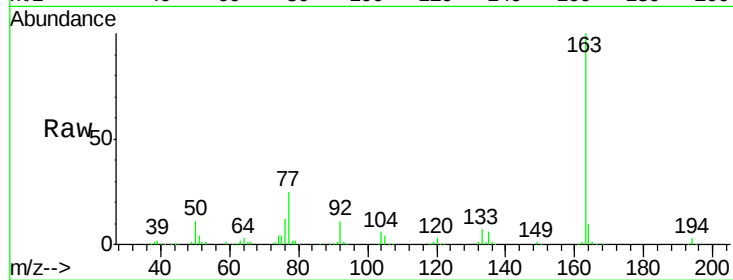
Tot Ion:163 Resp: 498466

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

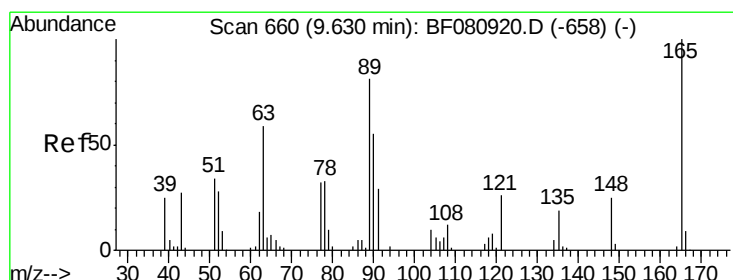
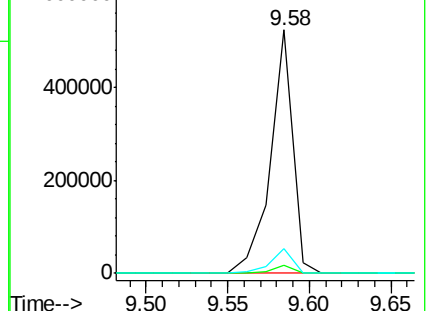
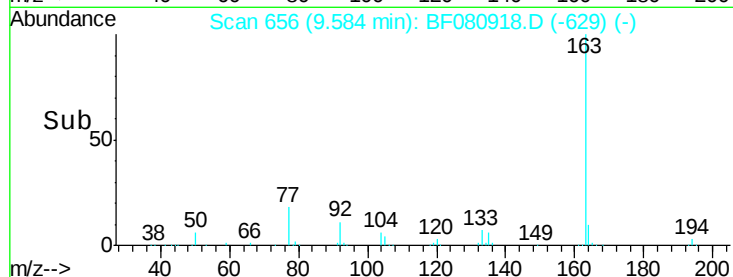
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 59.66 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

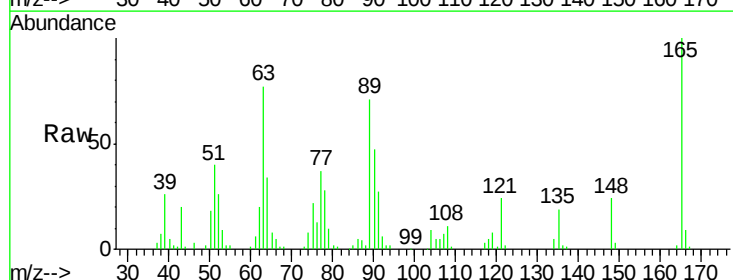
Tgt Ion:165 Resp: 110222

Ion Ratio Lower Upper

165 100

63 76.7 77.6 116.4#

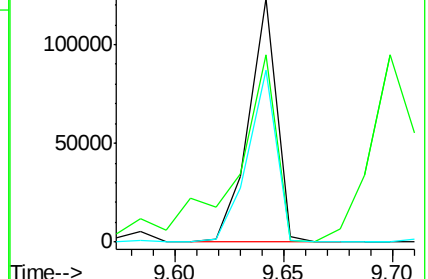
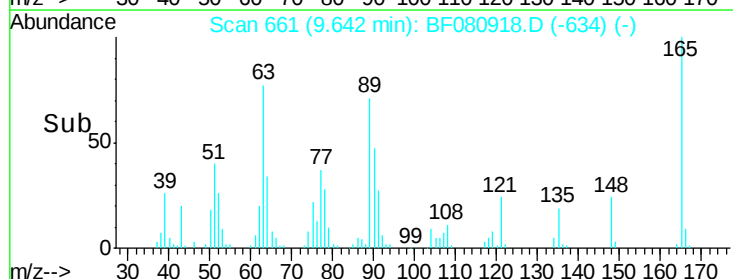
89 70.9 64.5 96.7

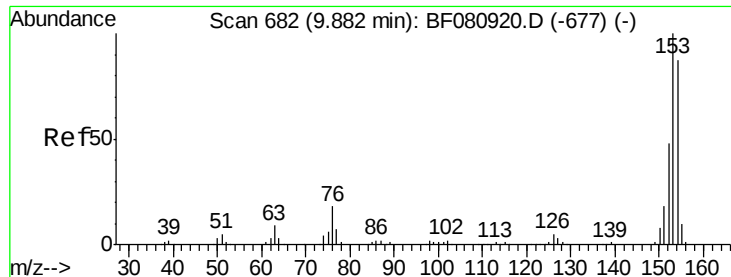


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

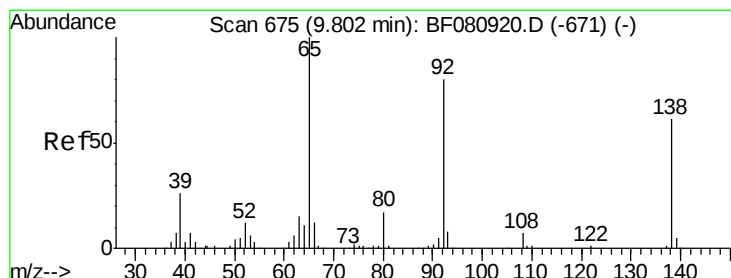
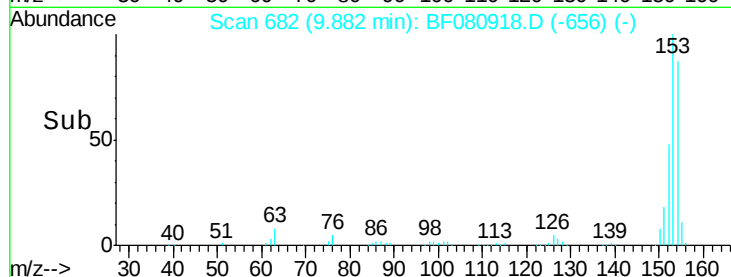
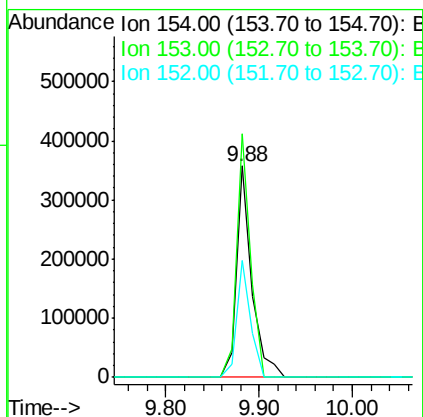
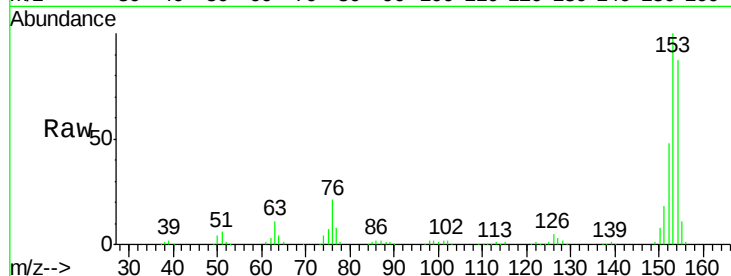




#51
Acenaphthene
Concen: 52.97 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

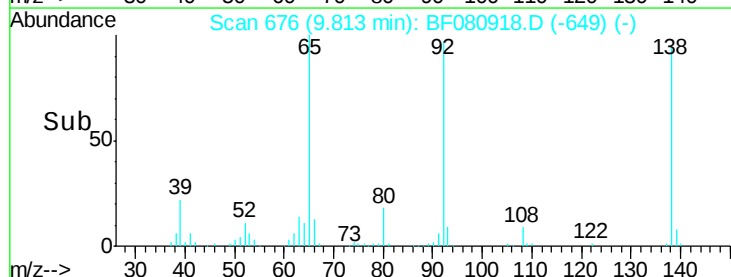
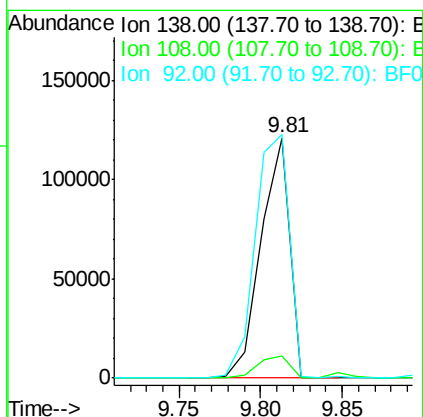
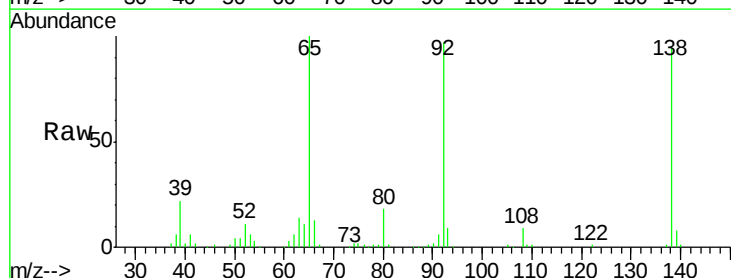
Instrument :
BNA_F
ClientSampleId :

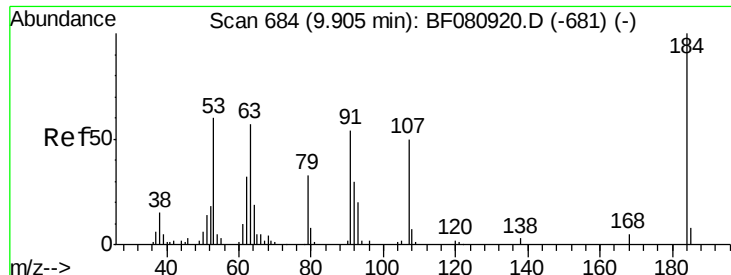
Tot Ion:154 Resp: 406286
Ion Ratio Lower Upper
154 100
153 115.4 91.4 137.2
152 55.4 44.2 66.4



#52
3-Nitroaniline
Concen: 64.97 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:138 Resp: 147984
Ion Ratio Lower Upper
138 100
108 9.2 8.7 13.1
92 101.5 104.4 156.6#

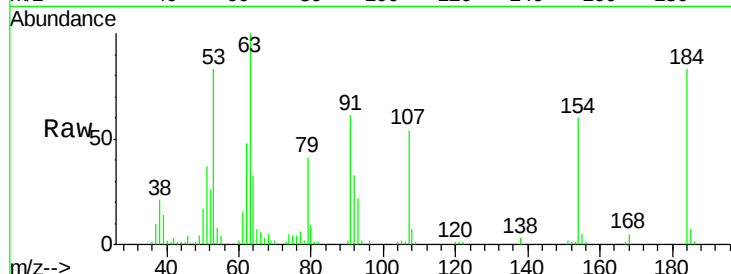




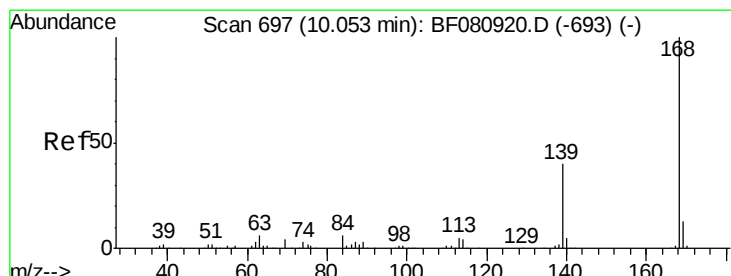
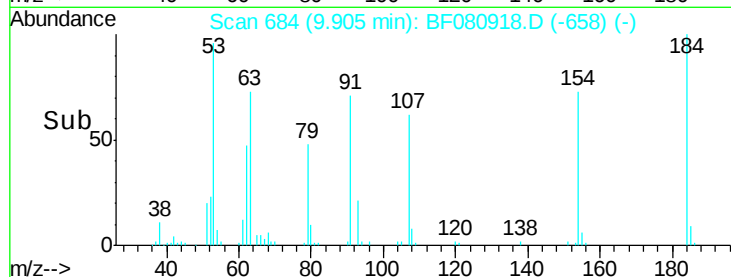
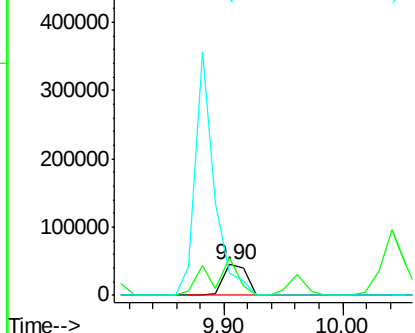
#53
 2,4-Dinitrophenol
 Concen: 63.51 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 61949
 Ion Ratio Lower Upper
 184 100
 63 120.8 59.7 89.5#
 154 73.0 53.8 80.8

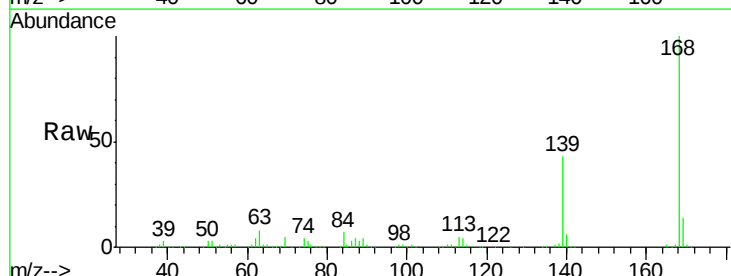


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

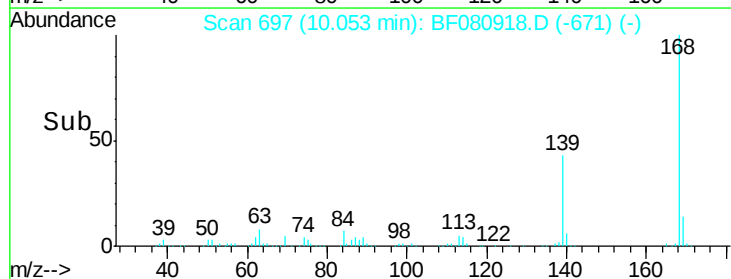
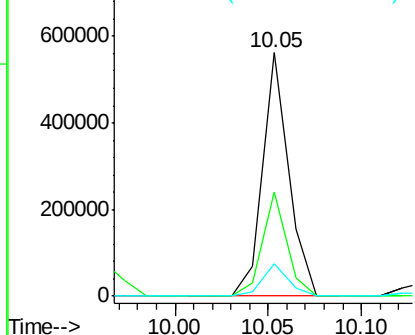


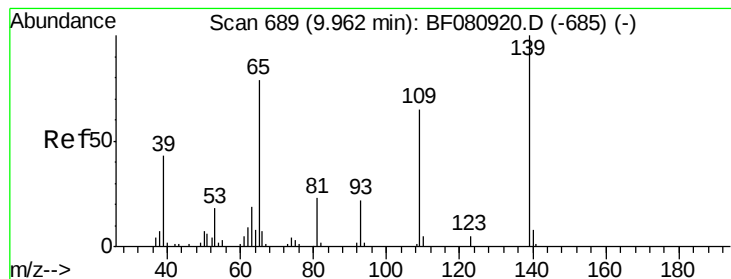
#54
 Dibenzofuran
 Concen: 52.05 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:168 Resp: 539826
 Ion Ratio Lower Upper
 168 100
 139 42.8 31.9 47.9
 169 13.5 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: 54.22 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

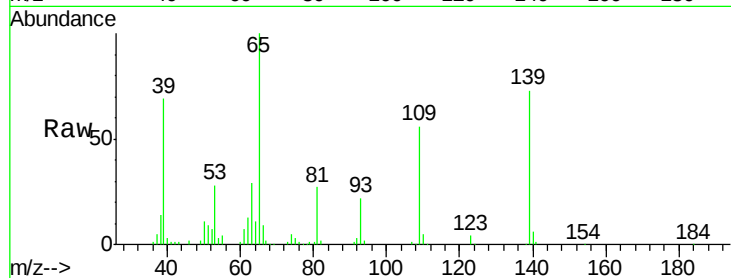
Tot Ion:139 Resp: 92450

Ion Ratio Lower Upper

139 100

109 77.3 44.7 84.7

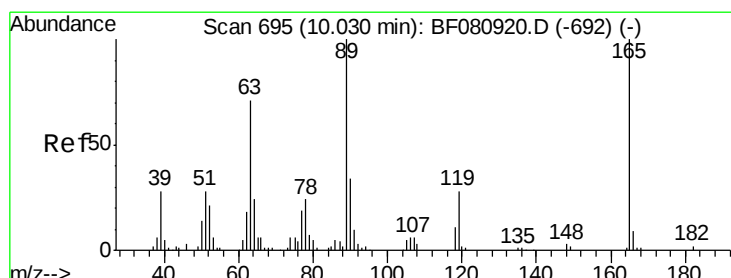
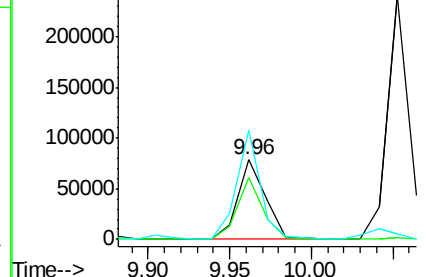
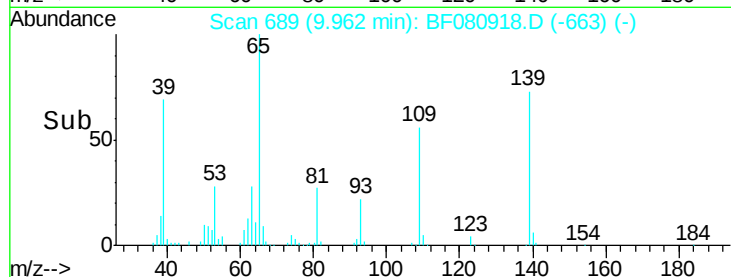
65 137.7 59.5 99.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 56.79 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Tgt Ion:165 Resp: 140405

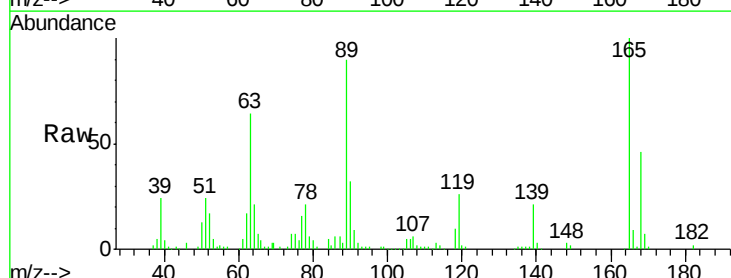
Ion Ratio Lower Upper

165 100

63 64.1 56.7 85.1

89 90.4 80.4 120.6

182 2.2 1.5 2.3

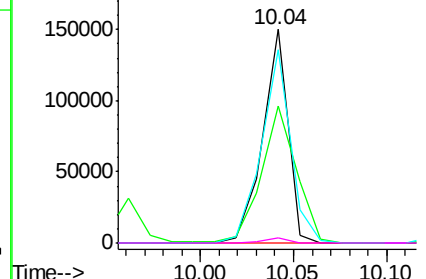
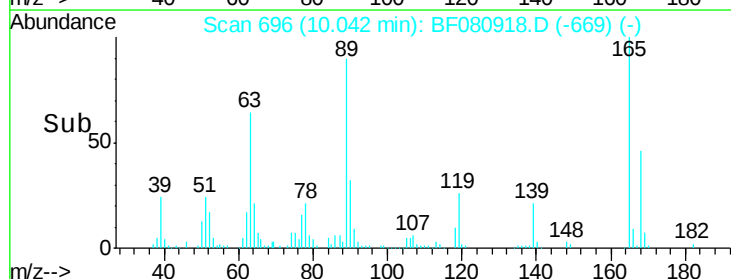


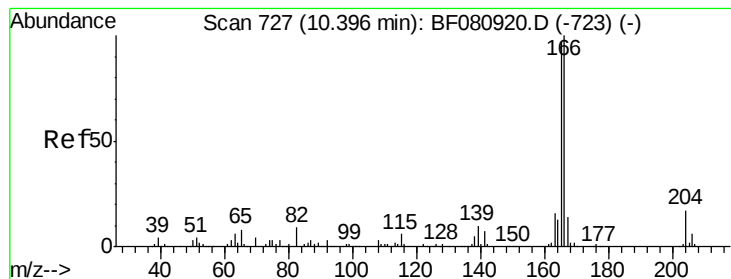
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.35 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

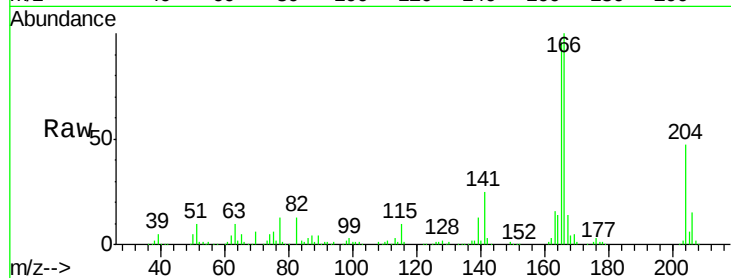
Tot Ion:166 Resp: 411983

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

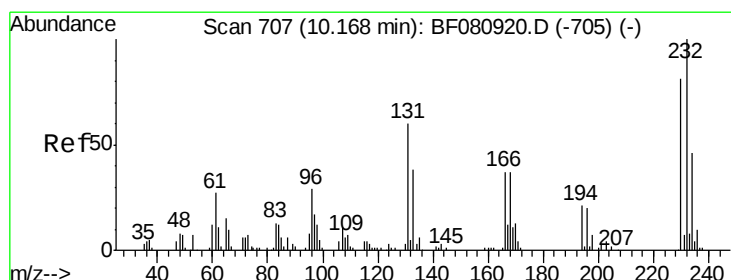
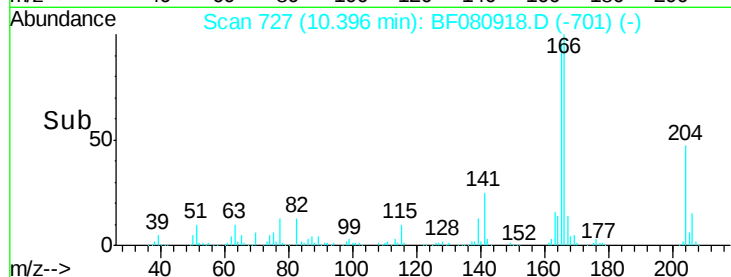
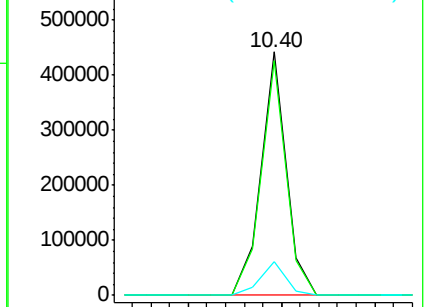
167 14.0 10.8 16.2



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: 57.11 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Tgt Ion:232 Resp: 111237

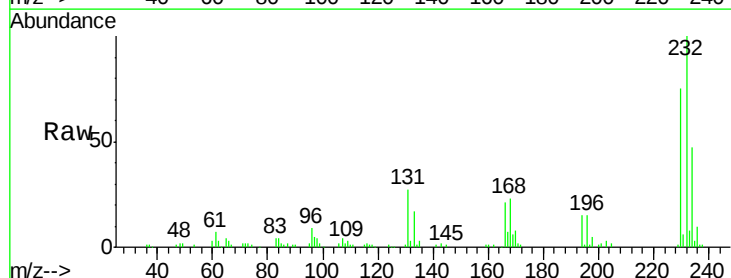
Ion Ratio Lower Upper

232 100

131 52.8 39.4 59.2

130 2.7 2.1 3.1

166 32.4 21.7 32.5

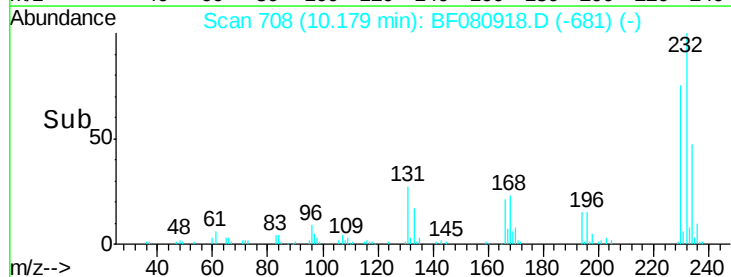
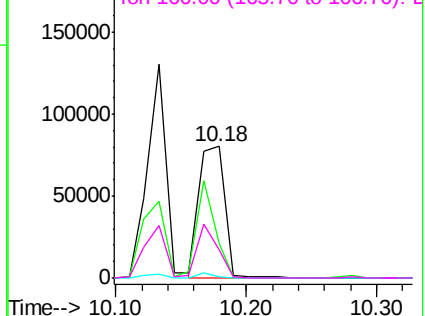


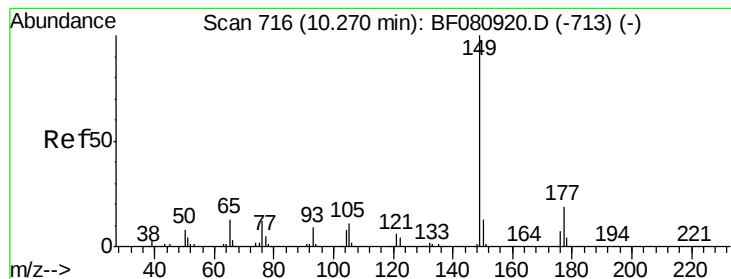
Abundance Ion 232.00 (231.70 to 232.70): E

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: 61.66 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

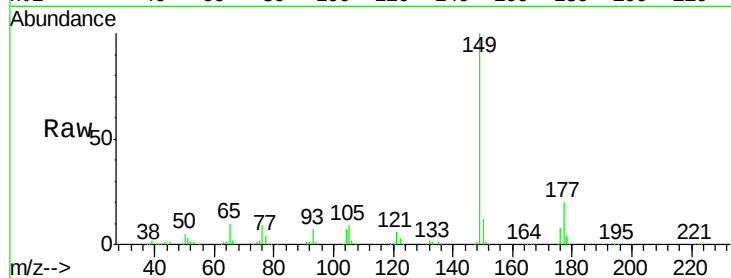
Tot Ion:149 Resp: 573997

Ion Ratio Lower Upper

149 100

177 20.4 15.0 22.4

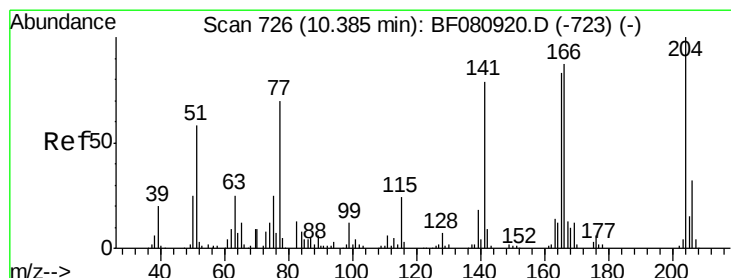
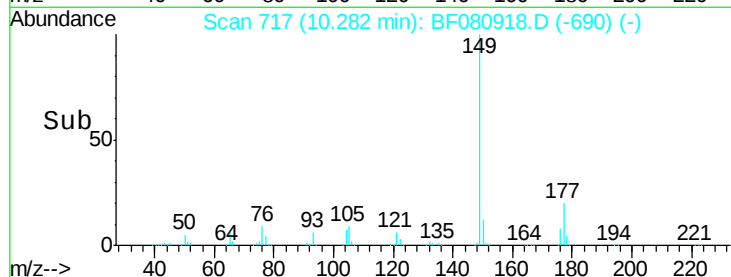
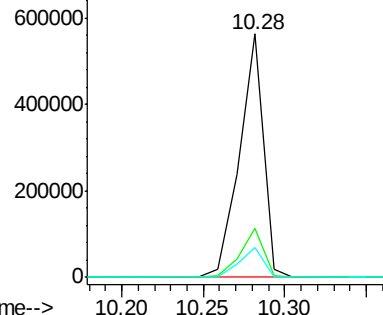
150 12.4 10.4 15.6



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: 56.09 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

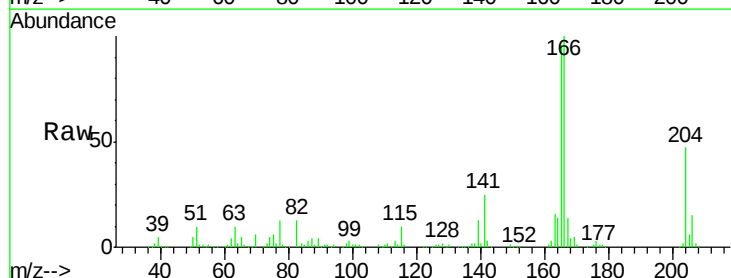
Tgt Ion:204 Resp: 219278

Ion Ratio Lower Upper

204 100

206 32.6 25.5 38.3

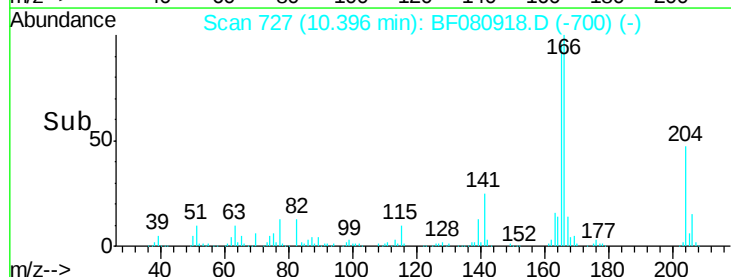
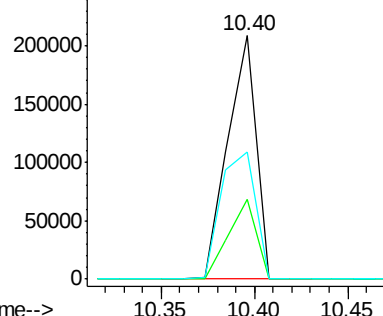
141 52.3 63.4 95.0#

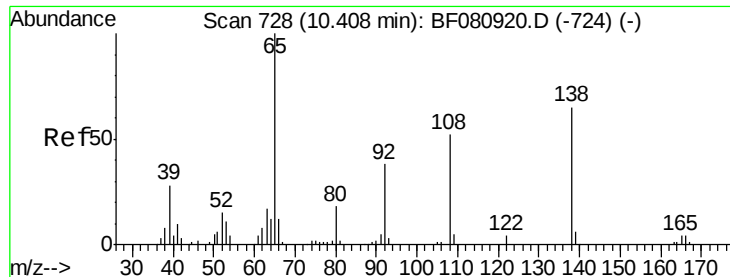


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

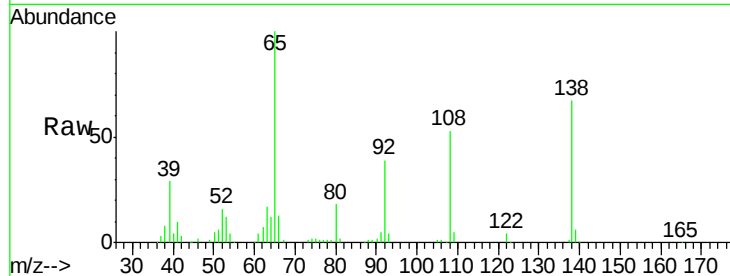




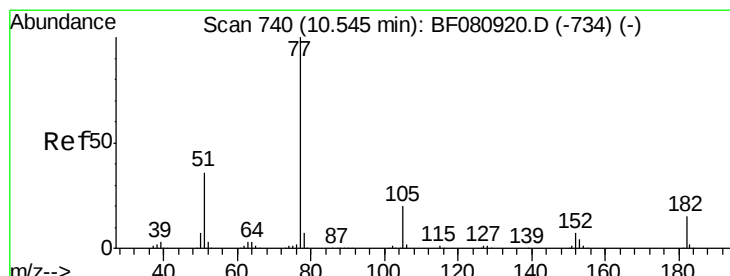
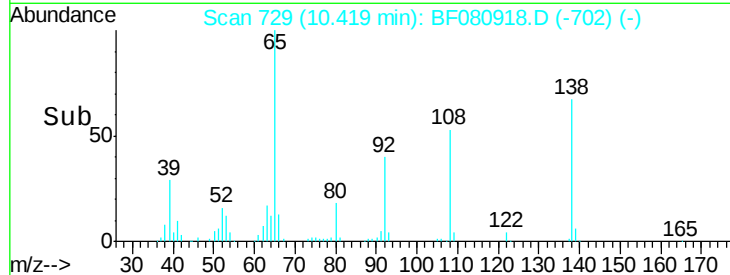
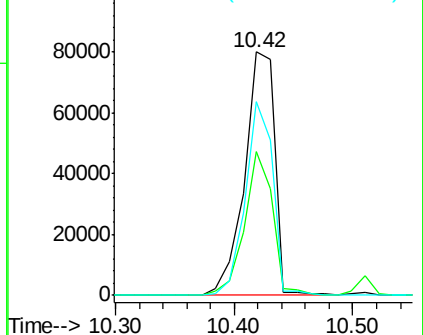
#61
4-Nitroaniline
Concen: 60.69 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 142248
Ion Ratio Lower Upper
138 100
92 59.1 38.1 78.1
108 79.4 59.9 99.9

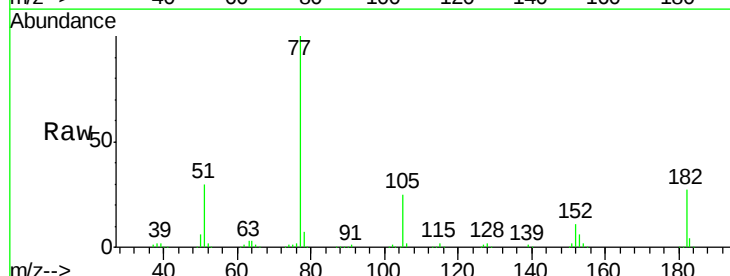


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

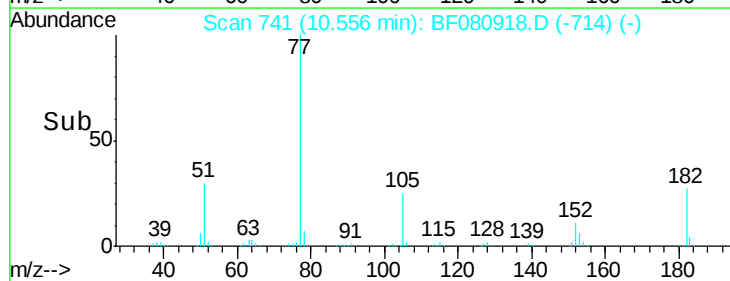
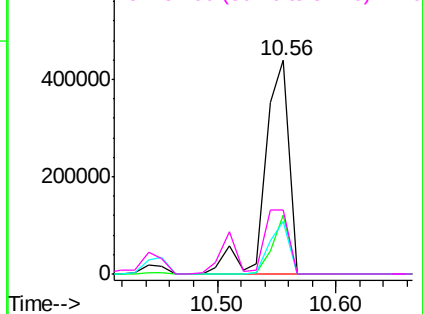


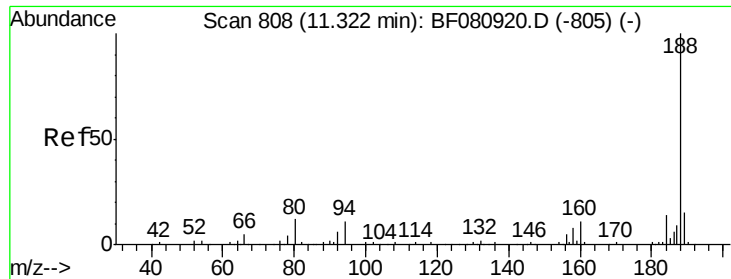
#62
Azobenzene
Concen: 58.91 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion: 77 Resp: 613242
Ion Ratio Lower Upper
77 100
182 27.4 0.0 35.5
105 24.7 0.5 40.5
51 29.8 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

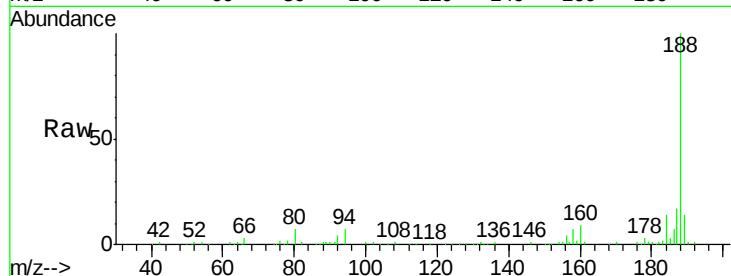




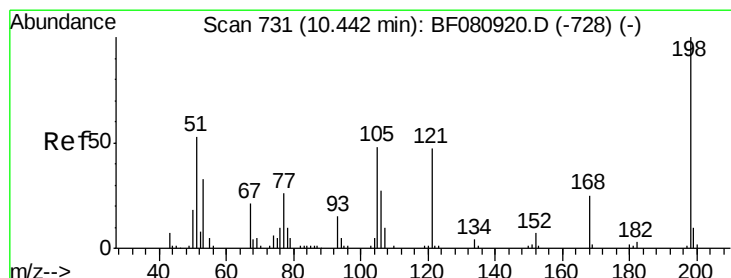
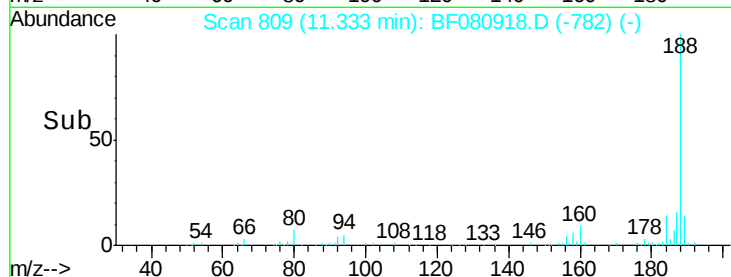
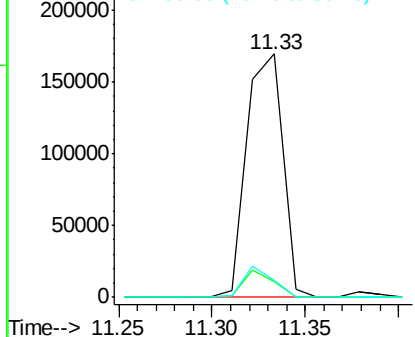
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 227400
 Ion Ratio Lower Upper
 188 100
 94 6.6 8.8 13.2#
 80 7.2 9.5 14.3#

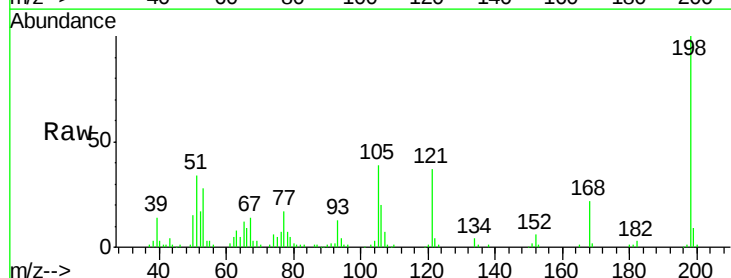


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

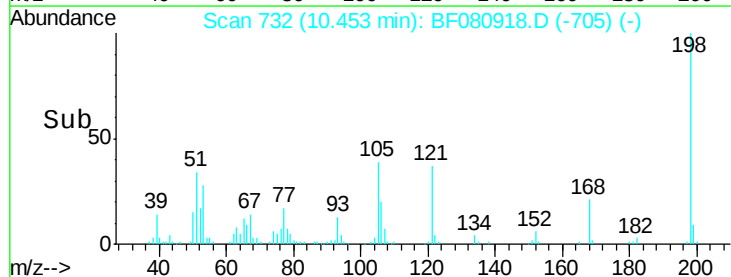
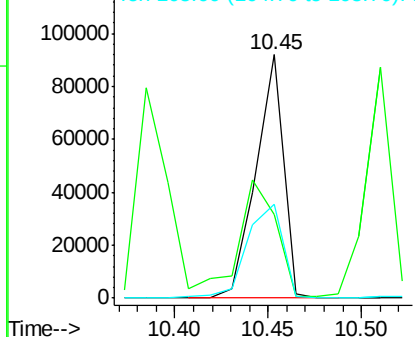


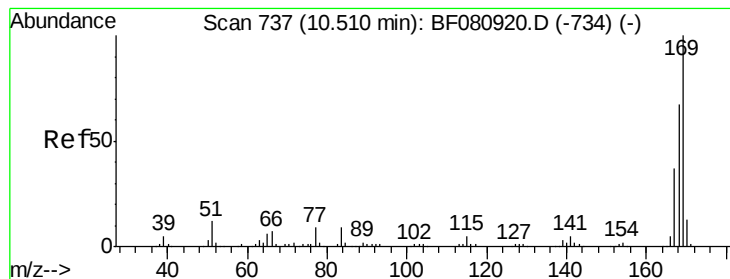
#64
 4,6-Dinitro-2-methylphenol
 Concen: 66.59 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:198 Resp: 93849
 Ion Ratio Lower Upper
 198 100
 51 34.3 40.3 80.3#
 105 38.5 29.6 69.6



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

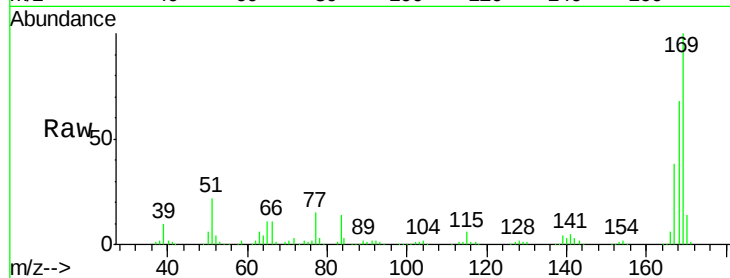




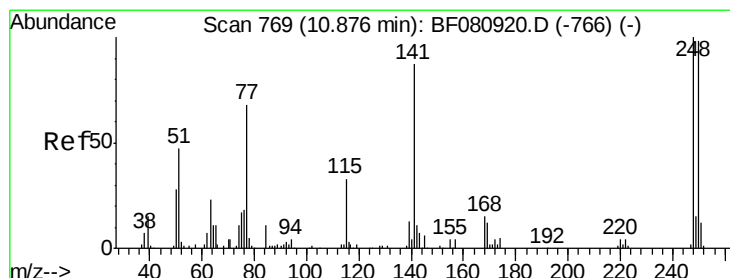
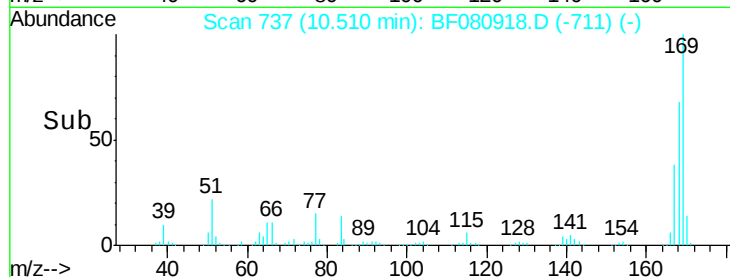
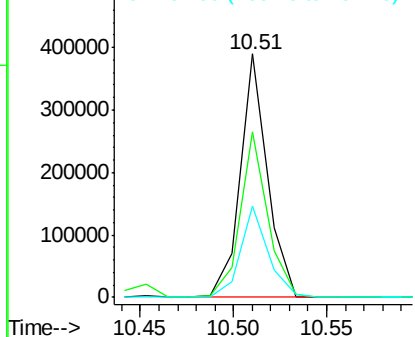
#65
 n-Nitrosodiphenylamine
 Concen: 49.85 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 393886
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.7 80.5
 167 37.7 29.3 43.9

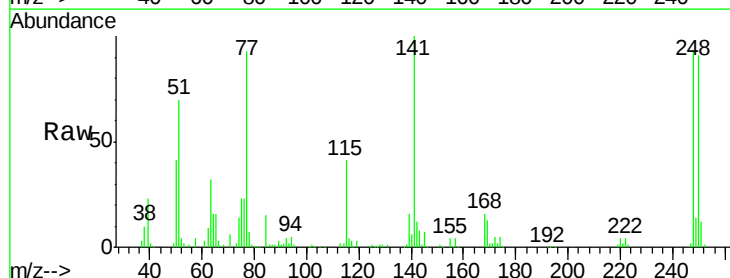


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

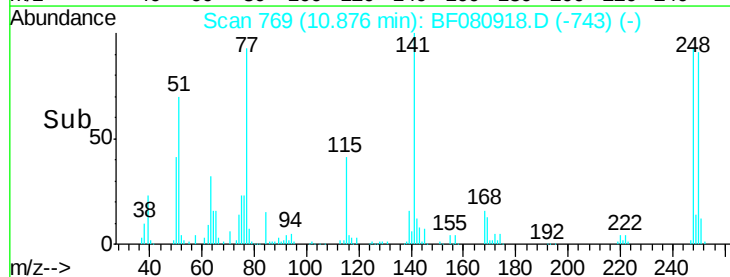
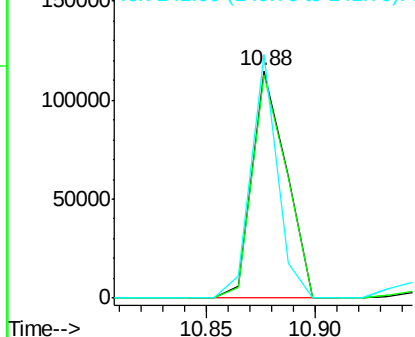


#66
 4-Bromophenyl-phenylether
 Concen: 51.97 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:248 Resp: 125163
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.1 117.1
 141 107.2 69.6 104.4#



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

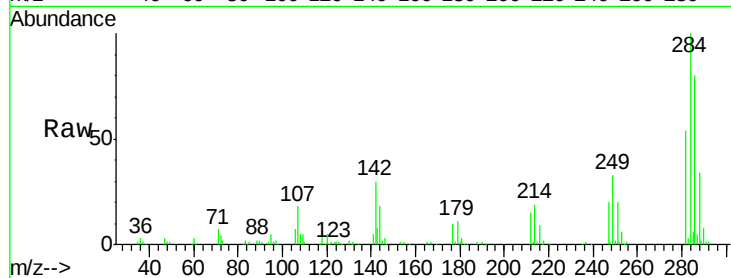




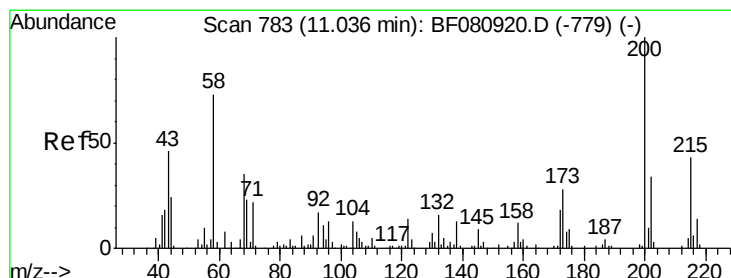
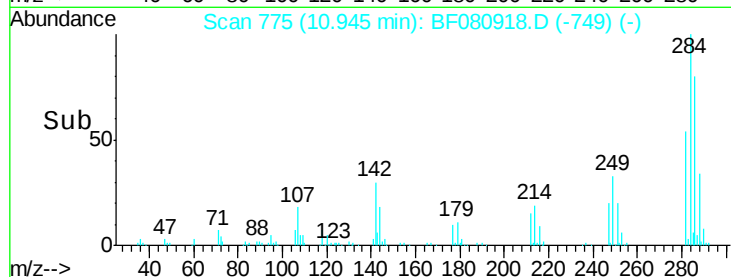
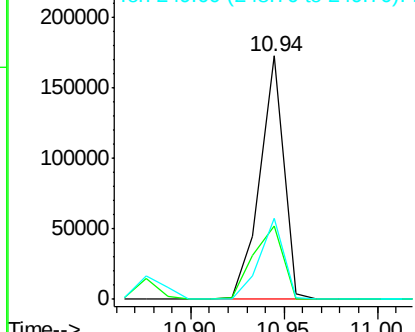
#67
Hexachlorobenzene
Concen: 57.15 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 153030
Ion Ratio Lower Upper
284 100
142 30.2 12.8 19.2#
249 33.1 22.5 33.7

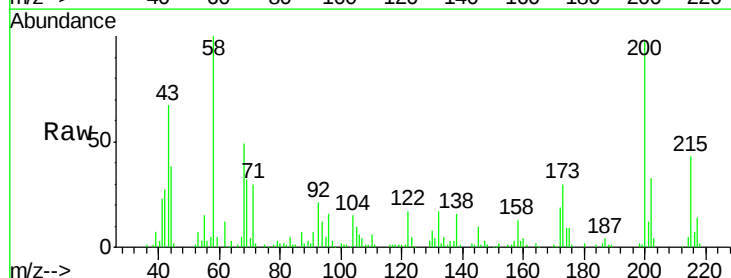


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

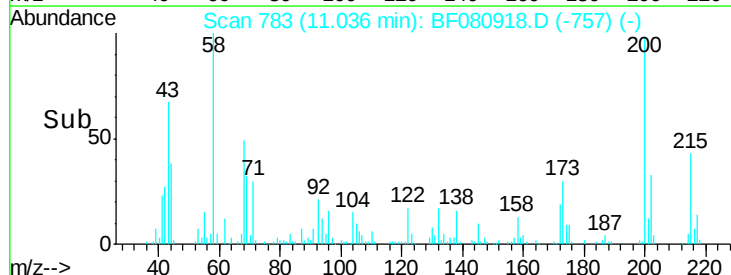
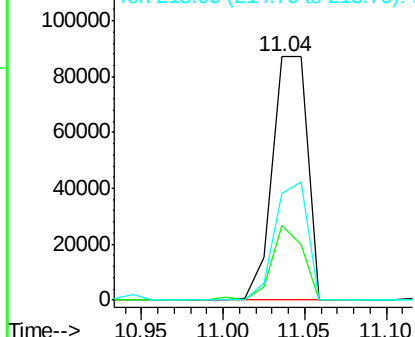


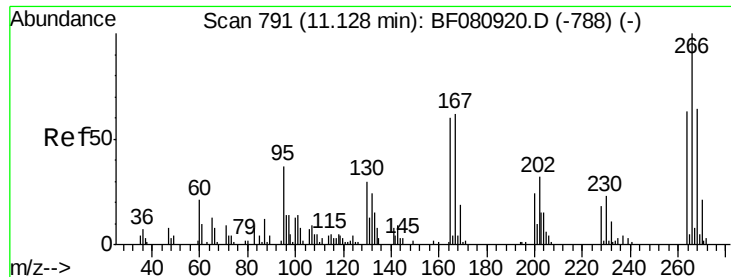
#68
Atrazine
Concen: 56.33 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:200 Resp: 130477
Ion Ratio Lower Upper
200 100
173 30.4 8.4 48.4
215 43.9 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

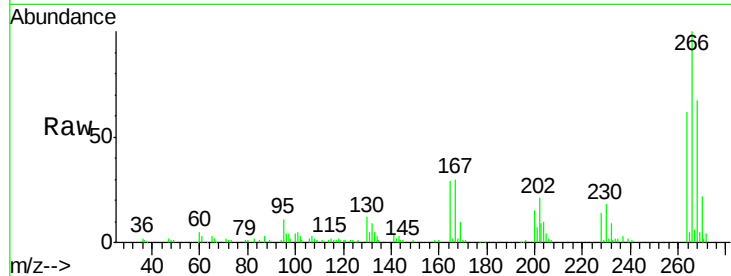




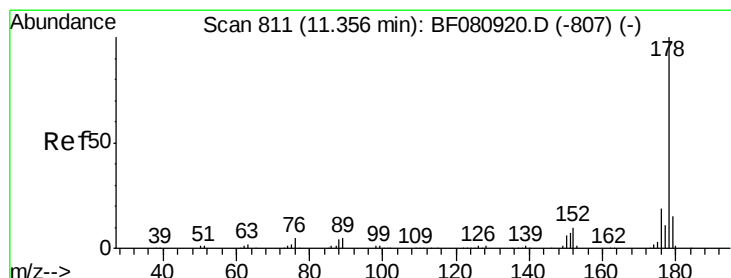
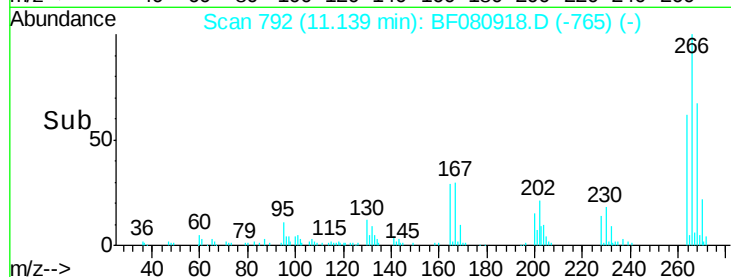
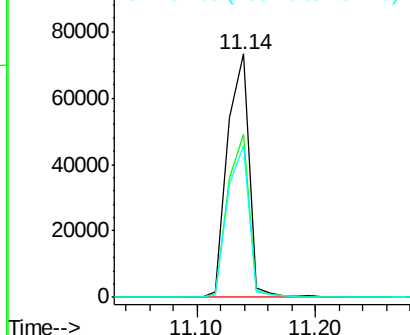
#69
 Pentachlorophenol
 Concen: 59.30 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 92331
 Ion Ratio Lower Upper
 266 100
 268 67.0 51.6 77.4
 264 62.4 50.1 75.1

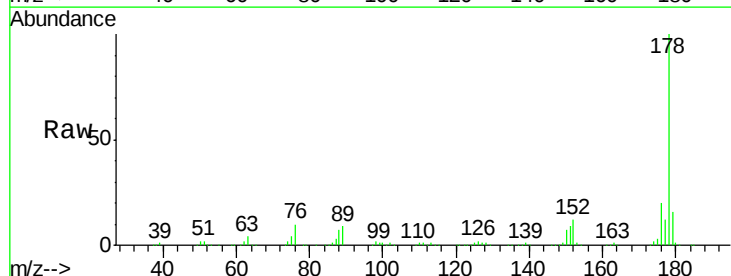


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

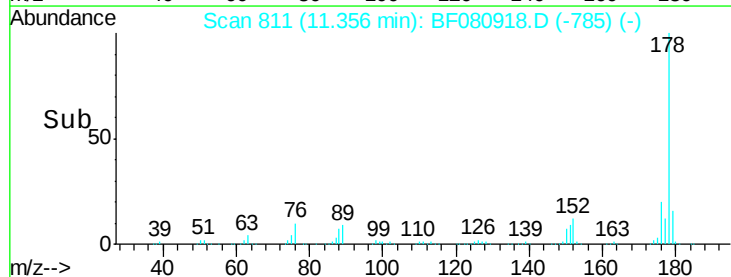
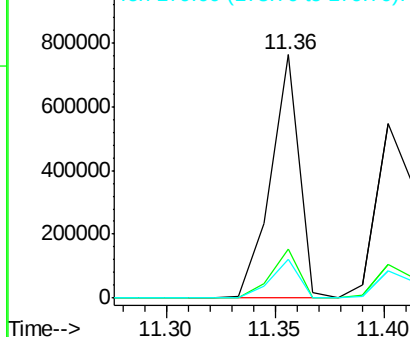


#70
 Phenanthrene
 Concen: 54.43 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:178 Resp: 700851
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.6 23.4
 179 15.7 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

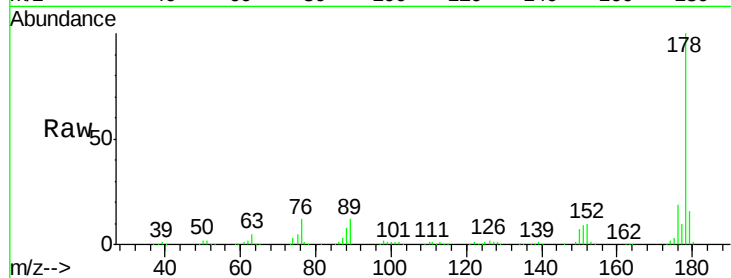




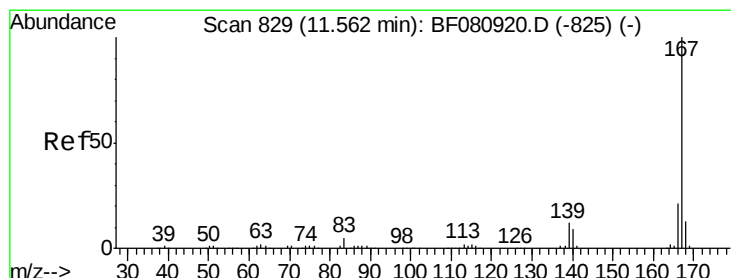
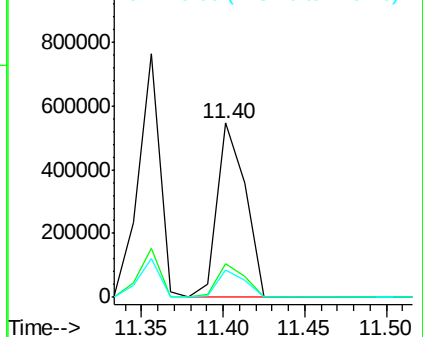
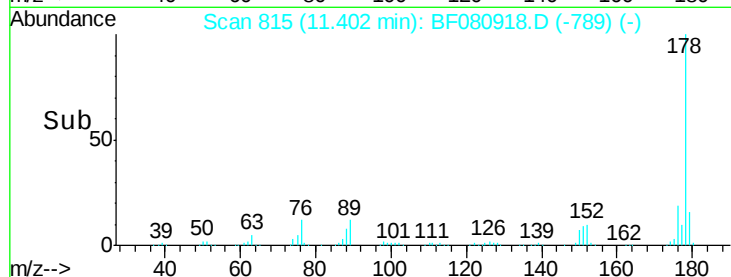
#71
 Anthracene
 Concen: 51.01 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 650289
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.7 12.6 18.8

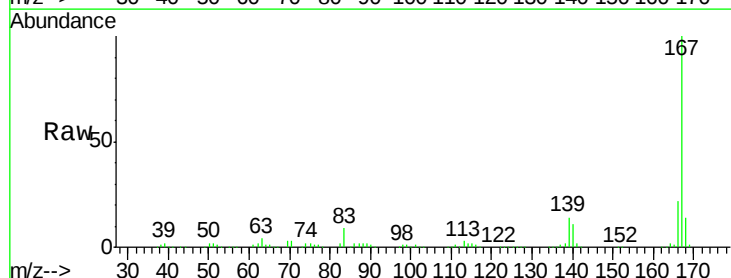


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

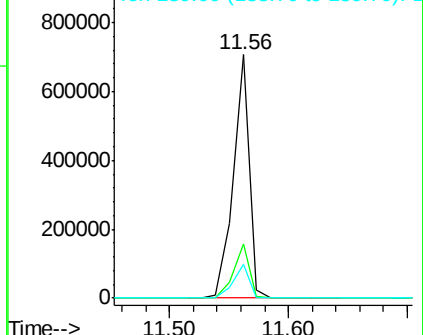
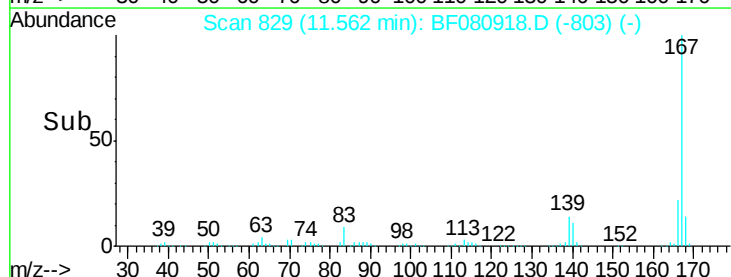


#72
 Carbazole
 Concen: 52.93 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:167 Resp: 656949
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 14.0 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: 52.15 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

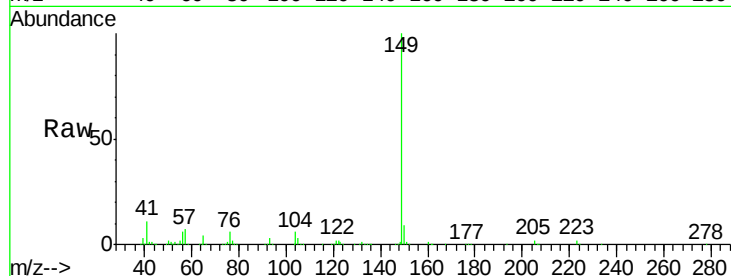
Tot Ion:149 Resp: 809320

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

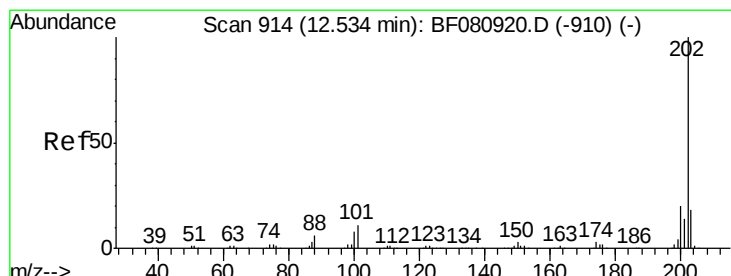
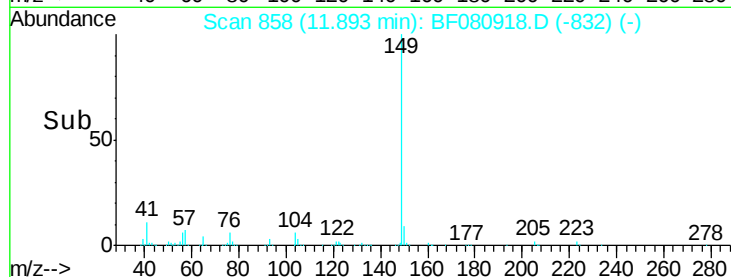
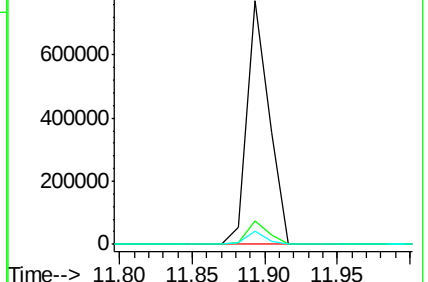
104 5.6 4.4 6.6



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: 50.00 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

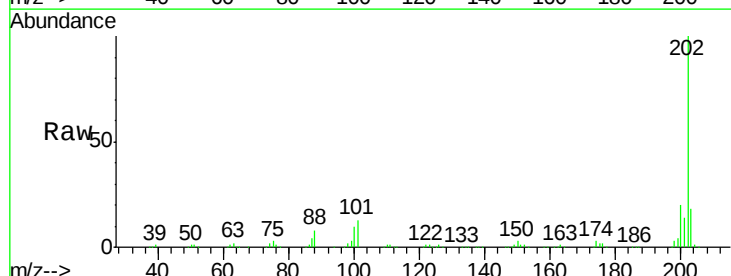
Tgt Ion:202 Resp: 696054

Ion Ratio Lower Upper

202 100

101 13.5 0.0 30.5

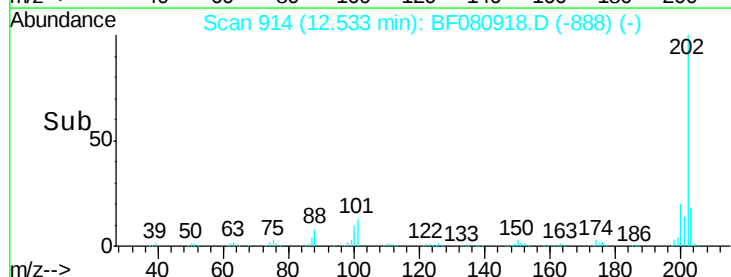
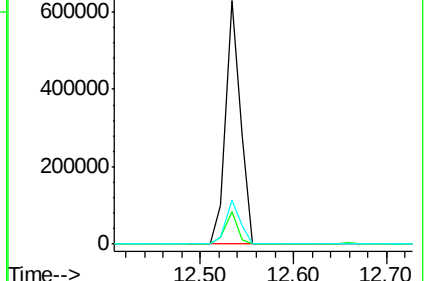
203 18.1 0.0 37.7

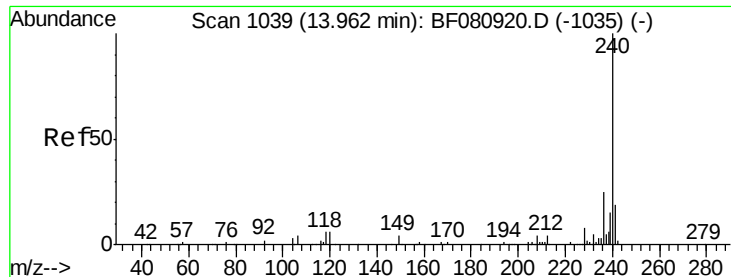


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

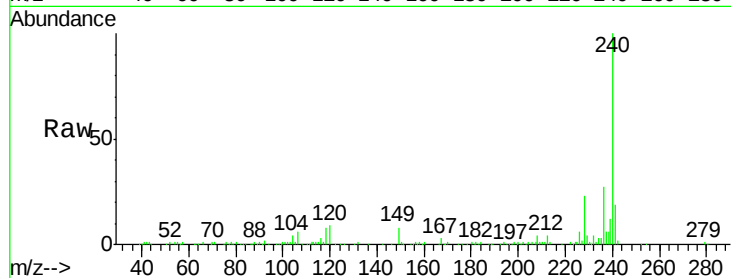
Tot Ion:240 Resp: 191001

Ion Ratio Lower Upper

240 100

120 8.6 5.2 7.8#

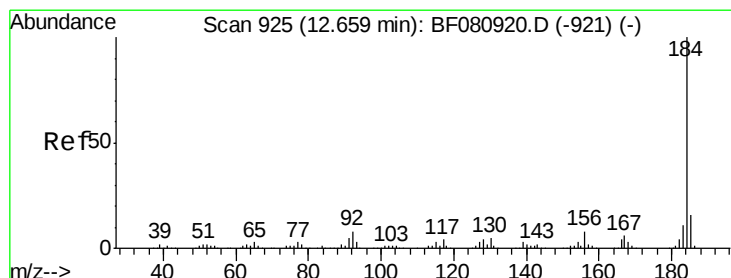
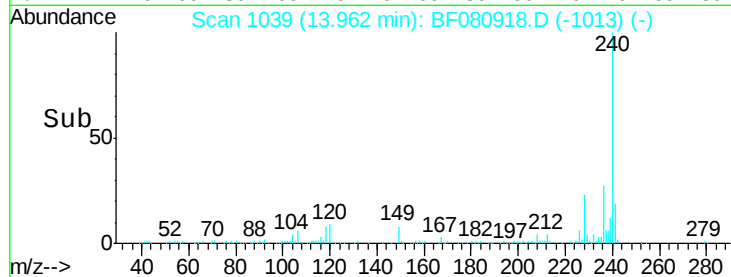
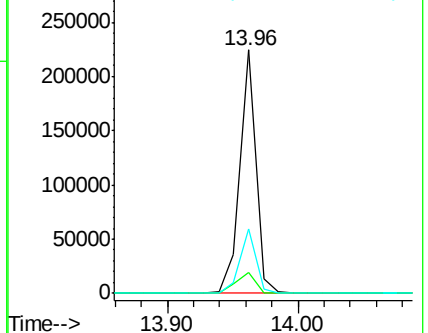
236 26.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.48 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

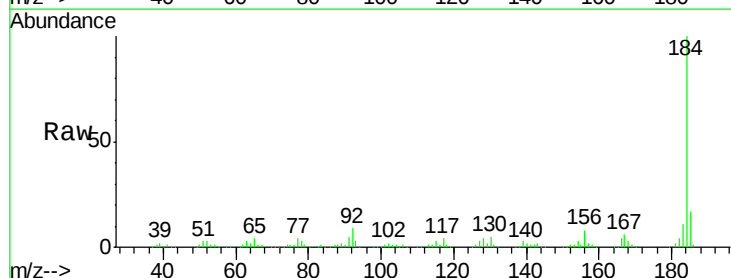
Tgt Ion:184 Resp: 372470

Ion Ratio Lower Upper

184 100

185 17.3 13.0 19.4

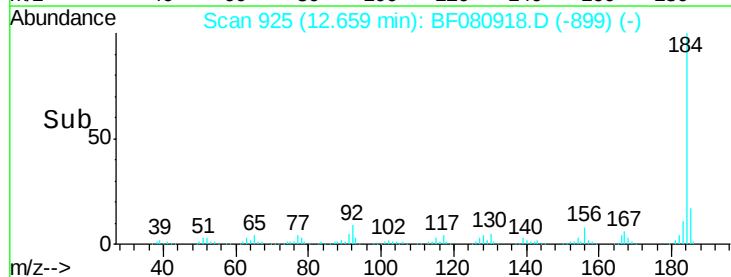
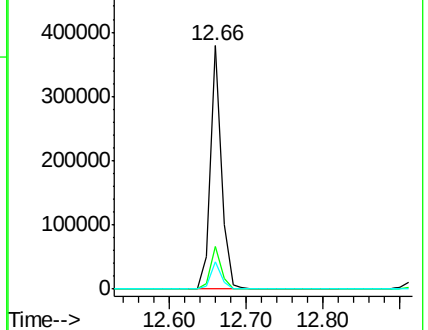
183 11.0 8.7 13.1

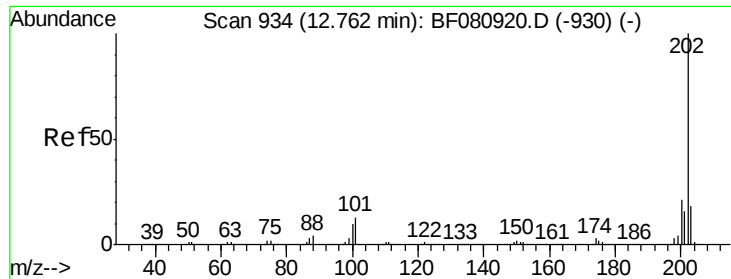


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

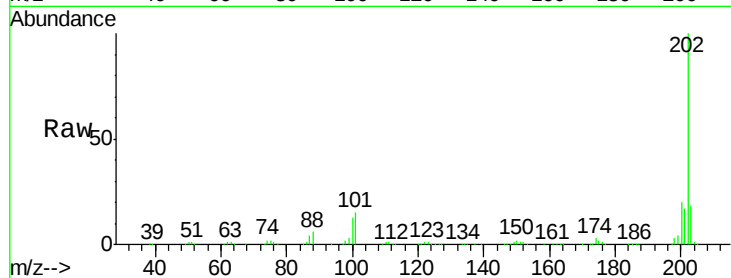




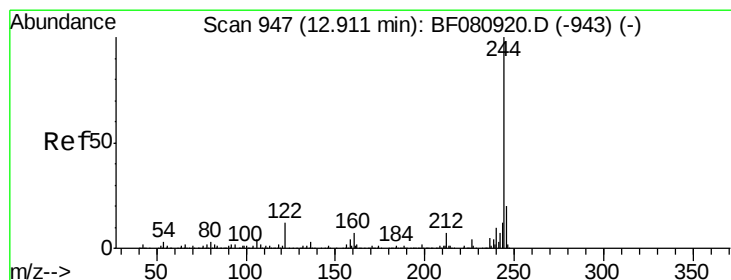
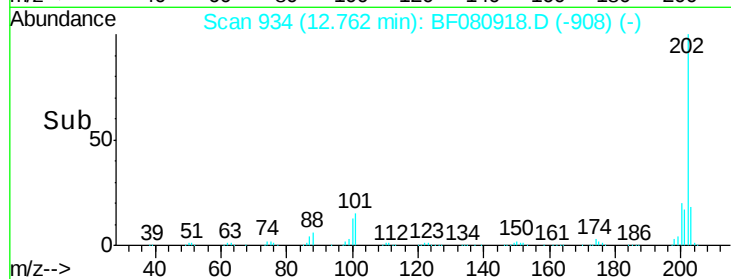
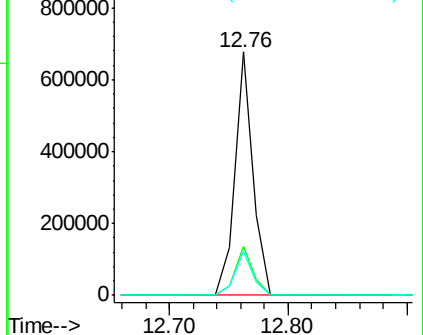
#77
 Pvrene
 Concen: 50.67 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	18.1	14.2	21.2

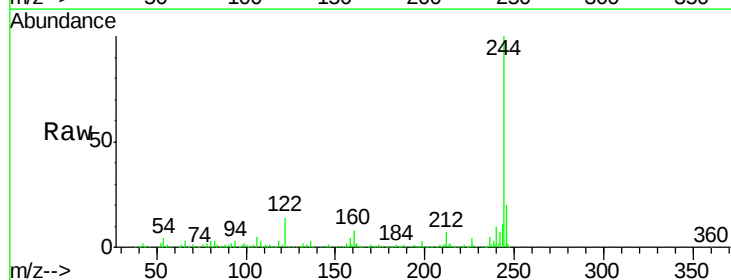


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

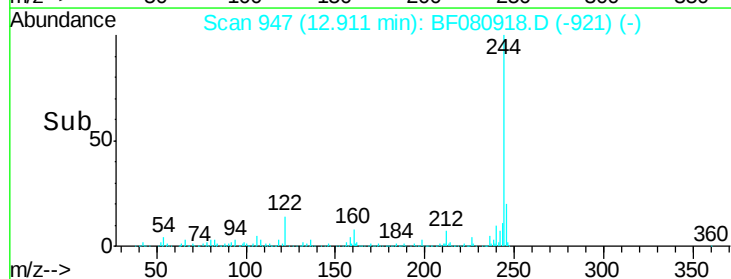
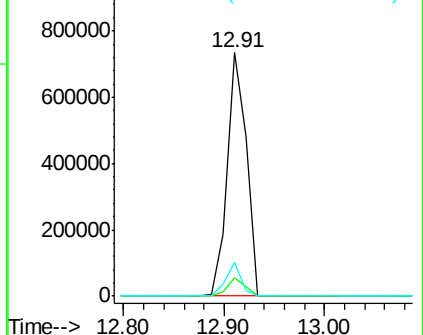


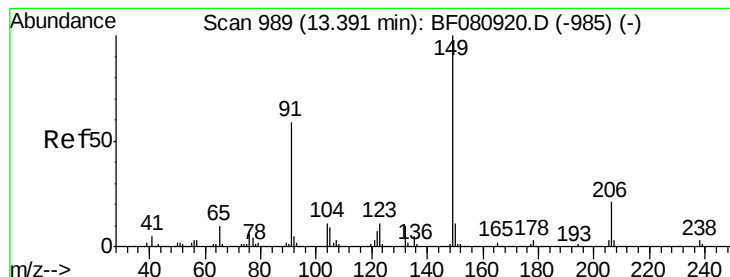
#78
 Terphenyl-d14
 Concen: 104.60 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.8	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: 61.50 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

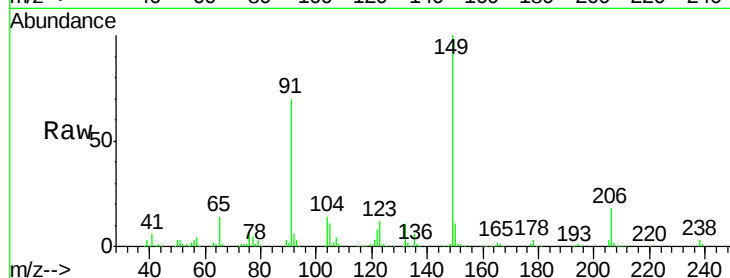
Tot Ion:149 Resp: 418349

Ion Ratio Lower Upper

149 100

91 70.3 47.2 70.8

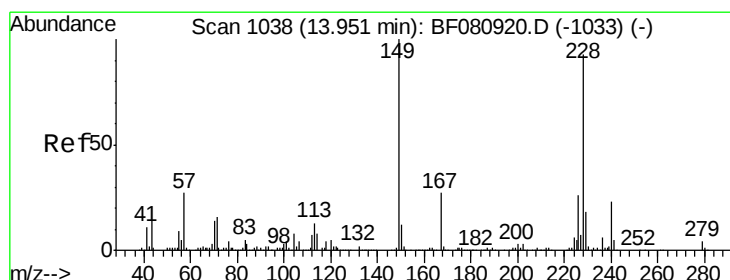
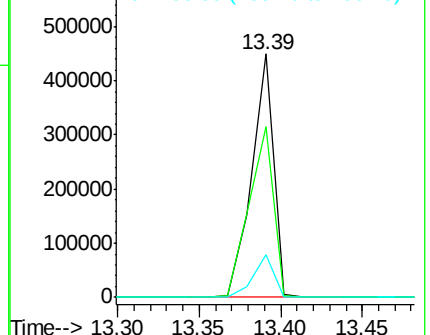
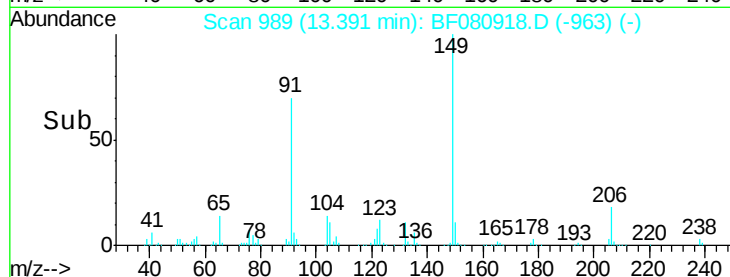
206 17.7 16.5 24.7



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: 51.05 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

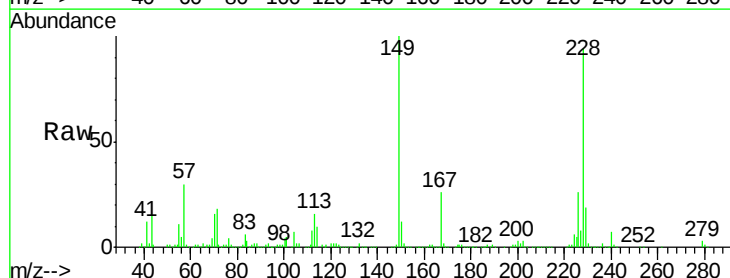
Tgt Ion:228 Resp: 615965

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

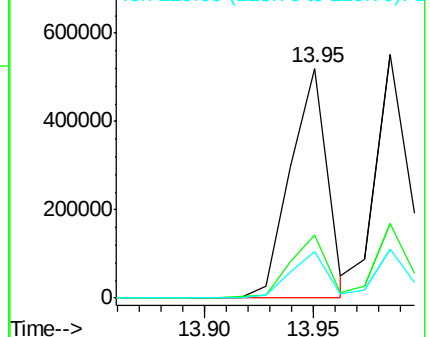
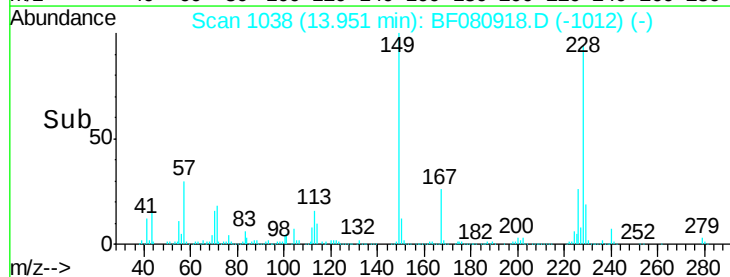
229 20.1 15.8 23.6



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

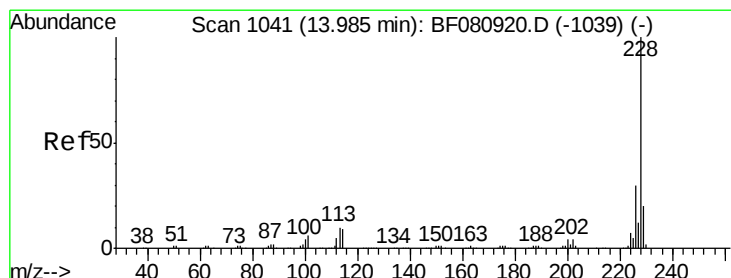
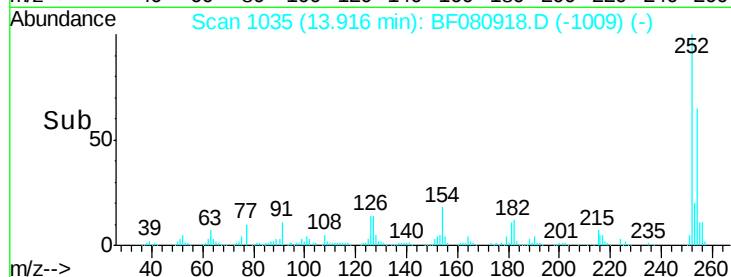
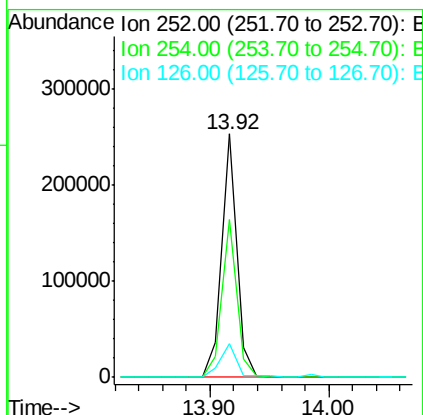
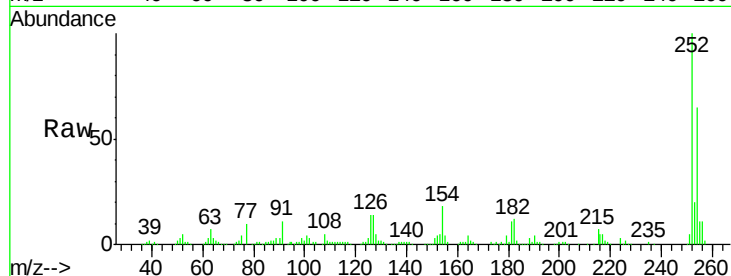




#81
 3,3'-Dichlorobenzidine
 Concen: 50.81 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

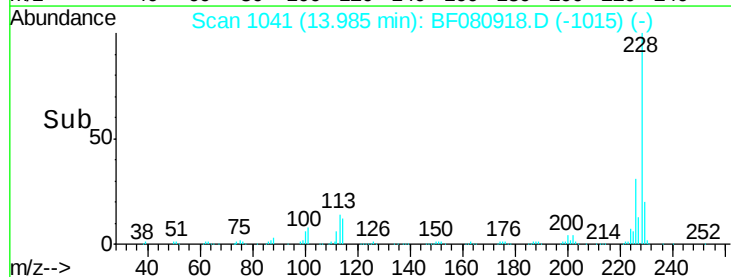
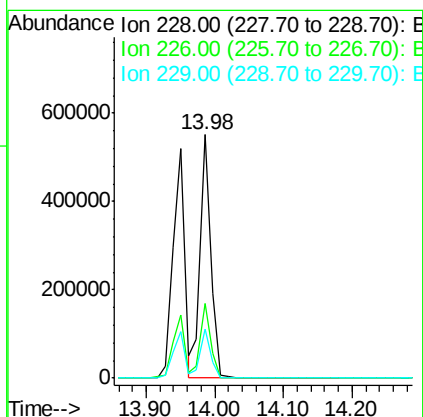
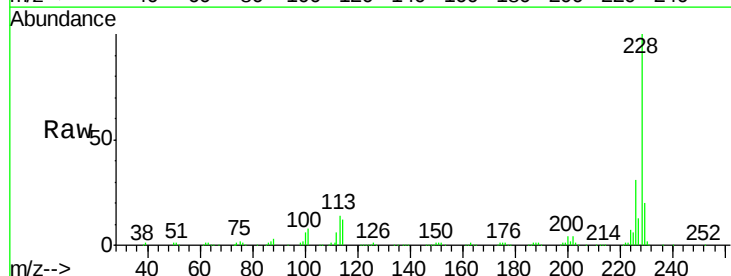
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 222969
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.7 77.5
 126 13.6 7.1 10.7#



#82
 Chrysene
 Concen: 50.33 ng
 RT: 13.98 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Tgt Ion:228 Resp: 581413
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.9 35.9
 229 20.0 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.59 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

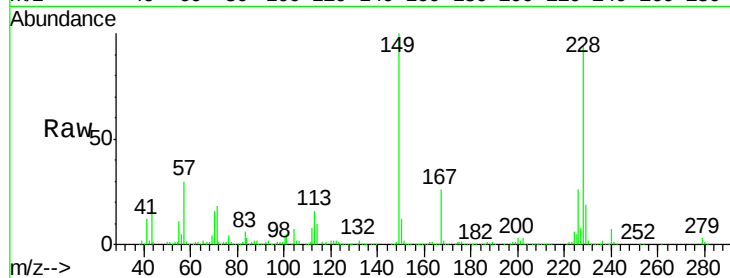
Tot Ion:149 Resp: 526126

Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.0

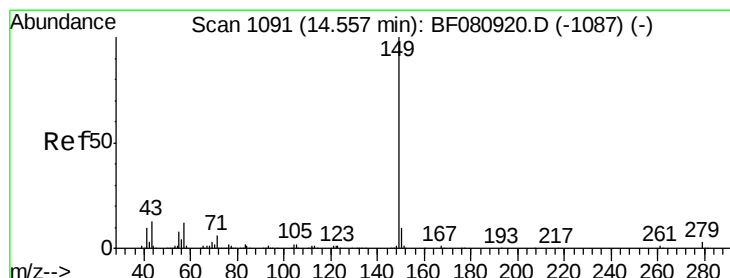
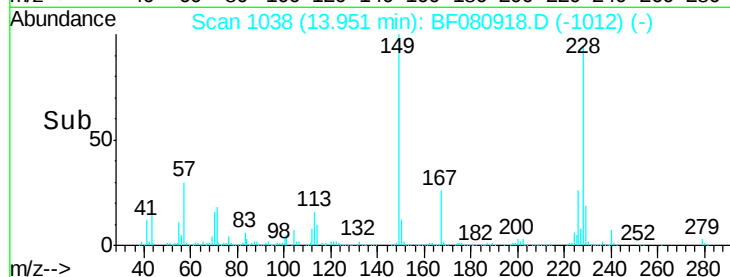
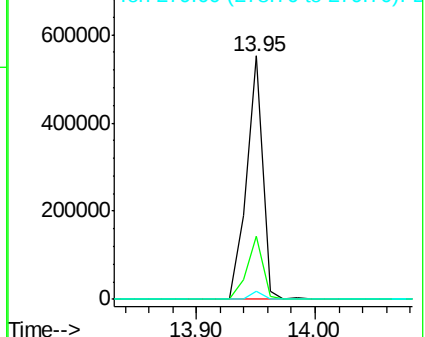
279 3.1 2.9 4.3



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: 53.63 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

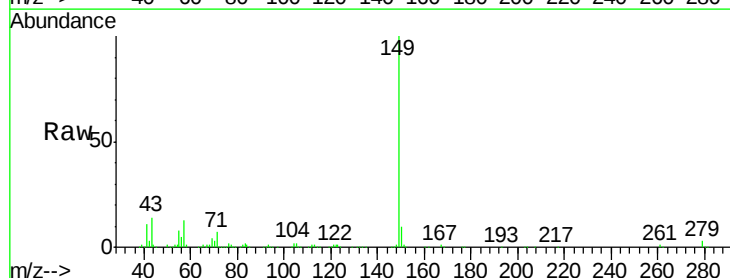
Tgt Ion:149 Resp: 860539

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

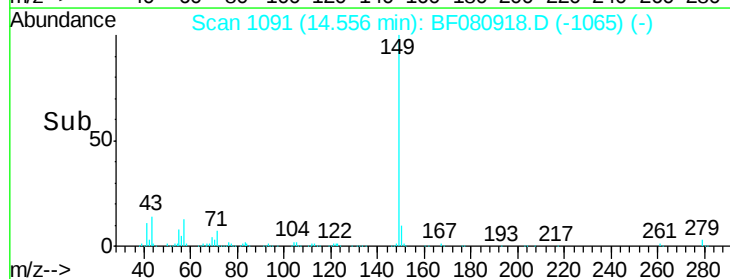
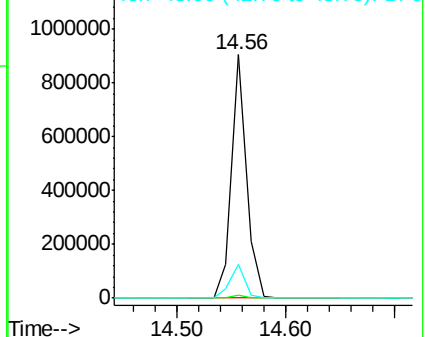
43 13.7 11.0 16.4



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

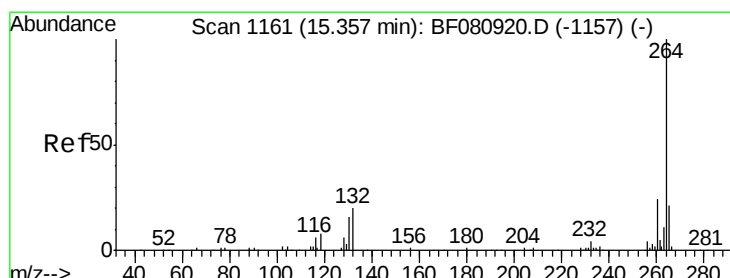
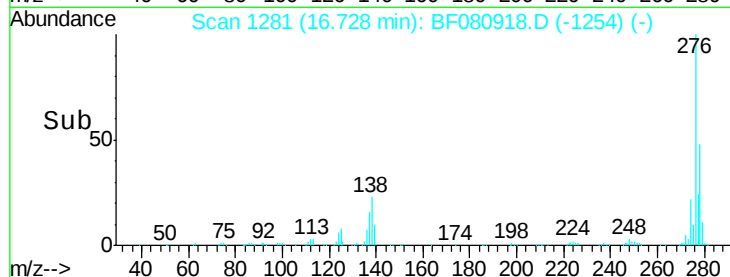
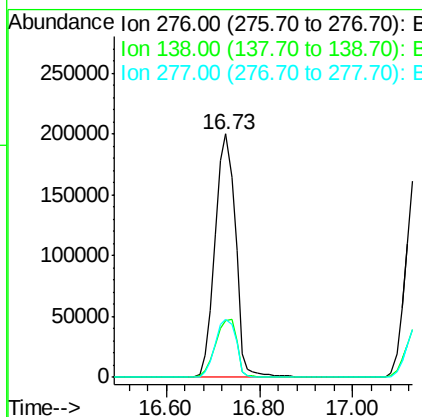
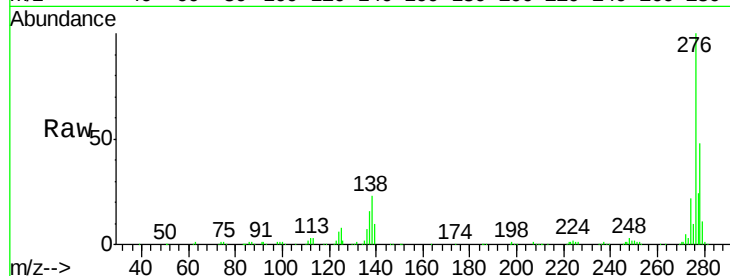




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.24 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

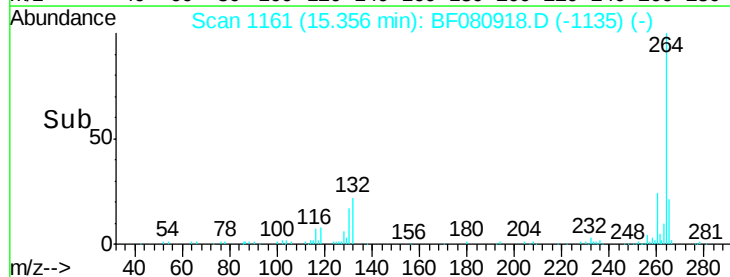
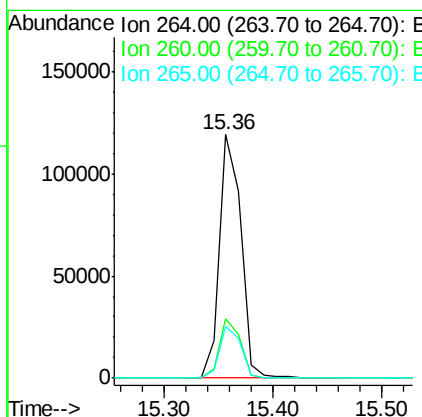
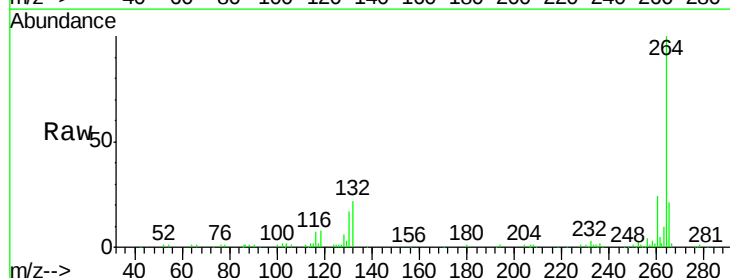
Instrument :
BNA_F
ClientSampled :

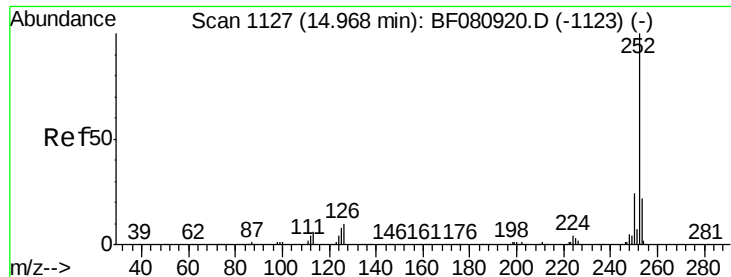
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.9	29.9
277	24.7	19.7	29.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.4	17.0	25.4

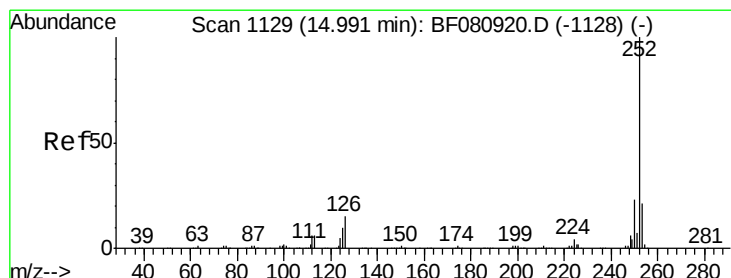
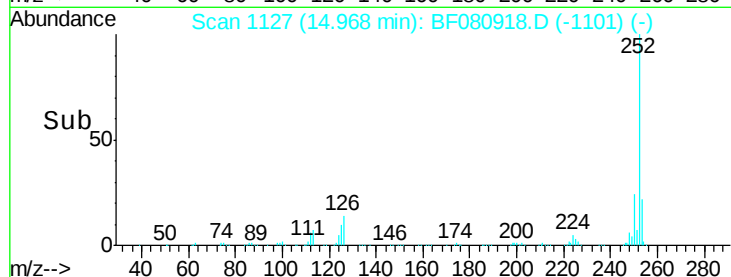
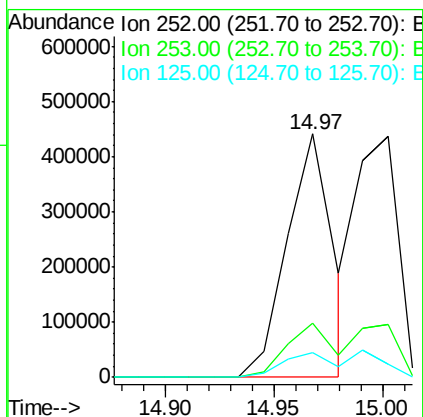
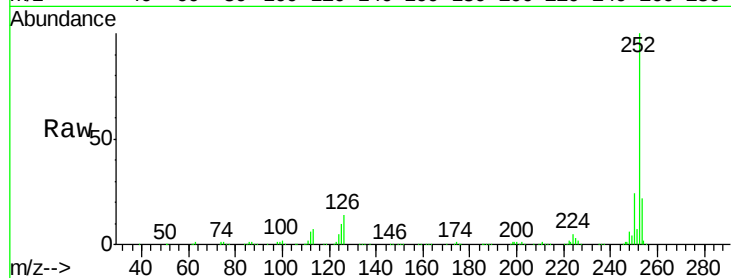




#87
Benzo(b)fluoranthene
Concen: 56.39 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

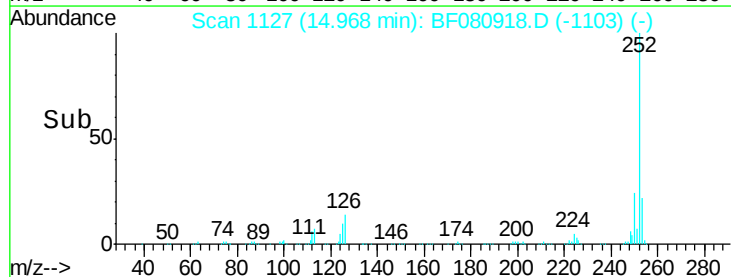
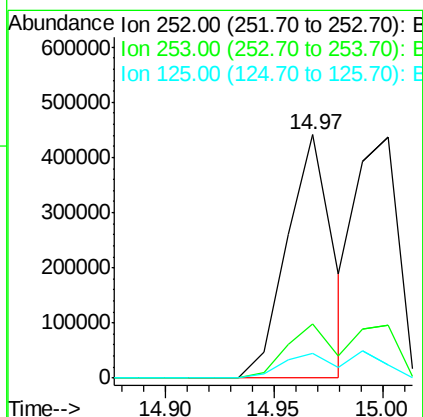
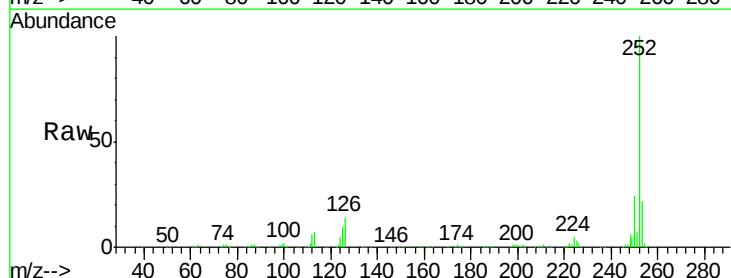
Instrument :
BNA_F
ClientSampled :

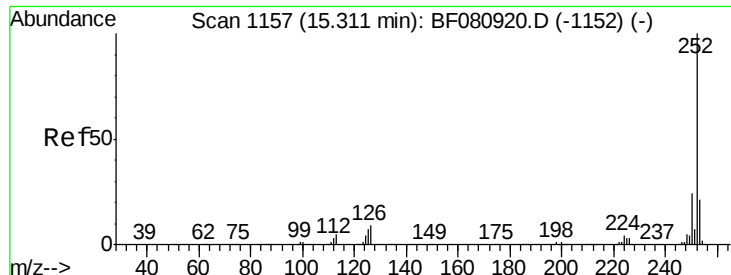
Tot Ion:252 Resp: 643005
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.3 6.1 9.1#



#88
Benzo(k)fluoranthene
Concen: 64.69 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF080918.D
Acq: 7 Aug 2015 10:42

Tgt Ion:252 Resp: 643005
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.3 9.0 13.6





#89

Benzo(a)pyrene

Concen: 58.13 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

Instrument :

BNA_F

ClientSampleId :

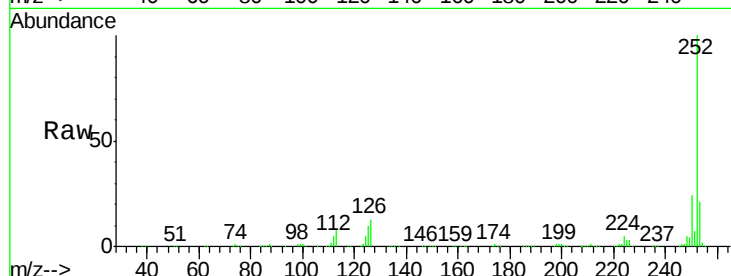
Tot Ion:252 Resp: 569711

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

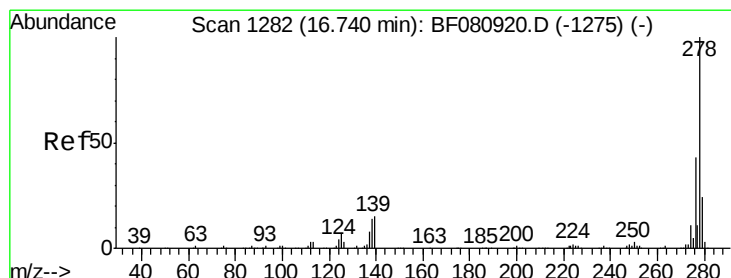
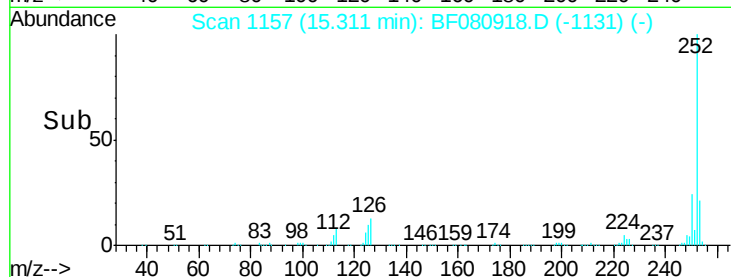
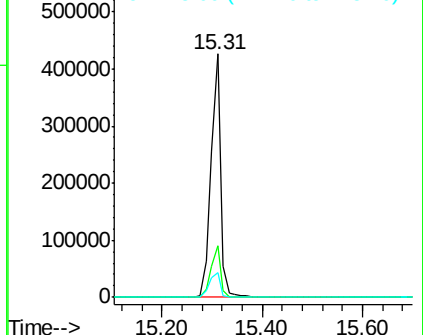
125 10.2 5.8 8.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 58.71 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF080918.D

Acq: 7 Aug 2015 10:42

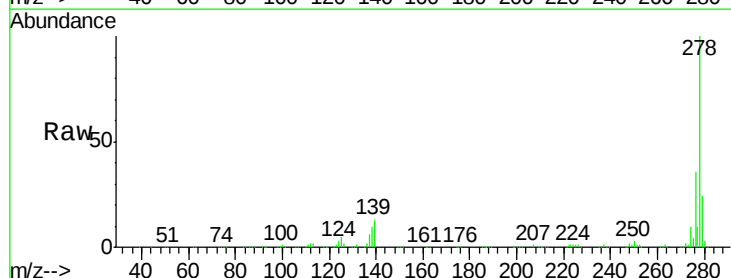
Tgt Ion:278 Resp: 509041

Ion Ratio Lower Upper

278 100

139 12.8 11.9 17.9

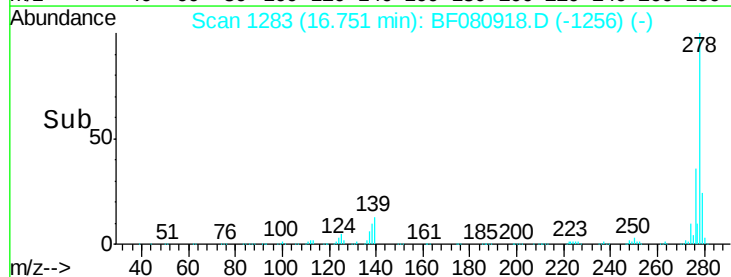
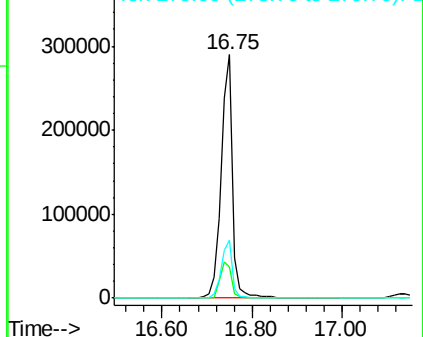
279 23.6 19.0 28.6

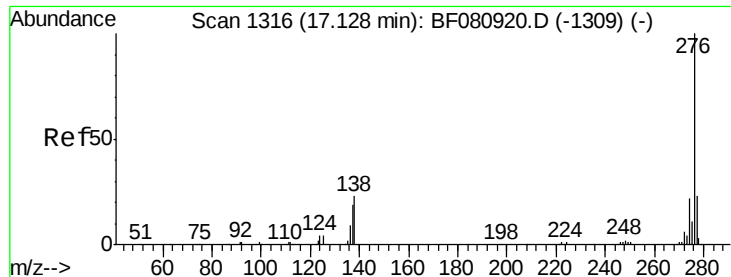


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

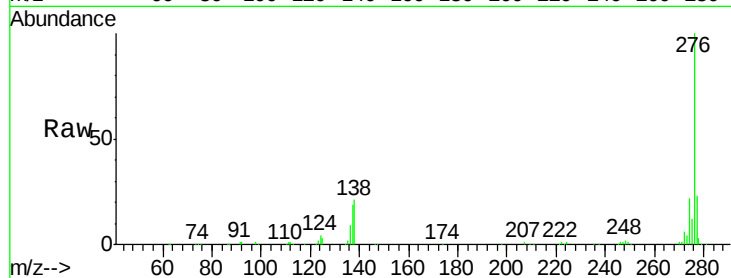




#91
 Benzo(a,h,i)perylene
 Concen: 58.38 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF080918.D
 Acq: 7 Aug 2015 10:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	21.2	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

