

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080922.D
 Acq On : 7 Aug 2015 12:45
 Operator : TP/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:59:09 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	53899	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	204547	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	105198	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	219121	20.00	ng	0.00
75) Chrysene-d12	13.95	240	201329	20.00	ng	-0.01
86) Perylene-d12	15.36	264	178963	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	69333	21.02	ng	0.00
7) Phenol-d6	6.43	99	96983	21.45	ng	-0.01
23) Nitrobenzene-d5	7.37	82	100359	23.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	24011	20.78	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	161440	21.60	ng	0.00
78) Terphenyl-d14	12.90	244	200833	20.60	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	15370	9.82	ng	99
3) Pyridine	3.06	79	40804	9.13	ng	96
4) n-Nitrosodimethylamine	2.97	42	21696	9.58	ng	96
6) Aniline	6.46	93	68809	10.36	ng	92
8) 2-Chlorophenol	6.58	128	38196	10.01	ng	# 80
9) Benzaldehyde	6.35	77	33150	10.82	ng	87
10) Phenol	6.44	94	59995	11.19	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	36251	9.05	ng	88
12) 1,3-Dichlorobenzene	6.75	146	40051	9.89	ng	97
13) 1,4-Dichlorobenzene	6.75	146	40051	9.51	ng	100
14) 1,2-Dichlorobenzene	6.98	146	41490	10.90	ng	96
15) Benzyl Alcohol	6.94	79	37647	10.18	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	85978	10.67	ng	97
17) 2-Methylphenol	7.06	107	34738	10.66	ng	94
18) Hexachloroethane	7.32	117	16688	10.35	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	35272	10.68	ng	99
20) 3+4-Methylphenols	7.22	107	42501	10.38	ng	# 77
22) Acetophenone	7.22	105	56164	11.21	ng	# 80
24) Nitrobenzene	7.39	77	46642	10.48	ng	# 83
25) Isophorone	7.63	82	93579	11.25	ng	97
26) 2-Nitrophenol	7.71	139	20514	10.95	ng	# 83
27) 2,4-Dimethylphenol	7.74	122	38305	10.92	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	57276	11.47	ng	99
29) 2,4-Dichlorophenol	7.95	162	30991	10.75	ng	90
30) 1,2,4-Trichlorobenzene	8.03	180	32988	10.47	ng	94
31) Naphthalene	8.11	128	121639	10.79	ng	99
32) Benzoic acid	7.81	122	16018	7.59	ng	92
33) 4-Chloroaniline	8.17	127	49351	10.77	ng	# 90
34) Hexachlorobutadiene	8.24	225	21400	11.42	ng	98
35) Caprolactam	8.50	113	10604	10.53	ng	# 74
36) 4-Chloro-3-methylphenol	8.64	107	36041	10.25	ng	93
37) 2-Methylnaphthalene	8.81	142	82339	11.47	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	32817	10.12	ng	98
40) Hexachlorocyclopentadiene	8.96	237	15295	8.64	ng	91

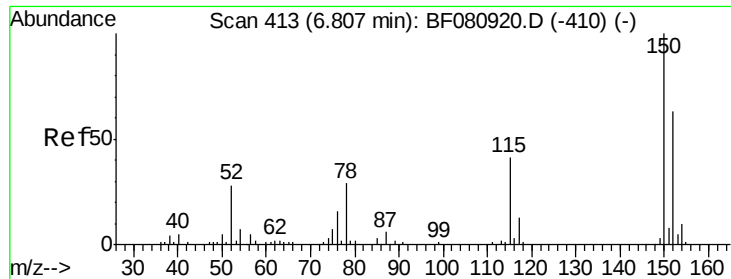
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080922.D
 Acq On : 7 Aug 2015 12:45
 Operator : TP/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 23:59:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 23:54:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	26350	10.90	nq	96
43) 2,4,5-Trichlorophenol	9.12	196	24333	10.50	nq #	86
45) 1,1'-Biphenyl	9.26	154	94239	10.44	nq	96
46) 2-Chloronaphthalene	9.29	162	73651	10.46	nq	93
47) 2-Nitroaniline	9.38	65	26684	9.45	nq #	86
48) Acenaphthylene	9.70	152	127386	10.41	nq	97
49) Dimethylphthalate	9.56	163	85474	9.78	nq	99
50) 2,6-Dinitrotoluene	9.63	165	18816	10.42	nq #	53
51) Acenaphthene	9.87	154	77873	10.39	nq	99
52) 3-Nitroaniline	9.79	138	23969	10.77	nq	98
53) 2,4-Dinitrophenol	9.89	184	6828	7.16	nq #	68
54) Dibenzofuran	10.04	168	106254	10.48	nq	96
55) 4-Nitrophenol	9.95	139	15866	9.52	nq	91
56) 2,4-Dinitrotoluene	10.03	165	23720	9.82	nq #	52
57) Fluorene	10.38	166	85016	10.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	19024	10.00	nq #	89
59) Diethylphthalate	10.27	149	97335	10.70	nq	95
60) 4-Chlorophenyl-phenylether	10.38	204	42131	11.03	nq	91
61) 4-Nitroaniline	10.40	138	24109	10.53	nq	97
62) Azobenzene	10.54	77	109926	10.81	nq	88
64) 4,6-Dinitro-2-methylphenol	10.43	198	13086	9.64	nq	92
65) n-Nitrosodiphenylamine	10.50	169	84712	11.13	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	24383	10.51	nq #	82
67) Hexachlorobenzene	10.93	284	27426	10.63	nq #	77
68) Atrazine	11.02	200	23443	10.50	nq	96
69) Pentachlorophenol	11.13	266	14036	9.36	nq	98
70) Phenanthrene	11.34	178	137289	11.06	nq	99
71) Anthracene	11.39	178	128946	10.50	nq	98
72) Carbazole	11.55	167	132972	11.12	nq	99
73) Di-n-butylphthalate	11.89	149	171021	11.44	nq	98
74) Fluoranthene	12.53	202	143997	10.74	nq	94
76) Benzidine	12.65	184	81626	10.29	nq	99
77) Pyrene	12.75	202	156018	10.49	nq	99
79) Butylbenzylphthalate	13.38	149	70443	9.82	nq #	67
80) Benzo(a)anthracene	13.94	228	136194	10.71	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	47636	10.30	nq #	96
82) Chrysene	13.97	228	125180	10.28	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	102029	10.23	nq #	93
84) Di-n-octyl phthalate	14.56	149	176921	10.46	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	111554	9.62	nq	98
87) Benzo(b)fluoranthene	14.98	252	245177	19.70	nq #	97
88) Benzo(k)fluoranthene	14.98	252	245177	22.60	nq	99
89) Benzo(a)pyrene	15.29	252	107989	10.10	nq #	92
90) Dibenzo(a,h)anthracene	16.72	278	94592	10.00	nq	98
91) Benzo(g,h,i)perylene	17.11	276	89408	9.71	nq	97

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

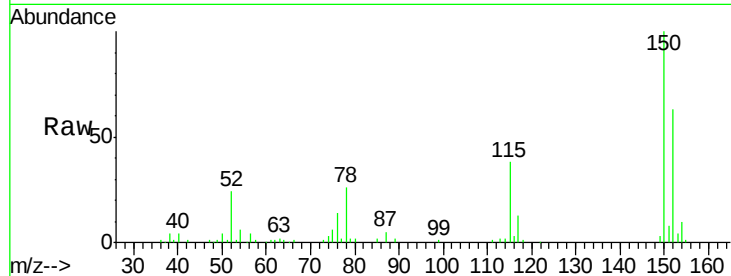


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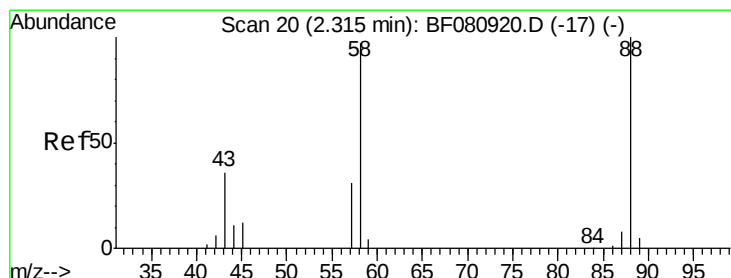
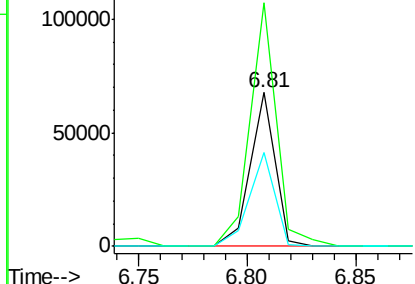
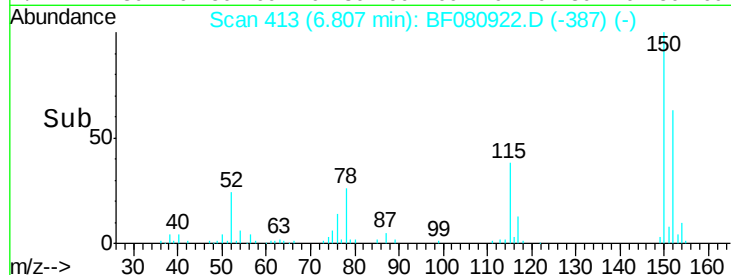
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53899
Ion Ratio Lower Upper
152 100
150 158.4 127.4 191.2
115 60.8 52.6 78.8



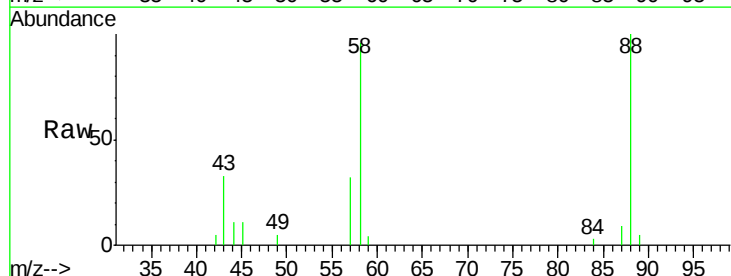
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



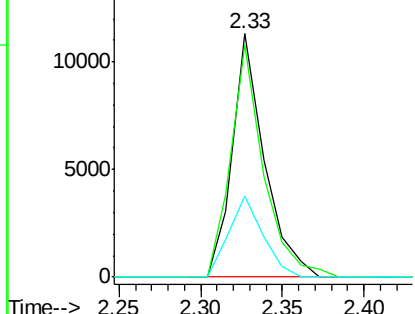
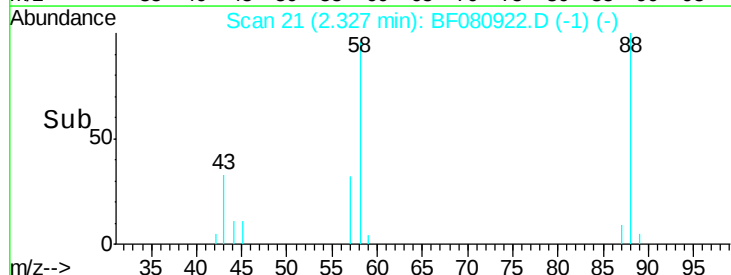
#2

1,4-Dioxane
Concen: 9.82 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion: 88 Resp: 15370
Ion Ratio Lower Upper
88 100
58 97.6 79.3 118.9
43 34.9 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

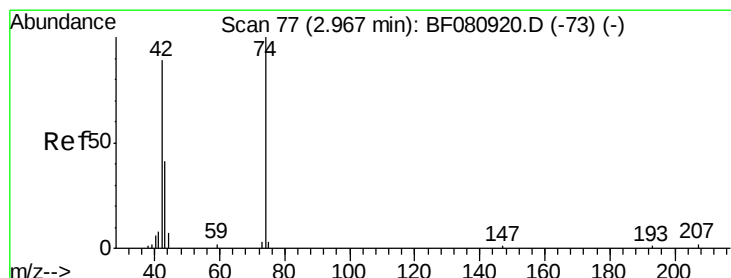
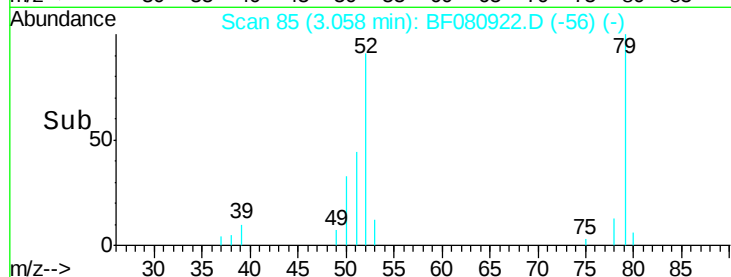
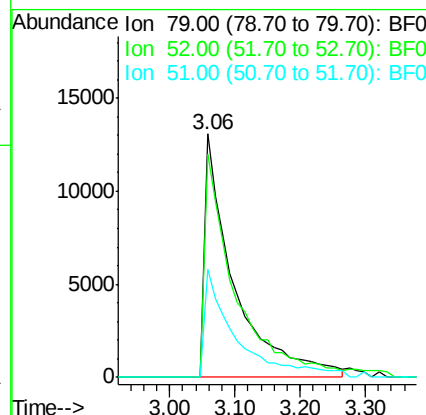
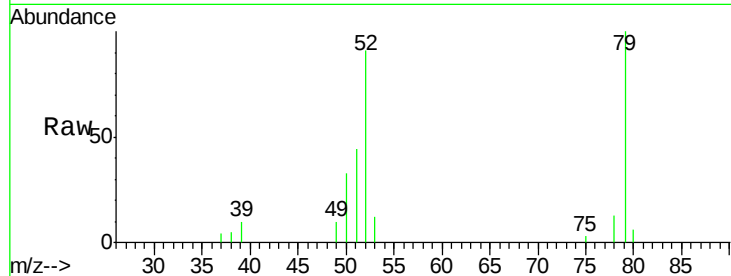




#3
 Pvridine
 Concen: 9.13 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

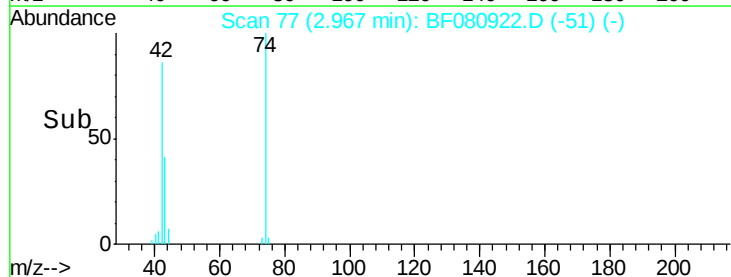
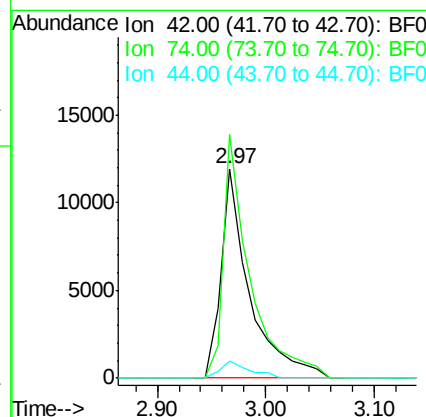
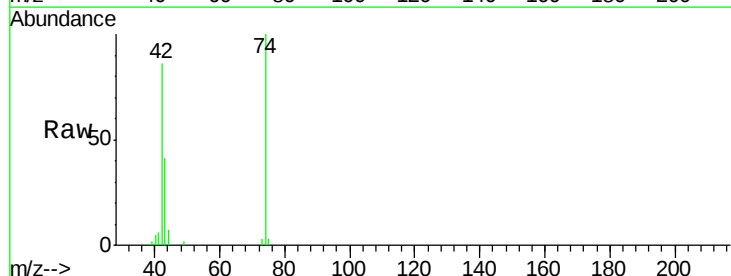
Instrument :
 BNA_F
 ClientSampleId :

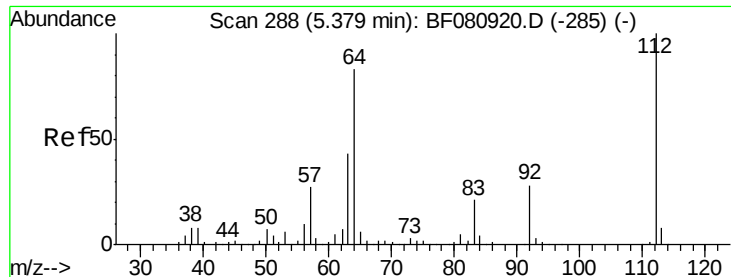
Tot Ion: 79 Resp: 40804
 Ion Ratio Lower Upper
 79 100
 52 91.5 77.2 115.8
 51 44.2 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 9.58 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion: 42 Resp: 21696
 Ion Ratio Lower Upper
 42 100
 74 116.4 89.8 134.8
 44 8.4 6.5 9.7





#5

2-Fluorophenol

Concen: 21.02 ng

RT: 5.38 min Scan# 288

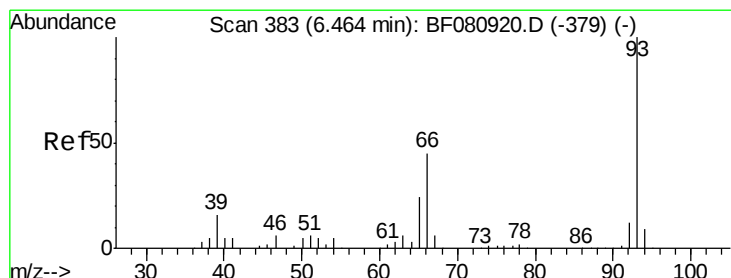
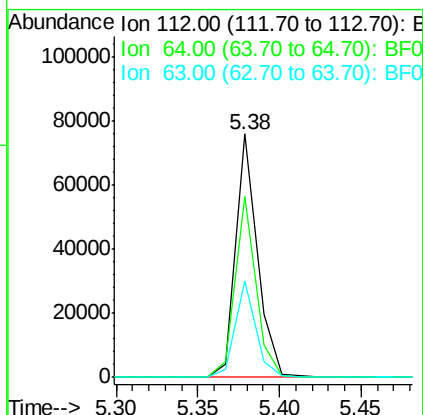
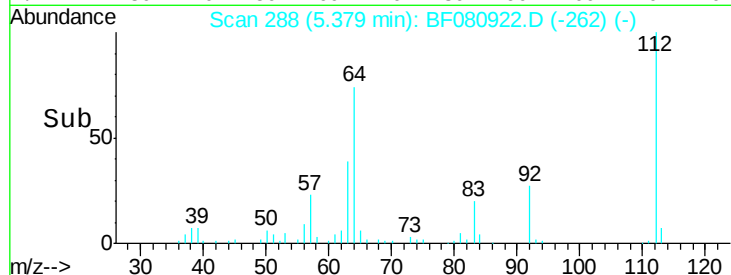
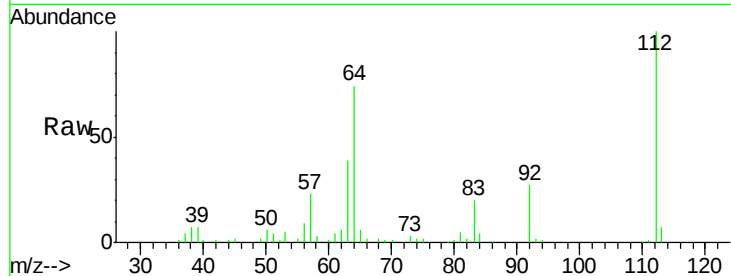
Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	69333
Ion	Ratio	Lower	Upper
112	100		
64	74.2	66.1	99.1
63	39.5	34.6	52.0



#6

Aniline

Concen: 10.36 ng

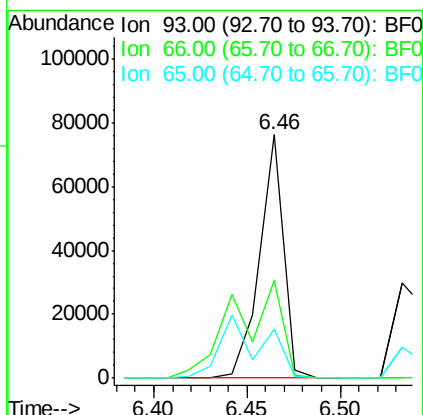
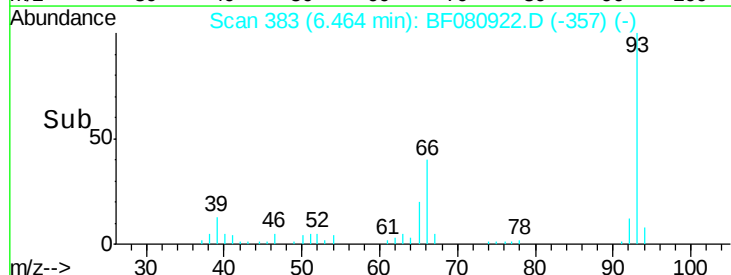
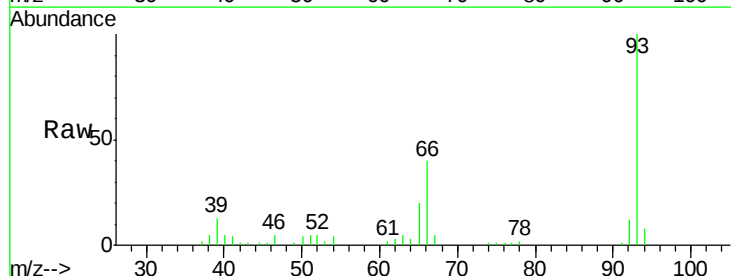
RT: 6.46 min Scan# 383

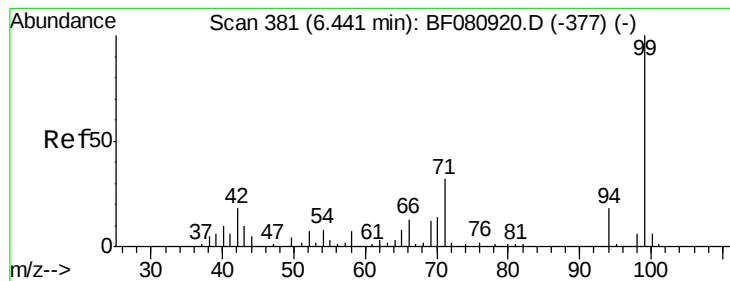
Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Tgt Ion:	93	Resp:	68809
Ion	Ratio	Lower	Upper
93	100		
66	39.9	36.2	54.4
65	20.2	19.0	28.4





#7

Phenol-d6

Concen: 21.45 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampled :

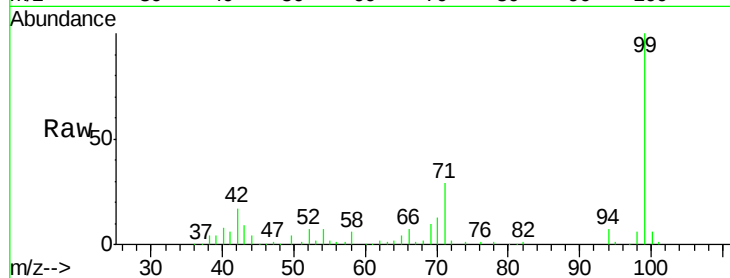
Tot Ion: 99 Resp: 96983

Ion Ratio Lower Upper

99 100

42 16.6 14.4 21.6

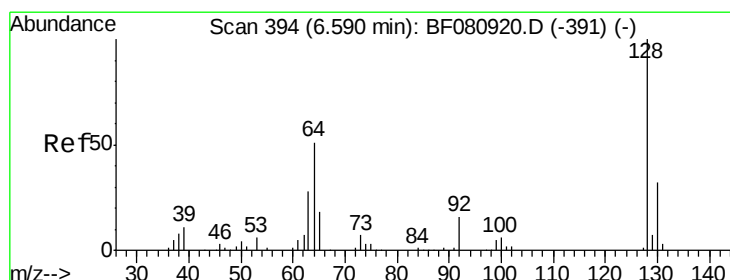
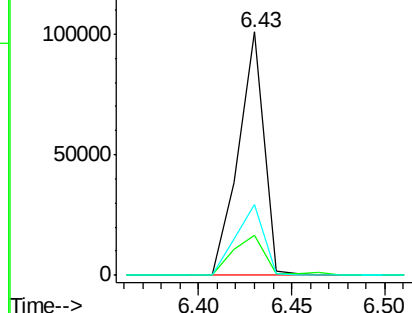
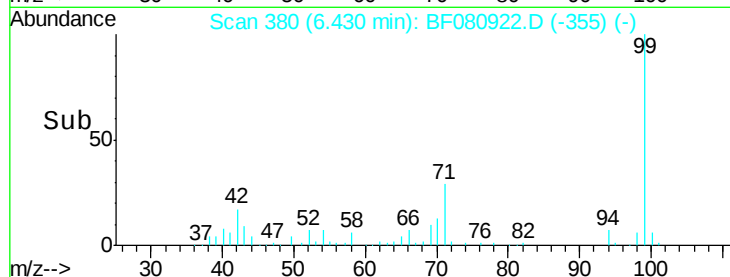
71 29.1 25.8 38.8



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: 10.01 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

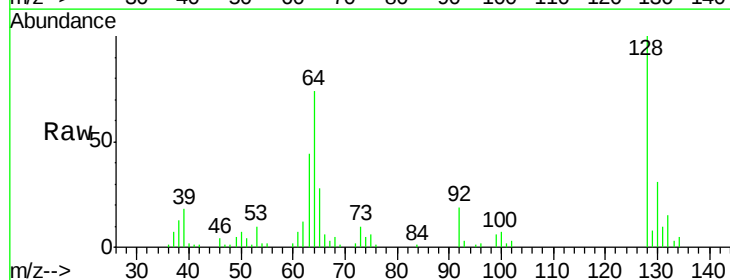
Tgt Ion:128 Resp: 38196

Ion Ratio Lower Upper

128 100

130 30.9 12.4 52.4

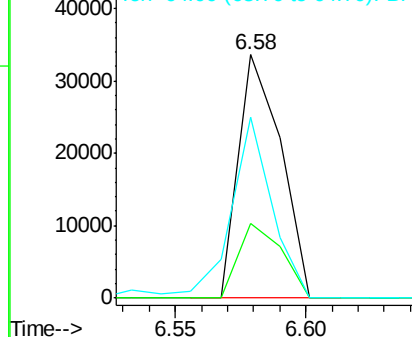
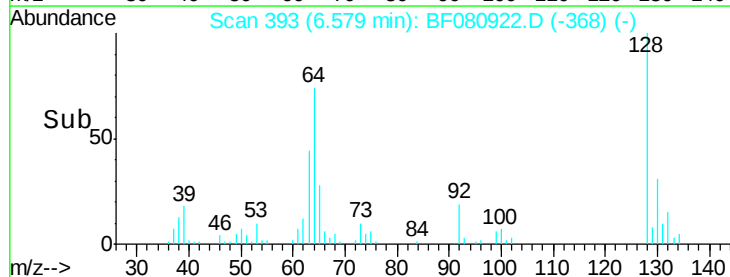
64 74.1 32.1 72.1#

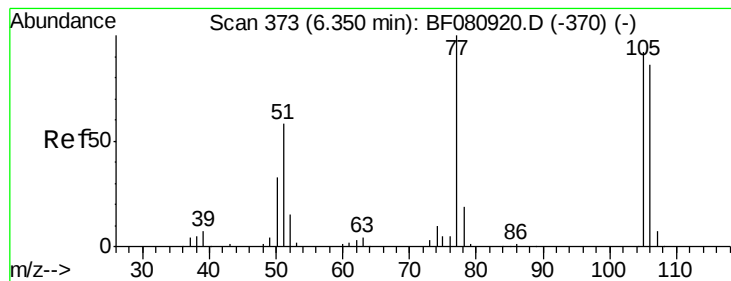


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.82 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampled :

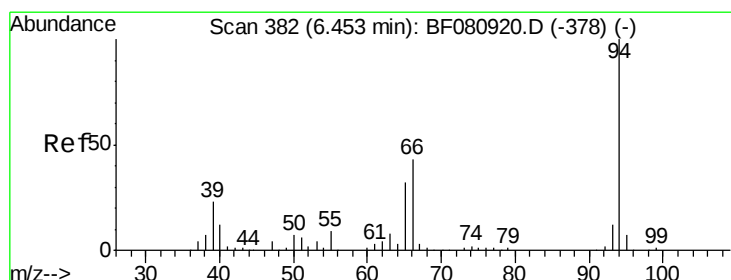
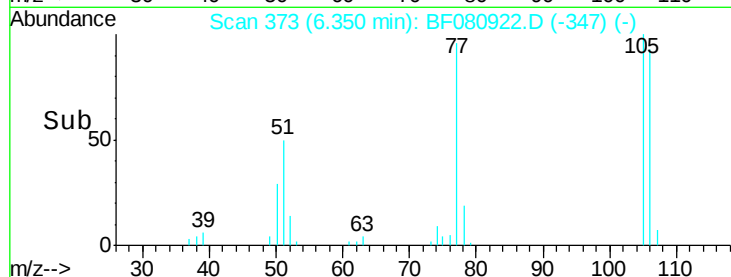
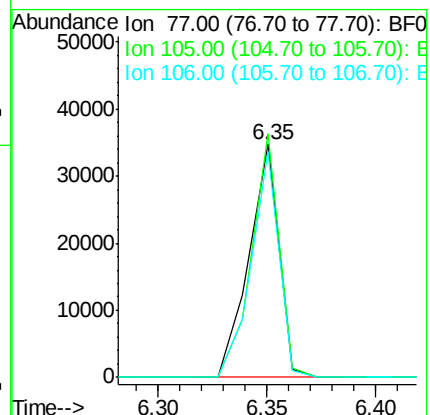
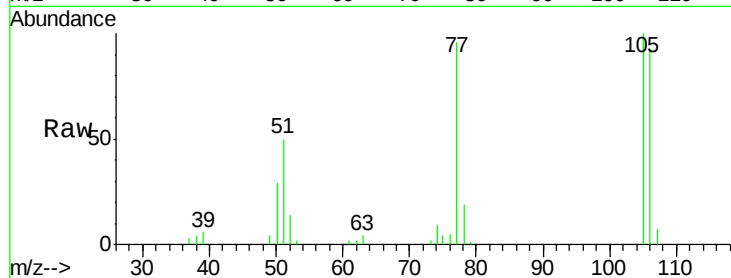
Tot Ion: 77 Resp: 33150

Ion Ratio Lower Upper

77 100

105 104.3 71.6 111.6

106 96.9 65.7 105.7



#10

Phenol

Concen: 11.19 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

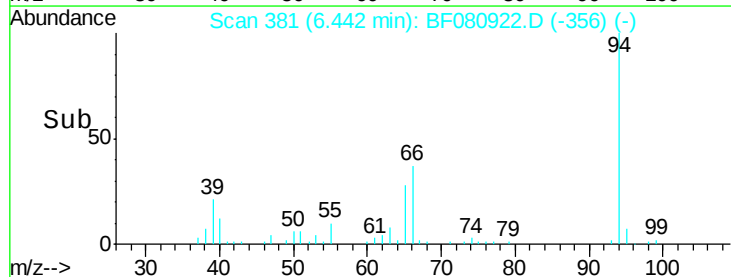
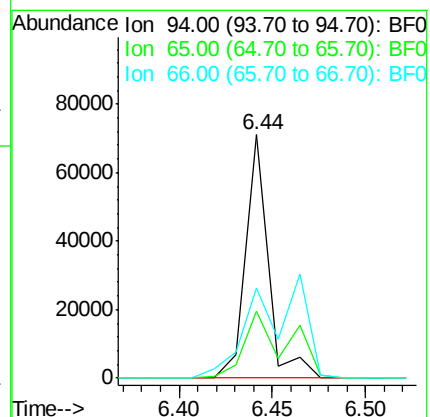
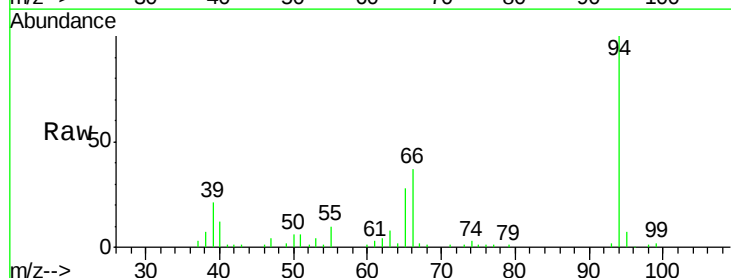
Tgt Ion: 94 Resp: 59995

Ion Ratio Lower Upper

94 100

65 27.7 11.8 51.8

66 36.9 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 9.05 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

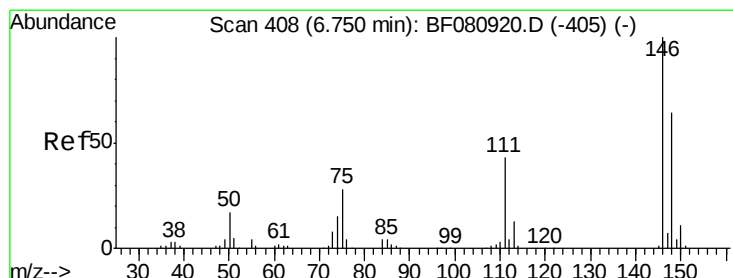
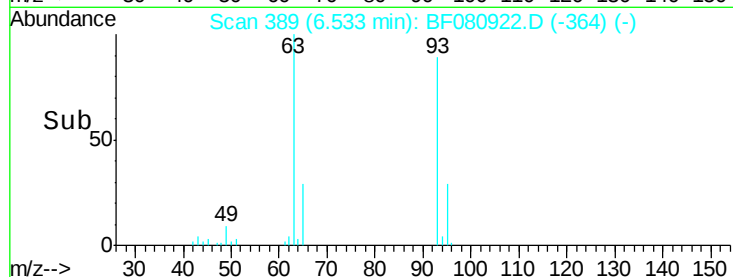
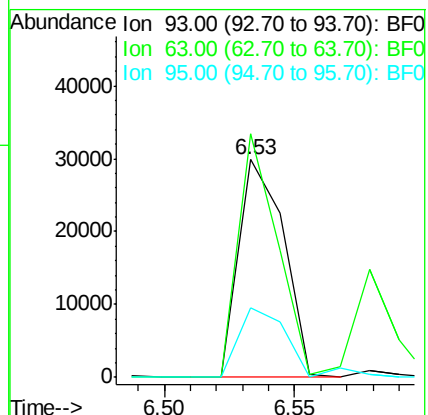
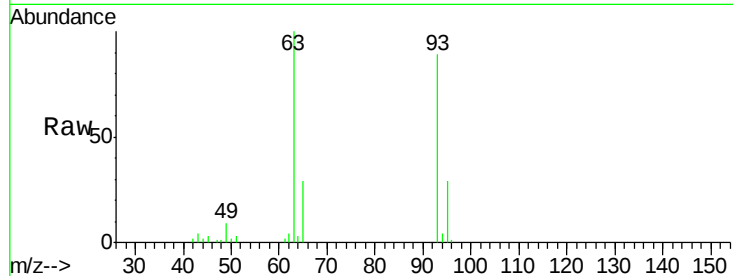
Tot Ion: 93 Resp: 36251

Ion Ratio Lower Upper

93 100

63 111.7 76.7 116.7

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 9.89 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

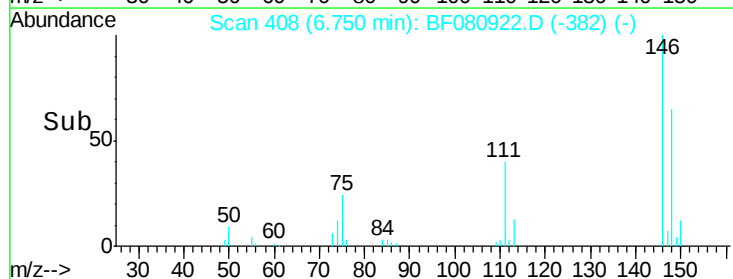
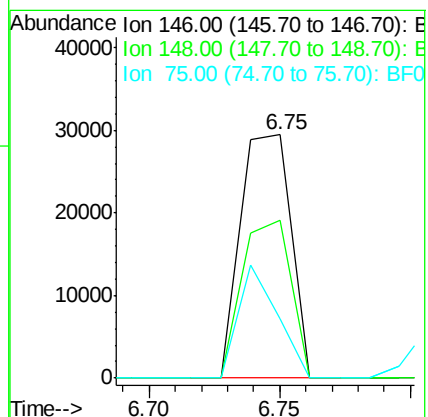
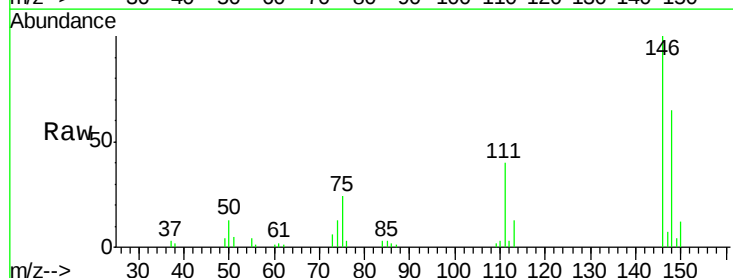
Tgt Ion: 146 Resp: 40051

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

75 24.1 22.2 33.4

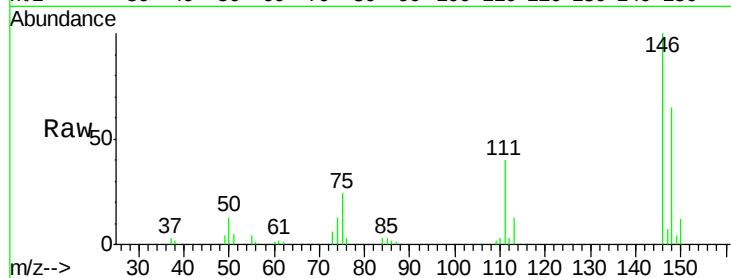




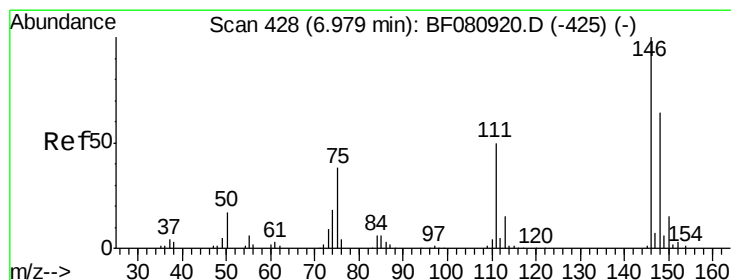
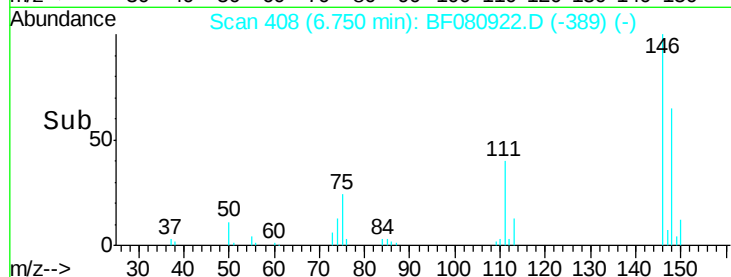
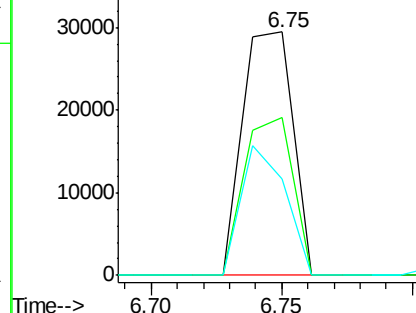
#13
 1,4-Dichlorobenzene
 Concen: 9.51 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.08 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 40051
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.2 78.4
 111 39.6 31.5 47.3

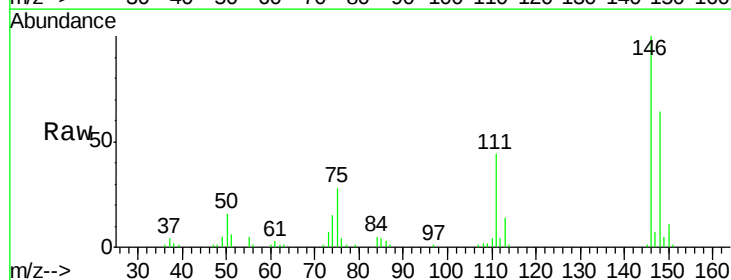


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

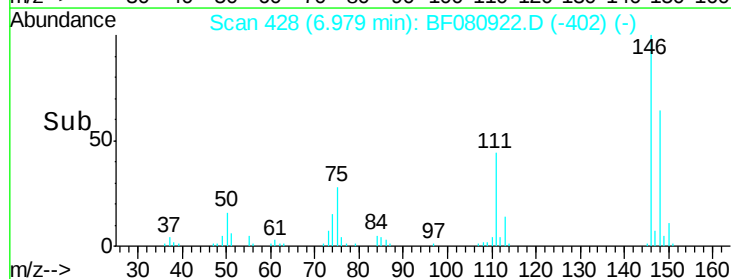
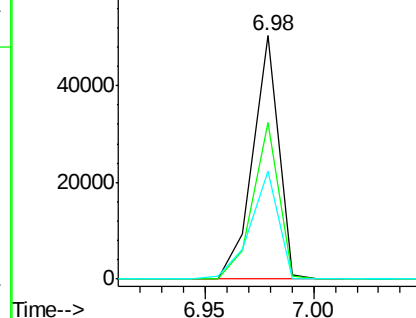


#14
 1,2-Dichlorobenzene
 Concen: 10.90 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:146 Resp: 41490
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 44.1 40.0 60.0



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





#15

Benzyl Alcohol

Concen: 10.18 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

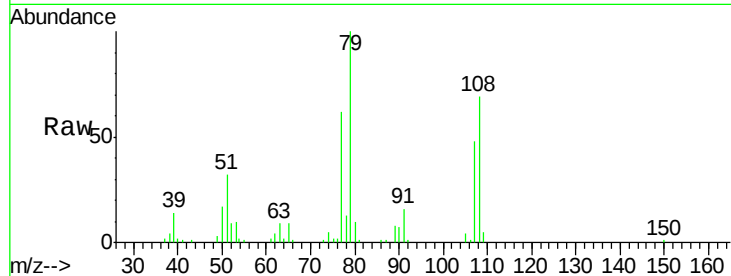
Tot Ion: 79 Resp: 37647

Ion Ratio Lower Upper

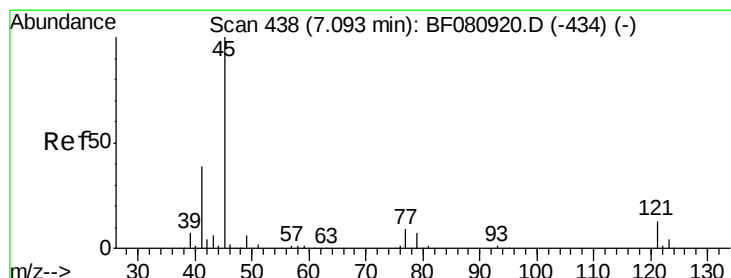
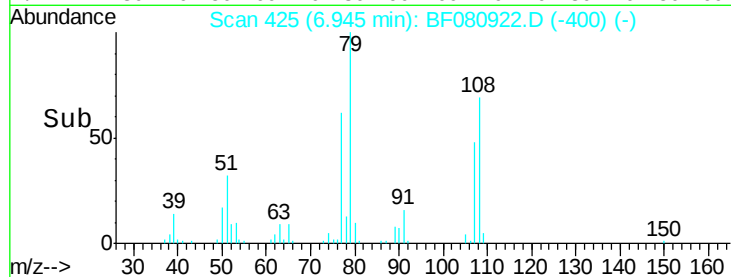
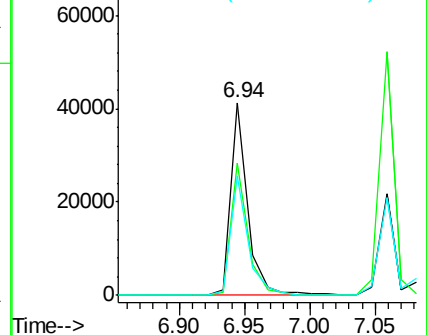
79 100

108 68.6 60.9 91.3

77 62.1 49.4 74.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.67 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

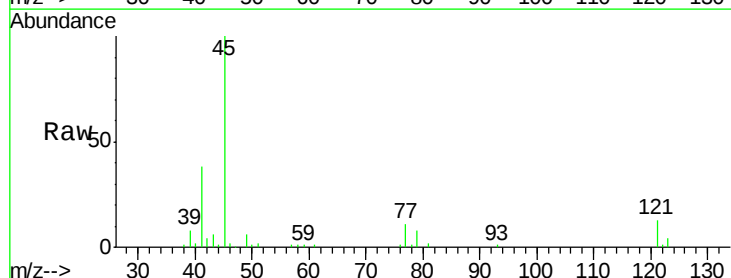
Tgt Ion: 45 Resp: 85978

Ion Ratio Lower Upper

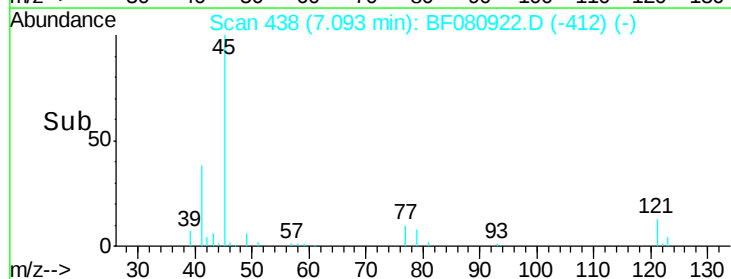
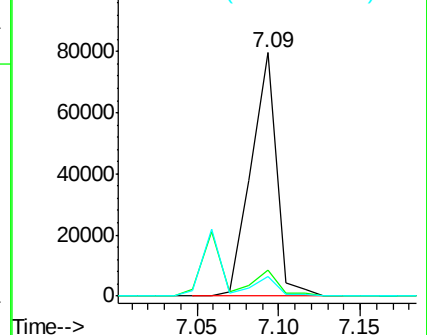
45 100

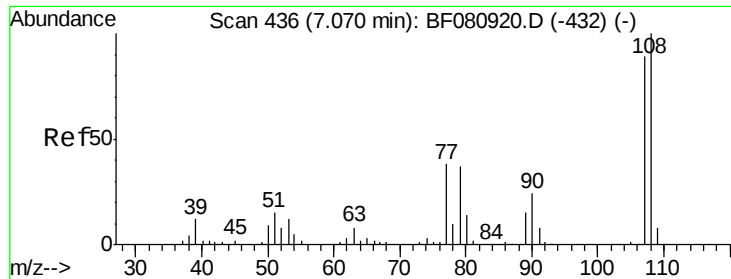
77 10.9 0.0 29.6

79 8.2 0.0 27.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

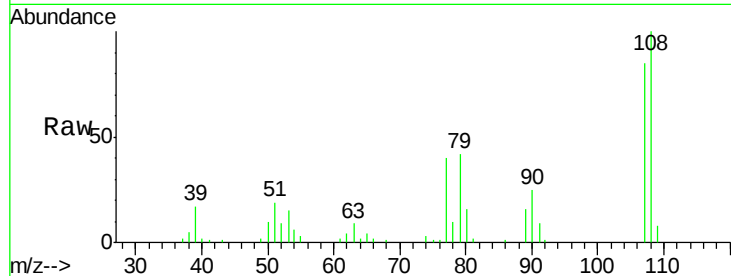




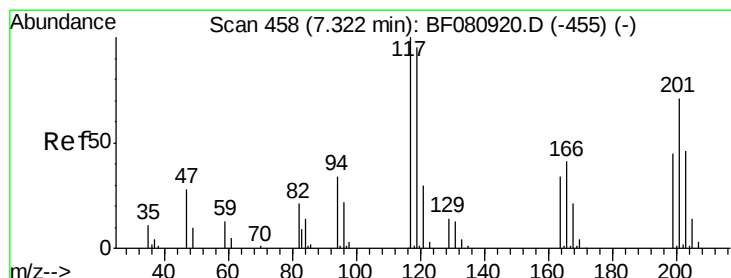
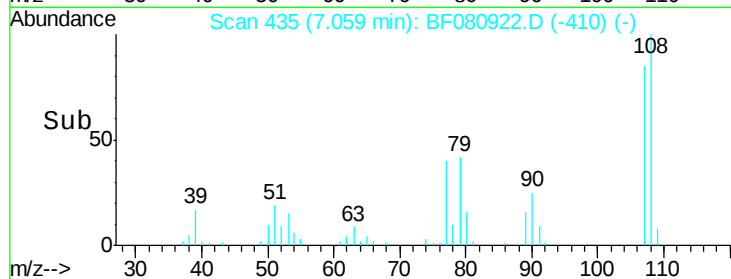
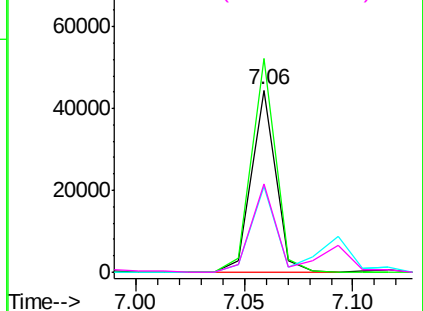
#17
2-Methylphenol
Concen: 10.66 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.4	90.3	135.5
77	47.3	34.6	51.8
79	48.8	33.6	50.4

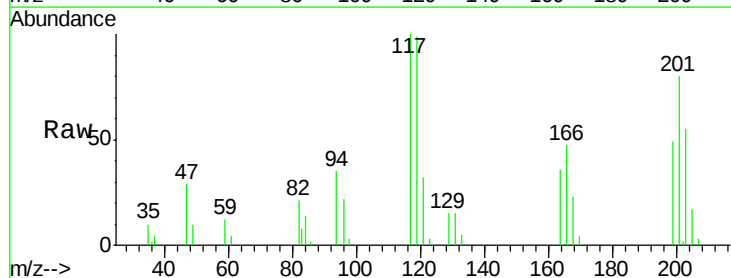


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

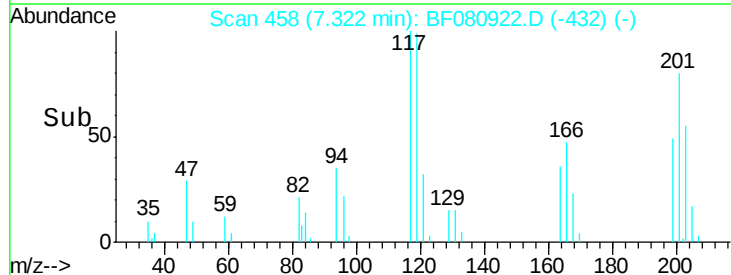
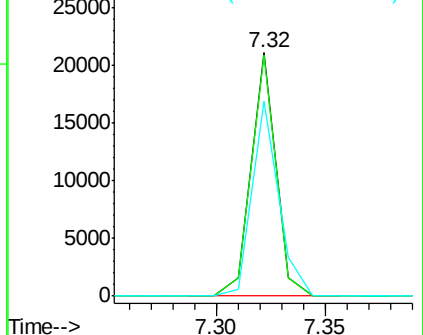


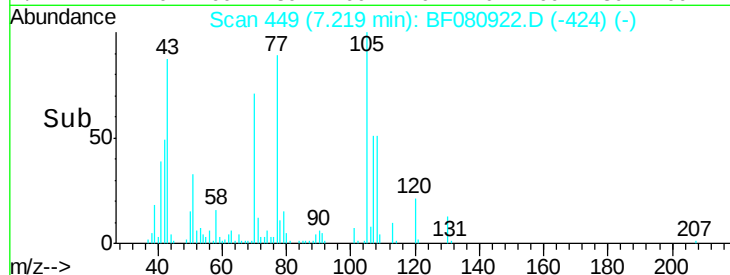
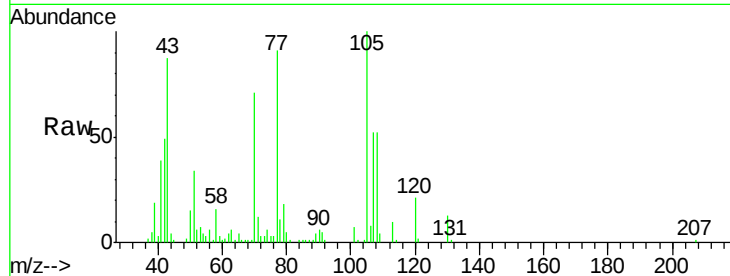
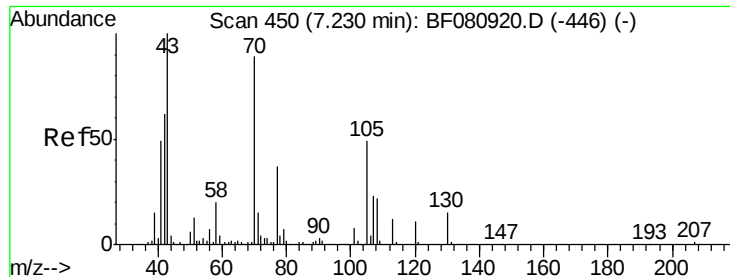
#18
Hexachloroethane
Concen: 10.35 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.3	114.5
201	80.2	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

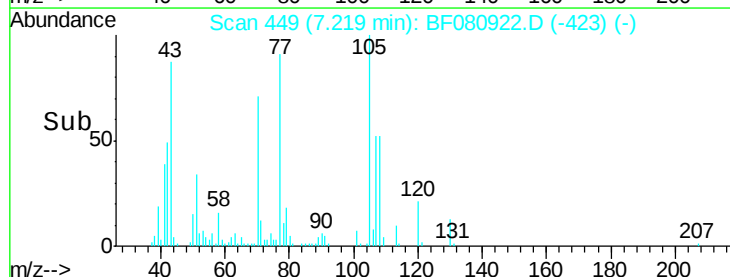
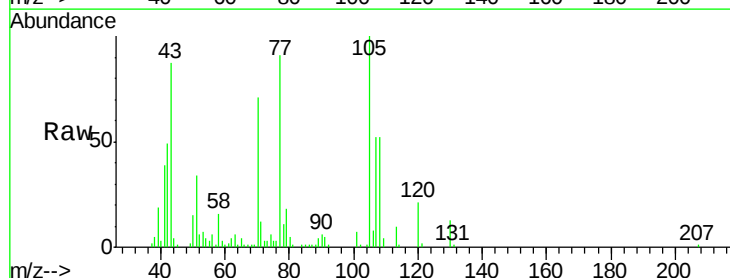
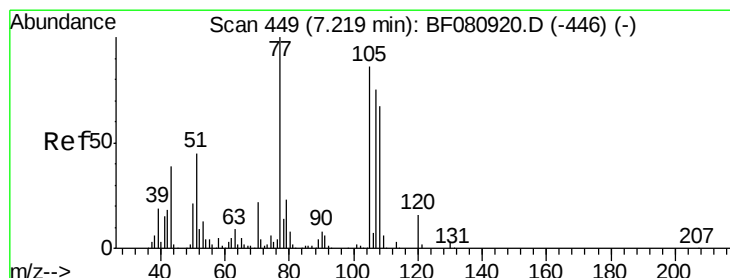
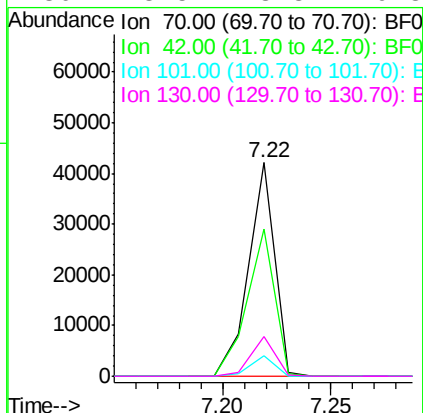




#19
n-Nitroso-di-n-propylamine
Concen: 10.68 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

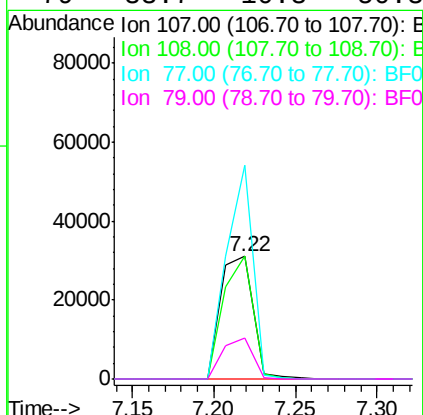
Instrument :
BNA_F
ClientSampleId :

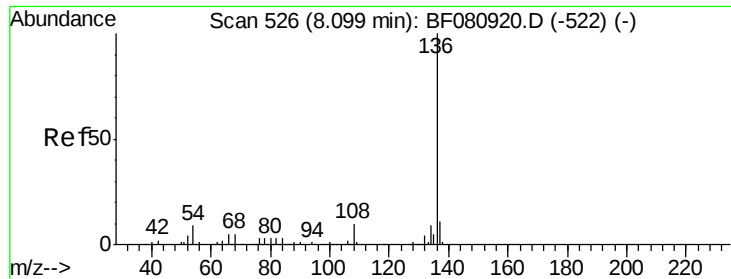
Tot Ion: 70 Resp: 35272
Ion Ratio Lower Upper
70 100
42 68.9 55.7 83.5
101 9.5 7.0 10.6
130 18.5 13.8 20.8



#20
3+4-Methylphenols
Concen: 10.38 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion: 107 Resp: 42501
Ion Ratio Lower Upper
107 100
108 99.8 69.2 109.2
77 174.4 113.0 153.0#
79 33.7 10.3 50.3

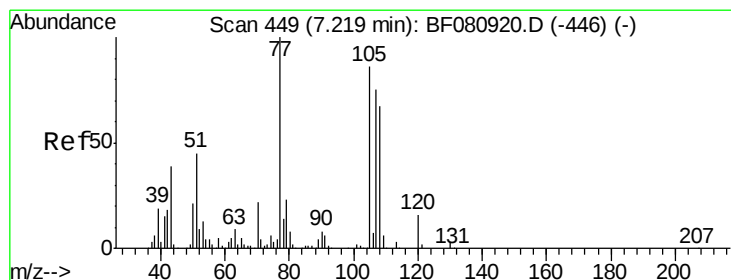
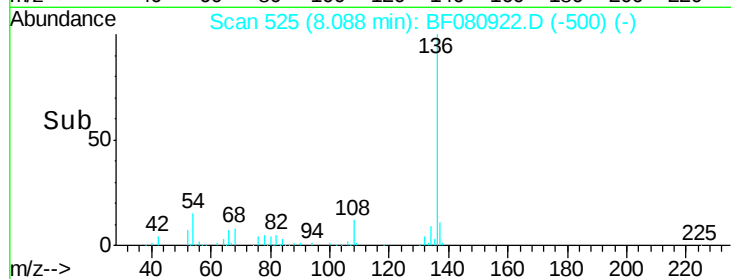
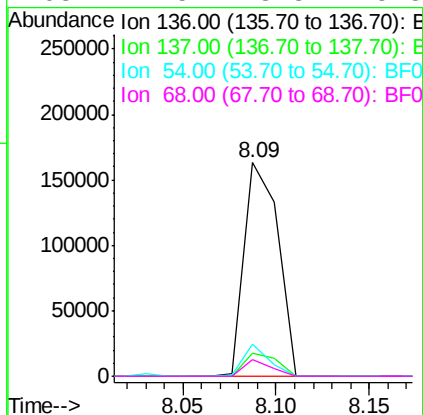
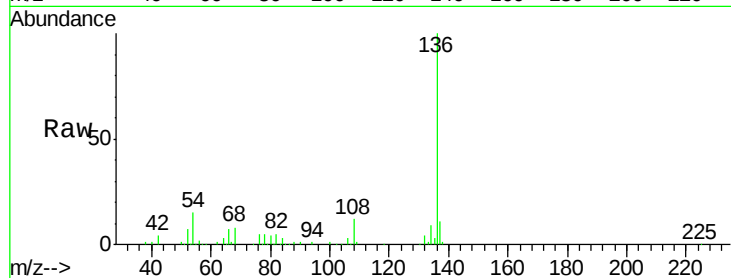




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

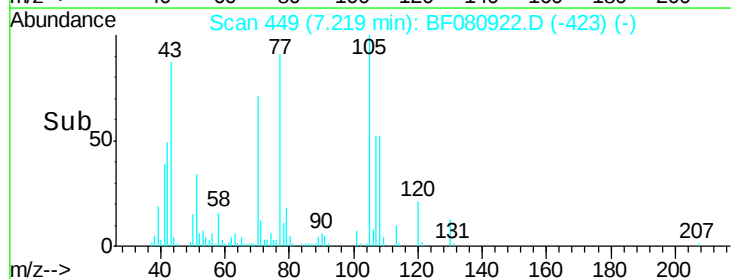
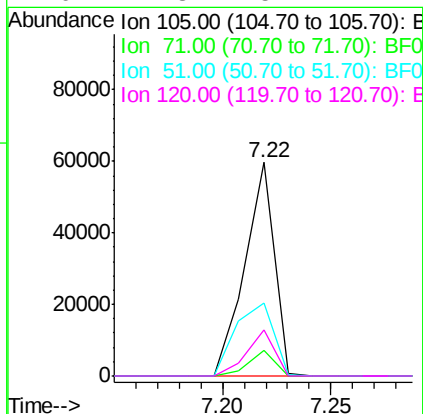
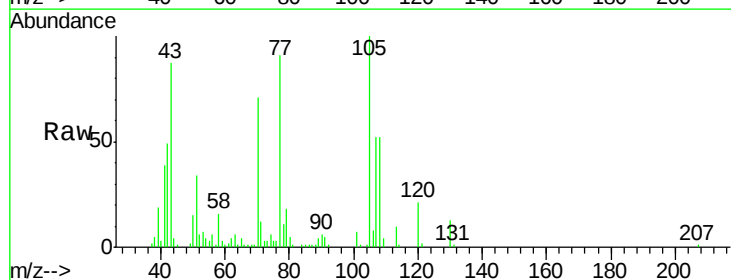
Instrument :
BNA_F
ClientSampleId :

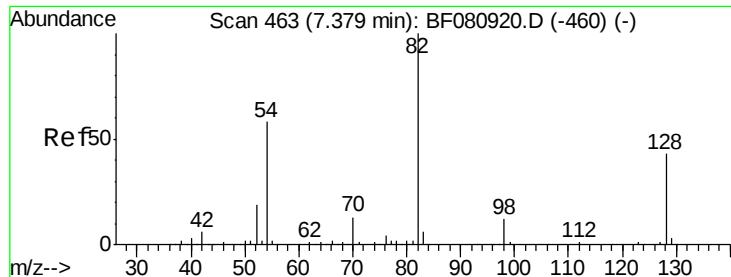
Tot Ion:136	Resp:	204547
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	15.0	7.1 10.7#
68	7.5	3.8 5.8#



#22
Acetophenone
Concen: 11.21 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:105	Resp:	56164
Ion Ratio	Lower	Upper
105	100	
71	12.0	3.3 4.9#
51	34.4	41.8 62.6#
120	21.3	15.1 22.7

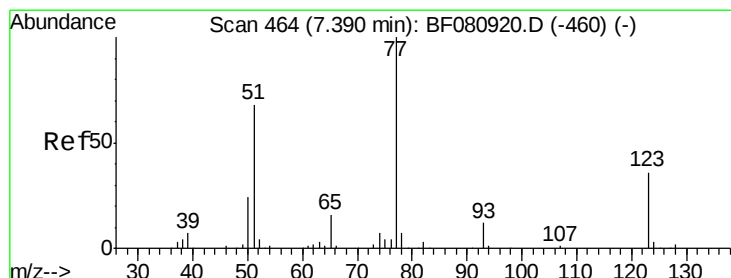
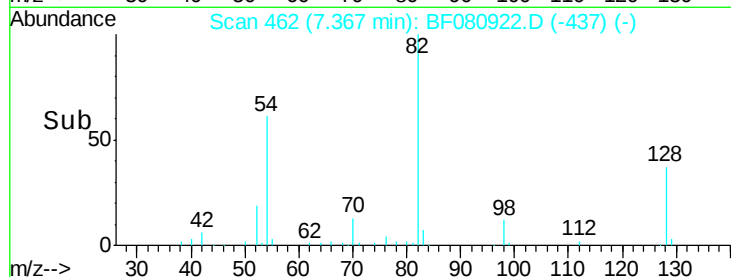
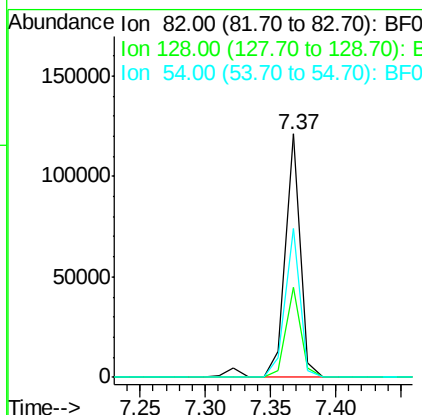
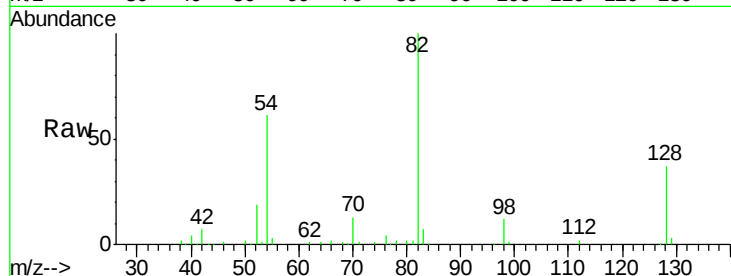




#23
 Nitrobenzene-d5
 Concen: 23.21 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

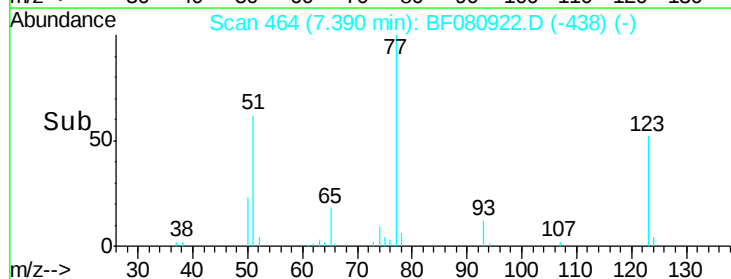
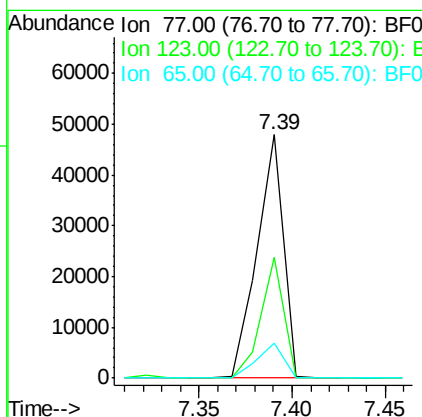
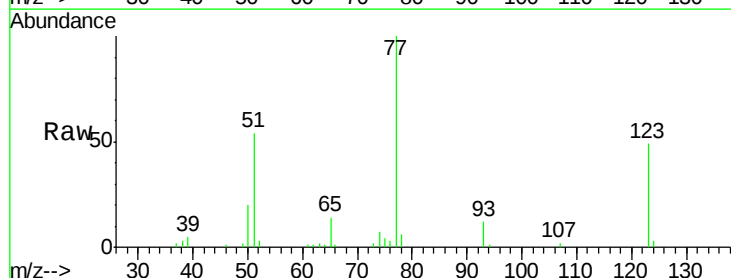
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	100359
Ion Ratio	100	Lower	Upper
128	37.1	34.1	51.1
54	61.4	46.5	69.7



#24
 Nitrobenzene
 Concen: 10.48 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion	77	Resp	46642
Ion Ratio	100	Lower	Upper
123	49.4	28.7	43.1#
65	14.3	12.5	18.7





#25

Isophorone

Concen: 11.25 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampled :

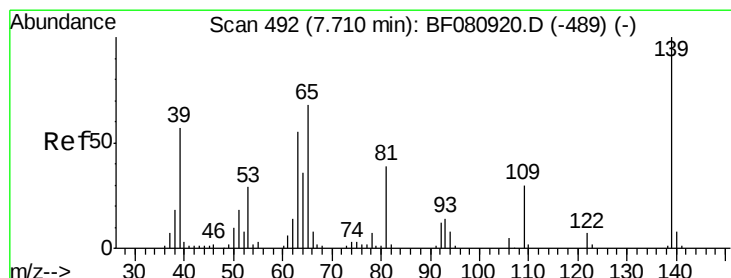
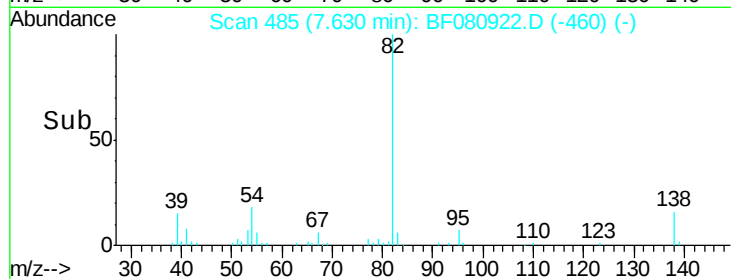
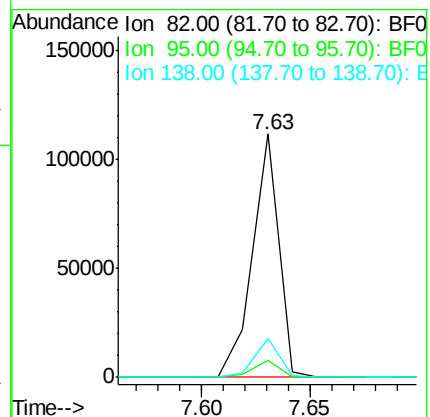
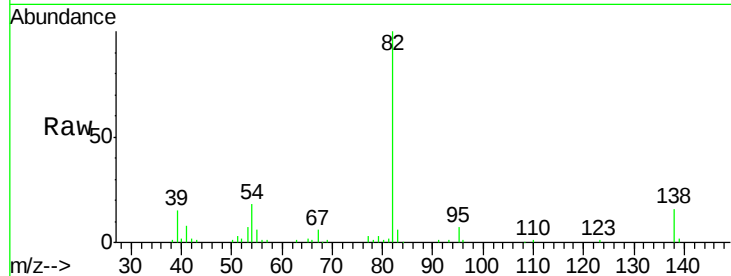
Tot Ion: 82 Resp: 93579

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 15.7 14.1 21.1



#26

2-Nitrophenol

Concen: 10.95 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

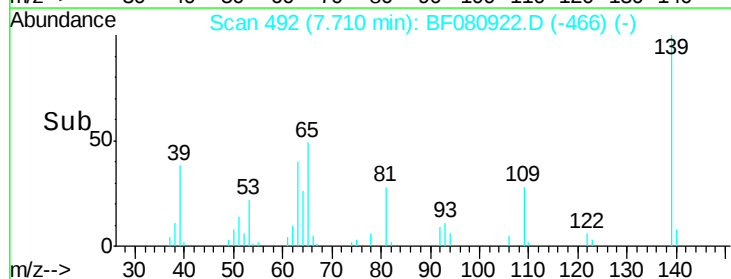
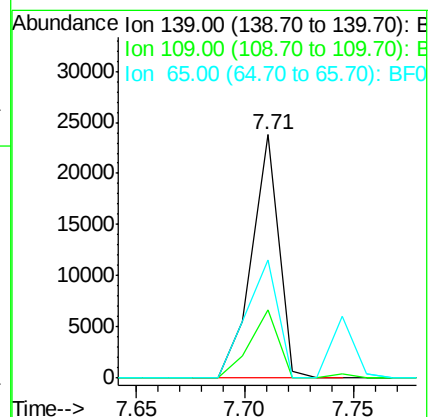
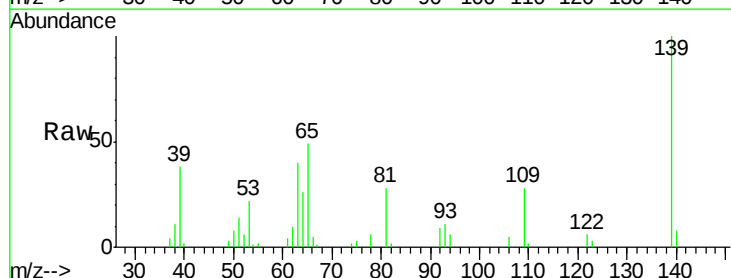
Tgt Ion: 139 Resp: 20514

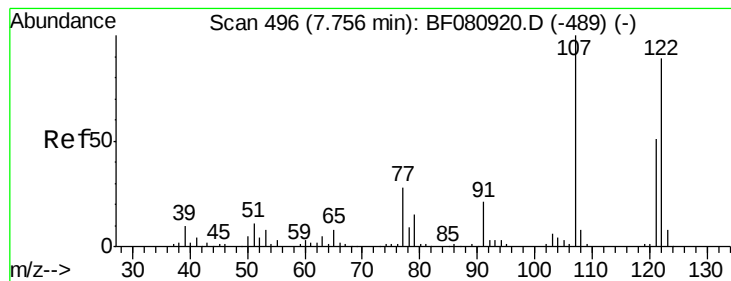
Ion Ratio Lower Upper

139 100

109 28.0 24.1 36.1

65 48.6 54.0 81.0#

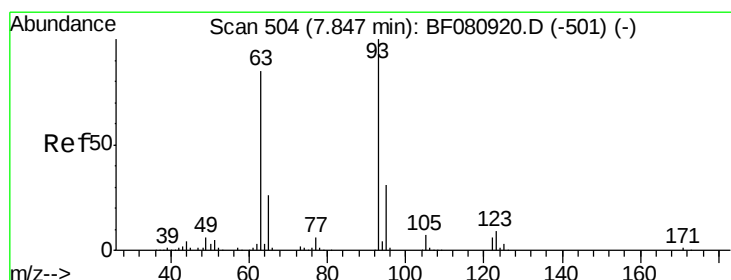
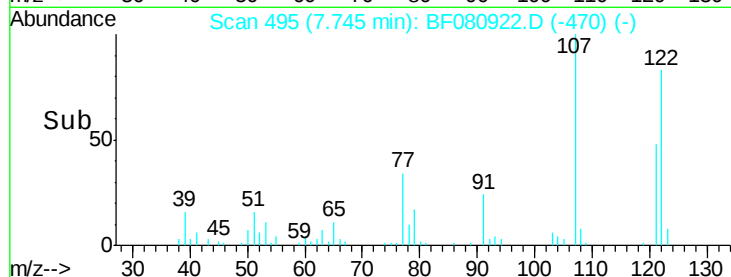
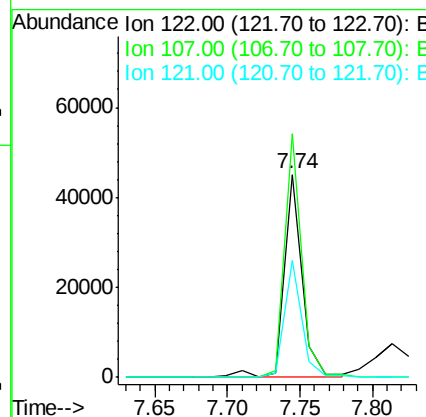
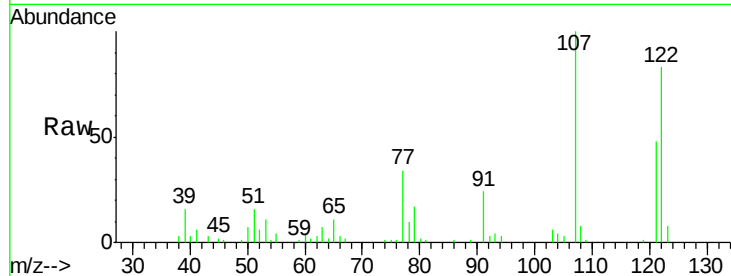




#27
 2,4-Dimethylphenol
 Concen: 10.92 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

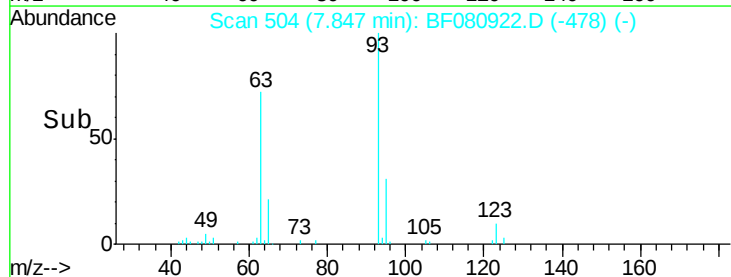
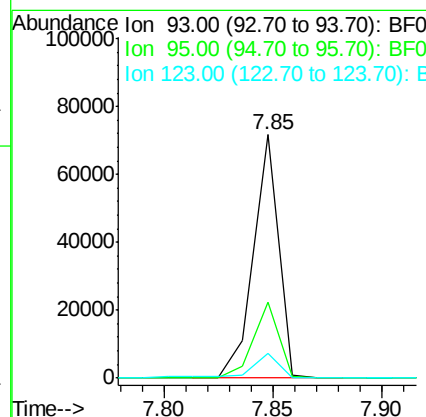
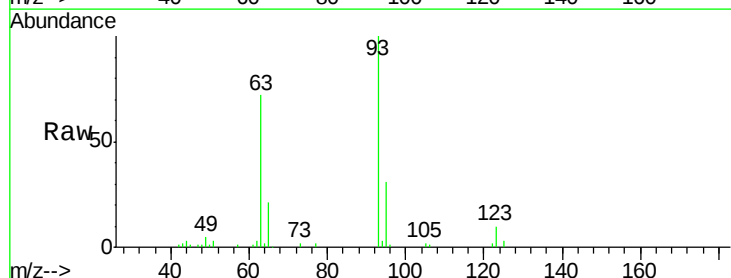
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 38305
 Ion Ratio Lower Upper
 122 100
 107 120.1 90.2 135.4
 121 57.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.47 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion: 93 Resp: 57276
 Ion Ratio Lower Upper
 93 100
 95 31.3 25.0 37.4
 123 10.2 7.4 11.0

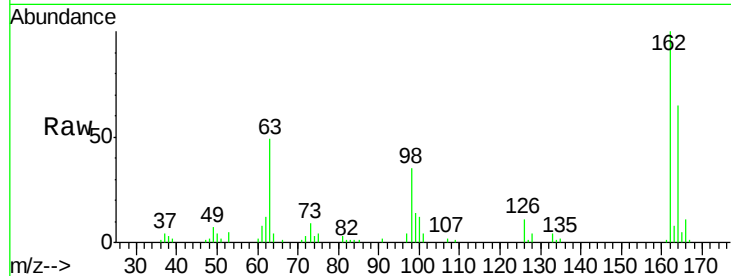




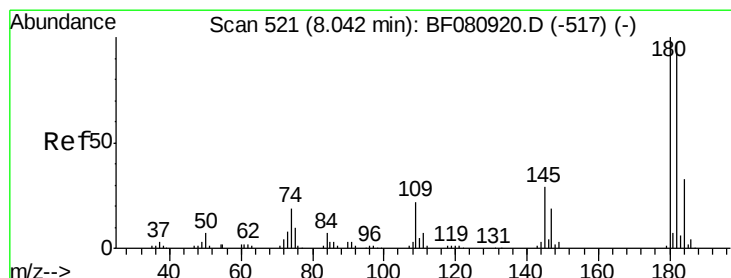
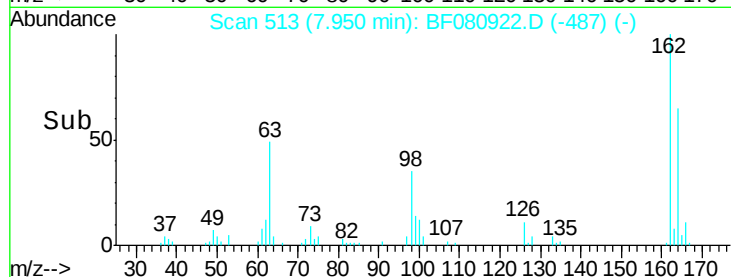
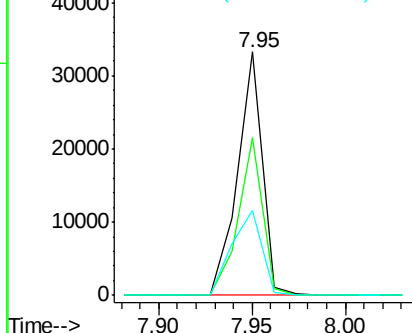
#29
 2,4-Dichlorophenol
 Concen: 10.75 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	42.3	82.3
98	35.0	27.7	67.7

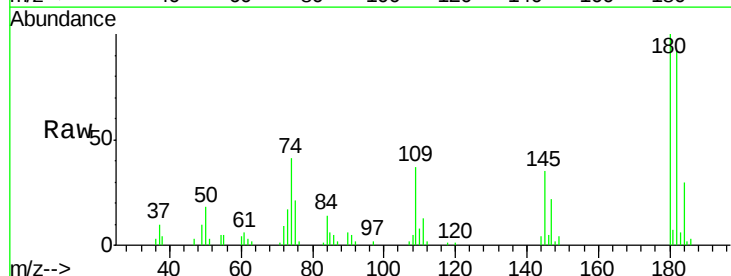


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

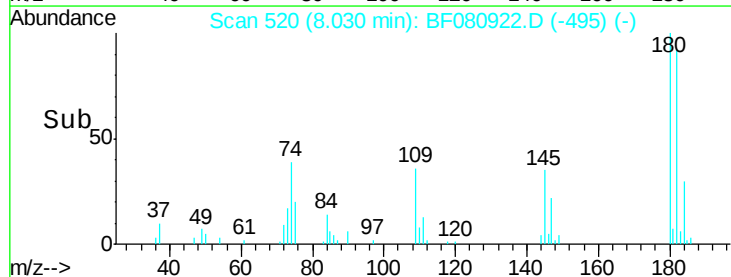
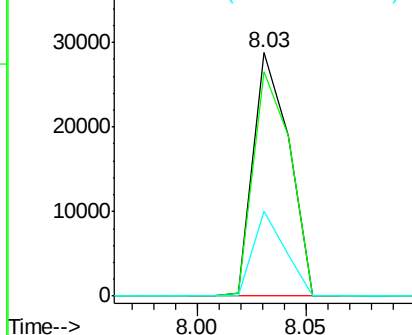


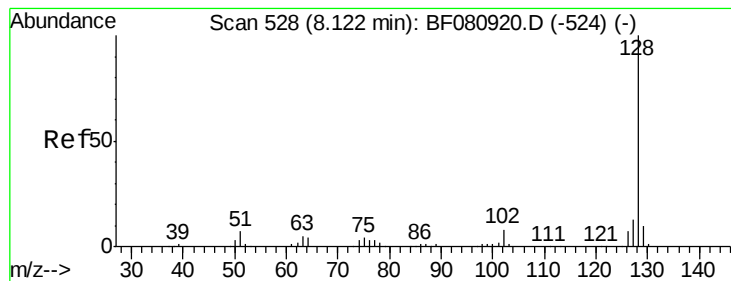
#30
 1,2,4-Trichlorobenzene
 Concen: 10.47 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.4	116.0
145	34.7	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: 10.79 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

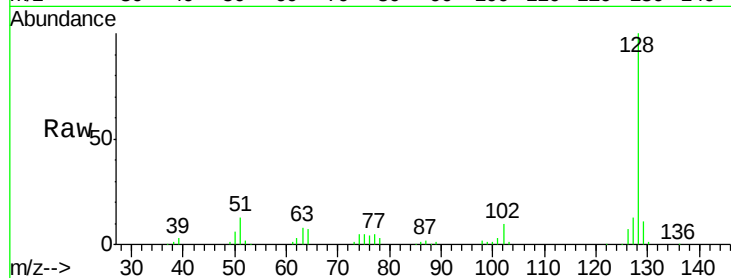
Tot Ion:128 Resp: 121639

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

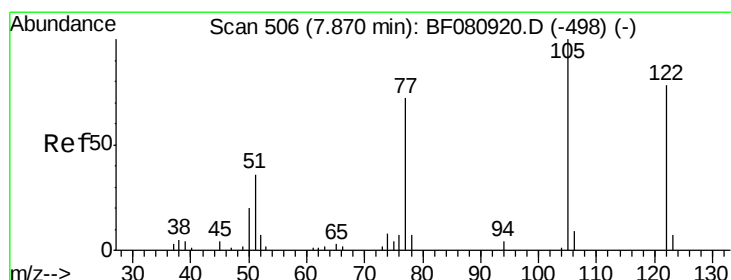
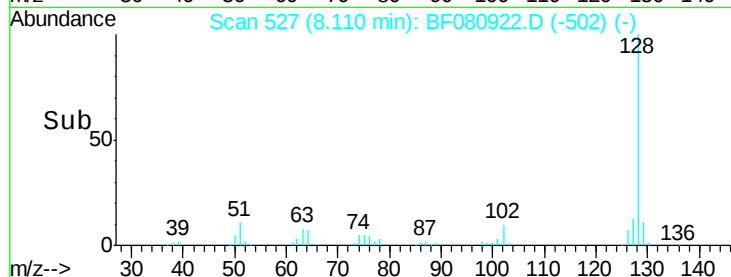
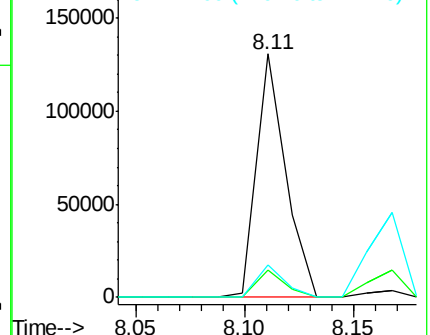
127 13.1 10.5 15.7



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: 7.59 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

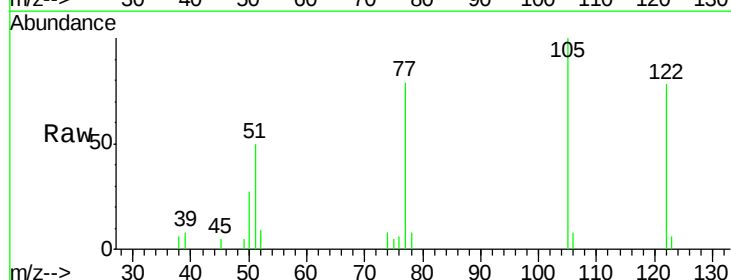
Tgt Ion:122 Resp: 16018

Ion Ratio Lower Upper

122 100

105 128.9 103.6 143.6

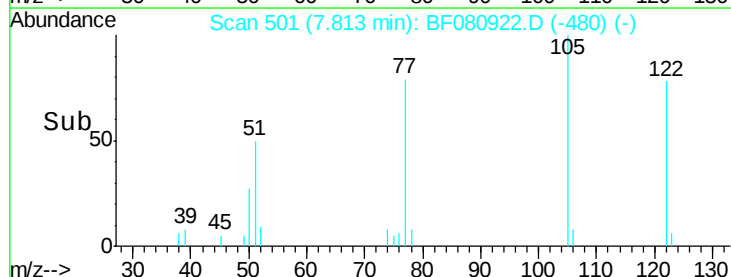
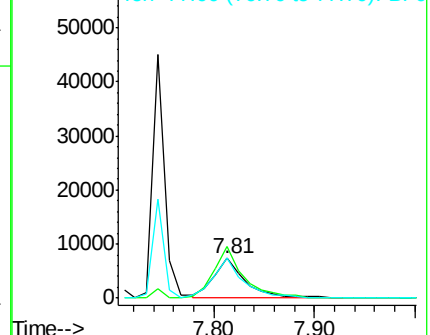
77 101.9 70.4 110.4



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

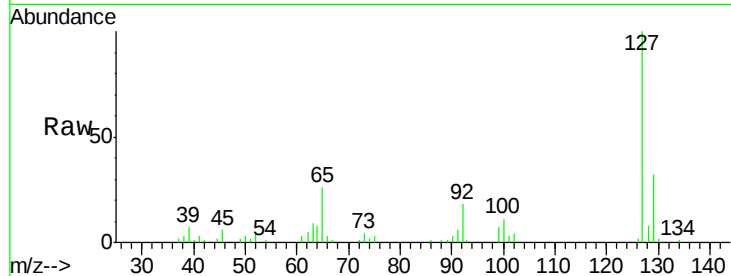




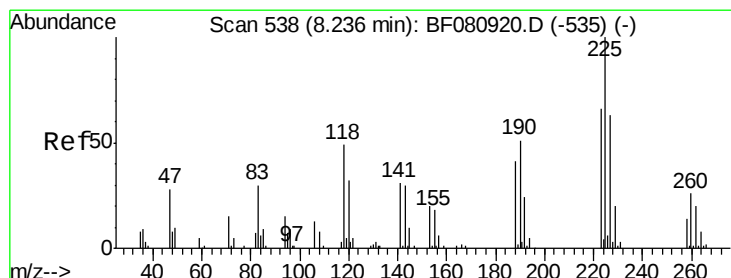
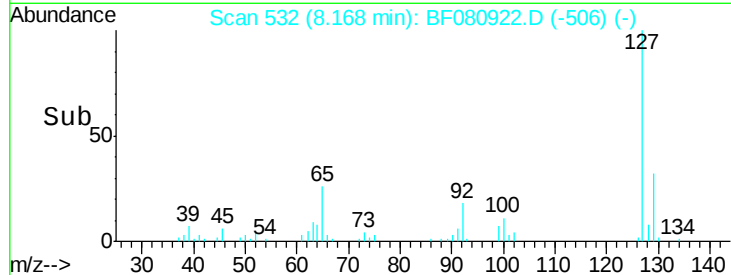
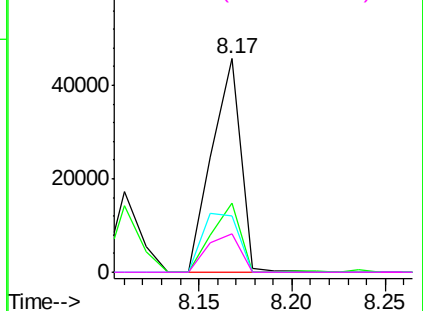
#33
4-Chloroaniline
Concen: 10.77 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	49351
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.5	30.6	45.8#
92	18.1	16.9	25.3

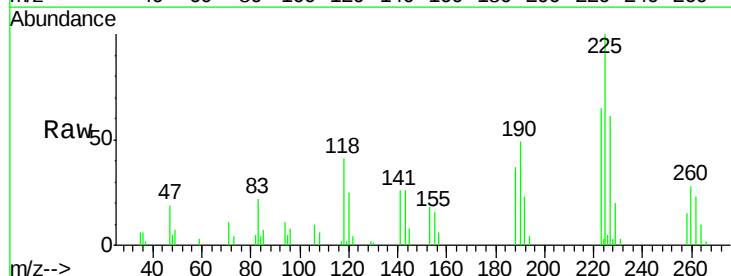


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

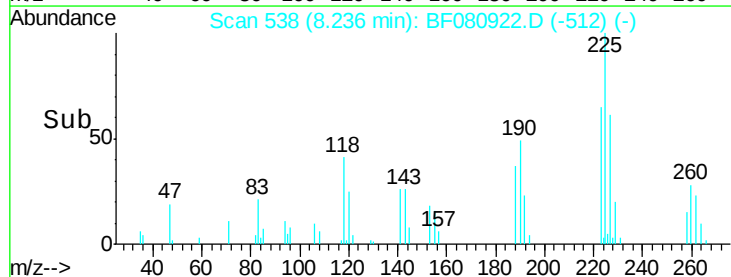
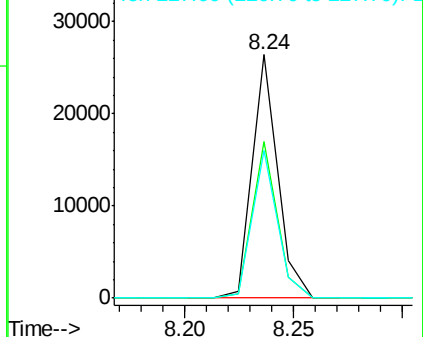


#34
Hexachlorobutadiene
Concen: 11.42 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:	225	Resp:	21400
Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.5	78.7
227	60.6	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

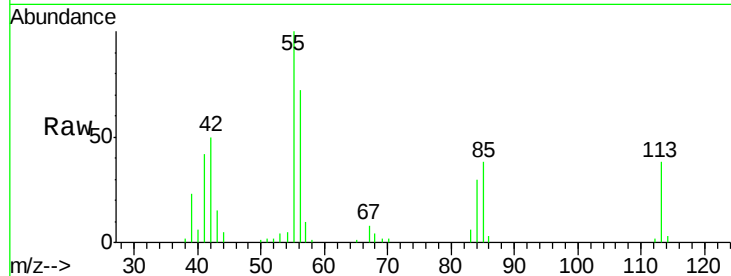




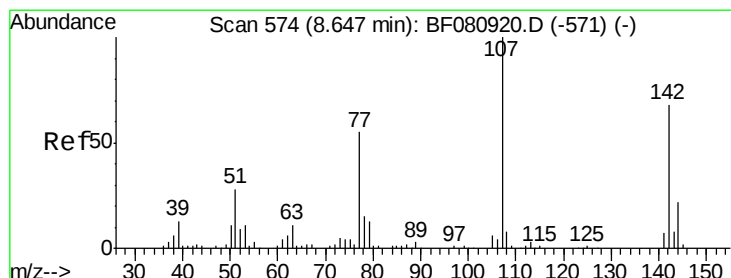
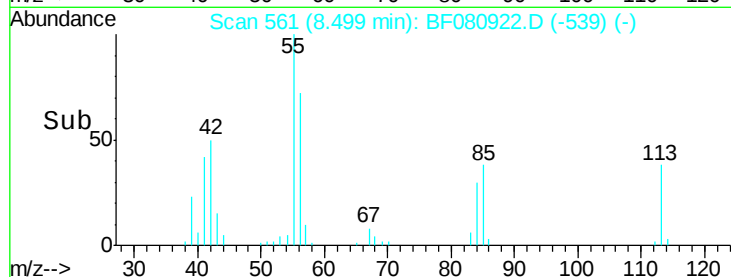
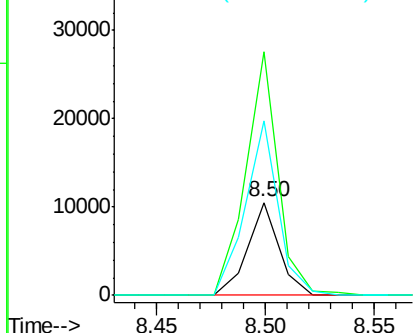
#35
Caprolactam
Concen: 10.53 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.05 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 10604
Ion Ratio Lower Upper
113 100
55 261.4 196.4 236.4#
56 187.6 137.9 177.9#

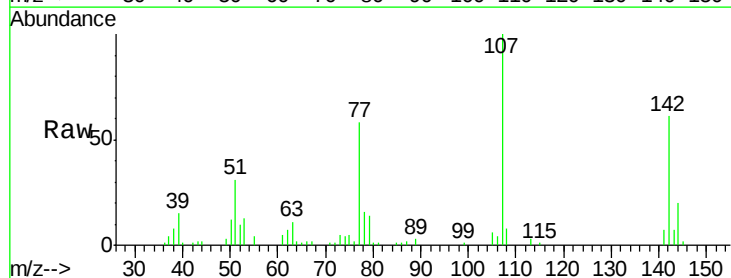


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

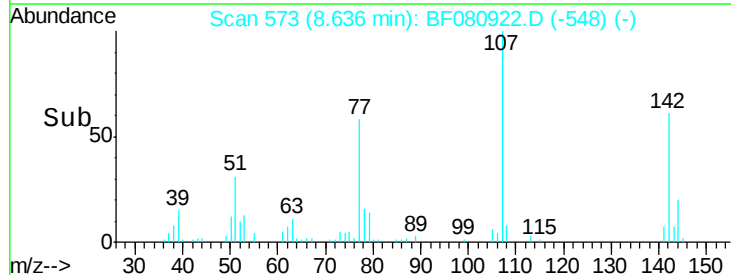
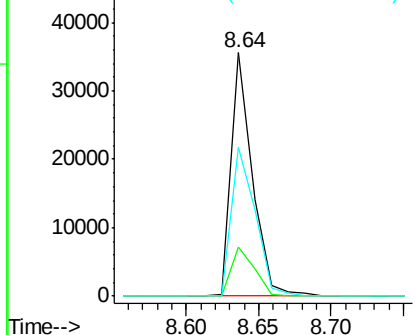


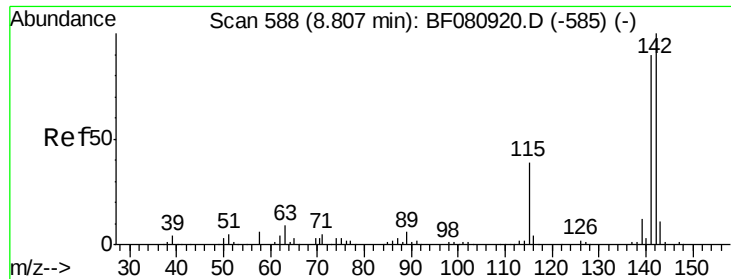
#36
4-Chloro-3-methylphenol
Concen: 10.25 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:107 Resp: 36041
Ion Ratio Lower Upper
107 100
144 20.4 17.3 25.9
142 61.2 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

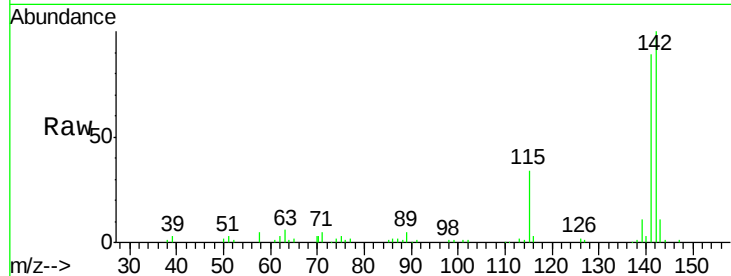




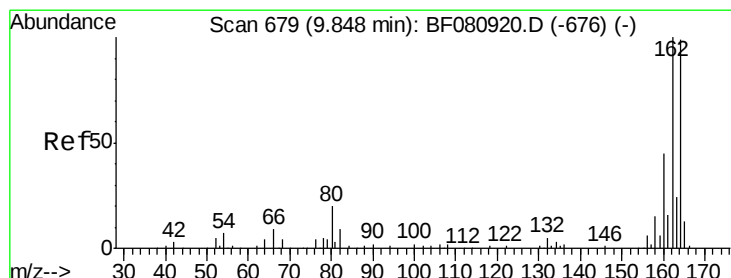
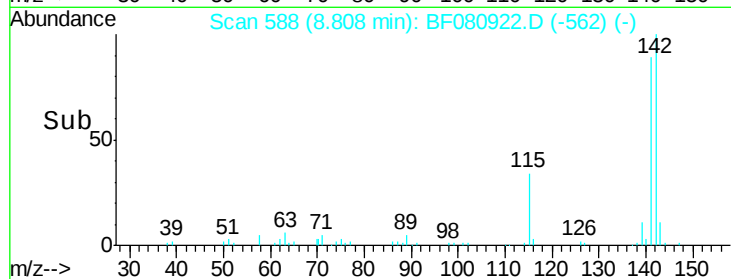
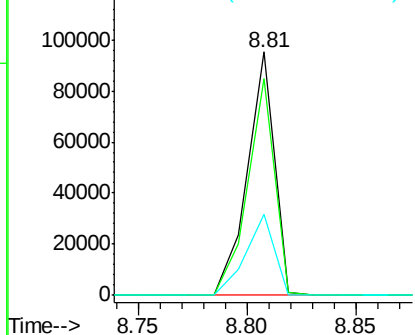
#37
 2-Methylnaphthalene
 Concen: 11.47 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 82339
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.7 107.5
 115 33.5 30.9 46.3

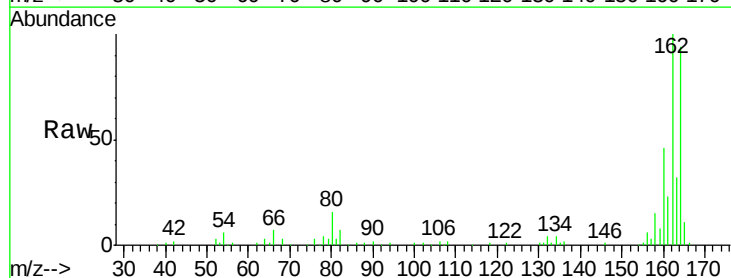


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

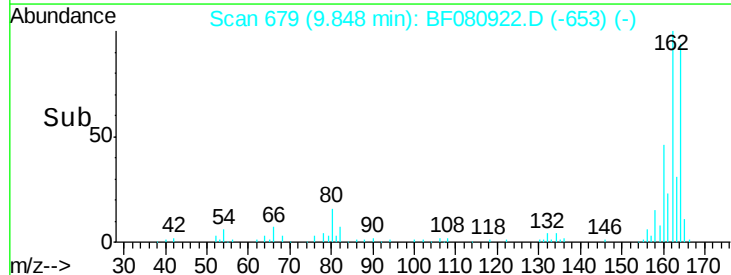
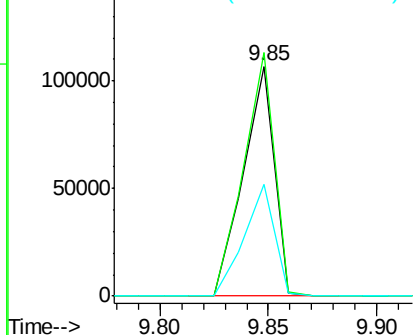


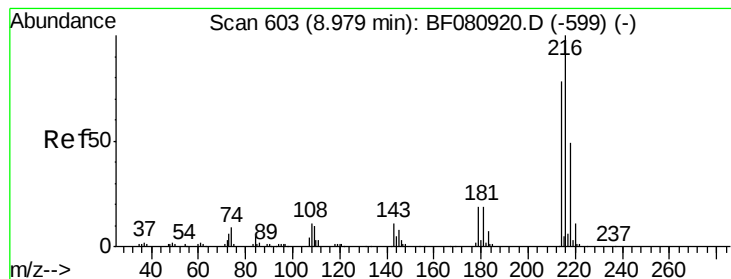
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:164 Resp: 105198
 Ion Ratio Lower Upper
 164 100
 162 105.9 80.5 120.7
 160 48.4 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: 10.12 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 32817

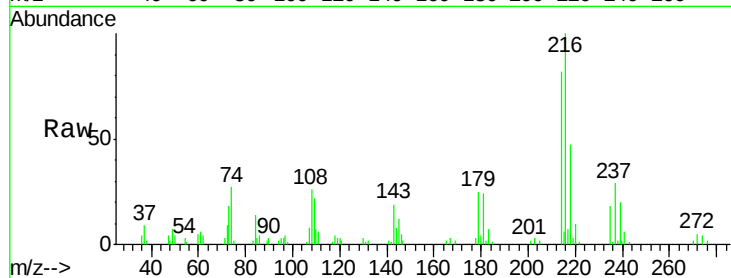
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 22.2 17.2 25.8

108 23.5 16.1 24.1

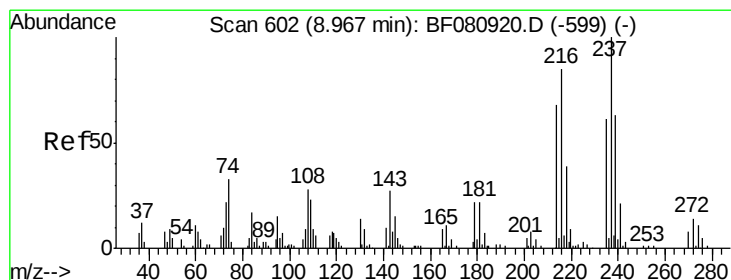
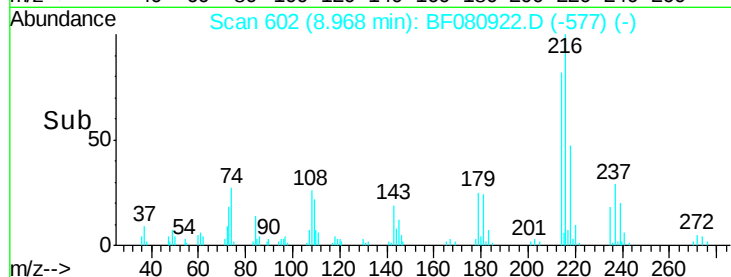
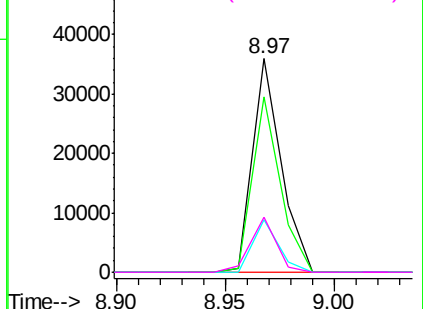


Abundance Ion 216.00 (215.70 to 216.70): E

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: 8.64 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

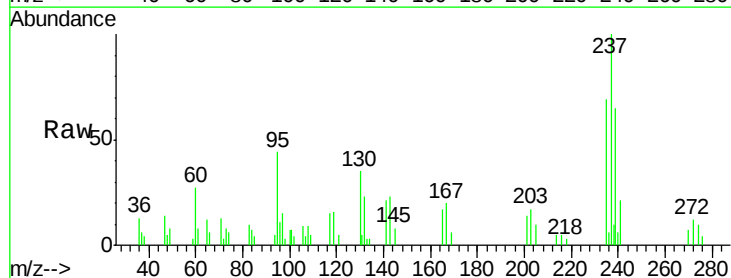
Tgt Ion:237 Resp: 15295

Ion Ratio Lower Upper

237 100

235 69.2 41.3 81.3

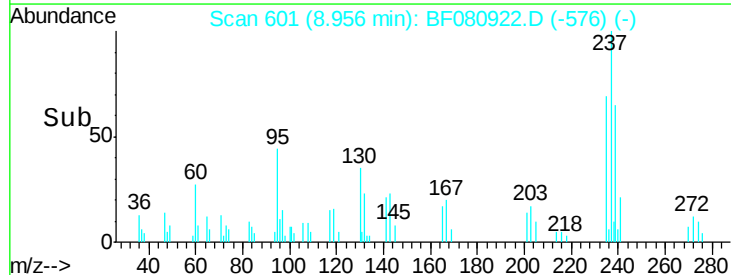
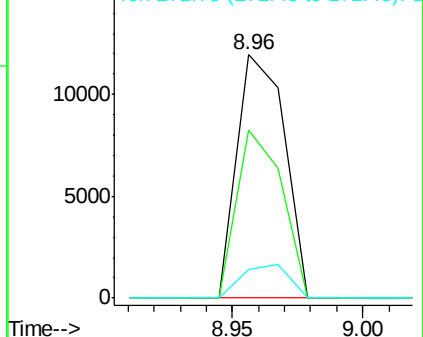
272 11.7 0.0 33.6

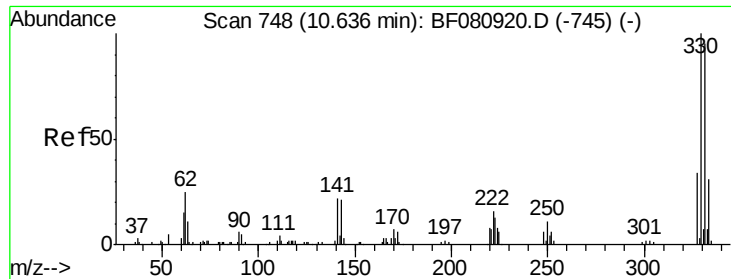


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

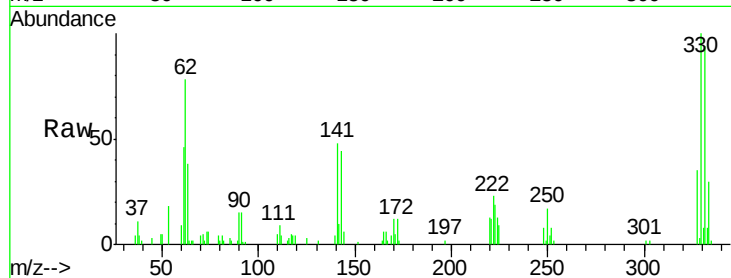




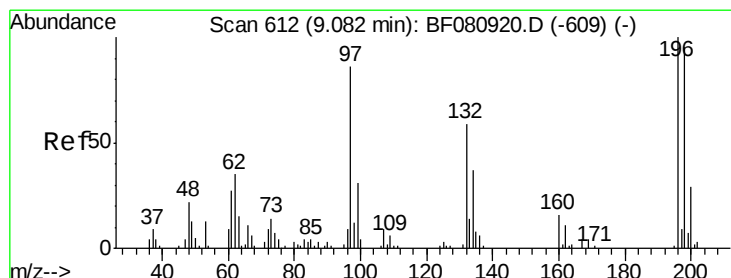
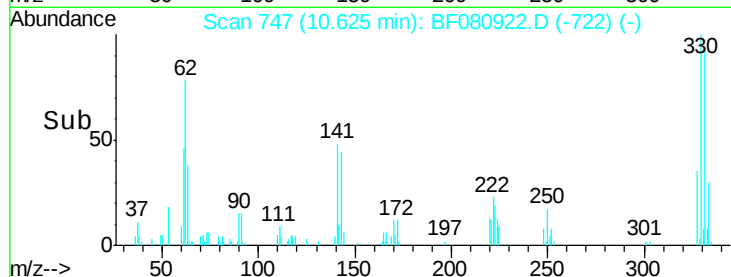
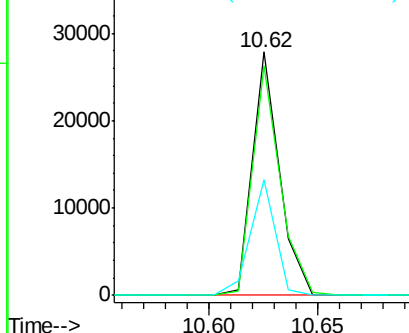
#41
 2,4,6-Tribromophenol
 Concen: 20.78 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 24011
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 44.2 27.8 41.8#

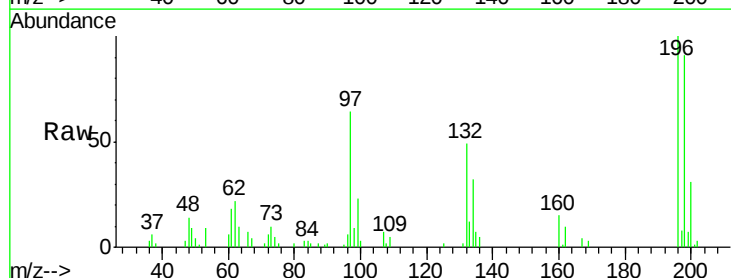


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

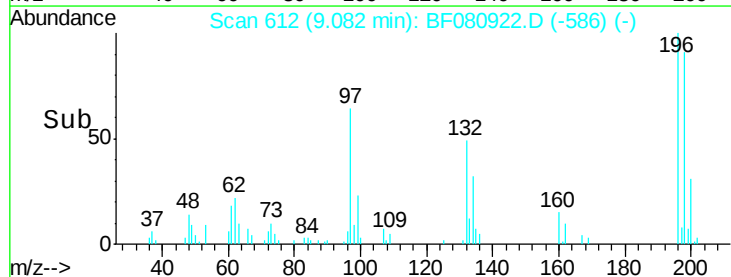
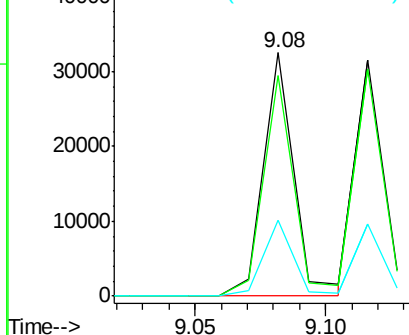


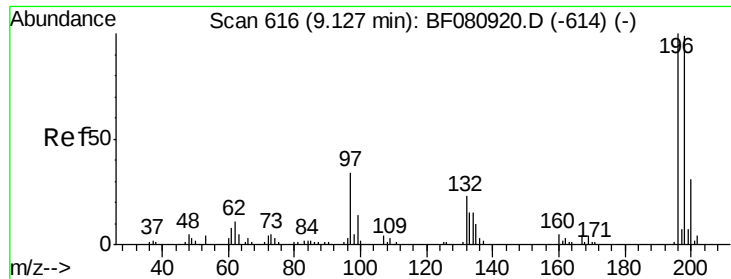
#42
 2,4,6-Trichlorophenol
 Concen: 10.90 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:196 Resp: 26350
 Ion Ratio Lower Upper
 196 100
 198 90.8 75.9 113.9
 200 31.1 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

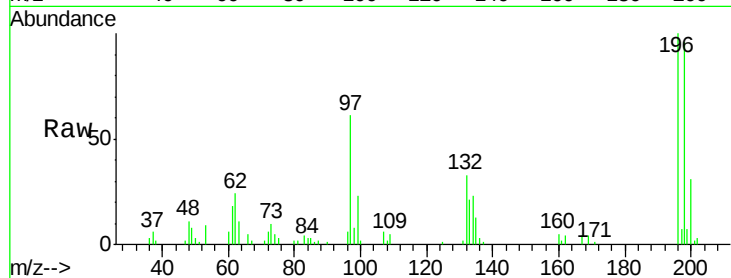




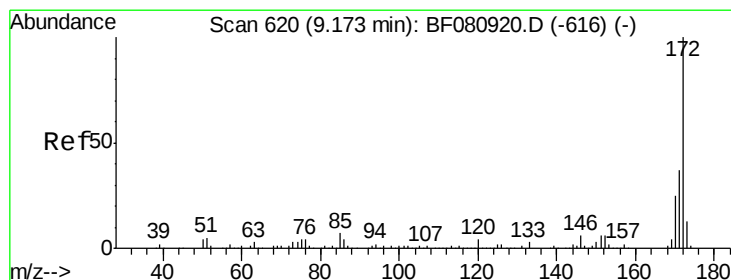
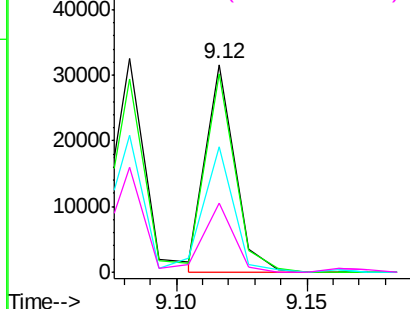
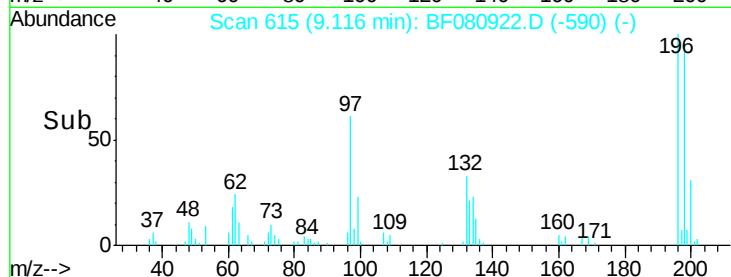
#43
 2,4,5-Trichlorophenol
 Concen: 10.50 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.0	78.9	118.3	
97	60.7	29.1	43.7	#
132	33.1	19.1	28.7	#

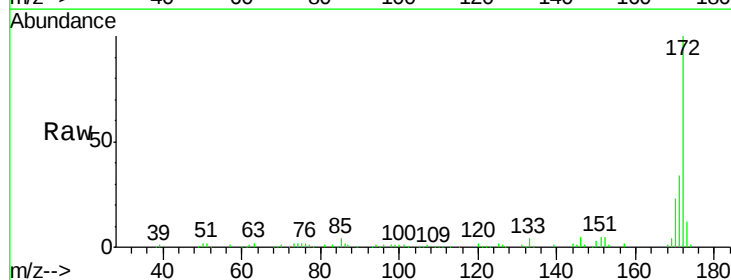


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

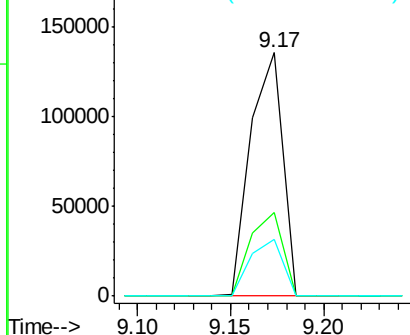
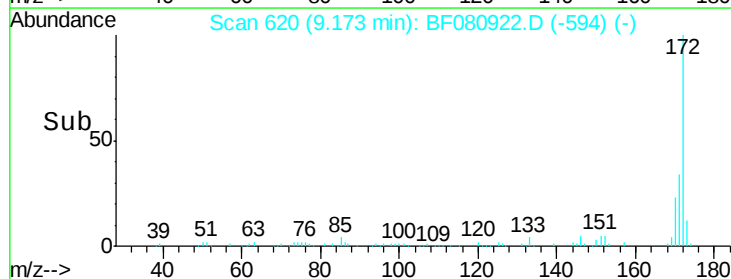


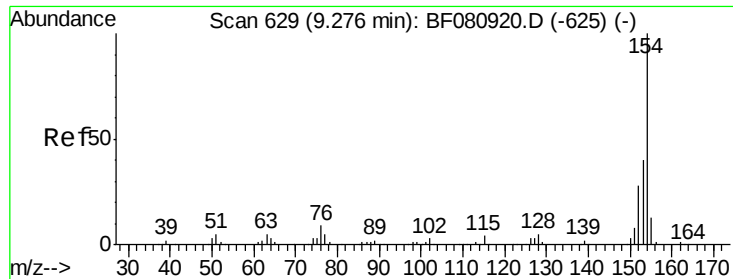
#44
 2-Fluorobiphenyl
 Concen: 21.60 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	34.1	29.4	44.0	
170	23.2	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

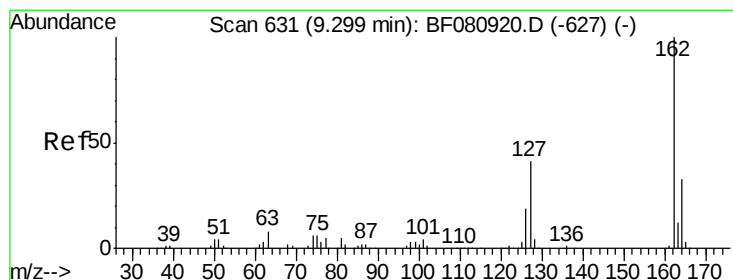
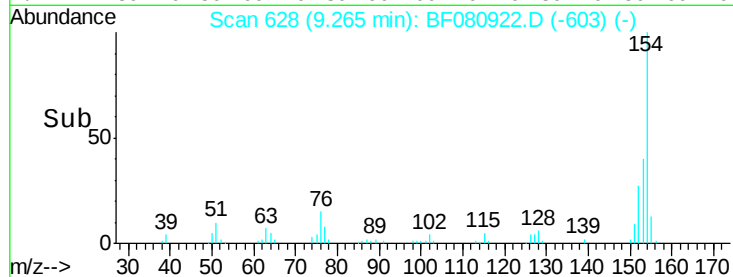
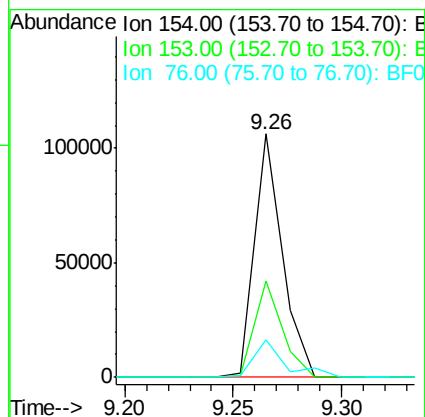
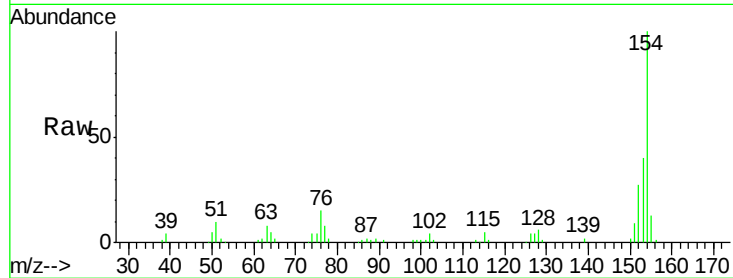




#45
 1,1'-Biphenyl
 Concen: 10.44 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

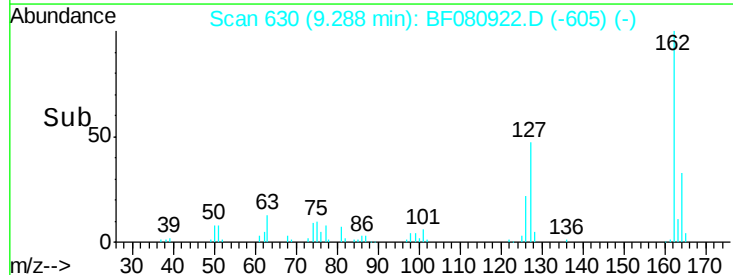
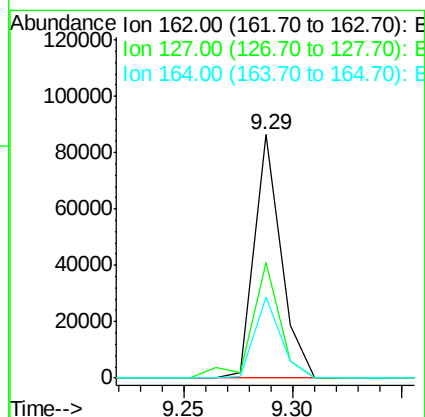
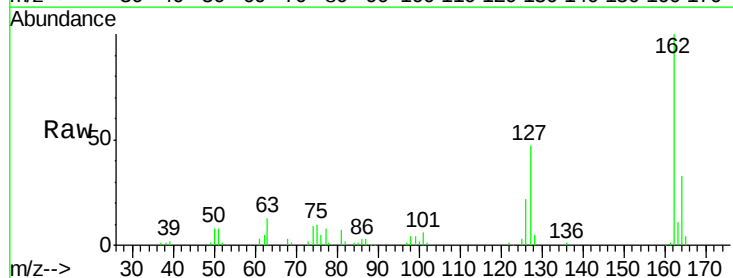
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 94239
 Ion Ratio Lower Upper
 154 100
 153 39.5 20.1 60.1
 76 15.5 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 10.46 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:162 Resp: 73651
 Ion Ratio Lower Upper
 162 100
 127 47.5 32.5 48.7
 164 33.4 26.2 39.4

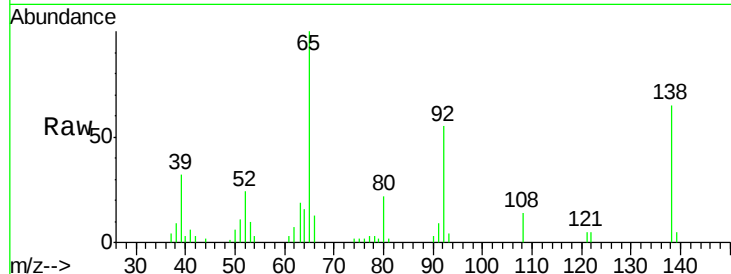




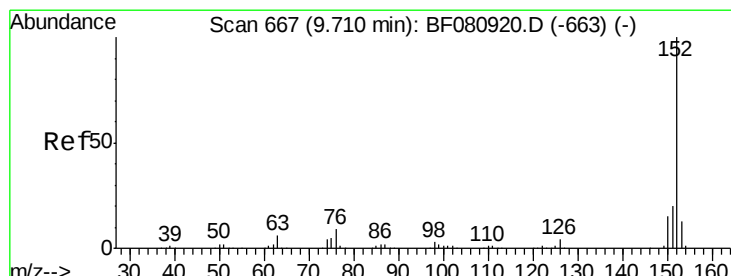
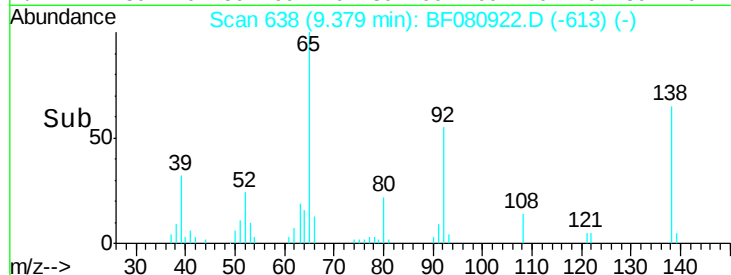
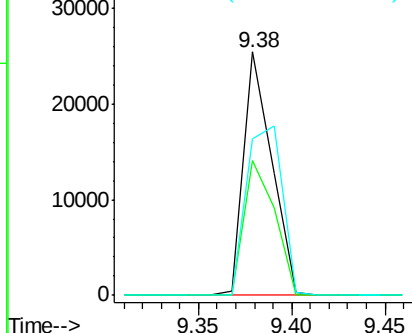
#47
2-Nitroaniline
Concen: 9.45 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 26684
Ion Ratio Lower Upper
65 100
92 55.2 48.0 72.0
138 64.5 66.1 99.1#

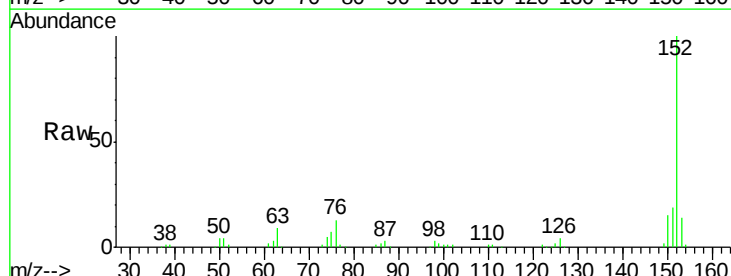


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

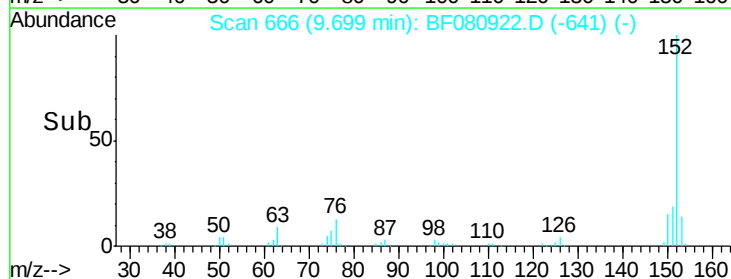
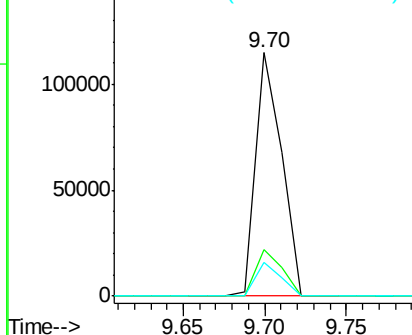


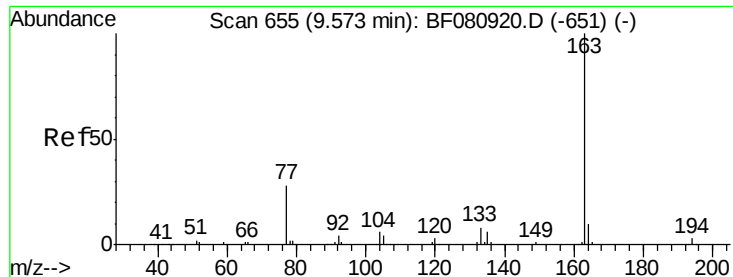
#48
Acenaphthylene
Concen: 10.41 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion: 152 Resp: 127386
Ion Ratio Lower Upper
152 100
151 19.0 16.3 24.5
153 14.1 10.5 15.7



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

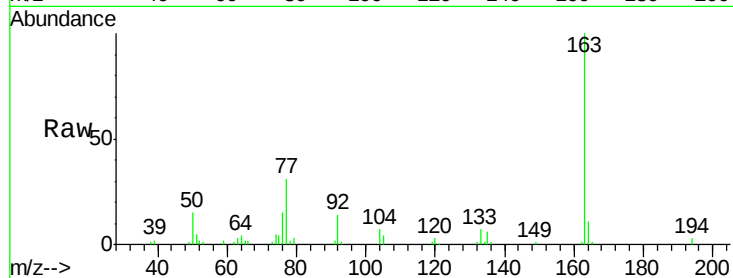




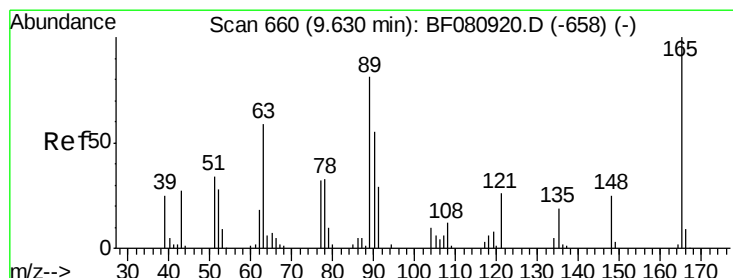
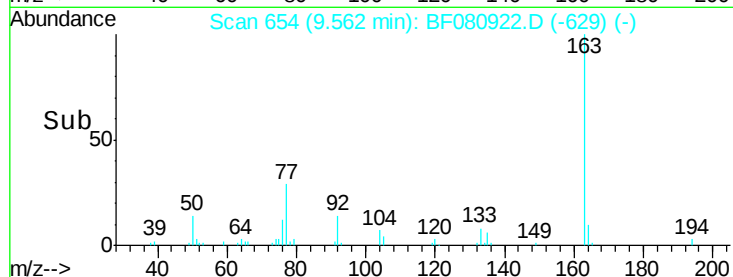
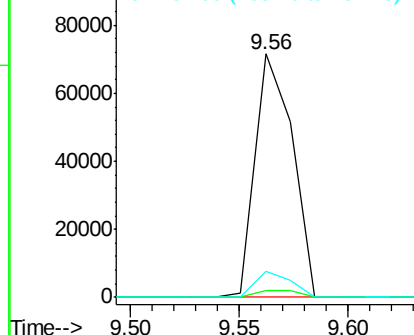
#49
Dimethylphthalate
Concen: 9.78 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 85474
Ion Ratio Lower Upper
163 100
194 2.9 2.4 3.6
164 10.8 8.2 12.4

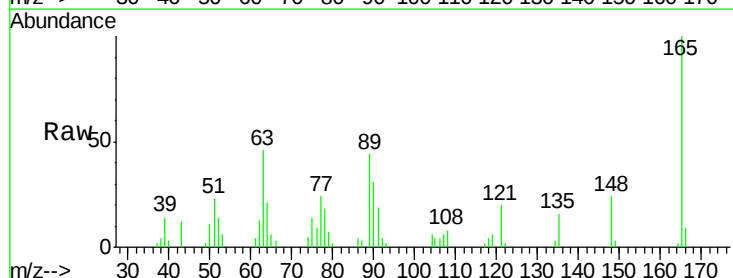


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

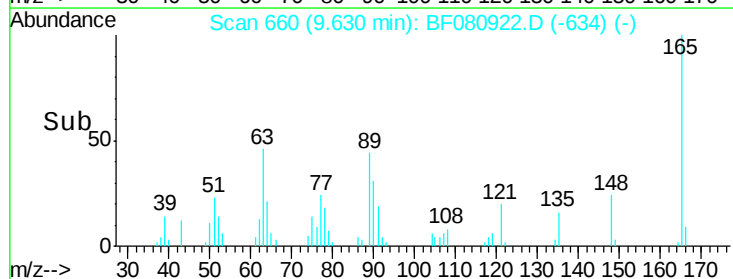
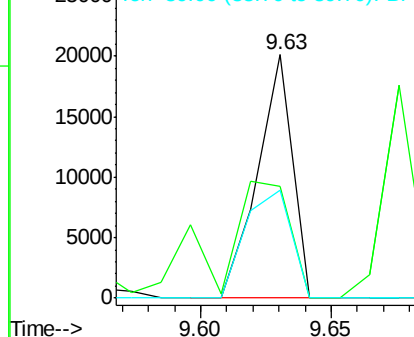


#50
2,6-Dinitrotoluene
Concen: 10.42 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:165 Resp: 18816
Ion Ratio Lower Upper
165 100
63 45.9 77.6 116.4#
89 44.4 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

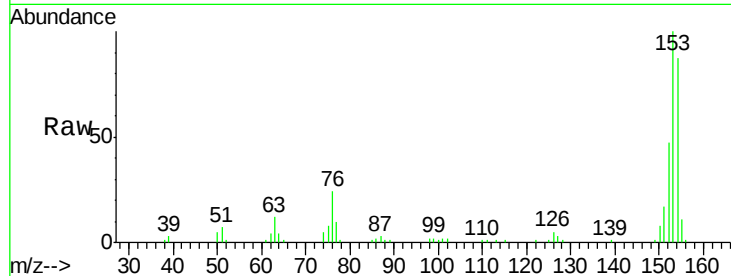




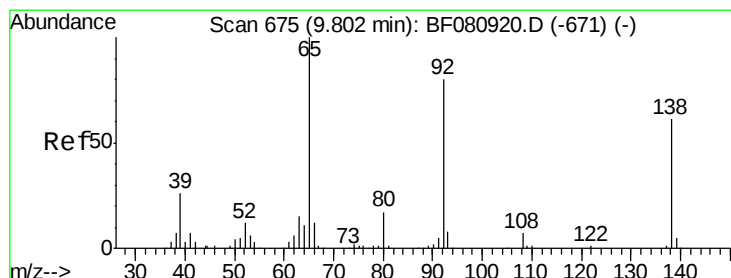
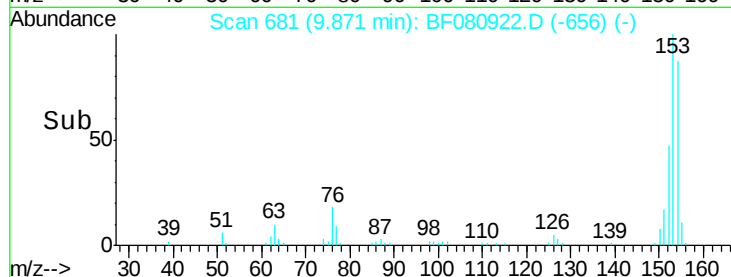
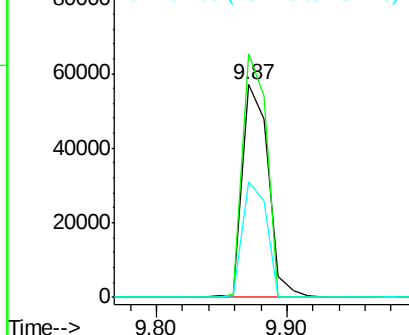
#51
Acenaphthene
Concen: 10.39 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 77873
Ion Ratio Lower Upper
154 100
153 114.4 91.4 137.2
152 54.1 44.2 66.4

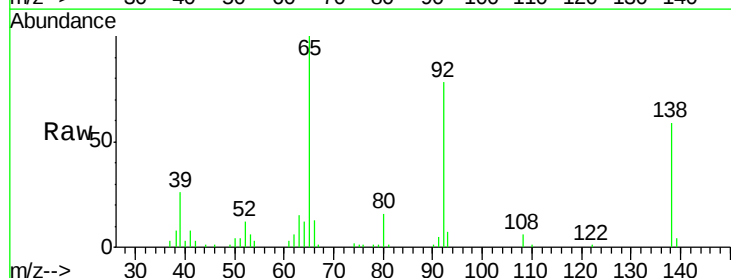


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

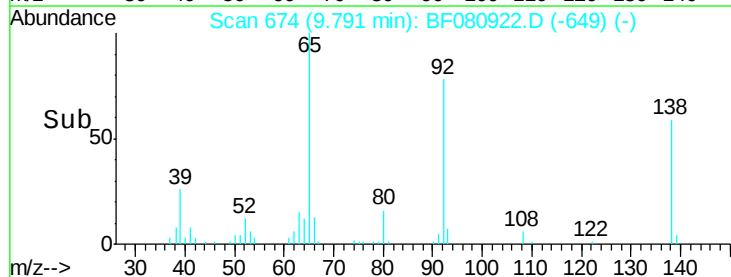
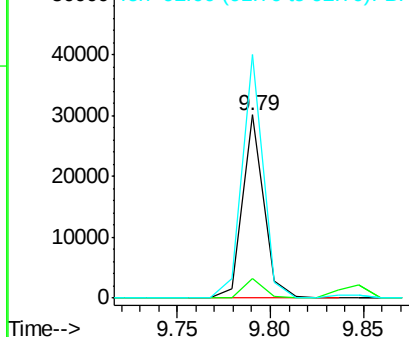


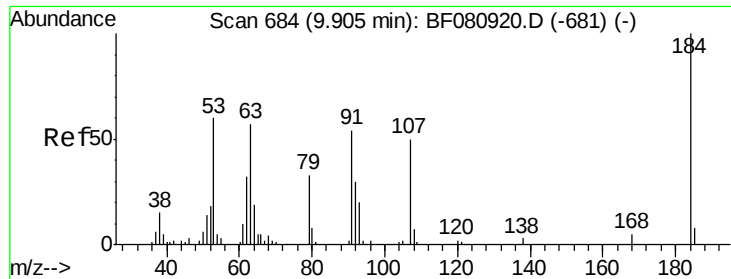
#52
3-Nitroaniline
Concen: 10.77 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:138 Resp: 23969
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 132.8 104.4 156.6



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

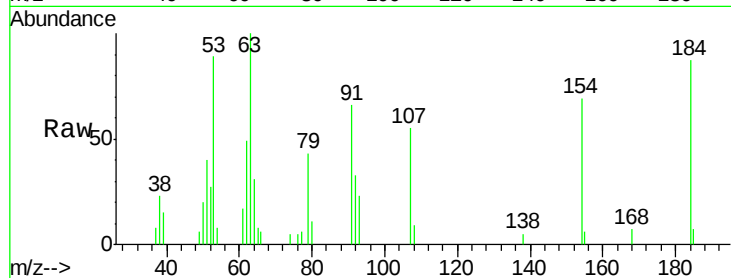




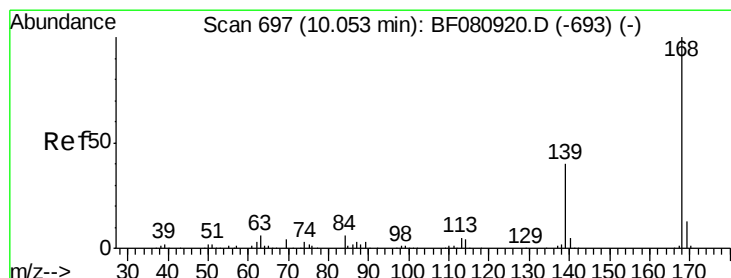
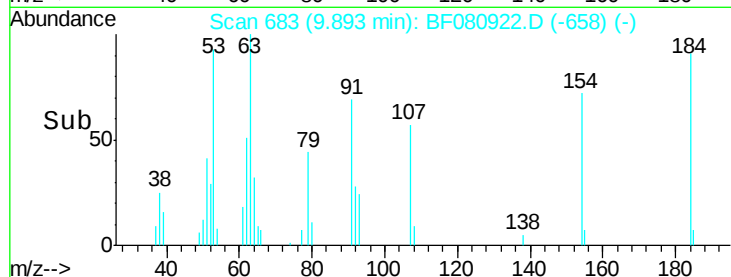
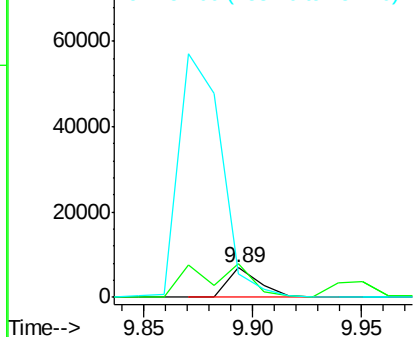
#53
 2,4-Dinitrophenol
 Concen: 7.16 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 6828
 Ion Ratio Lower Upper
 184 100
 63 114.5 59.7 89.5#
 154 79.4 53.8 80.8

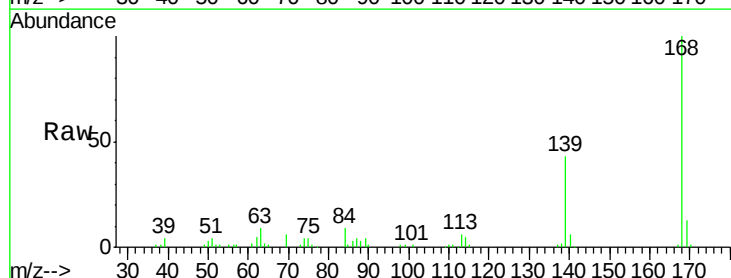


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

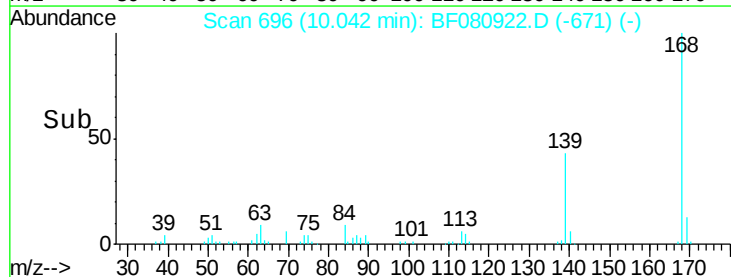
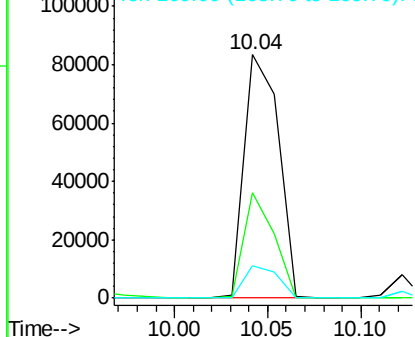


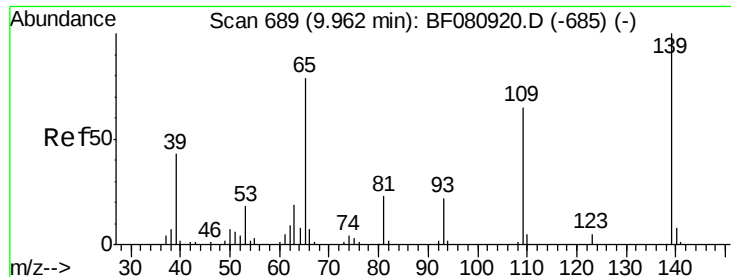
#54
 Dibenzofuran
 Concen: 10.48 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:168 Resp: 106254
 Ion Ratio Lower Upper
 168 100
 139 43.3 31.9 47.9
 169 13.3 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

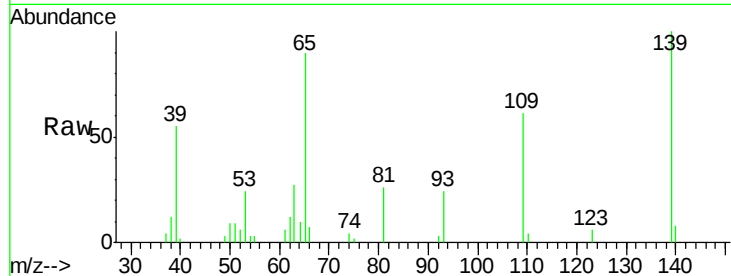




#55
4-Nitrophenol
Concen: 9.52 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.5	44.7	84.7
65	90.3	59.5	99.5

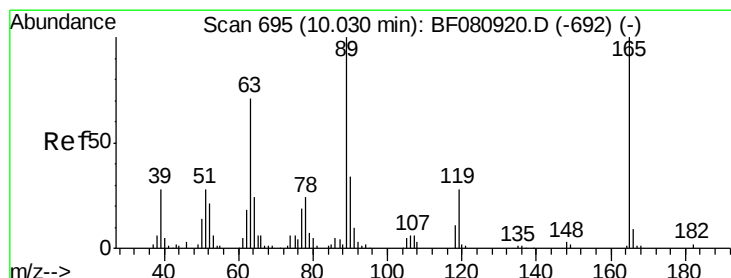
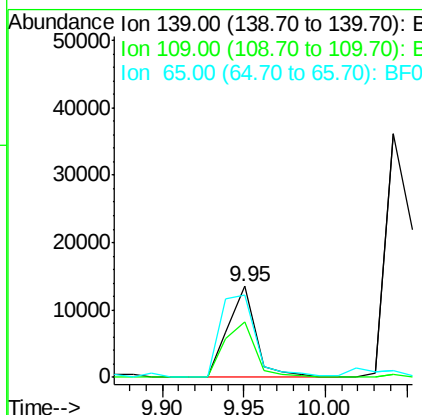
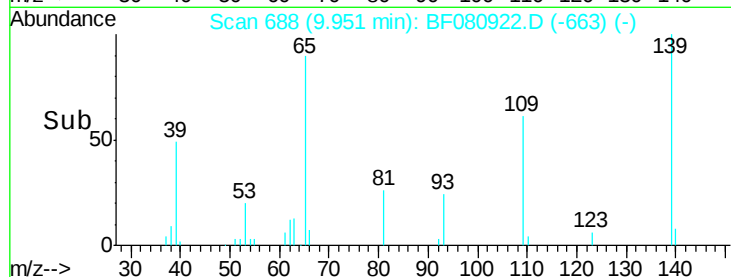


Abundance

Ion 139.00 (138.70 to 139.70): E

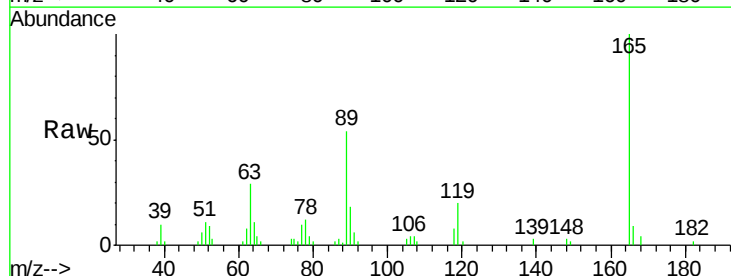
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 9.82 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.0	56.7	85.1#
89	53.7	80.4	120.6#
182	2.2	1.5	2.3



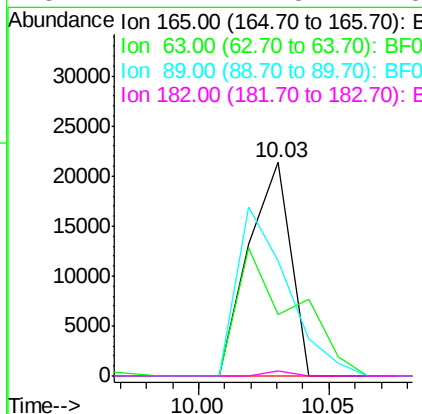
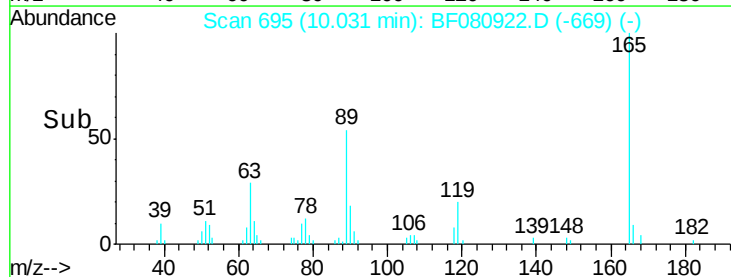
Abundance

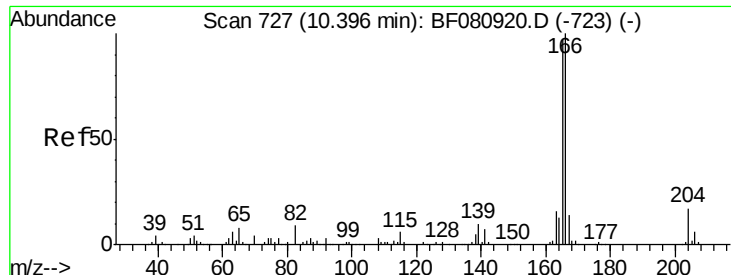
Ion 165.00 (164.70 to 165.70): E

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

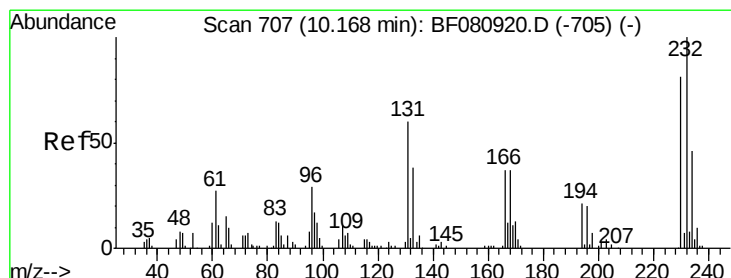
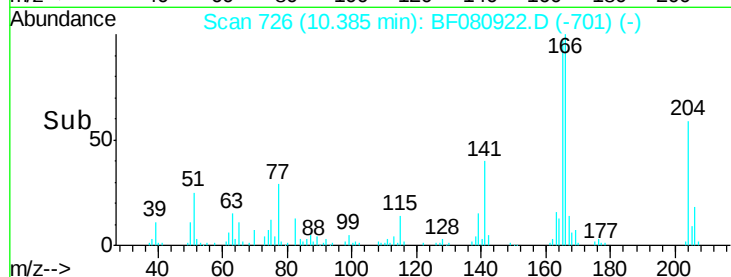
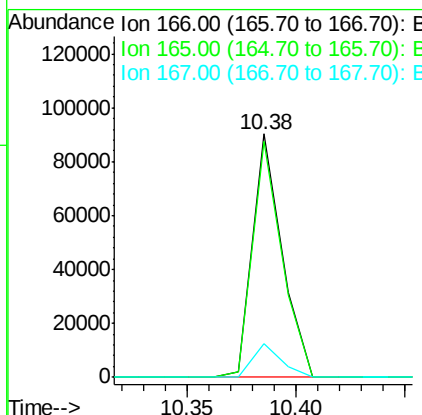
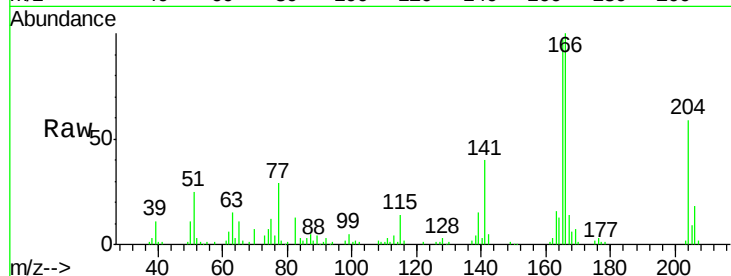




#57
 Fluorene
 Concen: 10.84 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

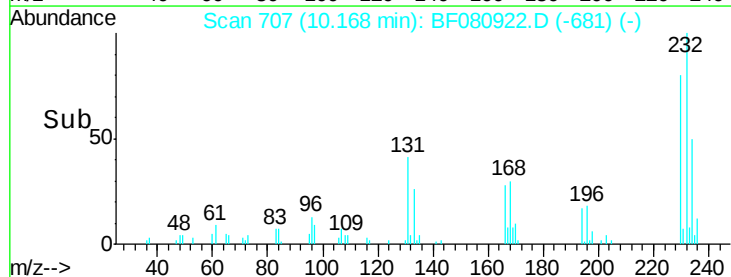
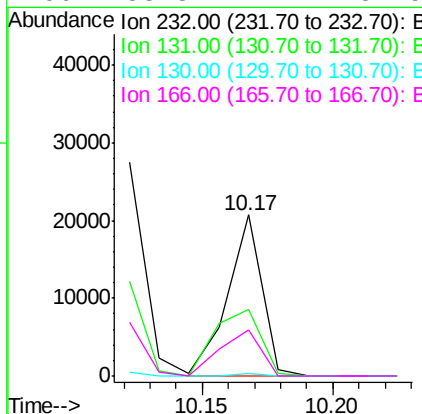
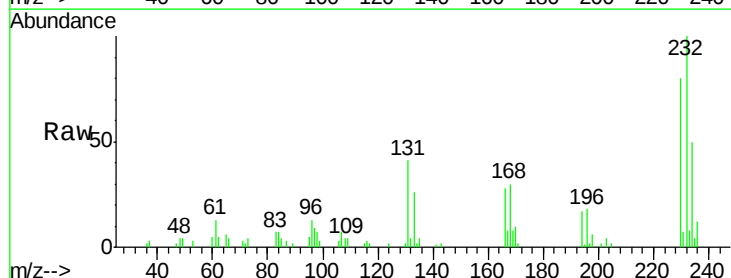
Instrument :
 BNA_F
 ClientSampleId :

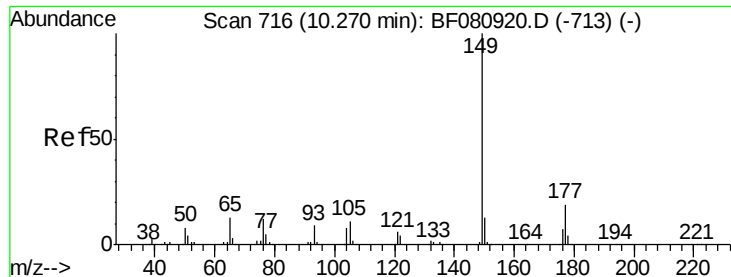
Tot Ion:166 Resp: 85016
 Ion Ratio Lower Upper
 166 100
 165 97.0 77.2 115.8
 167 13.8 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:232 Resp: 19024
 Ion Ratio Lower Upper
 232 100
 131 56.3 39.4 59.2
 130 1.3 2.1 3.1#
 166 33.8 21.7 32.5#

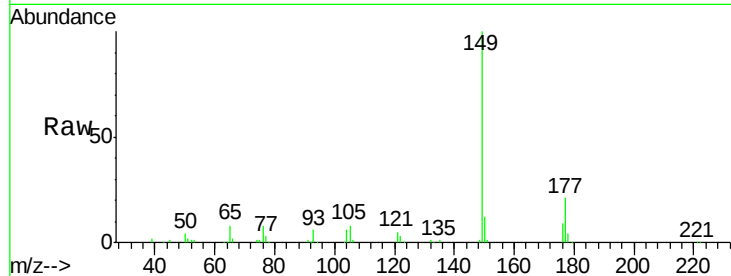




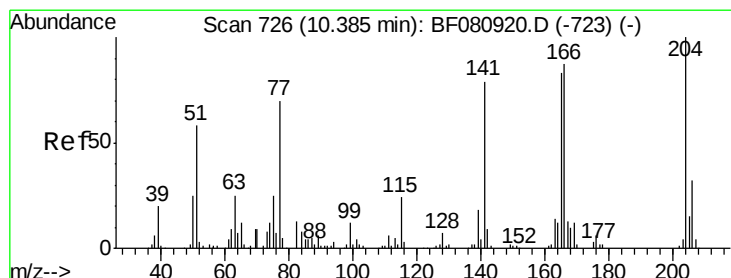
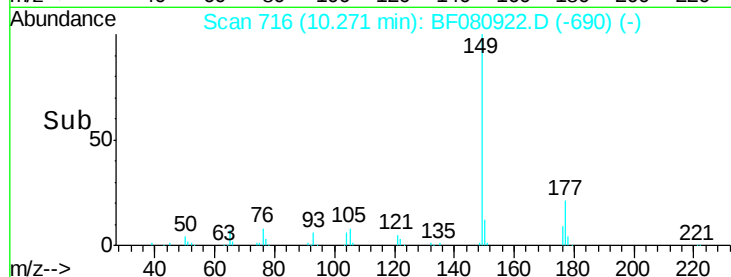
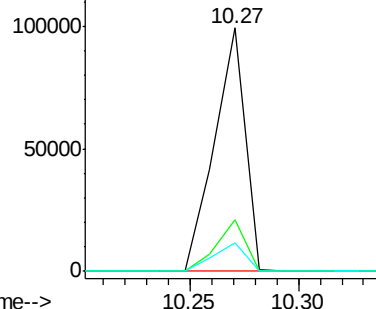
#59
Diethylphthalate
Concen: 10.70 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 97335
Ion Ratio Lower Upper
149 100
177 21.4 15.0 22.4
150 11.9 10.4 15.6

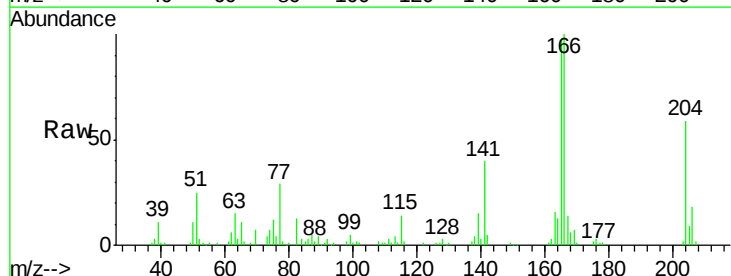


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

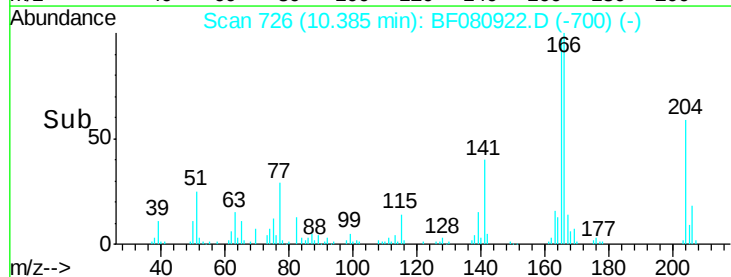
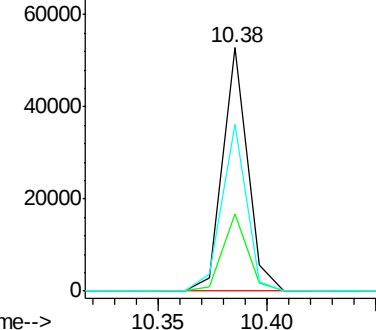


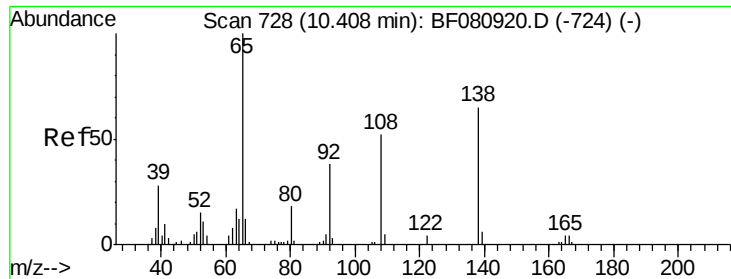
#60
4-Chlorophenyl-phenylether
Concen: 11.03 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:204 Resp: 42131
Ion Ratio Lower Upper
204 100
206 31.5 25.5 38.3
141 68.8 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

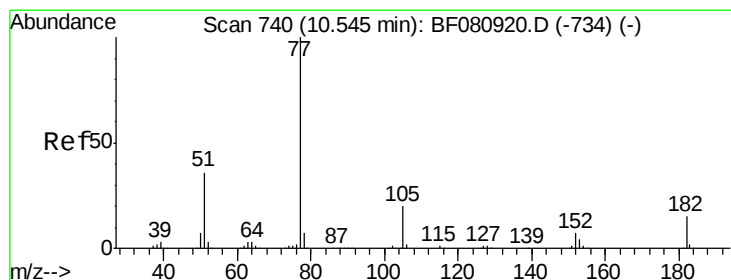
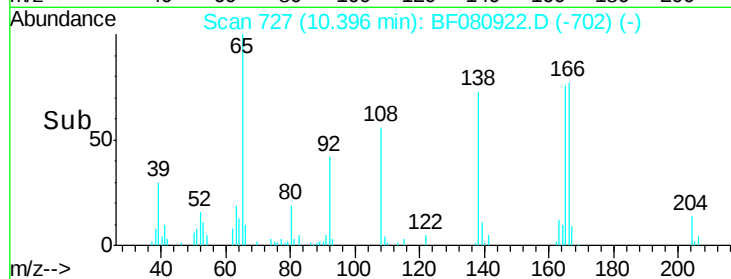
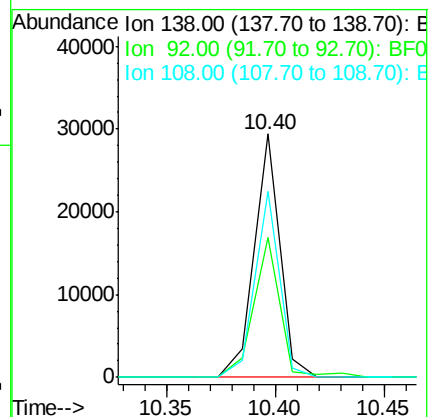
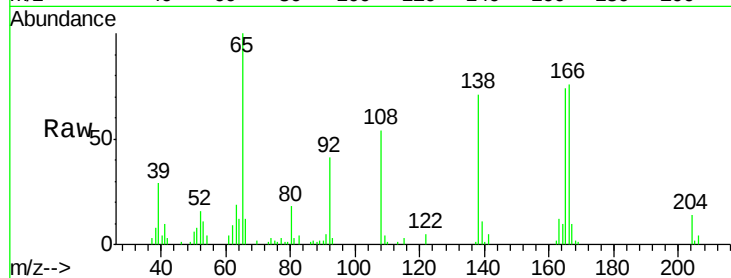




#61
4-Nitroaniline
Concen: 10.53 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

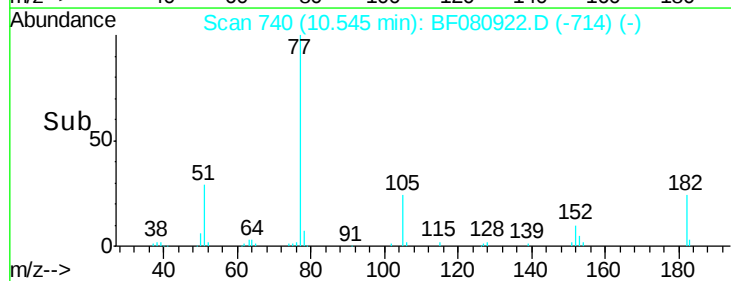
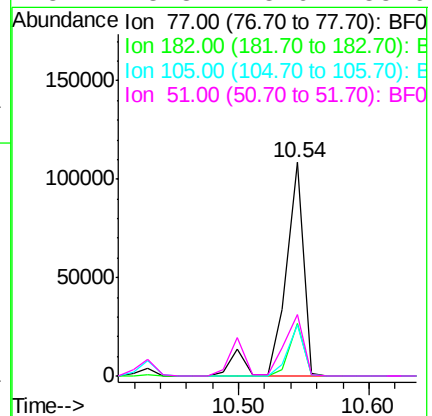
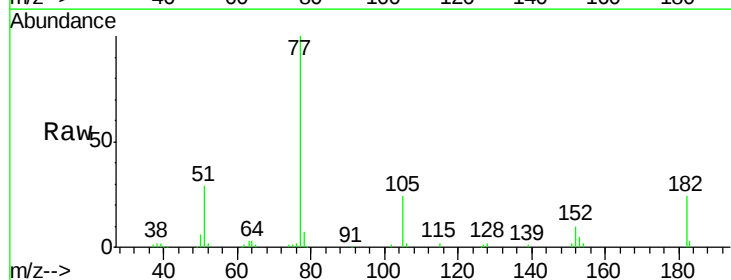
Instrument :
BNA_F
ClientSampled :

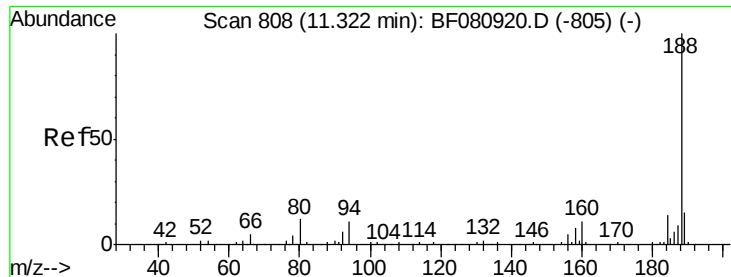
Tot Ion:138 Resp: 24109
Ion Ratio Lower Upper
138 100
92 57.6 38.1 78.1
108 76.3 59.9 99.9



#62
Azobenzene
Concen: 10.81 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion: 77 Resp: 109926
Ion Ratio Lower Upper
77 100
182 24.3 0.0 35.5
105 23.8 0.5 40.5
51 28.8 15.6 55.6

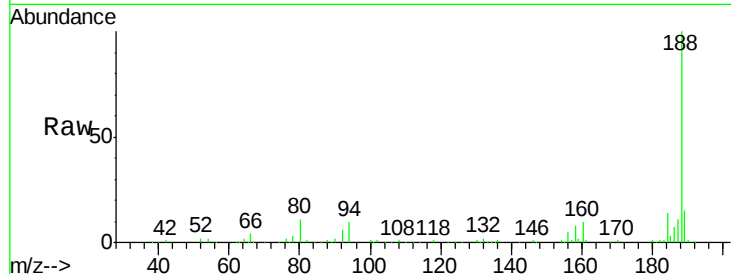




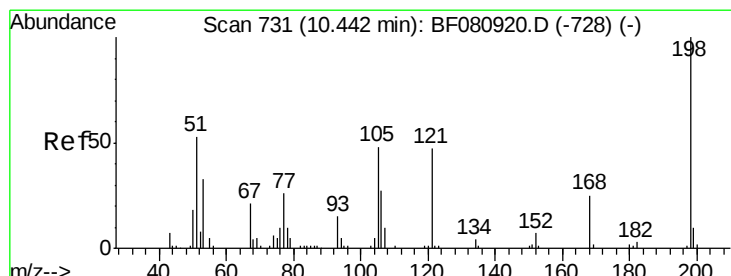
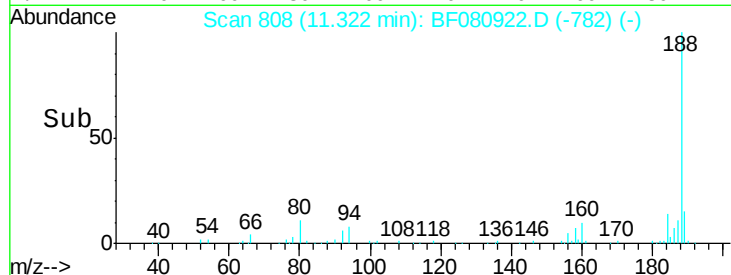
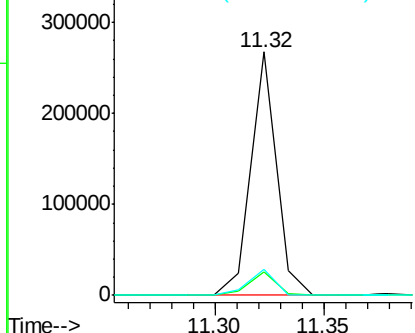
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 219121
Ion Ratio Lower Upper
188 100
94 9.6 8.8 13.2
80 10.7 9.5 14.3

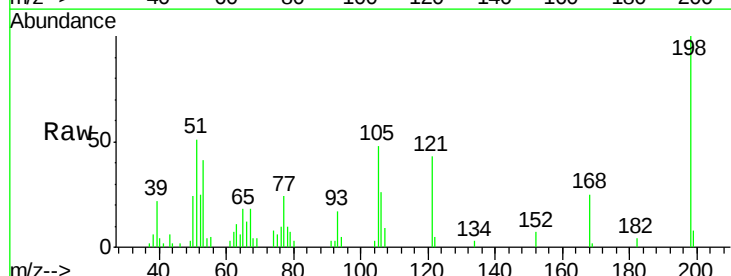


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

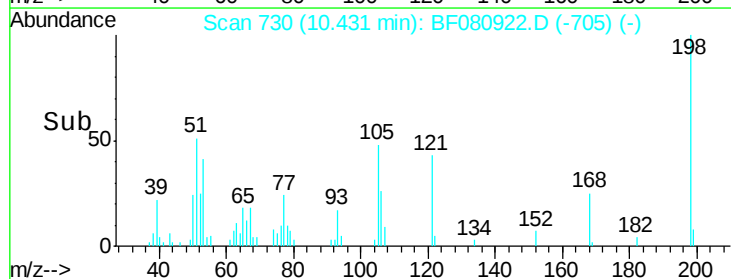
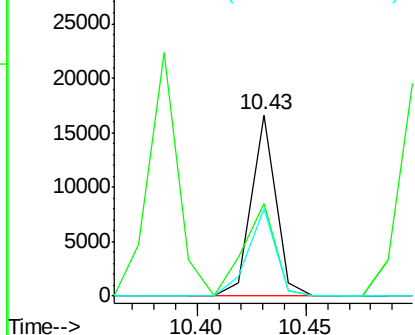


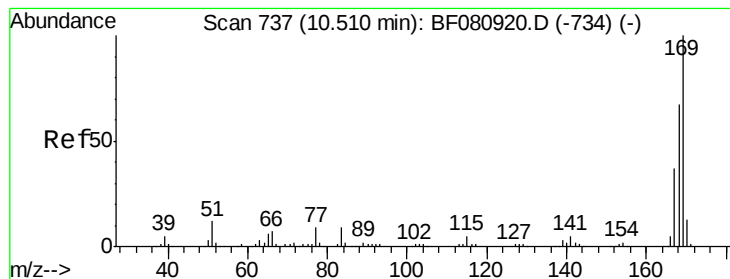
#64
4,6-Dinitro-2-methylphenol
Concen: 9.64 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:198 Resp: 13086
Ion Ratio Lower Upper
198 100
51 51.0 40.3 80.3
105 48.0 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

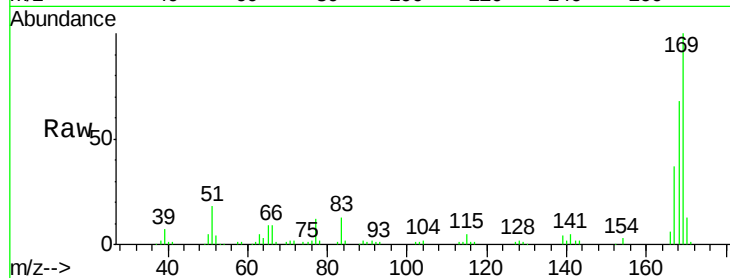




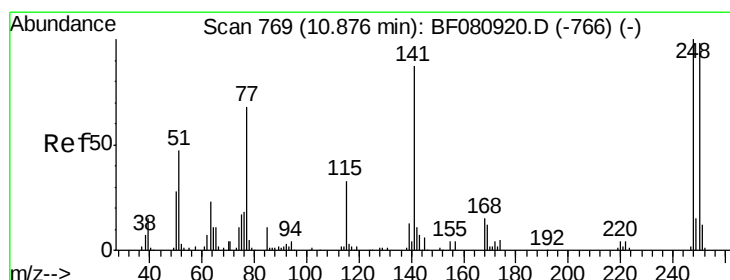
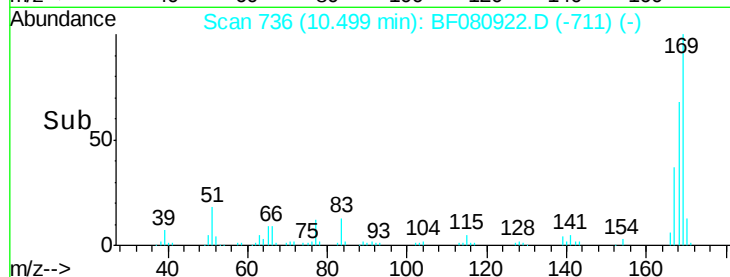
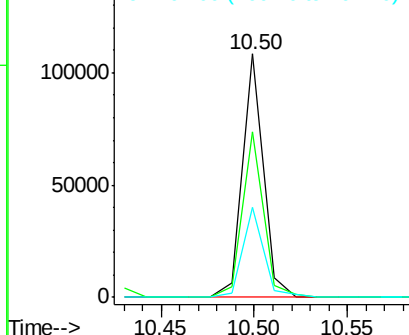
#65
 n-Nitrosodiphenylamine
 Concen: 11.13 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 84712
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.7 80.5
 167 36.9 29.3 43.9

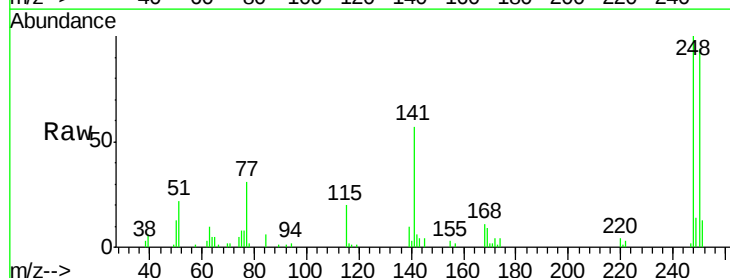


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

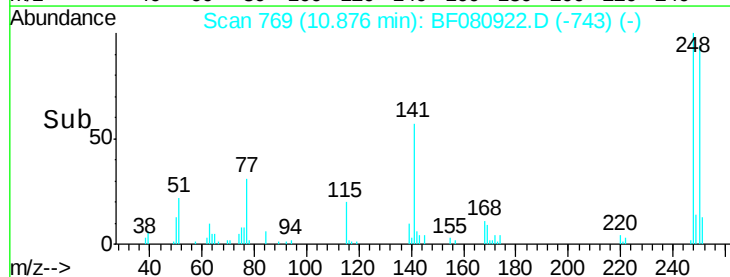
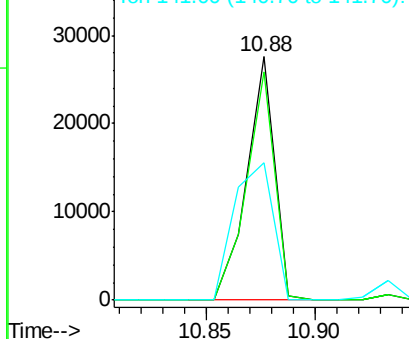


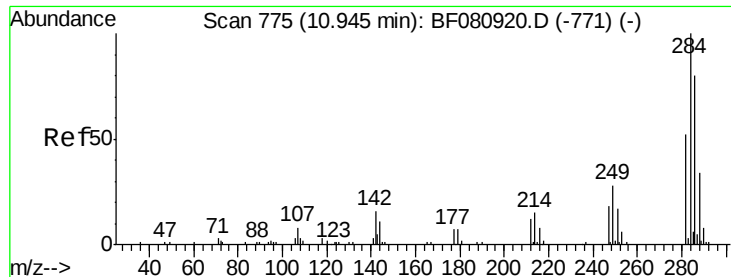
#66
 4-Bromophenyl-phenylether
 Concen: 10.51 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:248 Resp: 24383
 Ion Ratio Lower Upper
 248 100
 250 93.7 78.1 117.1
 141 56.7 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: 10.63 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

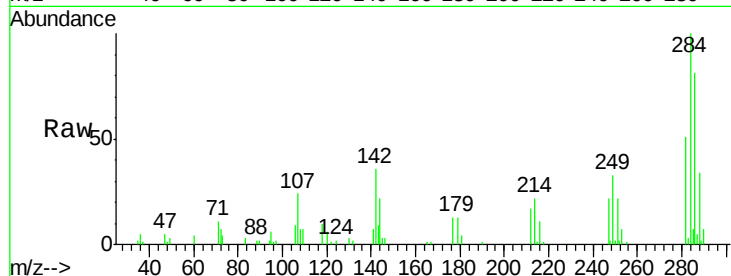
Tot Ion:284 Resp: 27426

Ion Ratio Lower Upper

284 100

142 36.0 12.8 19.2#

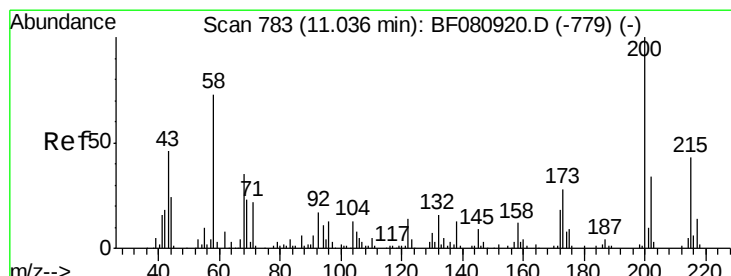
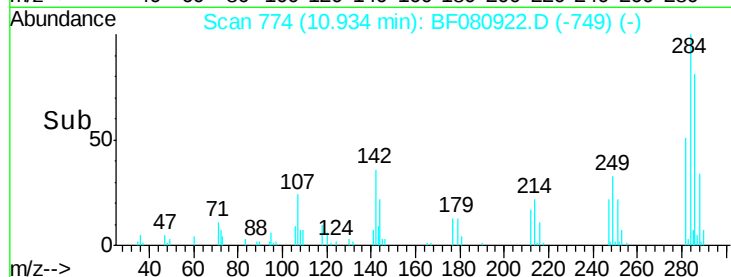
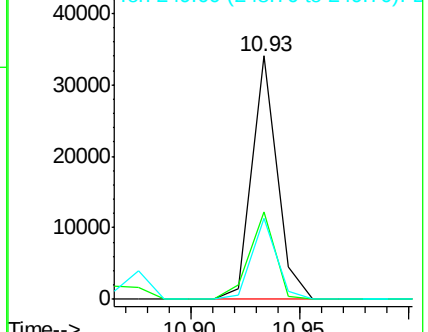
249 33.3 22.5 33.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.50 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

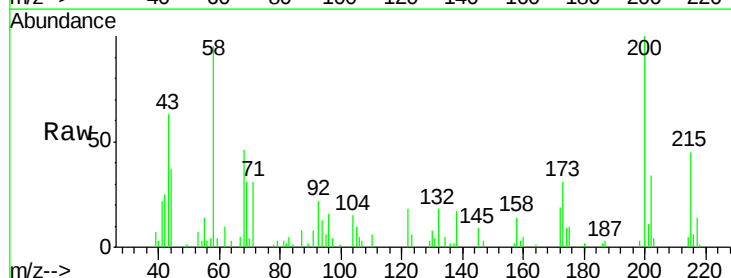
Tgt Ion:200 Resp: 23443

Ion Ratio Lower Upper

200 100

173 31.1 8.4 48.4

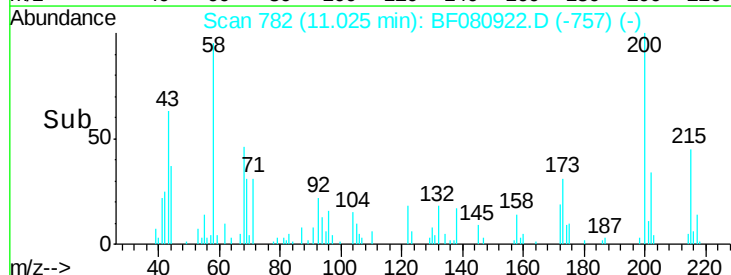
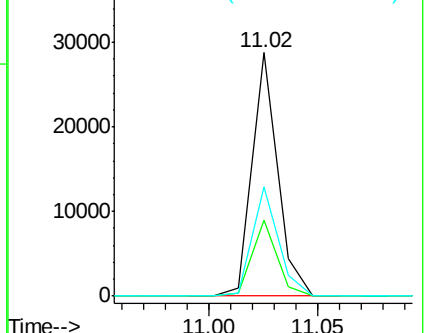
215 45.0 22.7 62.7



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

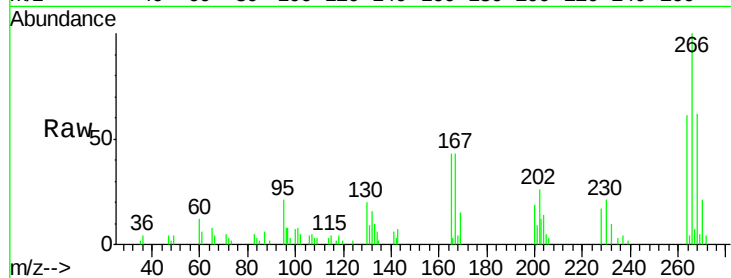




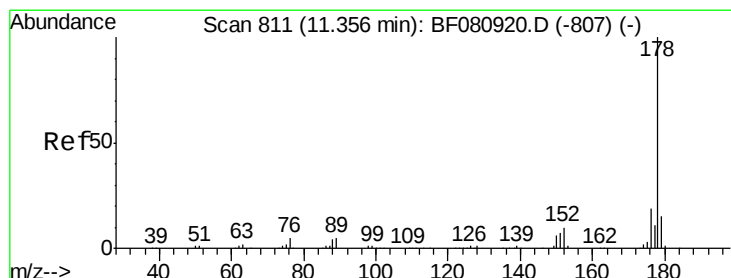
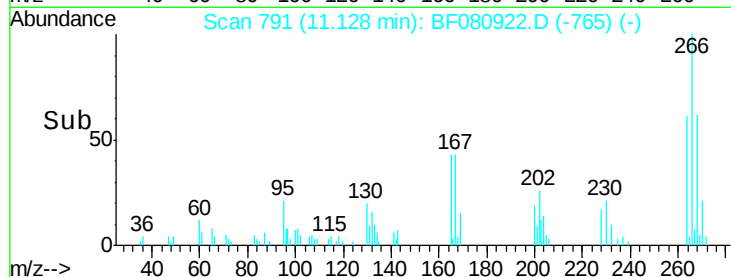
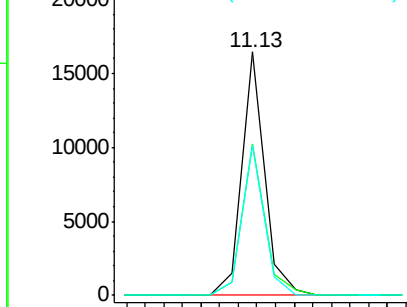
#69
 Pentachlorophenol
 Concen: 9.36 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 14036
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.6 77.4
 264 61.4 50.1 75.1

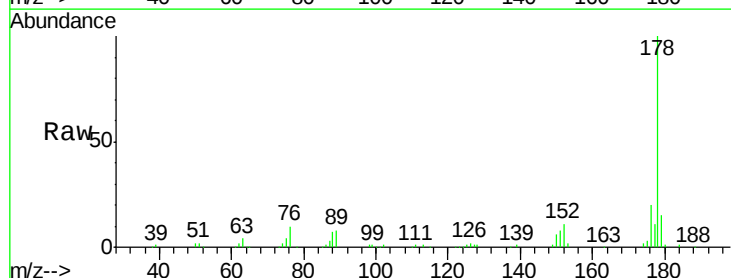


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

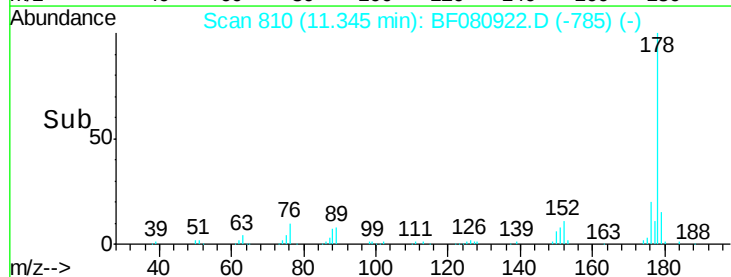
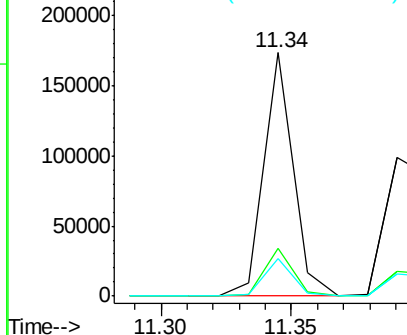


#70
 Phenanthrene
 Concen: 11.06 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:178 Resp: 137289
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.4 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

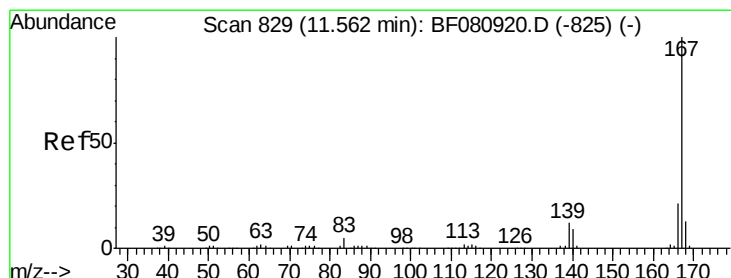
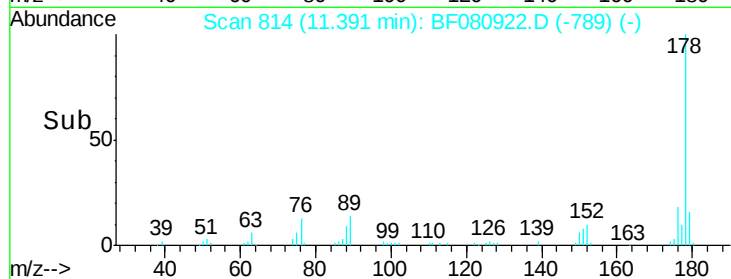
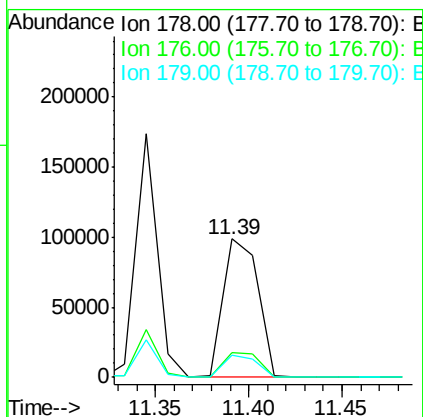
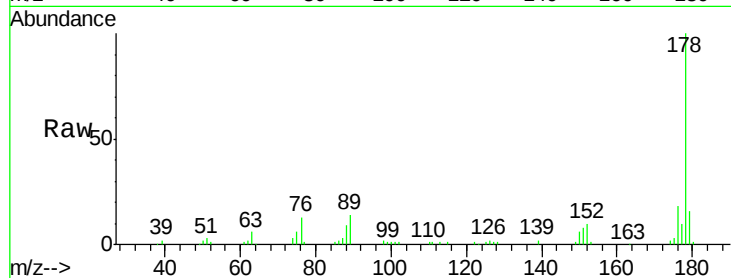




#71
 Anthracene
 Concen: 10.50 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

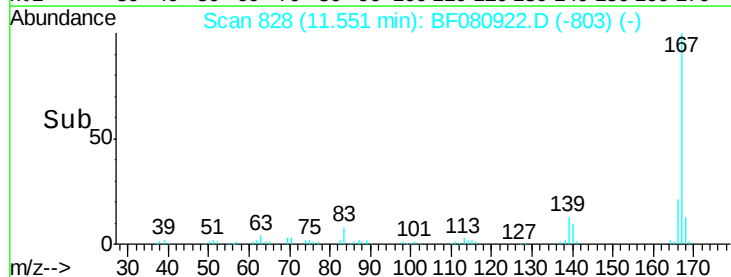
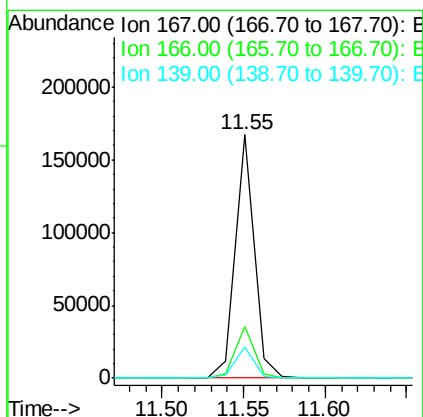
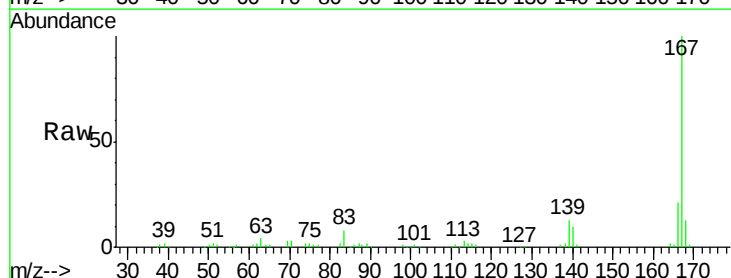
Instrument :
 BNA_F
 ClientSampleId :

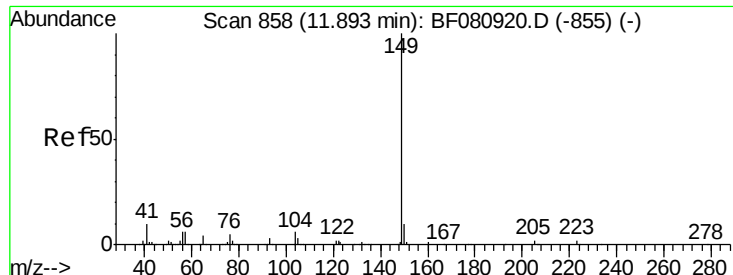
Tot Ion:178 Resp: 128946
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.5 23.3
 179 16.1 12.6 18.8



#72
 Carbazole
 Concen: 11.12 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:167 Resp: 132972
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 13.0 9.2 13.8





#73

Di-n-butylphthalate

Concen: 11.44 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

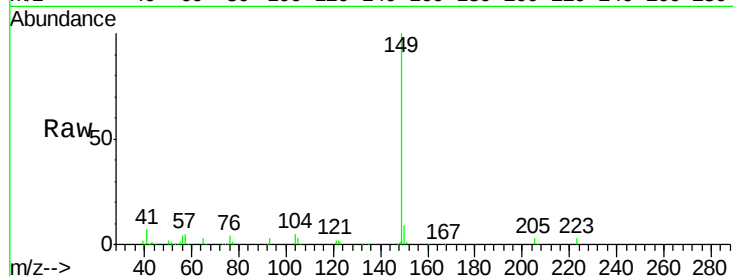
Tot Ion:149 Resp: 171021

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

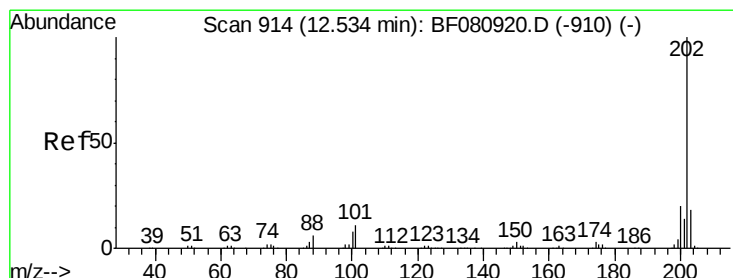
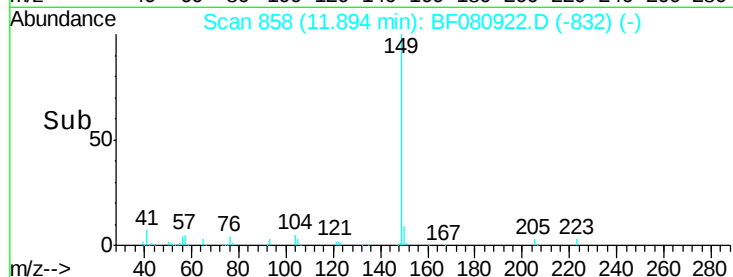
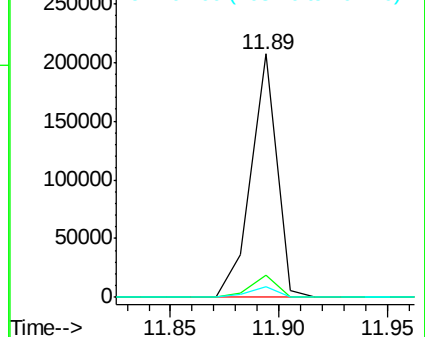
104 4.5 4.4 6.6



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: 10.74 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

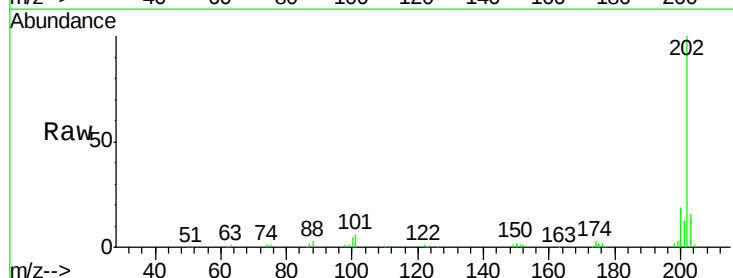
Tgt Ion:202 Resp: 143997

Ion Ratio Lower Upper

202 100

101 6.4 0.0 30.5

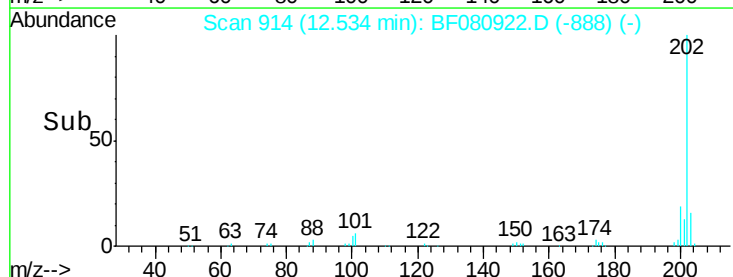
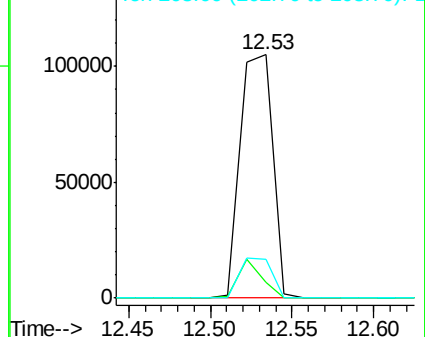
203 16.0 0.0 37.7

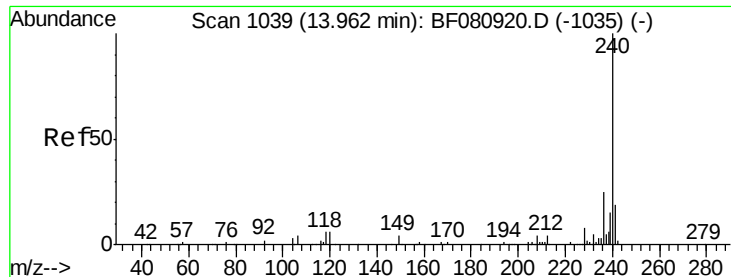


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

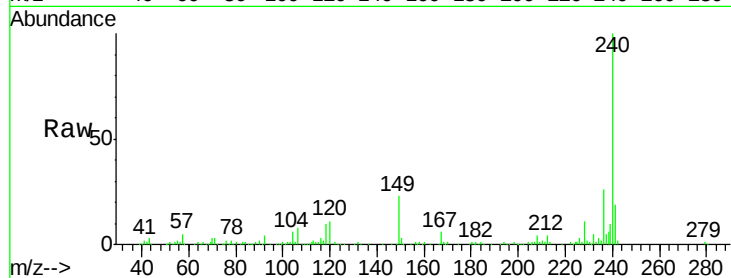
Tot Ion:240 Resp: 201329

Ion Ratio Lower Upper

240 100

120 11.4 5.2 7.8#

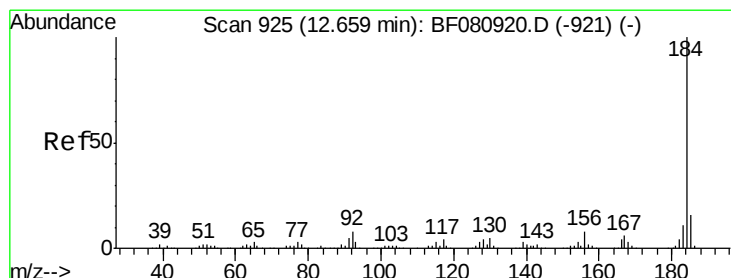
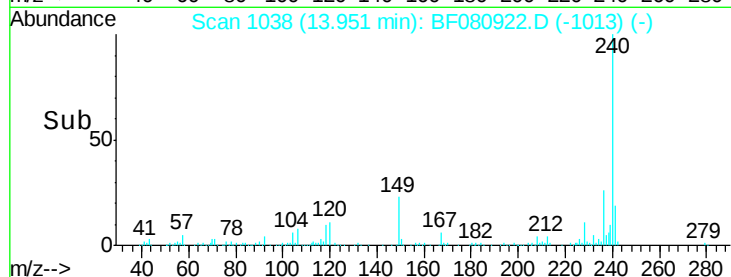
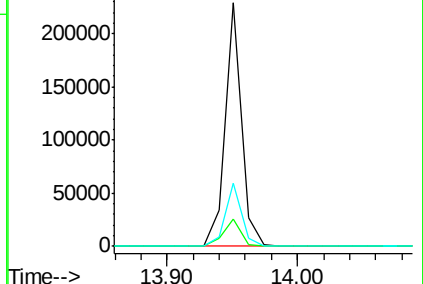
236 26.1 20.2 30.4



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: 10.29 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

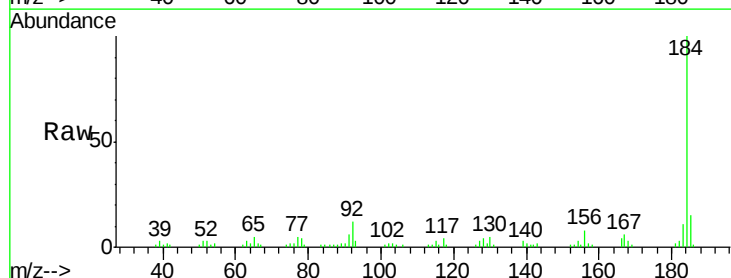
Tgt Ion:184 Resp: 81626

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

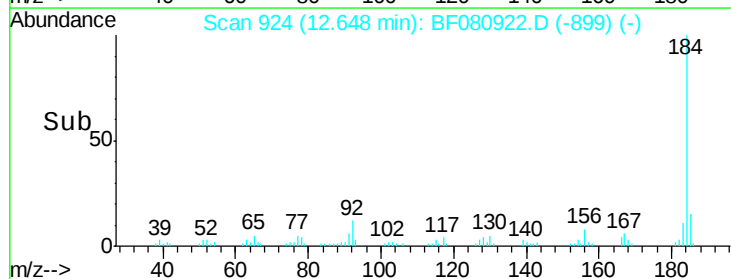
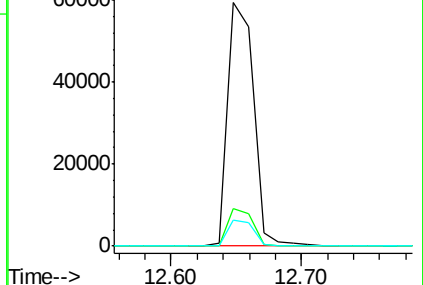
183 10.5 8.7 13.1

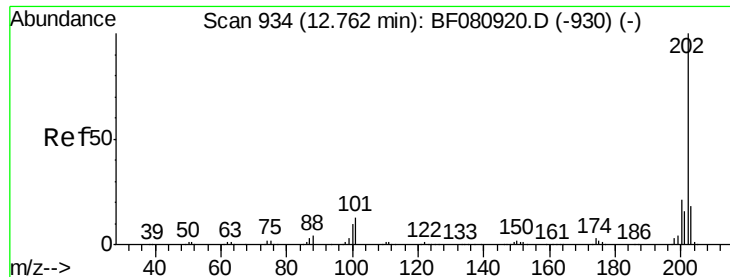


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

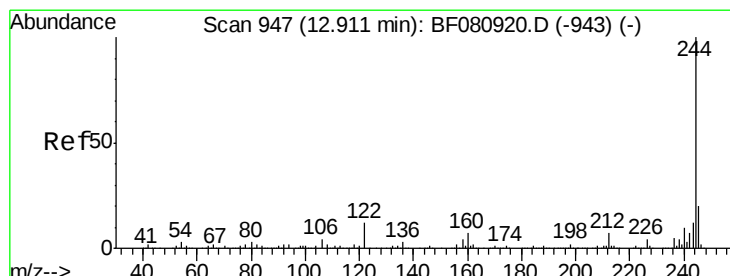
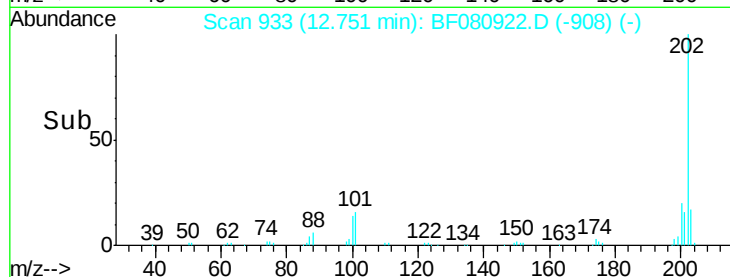
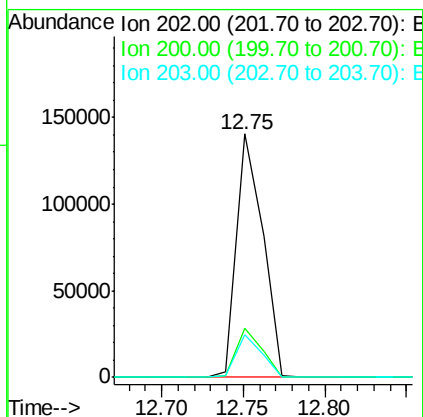
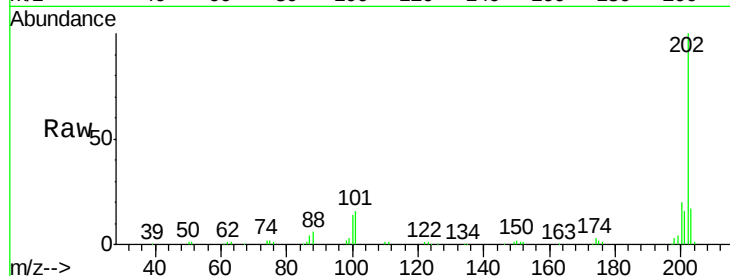




#77
Pvrene
Concen: 10.49 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

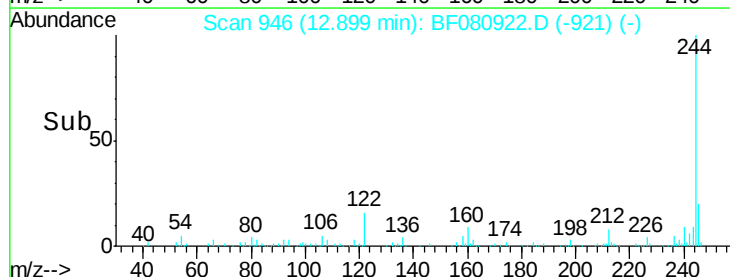
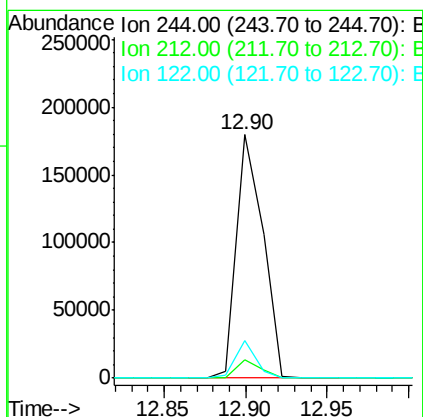
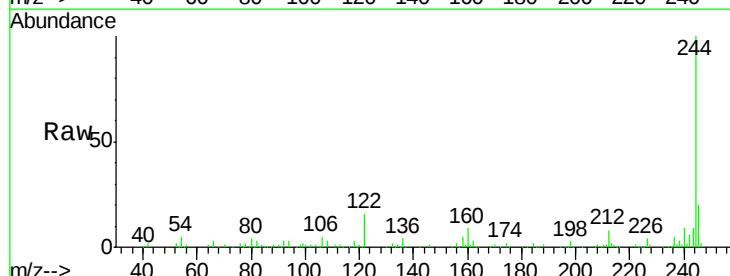
Instrument :
BNA_F
ClientSampleId :

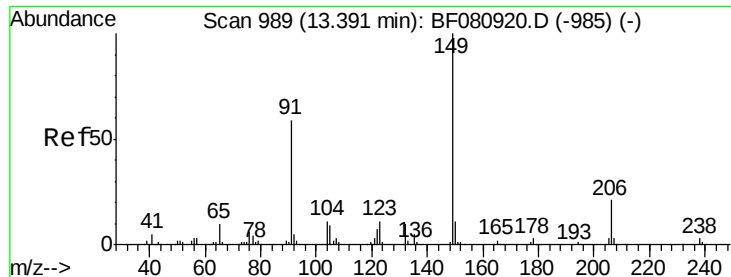
Tot Ion:202 Resp: 156018
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 17.3 14.2 21.2



#78
Terphenyl-d14
Concen: 20.60 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:244 Resp: 200833
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 15.5 9.4 14.2#

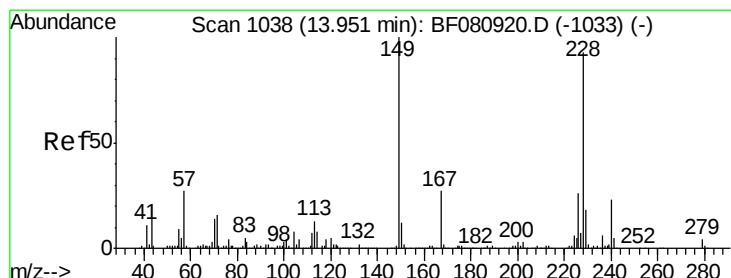
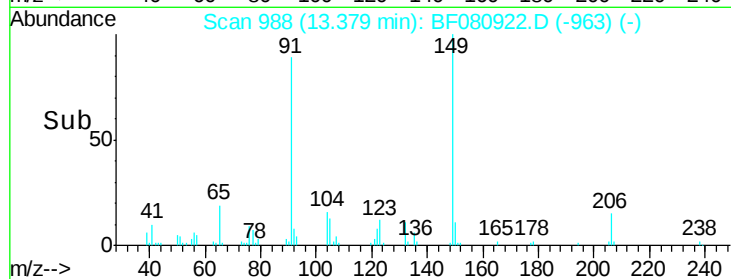
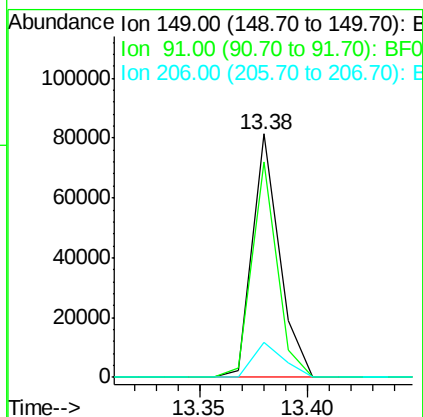
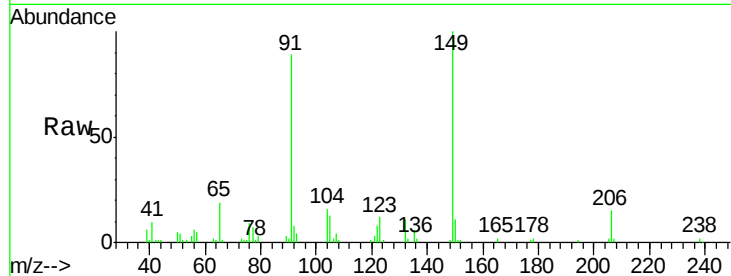




#79
Butylbenzylphthalate
Concen: 9.82 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

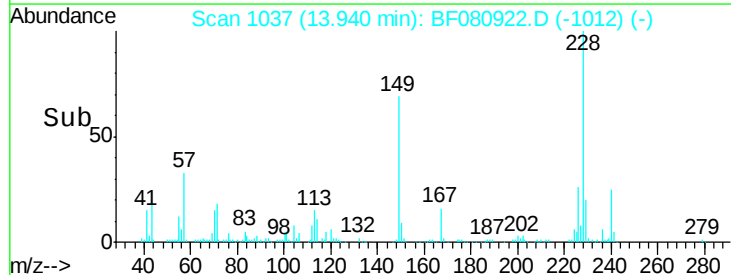
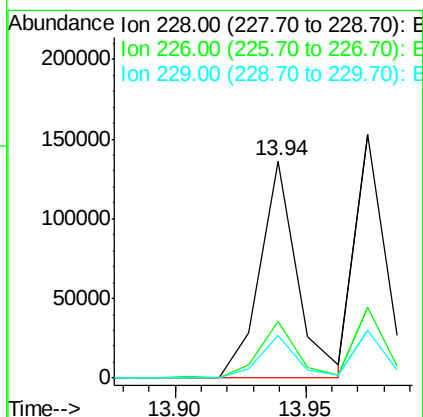
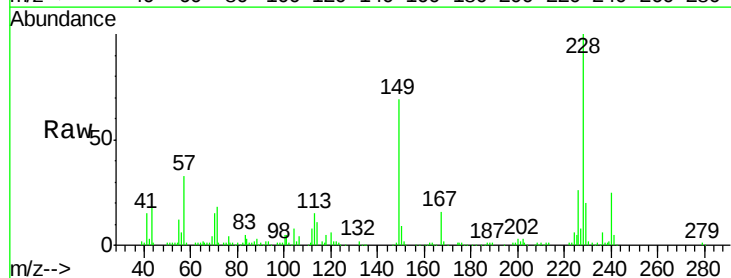
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 70443
Ion Ratio Lower Upper
149 100
91 88.6 47.2 70.8#
206 14.6 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 10.71 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:228 Resp: 136194
Ion Ratio Lower Upper
228 100
226 26.1 22.2 33.2
229 19.9 15.8 23.6

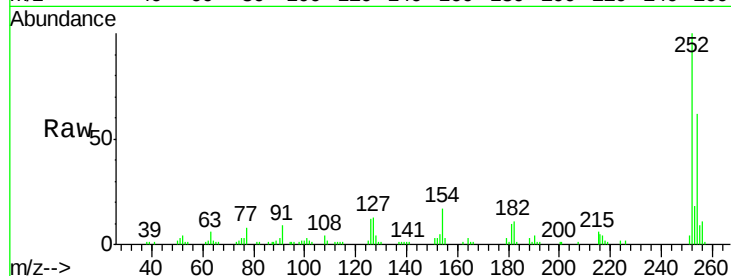




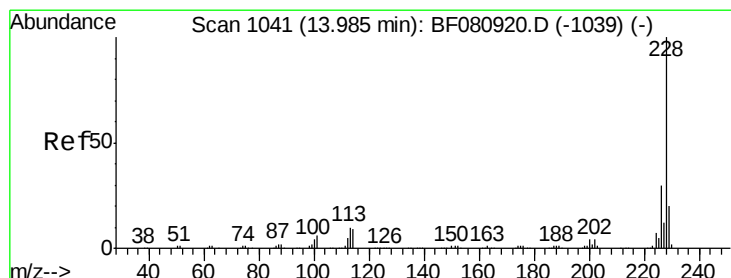
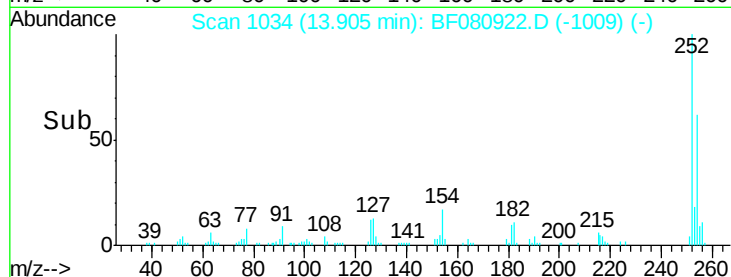
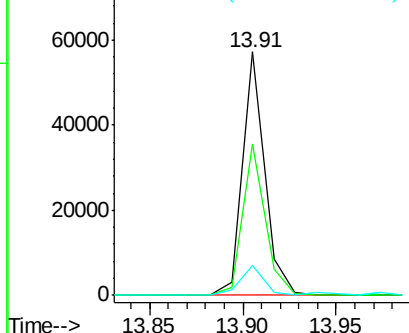
#81
 3,3'-Dichlorobenzidine
 Concen: 10.30 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 47636
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.7 77.5
 126 12.4 7.1 10.7#

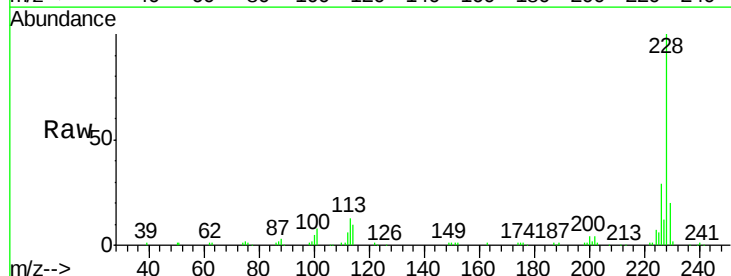


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

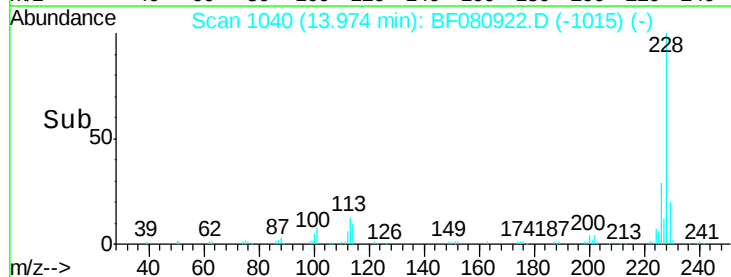
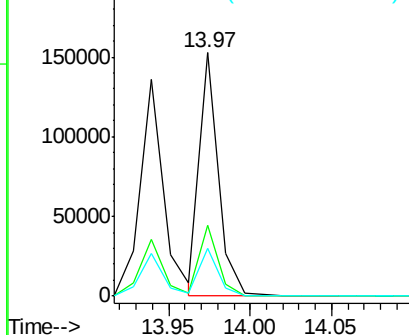


#82
 Chrysene
 Concen: 10.28 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion:228 Resp: 125180
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.9 35.9
 229 19.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.23 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

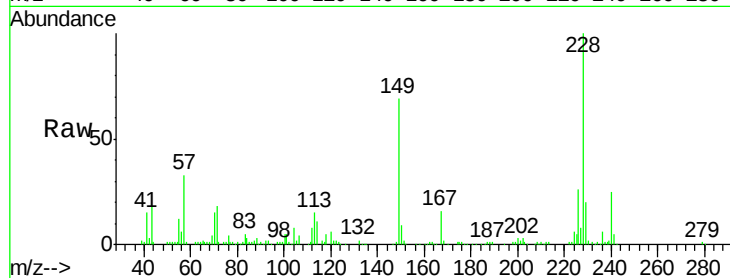
Tot Ion:149 Resp: 102029

Ion Ratio Lower Upper

149 100

167 23.2 21.4 32.0

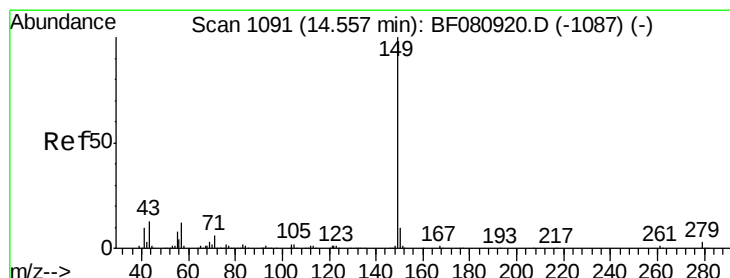
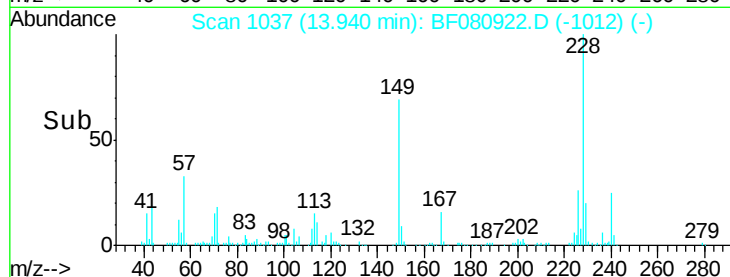
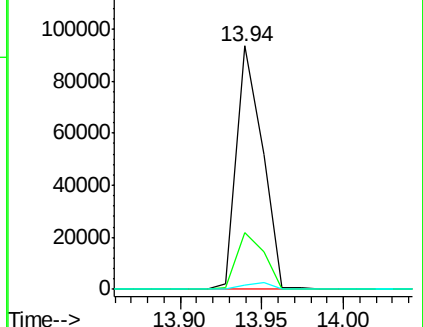
279 1.6 2.9 4.3#



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: 10.46 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

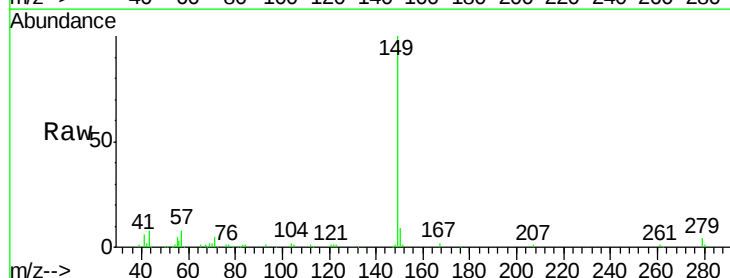
Tgt Ion:149 Resp: 176921

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

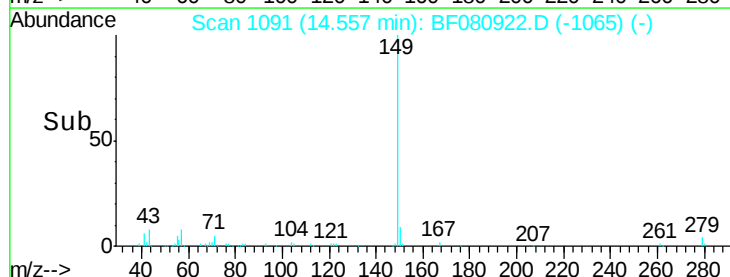
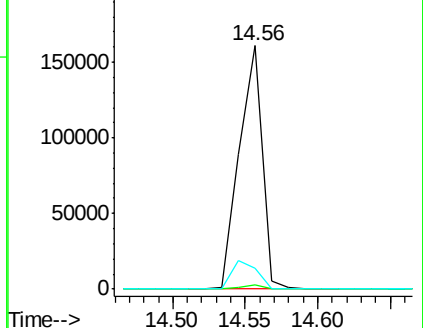
43 12.8 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

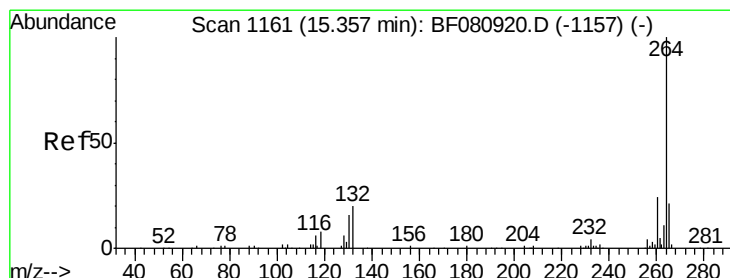
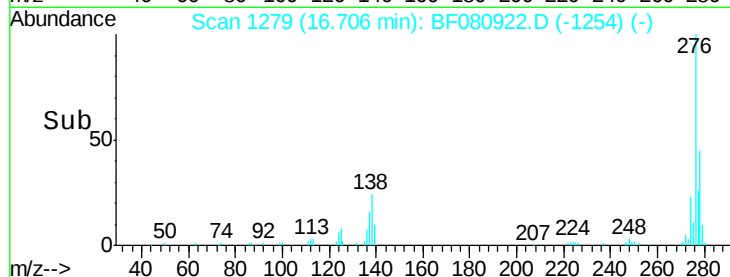
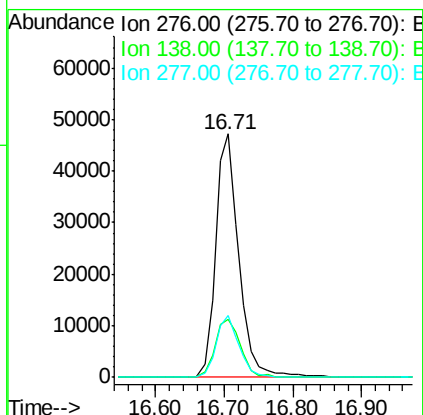
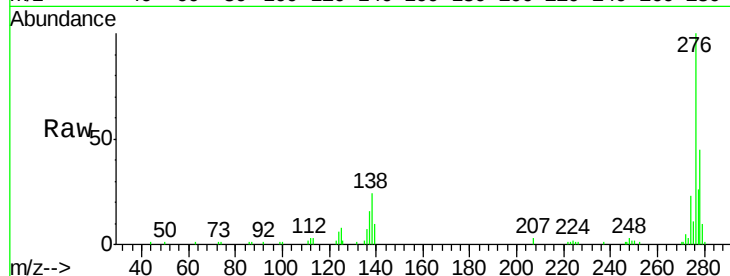




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.62 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

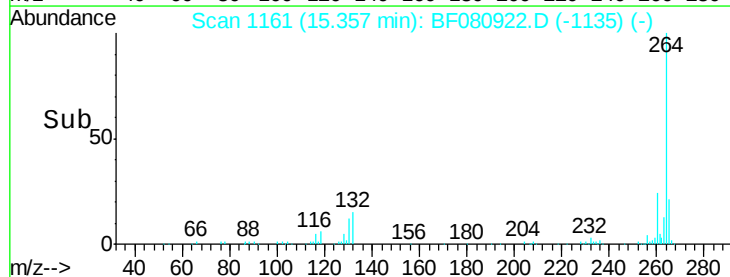
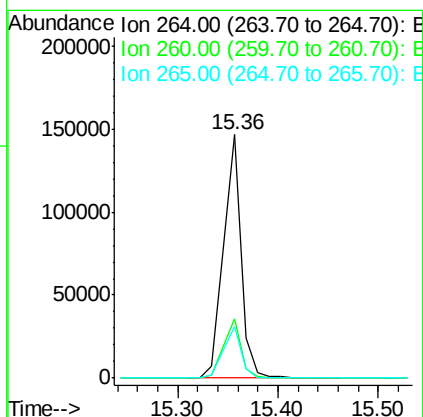
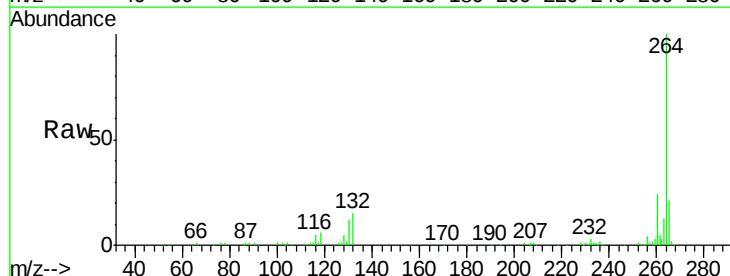
Instrument :
 BNA_F
 ClientSampleId :

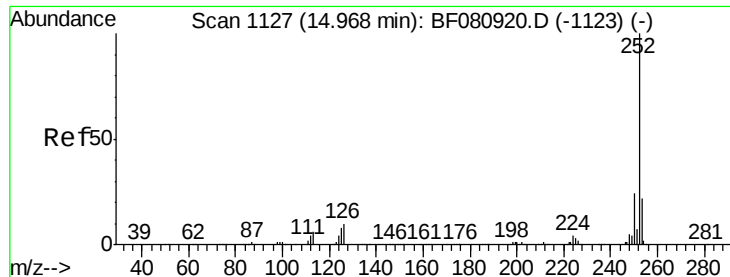
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.9	29.9
277	25.0	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 19.70 ng

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

Instrument :

BNA_F

ClientSampleId :

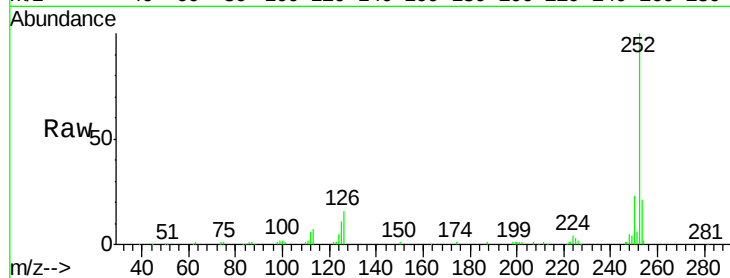
Tot Ion:252 Resp: 245177

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

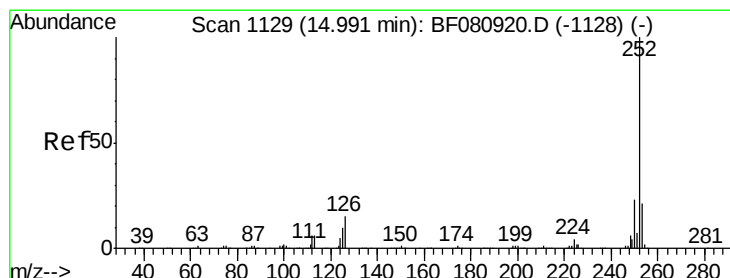
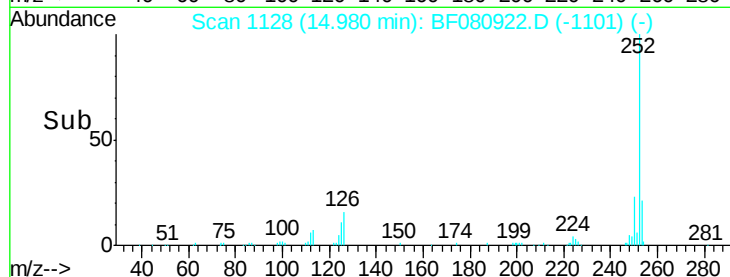
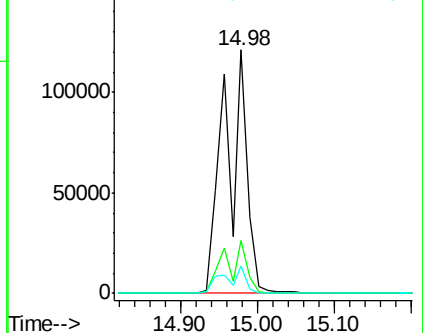
125 11.0 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 22.60 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF080922.D

Acq: 7 Aug 2015 12:45

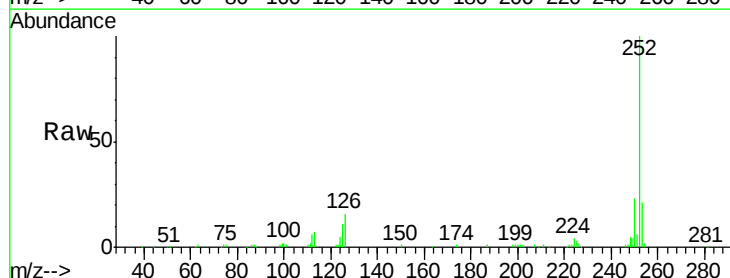
Tgt Ion:252 Resp: 245177

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

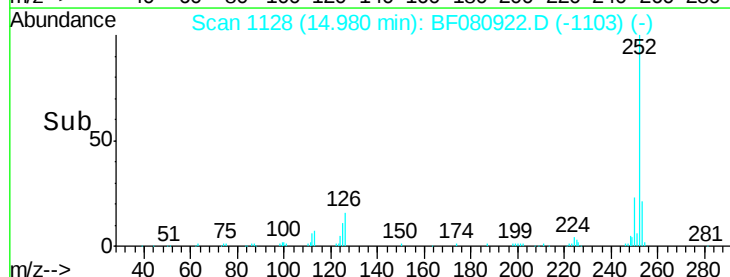
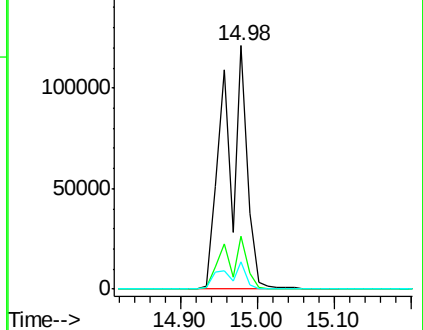
125 11.0 9.0 13.6

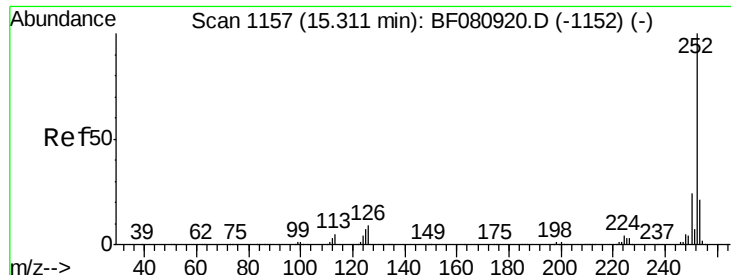


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

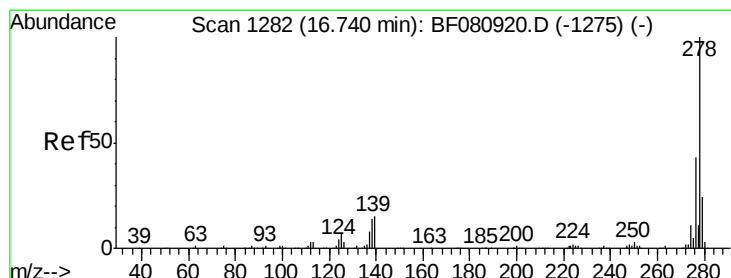
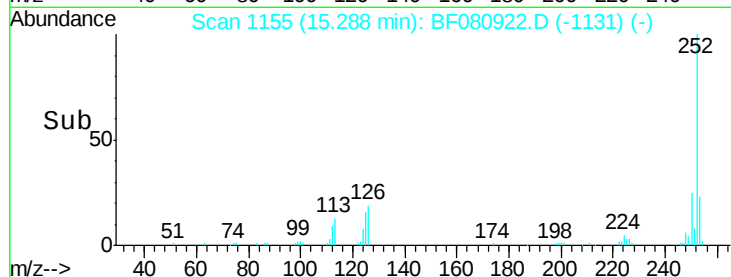
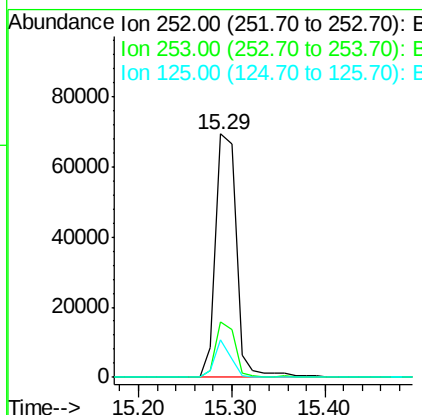
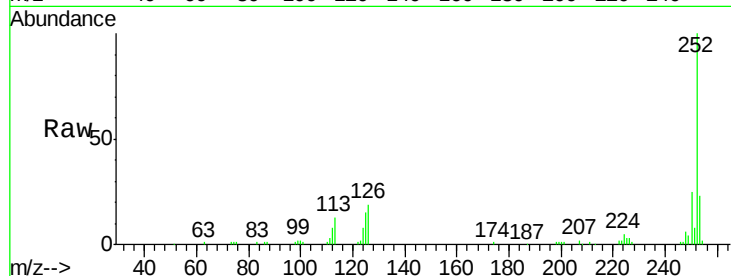




#89
Benzo(a)pyrene
Concen: 10.10 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

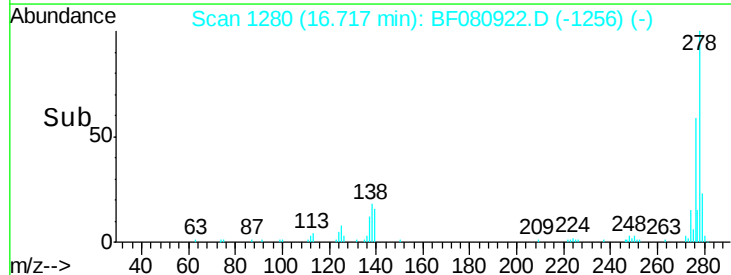
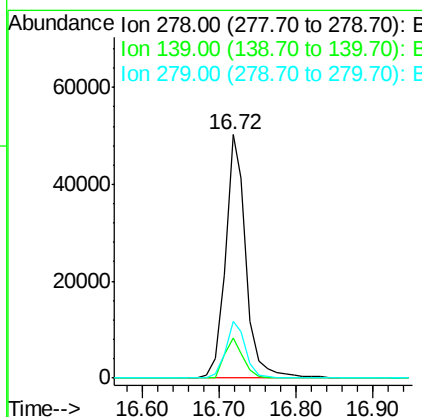
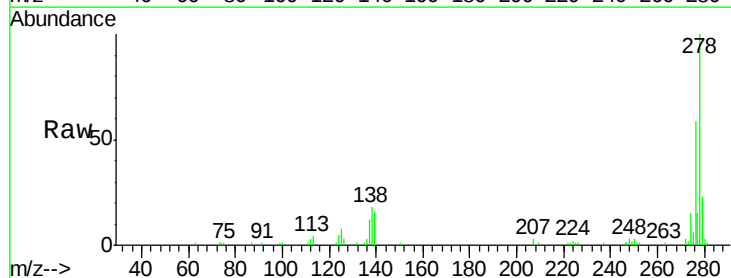
Instrument :
BNA_F
ClientSampleId :

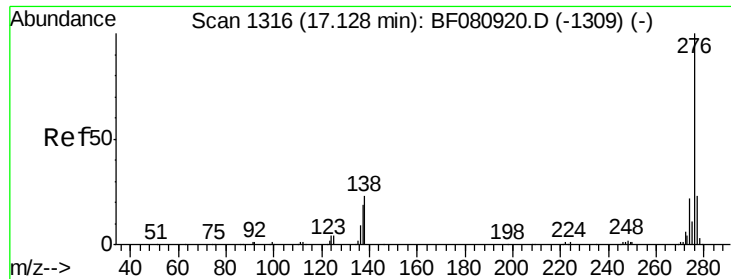
Tot Ion:252 Resp: 107989
Ion Ratio Lower Upper
252 100
253 22.6 16.9 25.3
125 15.5 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 10.00 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF080922.D
Acq: 7 Aug 2015 12:45

Tgt Ion:278 Resp: 94592
Ion Ratio Lower Upper
278 100
139 16.5 11.9 17.9
279 23.5 19.0 28.6

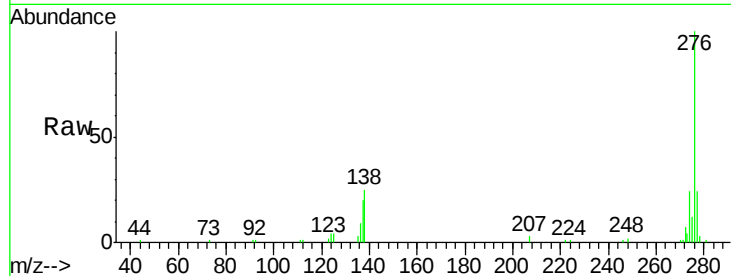




#91
 Benzo(a,h,i)perylene
 Concen: 9.71 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF080922.D
 Acq: 7 Aug 2015 12:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 89408
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.6 28.0
 138 24.7 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

