

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080972.D
 Acq On : 11 Aug 2015 20:40
 Operator : UM/IZ
 Sample : G3212-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:47:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	70597	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	319328	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	159903	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	317756	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	253374	20.00	ng	-0.03
86) Perylene-d12	15.32	264	239315	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	503493	116.53	ng	0.02
7) Phenol-d6	6.43	99	614208	103.73	ng	-0.01
23) Nitrobenzene-d5	7.36	82	433581	64.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	168830	96.11	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	752387	66.24	ng	-0.02
78) Terphenyl-d14	12.89	244	813143	66.29	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	59111	28.84	ng	# 79
3) Pyridine	3.20	79	81281	13.99	ng	90
4) n-Nitrosodimethylamine	3.12	42	90160	30.39	ng	84
6) Aniline	6.45	93	62908	7.23	ng	# 76
8) 2-Chlorophenol	6.58	128	149722	29.95	ng	97
9) Benzaldehyde	6.33	77	110886	27.78	ng	94
10) Phenol	6.44	94	205816	29.30	ng	90
11) bis(2-Chloroethyl)ether	6.53	93	171868	32.77	ng	92
12) 1,3-Dichlorobenzene	6.81	146	145816	27.48	ng	98
13) 1,4-Dichlorobenzene	6.81	146	145816	26.45	ng	98
14) 1,2-Dichlorobenzene	6.96	146	136768	27.44	ng	96
15) Benzyl Alcohol	6.93	79	136393	28.15	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	296819	28.13	ng	96
17) 2-Methylphenol	7.05	107	125124	29.32	ng	# 91
18) Hexachloroethane	7.30	117	58526	27.70	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	114265	26.40	ng	95
20) 3+4-Methylphenols	7.21	107	157413	29.36	ng	92
22) Acetophenone	7.21	105	278482	35.59	ng	# 86
24) Nitrobenzene	7.37	77	164991	23.74	ng	99
25) Isophorone	7.62	82	362096	27.89	ng	98
26) 2-Nitrophenol	7.69	139	83272	28.47	ng	97
27) 2,4-Dimethylphenol	7.73	122	160360	29.29	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	203266	26.08	ng	98
29) 2,4-Dichlorophenol	7.93	162	124702	27.71	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	131423	26.72	ng	98
31) Naphthalene	8.09	128	452745	25.72	ng	99
32) Benzoic acid	7.81	122	22455	6.85	ng	90
33) 4-Chloroaniline	8.14	127	38043	5.32	ng	95
34) Hexachlorobutadiene	8.21	225	79220	27.07	ng	98
35) Caprolactam	8.52	113	26201	16.19	ng	91
36) 4-Chloro-3-methylphenol	8.64	107	158100	28.79	ng	96
37) 2-Methylnaphthalene	8.78	142	294427	26.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	154475	31.34	ng	99
40) Hexachlorocyclopentadiene	8.94	237	175114	65.10	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080972.D
 Acq On : 11 Aug 2015 20:40
 Operator : UM/IZ
 Sample : G3212-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

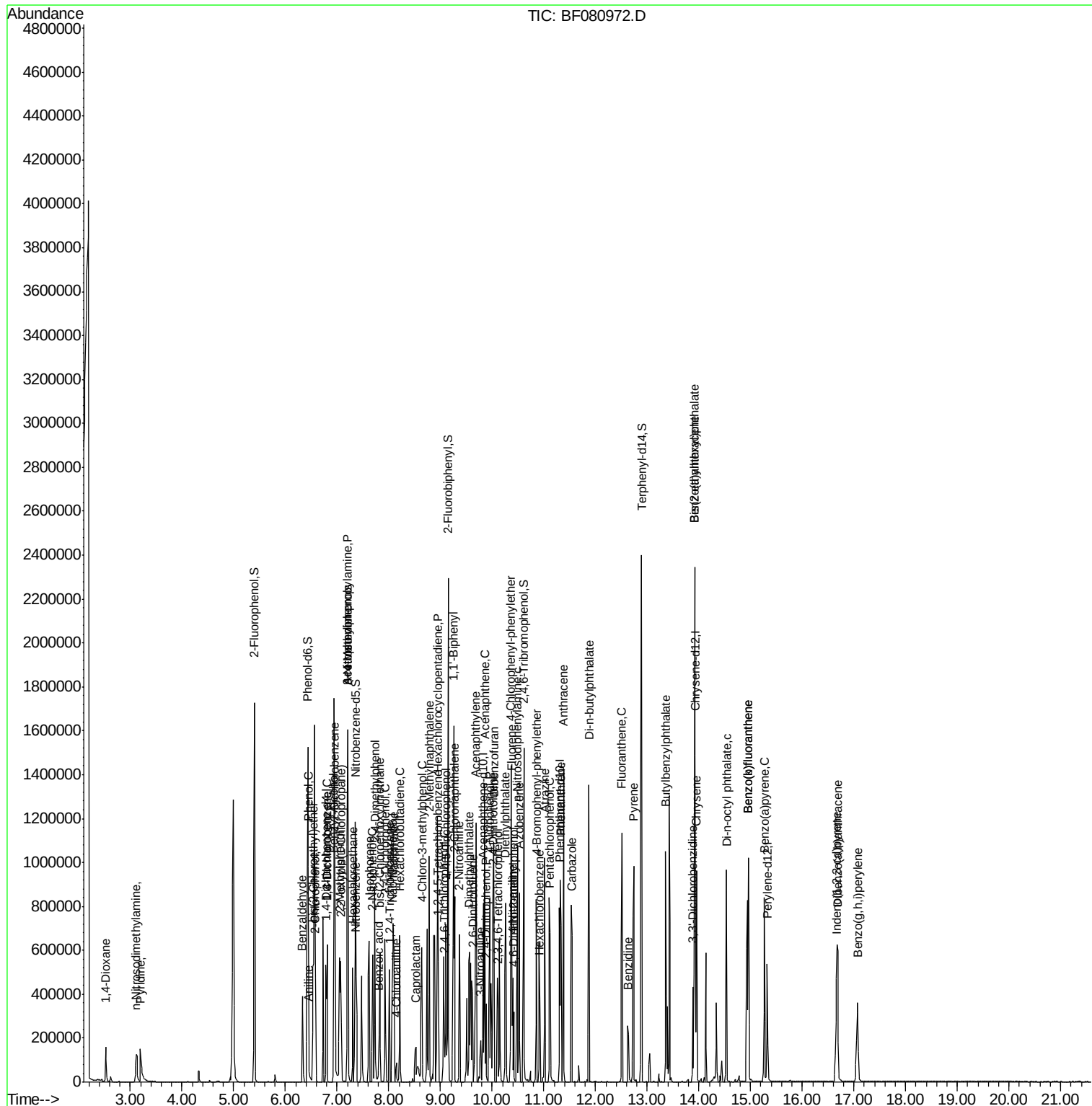
Instrument :
 BNA_F
 ClientSampleId :

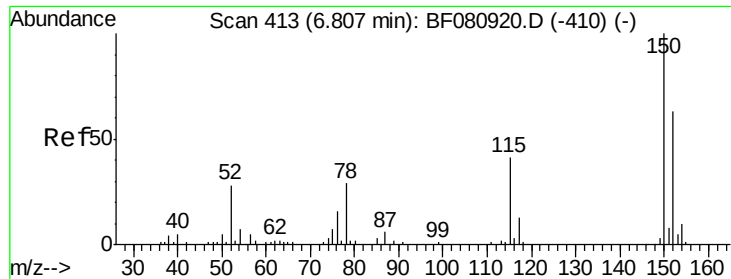
Quant Time: Aug 12 00:47:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	99099	27.43	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	107323	29.48	nq #	83
45) 1,1'-Biphenyl	9.25	154	538675	39.25	nq	99
46) 2-Chloronaphthalene	9.28	162	309033	28.88	nq	99
47) 2-Nitroaniline	9.37	65	122504	28.56	nq	96
48) Acenaphthylene	9.69	152	523927	28.17	nq	100
49) Dimethylphthalate	9.56	163	374208	28.17	nq #	98
50) 2,6-Dinitrotoluene	9.62	165	82280	29.98	nq #	52
51) Acenaphthene	9.86	154	326241	28.64	nq	99
52) 3-Nitroaniline	9.78	138	32148	9.50	nq	86
53) 2,4-Dinitrophenol	9.88	184	36228	26.20	nq	89
54) Dibenzofuran	10.03	168	427273	27.74	nq	99
55) 4-Nitrophenol	9.95	139	136536	53.92	nq #	60
56) 2,4-Dinitrotoluene	10.02	165	108279	29.49	nq #	70
57) Fluorene	10.37	166	335062	28.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	73926	25.66	nq	100
59) Diethylphthalate	10.26	149	393243	28.44	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	133816	23.05	nq	97
61) 4-Nitroaniline	10.40	138	76248	21.90	nq	95
62) Azobenzene	10.52	77	375702	24.30	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	29059	14.76	nq	79
65) n-Nitrosodiphenylamine	10.49	169	282036	25.55	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	89747	26.67	nq	99
67) Hexachlorobenzene	10.92	284	106978	28.59	nq	97
68) Atrazine	11.01	200	109560	33.85	nq	96
69) Pentachlorophenol	11.12	266	139548	64.14	nq	98
70) Phenanthrene	11.32	178	486590	27.04	nq	99
71) Anthracene	11.38	178	512343	28.76	nq	100
72) Carbazole	11.54	167	471654	27.19	nq	100
73) Di-n-butylphthalate	11.87	149	611171	28.18	nq	99
74) Fluoranthene	12.51	202	549789	28.27	nq	97
76) Benzidine	12.64	184	136605	10.78	nq	96
77) Pyrene	12.74	202	569777	30.44	nq	99
79) Butylbenzylphthalate	13.36	149	263146	29.16	nq #	69
80) Benzo(a)anthracene	13.92	228	481153	30.06	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	78853	13.54	nq #	96
82) Chrysene	13.95	228	452039	29.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	346459	27.59	nq #	93
84) Di-n-octyl phthalate	14.53	149	639255	30.03	nq	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	400463	27.46	nq	100
87) Benzo(b)fluoranthene	14.96	252	882717	53.04	nq #	97
88) Benzo(k)fluoranthene	14.96	252	882717	60.63	nq	99
89) Benzo(a)pyrene	15.27	252	419062	29.30	nq #	95
90) Dibenzo(a,h)anthracene	16.68	278	337603	26.69	nq	100
91) Benzo(g,h,i)perylene	17.07	276	322460	26.21	nq	98

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

Quant Time: Aug 12 00:47:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration



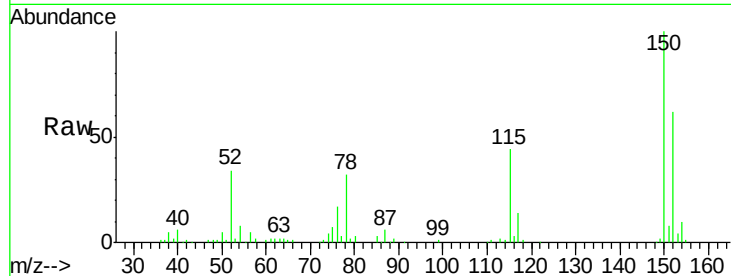


#1

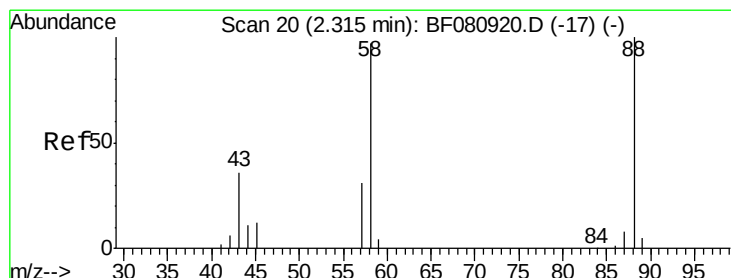
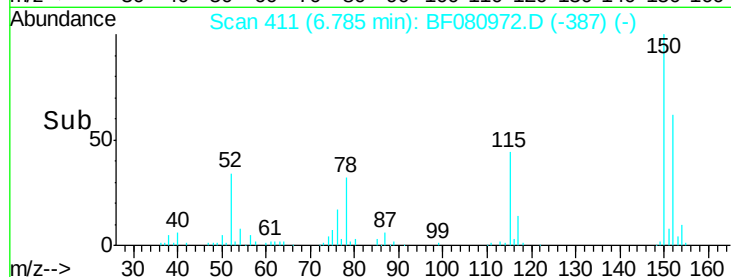
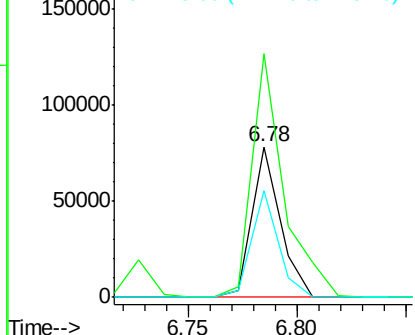
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70597
Ion Ratio Lower Upper
152 100
150 162.1 127.4 191.2
115 70.8 52.6 78.8



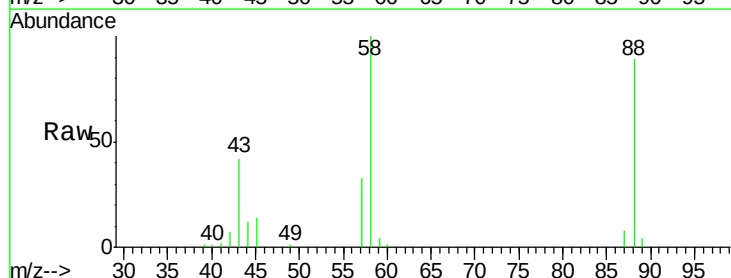
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



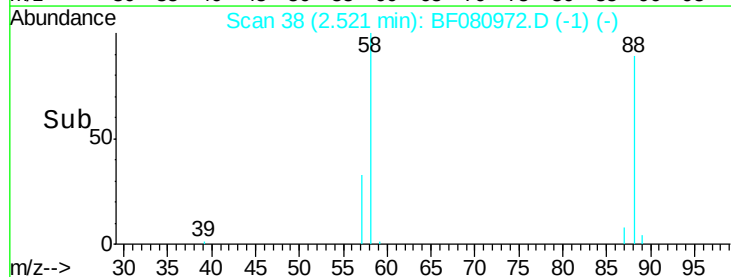
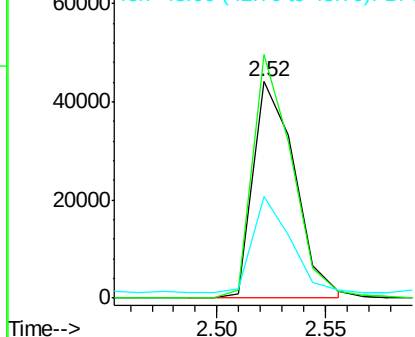
#2

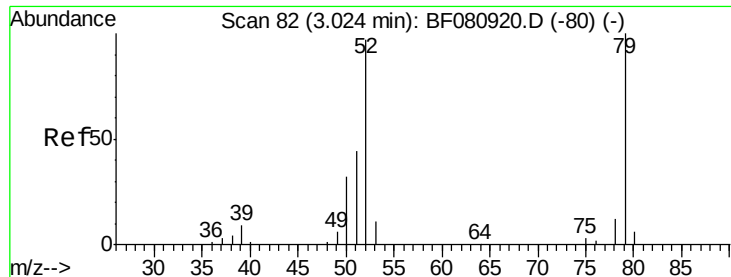
1,4-Dioxane
Concen: 28.84 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.21 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion: 88 Resp: 59111
Ion Ratio Lower Upper
88 100
58 105.3 79.3 118.9
43 0.0 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

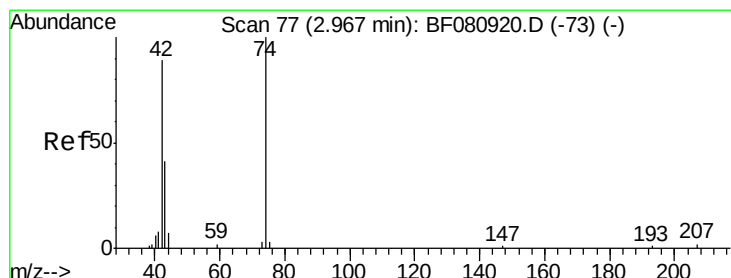
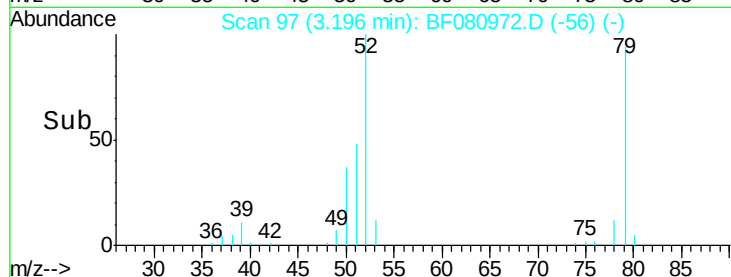
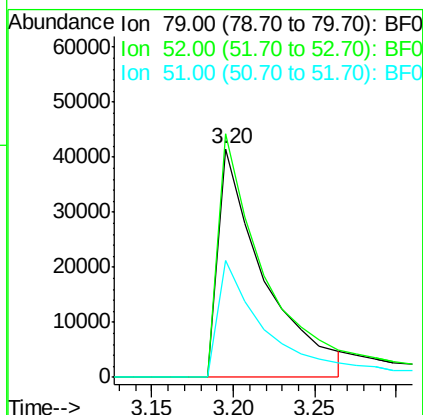
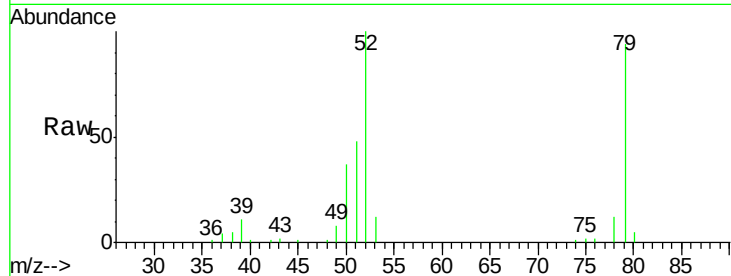




#3
 Pvridine
 Concen: 13.99 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.17 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

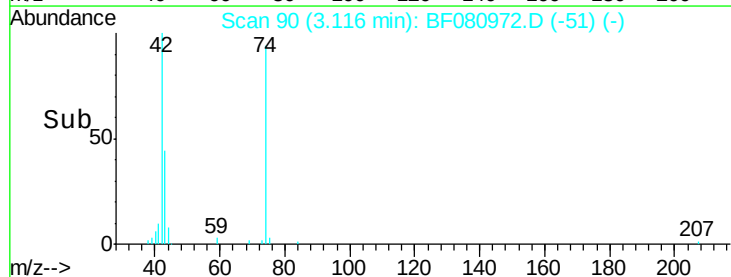
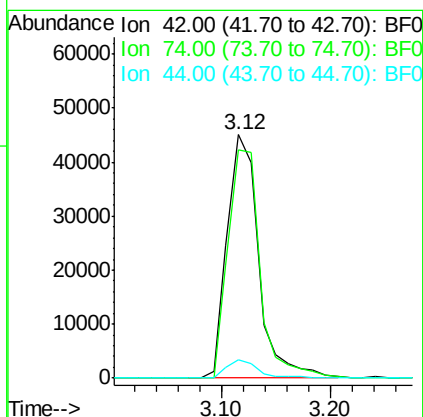
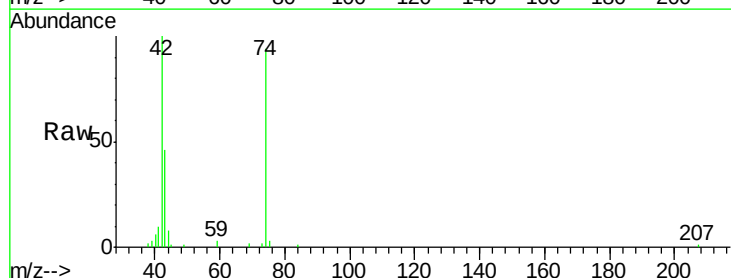
Instrument :
 BNA_F
 ClientSampled :

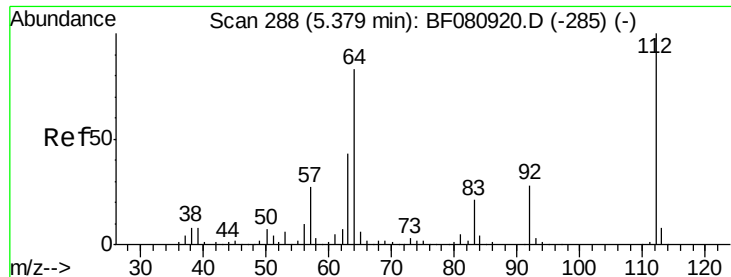
Tot Ion: 79 Resp: 81281
 Ion Ratio Lower Upper
 79 100
 52 106.4 77.2 115.8
 51 51.0 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 30.39 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.15 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion: 42 Resp: 90160
 Ion Ratio Lower Upper
 42 100
 74 94.0 89.8 134.8
 44 7.5 6.5 9.7





#5

2-Fluorophenol

Concen: 116.53 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF080972.D

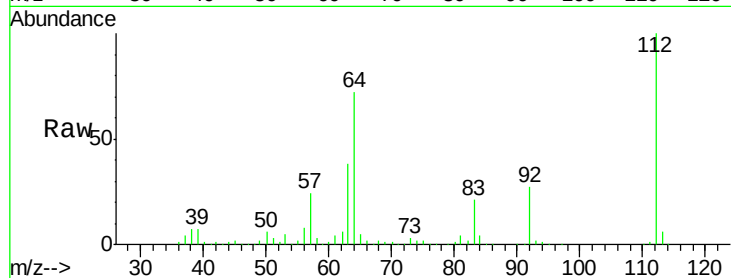
Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

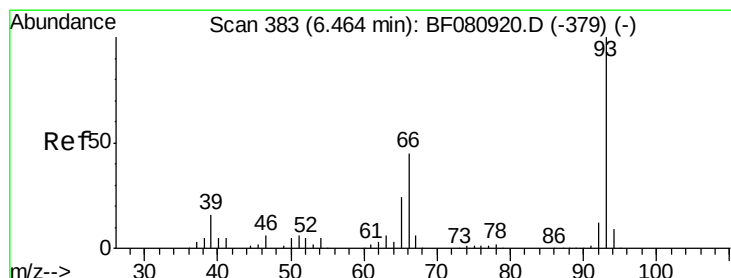
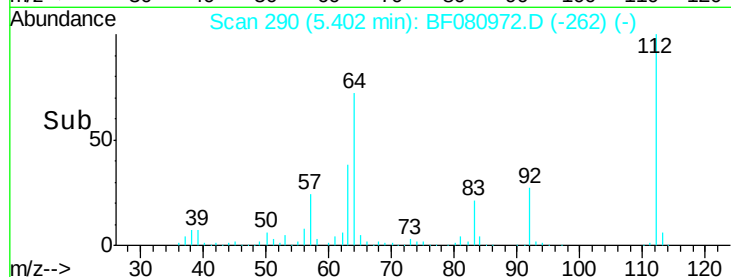
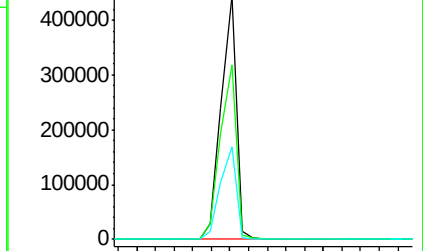
Tot Ion:	112	Resp:	503493
Ion	Ratio	Lower	Upper
112	100		
64	71.9	66.1	99.1
63	38.1	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.23 ng

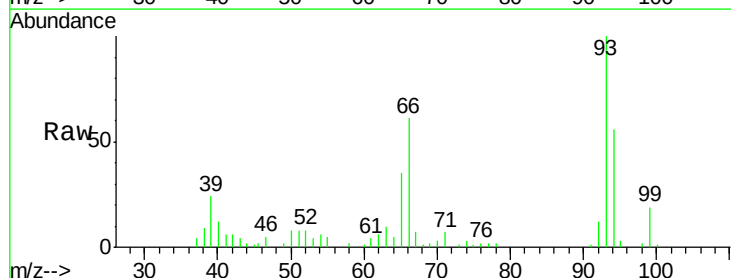
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

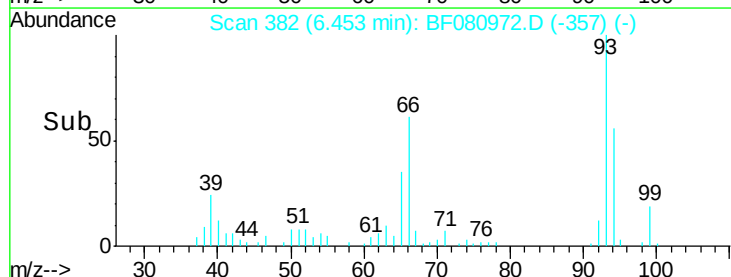
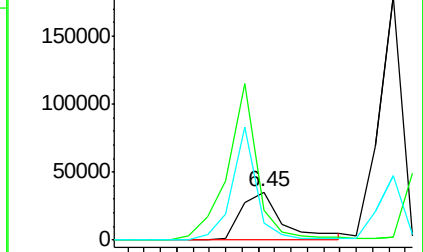
Tgt Ion:	93	Resp:	62908
Ion	Ratio	Lower	Upper
93	100		
66	60.8	36.2	54.4#
65	35.5	19.0	28.4#

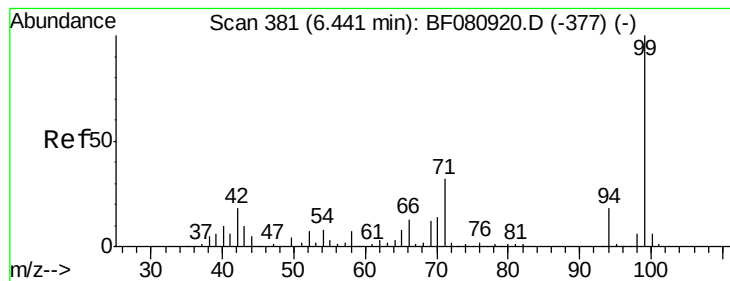


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.73 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

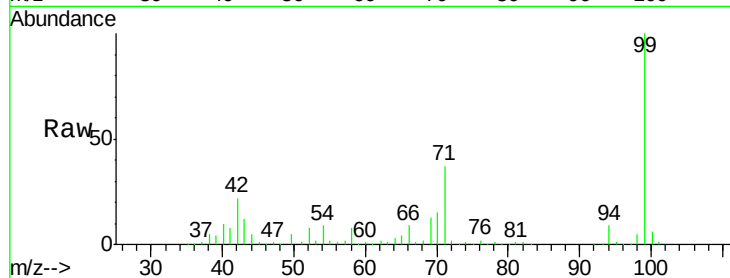
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 614208

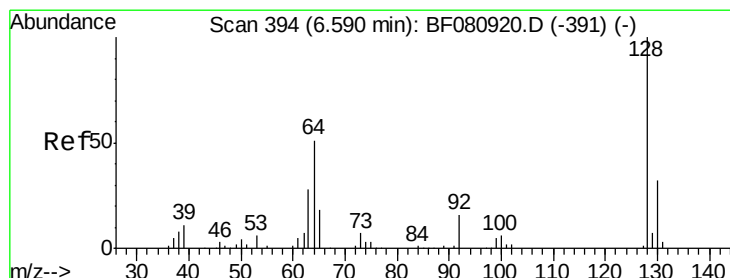
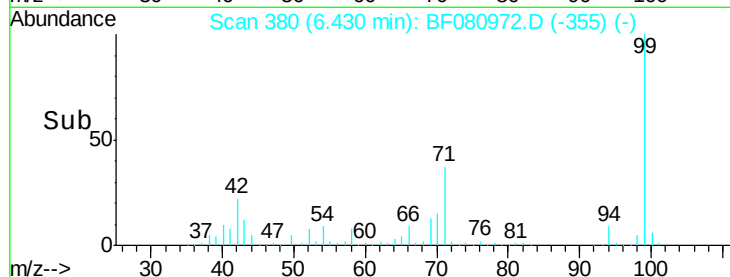
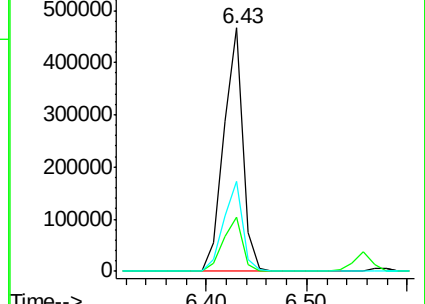
Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.4	21.6#
71	36.8	25.8	38.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 29.95 ng

RT: 6.58 min Scan# 393

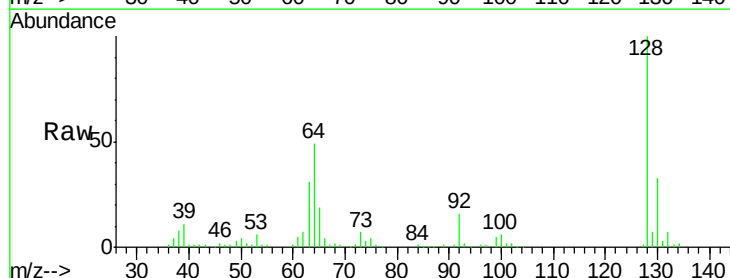
Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Tgt Ion: 128 Resp: 149722

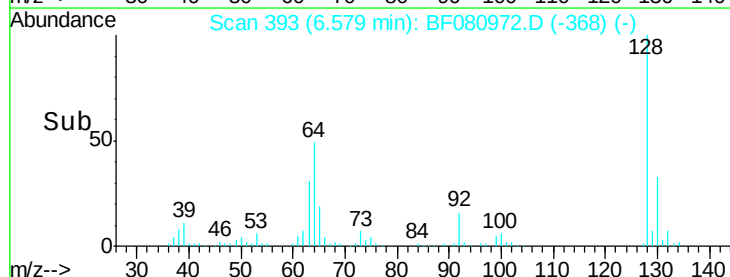
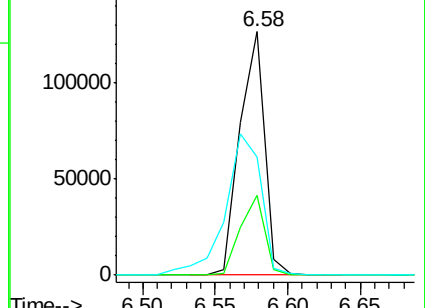
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	48.6	32.1	72.1

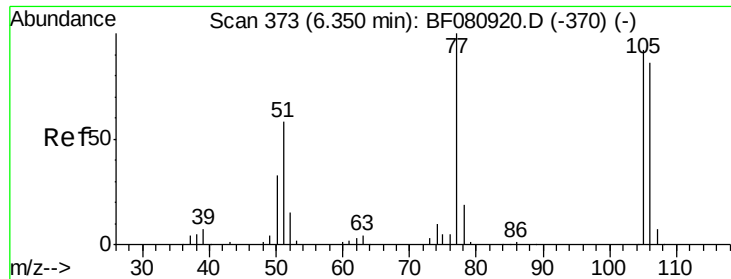


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

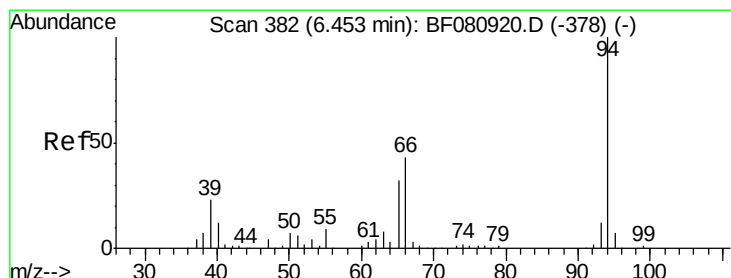
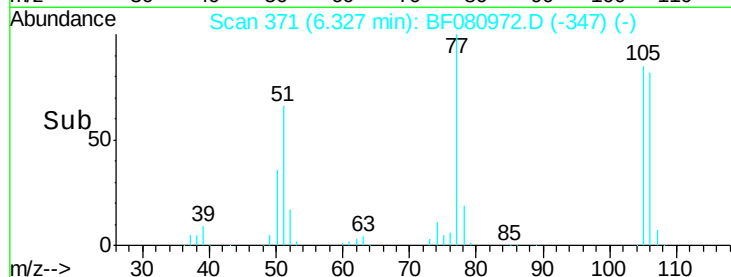
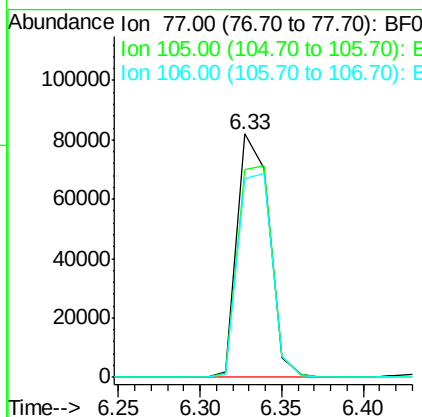
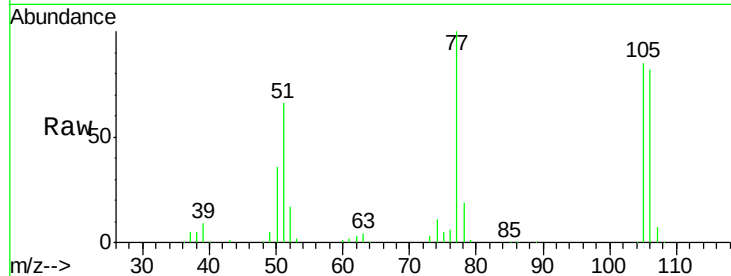




#9
Benzaldehyde
Concen: 27.78 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

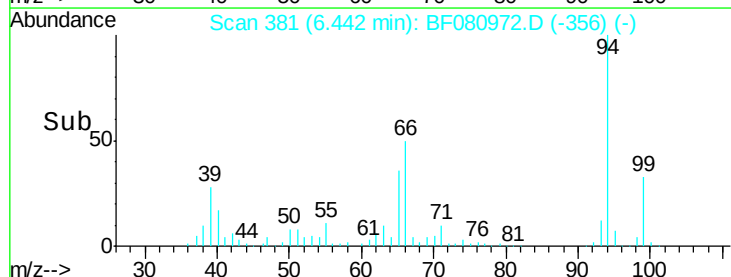
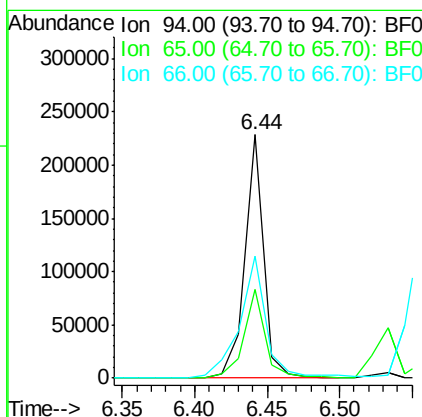
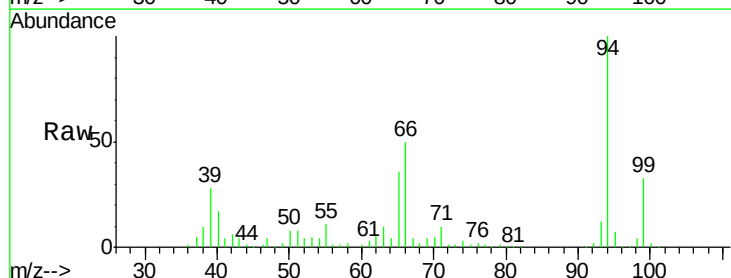
Instrument :
BNA_F
ClientSampled :

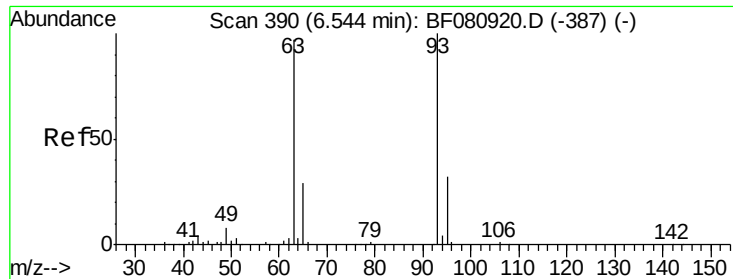
Tot Ion: 77 Resp: 110886
Ion Ratio Lower Upper
77 100
105 85.4 71.6 111.6
106 81.6 65.7 105.7



#10
Phenol
Concen: 29.30 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion: 94 Resp: 205816
Ion Ratio Lower Upper
94 100
65 36.5 11.8 51.8
66 50.2 22.9 62.9

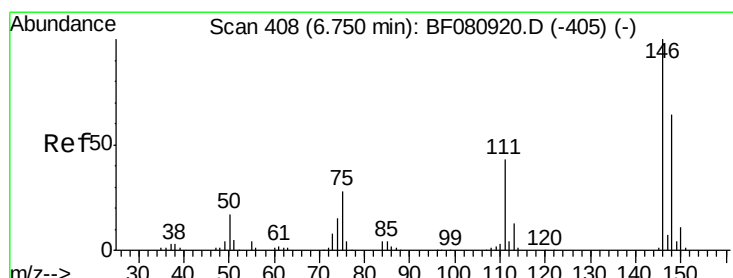
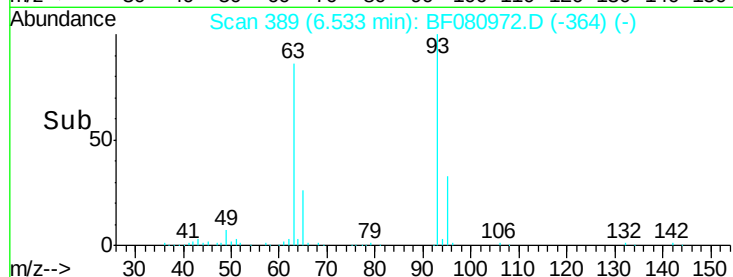
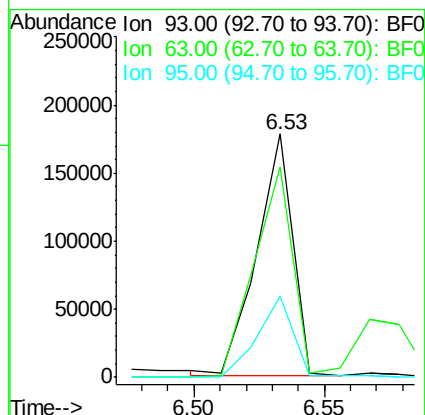
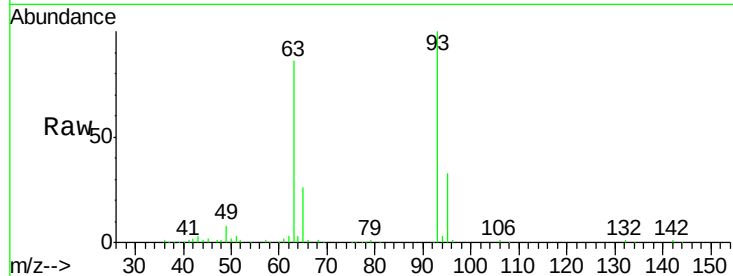




#11
bis(2-Chloroethyl)ether
Concen: 32.77 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

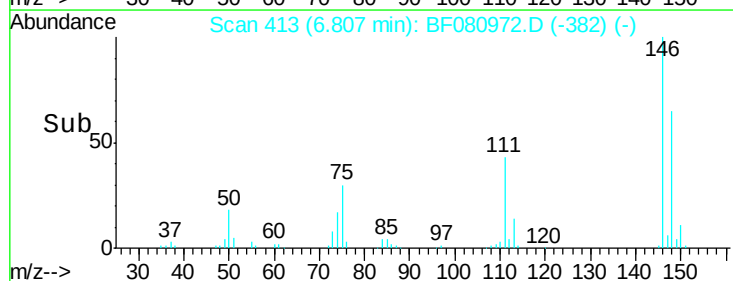
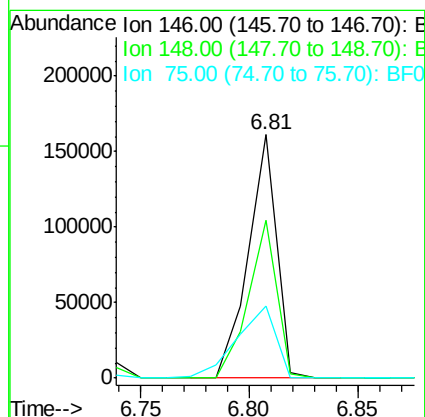
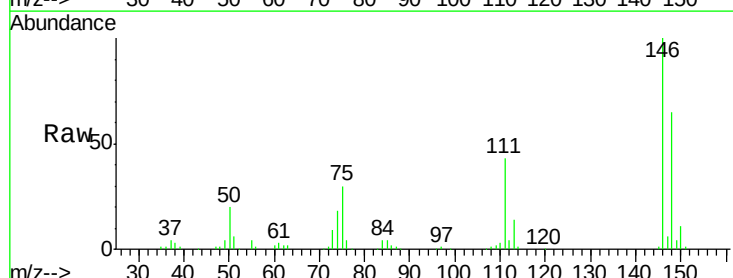
Instrument :
BNA_F
ClientSampleId :

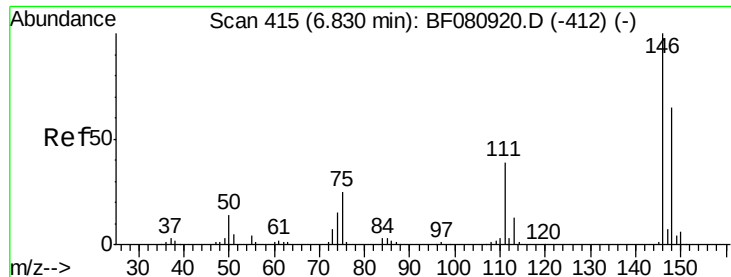
Tot Ion: 93 Resp: 171868
Ion Ratio Lower Upper
93 100
63 86.4 76.7 116.7
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 27.48 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.06 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion: 146 Resp: 145816
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 29.8 22.2 33.4

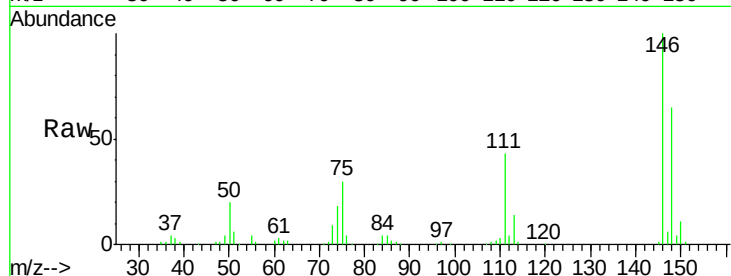




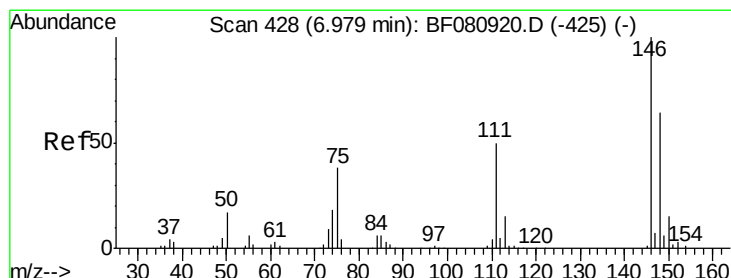
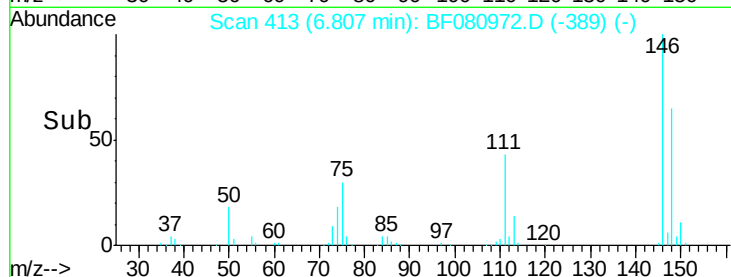
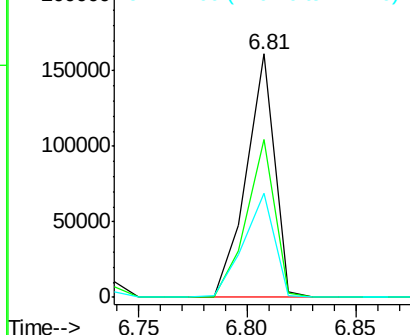
#13
 1,4-Dichlorobenzene
 Concen: 26.45 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 145816
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 43.0 31.5 47.3

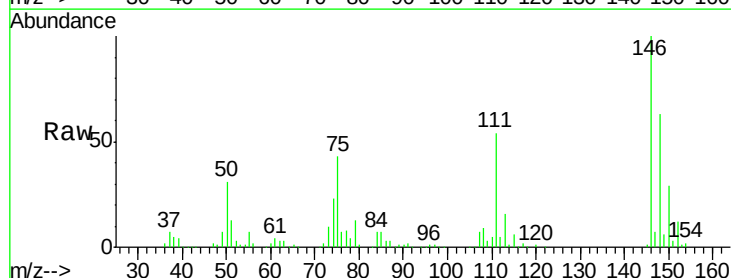


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

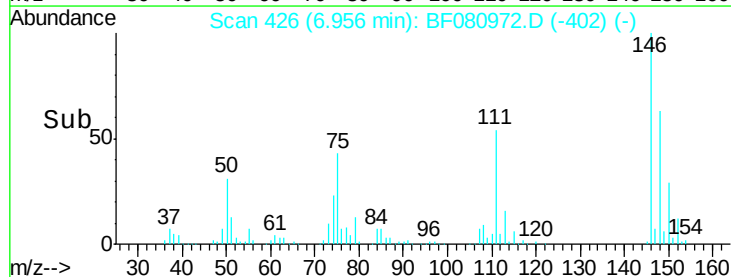
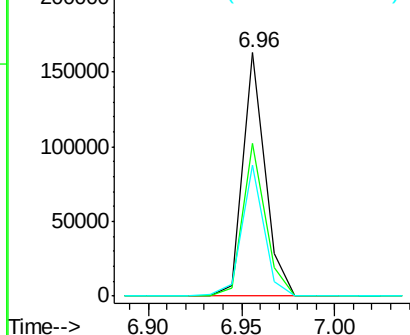


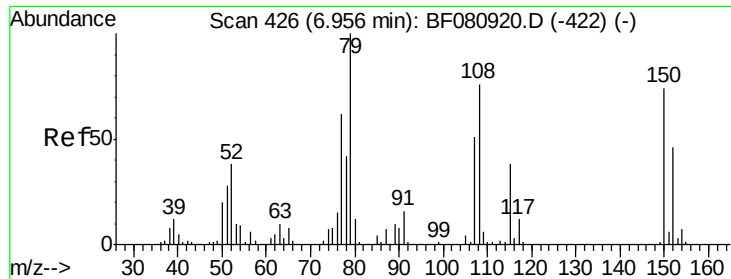
#14
 1,2-Dichlorobenzene
 Concen: 27.44 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion:146 Resp: 136768
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.1 76.7
 111 54.0 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: 28.15 ng

RT: 6.93 min Scan# 424

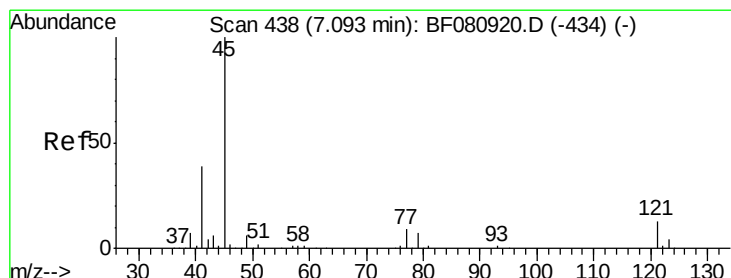
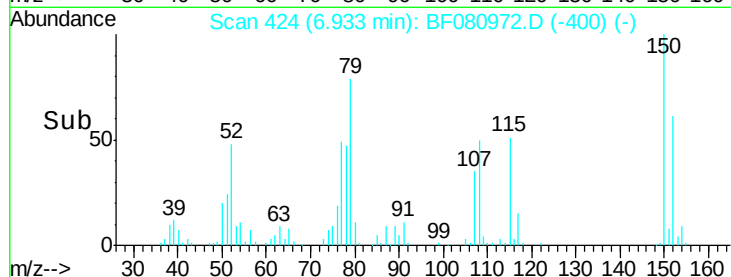
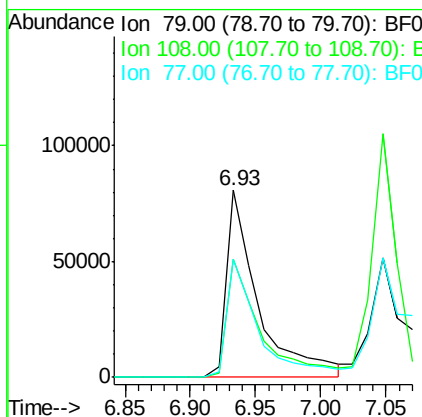
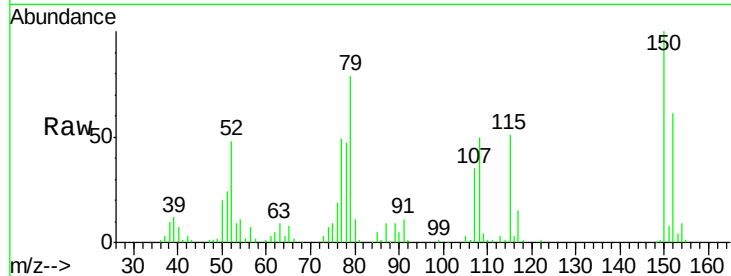
Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	136393
Ion	Ratio	Lower	Upper
79	100		
108	62.9	60.9	91.3
77	62.8	49.4	74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.13 ng

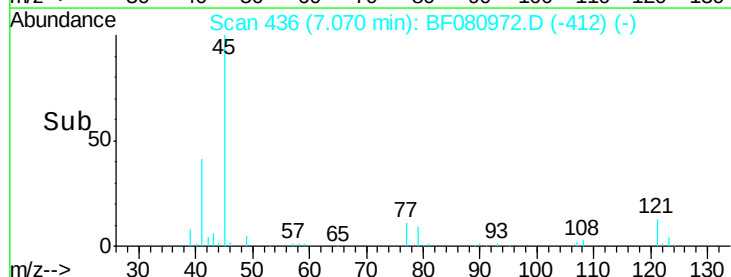
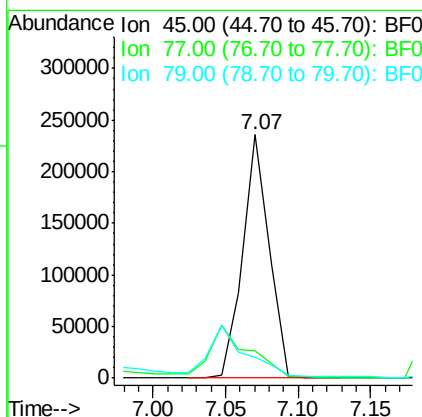
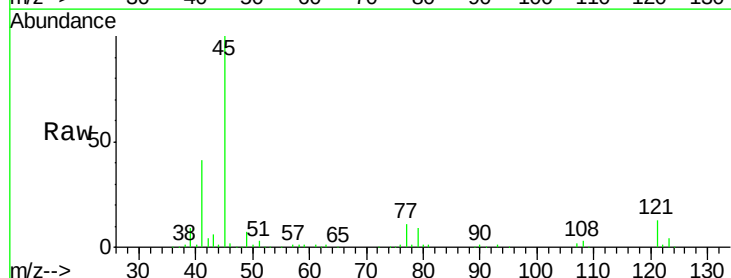
RT: 7.07 min Scan# 436

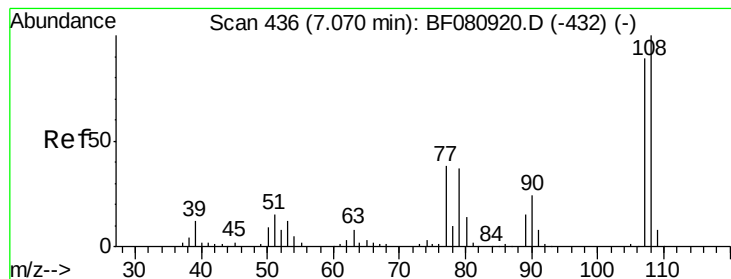
Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Tgt Ion:	45	Resp:	296819
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	29.6
79	8.8	0.0	27.7

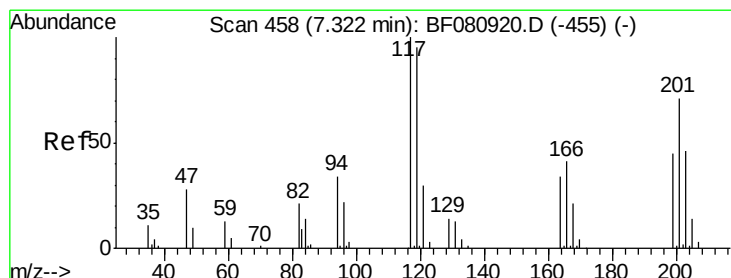
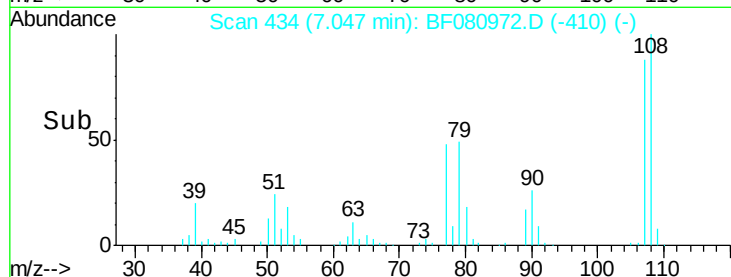
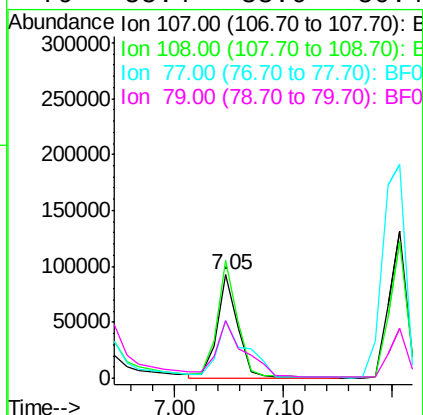
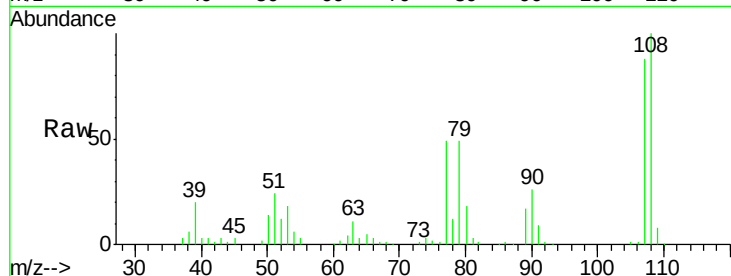




#17
2-Methylphenol
Concen: 29.32 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

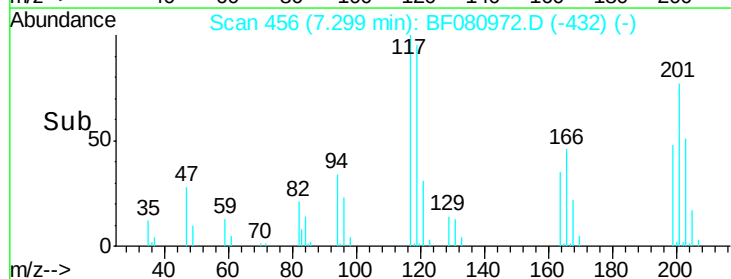
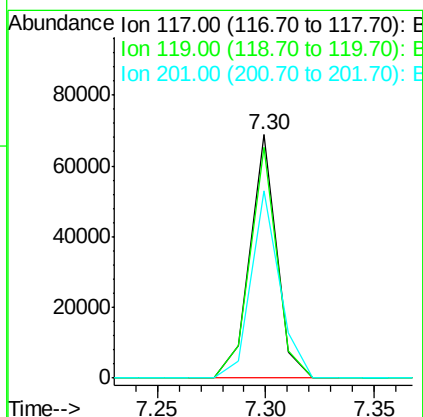
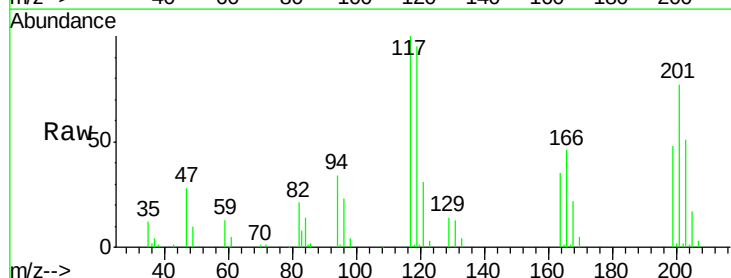
Instrument :
BNA_F
ClientSampled :

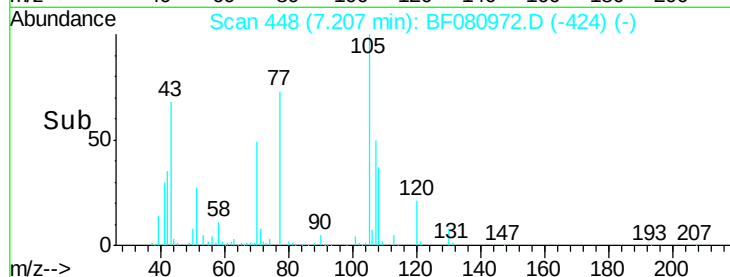
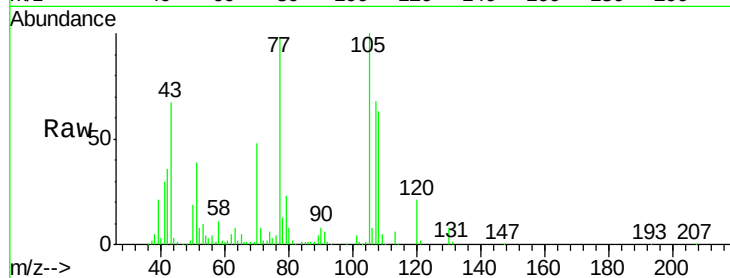
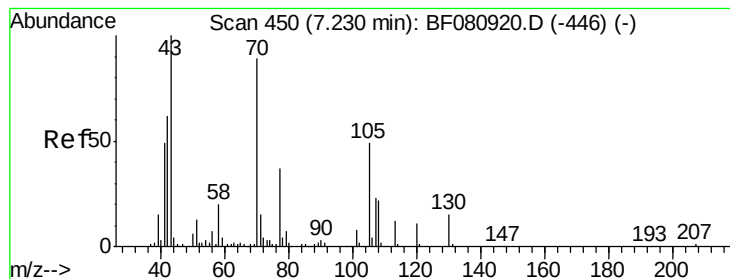
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.3	135.5
77	55.4	34.6	51.8#
79	55.4	33.6	50.4#



#18
Hexachloroethane
Concen: 27.70 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.3	114.5
201	76.9	57.0	85.6





#19

n-Nitroso-di-n-propylamine

Concen: 26.40 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 114265

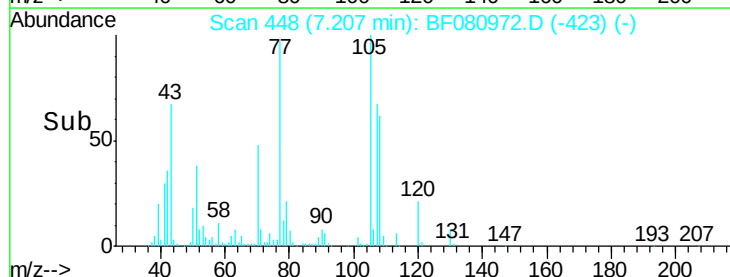
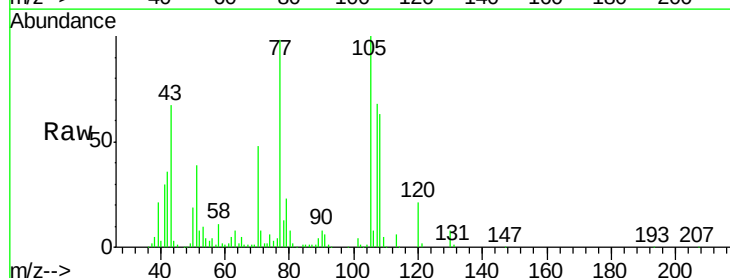
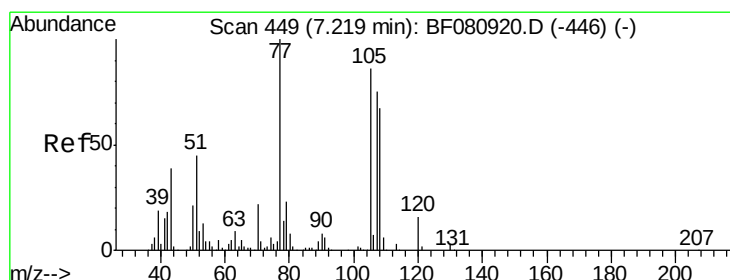
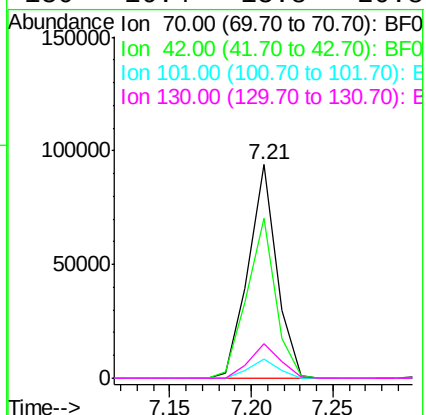
Ion Ratio Lower Upper

70 100

42 74.8 55.7 83.5

101 8.8 7.0 10.6

130 16.4 13.8 20.8



#20

3+4-Methylphenols

Concen: 29.36 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Tgt Ion: 107 Resp: 157413

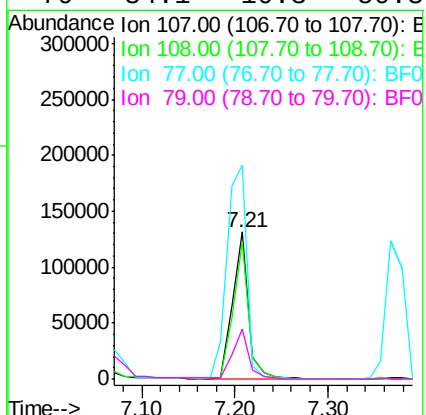
Ion Ratio Lower Upper

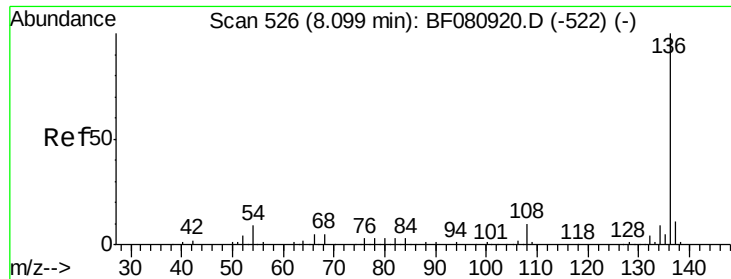
107 100

108 93.2 69.2 109.2

77 145.3 113.0 153.0

79 34.1 10.3 50.3

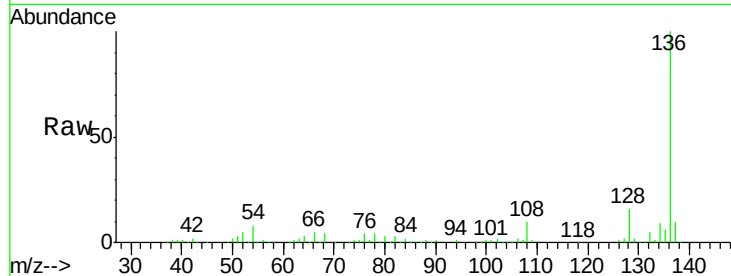




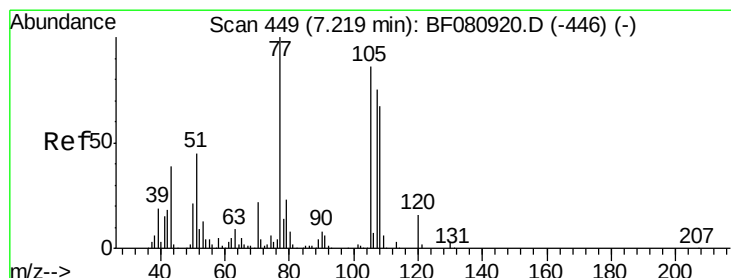
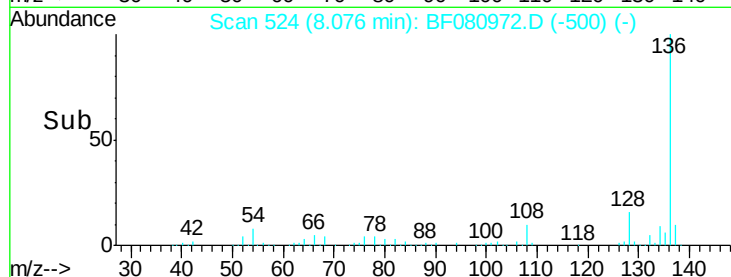
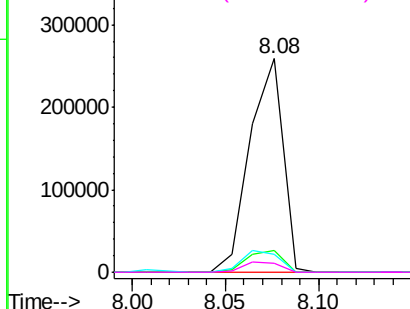
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	319328
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.5 12.7
54	8.4	7.1 10.7
68	4.3	3.8 5.8

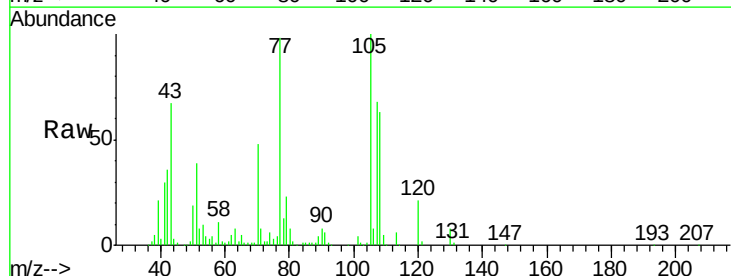


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

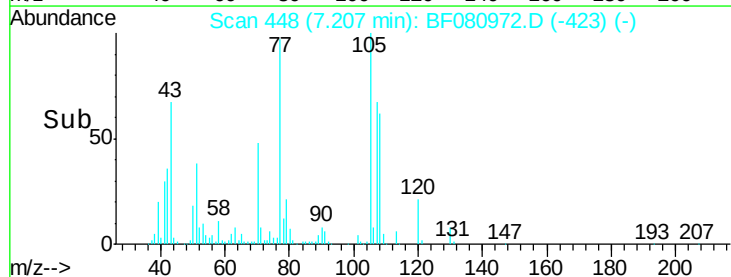
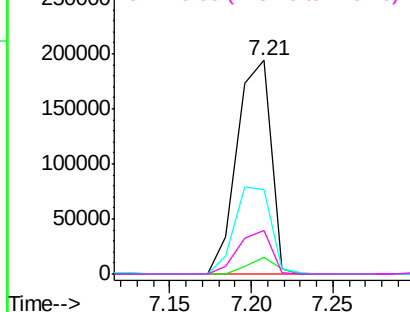


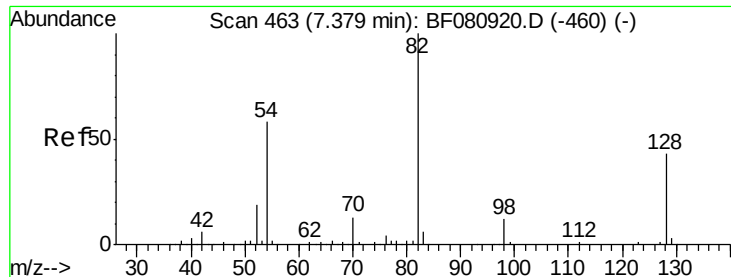
#22
Acetophenone
Concen: 35.59 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:105	Resp:	278482
Ion Ratio	Lower	Upper
105	100	
71	7.9	3.3 4.9#
51	39.4	41.8 62.6#
120	20.6	15.1 22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

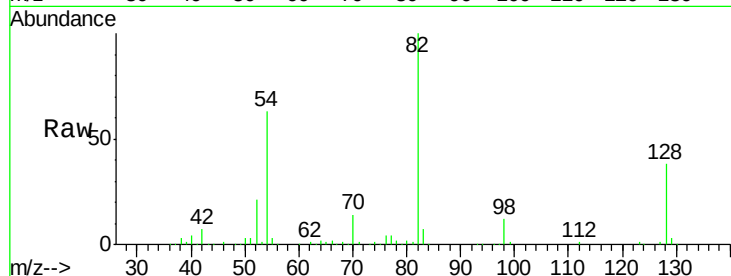




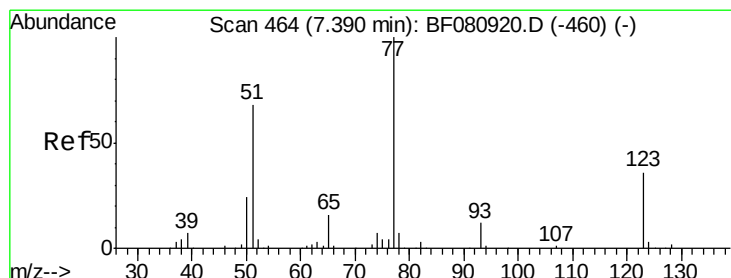
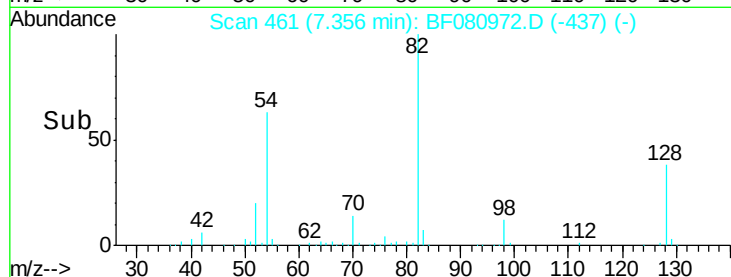
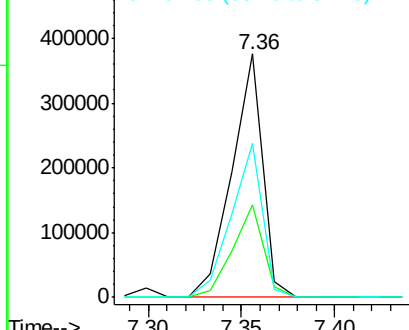
#23
 Nitrobenzene-d5
 Concen: 64.23 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	433581
Ion Ratio	Lower	Upper	
82	100		
128	38.2	34.1	51.1
54	63.2	46.5	69.7

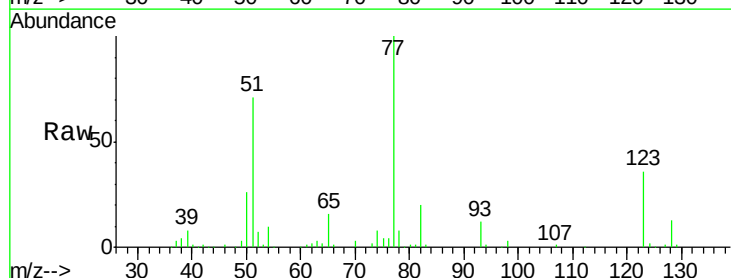


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

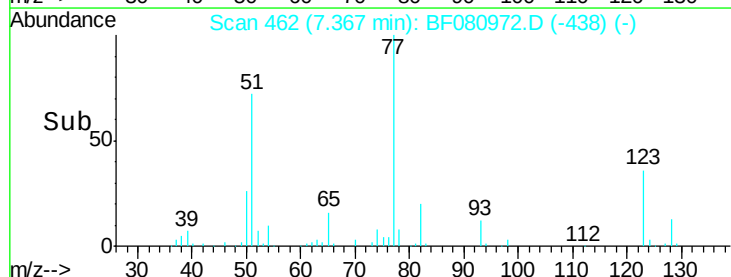
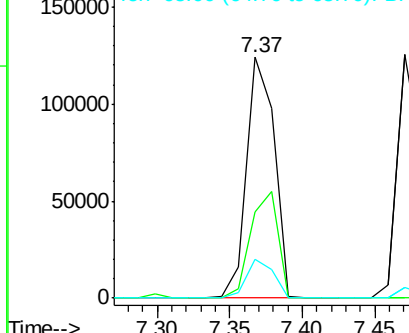


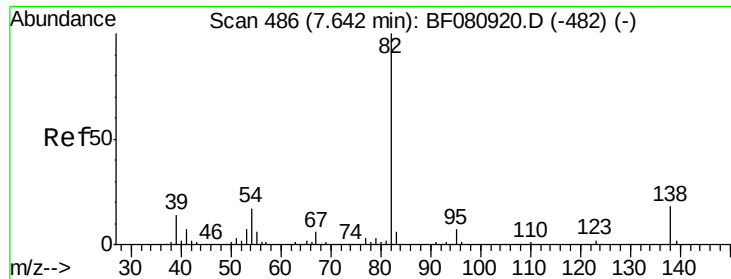
#24
 Nitrobenzene
 Concen: 23.74 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion	77	Resp	164991
Ion Ratio	Lower	Upper	
77	100		
123	35.7	28.7	43.1
65	16.0	12.5	18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 27.89 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

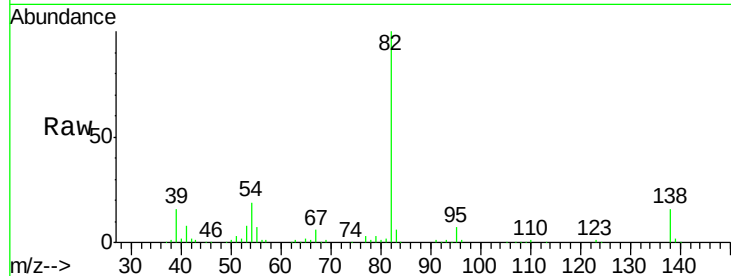
Tot Ion: 82 Resp: 362096

Ion Ratio Lower Upper

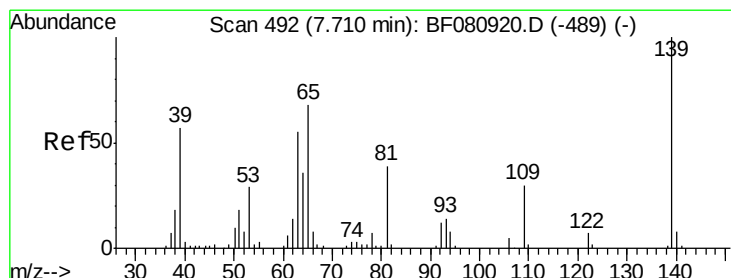
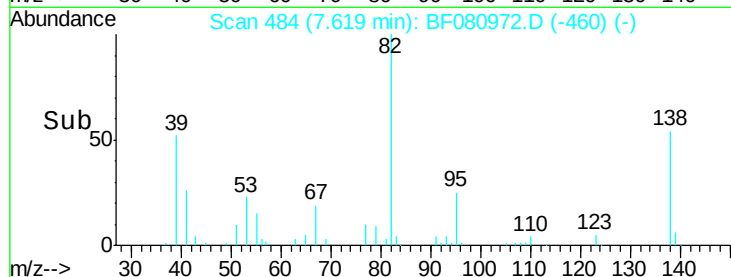
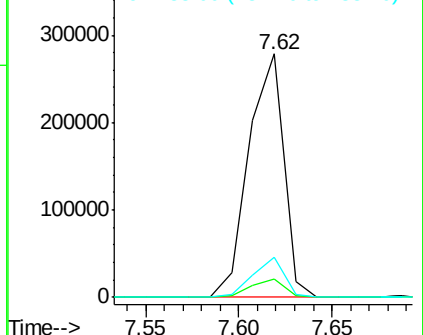
82 100

95 7.5 5.8 8.6

138 16.2 14.1 21.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 28.47 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

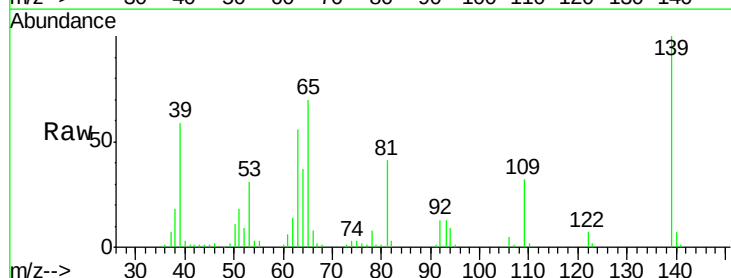
Tgt Ion: 139 Resp: 83272

Ion Ratio Lower Upper

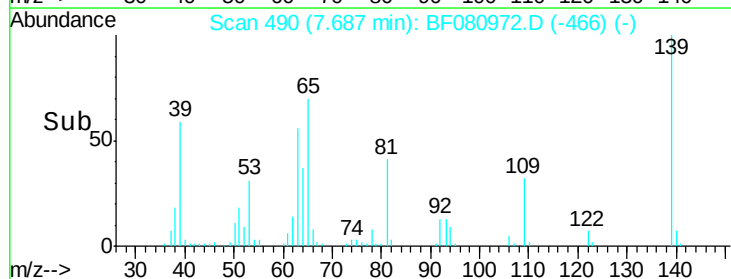
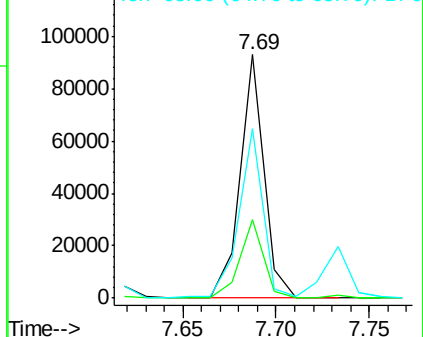
139 100

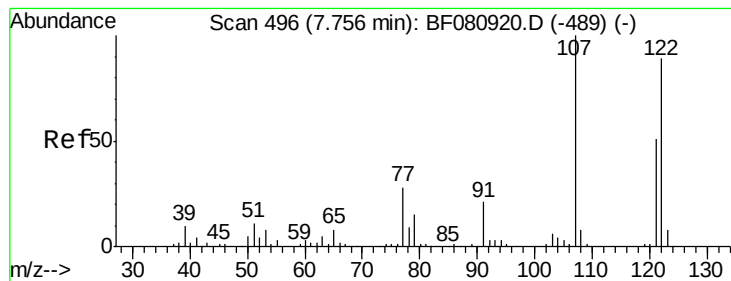
109 32.5 24.1 36.1

65 69.8 54.0 81.0



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

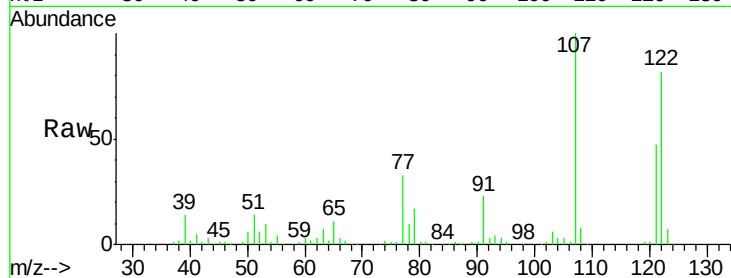




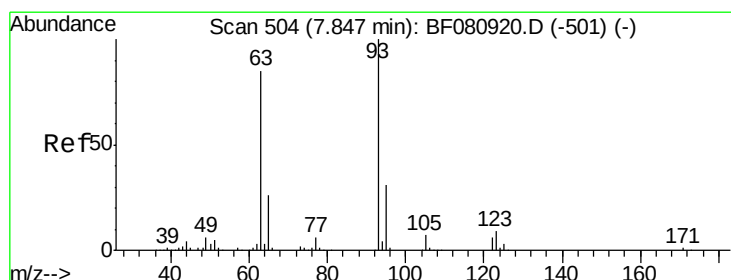
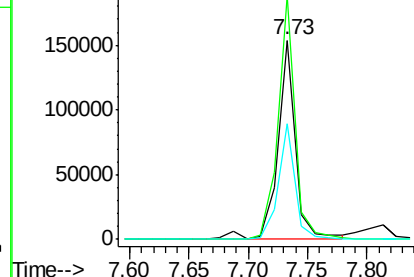
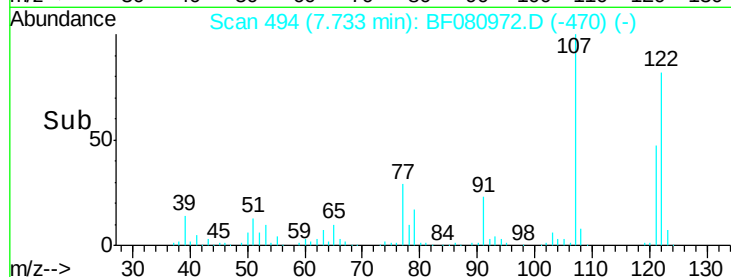
#27
 2,4-Dimethylphenol
 Concen: 29.29 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 160360
 Ion Ratio Lower Upper
 122 100
 107 122.3 90.2 135.4
 121 58.0 46.0 69.0

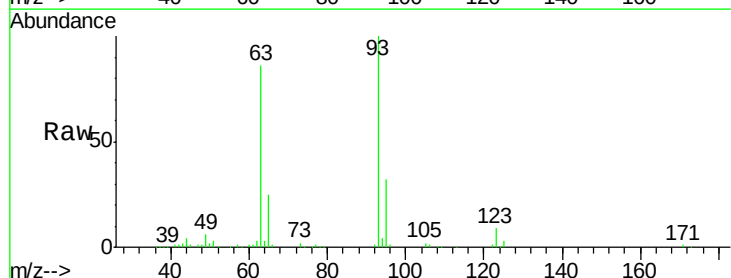


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

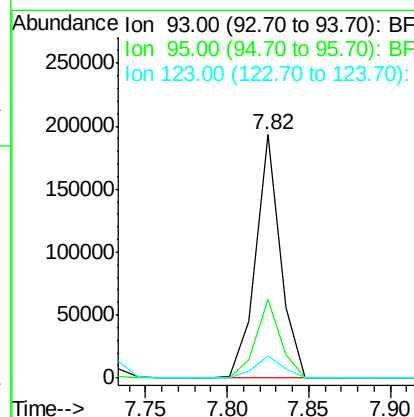
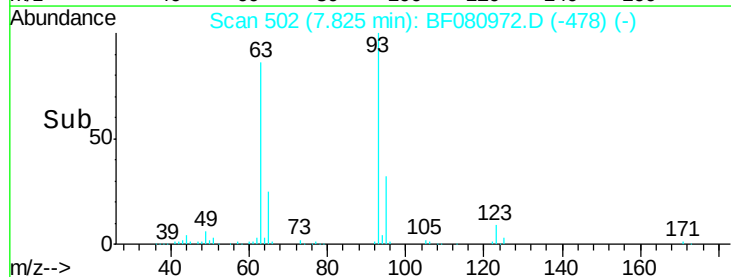


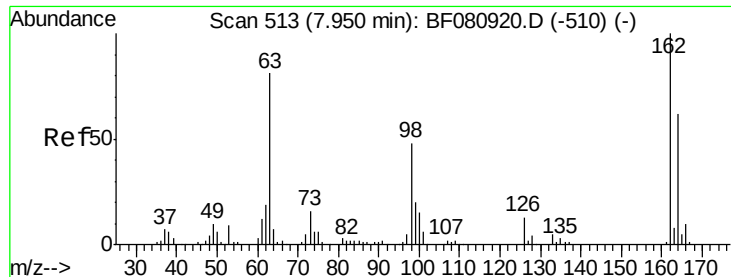
#28
 bis(2-Chloroethoxy)methane
 Concen: 26.08 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion: 93 Resp: 203266
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.0 37.4
 123 9.0 7.4 11.0



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

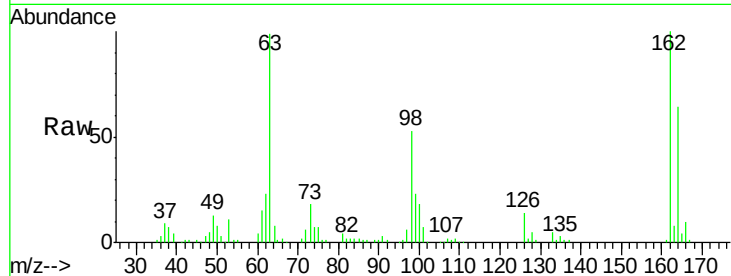




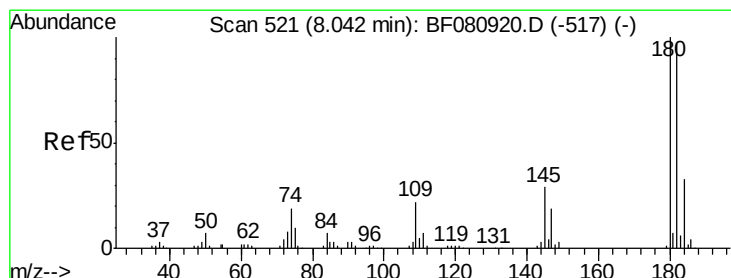
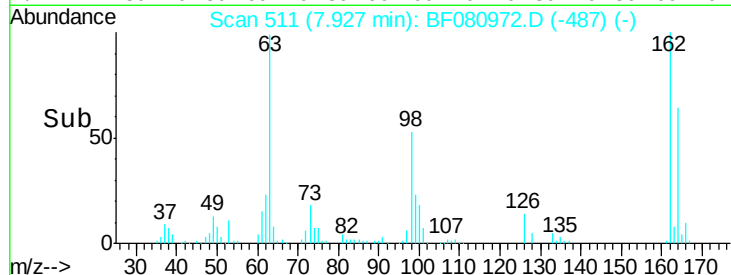
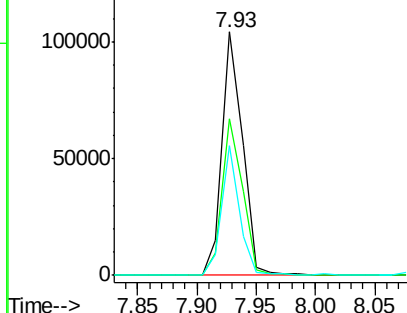
#29
 2,4-Dichlorophenol
 Concen: 27.71 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.3	82.3
98	53.3	27.7	67.7

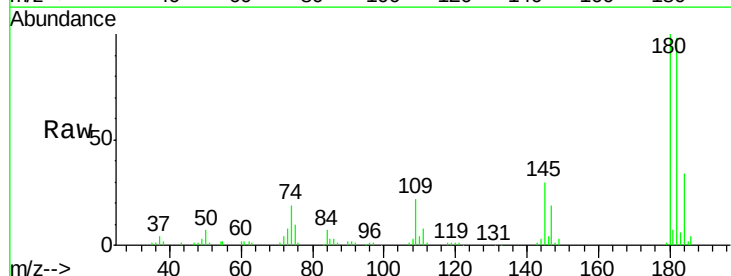


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

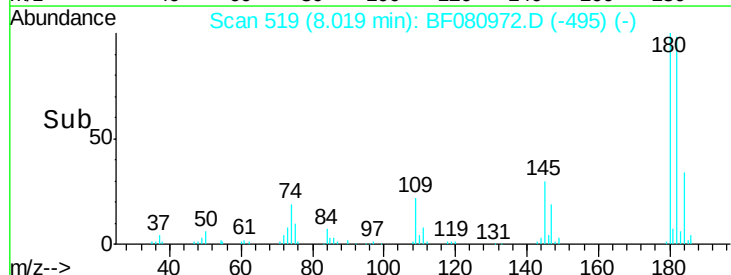
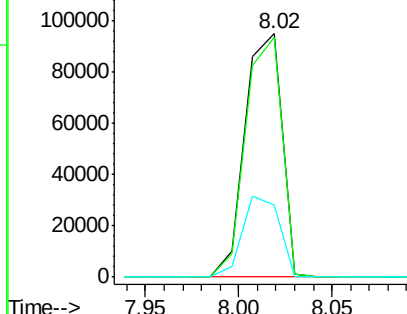


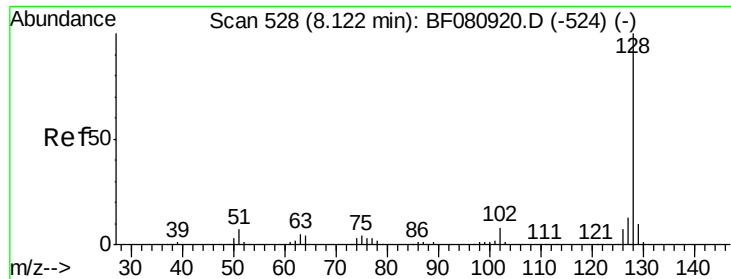
#30
 1,2,4-Trichlorobenzene
 Concen: 26.72 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.4	116.0
145	29.6	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

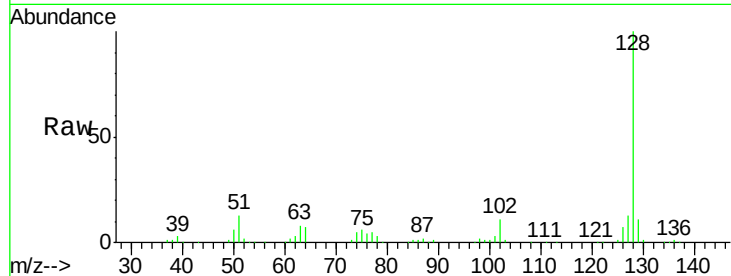




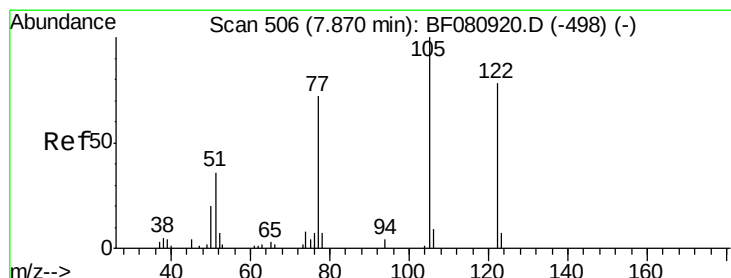
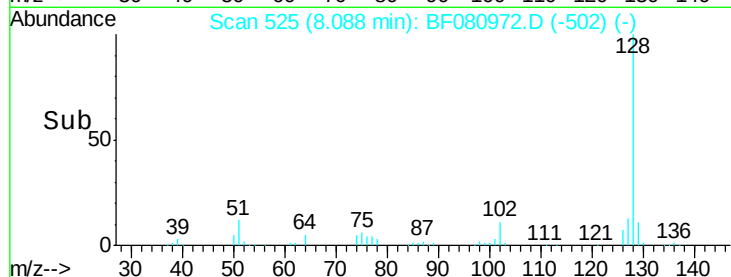
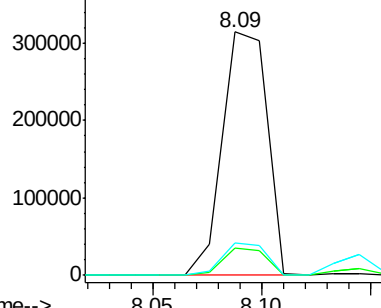
#31
Naphthalene
Concen: 25.72 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 452745
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.1 10.5 15.7

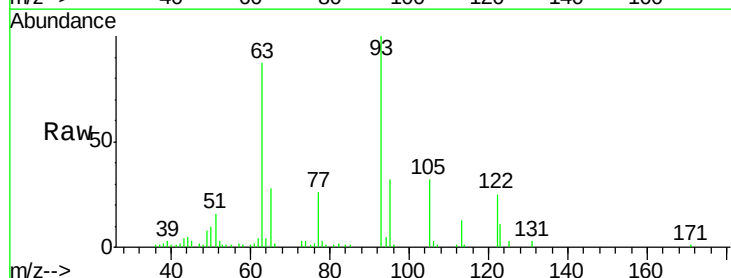


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

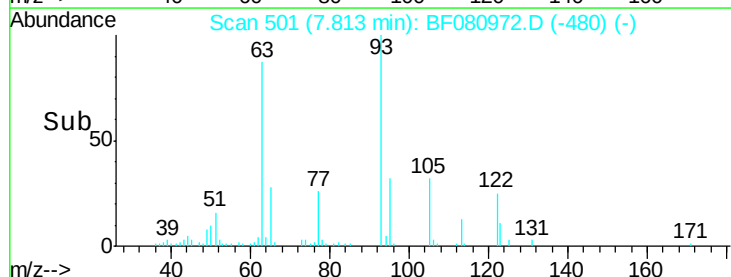
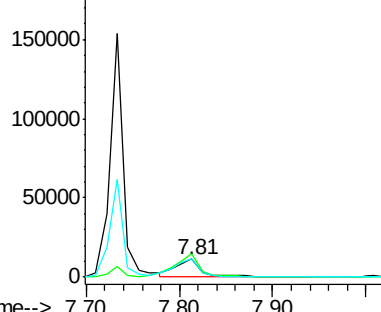


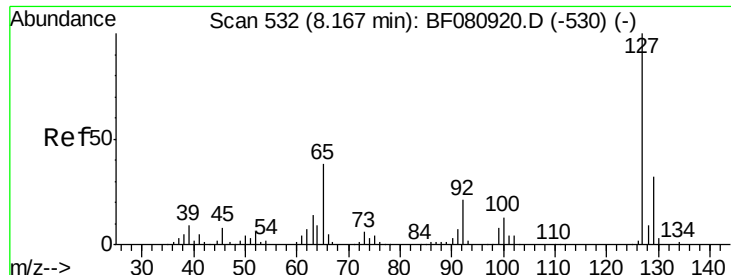
#32
Benzoic acid
Concen: 6.85 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:122 Resp: 22455
Ion Ratio Lower Upper
122 100
105 130.1 103.6 143.6
77 105.8 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

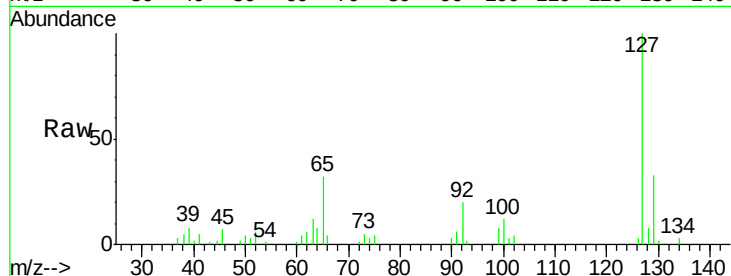




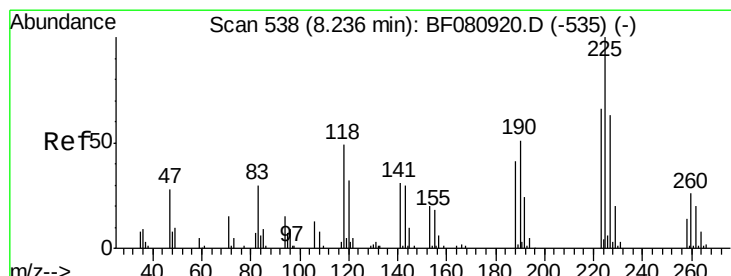
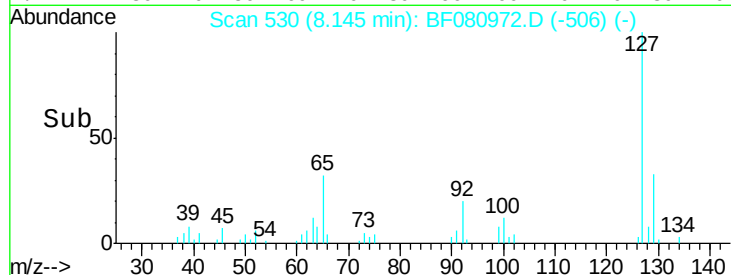
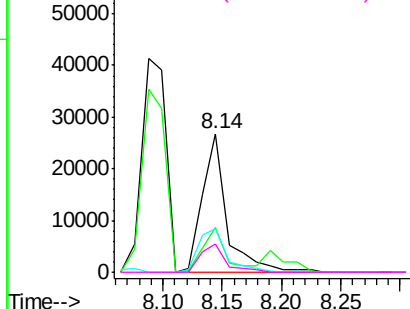
#33
4-Chloroaniline
Concen: 5.32 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 38043
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 31.5 30.6 45.8
92 20.1 16.9 25.3

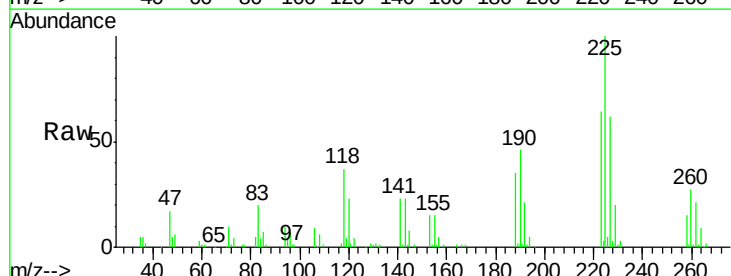


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

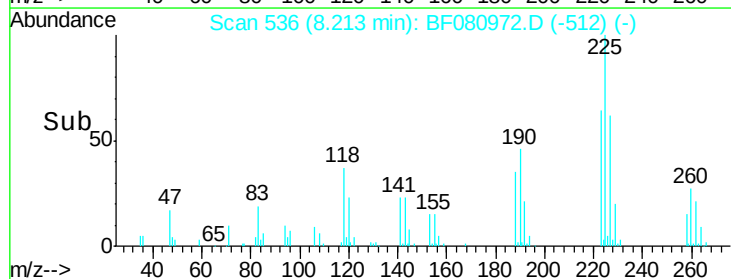
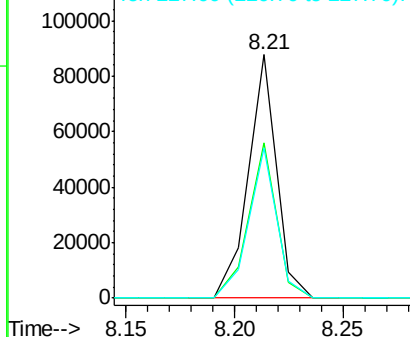


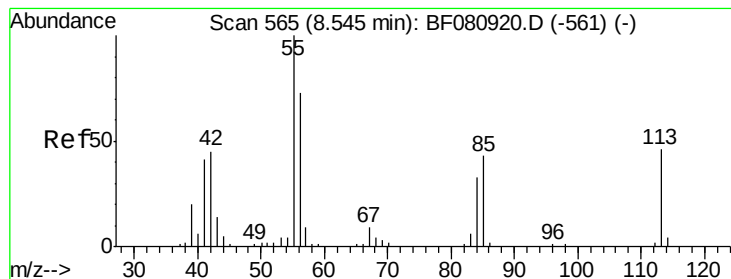
#34
Hexachlorobutadiene
Concen: 27.07 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:225 Resp: 79220
Ion Ratio Lower Upper
225 100
223 63.9 52.5 78.7
227 61.8 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: 16.19 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampled :

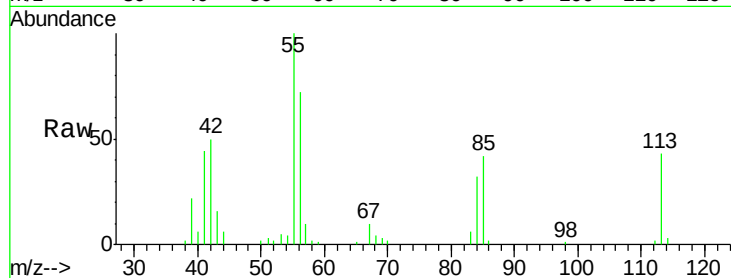
Tot Ion:113 Resp: 26201

Ion Ratio Lower Upper

113 100

55 232.2 196.4 236.4

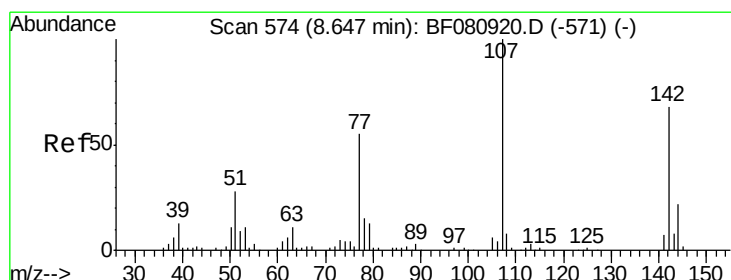
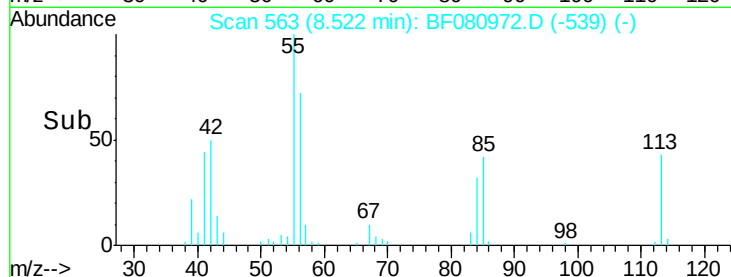
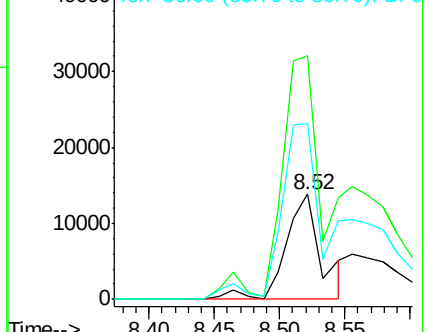
56 168.1 137.9 177.9



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: 28.79 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

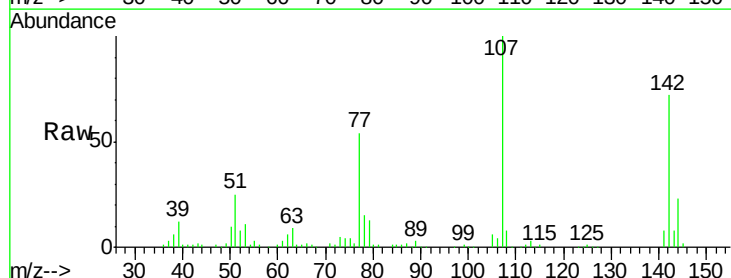
Tgt Ion:107 Resp: 158100

Ion Ratio Lower Upper

107 100

144 22.7 17.3 25.9

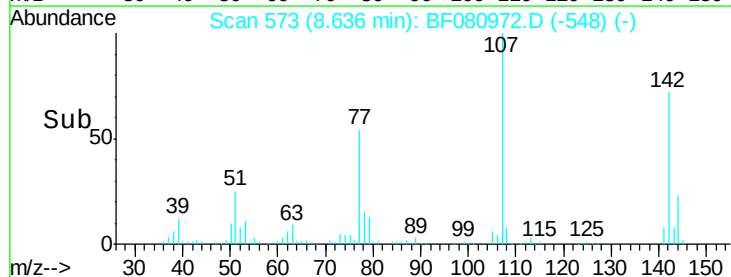
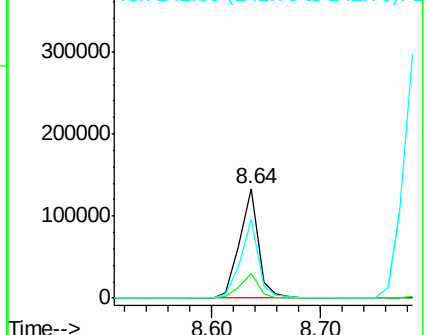
142 71.6 54.4 81.6

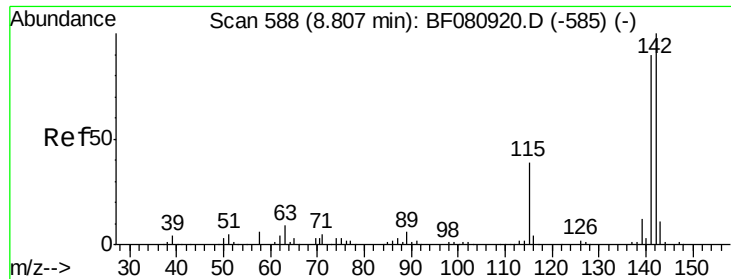


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

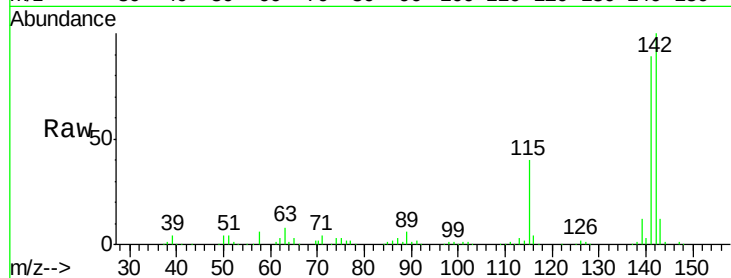




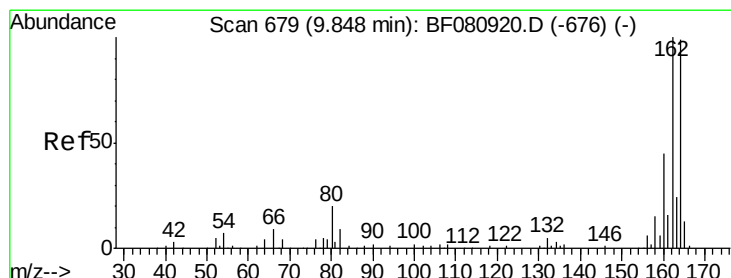
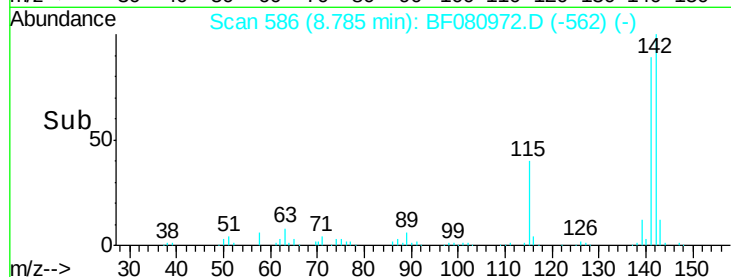
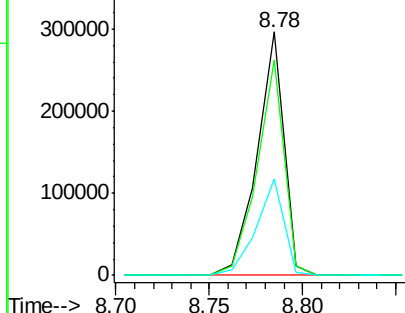
#37
2-Methylnaphthalene
Concen: 26.28 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.7	107.5
115	39.8	30.9	46.3

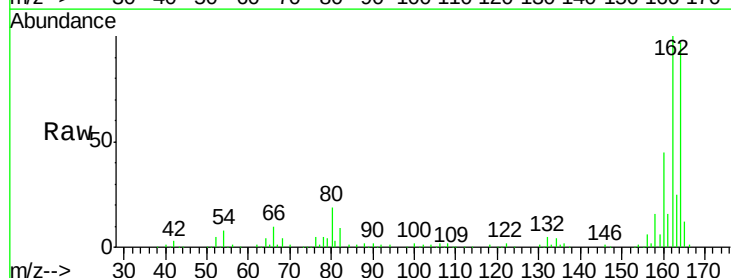


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

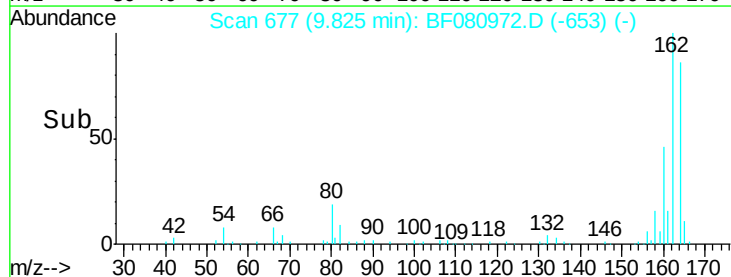
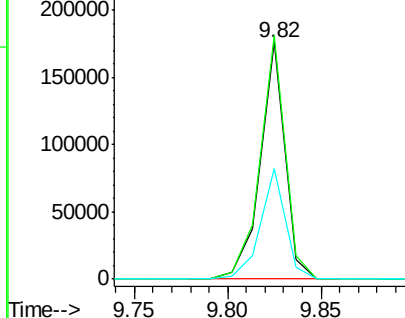


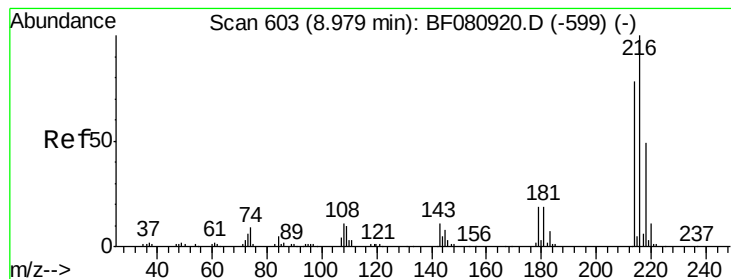
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.5	120.7
160	46.4	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: 31.34 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080972.D

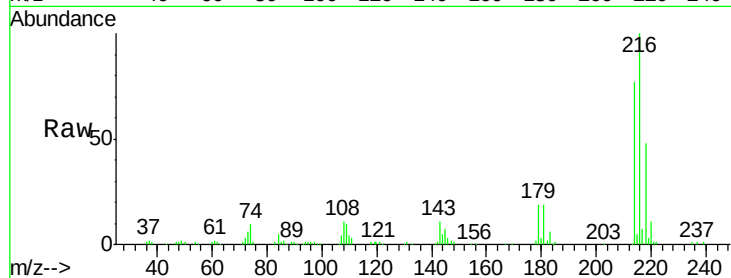
Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	154475
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.0 94.4
179	21.8	17.2 25.8
108	22.2	16.1 24.1

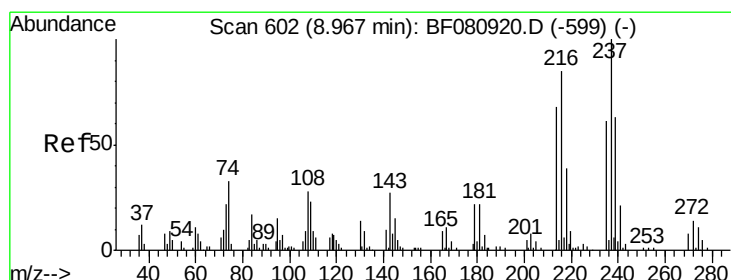
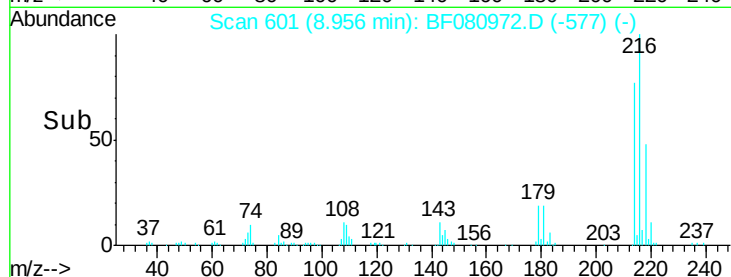
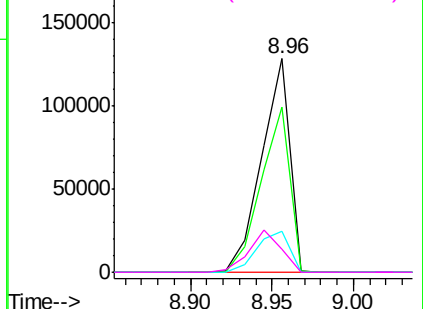


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.10 ng

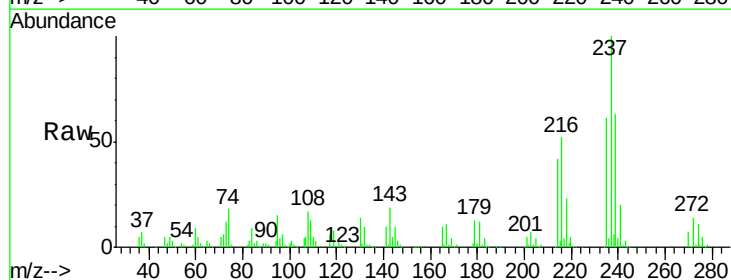
RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

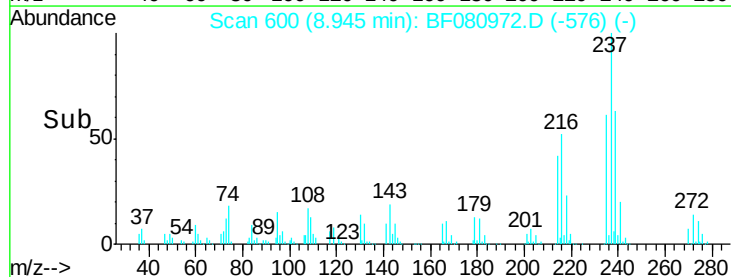
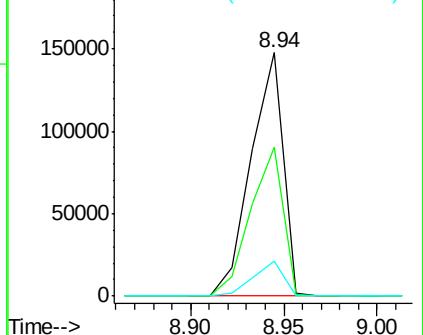
Tgt Ion:237	Resp:	175114
Ion Ratio	Lower	Upper
237	100	
235	61.3	41.3 81.3
272	14.1	0.0 33.6

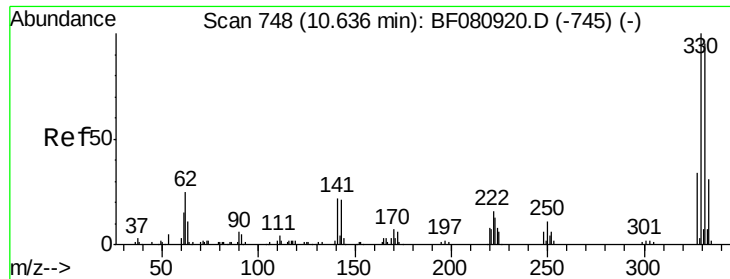


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

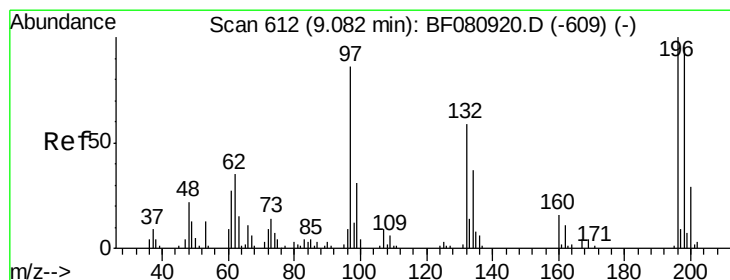
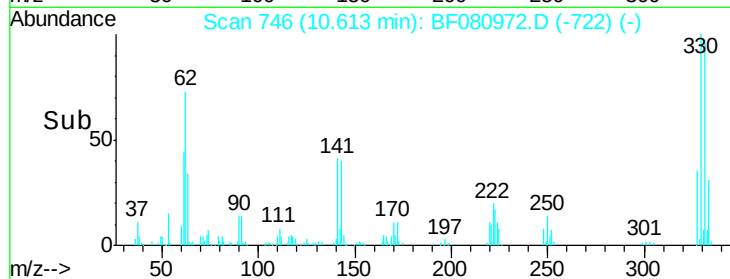
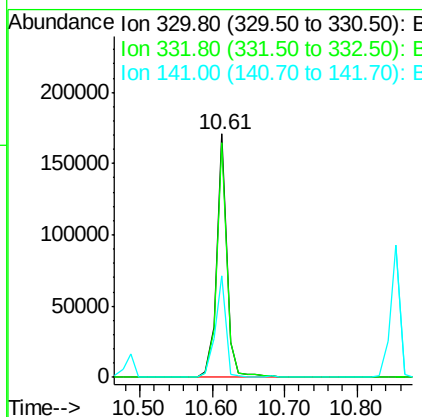
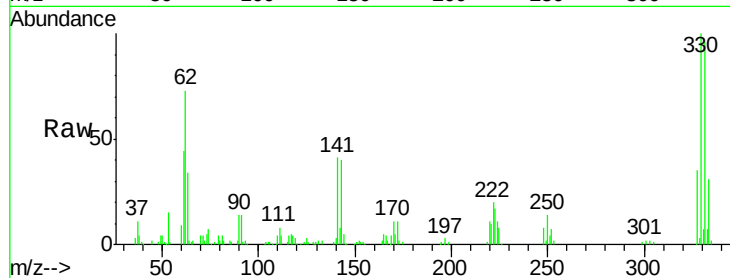




#41
 2,4,6-Tribromophenol
 Concen: 96.11 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

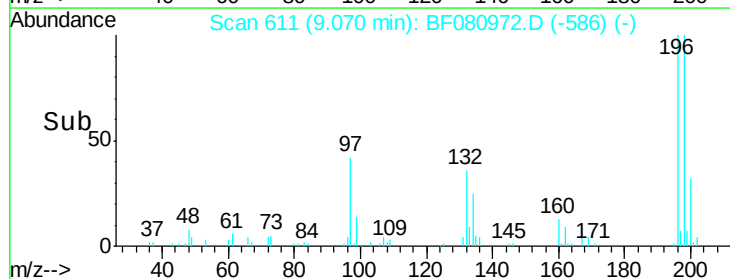
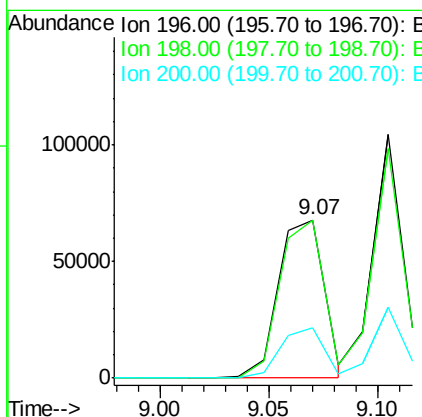
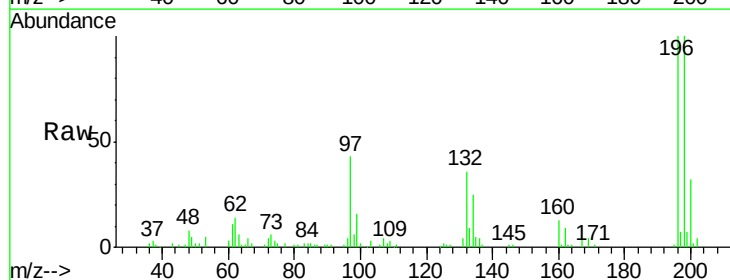
Instrument :
 BNA_F
 ClientSampleId :

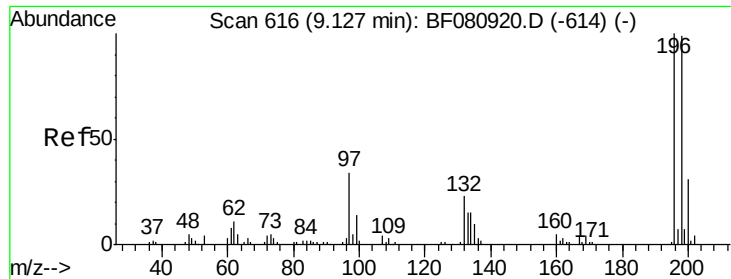
Tot Ion:330 Resp: 168830
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 43.5 27.8 41.8#



#42
 2,4,6-Trichlorophenol
 Concen: 27.43 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion:196 Resp: 99099
 Ion Ratio Lower Upper
 196 100
 198 100.0 75.9 113.9
 200 31.5 23.1 34.7

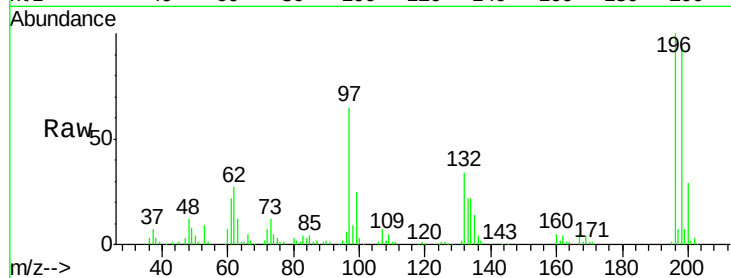




#43
 2,4,5-Trichlorophenol
 Concen: 29.48 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	78.9	118.3
97	65.3	29.1	43.7#
132	34.3	19.1	28.7#



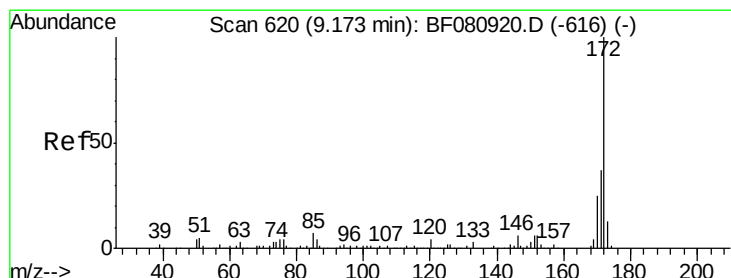
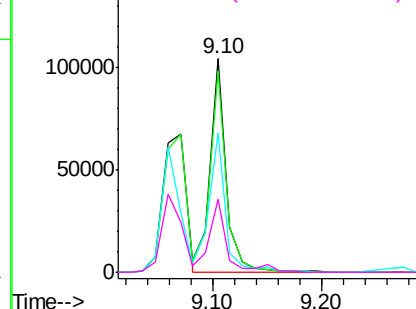
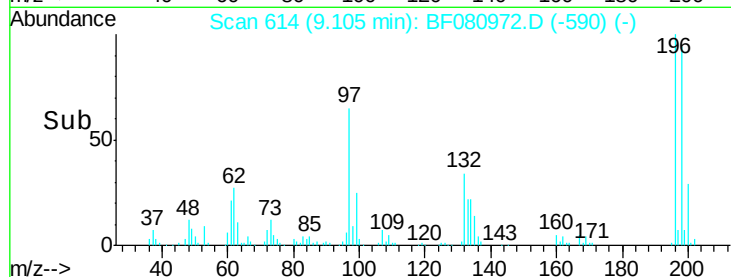
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

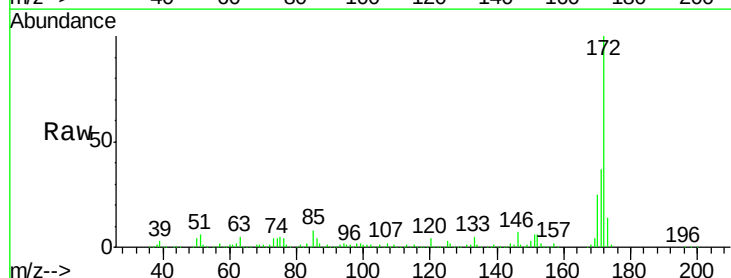
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.24 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.9	19.7	29.5

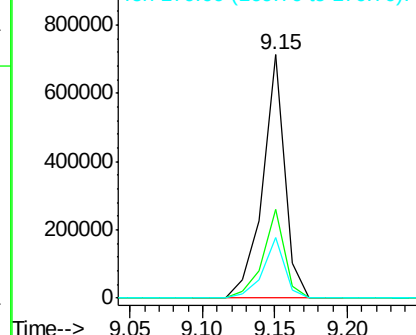
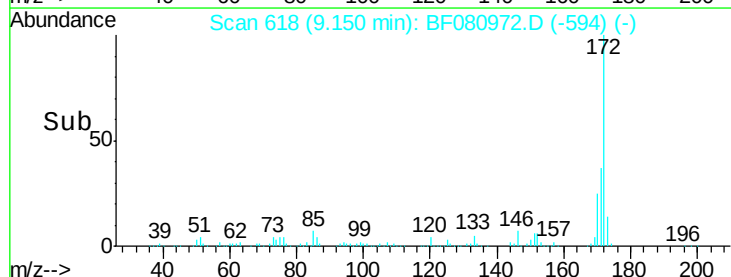


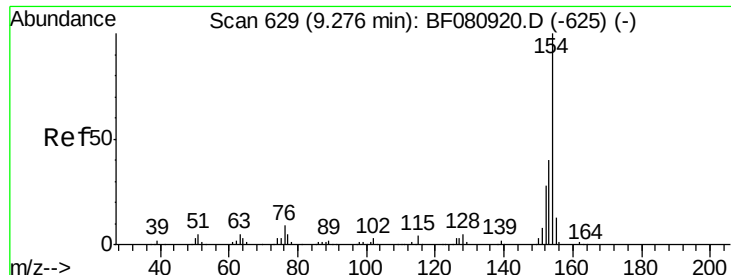
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.25 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

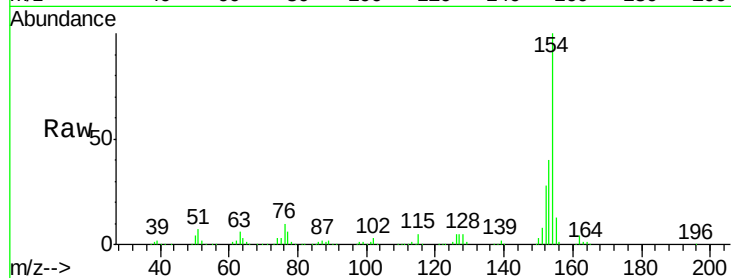
Tot Ion:154 Resp: 538675

Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

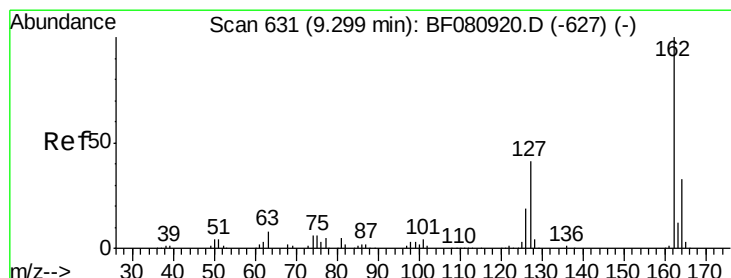
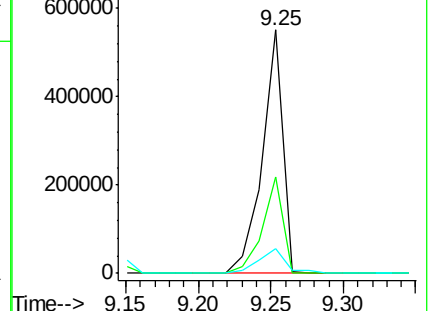
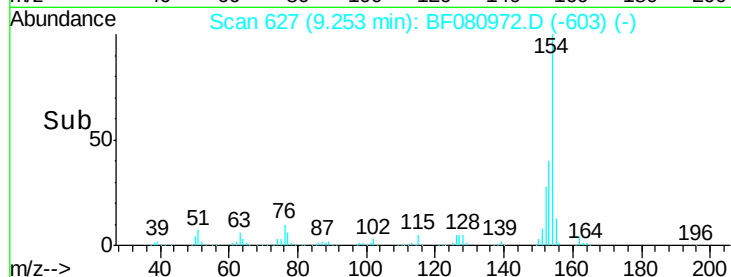
76 10.4 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 28.88 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

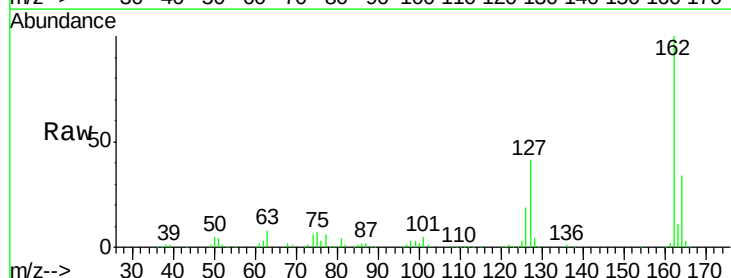
Tgt Ion:162 Resp: 309033

Ion Ratio Lower Upper

162 100

127 40.9 32.5 48.7

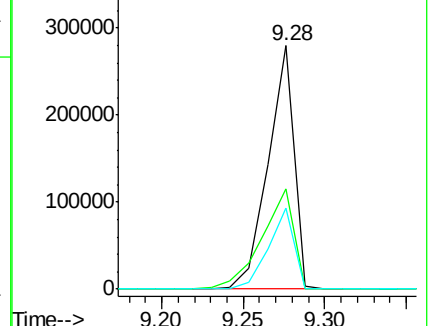
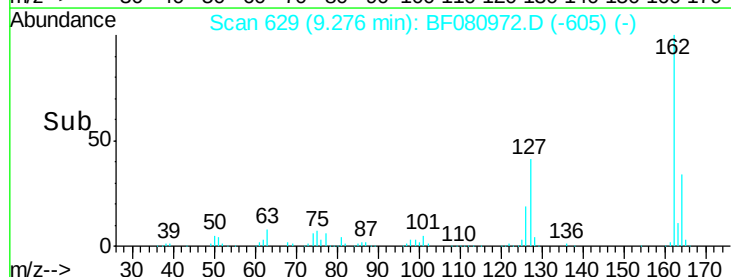
164 33.5 26.2 39.4

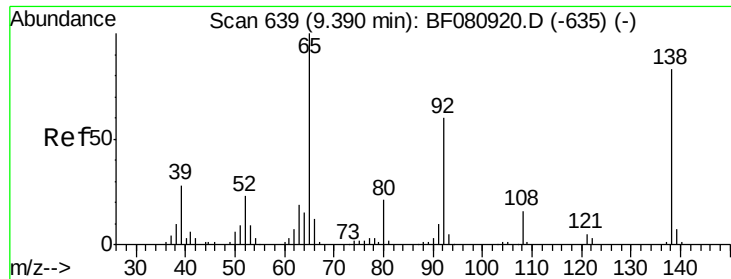


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

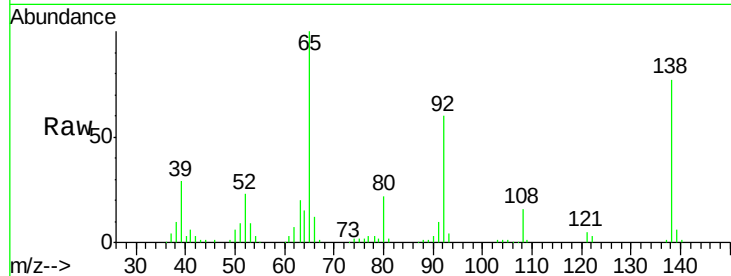




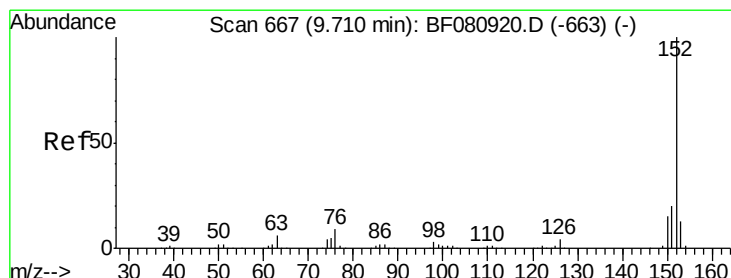
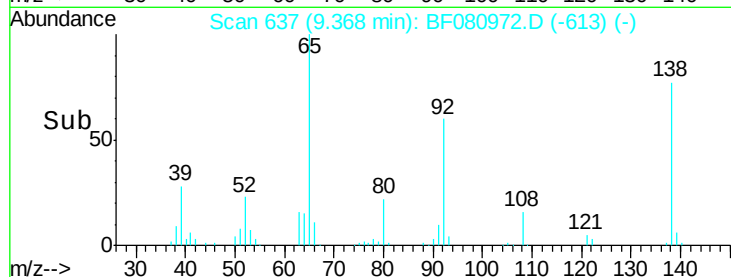
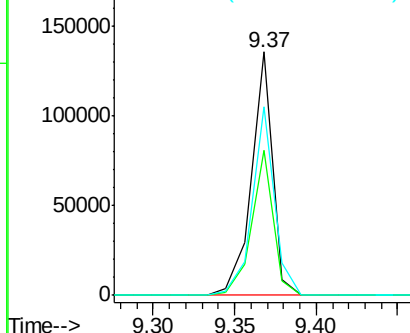
#47
2-Nitroaniline
Concen: 28.56 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 122504
Ion Ratio Lower Upper
65 100
92 59.7 48.0 72.0
138 77.2 66.1 99.1

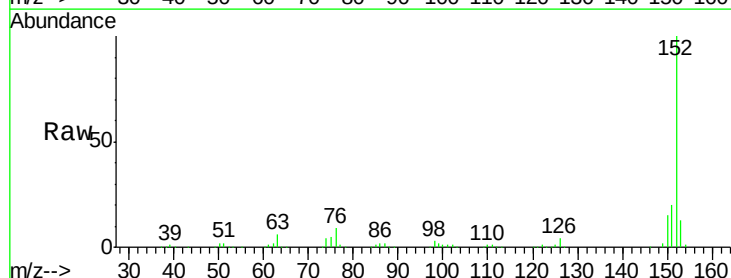


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

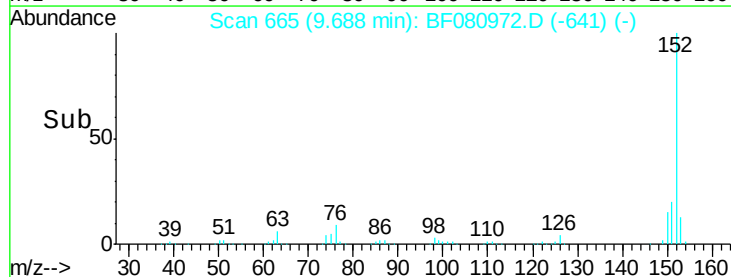
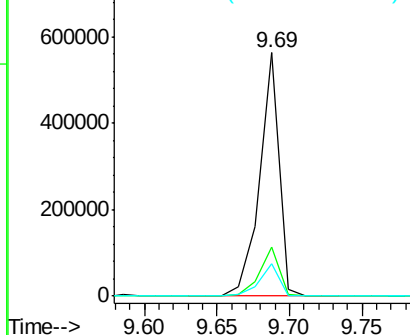


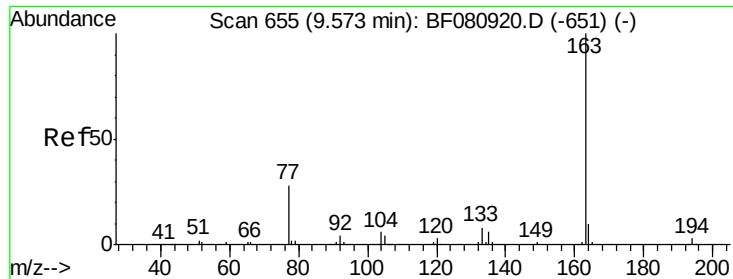
#48
Acenaphthylene
Concen: 28.17 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion: 152 Resp: 523927
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.3 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

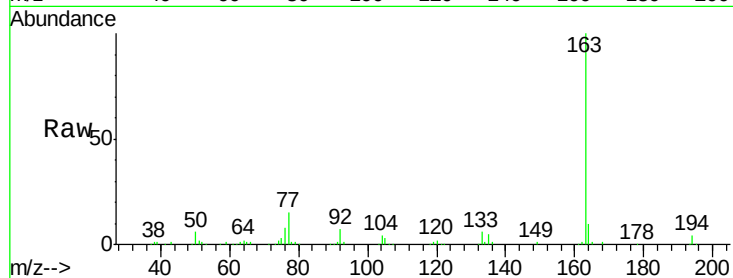




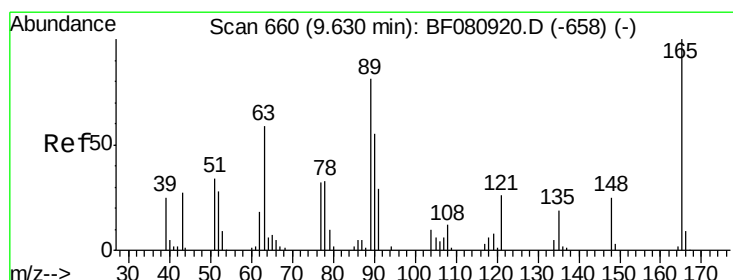
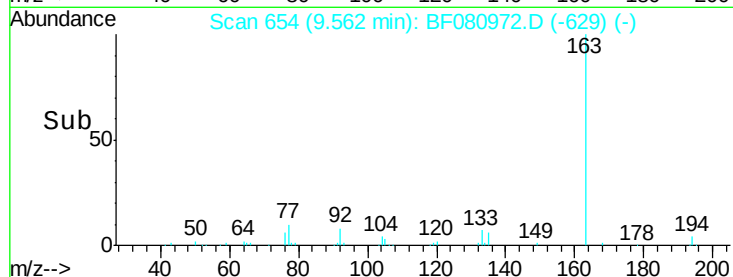
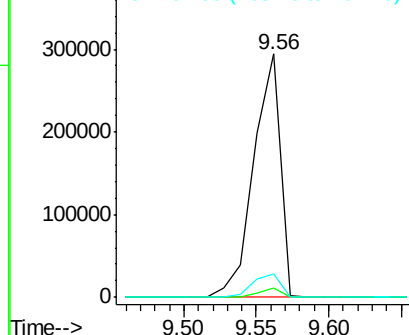
#49
Dimethylphthalate
Concen: 28.17 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 374208
Ion Ratio Lower Upper
163 100
194 3.8 2.4 3.6#
164 9.6 8.2 12.4

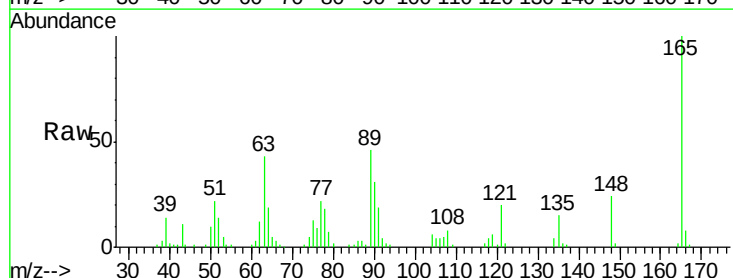


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

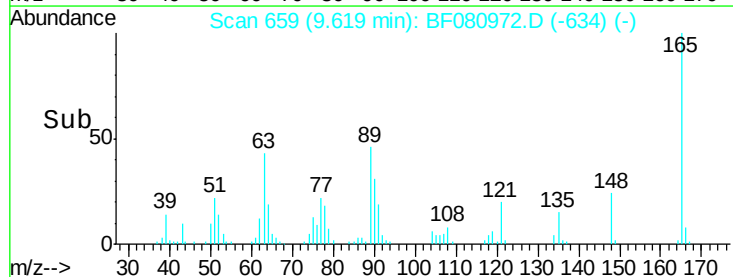
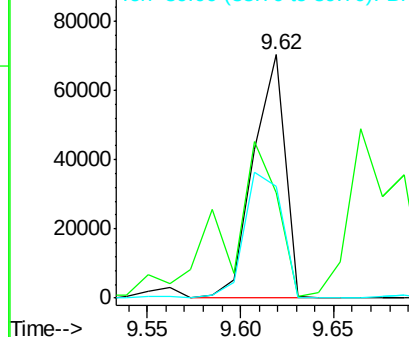


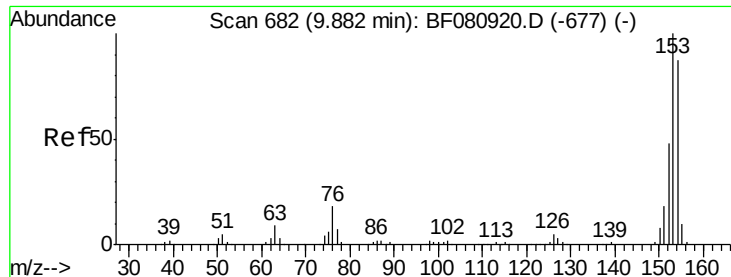
#50
2,6-Dinitrotoluene
Concen: 29.98 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:165 Resp: 82280
Ion Ratio Lower Upper
165 100
63 43.5 77.6 116.4#
89 45.8 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

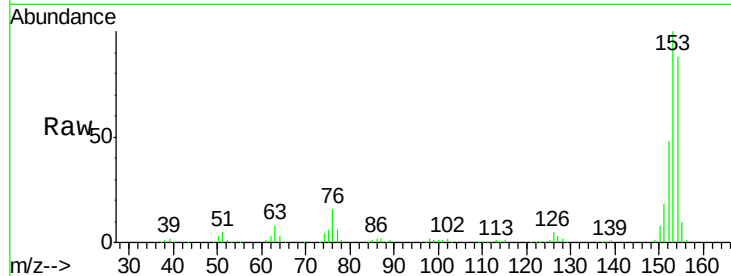




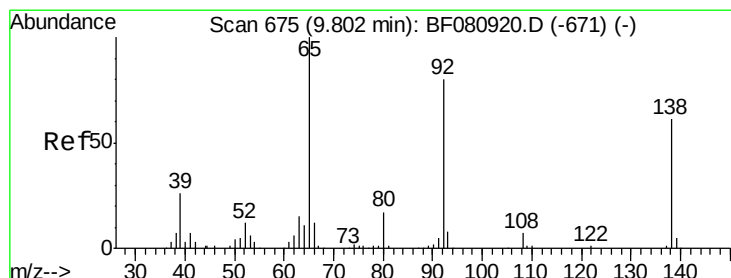
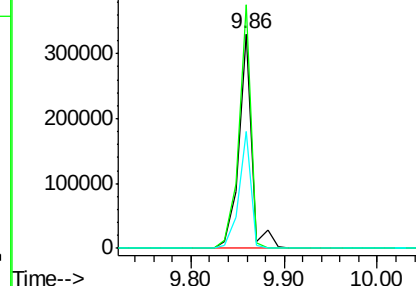
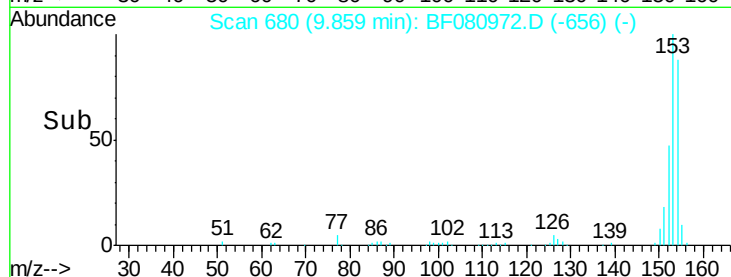
#51
Acenaphthene
Concen: 28.64 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 326241
Ion Ratio Lower Upper
154 100
153 113.4 91.4 137.2
152 54.5 44.2 66.4

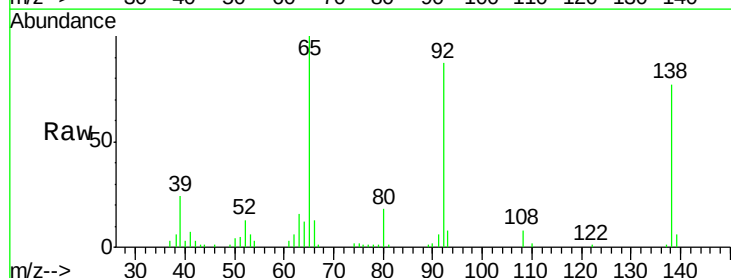


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

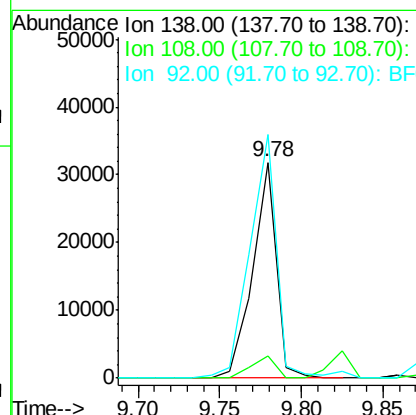
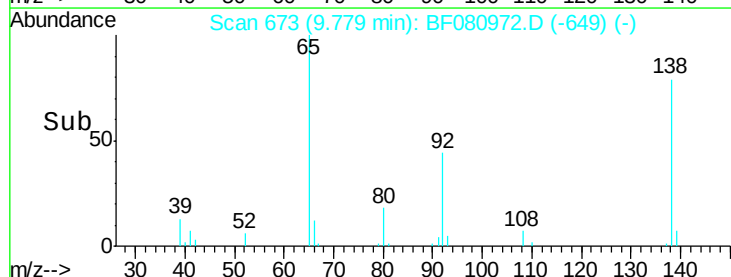


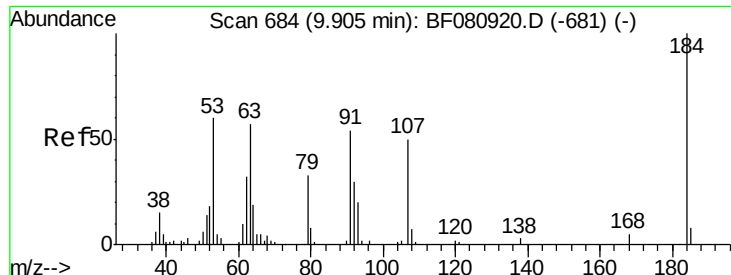
#52
3-Nitroaniline
Concen: 9.50 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:138 Resp: 32148
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 112.7 104.4 156.6



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

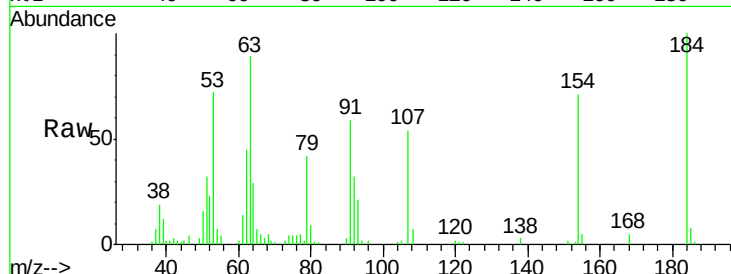




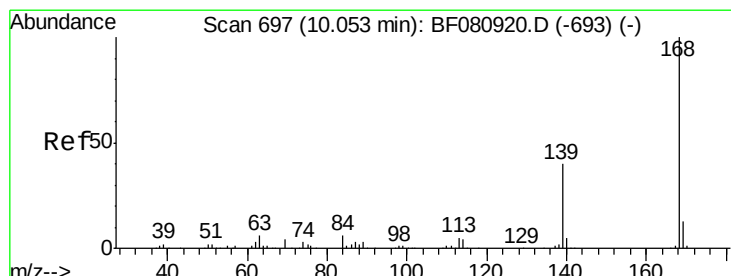
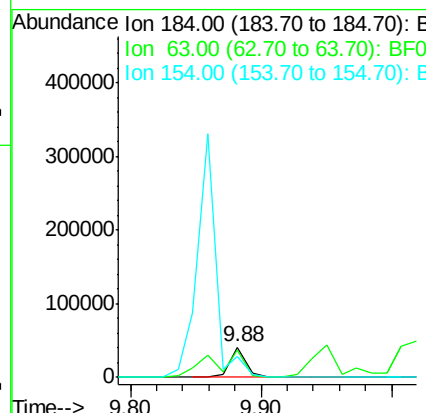
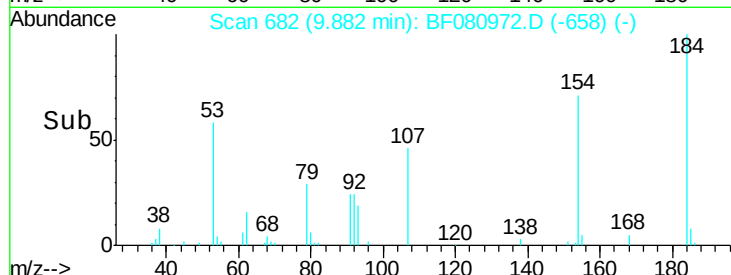
#53
2,4-Dinitrophenol
Concen: 26.20 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 36228
Ion Ratio Lower Upper
184 100
63 89.2 59.7 89.5
154 70.7 53.8 80.8

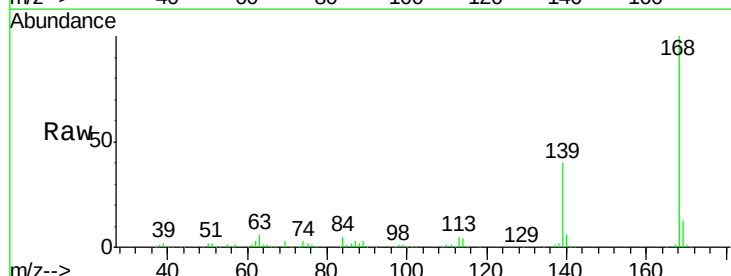


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

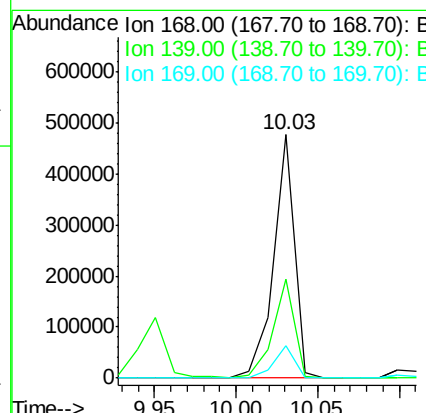
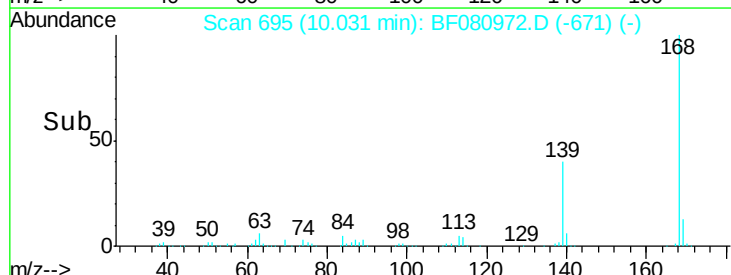


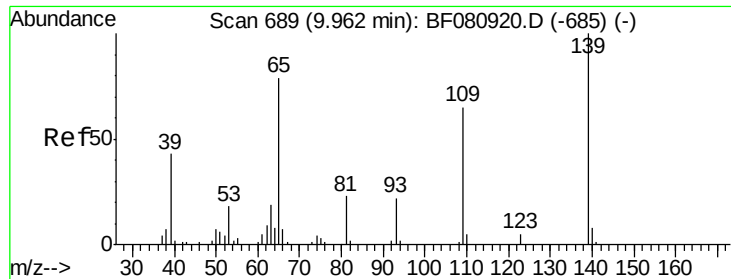
#54
Dibenzofuran
Concen: 27.74 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:168 Resp: 427273
Ion Ratio Lower Upper
168 100
139 40.4 31.9 47.9
169 13.2 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

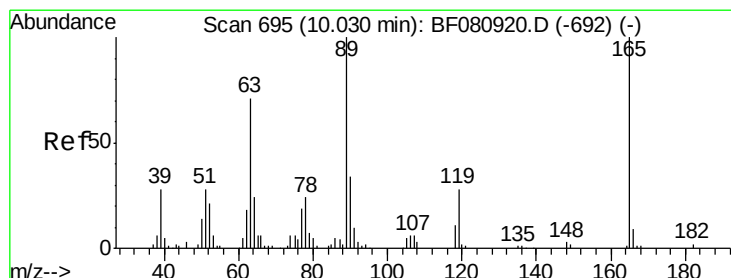
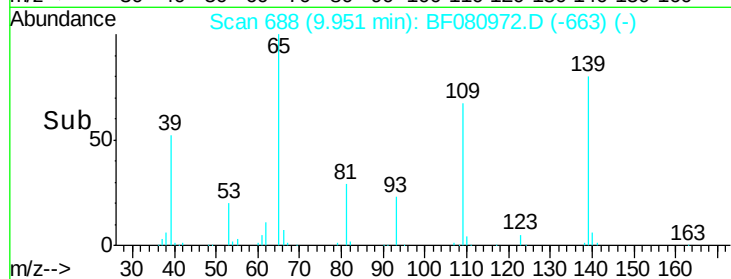
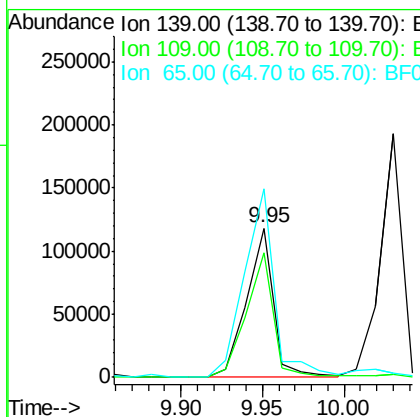
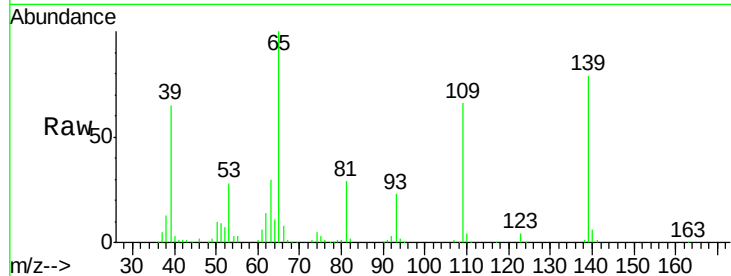




#55
4-Nitrophenol
Concen: 53.92 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

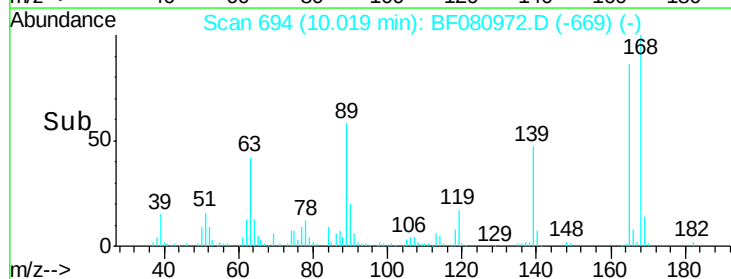
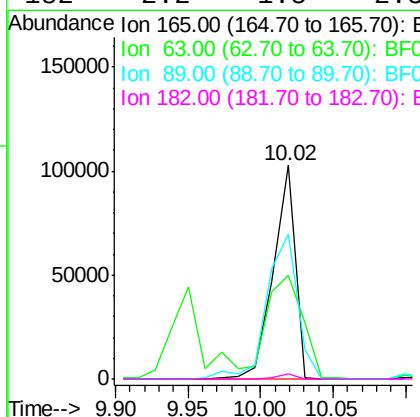
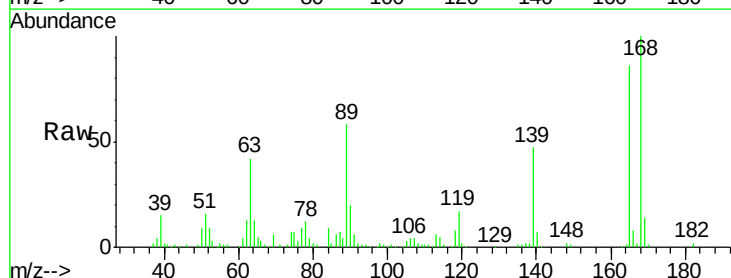
Instrument :
BNA_F
ClientSampleId :

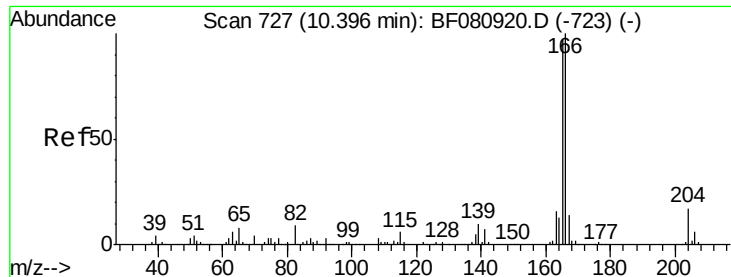
Tot Ion	Ratio	Lower	Upper
139	100		
109	83.1	44.7	84.7
65	126.5	59.5	99.5



#56
2,4-Dinitrotoluene
Concen: 29.49 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.6	56.7	85.1
89	67.6	80.4	120.6
182	2.2	1.5	2.3

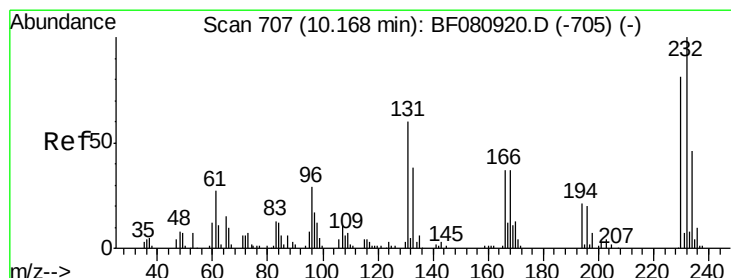
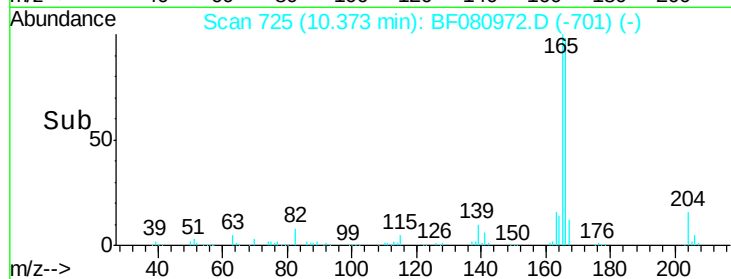
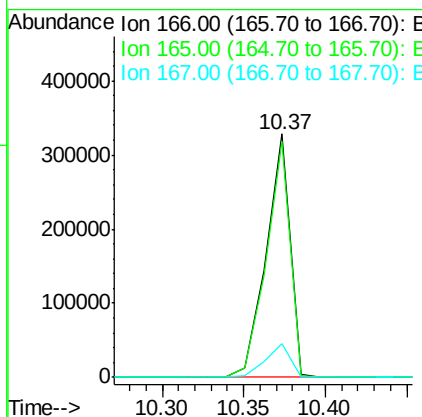
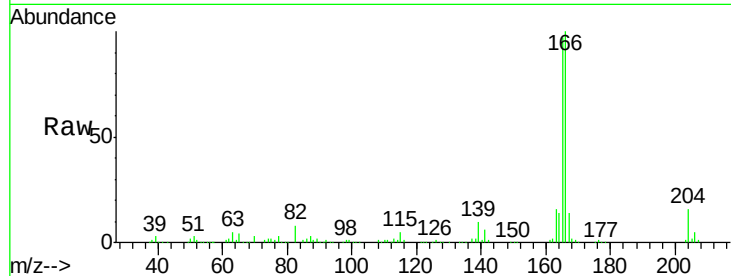




#57
 Fluorene
 Concen: 28.12 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

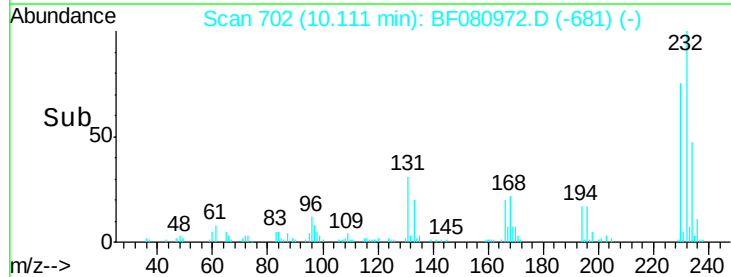
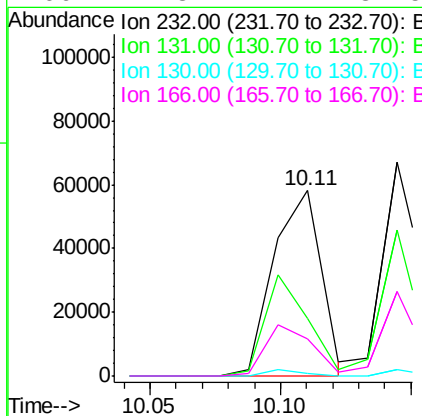
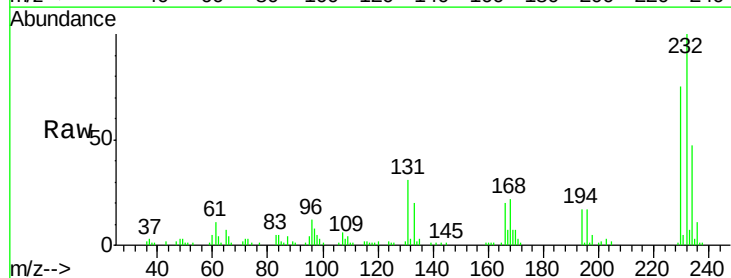
Instrument :
 BNA_F
 ClientSampleId :

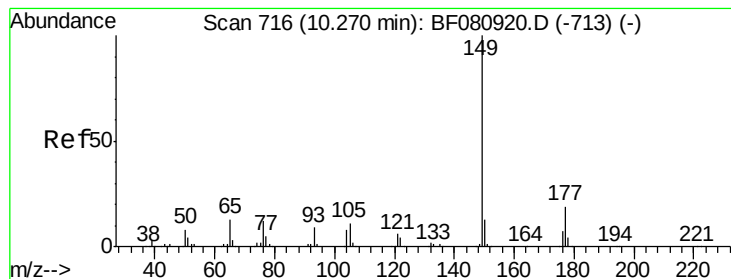
Tot Ion:166 Resp: 335062
 Ion Ratio Lower Upper
 166 100
 165 96.8 77.2 115.8
 167 13.6 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.66 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.06 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion:232 Resp: 73926
 Ion Ratio Lower Upper
 232 100
 131 49.6 39.4 59.2
 130 2.8 2.1 3.1
 166 27.3 21.7 32.5





#59

Diethylphthalate

Concen: 28.44 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampled :

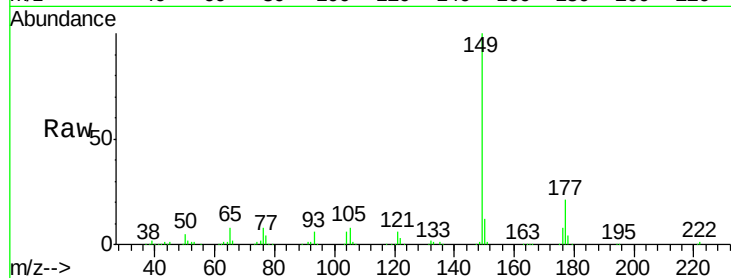
Tot Ion:149 Resp: 393243

Ion Ratio Lower Upper

149 100

177 21.1 15.0 22.4

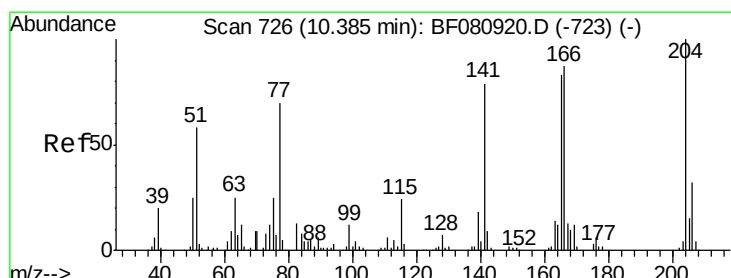
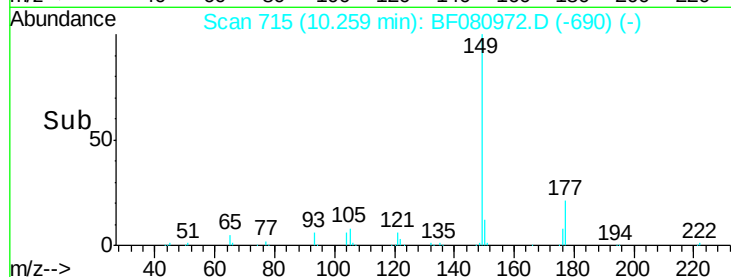
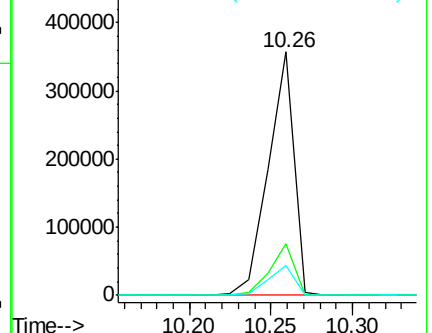
150 12.1 10.4 15.6



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: 23.05 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

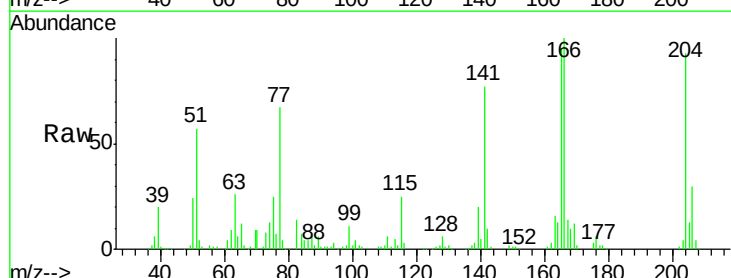
Tgt Ion:204 Resp: 133816

Ion Ratio Lower Upper

204 100

206 32.6 25.5 38.3

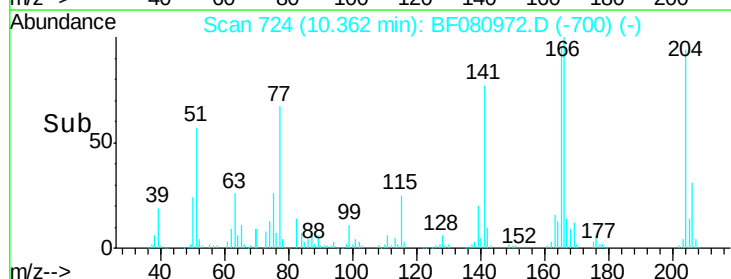
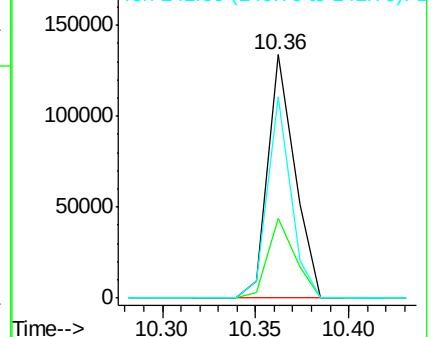
141 82.5 63.4 95.0

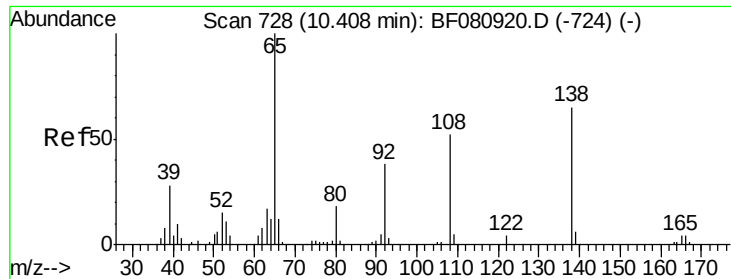


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

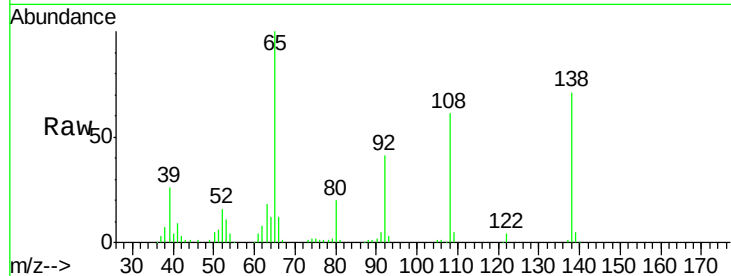




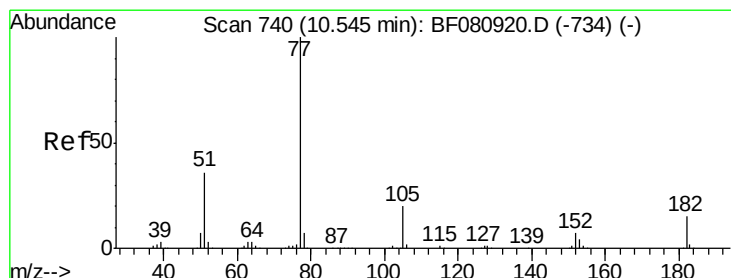
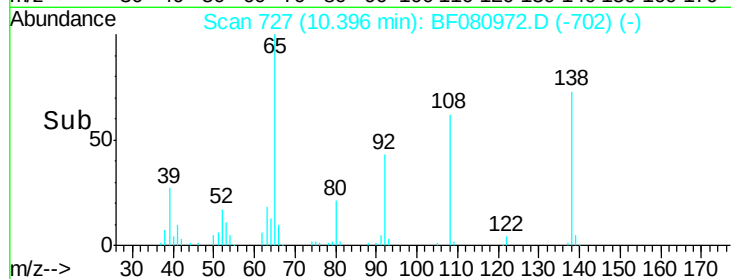
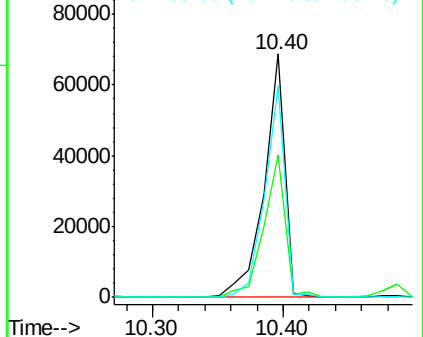
#61
4-Nitroaniline
Concen: 21.90 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 76248
Ion Ratio Lower Upper
138 100
92 58.4 38.1 78.1
108 87.0 59.9 99.9

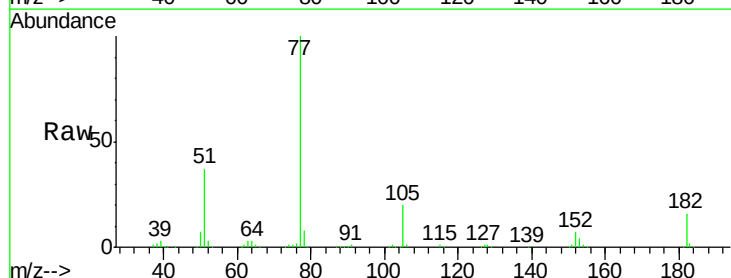


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

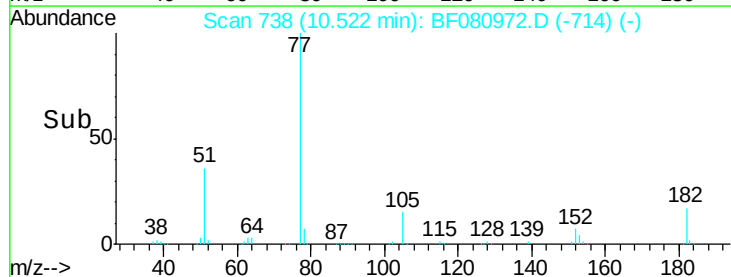
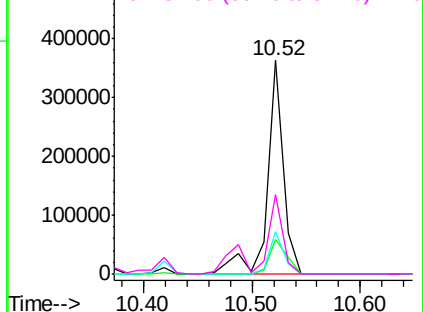


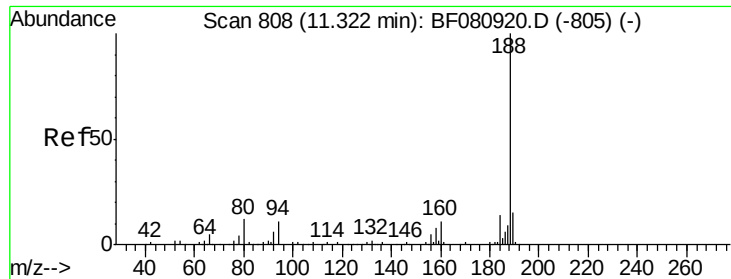
#62
Azobenzene
Concen: 24.30 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion: 77 Resp: 375702
Ion Ratio Lower Upper
77 100
182 16.4 0.0 35.5
105 19.9 0.5 40.5
51 37.5 15.6 55.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :
BNA_F
ClientSampleId :

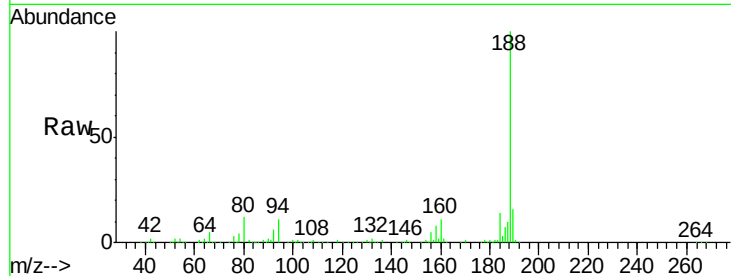
Tot Ion:188 Resp: 317756

Ion Ratio Lower Upper

188 100

94 10.8 8.8 13.2

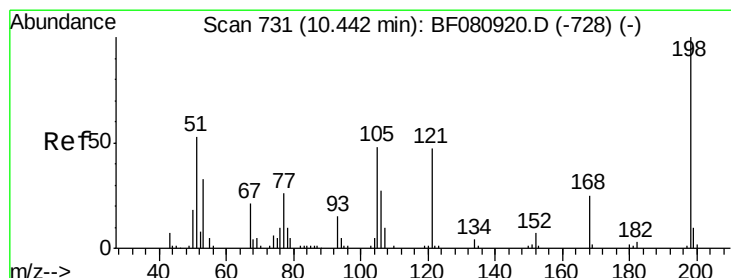
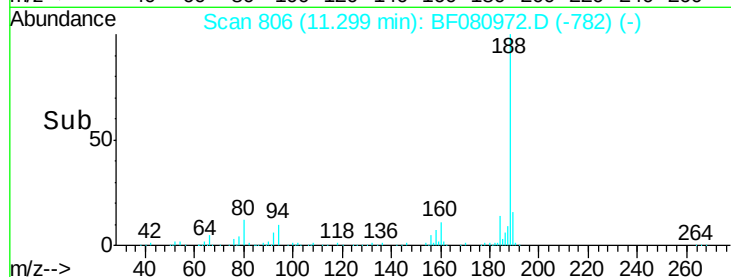
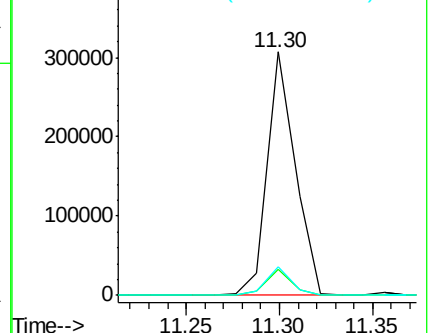
80 11.5 9.5 14.3



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: 14.76 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

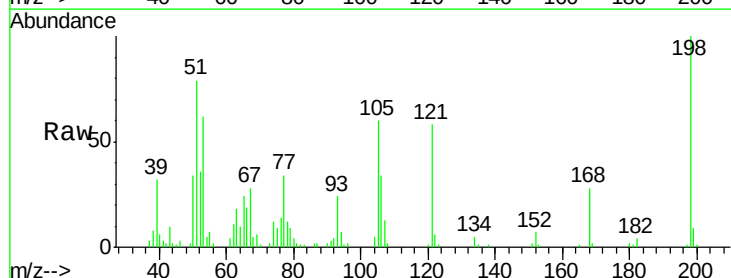
Tgt Ion:198 Resp: 29059

Ion Ratio Lower Upper

198 100

51 79.0 40.3 80.3

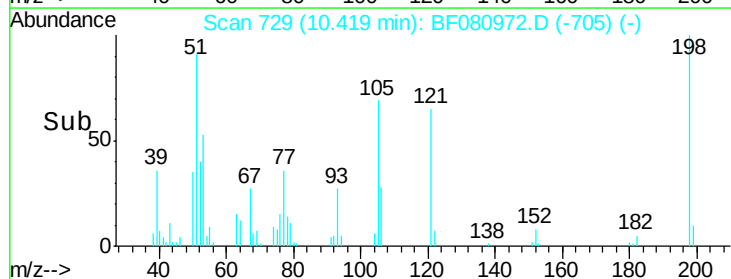
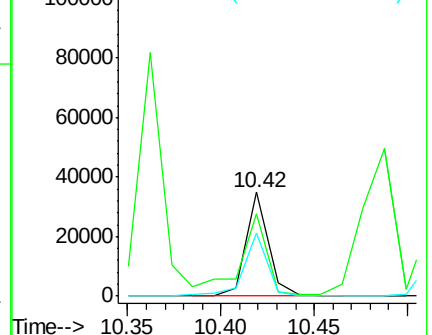
105 60.3 29.6 69.6

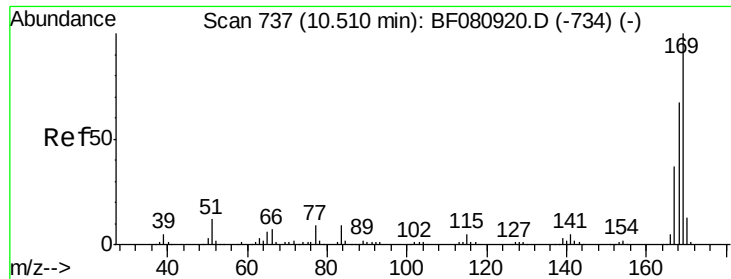


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

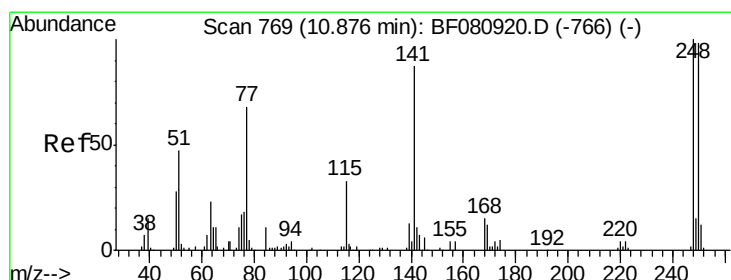
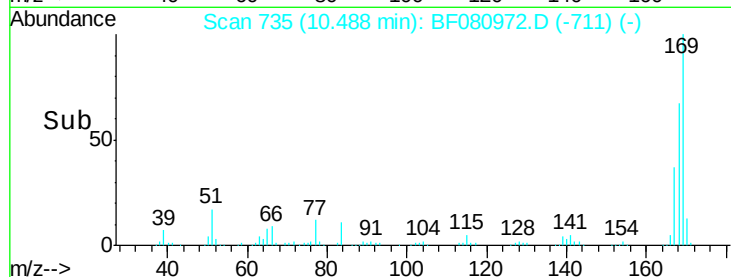
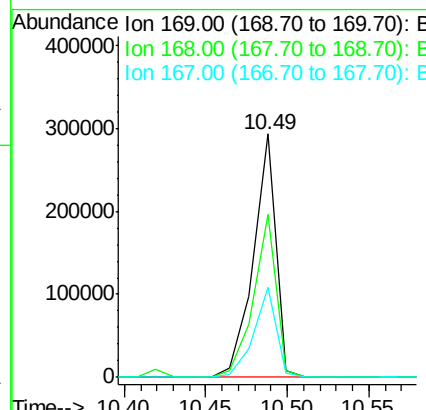
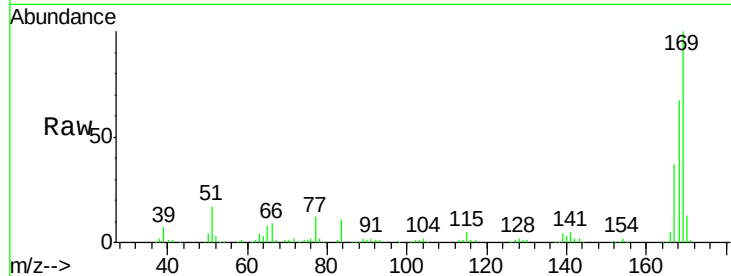




#65
 n-Nitrosodiphenylamine
 Concen: 25.55 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

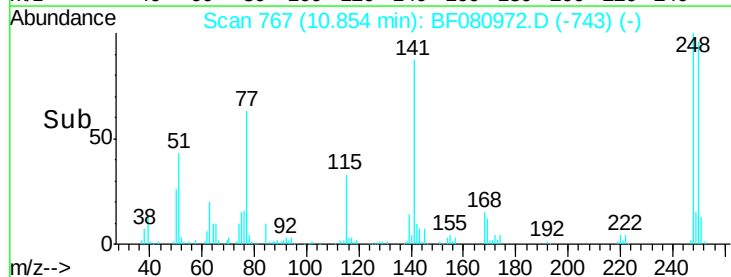
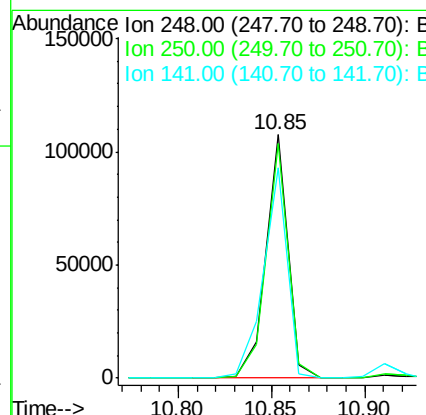
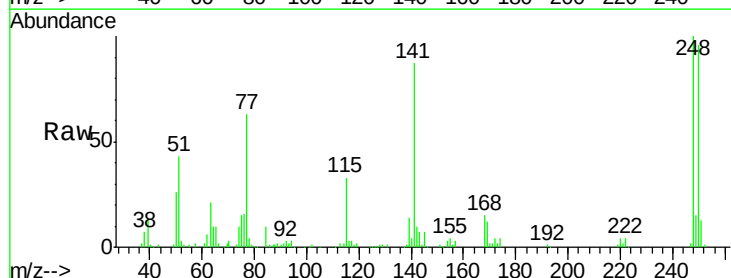
Instrument :
 BNA_F
 ClientSampleId :

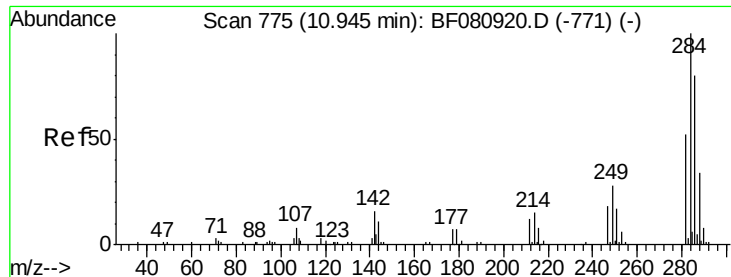
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.7	80.5
167	37.1	29.3	43.9



#66
 4-Bromophenyl-phenylether
 Concen: 26.67 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.1	117.1
141	86.6	69.6	104.4





#67

Hexachlorobenzene

Concen: 28.59 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

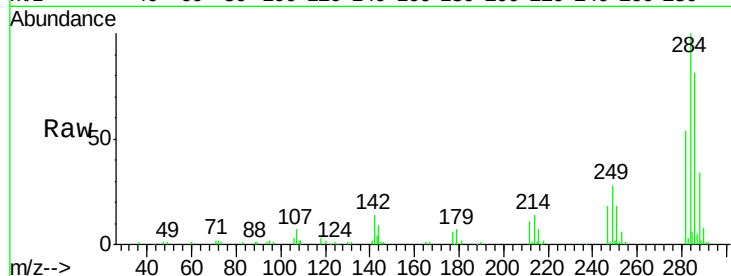
Tot Ion:284 Resp: 106978

Ion Ratio Lower Upper

284 100

142 13.6 12.8 19.2

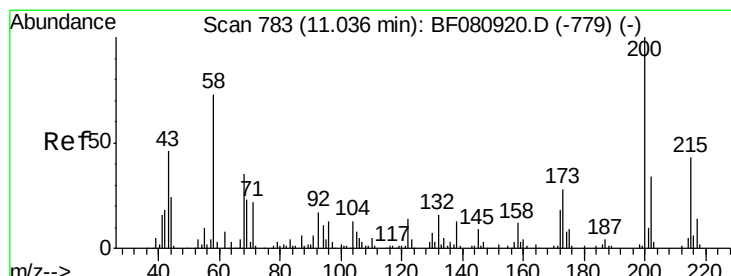
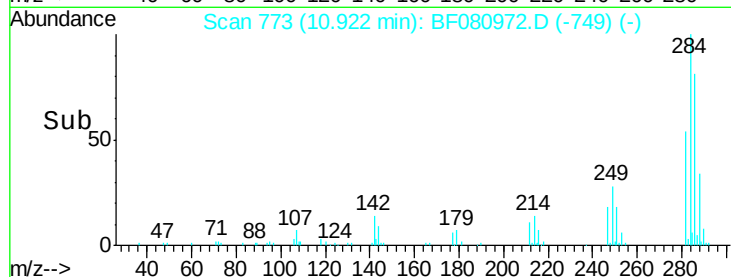
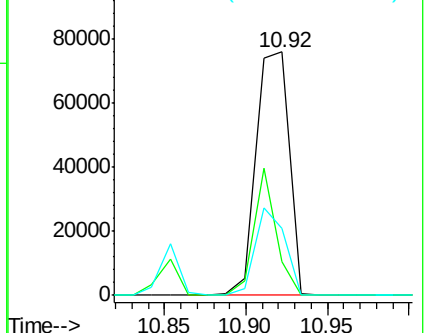
249 27.7 22.5 33.7



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: 33.85 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

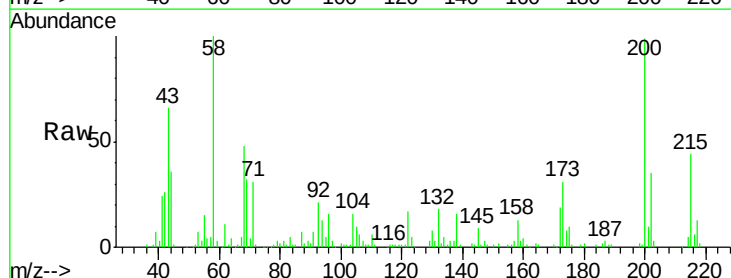
Tgt Ion:200 Resp: 109560

Ion Ratio Lower Upper

200 100

173 31.7 8.4 48.4

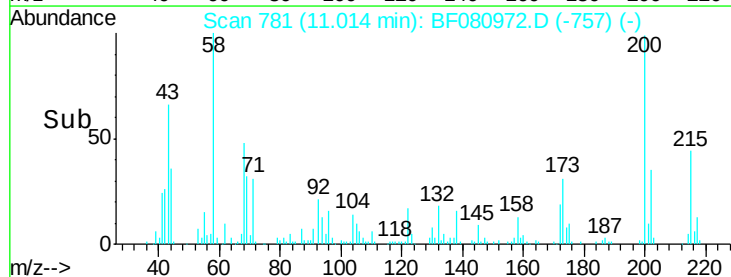
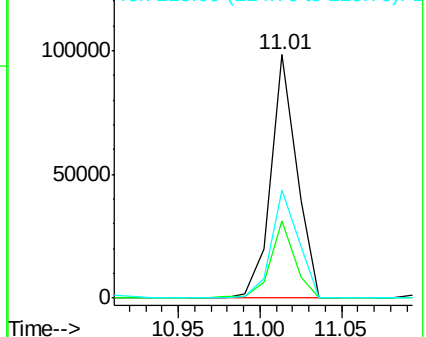
215 44.5 22.7 62.7

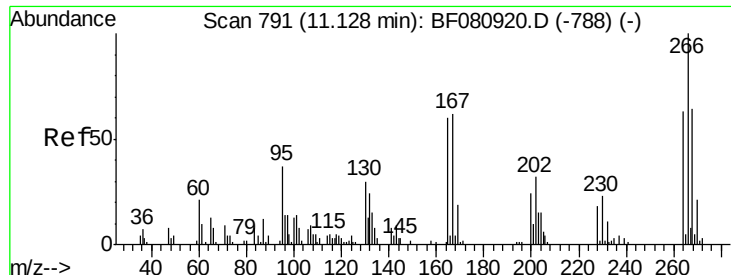


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

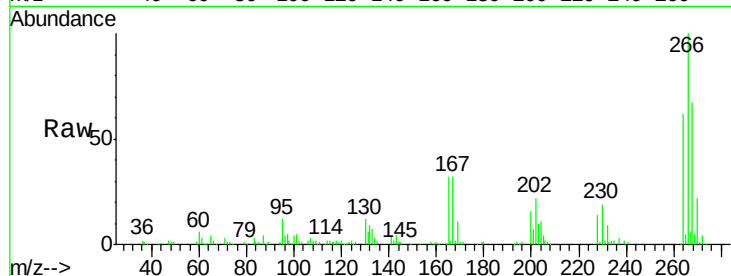




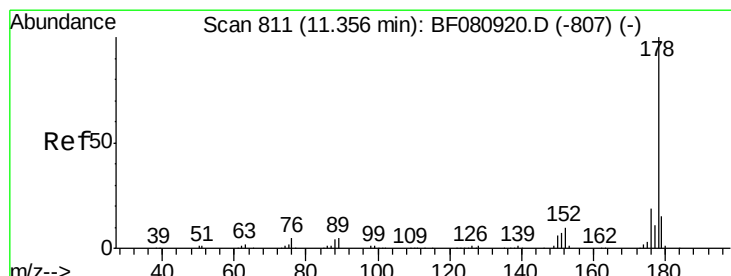
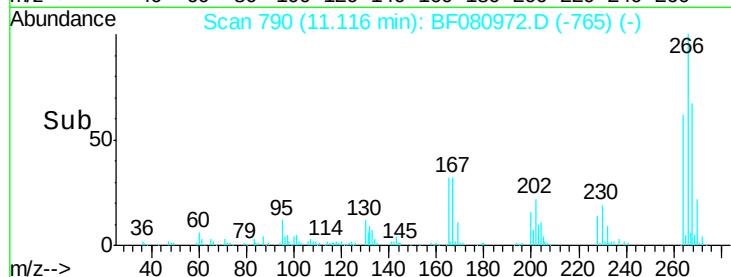
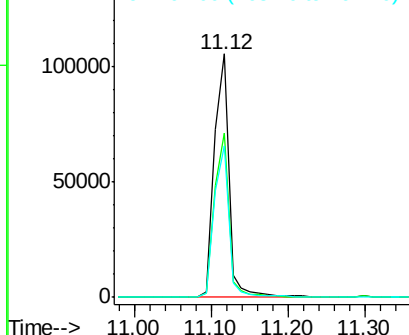
#69
 Pentachlorophenol
 Concen: 64.14 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 139548
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.6 77.4
 264 62.3 50.1 75.1

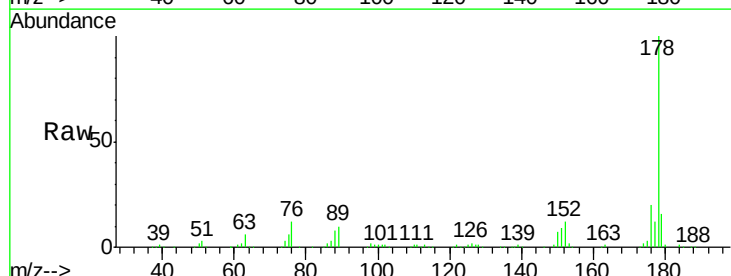


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

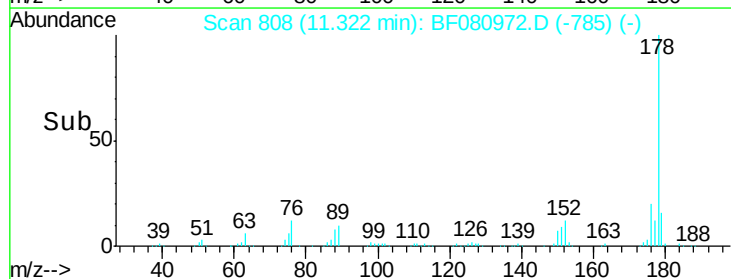
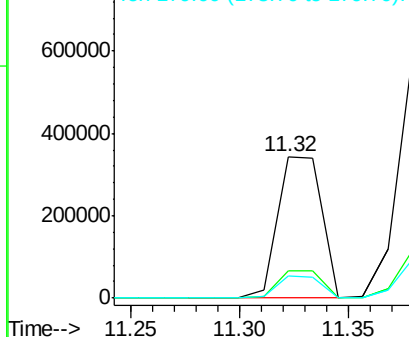


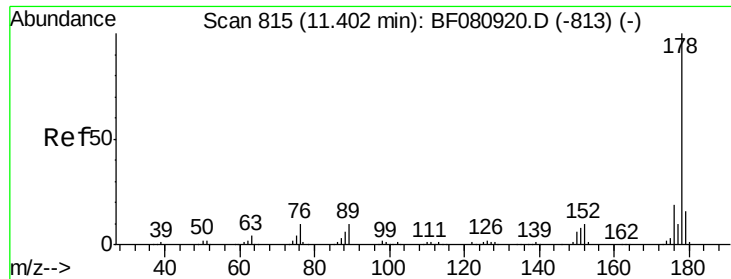
#70
 Phenanthrene
 Concen: 27.04 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion:178 Resp: 486590
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.7 11.9 17.9



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

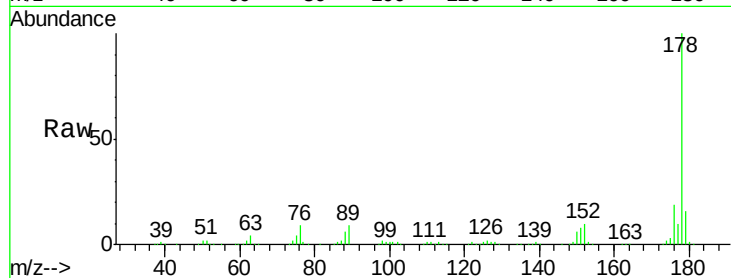




#71
 Anthracene
 Concen: 28.76 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

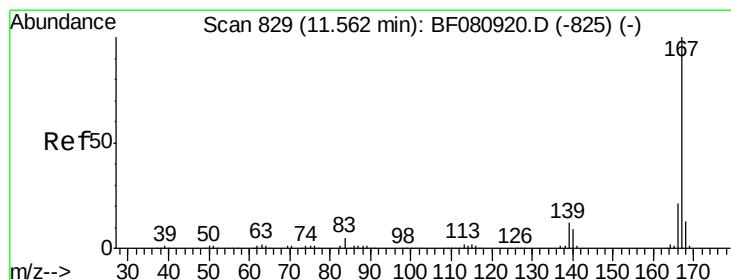
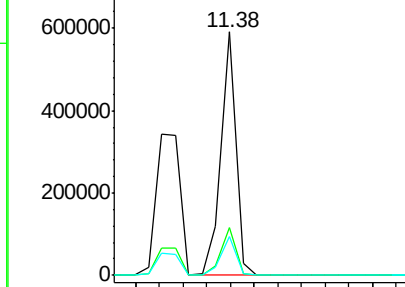
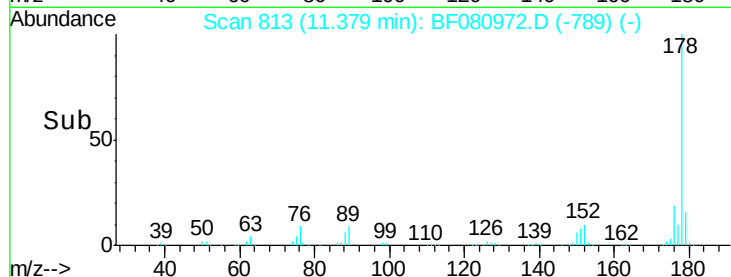
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 512343
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.8 12.6 18.8



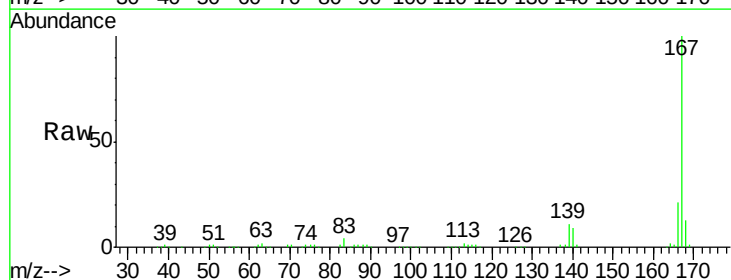
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

11.38



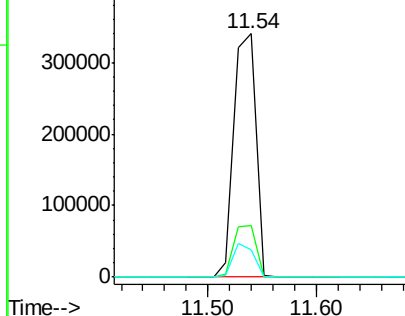
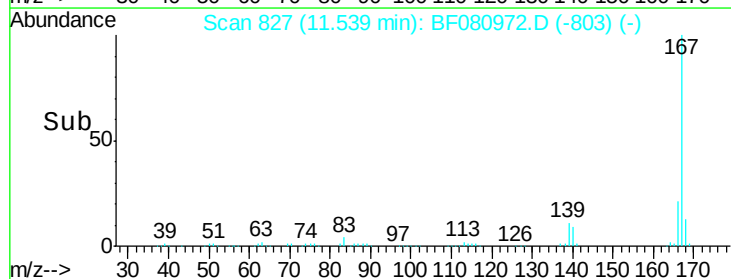
#72
 Carbazole
 Concen: 27.19 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

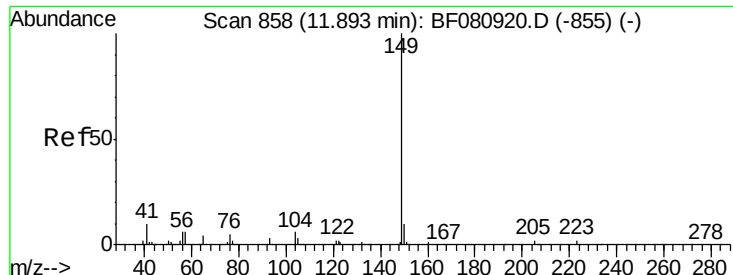
Tgt Ion:167 Resp: 471654
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 11.2 9.2 13.8



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

11.54





#73

Di-n-butylphthalate

Concen: 28.18 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampled :

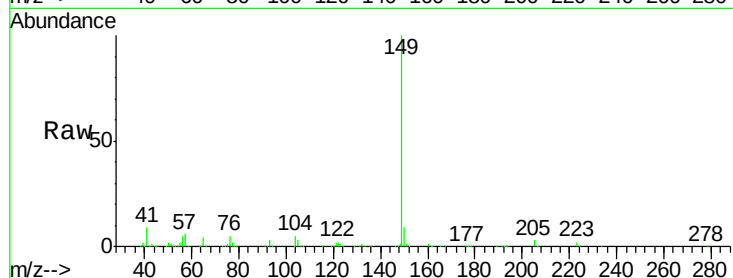
Tot Ion:149 Resp: 611171

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

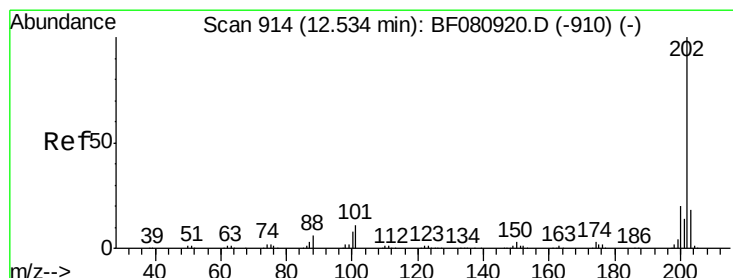
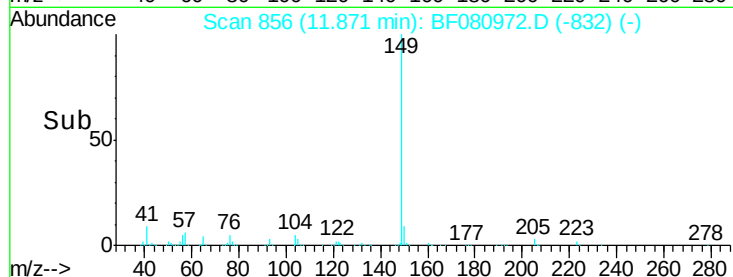
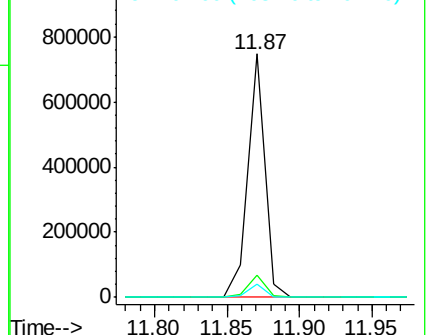
104 5.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.27 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

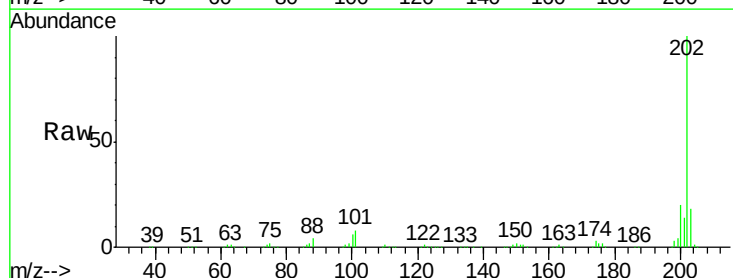
Tgt Ion:202 Resp: 549789

Ion Ratio Lower Upper

202 100

101 7.6 0.0 30.5

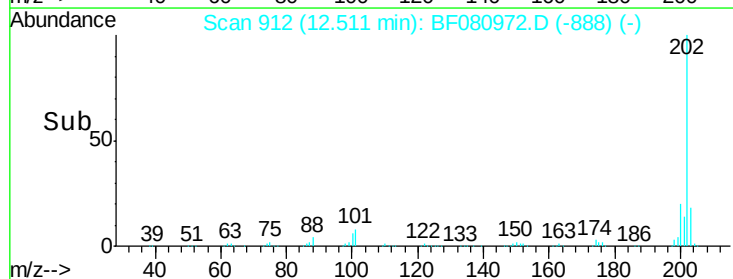
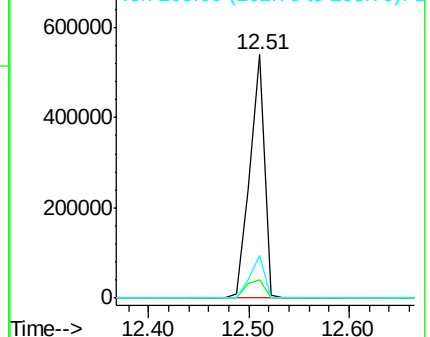
203 17.6 0.0 37.7

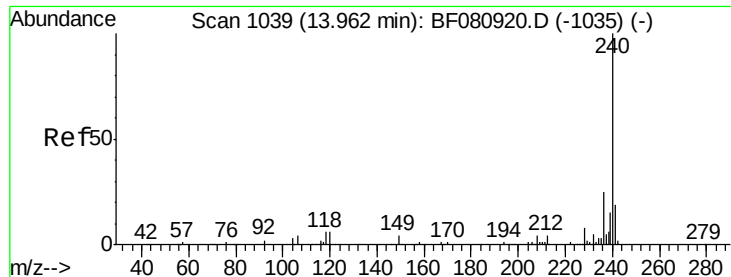


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

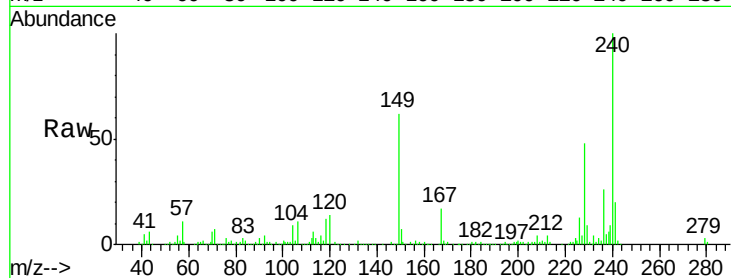
Tot Ion:240 Resp: 253374

Ion Ratio Lower Upper

240 100

120 14.0 5.2 7.8#

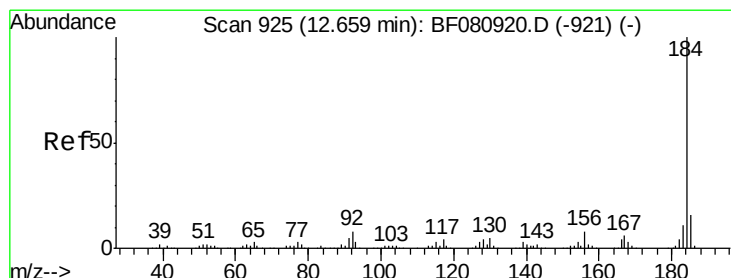
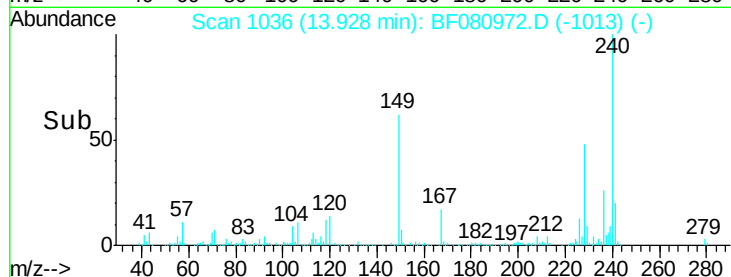
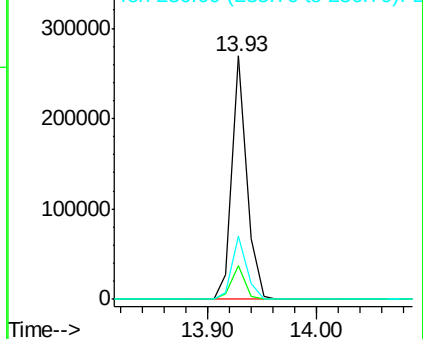
236 25.7 20.2 30.4



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: 10.78 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

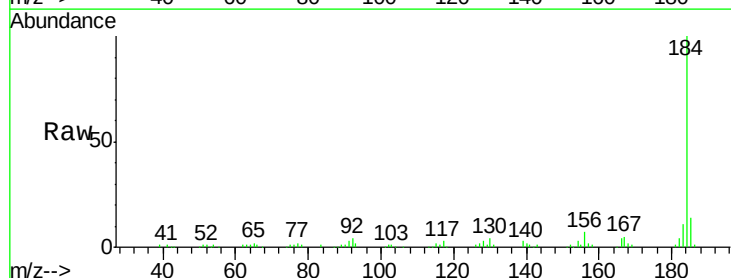
Tgt Ion:184 Resp: 136605

Ion Ratio Lower Upper

184 100

185 13.7 13.0 19.4

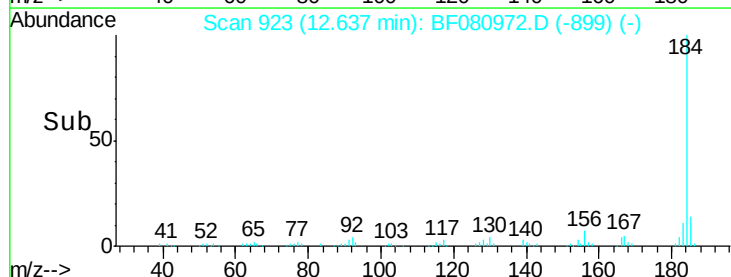
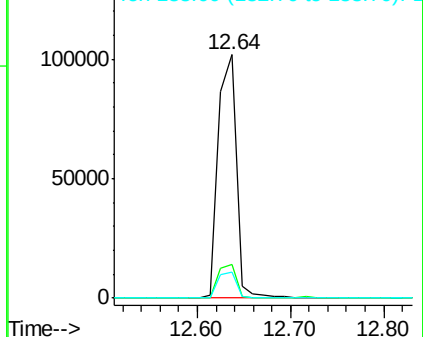
183 10.7 8.7 13.1

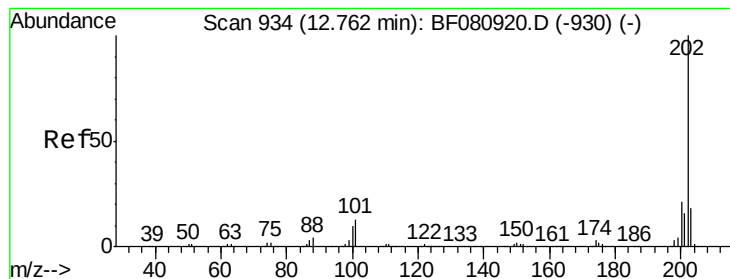


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.44 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

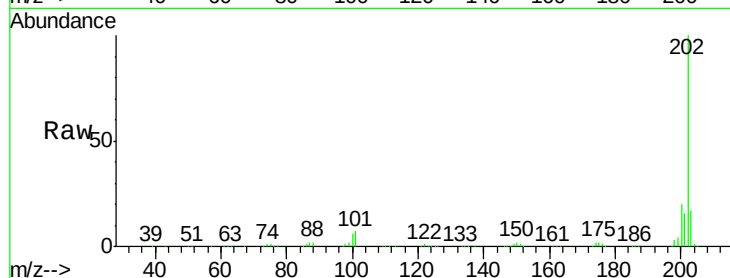
Tot Ion:202 Resp: 569777

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

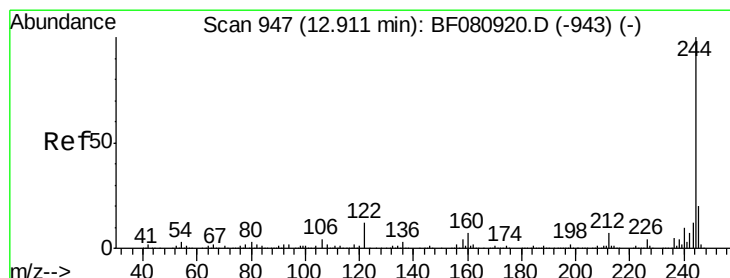
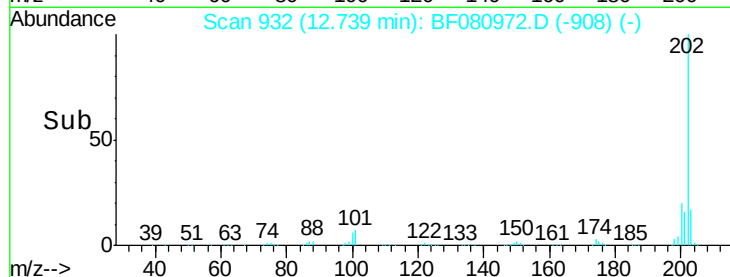
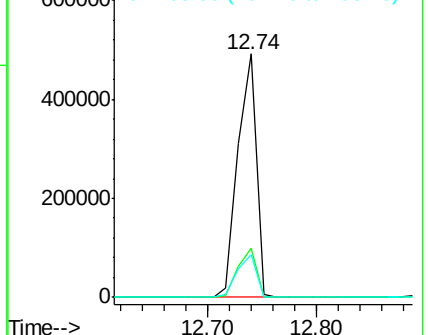
203 17.4 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.29 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

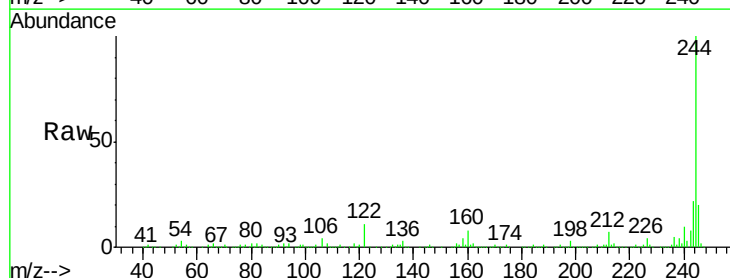
Tgt Ion:244 Resp: 813143

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

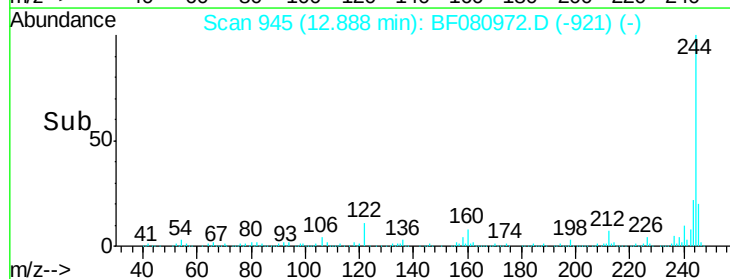
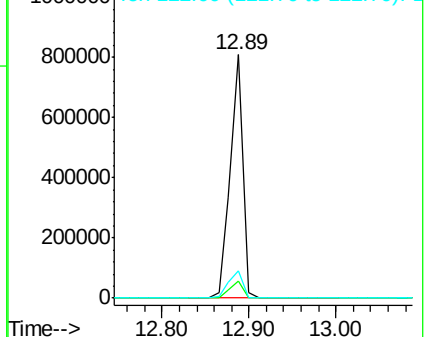
122 11.0 9.4 14.2

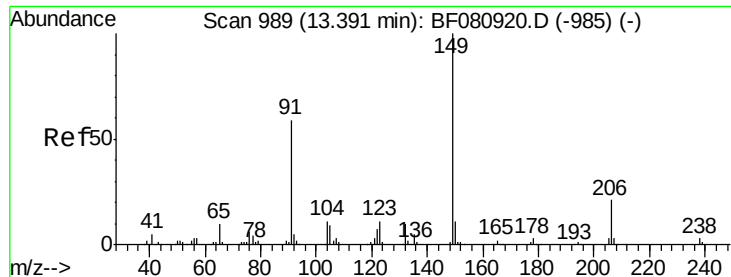


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

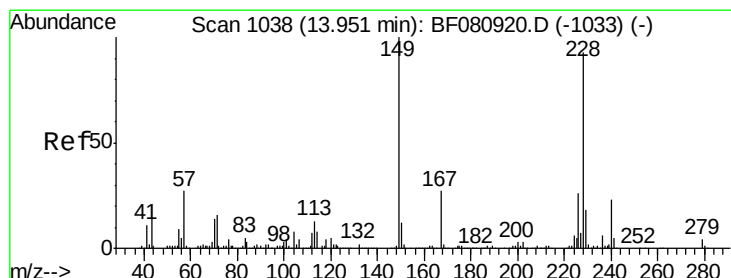
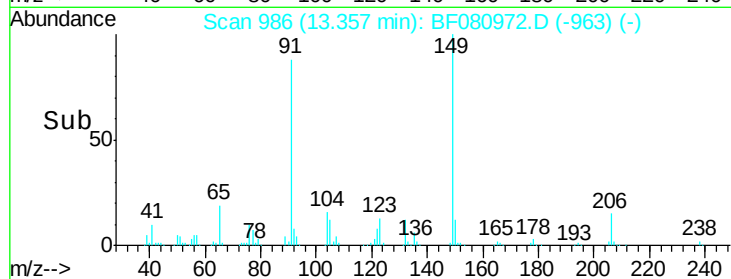
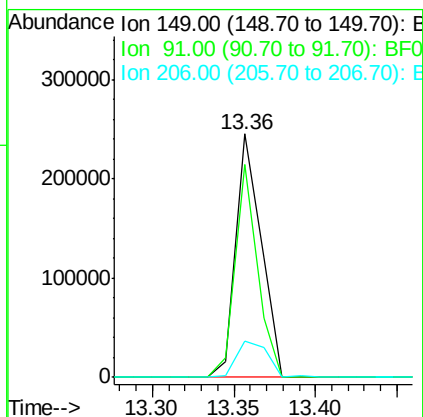
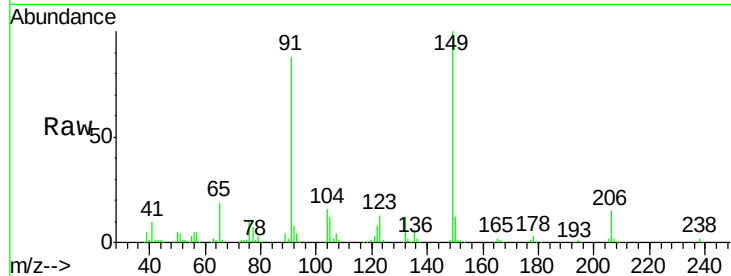




#79
Butylbenzylphthalate
Concen: 29.16 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

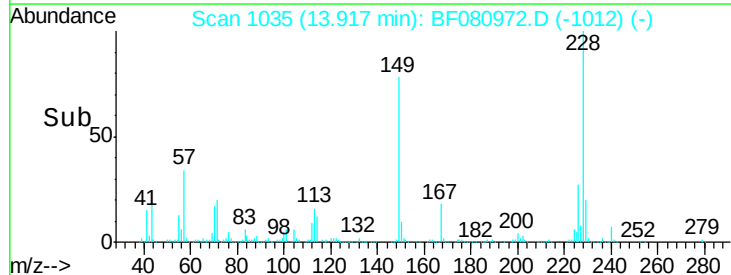
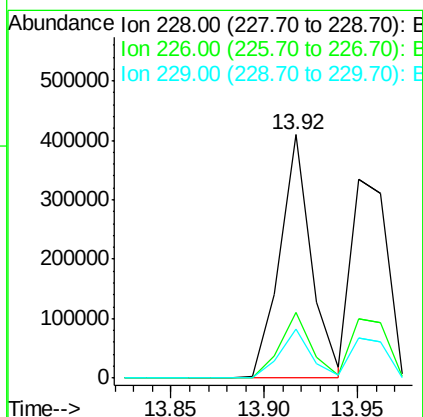
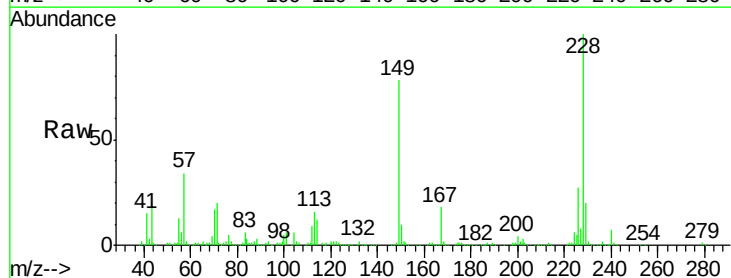
Instrument :
BNA_F
ClientSampleId :

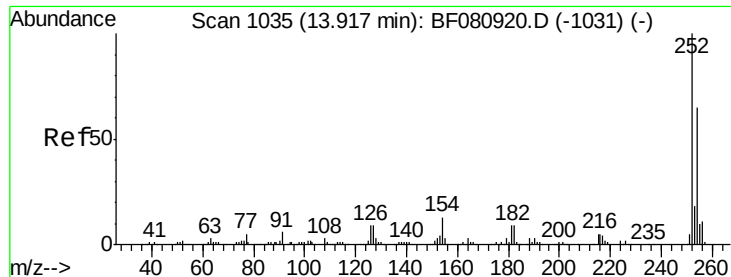
Tot Ion:149 Resp: 263146
Ion Ratio Lower Upper
149 100
91 87.7 47.2 70.8#
206 15.1 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 30.06 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:228 Resp: 481153
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.0 15.8 23.6

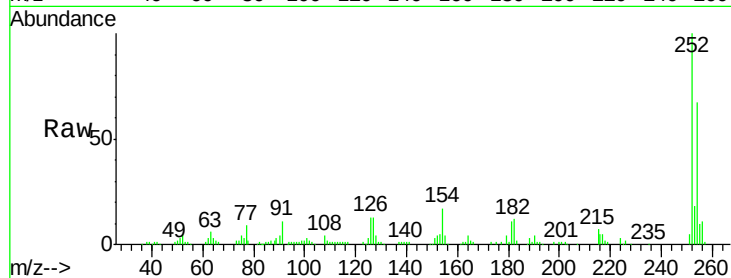




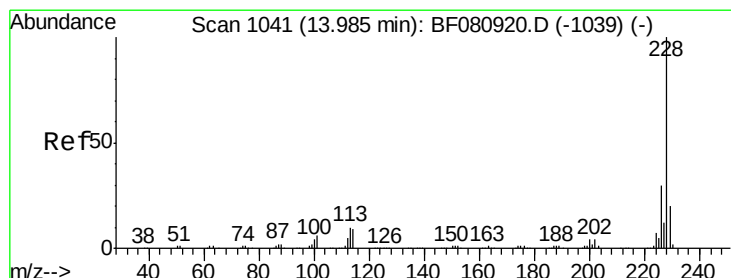
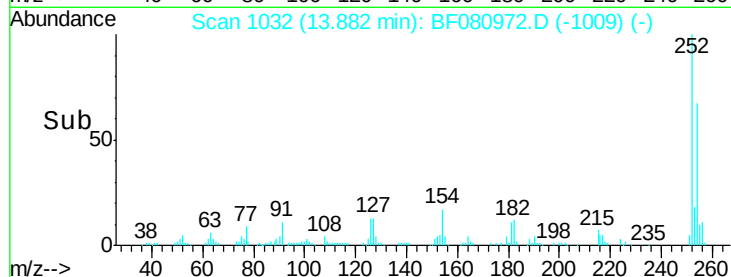
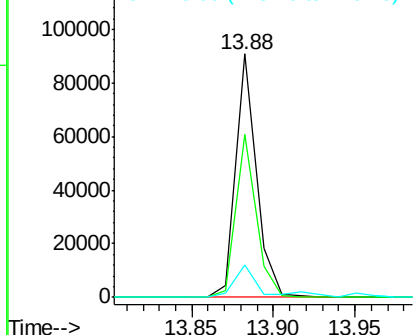
#81
 3,3'-Dichlorobenzidine
 Concen: 13.54 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 78853
 Ion Ratio Lower Upper
 252 100
 254 66.8 51.7 77.5
 126 13.2 7.1 10.7#

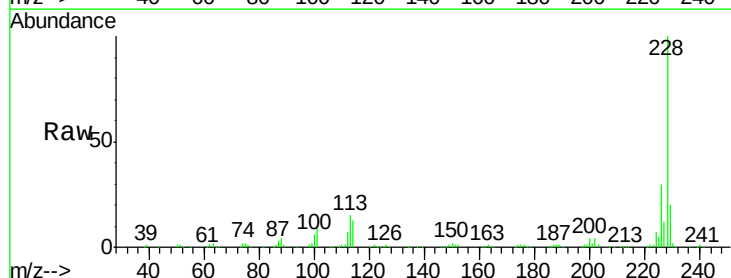


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

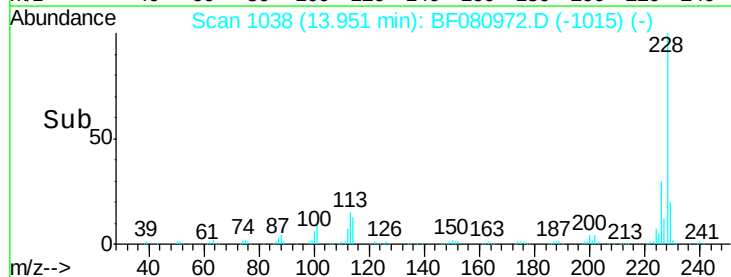
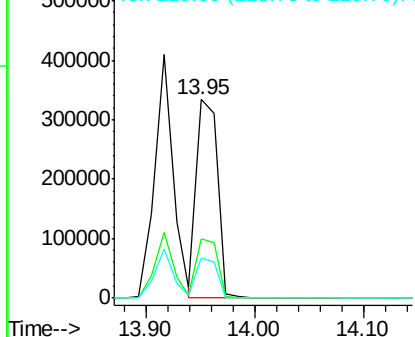


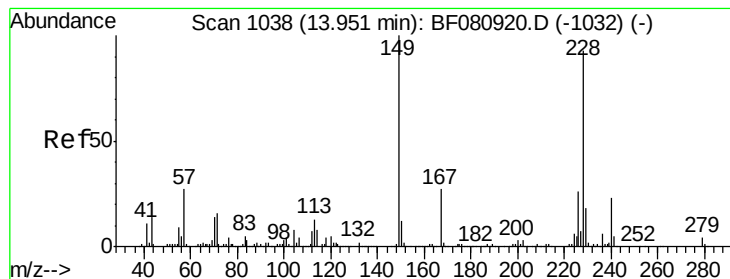
#82
 Chrysene
 Concen: 29.50 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion:228 Resp: 452039
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 20.0 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.59 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampleId :

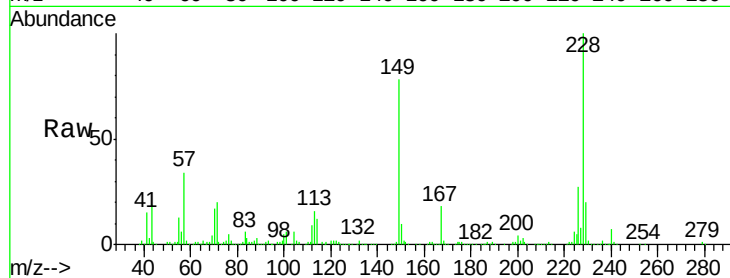
Tot Ion:149 Resp: 346459

Ion Ratio Lower Upper

149 100

167 23.3 21.4 32.0

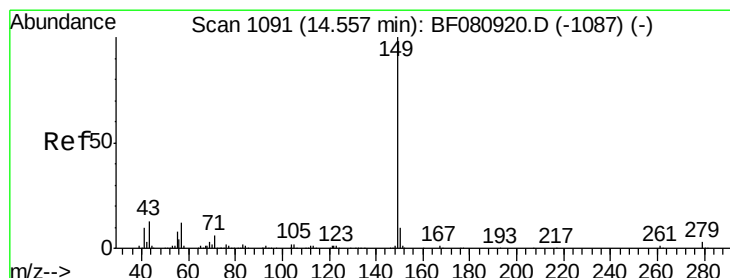
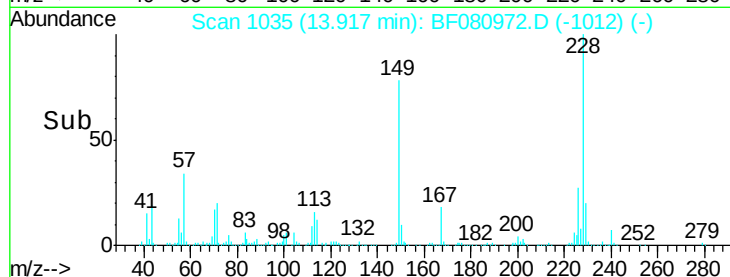
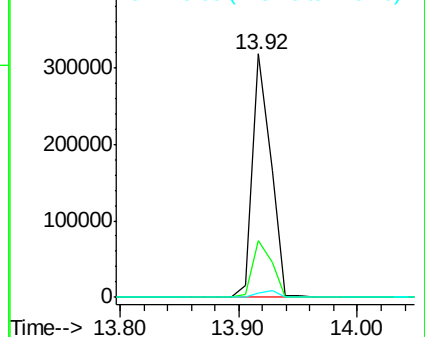
279 1.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.03 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

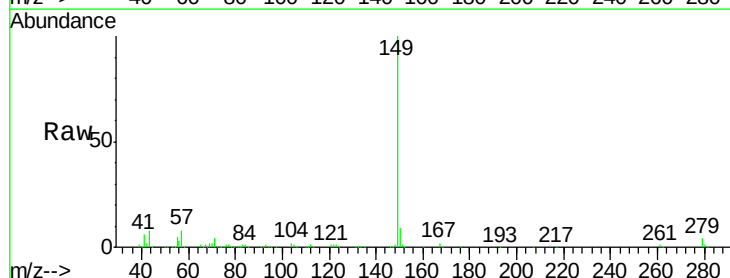
Tgt Ion:149 Resp: 639255

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

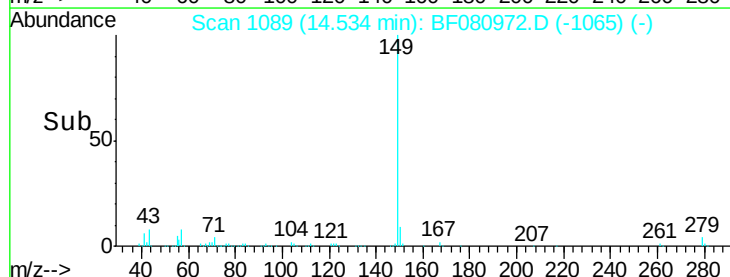
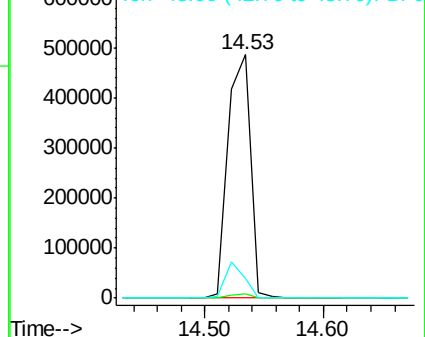
43 12.6 11.0 16.4

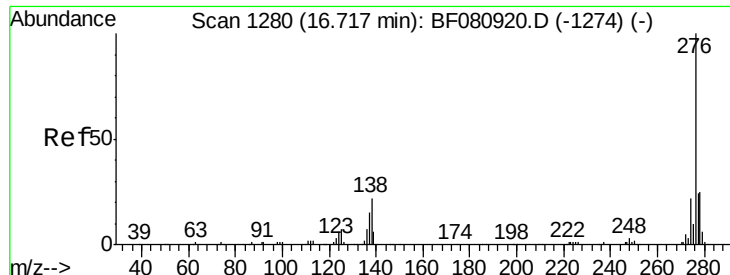


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

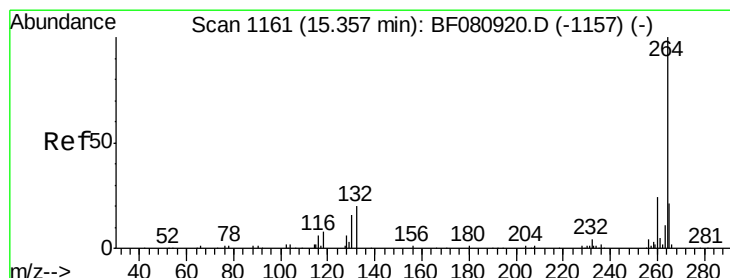
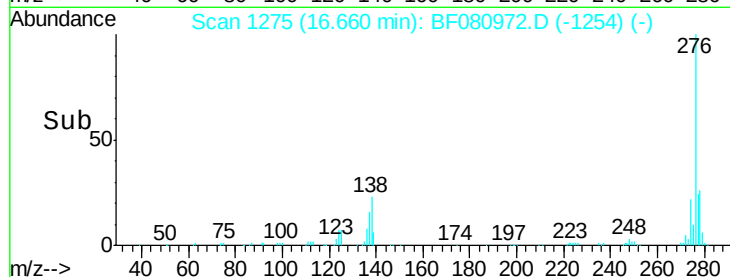
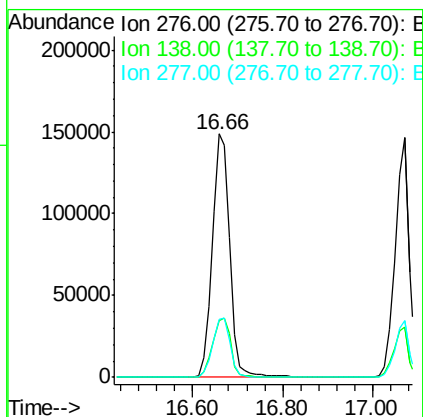
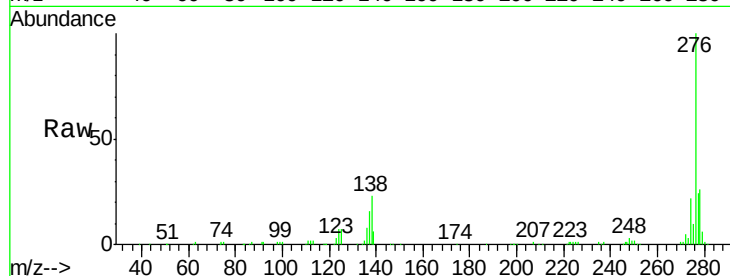




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.46 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.06 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

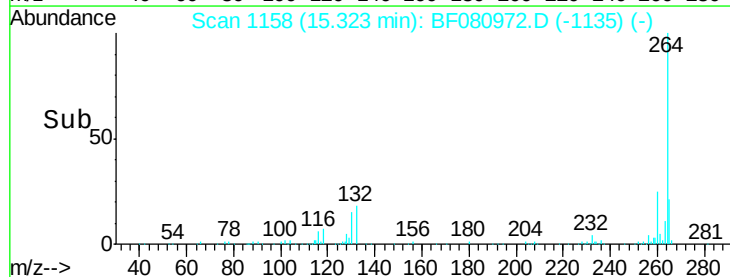
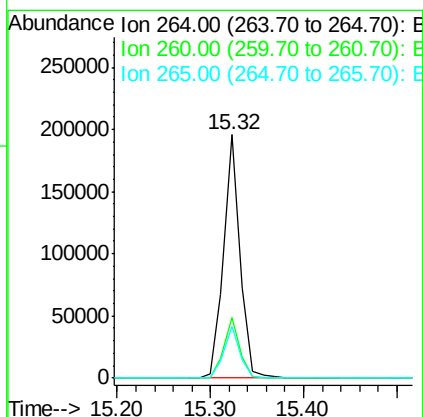
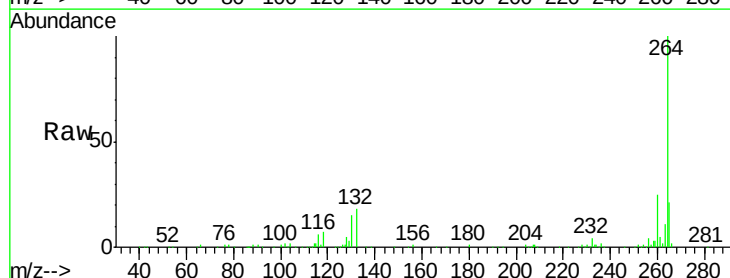
Instrument :
 BNA_F
 ClientSampleId :

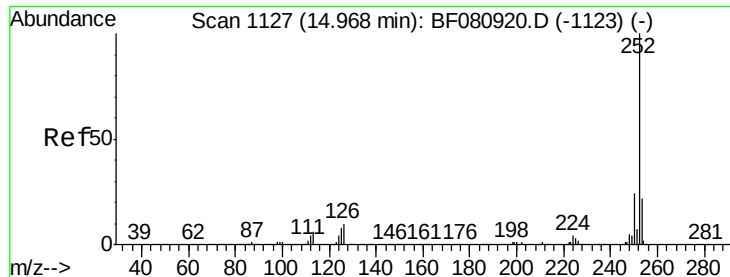
Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.3	19.9	29.9	
277	24.6	19.7	29.5	



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.9	19.4	29.0	
265	21.3	17.0	25.4	





#87

Benzo(b)fluoranthene

Concen: 53.04 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

Instrument :

BNA_F

ClientSampled :

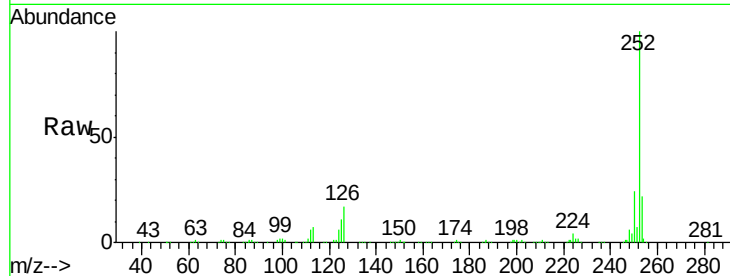
Tot Ion:252 Resp: 882717

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

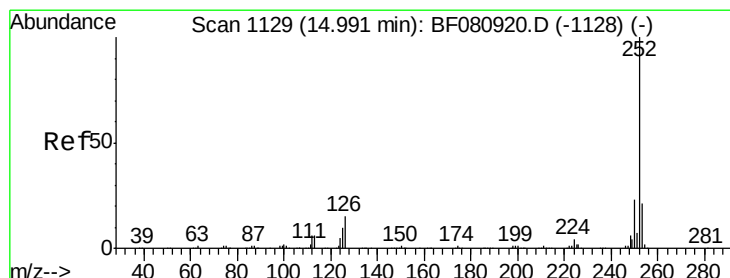
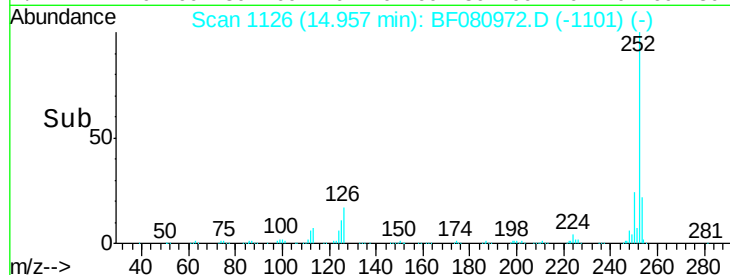
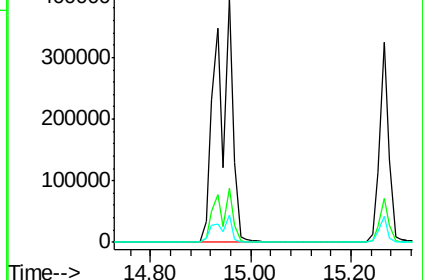
125 11.3 6.1 9.1#



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: 60.63 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080972.D

Acq: 11 Aug 2015 20:40

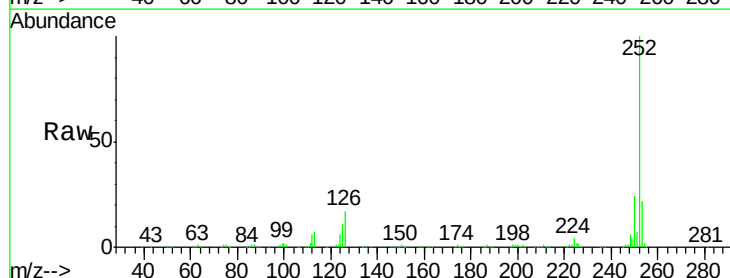
Tgt Ion:252 Resp: 882717

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

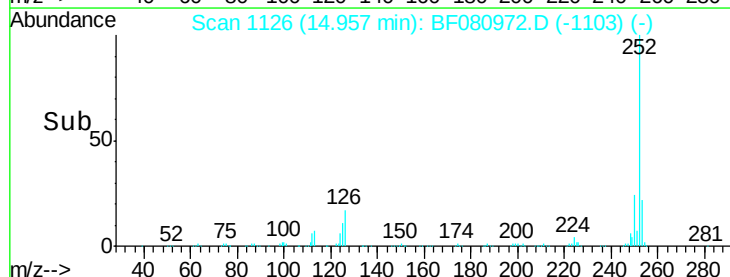
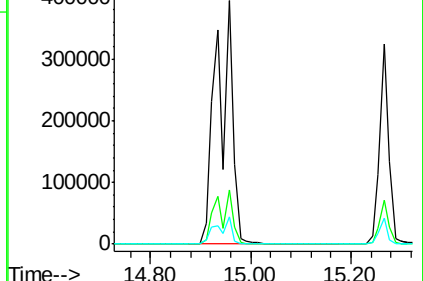
125 11.3 9.0 13.6

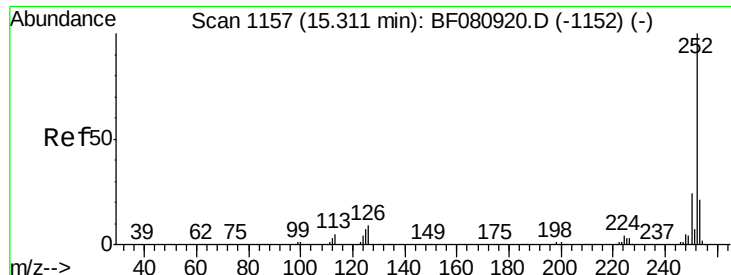


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

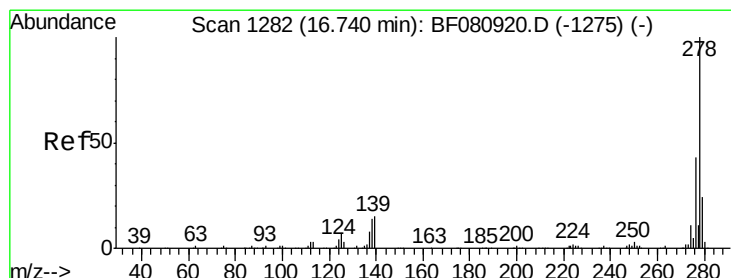
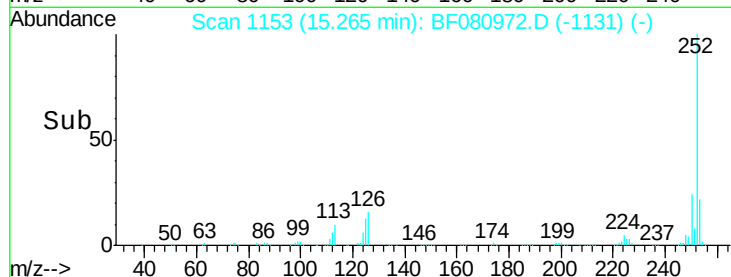
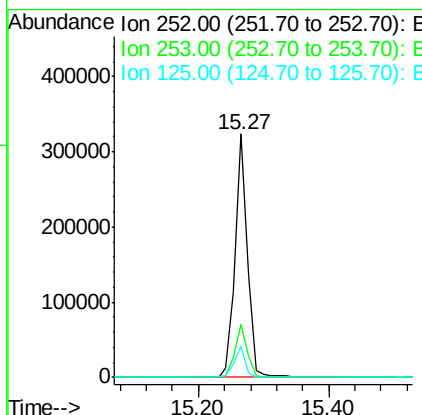
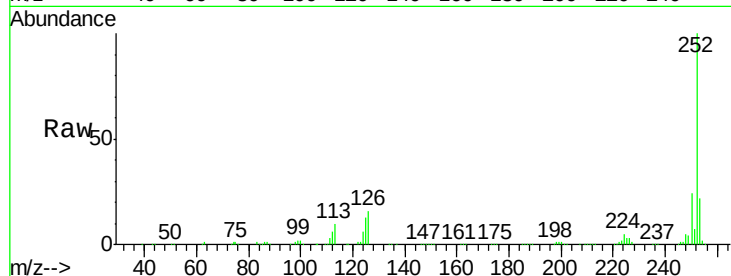




#89
Benzo(a)pyrene
Concen: 29.30 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

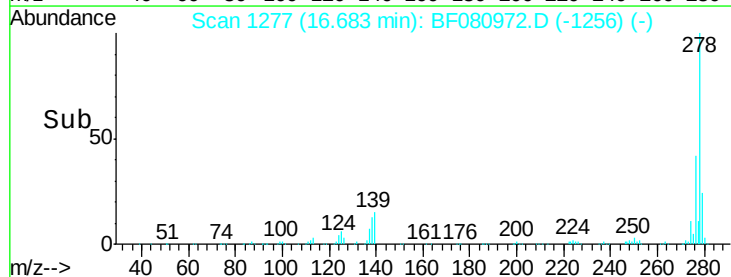
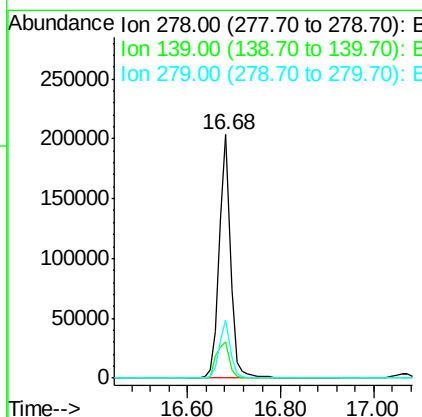
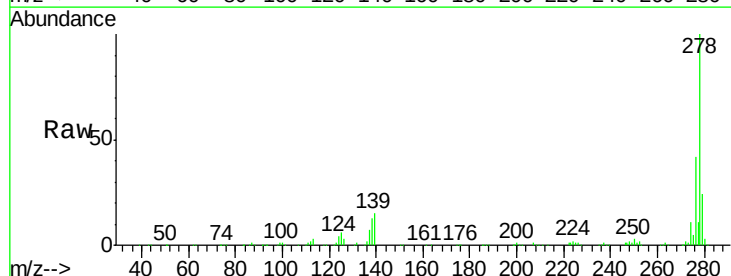
Instrument :
BNA_F
ClientSampleId :

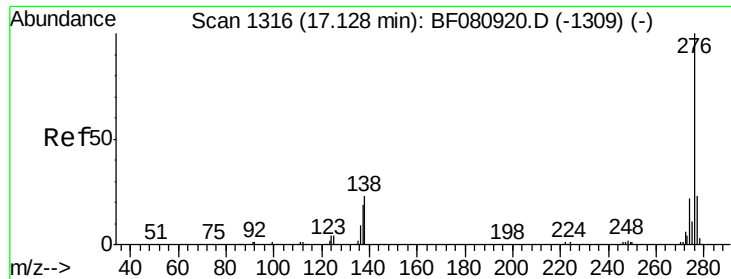
Tot Ion:252 Resp: 419062
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 12.8 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 26.69 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF080972.D
Acq: 11 Aug 2015 20:40

Tgt Ion:278 Resp: 337603
Ion Ratio Lower Upper
278 100
139 14.7 11.9 17.9
279 24.0 19.0 28.6

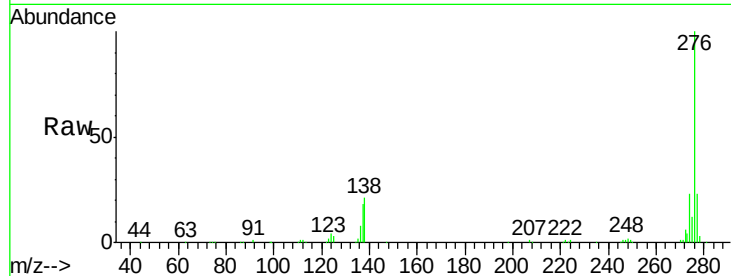




#91
 Benzo(a,h,i)perylene
 Concen: 26.21 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080972.D
 Acq: 11 Aug 2015 20:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	21.1	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

