

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080971.D
 Acq On : 11 Aug 2015 20:08
 Operator : UM/IZ
 Sample : G3212-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:46:48 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	63167	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	295127	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	136999	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	261157	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	224898	20.00	ng	-0.03
86) Perylene-d12	15.32	264	175237	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	413281	106.90	ng	0.02
7) Phenol-d6	6.43	99	481825	90.95	ng	-0.01
23) Nitrobenzene-d5	7.36	82	379368	60.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	154648	102.75	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	632410	64.99	ng	-0.02
78) Terphenyl-d14	12.89	244	729145	66.97	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	54851	29.91	ng	# 80
3) Pyridine	3.20	79	74176	14.26	ng	91
4) n-Nitrosodimethylamine	3.12	42	83313	31.38	ng	87
6) Aniline	6.45	93	50857	6.53	ng	# 80
8) 2-Chlorophenol	6.58	128	123753	27.66	ng	96
9) Benzaldehyde	6.33	77	85490	23.94	ng	87
10) Phenol	6.44	94	165172	26.28	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	137831	29.37	ng	93
12) 1,3-Dichlorobenzene	6.81	146	126907	26.73	ng	96
13) 1,4-Dichlorobenzene	6.81	146	126907	25.72	ng	95
14) 1,2-Dichlorobenzene	6.96	146	114472	25.67	ng	96
15) Benzyl Alcohol	6.93	79	115549	26.65	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.07	45	266387	28.21	ng	97
17) 2-Methylphenol	7.05	107	107388	28.12	ng	# 89
18) Hexachloroethane	7.30	117	48949	25.90	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	103103	26.63	ng	92
20) 3+4-Methylphenols	7.21	107	134204	27.98	ng	90
22) Acetophenone	7.21	105	240119	33.21	ng	# 88
24) Nitrobenzene	7.37	77	143901	22.40	ng	98
25) Isophorone	7.62	82	338494	28.21	ng	99
26) 2-Nitrophenol	7.69	139	76725	28.38	ng	95
27) 2,4-Dimethylphenol	7.73	122	151584	29.95	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	184653	25.63	ng	98
29) 2,4-Dichlorophenol	7.93	162	112184	26.98	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	122921	27.04	ng	99
31) Naphthalene	8.09	128	401762	24.70	ng	99
32) Benzoic acid	7.82	122	40167	13.26	ng	89
33) 4-Chloroaniline	8.14	127	34591	5.23	ng	96
34) Hexachlorobutadiene	8.21	225	68893	25.47	ng	98
35) Caprolactam	8.51	113	17631	11.79	ng	# 68
36) 4-Chloro-3-methylphenol	8.64	107	125750	24.78	ng	98
37) 2-Methylnaphthalene	8.78	142	247328	23.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	145793	34.52	ng	98
40) Hexachlorocyclopentadiene	8.94	237	151208	65.61	ng	100

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 Misc :
 ALS Vial : 12 Sample Multiplier: 1

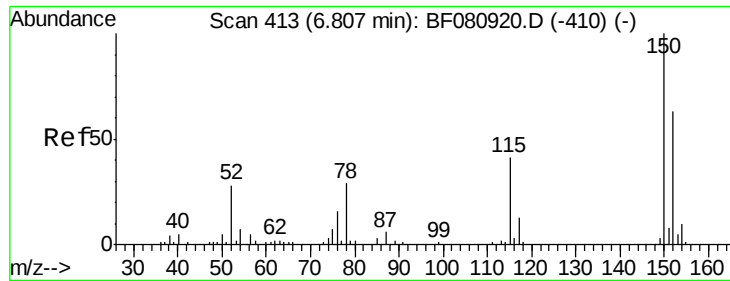
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:46:48 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	77983	25.19	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	88232	28.29	nq	# 84
45) 1,1'-Biphenyl	9.25	154	429611	36.54	nq	99
46) 2-Chloronaphthalene	9.28	162	227414	24.81	nq	99
47) 2-Nitroaniline	9.37	65	91730	24.96	nq	92
48) Acenaphthylene	9.69	152	425374	26.69	nq	99
49) Dimethylphthalate	9.55	163	286952	25.21	nq	100
50) 2,6-Dinitrotoluene	9.61	165	59813	25.44	nq	95
51) Acenaphthene	9.86	154	283865	29.08	nq	99
52) 3-Nitroaniline	9.78	138	23109	7.97	nq	81
53) 2,4-Dinitrophenol	9.88	184	47846	37.07	nq	# 78
54) Dibenzofuran	10.03	168	368057	27.89	nq	99
55) 4-Nitrophenol	9.95	139	119056	54.87	nq	# 75
56) 2,4-Dinitrotoluene	10.02	165	86781	27.59	nq	# 65
57) Fluorene	10.37	166	322236	31.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	57159	23.15	nq	97
59) Diethylphthalate	10.26	149	301895	25.49	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	127721	25.67	nq	99
61) 4-Nitroaniline	10.40	138	76008	25.49	nq	93
62) Azobenzene	10.52	77	373177	28.17	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	40172	24.82	nq	92
65) n-Nitrosodiphenylamine	10.49	169	281248	31.00	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	84210	30.44	nq	94
67) Hexachlorobenzene	10.91	284	80736	26.25	nq	# 60
68) Atrazine	11.01	200	85034	31.97	nq	98
69) Pentachlorophenol	11.10	266	102975	57.59	nq	96
70) Phenanthrene	11.32	178	373643	25.27	nq	98
71) Anthracene	11.38	178	447176	30.54	nq	99
72) Carbazole	11.53	167	375382	26.33	nq	# 97
73) Di-n-butylphthalate	11.87	149	528909	29.67	nq	99
74) Fluoranthene	12.51	202	473027	29.59	nq	96
76) Benzidine	12.62	184	121575	10.81	nq	97
77) Pyrene	12.73	202	449340	27.05	nq	99
79) Butylbenzylphthalate	13.36	149	216464	27.03	nq	# 73
80) Benzo(a)anthracene	13.92	228	390889	27.52	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	58014	11.23	nq	# 99
82) Chrysene	13.95	228	333714	24.53	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	284386	25.52	nq	# 94
84) Di-n-octyl phthalate	14.52	149	479469	25.38	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	296101	22.87	nq	98
87) Benzo(b)fluoranthene	14.96	252	696388	57.15	nq	# 98
88) Benzo(k)fluoranthene	14.96	252	696388	65.33	nq	99
89) Benzo(a)pyrene	15.27	252	319148	30.47	nq	# 97
90) Dibenzo(a,h)anthracene	16.68	278	253713	27.39	nq	97
91) Benzo(g,h,i)perylene	17.07	276	228453	25.36	nq	# 93

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

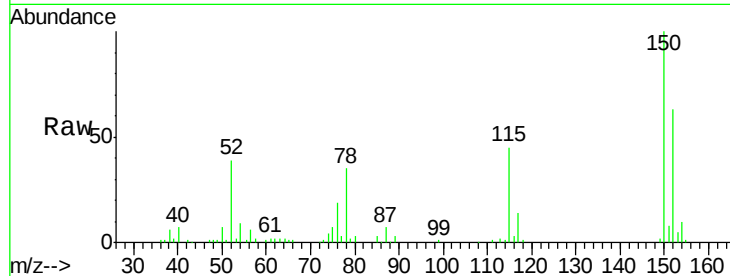


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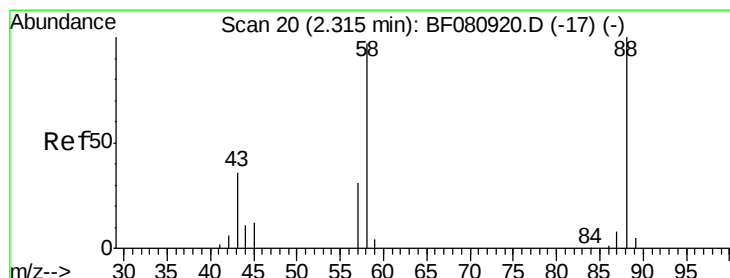
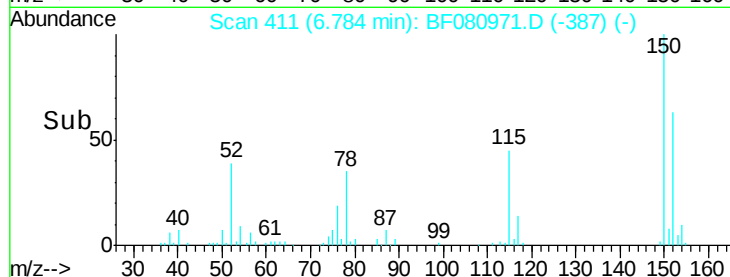
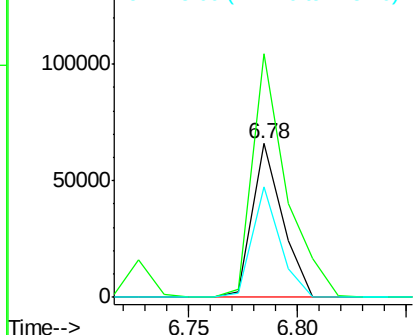
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63167
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.2
115 71.6 52.6 78.8



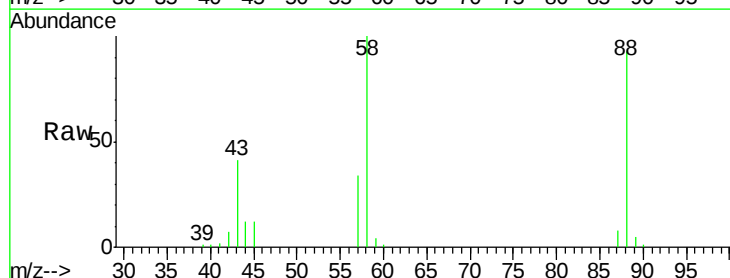
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



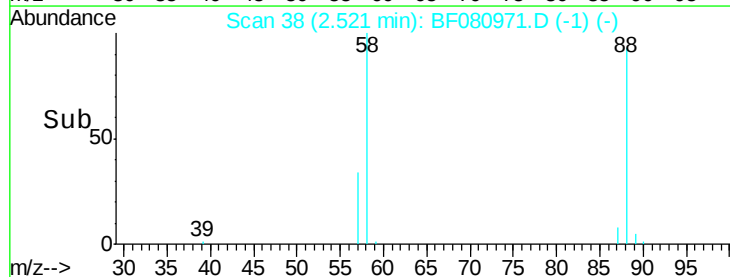
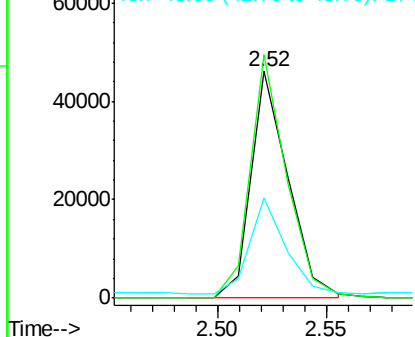
#2

1,4-Dioxane
Concen: 29.91 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.21 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion: 88 Resp: 54851
Ion Ratio Lower Upper
88 100
58 105.1 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

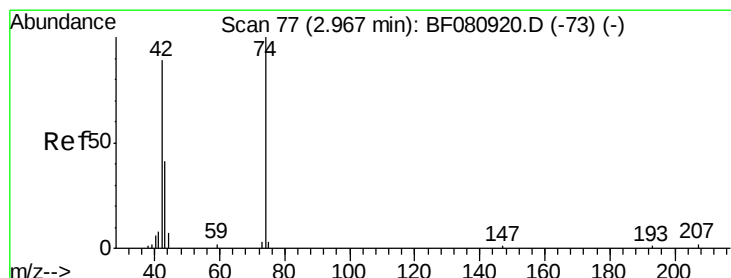
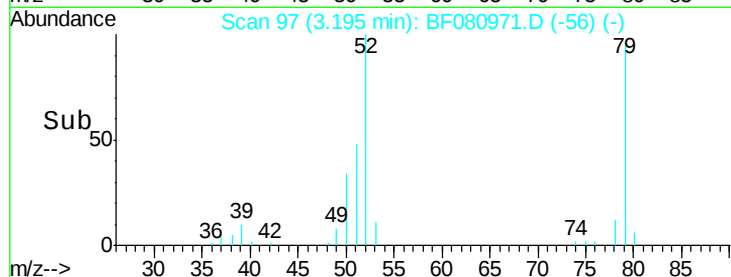
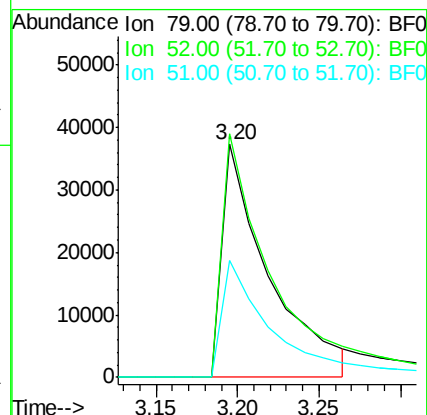
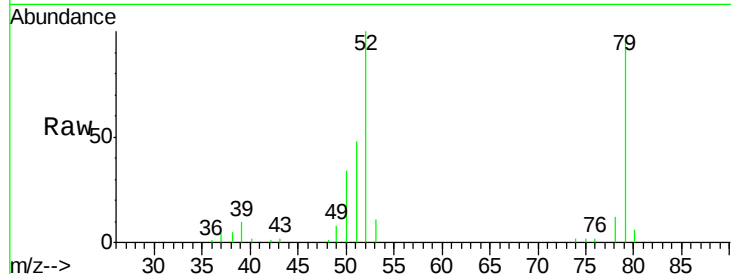




#3
 Pvridine
 Concen: 14.26 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.17 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

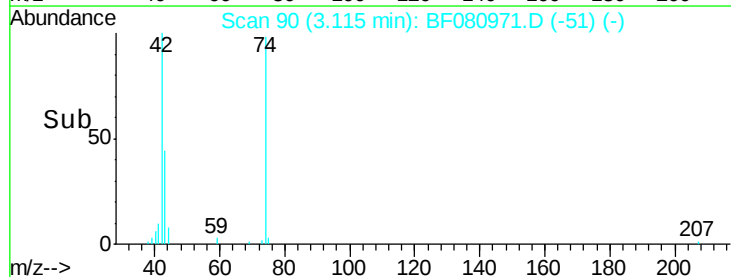
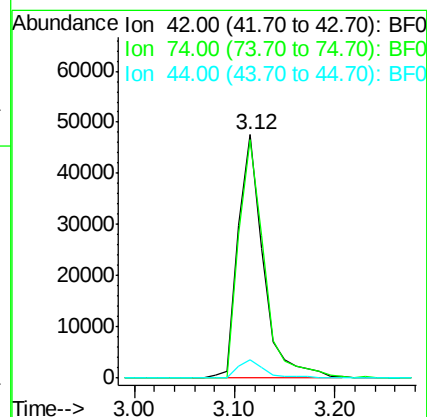
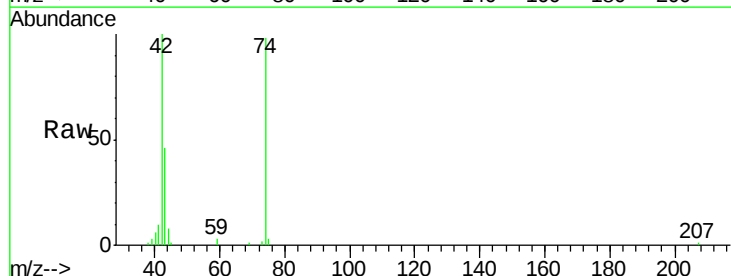
Instrument :
 BNA_F
 ClientSampled :

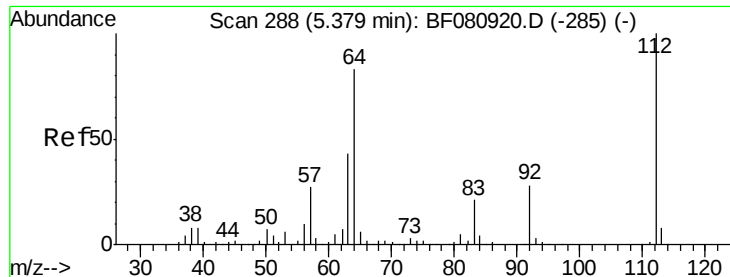
Tot Ion: 79 Resp: 74176
 Ion Ratio Lower Upper
 79 100
 52 104.4 77.2 115.8
 51 50.1 35.0 52.4



#4
 n-Nitrosodimethylamine
 Concen: 31.38 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.15 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion: 42 Resp: 83313
 Ion Ratio Lower Upper
 42 100
 74 98.0 89.8 134.8
 44 7.7 6.5 9.7





#5

2-Fluorophenol

Concen: 106.90 ng

RT: 5.40 min Scan# 290

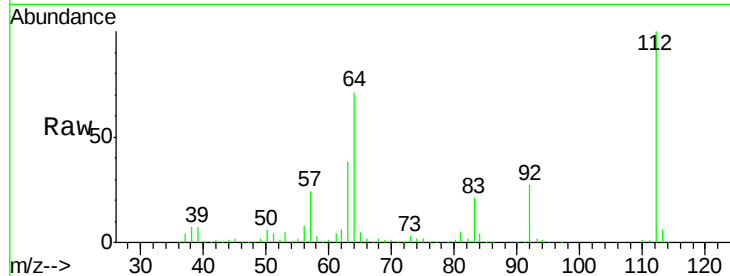
Delta R.T. 0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampled :

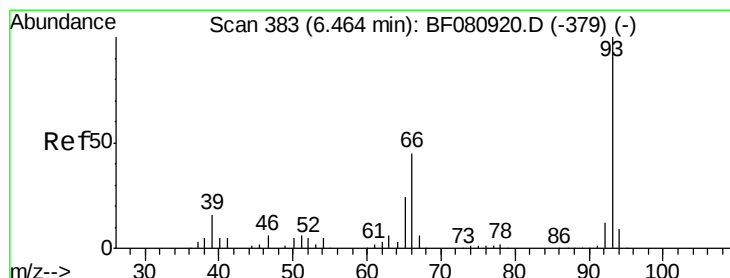
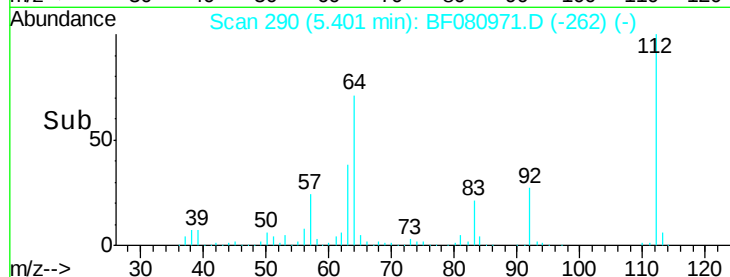
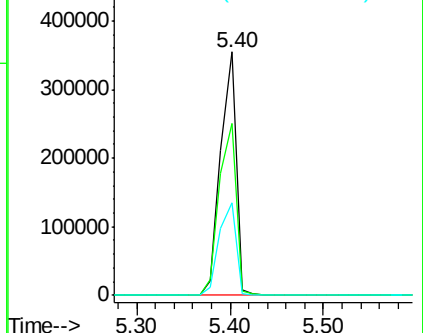
Tot Ion:	112	Resp:	413281
Ion	Ratio	Lower	Upper
112	100		
64	70.8	66.1	99.1
63	38.0	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.53 ng

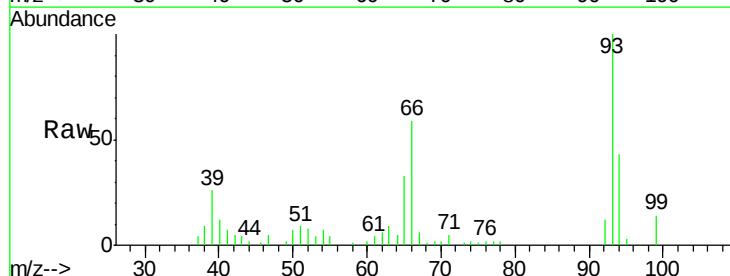
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

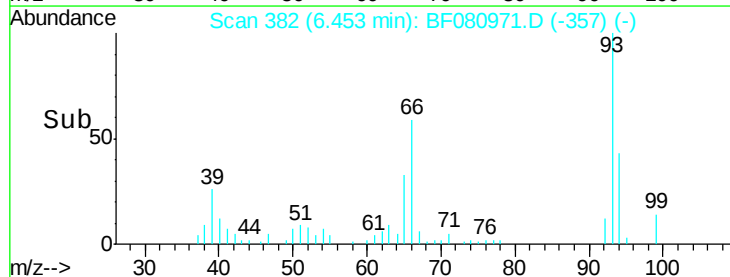
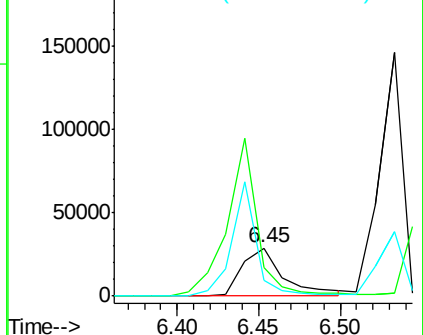
Tgt Ion:	93	Resp:	50857
Ion	Ratio	Lower	Upper
93	100		
66	59.4	36.2	54.4#
65	32.8	19.0	28.4#

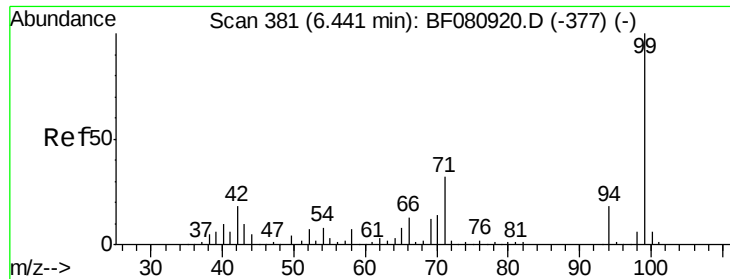


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.95 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampled :

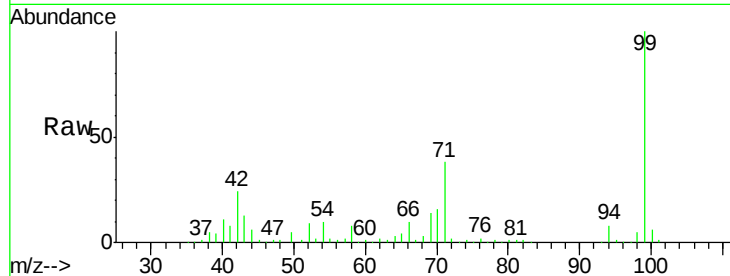
Tot Ion: 99 Resp: 481825

Ion Ratio Lower Upper

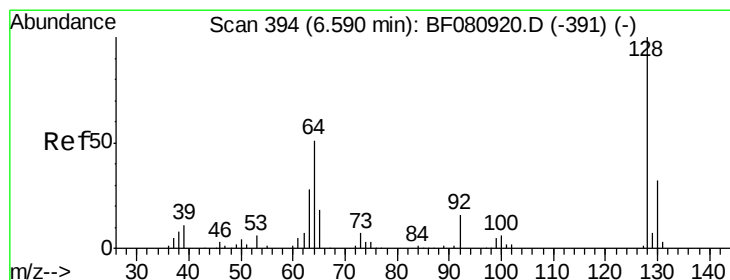
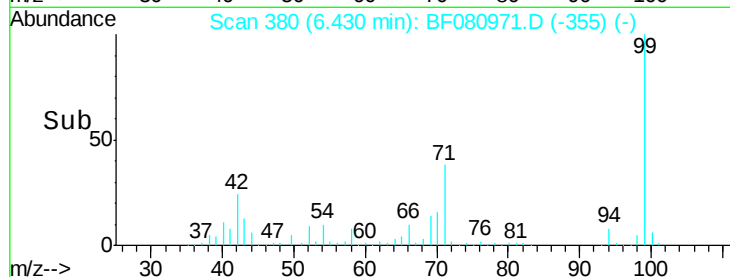
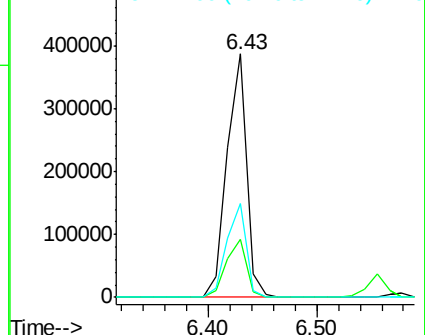
99 100

42 24.1 14.4 21.6#

71 38.5 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: 27.66 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

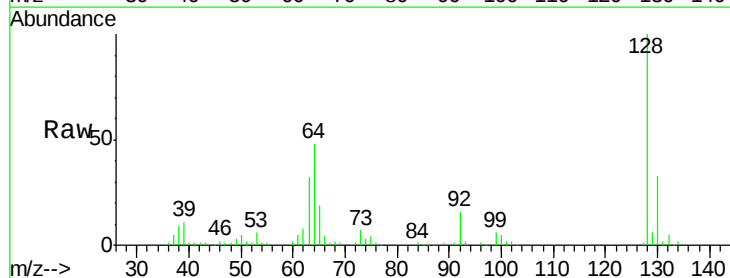
Tgt Ion: 128 Resp: 123753

Ion Ratio Lower Upper

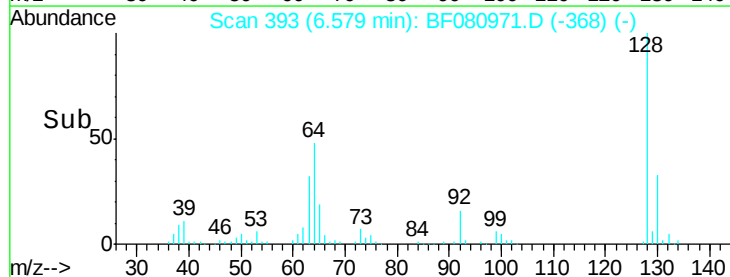
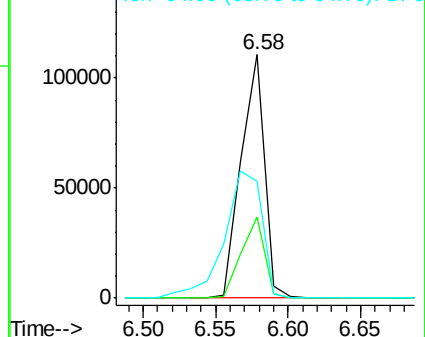
128 100

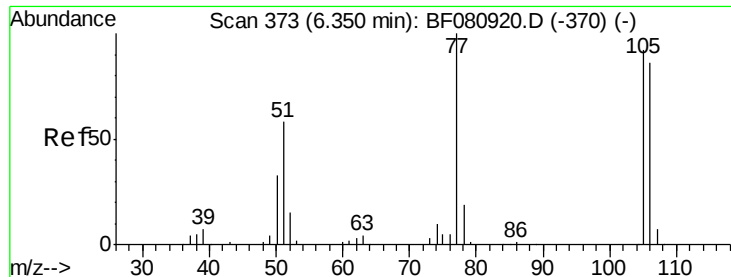
130 33.1 12.4 52.4

64 48.1 32.1 72.1



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





#9

Benzaldehyde

Concen: 23.94 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

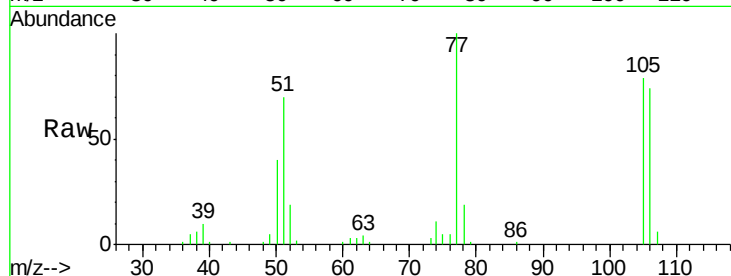
Tot Ion: 77 Resp: 85490

Ion Ratio Lower Upper

77 100

105 79.0 71.6 111.6

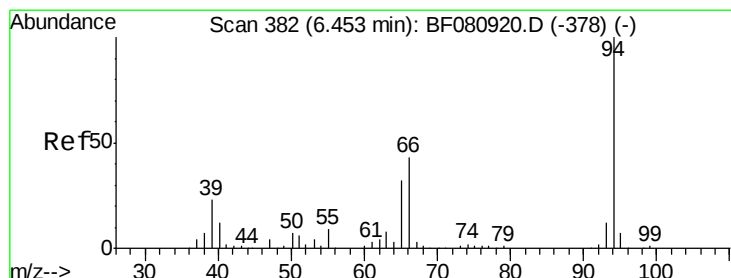
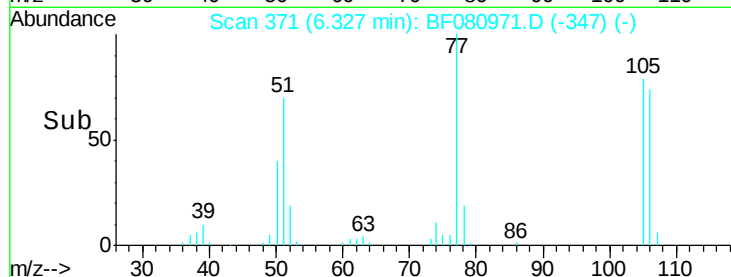
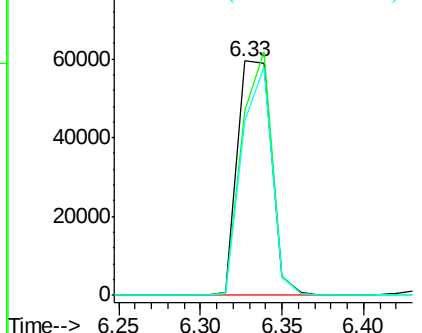
106 74.1 65.7 105.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 26.28 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

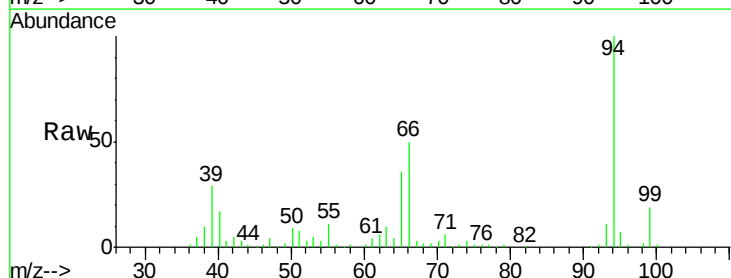
Tgt Ion: 94 Resp: 165172

Ion Ratio Lower Upper

94 100

65 36.0 11.8 51.8

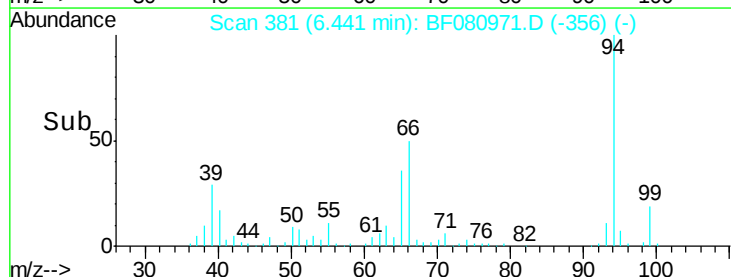
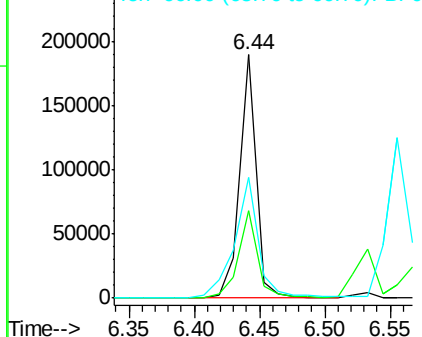
66 49.9 22.9 62.9

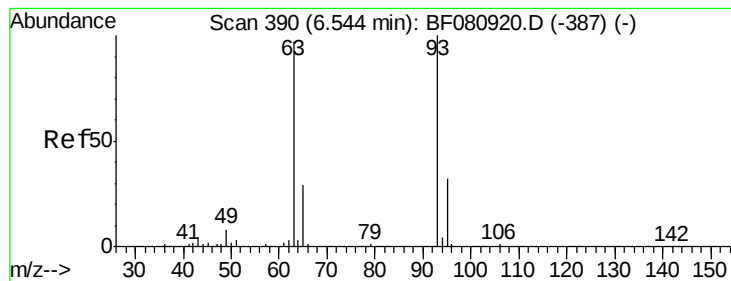


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

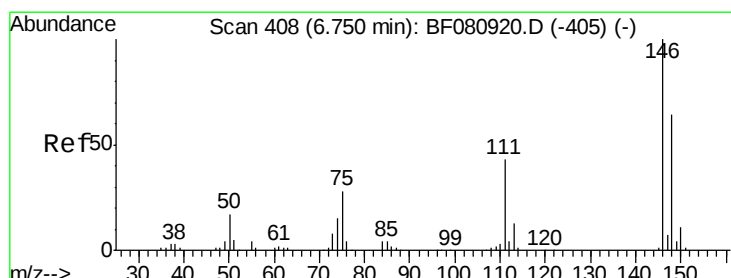
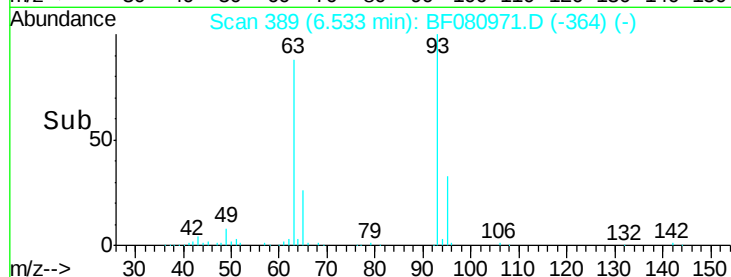
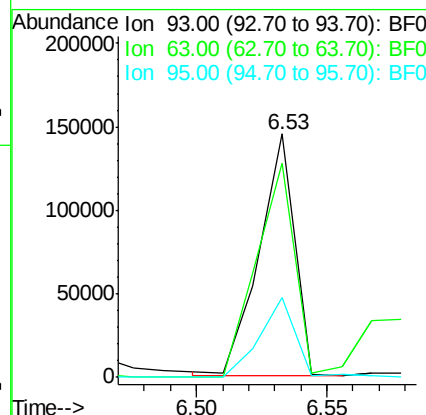
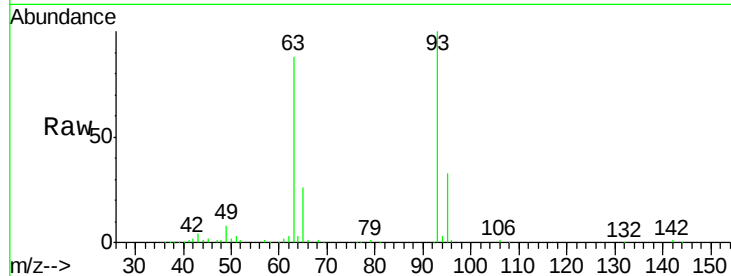




#11
 bis(2-Chloroethyl)ether
 Concen: 29.37 ng
 RT: 6.53 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

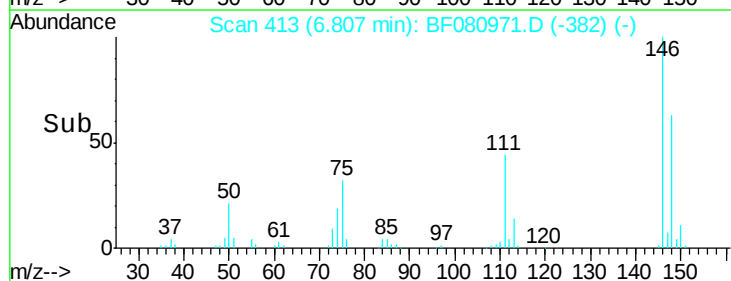
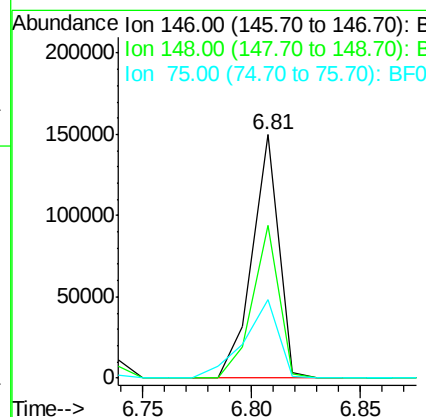
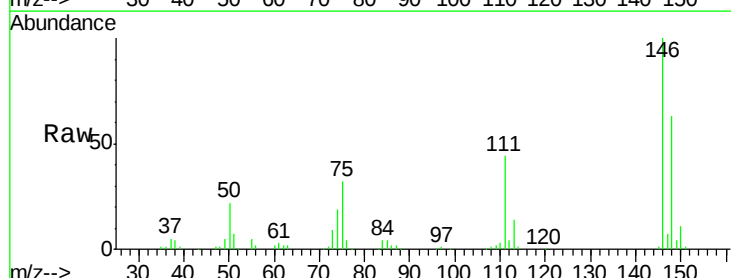
Instrument :
 BNA_F
 ClientSampleId :

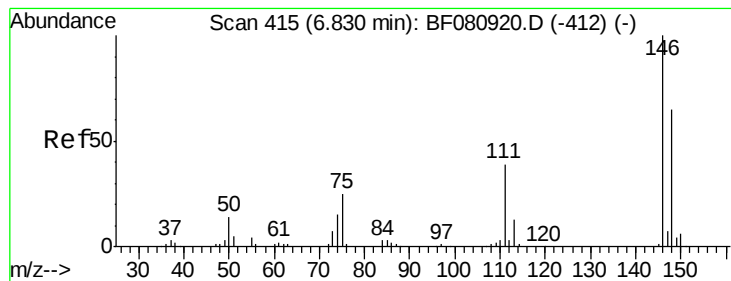
Tot Ion: 93 Resp: 137831
 Ion Ratio Lower Upper
 93 100
 63 87.7 76.7 116.7
 95 32.5 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 26.73 ng
 RT: 6.81 min Scan# 413
 Delta R.T. 0.06 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion: 146 Resp: 126907
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.0
 75 32.0 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 25.72 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF080971.D

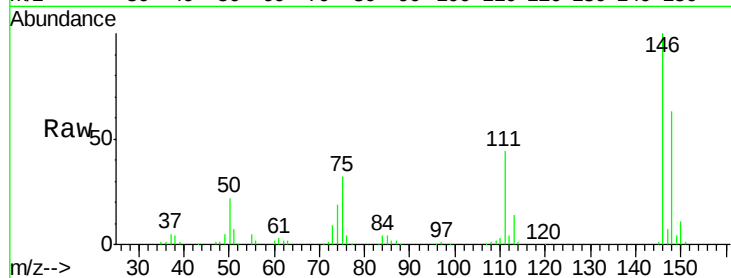
Acq: 11 Aug 2015 20:08

Instrument :

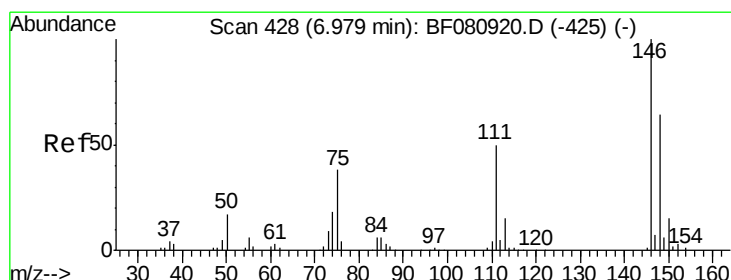
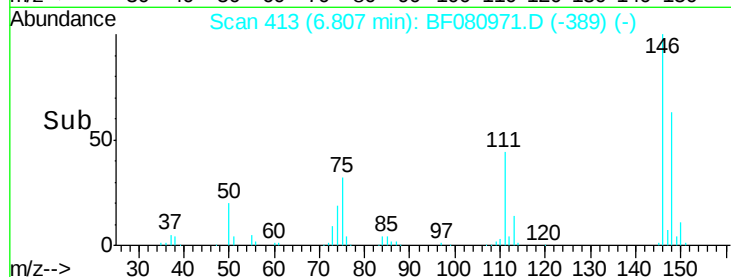
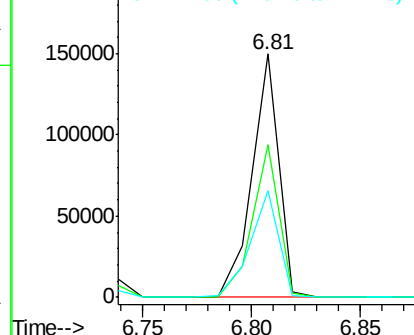
BNA_F

ClientSampleId :

Tot Ion:146	Resp:	126907
Ion Ratio	Lower	Upper
146	100	
148	62.9	52.2 78.4
111	44.0	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: 25.67 ng

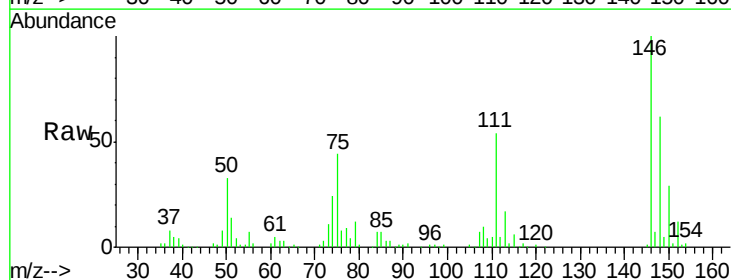
RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

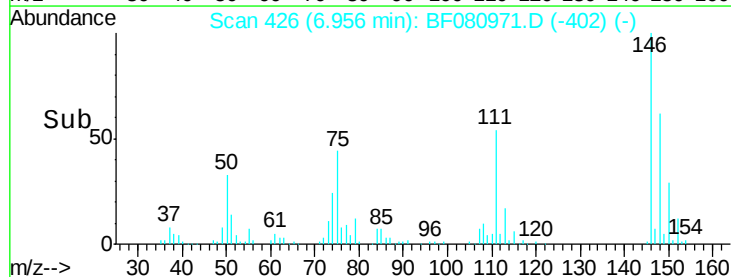
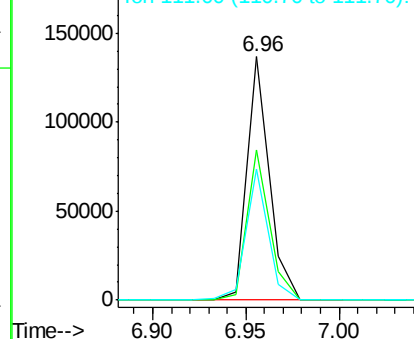
Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Tgt Ion:146	Resp:	114472
Ion Ratio	Lower	Upper
146	100	
148	61.6	51.1 76.7
111	53.8	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

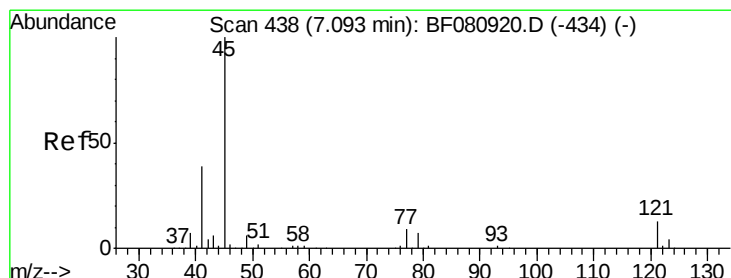
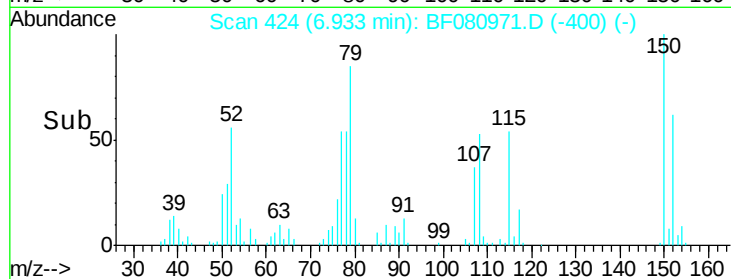
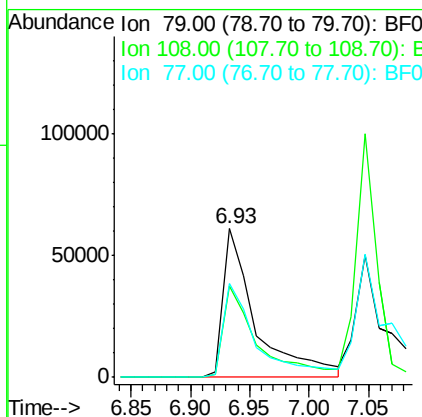
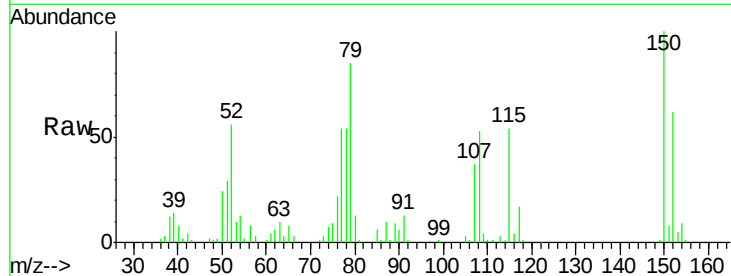




#15
Benzyl Alcohol
Concen: 26.65 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

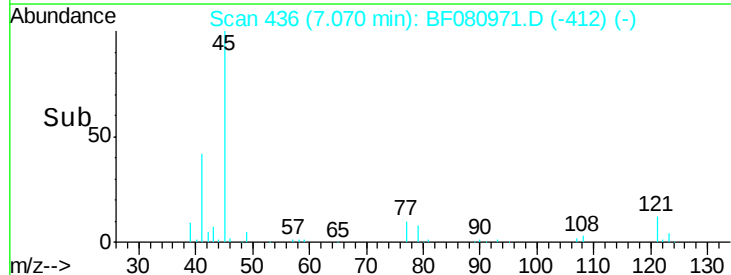
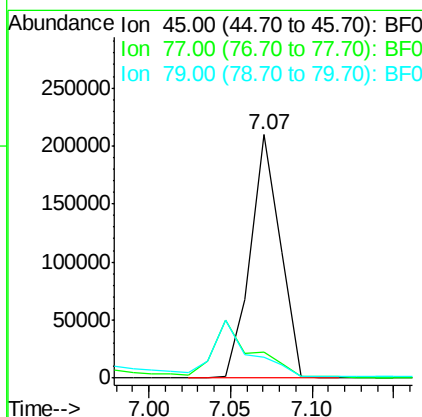
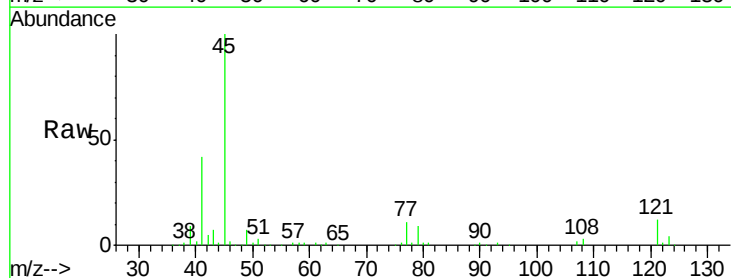
Instrument :
BNA_F
ClientSampled :

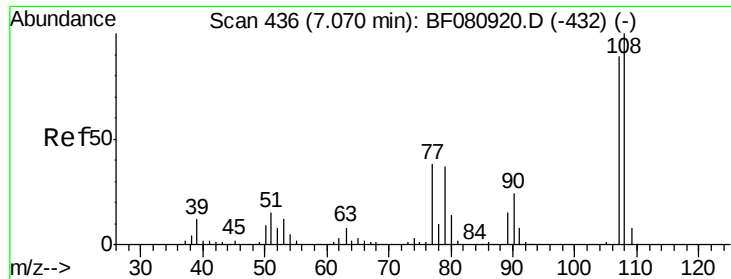
Tot Ion: 79 Resp: 115549
Ion Ratio Lower Upper
79 100
108 61.8 60.9 91.3
77 63.0 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.21 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion: 45 Resp: 266387
Ion Ratio Lower Upper
45 100
77 10.5 0.0 29.6
79 8.6 0.0 27.7

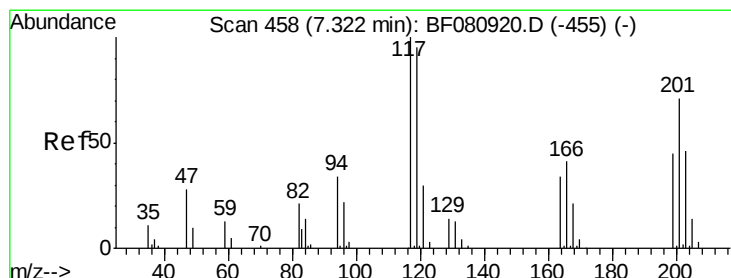
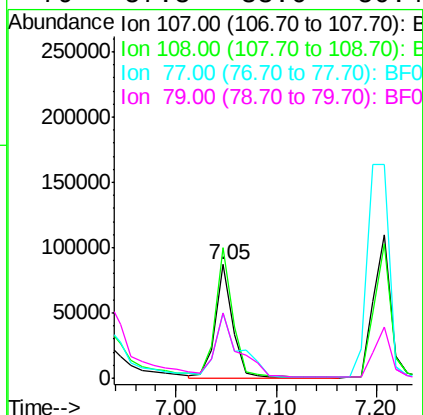
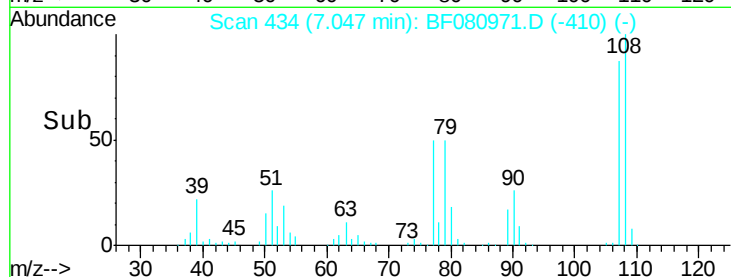
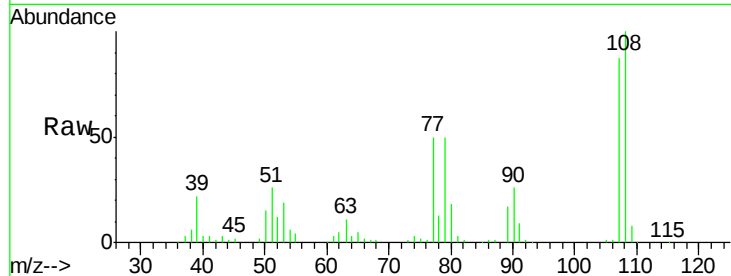




#17
2-Methylphenol
Concen: 28.12 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

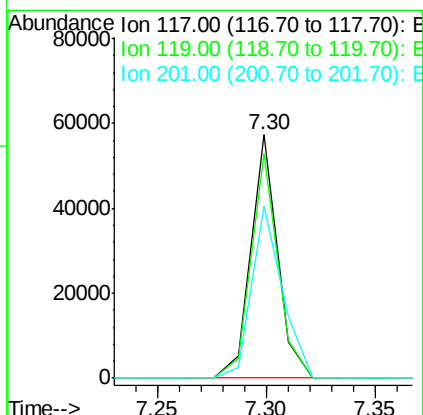
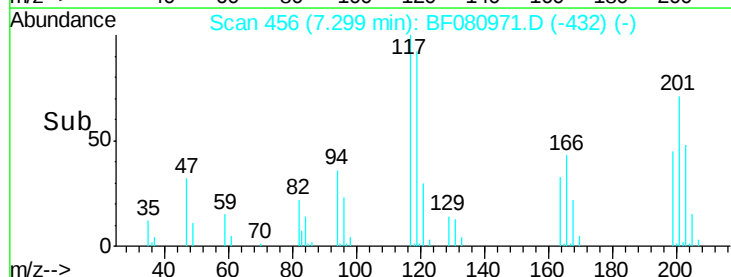
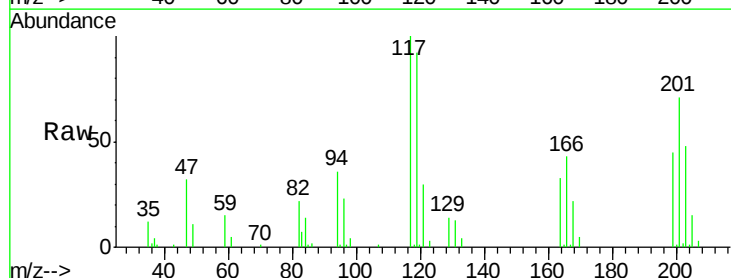
Instrument :
BNA_F
ClientSampled :

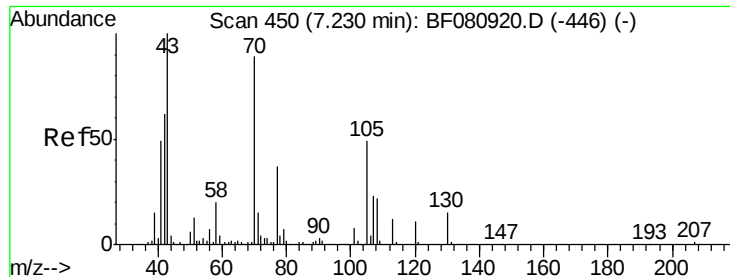
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.3	135.5
77	57.9	34.6	51.8#
79	57.8	33.6	50.4#



#18
Hexachloroethane
Concen: 25.90 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.3	114.5
201	70.8	57.0	85.6

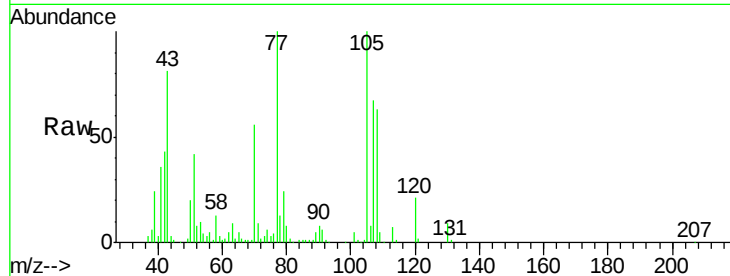




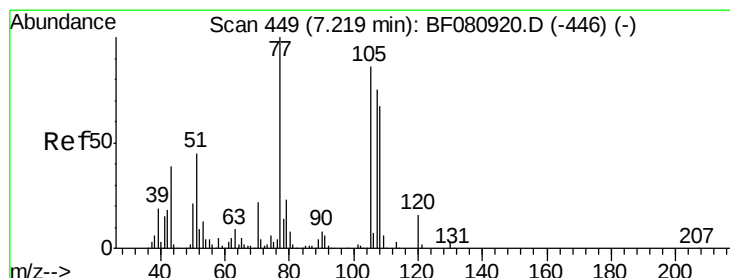
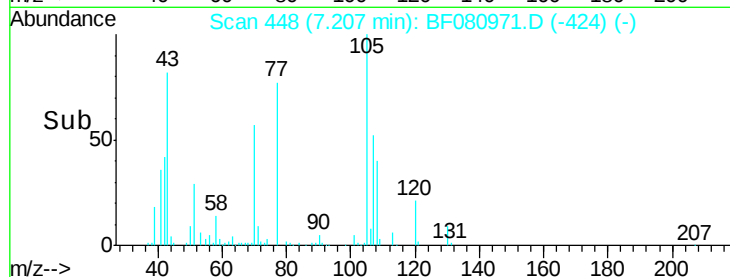
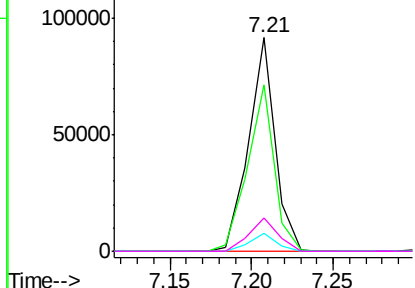
#19
n-Nitroso-di-n-propylamine
Concen: 26.63 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 103103
Ion Ratio Lower Upper
70 100
42 77.8 55.7 83.5
101 8.3 7.0 10.6
130 15.6 13.8 20.8



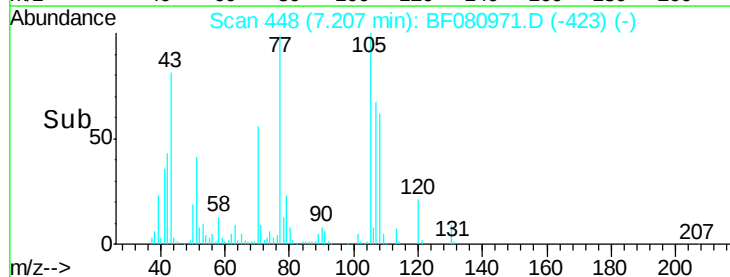
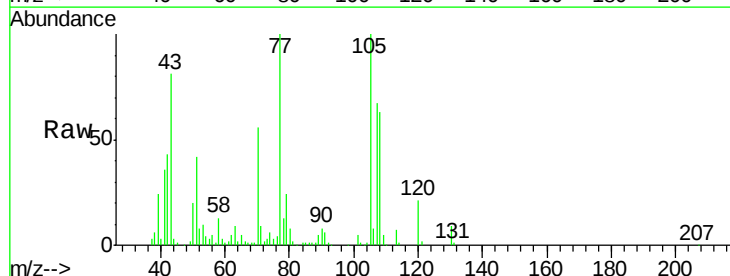
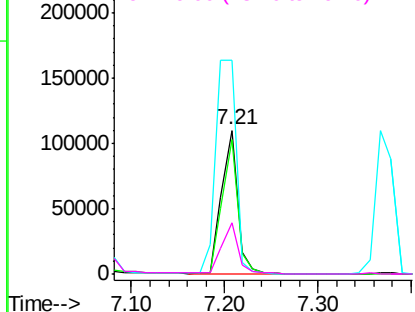
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

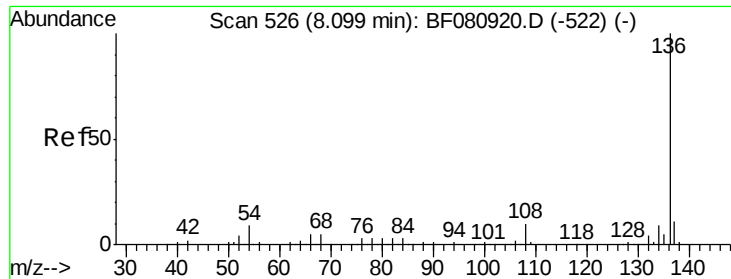


#20
3+4-Methylphenols
Concen: 27.98 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:107 Resp: 134204
Ion Ratio Lower Upper
107 100
108 93.3 69.2 109.2
77 148.4 113.0 153.0
79 35.8 10.3 50.3

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

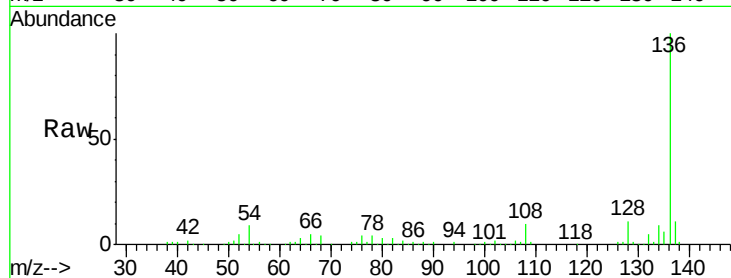




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	295127
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	8.9	7.1 10.7
68	4.3	3.8 5.8

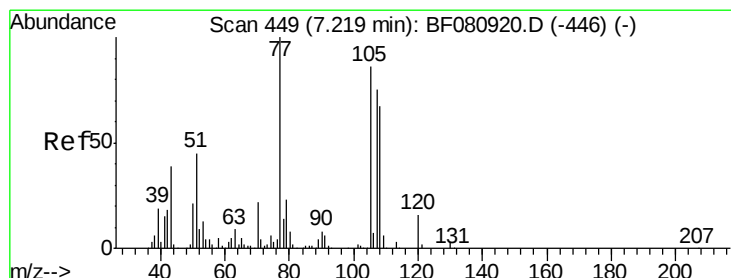
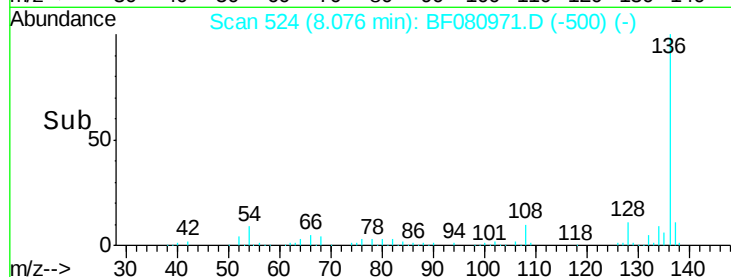
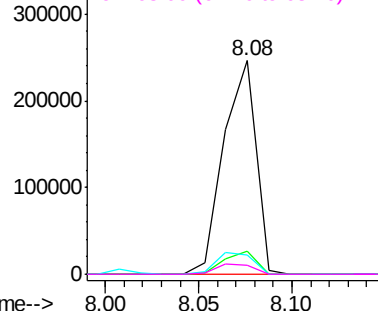


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

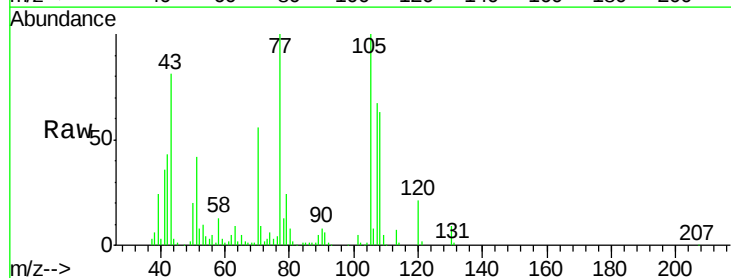
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 33.21 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:105	Resp:	240119
Ion Ratio	Lower	Upper
105	100	
71	9.1	3.3 4.9#
51	41.6	41.8 62.6#
120	20.5	15.1 22.7

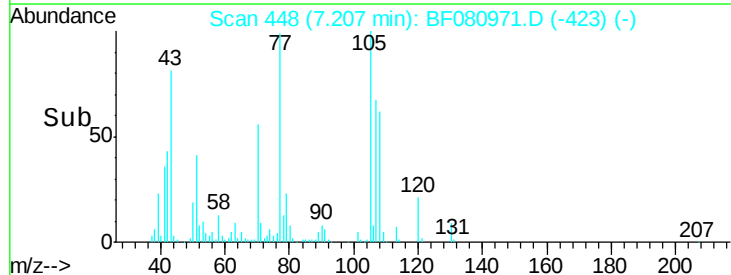
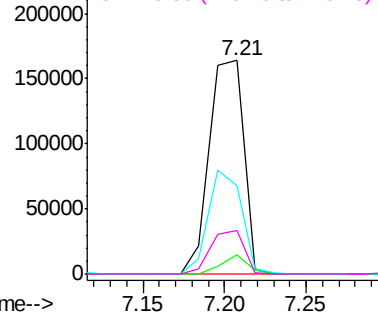


Abundance Ion 105.00 (104.70 to 105.70): E

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

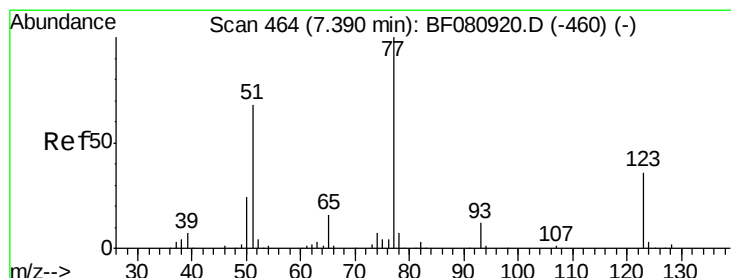
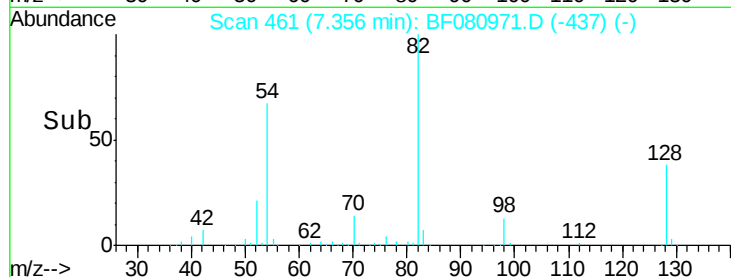
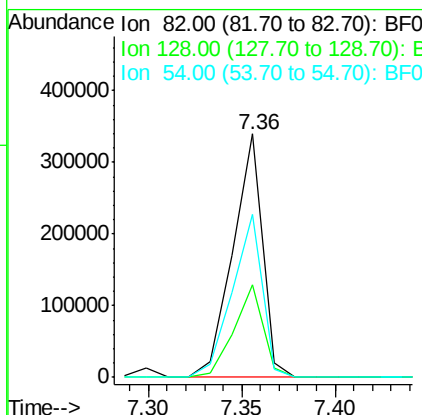
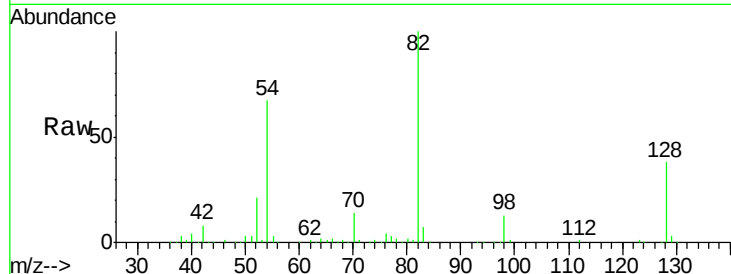




#23
 Nitrobenzene-d5
 Concen: 60.80 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

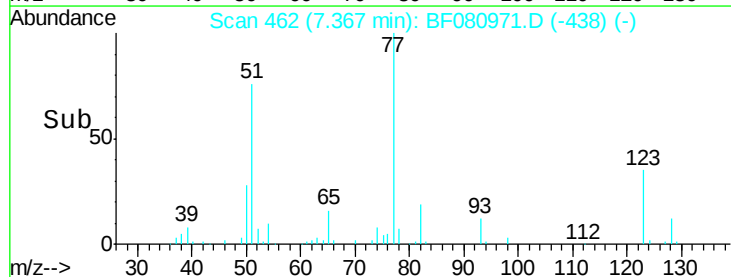
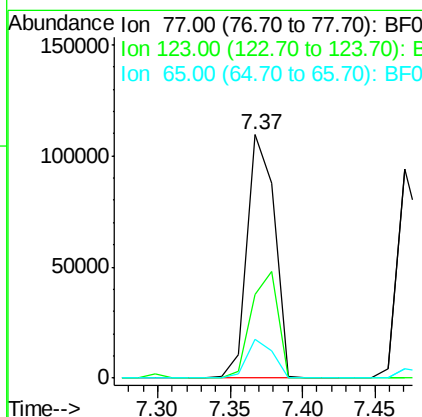
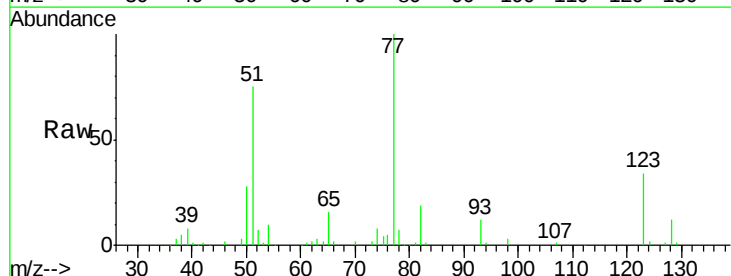
Instrument :
 BNA_F
 ClientSampleId :

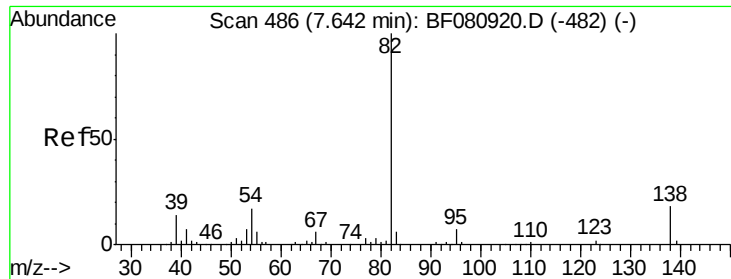
Tot Ion	82	Resp	379368
Ion Ratio	Lower	Upper	
82	100		
128	37.8	34.1	51.1
54	66.9	46.5	69.7



#24
 Nitrobenzene
 Concen: 22.40 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	77	Resp	143901
Ion Ratio	Lower	Upper	
77	100		
123	34.3	28.7	43.1
65	15.9	12.5	18.7





#25

Isophorone

Concen: 28.21 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

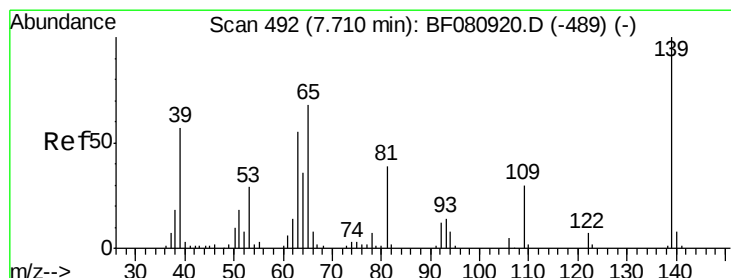
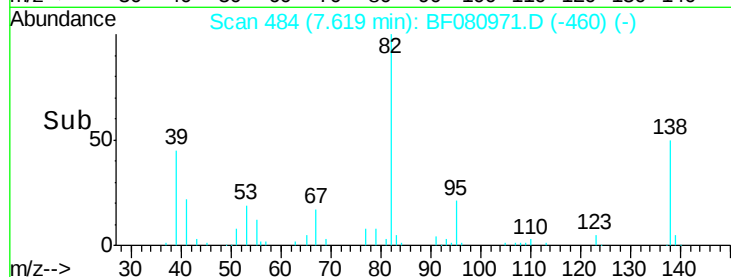
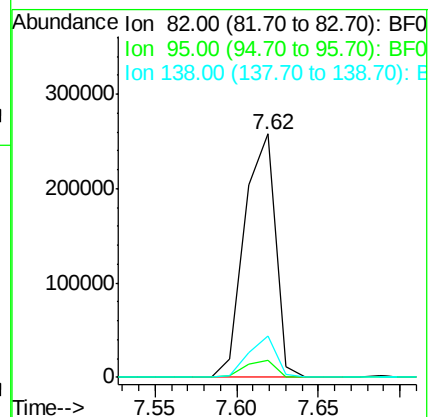
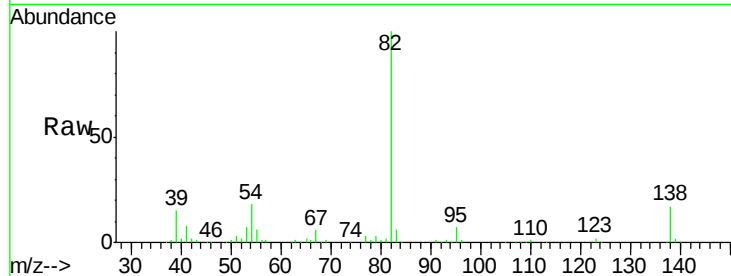
Tot Ion: 82 Resp: 338494

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 17.1 14.1 21.1



#26

2-Nitrophenol

Concen: 28.38 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

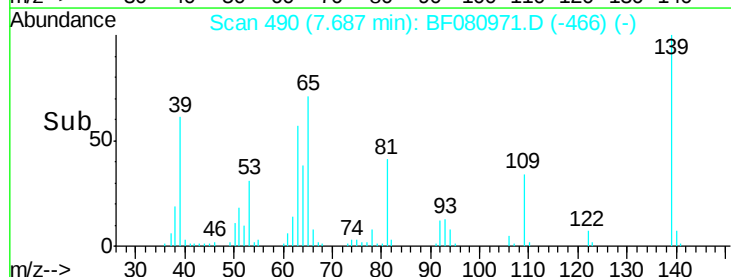
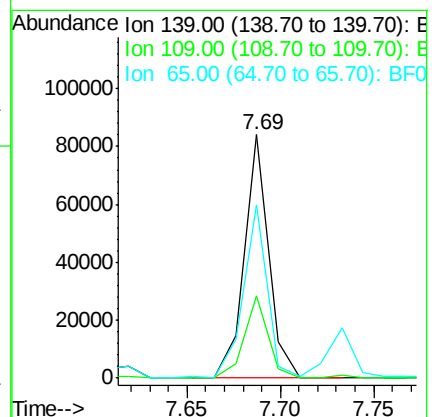
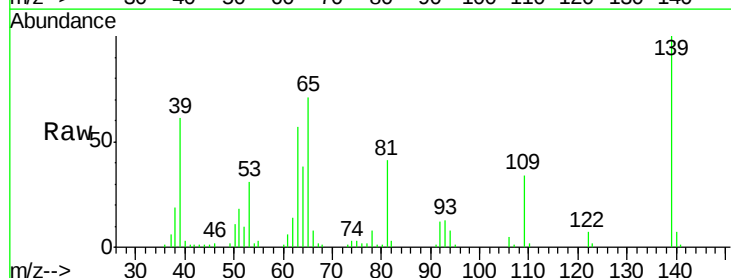
Tgt Ion: 139 Resp: 76725

Ion Ratio Lower Upper

139 100

109 34.0 24.1 36.1

65 71.1 54.0 81.0

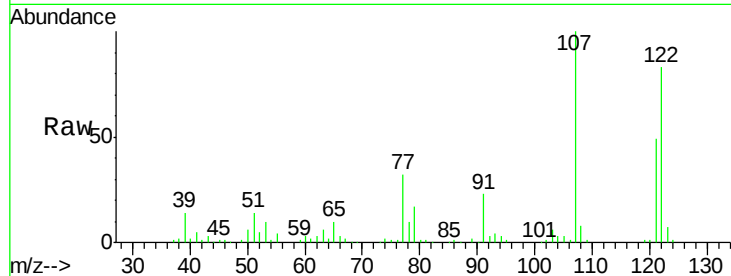




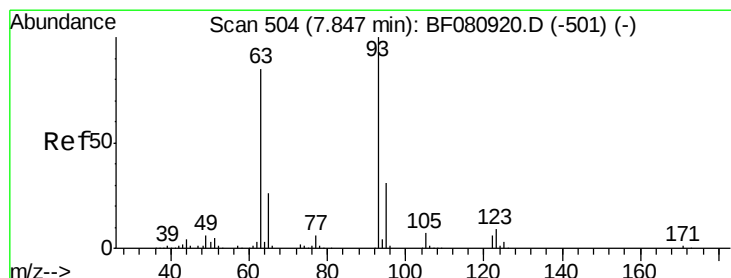
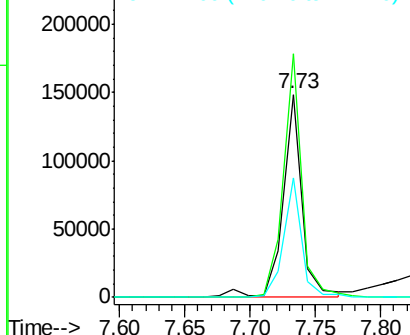
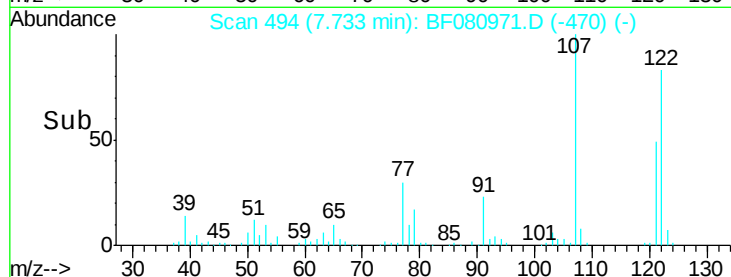
#27
 2,4-Dimethylphenol
 Concen: 29.95 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 151584
 Ion Ratio Lower Upper
 122 100
 107 119.9 90.2 135.4
 121 58.7 46.0 69.0

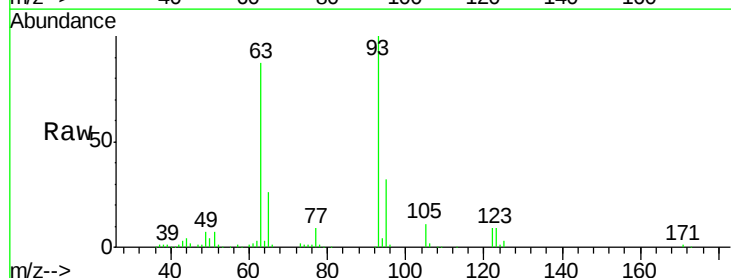


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

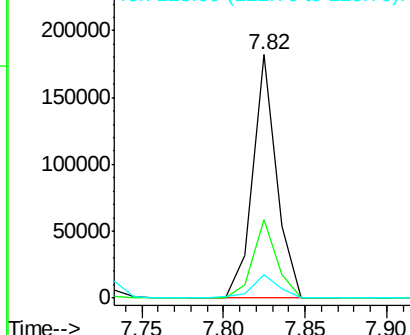
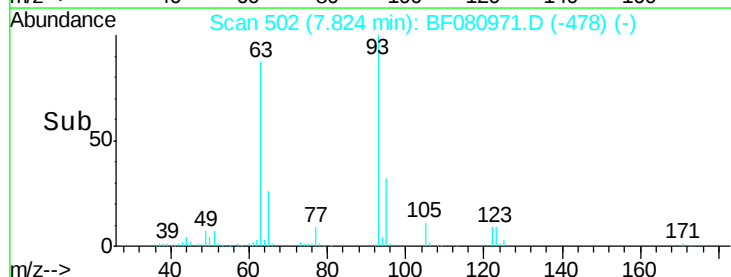


#28
 bis(2-Chloroethoxy)methane
 Concen: 25.63 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion: 93 Resp: 184653
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.0 37.4
 123 9.4 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

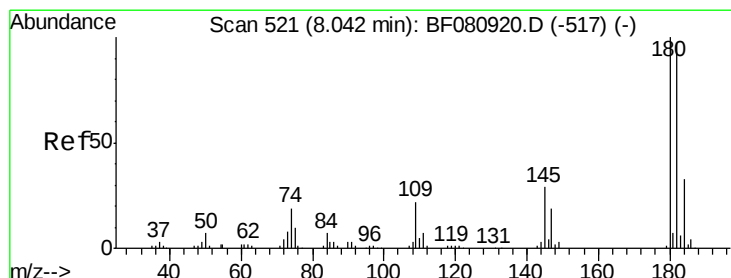
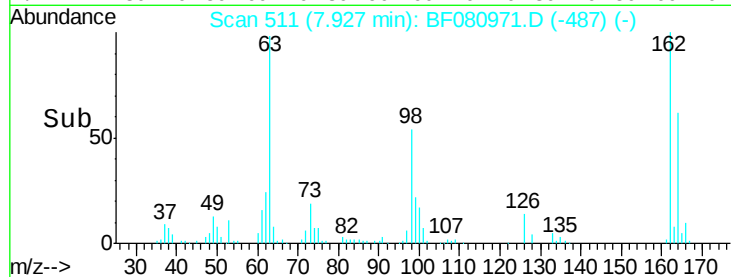
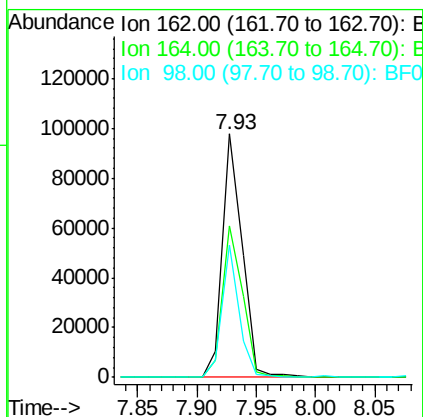
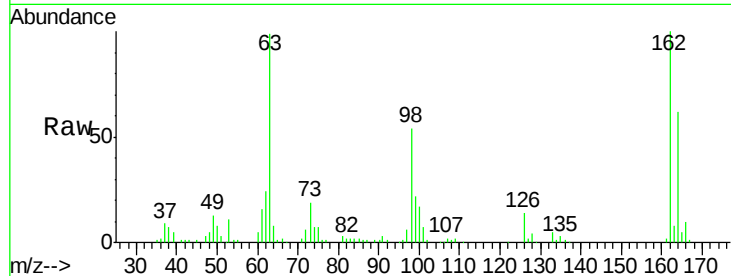




#29
 2,4-Dichlorophenol
 Concen: 26.98 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

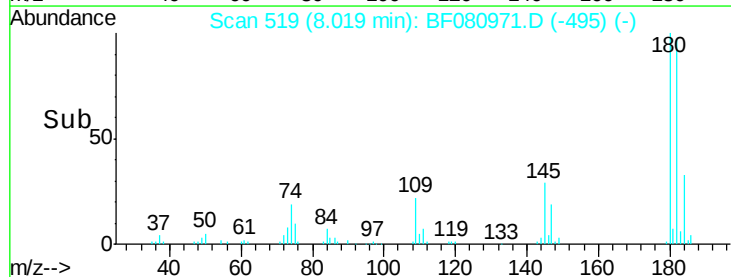
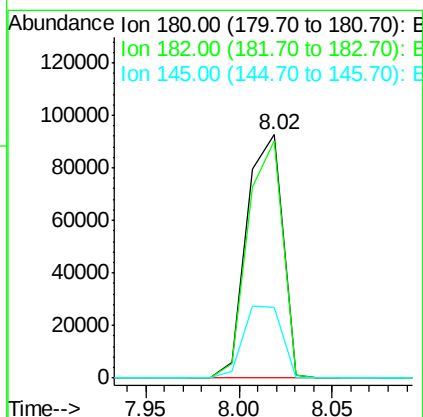
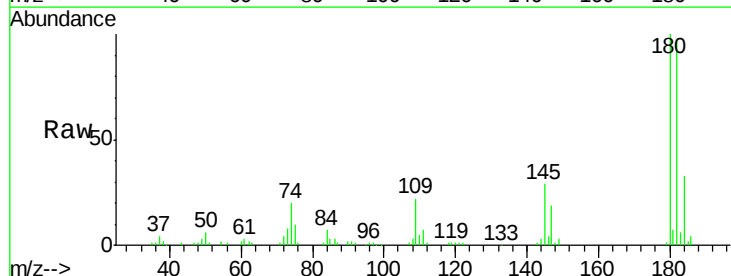
Instrument :
 BNA_F
 ClientSampleId :

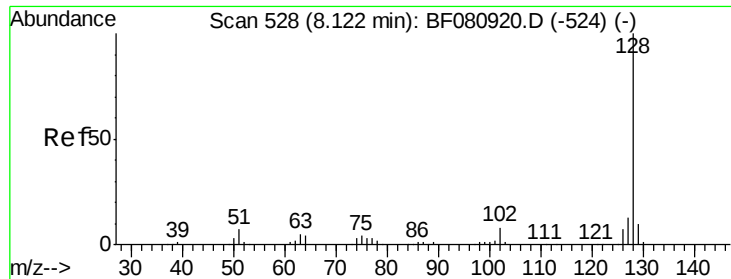
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	42.3	82.3
98	54.1	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 27.04 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.0
145	29.0	23.2	34.8

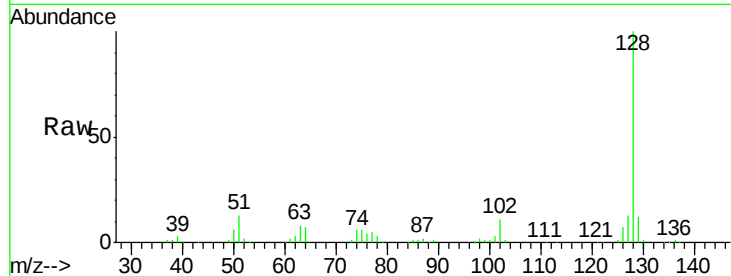




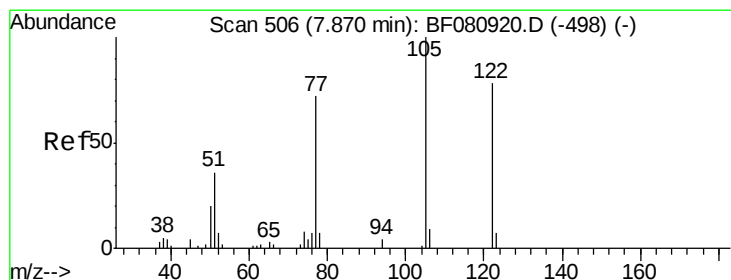
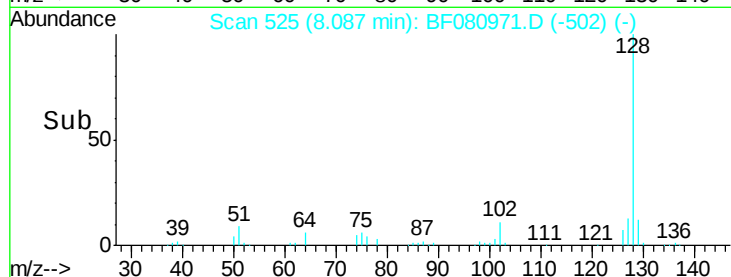
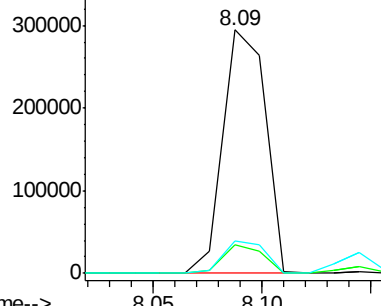
#31
Naphthalene
Concen: 24.70 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 401762
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.2 10.5 15.7

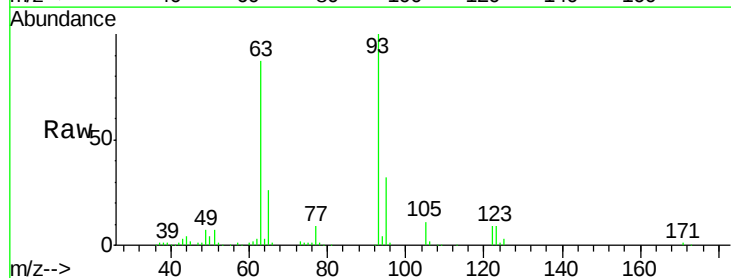


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

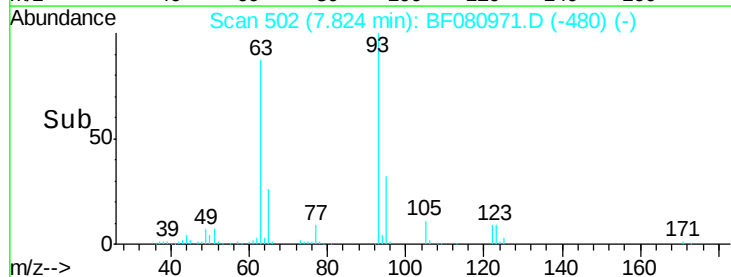
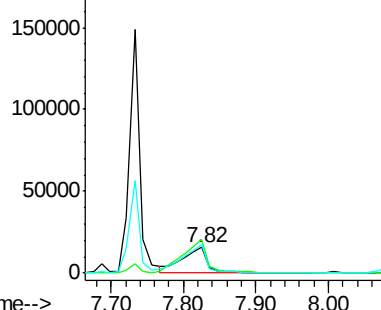


#32
Benzoic acid
Concen: 13.26 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:122 Resp: 40167
Ion Ratio Lower Upper
122 100
105 128.8 103.6 143.6
77 108.5 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

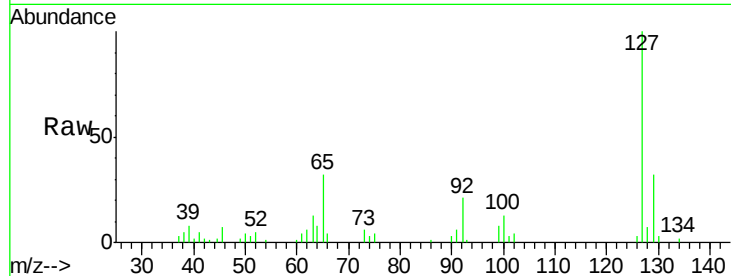




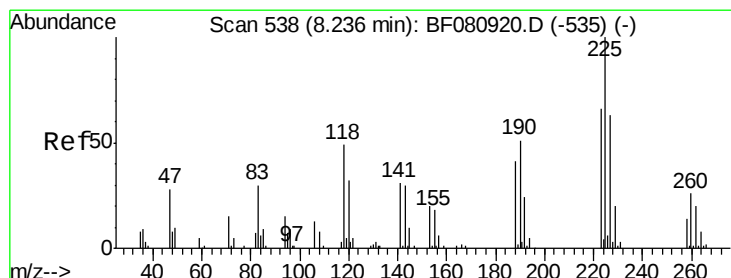
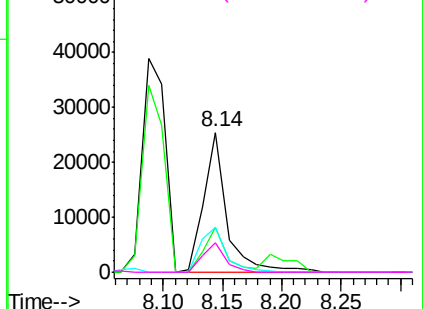
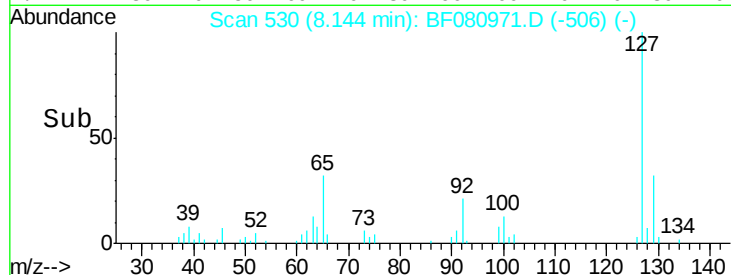
#33
 4-Chloroaniline
 Concen: 5.23 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:127	Resp:	34591
Ion	Ratio	Lower Upper
127	100	
129	32.2	25.9 38.9
65	32.3	30.6 45.8
92	20.6	16.9 25.3

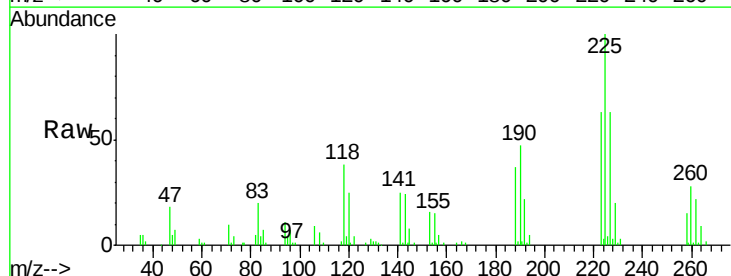


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

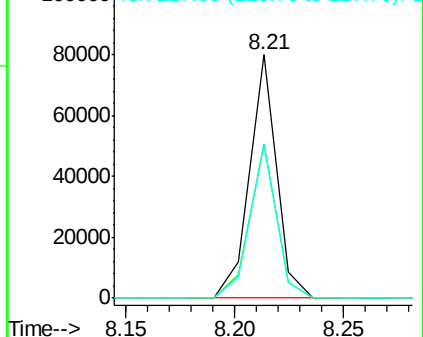
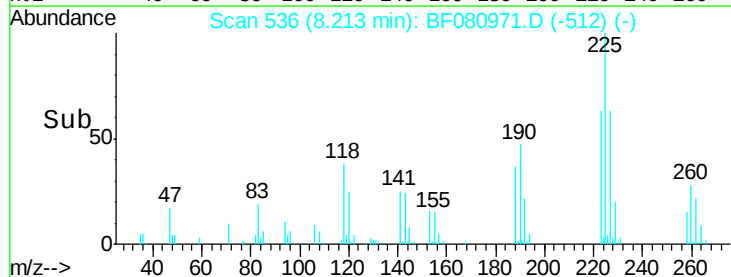


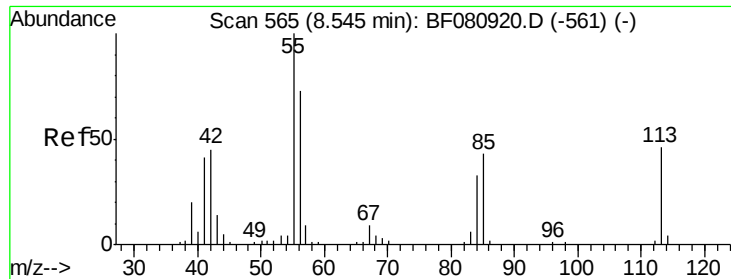
#34
 Hexachlorobutadiene
 Concen: 25.47 ng
 RT: 8.21 min Scan# 536
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion:225	Resp:	68893
Ion	Ratio	Lower Upper
225	100	
223	63.2	52.5 78.7
227	63.0	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

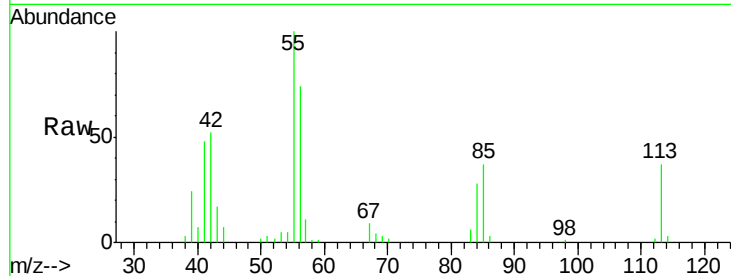




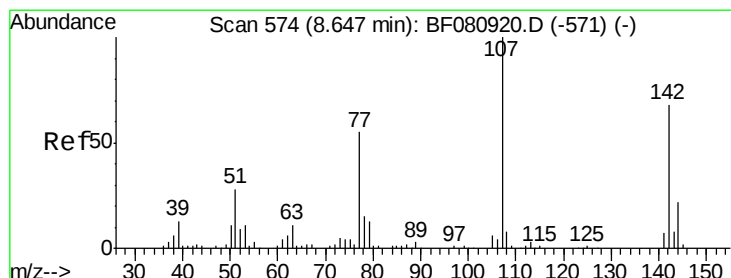
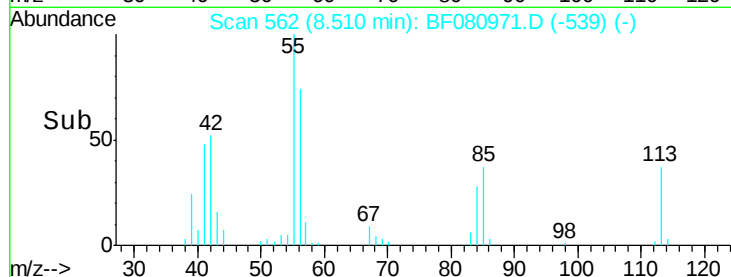
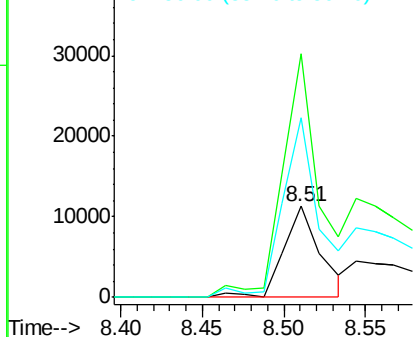
#35
 Caprolactam
 Concen: 11.79 ng
 RT: 8.51 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 17631
 Ion Ratio Lower Upper
 113 100
 55 268.5 196.4 236.4#
 56 197.8 137.9 177.9#

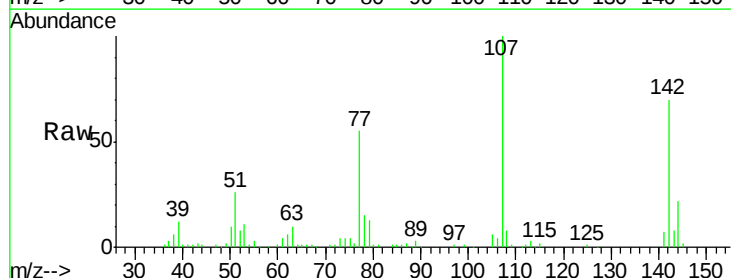


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

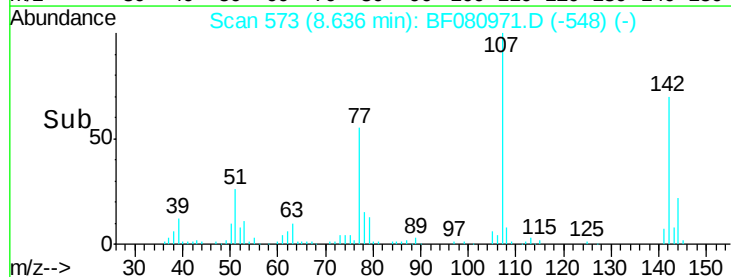
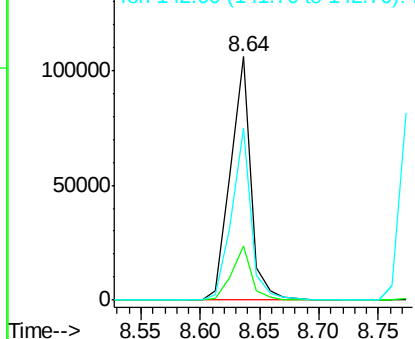


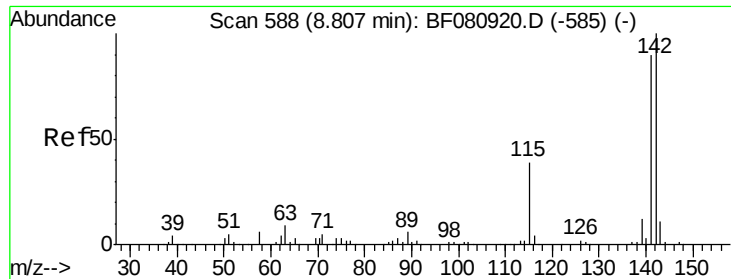
#36
 4-Chloro-3-methylphenol
 Concen: 24.78 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion:107 Resp: 125750
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.3 25.9
 142 70.4 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

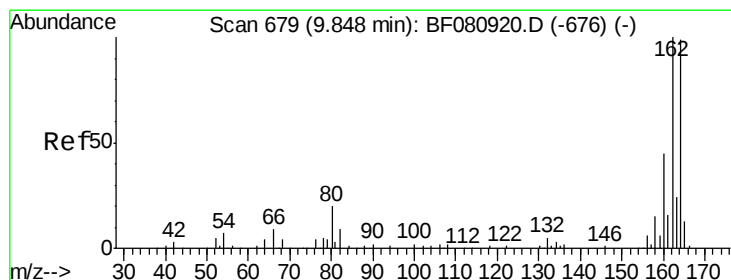
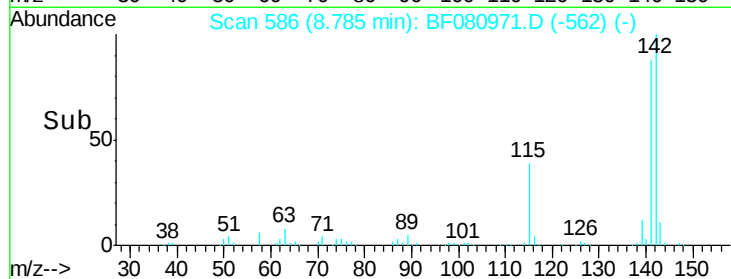
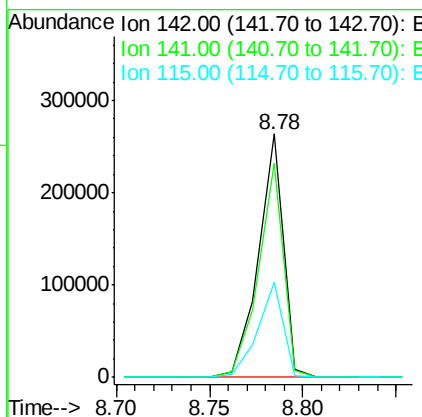
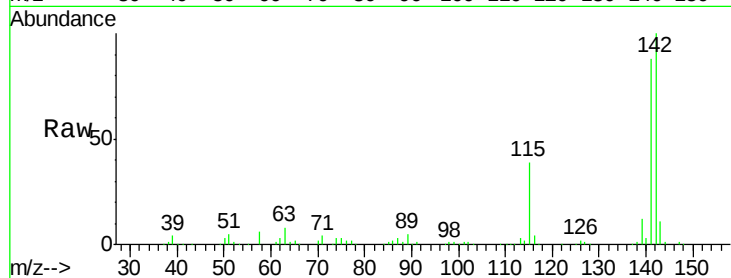




#37
 2-Methylnaphthalene
 Concen: 23.88 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

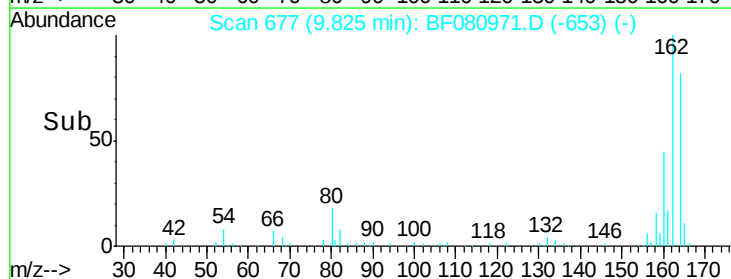
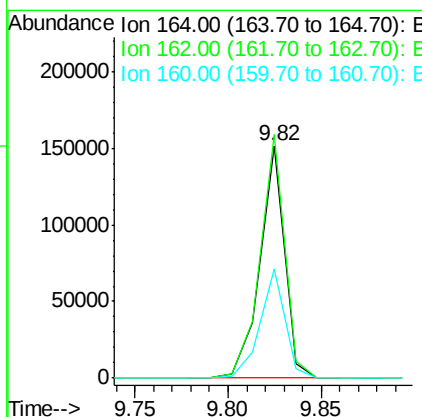
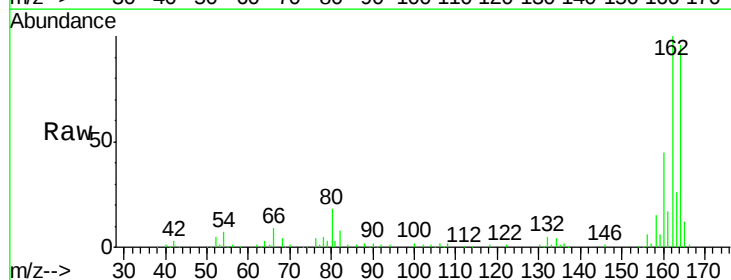
Instrument :
 BNA_F
 ClientSampleId :

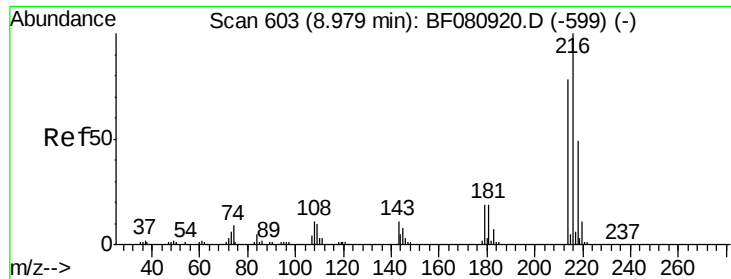
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.7	107.5
115	39.3	30.9	46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	80.5	120.7
160	46.7	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.52 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 145793

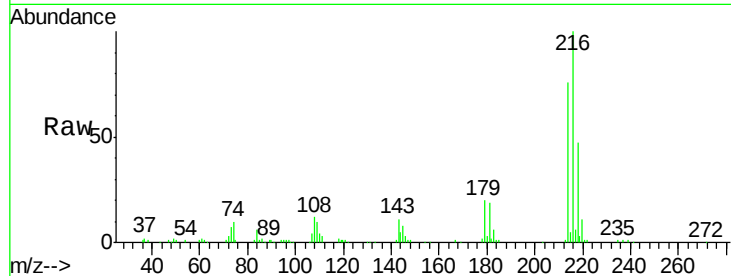
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 21.5 17.2 25.8

108 21.7 16.1 24.1

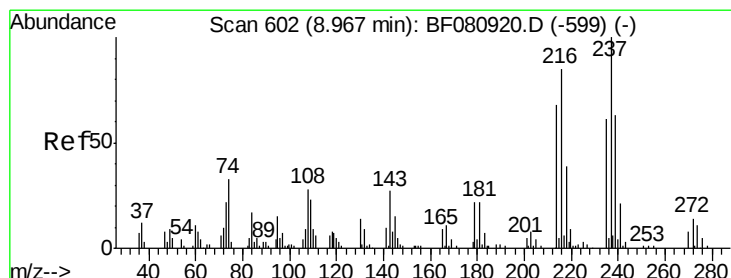
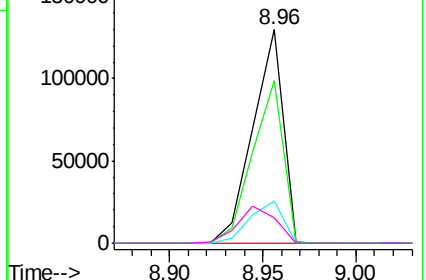
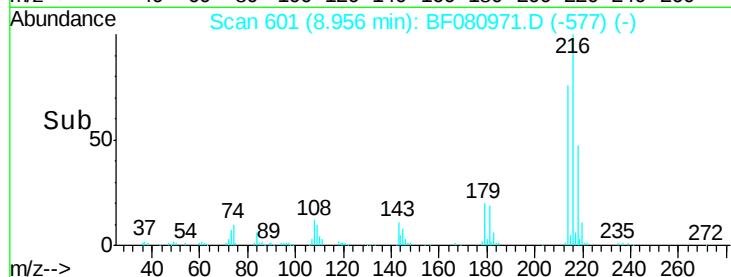


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.61 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

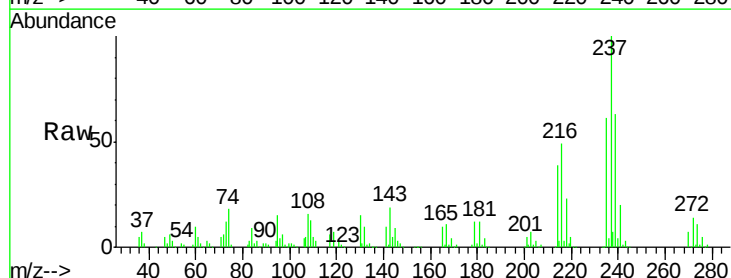
Tgt Ion:237 Resp: 151208

Ion Ratio Lower Upper

237 100

235 61.4 41.3 81.3

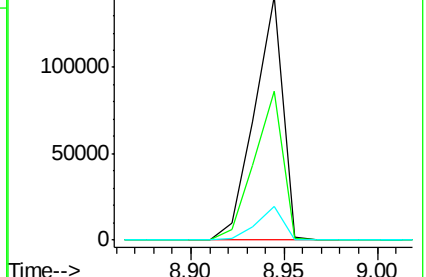
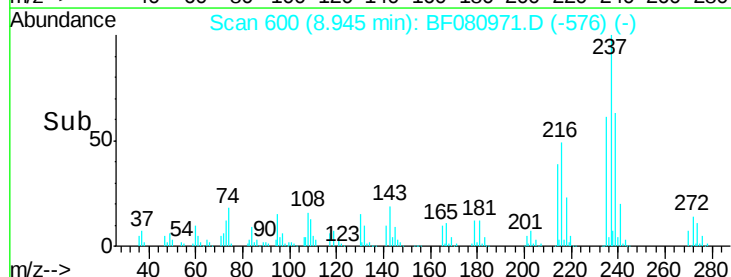
272 13.7 0.0 33.6

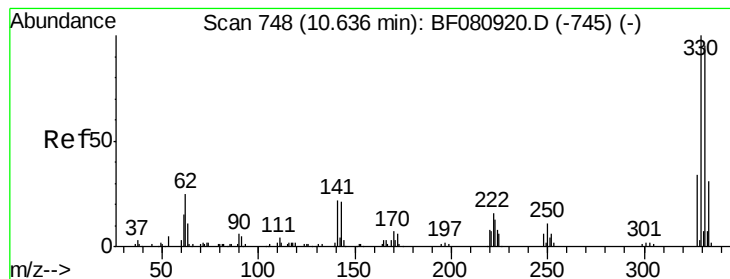


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

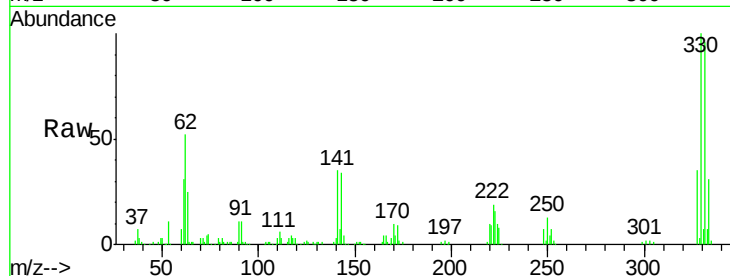




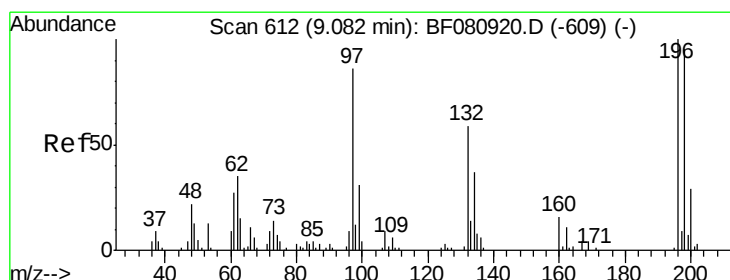
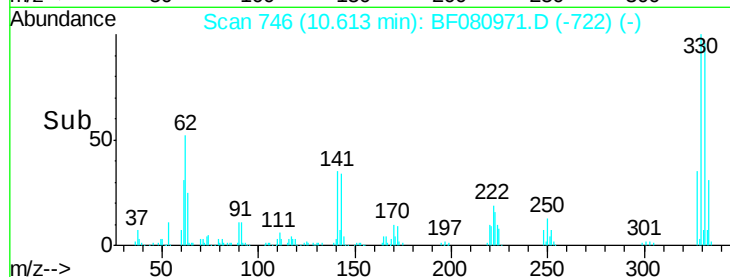
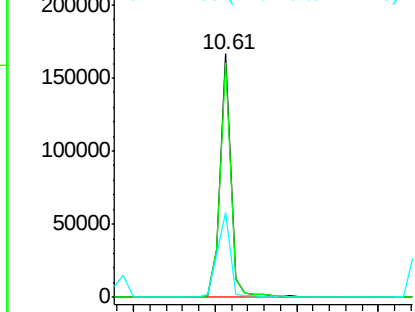
#41
 2,4,6-Tribromophenol
 Concen: 102.75 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	42.1	27.8	41.8#



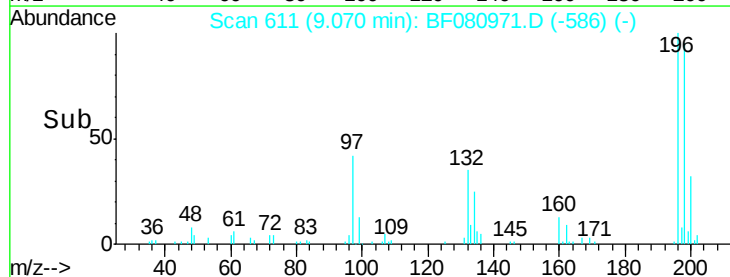
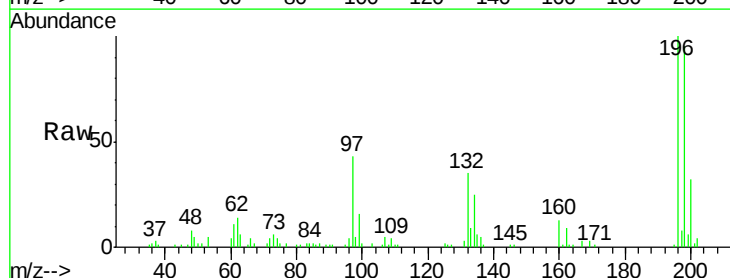
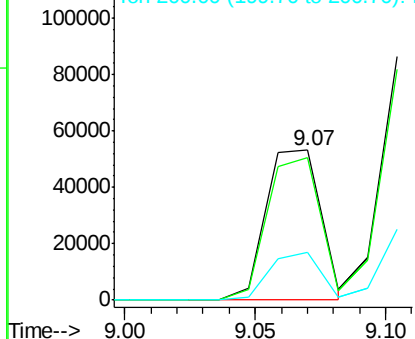
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

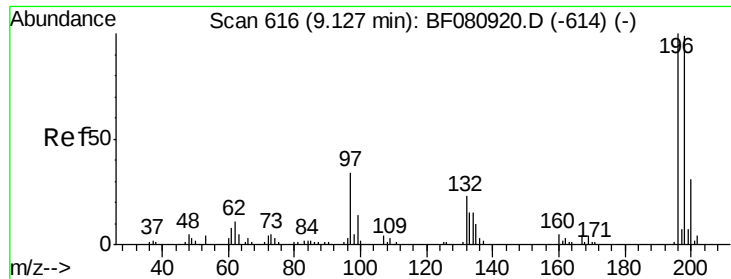


#42
 2,4,6-Trichlorophenol
 Concen: 25.19 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.9	113.9
200	31.5	23.1	34.7

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

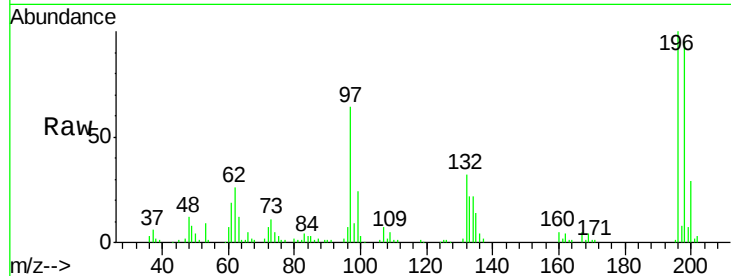




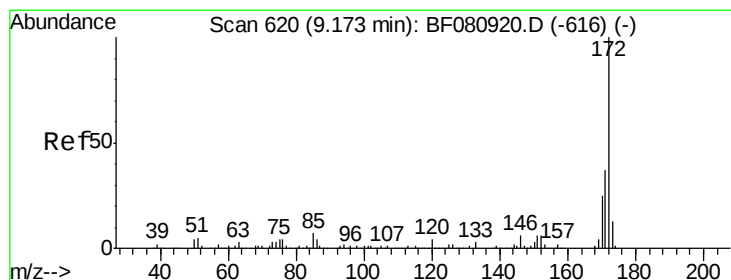
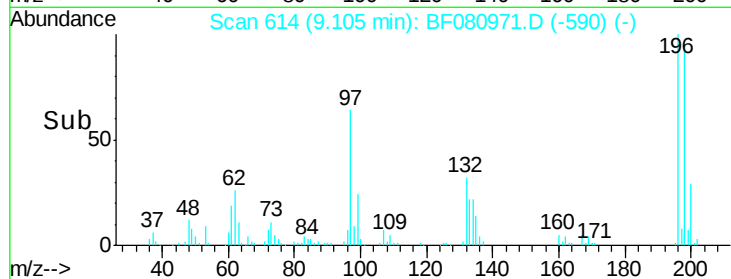
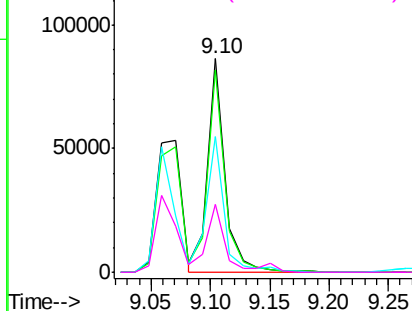
#43
 2,4,5-Trichlorophenol
 Concen: 28.29 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.9	118.3
97	63.6	29.1	43.7#
132	32.1	19.1	28.7#

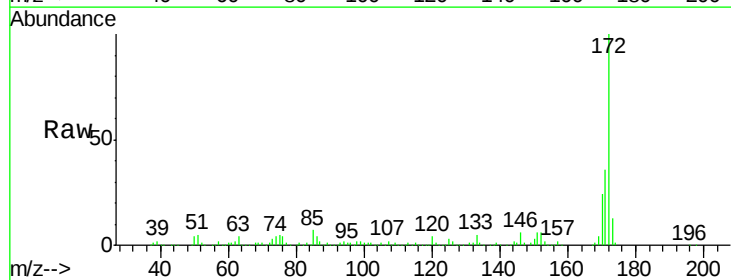


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

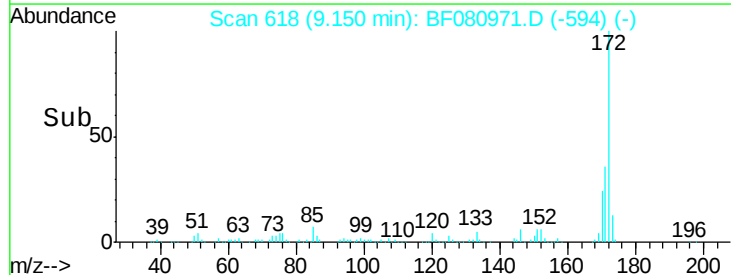
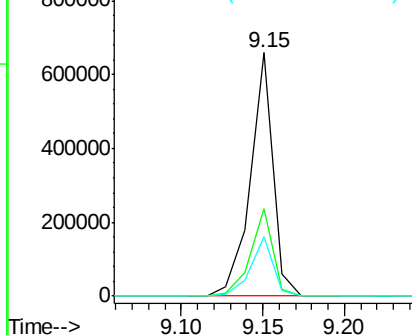


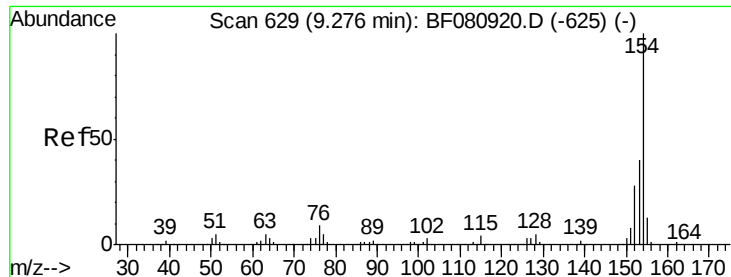
#44
 2-Fluorobiphenyl
 Concen: 64.99 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	19.7	29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

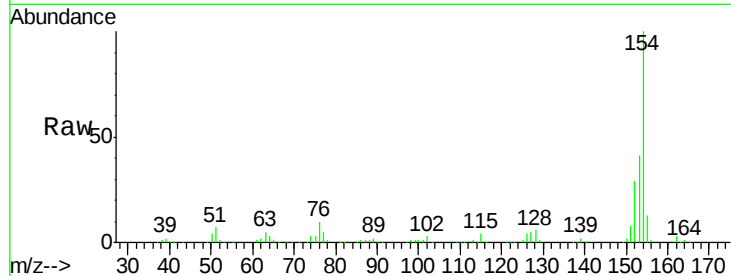




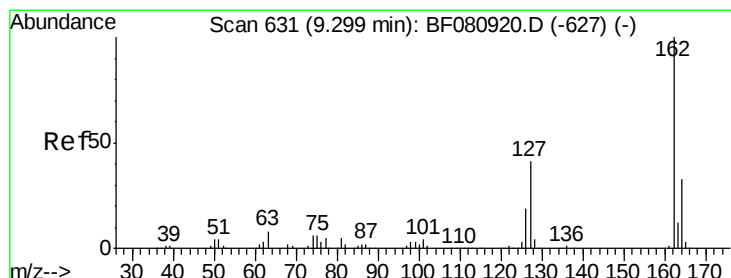
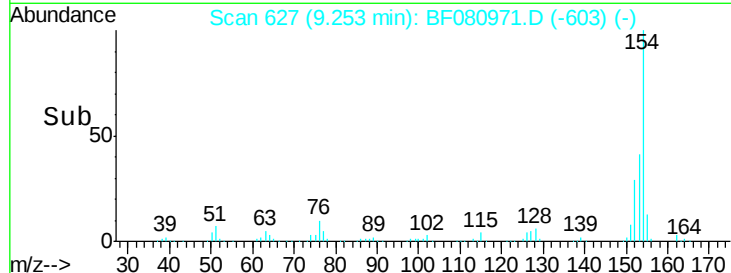
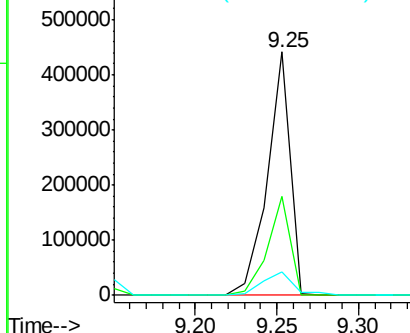
#45
 1,1'-Biphenyl
 Concen: 36.54 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 429611
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.1 60.1
 76 9.6 0.0 29.3

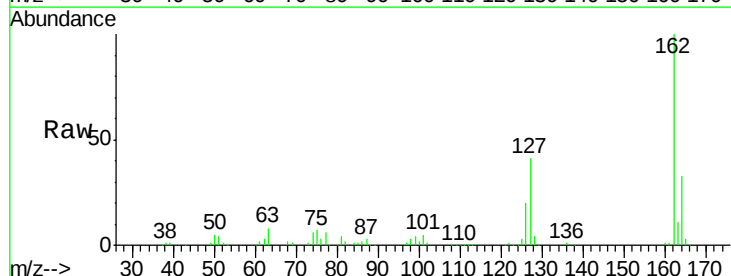


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

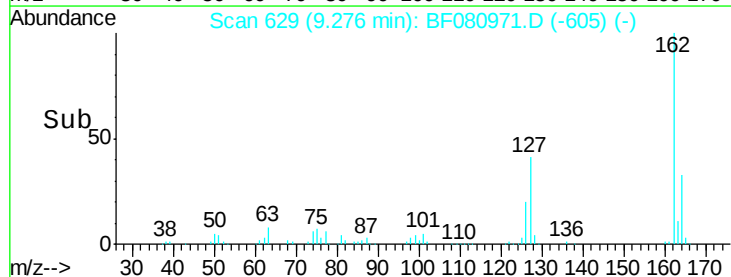
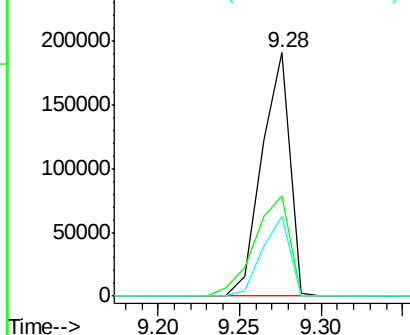


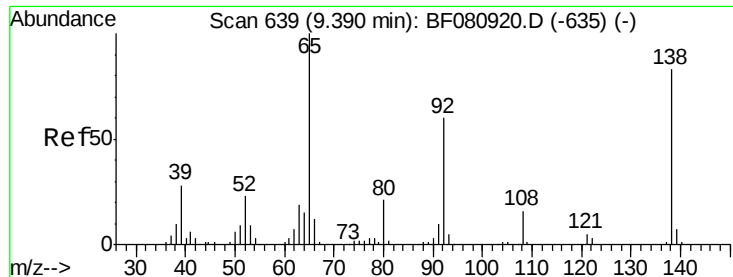
#46
 2-Chloronaphthalene
 Concen: 24.81 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion:162 Resp: 227414
 Ion Ratio Lower Upper
 162 100
 127 41.2 32.5 48.7
 164 32.6 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

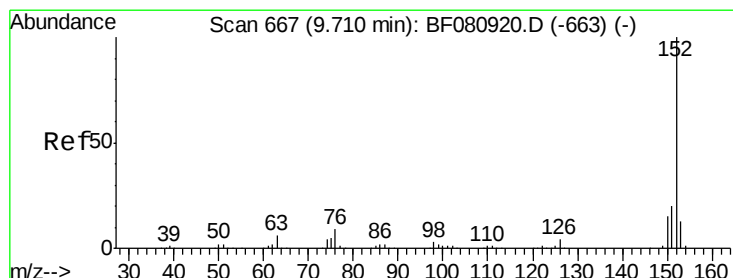
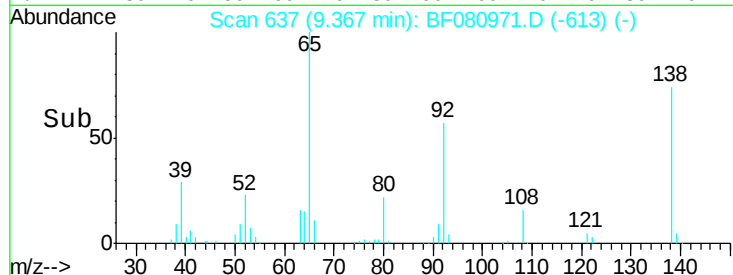
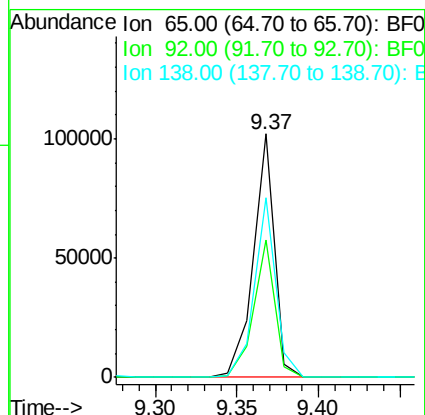
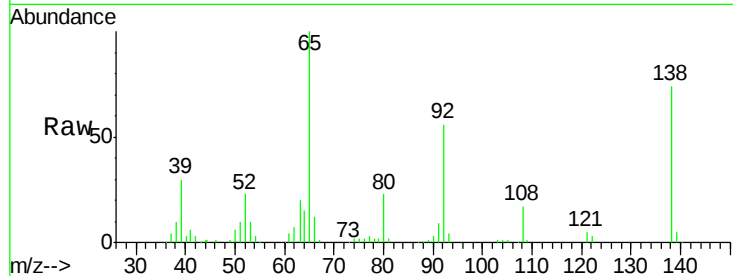




#47
 2-Nitroaniline
 Concen: 24.96 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

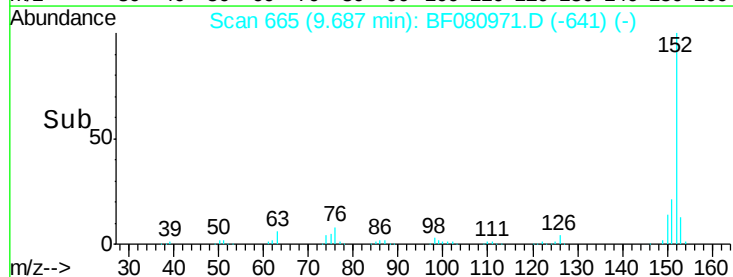
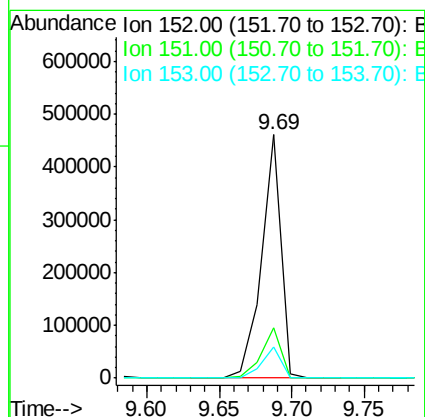
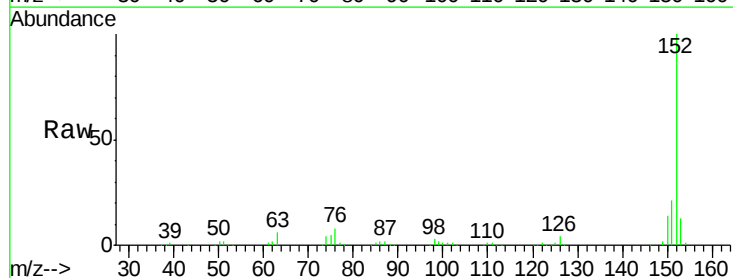
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 91730
 Ion Ratio Lower Upper
 65 100
 92 56.3 48.0 72.0
 138 73.7 66.1 99.1



#48
 Acenaphthylene
 Concen: 26.69 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion: 152 Resp: 425374
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 12.7 10.5 15.7

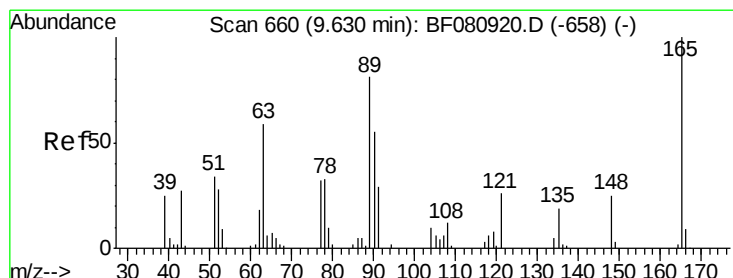
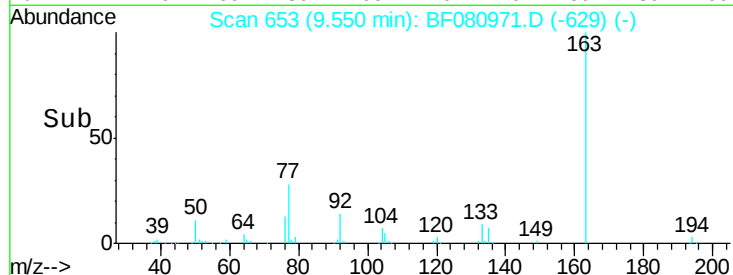
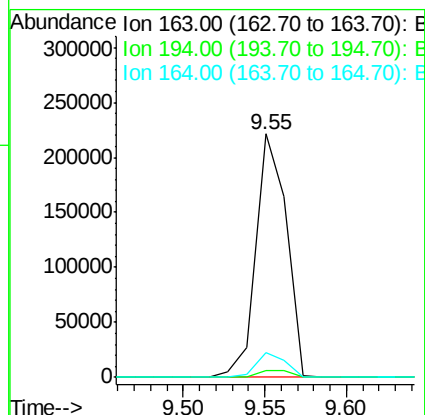
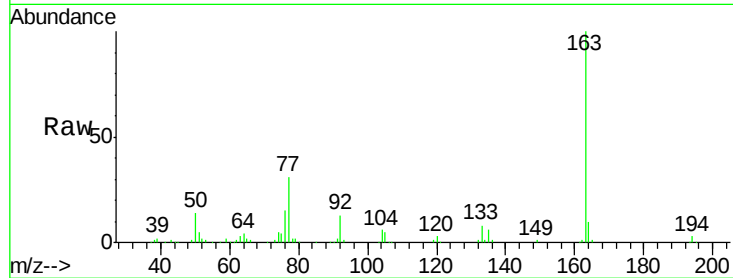




#49
Dimethylphthalate
Concen: 25.21 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

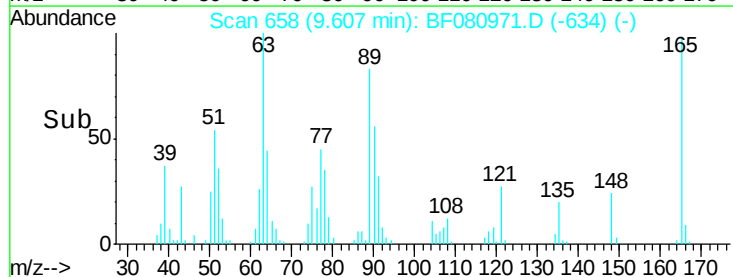
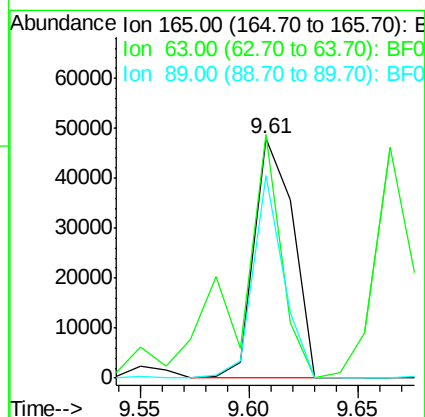
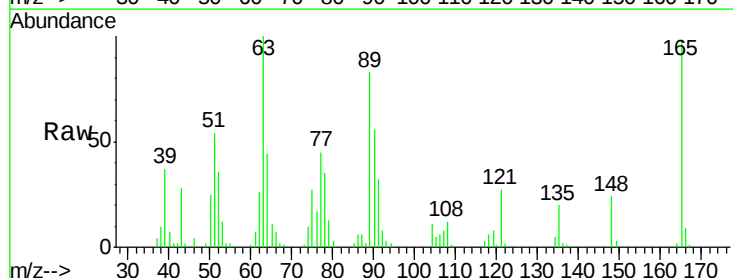
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 286952
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.3 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 25.44 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:165 Resp: 59813
Ion Ratio Lower Upper
165 100
63 101.8 77.6 116.4
89 84.9 64.5 96.7





#51

Acenaphthene

Concen: 29.08 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

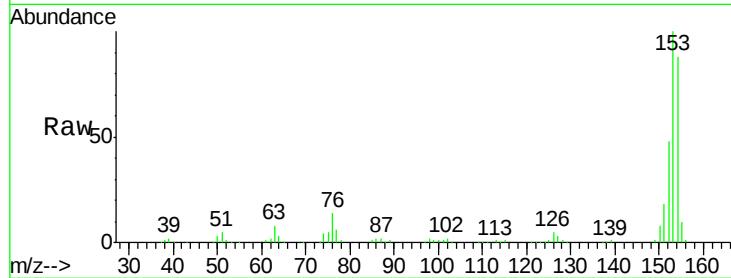
Tot Ion:154 Resp: 283865

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

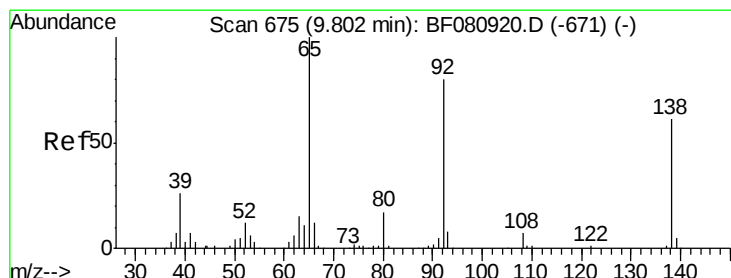
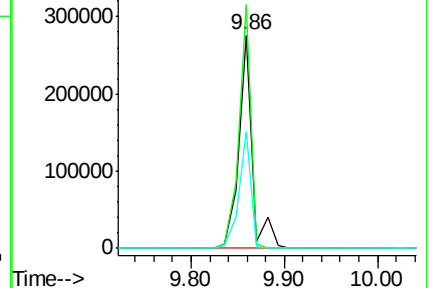
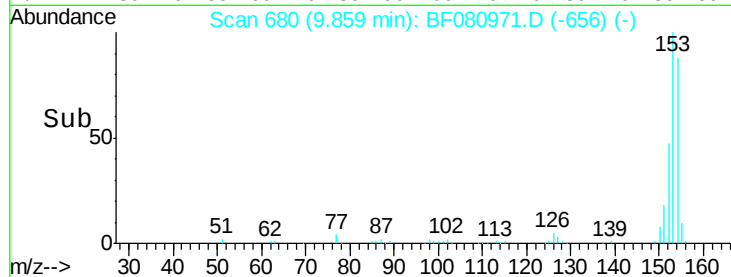
152 54.5 44.2 66.4



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: 7.97 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

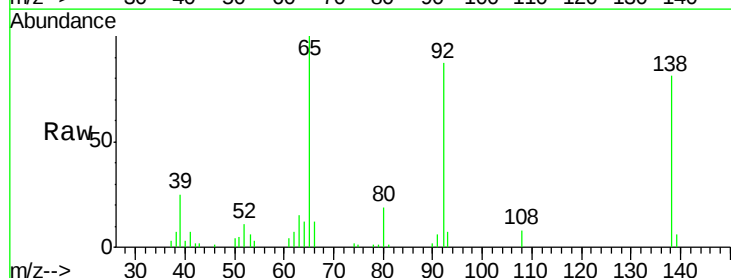
Tgt Ion:138 Resp: 23109

Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

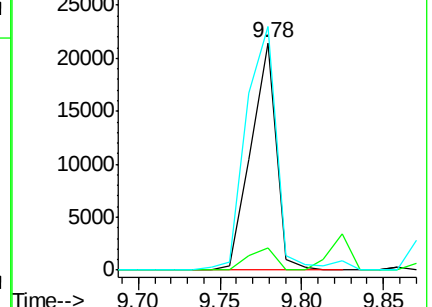
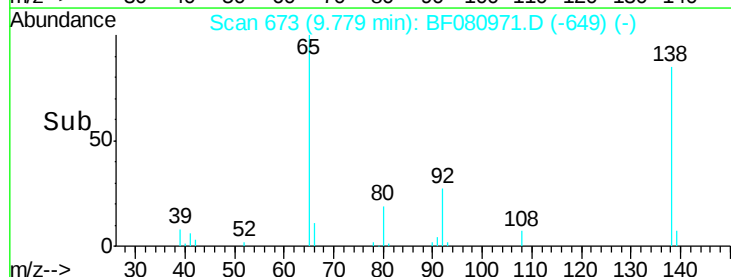
92 107.0 104.4 156.6

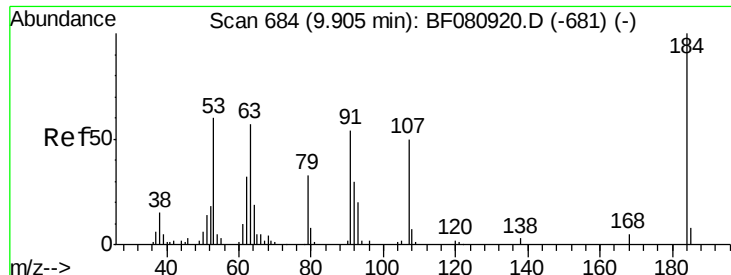


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

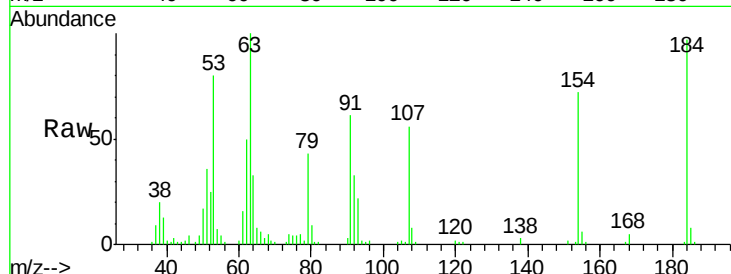




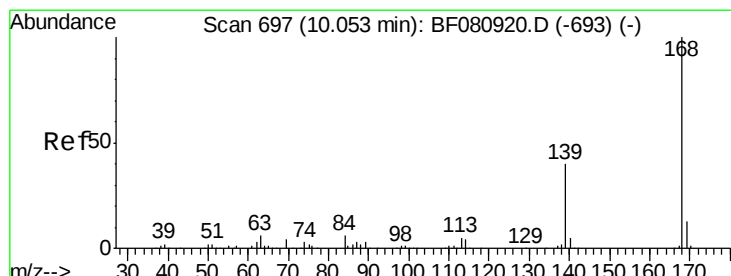
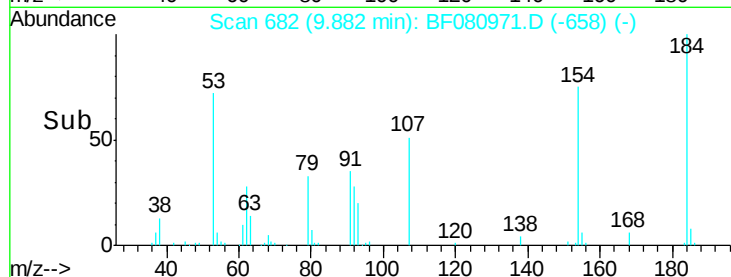
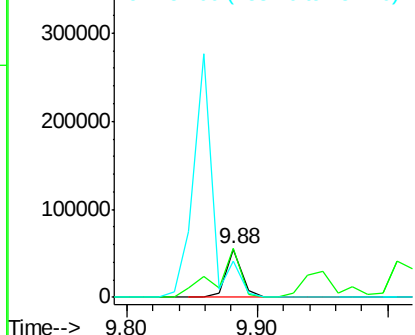
#53
2,4-Dinitrophenol
Concen: 37.07 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 47846
Ion Ratio Lower Upper
184 100
63 103.5 59.7 89.5#
154 74.8 53.8 80.8

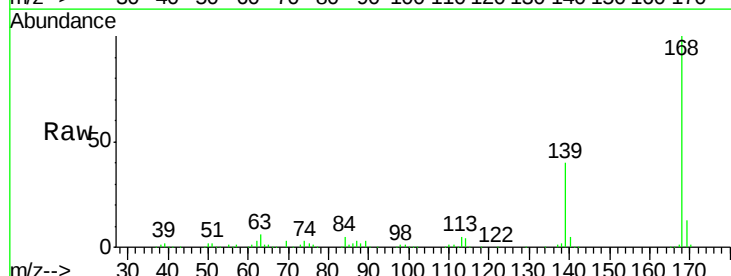


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

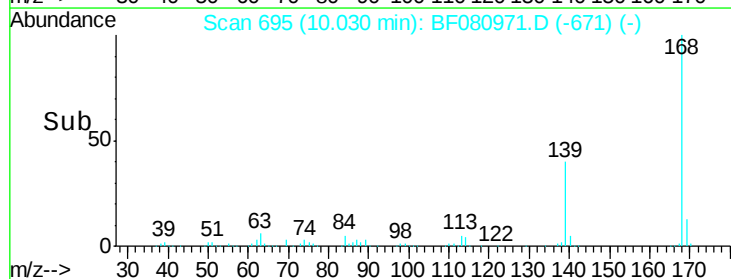
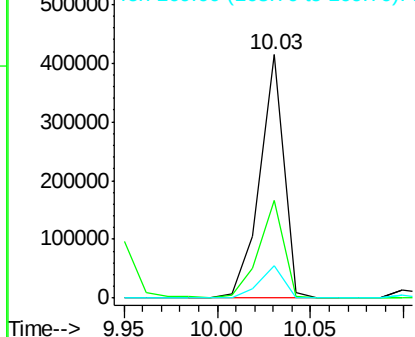


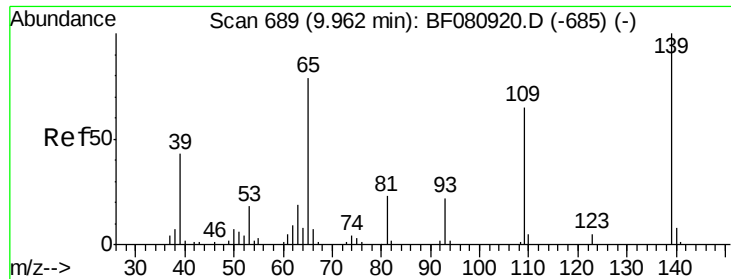
#54
Dibenzofuran
Concen: 27.89 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:168 Resp: 368057
Ion Ratio Lower Upper
168 100
139 40.4 31.9 47.9
169 13.3 10.6 15.8



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

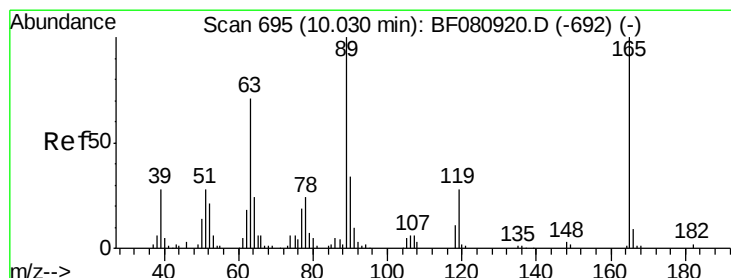
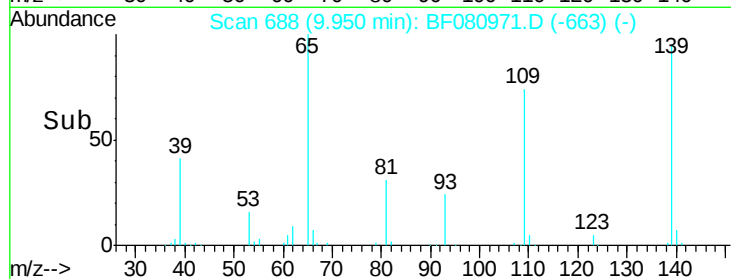
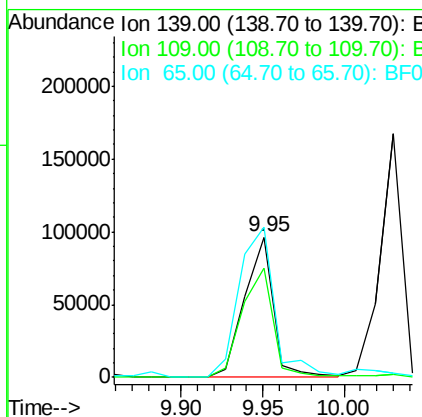
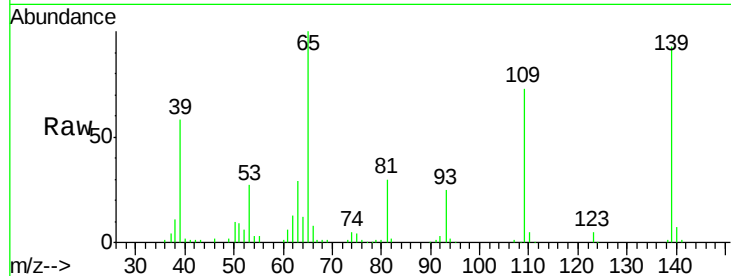




#55
 4-Nitrophenol
 Concen: 54.87 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

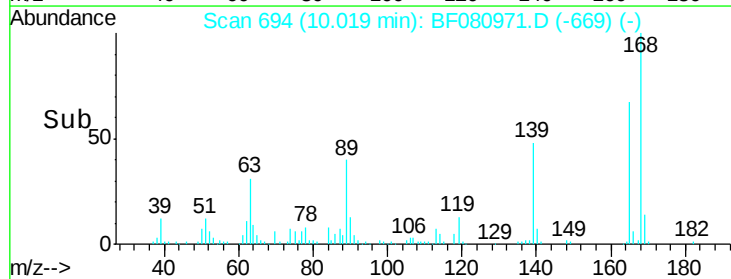
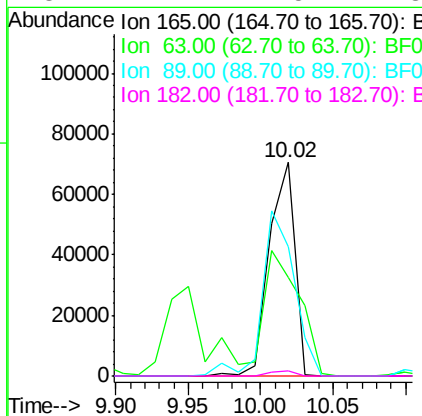
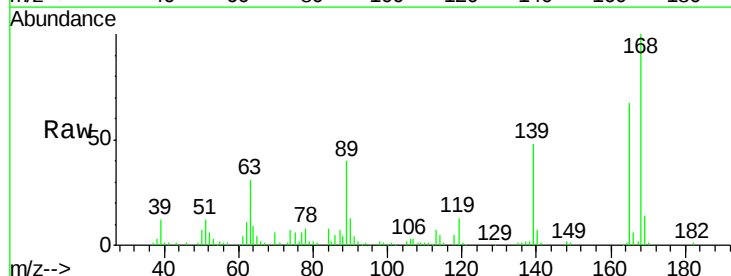
Instrument :
 BNA_F
 ClientSampled :

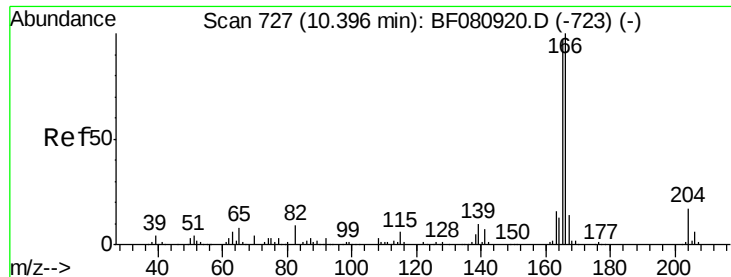
Tot Ion:139 Resp: 119056
 Ion Ratio Lower Upper
 139 100
 109 77.7 44.7 84.7
 65 107.0 59.5 99.5#



#56
 2,4-Dinitrotoluene
 Concen: 27.59 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion:165 Resp: 86781
 Ion Ratio Lower Upper
 165 100
 63 46.4 56.7 85.1#
 89 60.6 80.4 120.6#
 182 2.2 1.5 2.3





#57

Fluorene

Concen: 31.56 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

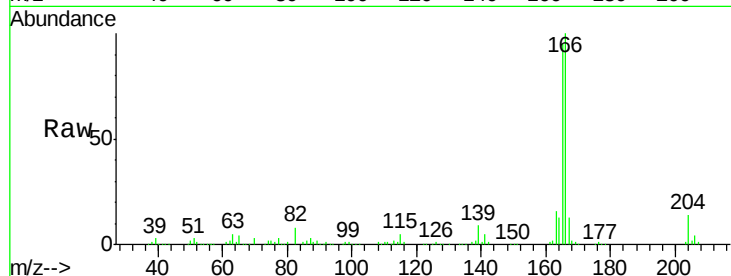
Tot Ion:166 Resp: 322236

Ion Ratio Lower Upper

166 100

165 95.2 77.2 115.8

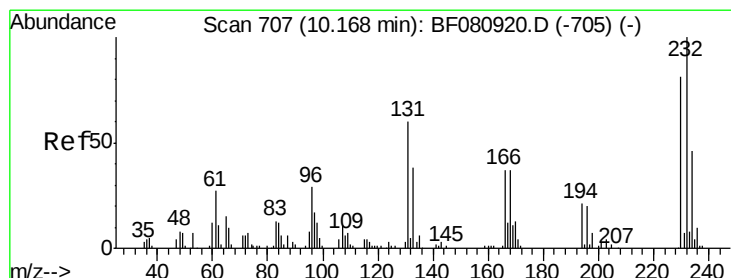
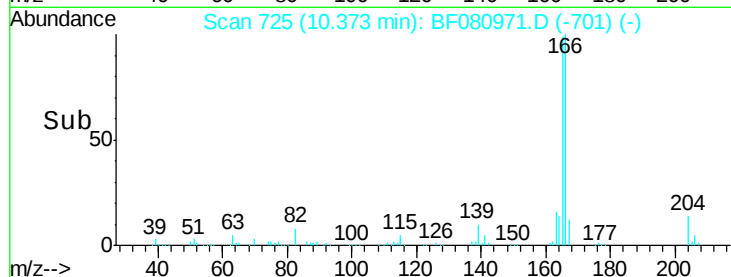
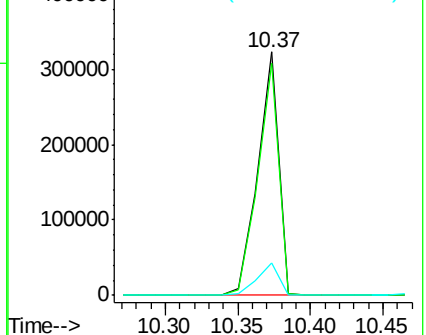
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 23.15 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Tgt Ion:232 Resp: 57159

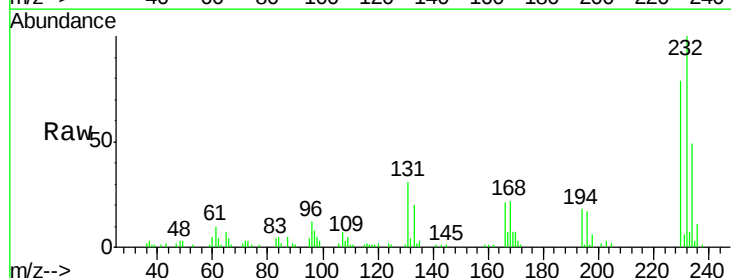
Ion Ratio Lower Upper

232 100

131 51.1 39.4 59.2

130 2.6 2.1 3.1

166 28.8 21.7 32.5

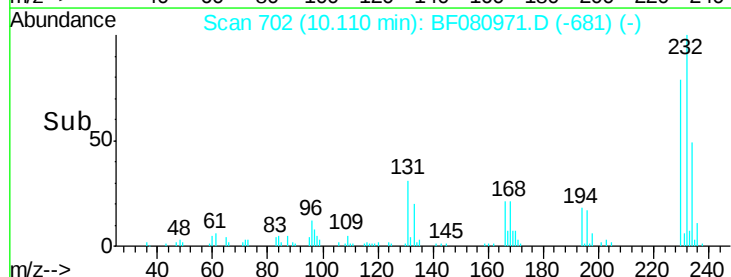
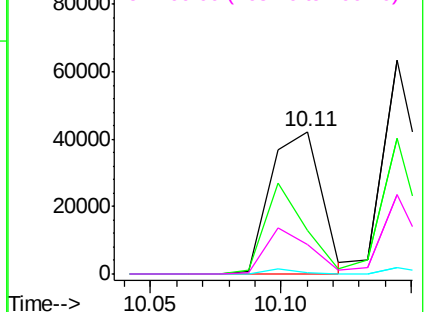


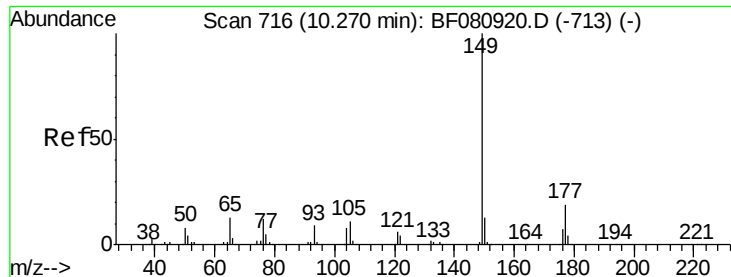
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

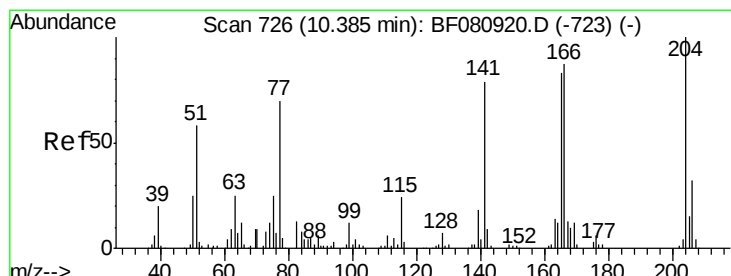
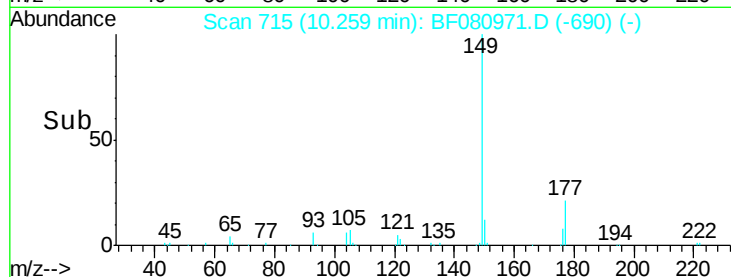
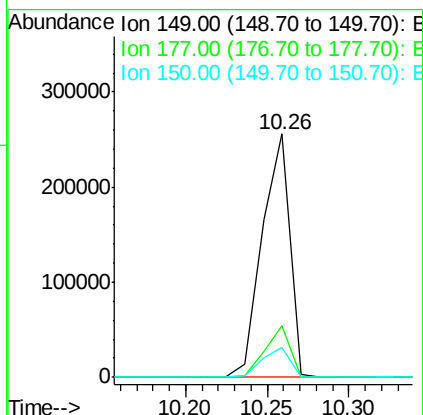
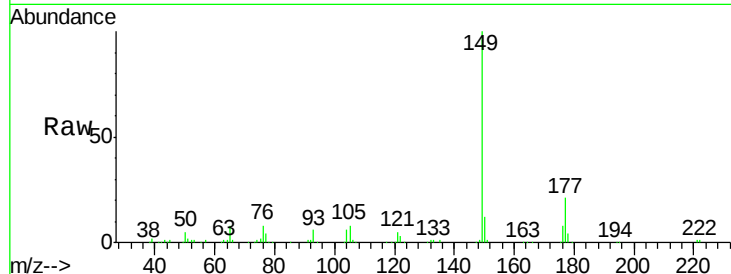




#59
Diethylphthalate
Concen: 25.49 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

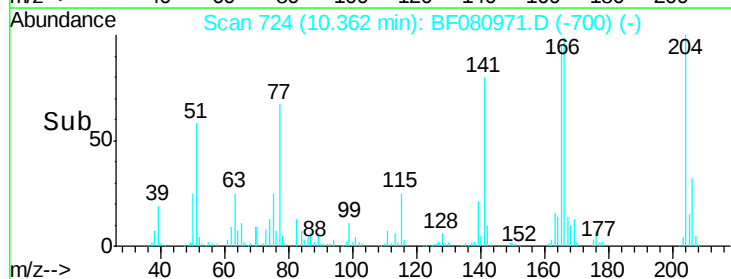
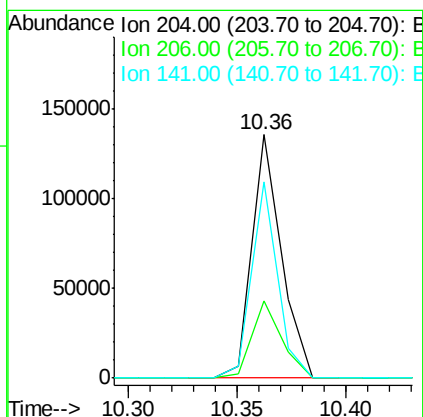
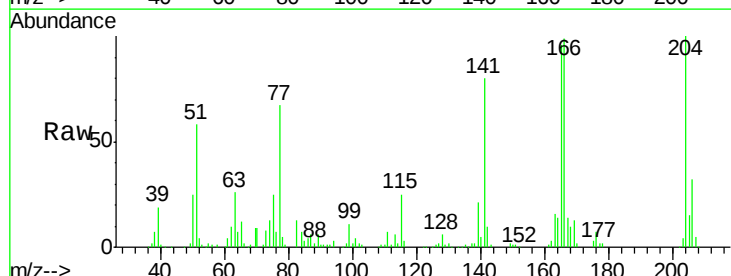
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 301895
Ion Ratio Lower Upper
149 100
177 21.1 15.0 22.4
150 12.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 25.67 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:204 Resp: 127721
Ion Ratio Lower Upper
204 100
206 31.8 25.5 38.3
141 80.5 63.4 95.0

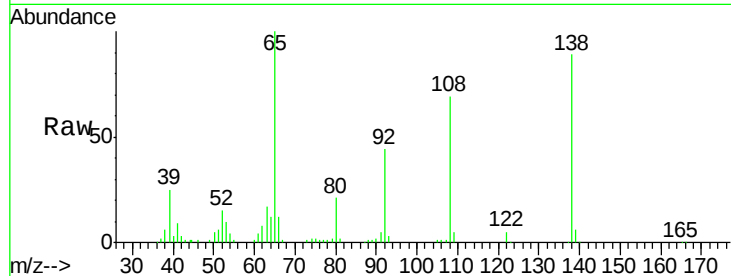




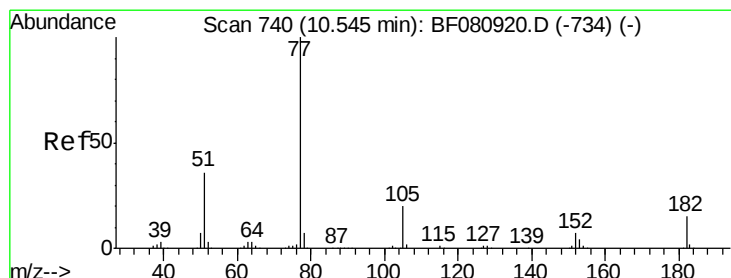
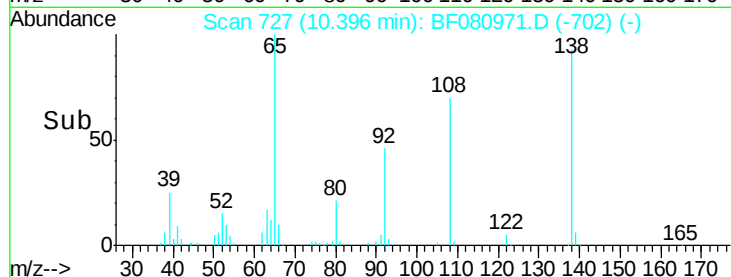
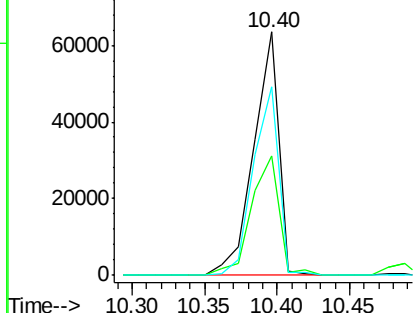
#61
4-Nitroaniline
Concen: 25.49 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 76008
Ion Ratio Lower Upper
138 100
92 49.1 38.1 78.1
108 77.5 59.9 99.9

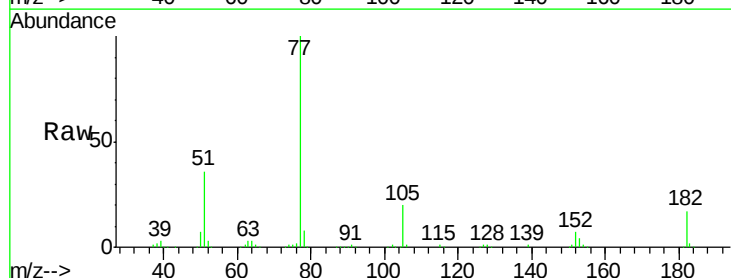


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

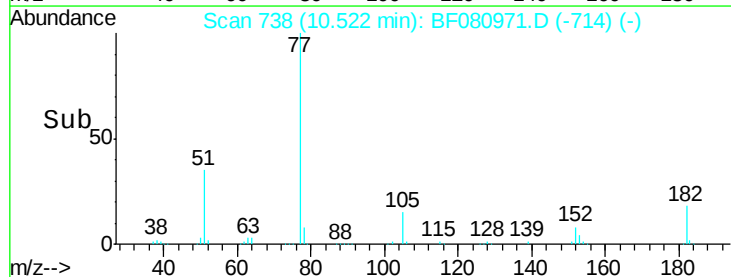
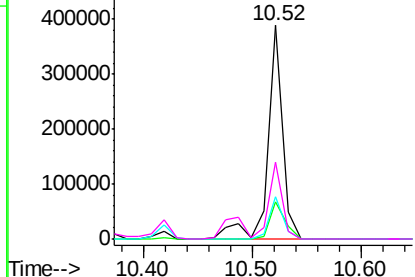


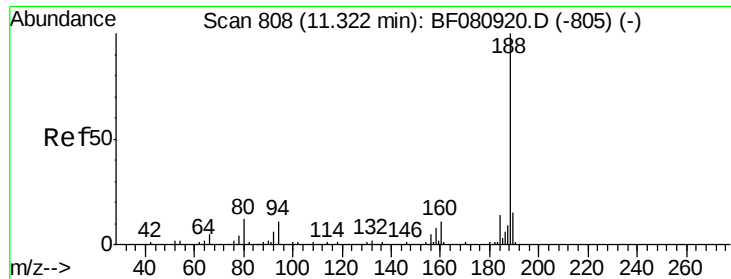
#62
Azobenzene
Concen: 28.17 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion: 77 Resp: 373177
Ion Ratio Lower Upper
77 100
182 17.2 0.0 35.5
105 20.0 0.5 40.5
51 35.9 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

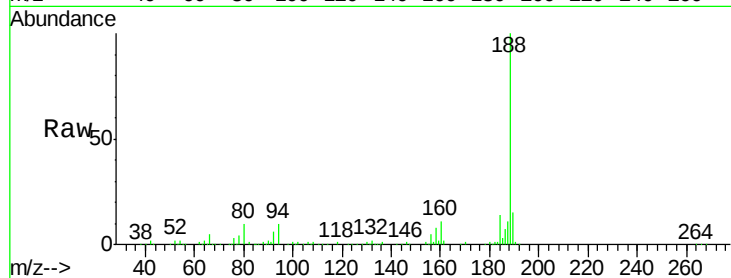




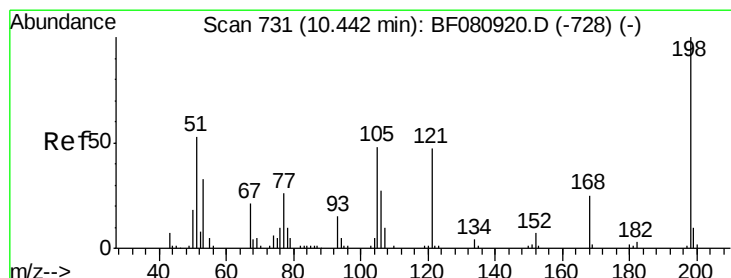
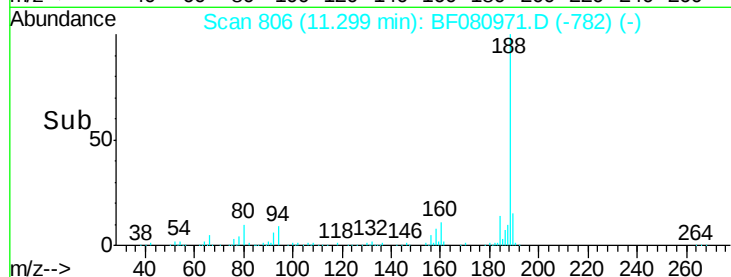
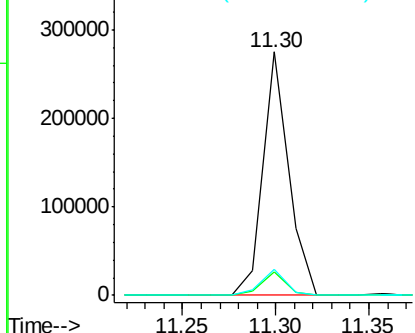
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 261157
Ion Ratio Lower Upper
188 100
94 9.6 8.8 13.2
80 10.4 9.5 14.3

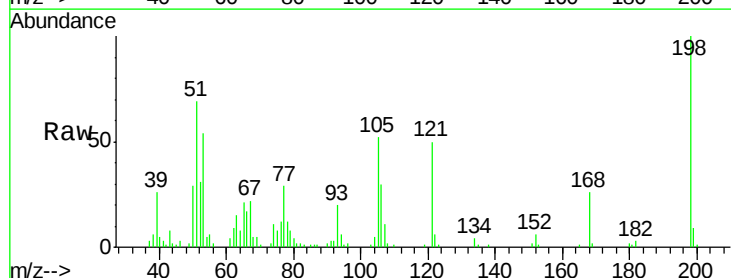


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

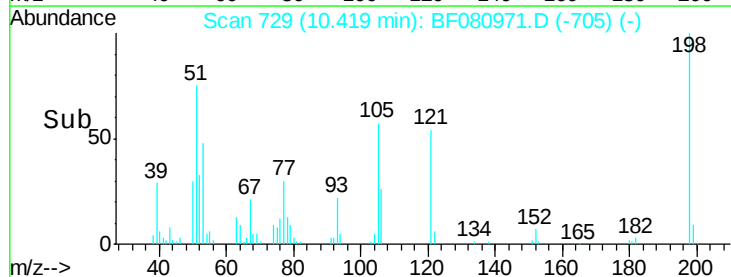
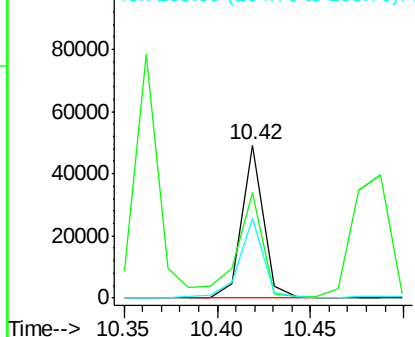


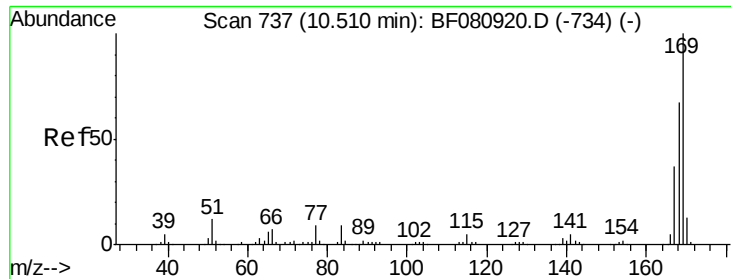
#64
4,6-Dinitro-2-methylphenol
Concen: 24.82 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:198 Resp: 40172
Ion Ratio Lower Upper
198 100
51 68.7 40.3 80.3
105 52.4 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

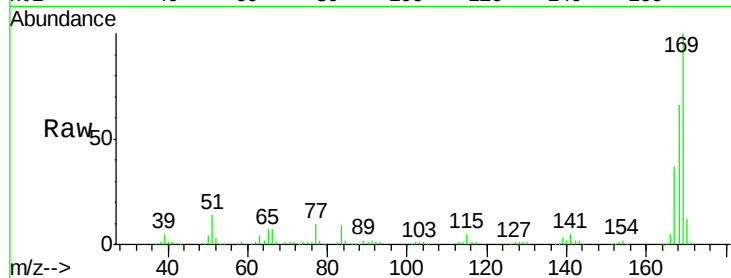




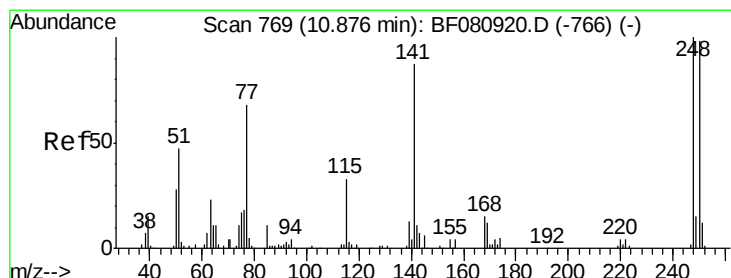
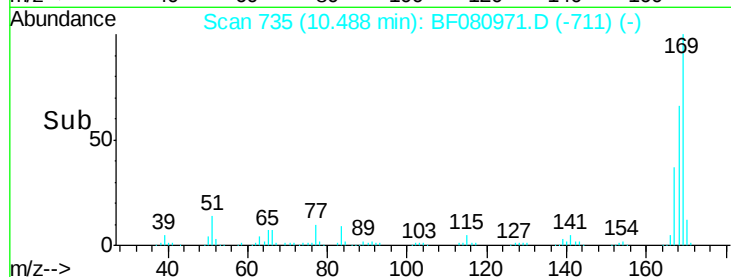
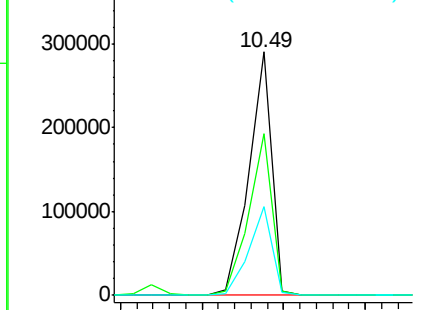
#65
 n-Nitrosodiphenylamine
 Concen: 31.00 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.7	80.5
167	36.6	29.3	43.9

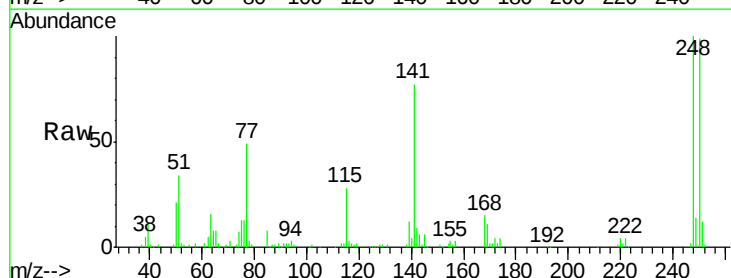


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

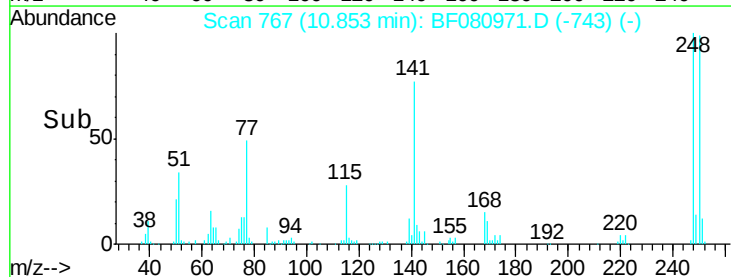
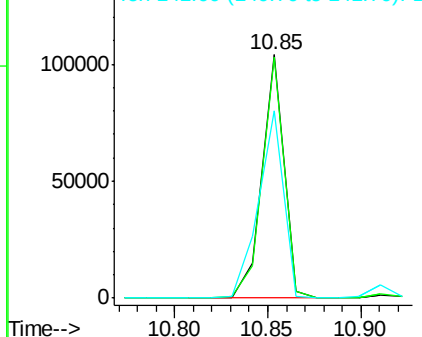


#66
 4-Bromophenyl-phenylether
 Concen: 30.44 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.1	117.1
141	77.2	69.6	104.4



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





#67

Hexachlorobenzene

Concen: 26.25 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampled :

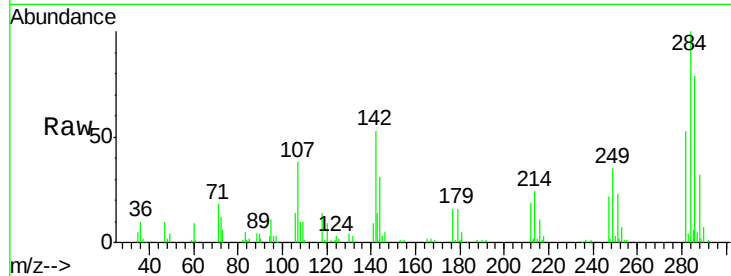
Tot Ion:284 Resp: 80736

Ion Ratio Lower Upper

284 100

142 52.8 12.8 19.2#

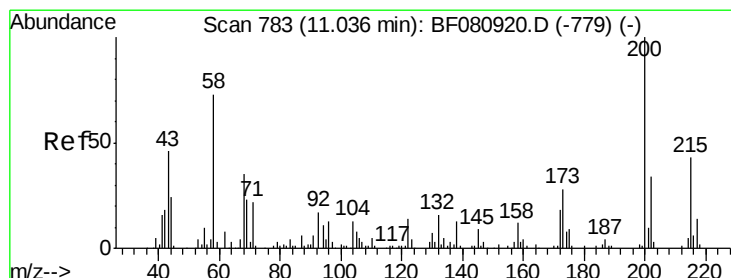
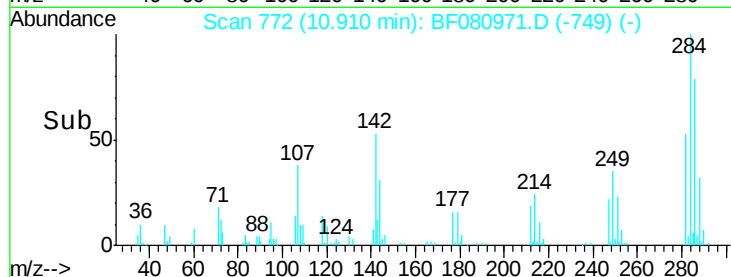
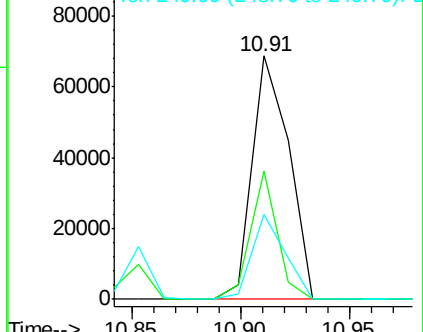
249 34.9 22.5 33.7#



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: 31.97 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

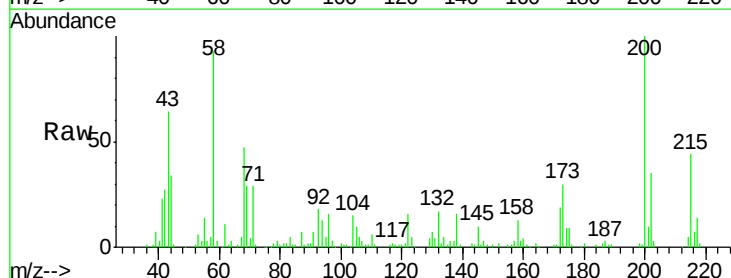
Tgt Ion:200 Resp: 85034

Ion Ratio Lower Upper

200 100

173 30.2 8.4 48.4

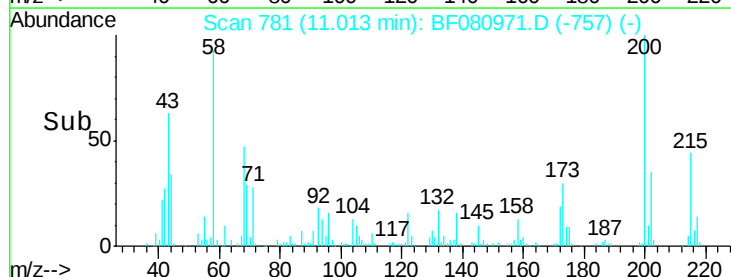
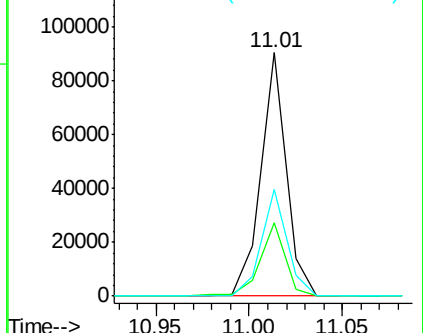
215 43.8 22.7 62.7



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

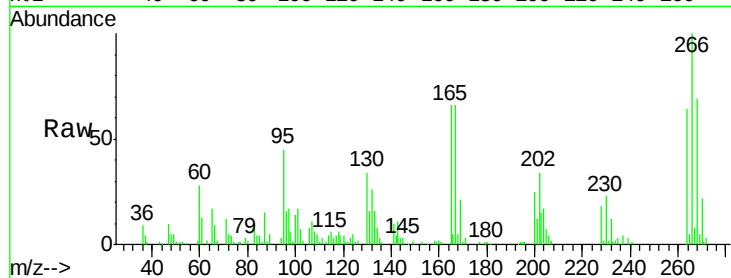




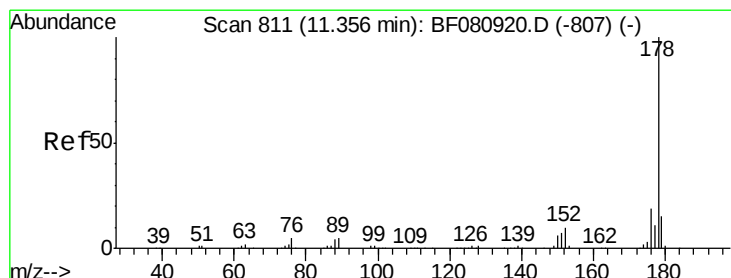
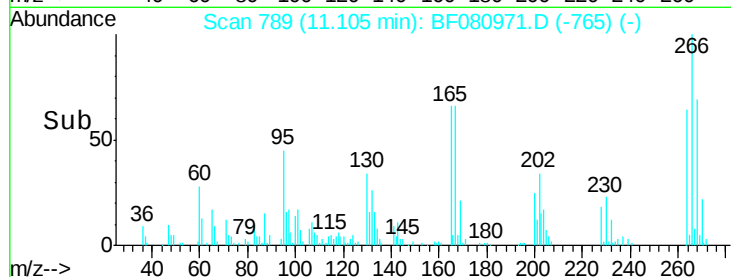
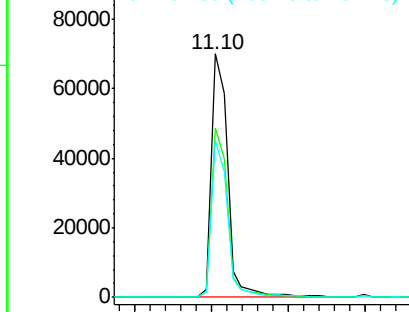
#69
 Pentachlorophenol
 Concen: 57.59 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.3	51.6	77.4
264	64.4	50.1	75.1

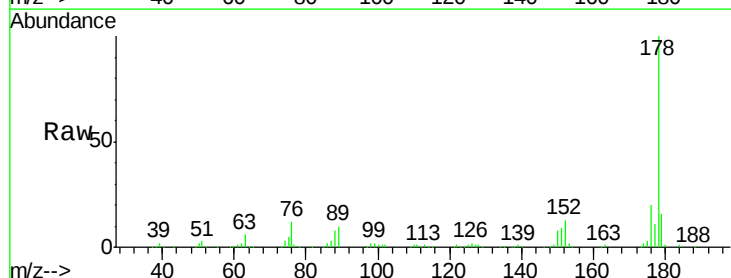


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

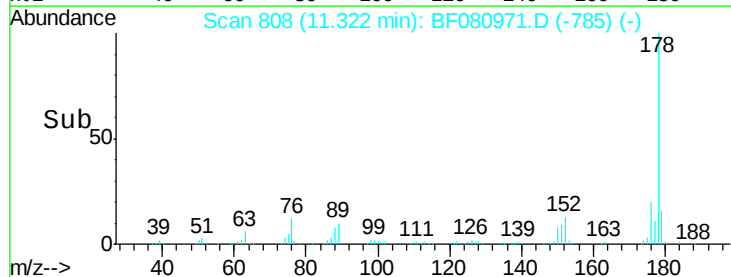
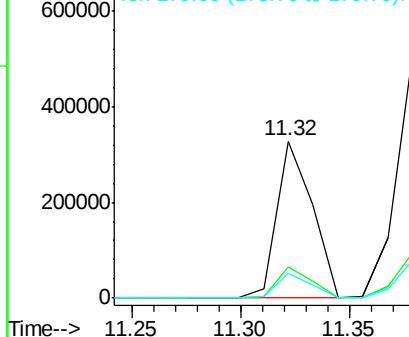


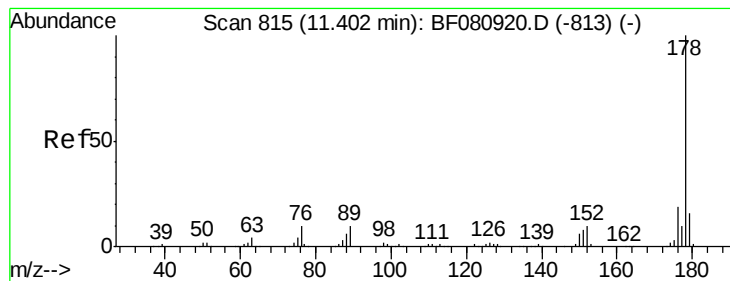
#70
 Phenanthrene
 Concen: 25.27 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.0	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: 30.54 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

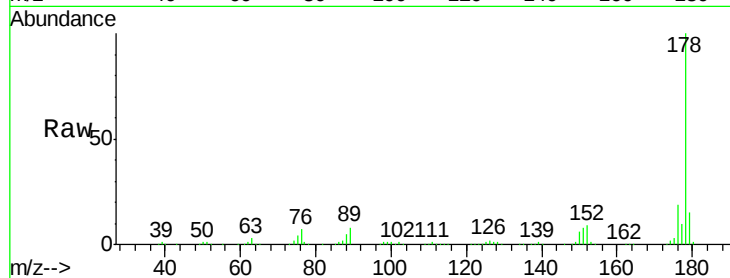
Tot Ion:178 Resp: 447176

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

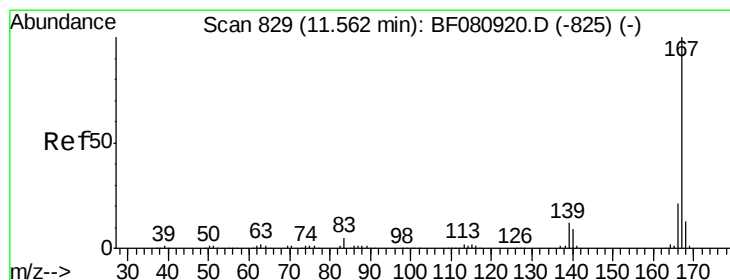
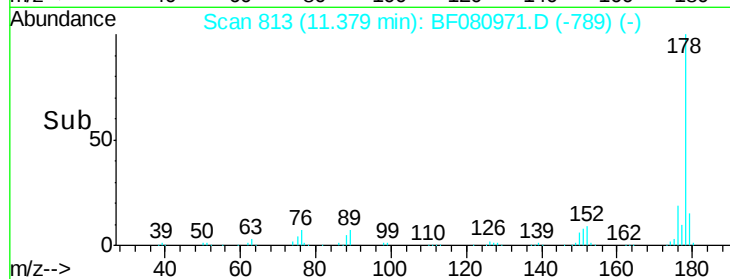
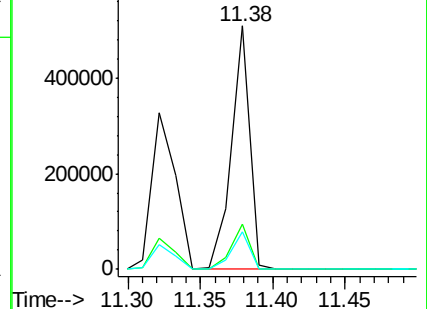
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 26.33 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

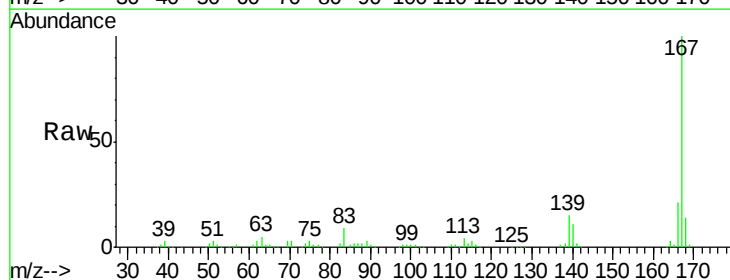
Tgt Ion:167 Resp: 375382

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

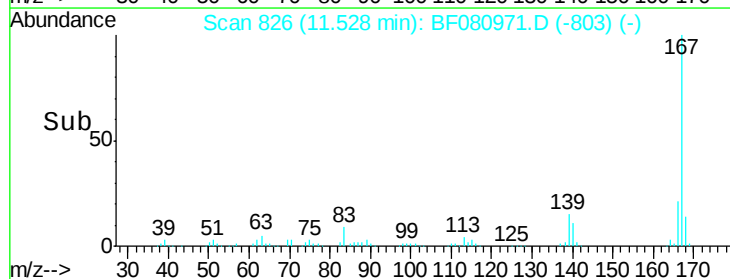
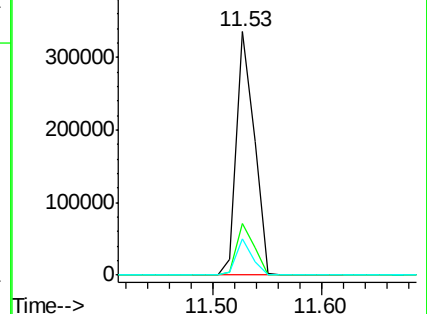
139 15.0 9.2 13.8#

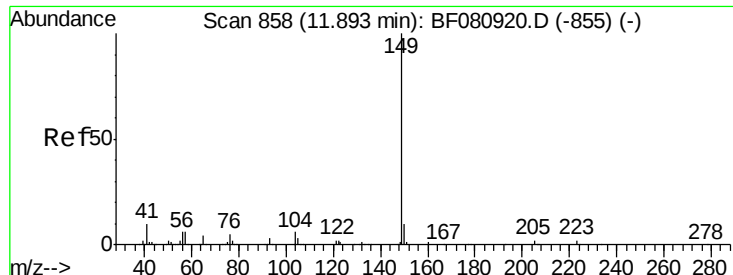


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.67 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

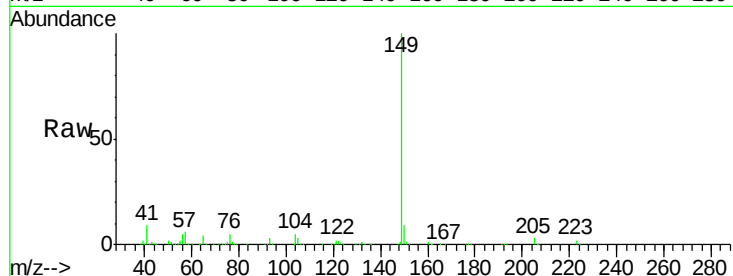
Tot Ion:149 Resp: 528909

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

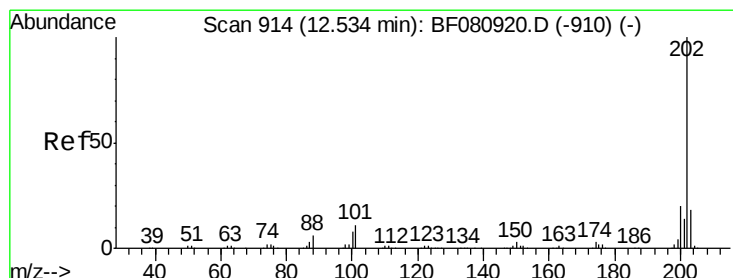
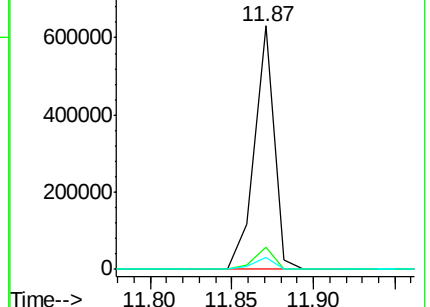
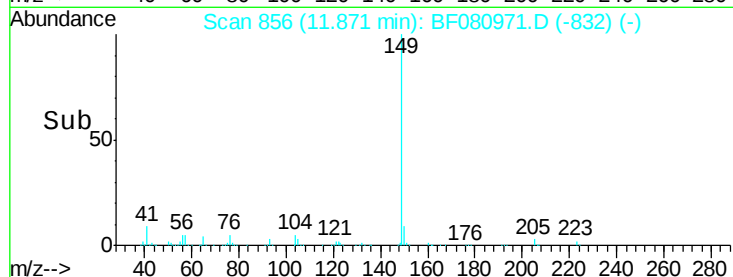
104 5.1 4.4 6.6



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: 29.59 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

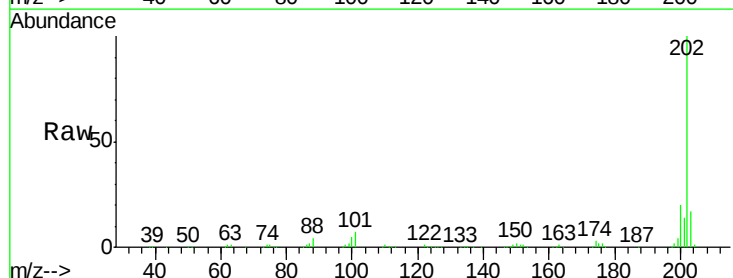
Tgt Ion:202 Resp: 473027

Ion Ratio Lower Upper

202 100

101 6.5 0.0 30.5

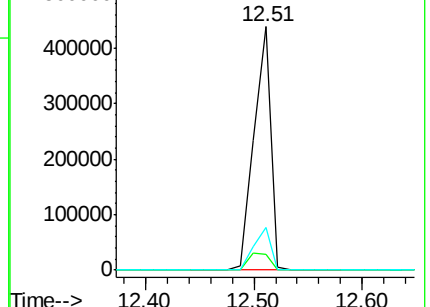
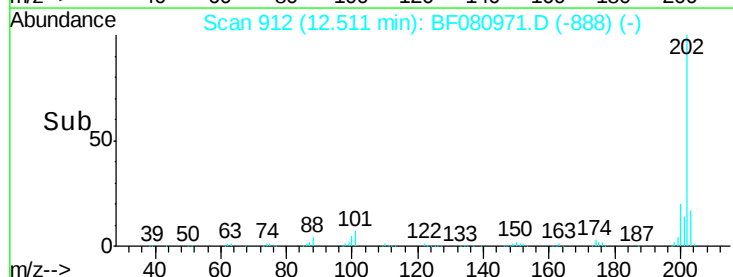
203 17.5 0.0 37.7

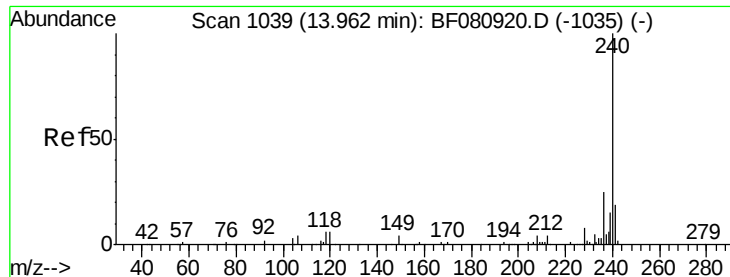


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

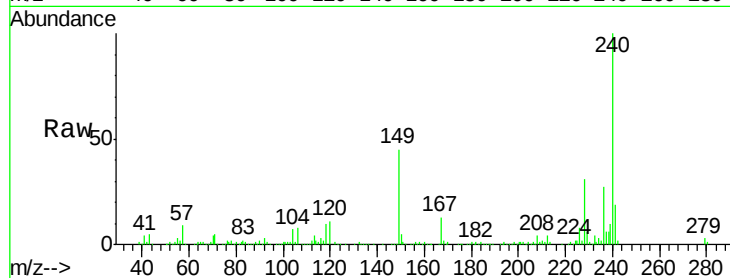
Tot Ion:240 Resp: 224898

Ion Ratio Lower Upper

240 100

120 11.3 5.2 7.8#

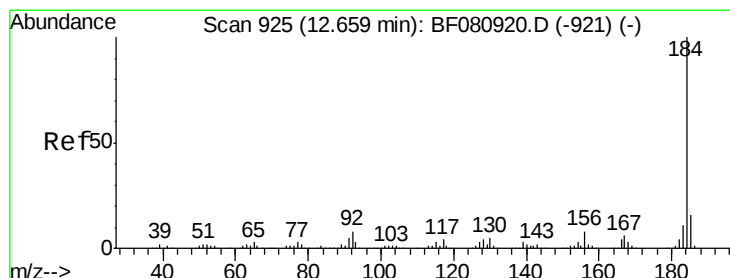
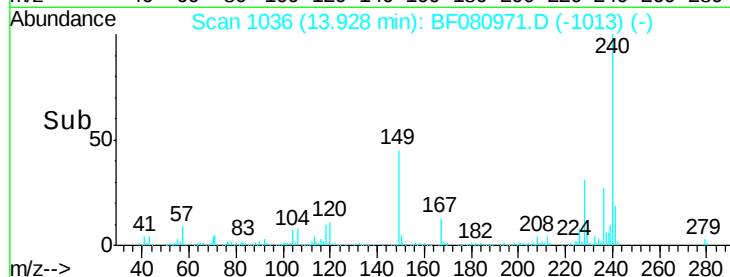
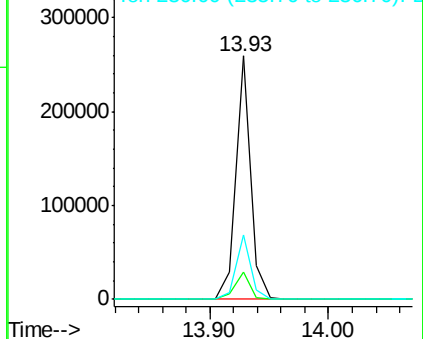
236 26.6 20.2 30.4



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: 10.81 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

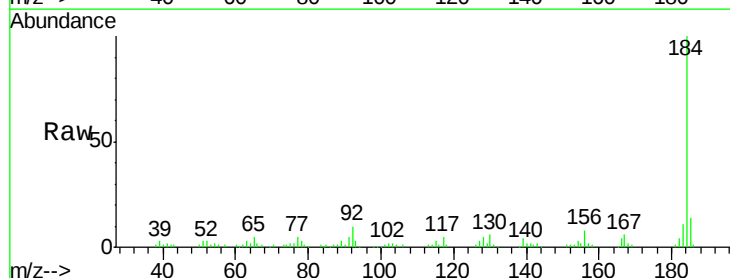
Tgt Ion:184 Resp: 121575

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.4

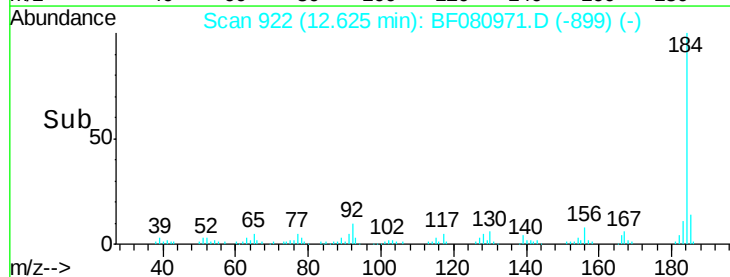
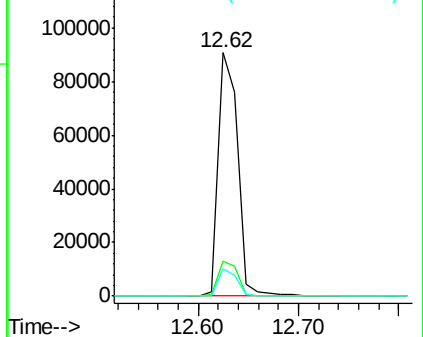
183 11.0 8.7 13.1

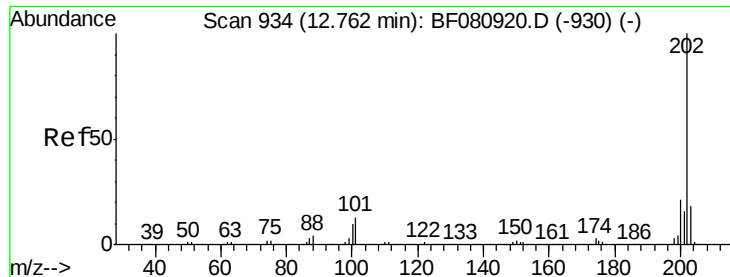


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

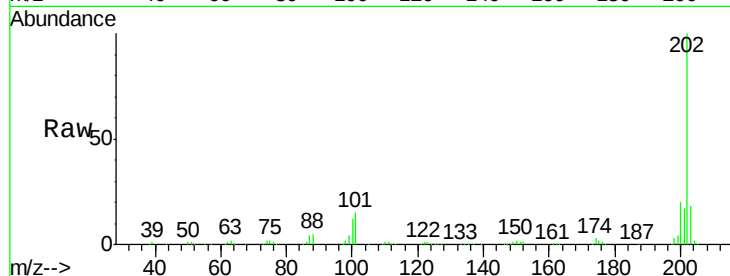




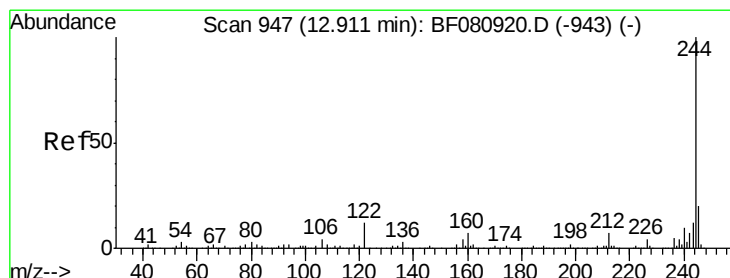
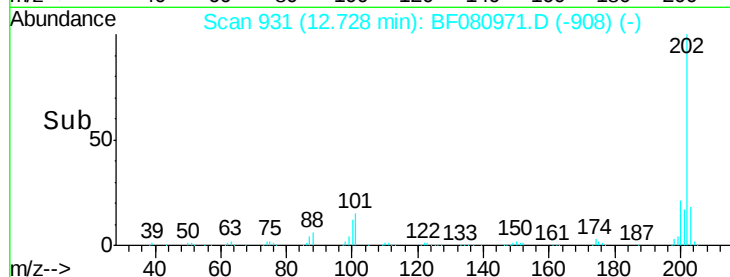
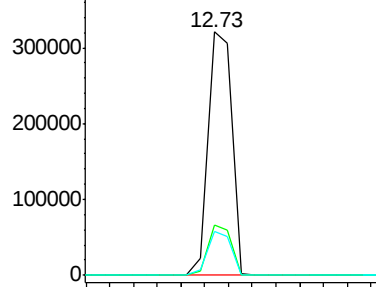
#77
 Pvrene
 Concen: 27.05 ng
 RT: 12.73 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	18.1	14.2	21.2

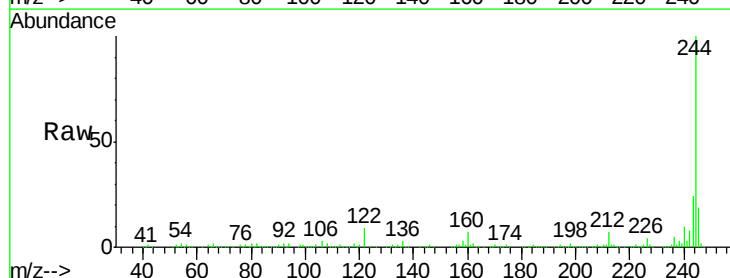


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

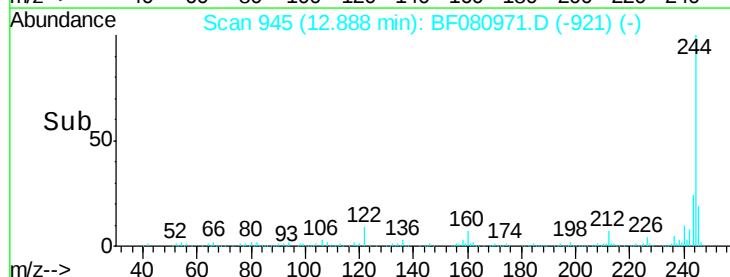
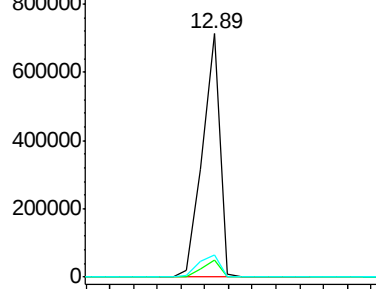


#78
 Terphenyl-d14
 Concen: 66.97 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.02 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.3	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

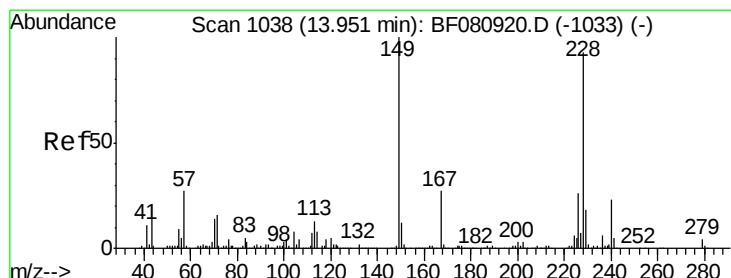
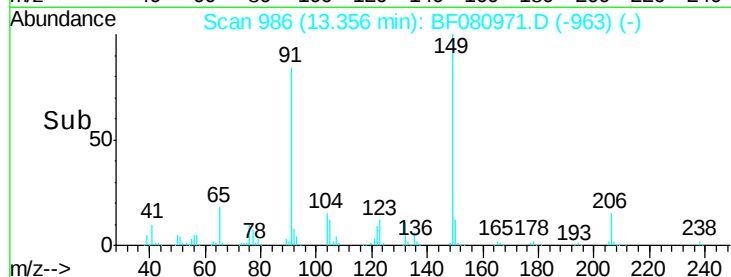
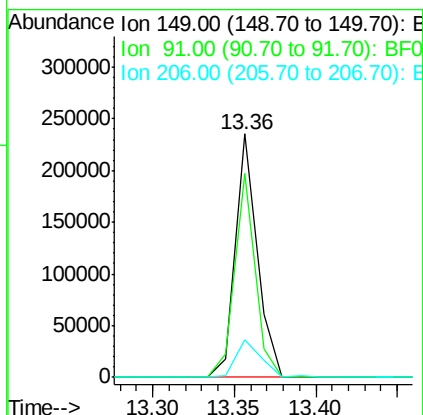
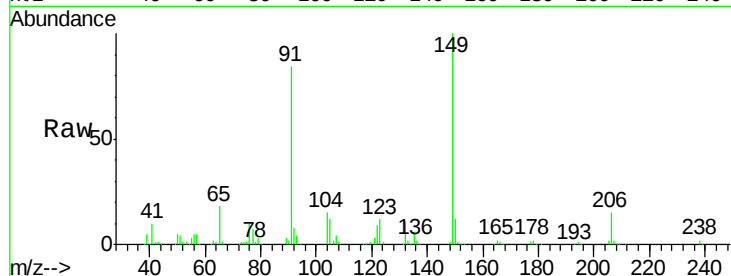




#79
Butylbenzylphthalate
Concen: 27.03 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

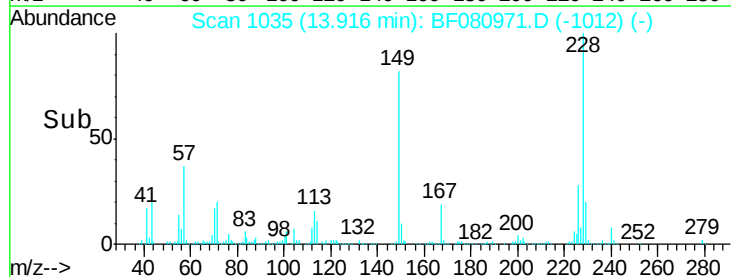
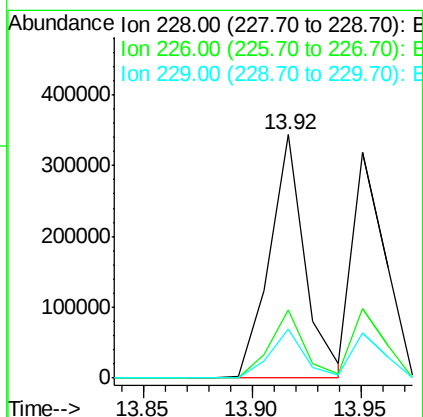
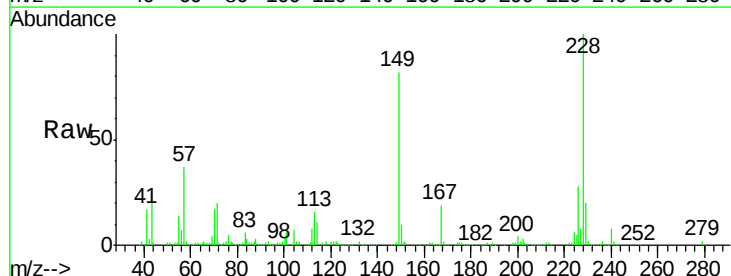
Instrument :
BNA_F
ClientSampleId :

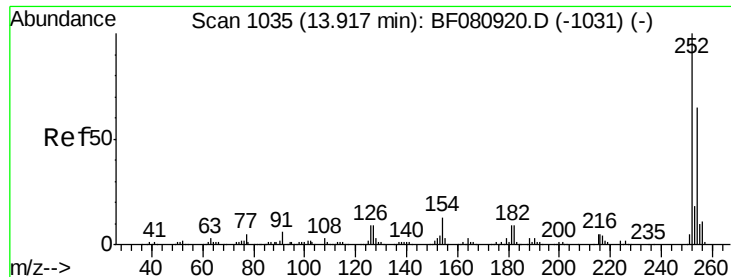
Tot Ion:149 Resp: 216464
Ion Ratio Lower Upper
149 100
91 83.7 47.2 70.8#
206 15.4 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 27.52 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:228 Resp: 390889
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 19.9 15.8 23.6

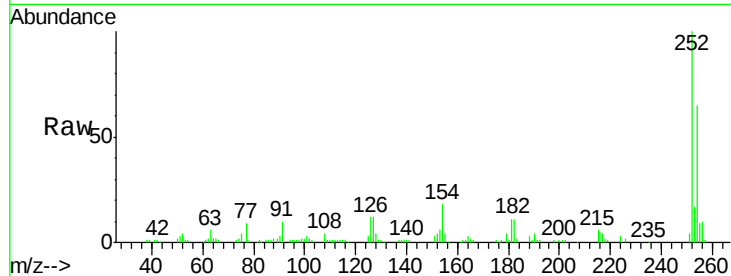




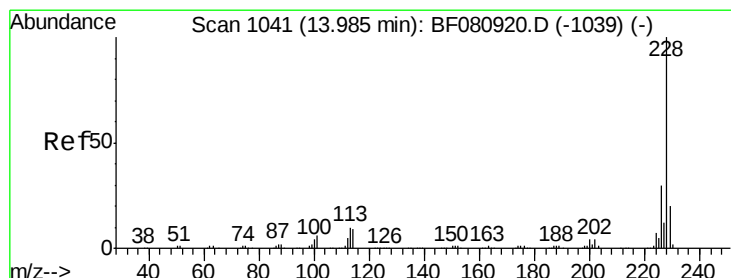
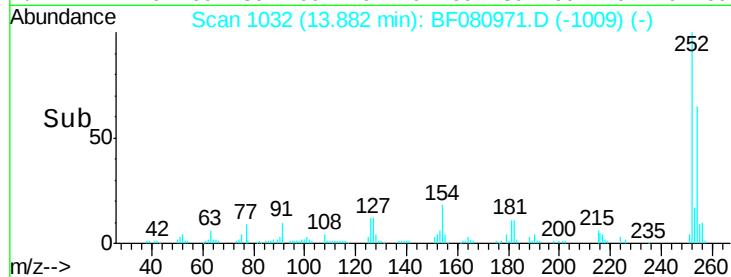
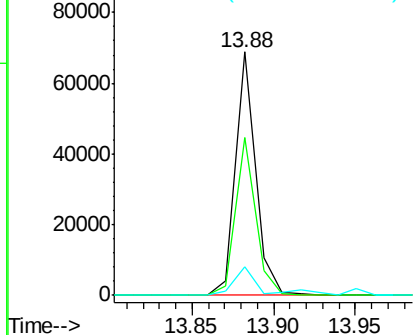
#81
 3,3'-Dichlorobenzidine
 Concen: 11.23 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 58014
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.7 77.5
 126 11.7 7.1 10.7#

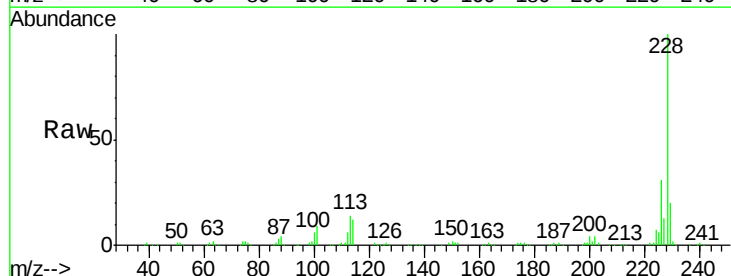


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

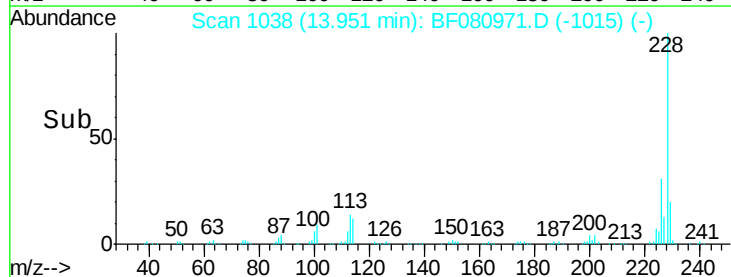
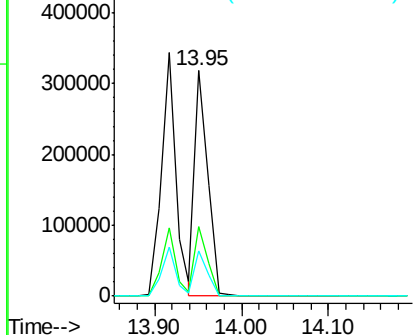


#82
 Chrysene
 Concen: 24.53 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion:228 Resp: 333714
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.9 35.9
 229 19.8 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

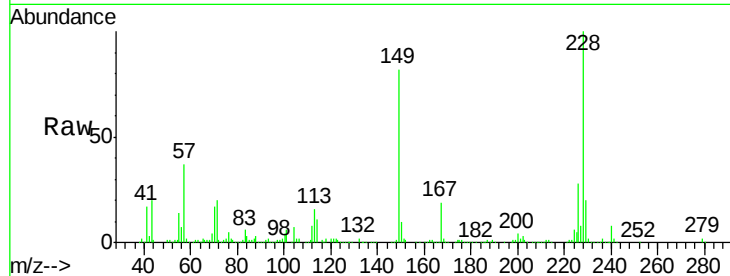




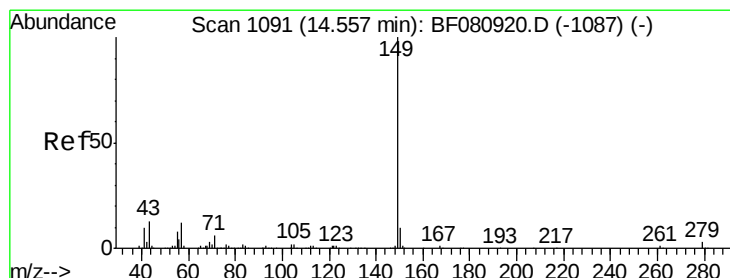
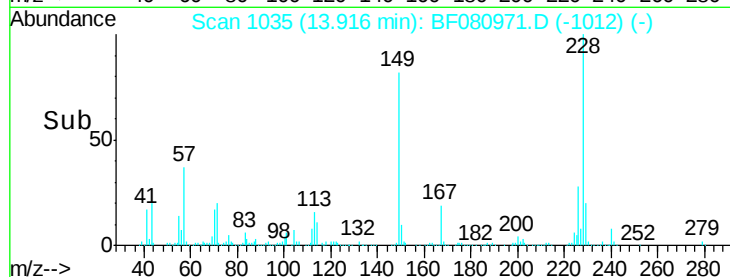
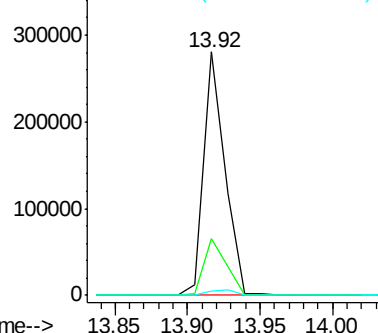
#83
Bis(2-ethylhexyl)phthalate
Concen: 25.52 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 284386
Ion Ratio Lower Upper
149 100
167 23.6 21.4 32.0
279 1.8 2.9 4.3#

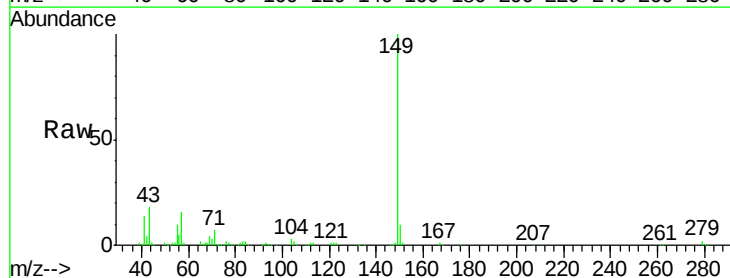


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

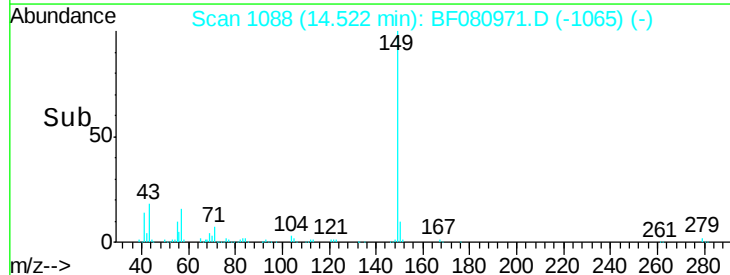
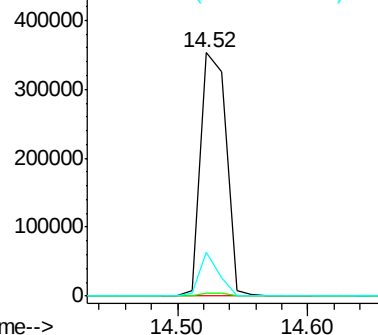


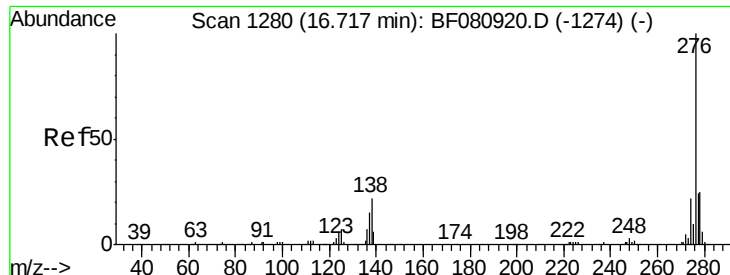
#84
Di-n-octyl phthalate
Concen: 25.38 ng
RT: 14.52 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BF080971.D
Acq: 11 Aug 2015 20:08

Tgt Ion:149 Resp: 479469
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.9 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

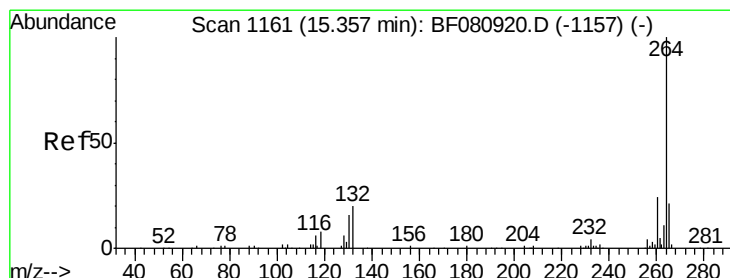
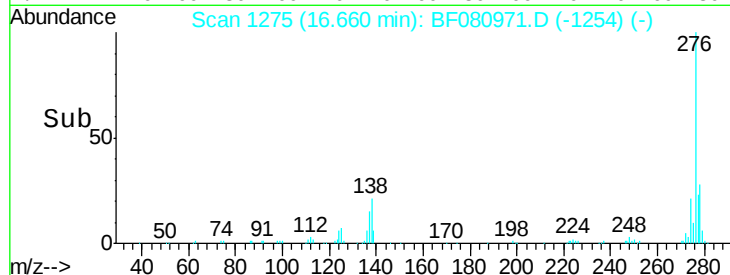
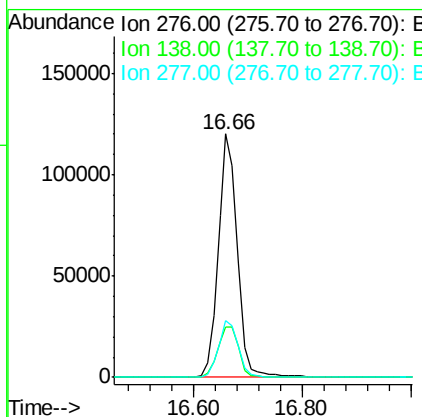
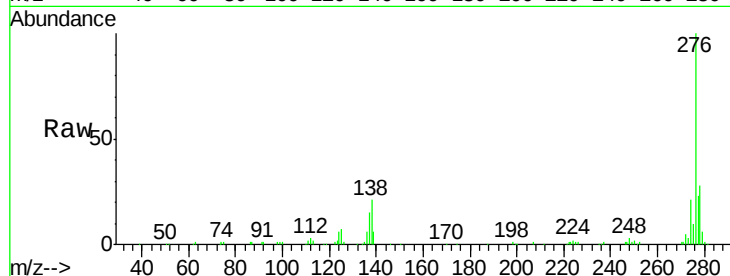




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.87 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.06 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

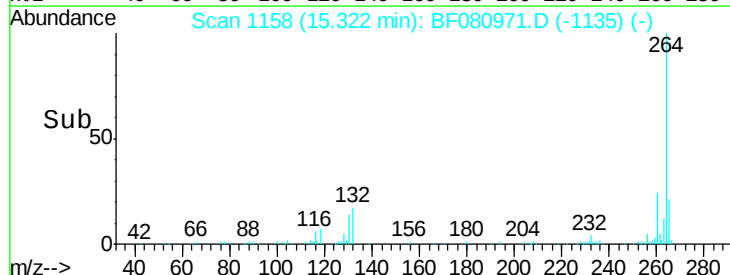
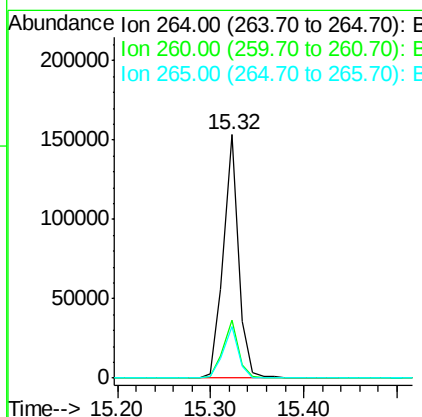
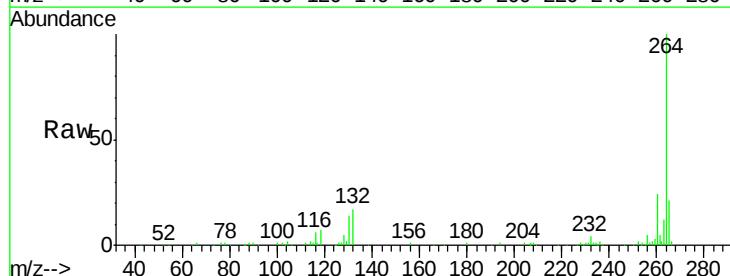
Instrument :
 BNA_F
 ClientSampleId :

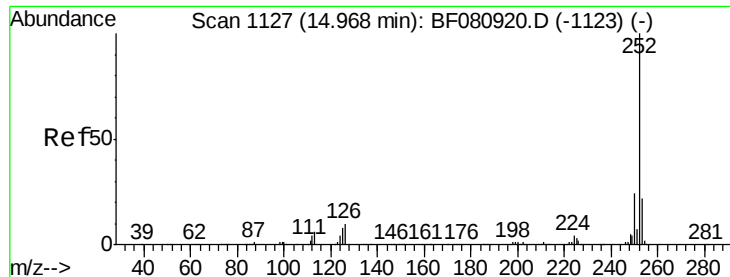
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.9	29.9
277	24.1	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080971.D
 Acq: 11 Aug 2015 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 57.15 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

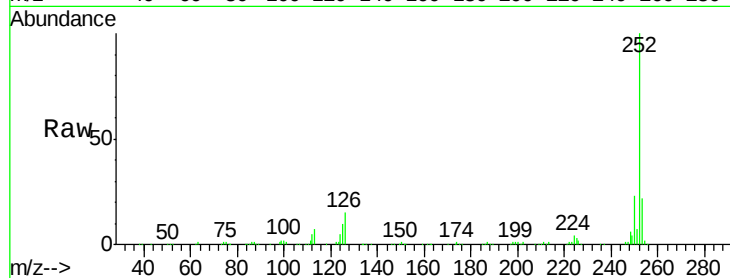
Tot Ion:252 Resp: 696388

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

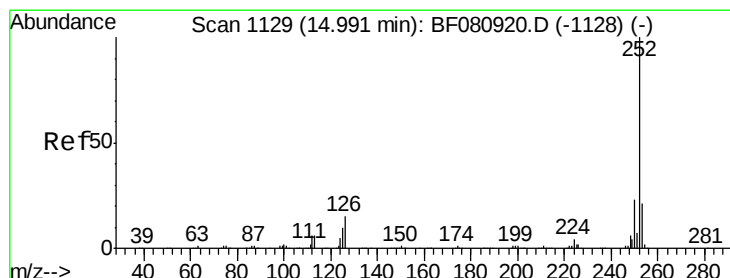
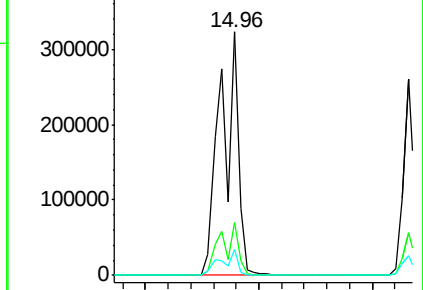
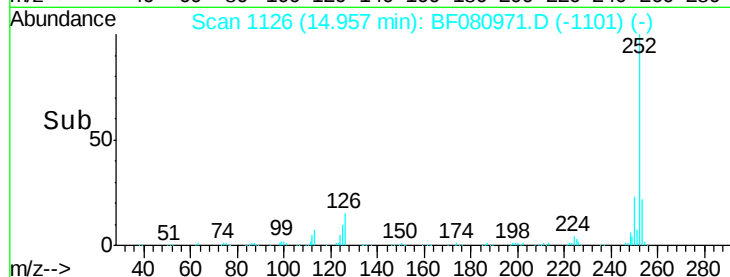
125 10.5 6.1 9.1#



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: 65.33 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

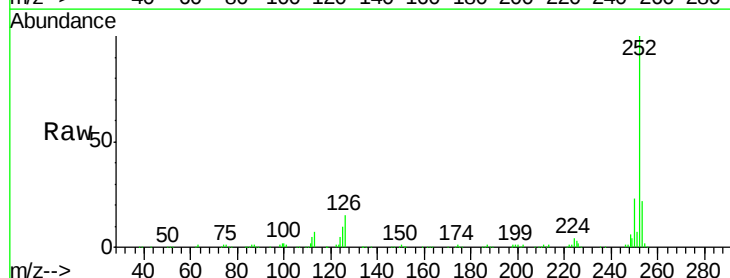
Tgt Ion:252 Resp: 696388

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

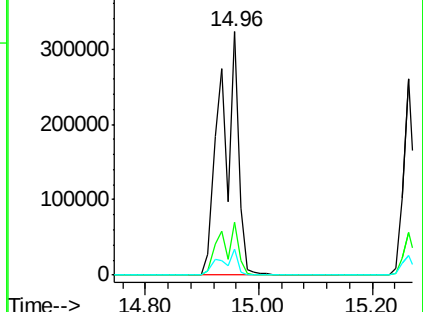
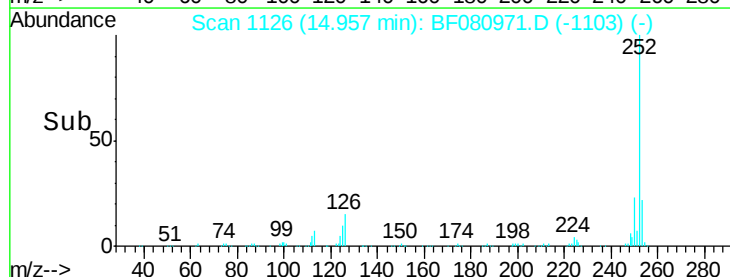
125 10.5 9.0 13.6

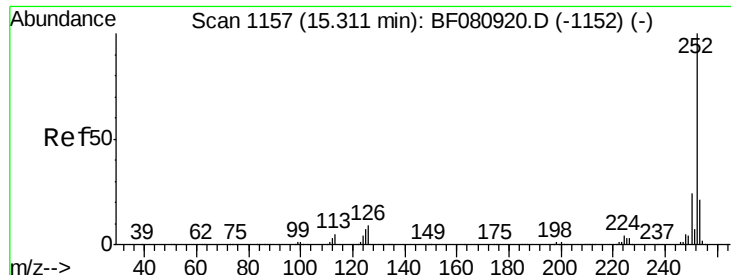


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.47 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

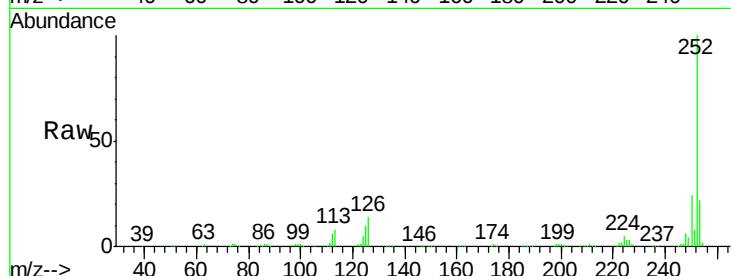
Tot Ion:252 Resp: 319148

Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

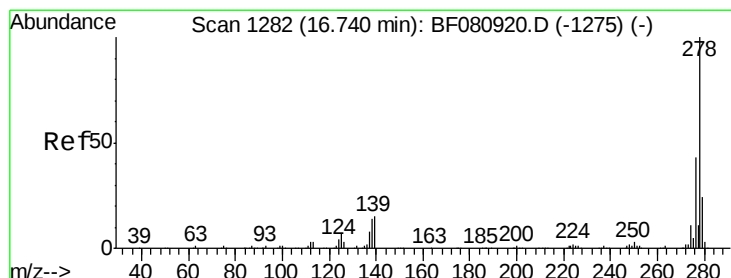
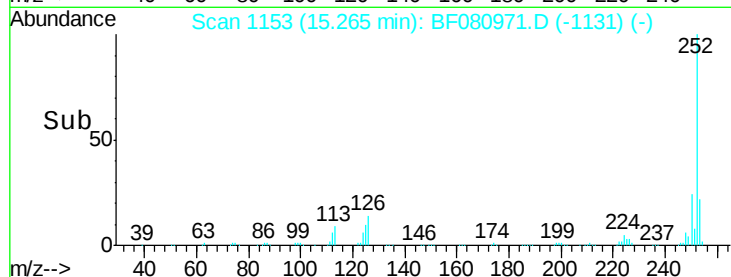
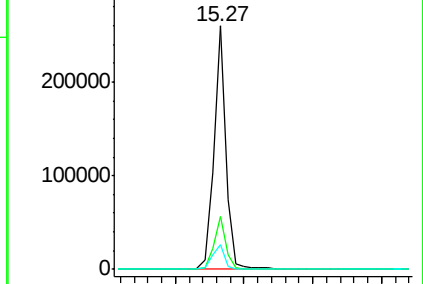
125 10.1 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 27.39 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

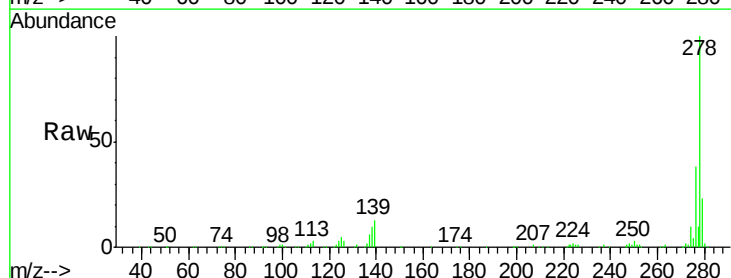
Tgt Ion:278 Resp: 253713

Ion Ratio Lower Upper

278 100

139 12.8 11.9 17.9

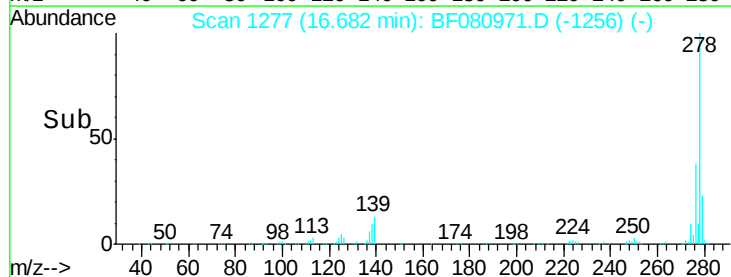
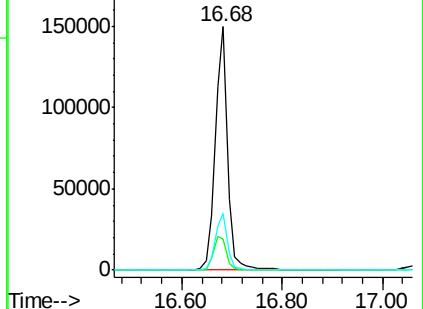
279 23.4 19.0 28.6

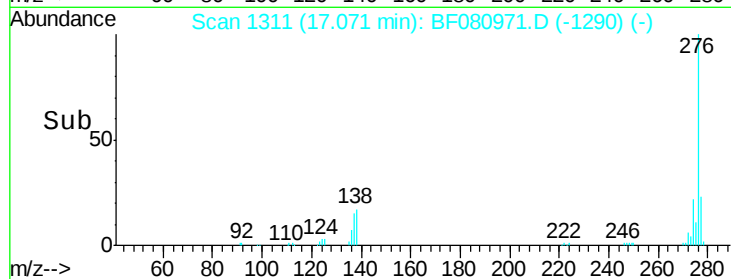
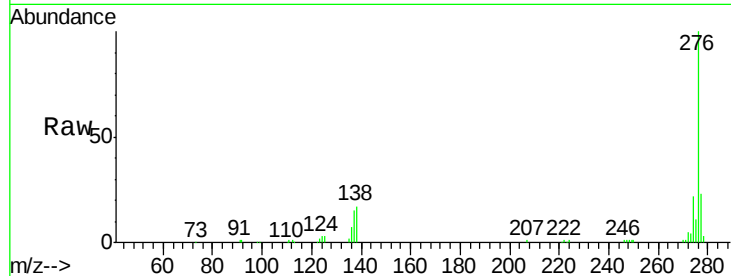
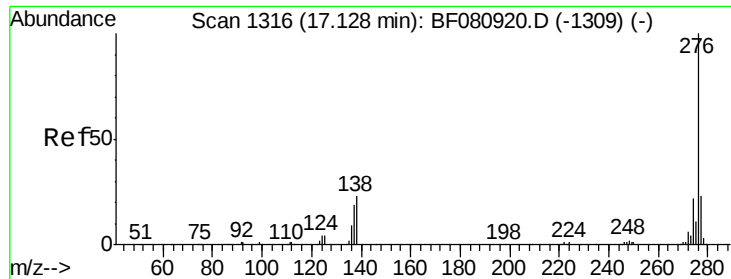


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 25.36 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BF080971.D

Acq: 11 Aug 2015 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 228453

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 16.8 18.4 27.6#

