

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076971.D
 Acq On : 20 Jan 2015 20:12
 Operator : IZ / TP
 Sample : G1109-08MSD
 Misc : W
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:09:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 00:34:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	28251	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	116281	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	65732	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	113238	20.00	ng	-0.01
75) Chrysene-d12	21.24	240	110464	20.00	ng	0.00
86) Perylene-d12	22.87	264	97935	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	113743	66.20	ng	0.00
7) Phenol-d6	7.32	99	88451	40.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	204136	97.26	ng	0.00
41) 2,4,6-Tribromophenol	16.63	330	82699	154.99	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	433258	100.31	ng	0.00
78) Terphenyl-d14	19.97	244	423422	88.25	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.25	88	11890	16.16	ng	# 88
3) Pyridine	1.76	79	18994	9.98	ng	90
4) n-Nitrosodimethylamine	1.68	42	17575	18.64	ng	# 91
6) Aniline	7.20	93	39025	13.01	ng	96
8) 2-Chlorophenol	7.44	128	72733	36.72	ng	96
9) Benzaldehyde	6.92	77	24253	17.53	ng	96
10) Phenol	7.34	94	31954	13.88	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	90467	50.23	ng	87
12) 1,3-Dichlorobenzene	7.75	146	91965	40.81	ng	99
13) 1,4-Dichlorobenzene	7.94	146	93535	39.14	ng	99
14) 1,2-Dichlorobenzene	8.26	146	91732	41.66	ng	99
15) Benzyl Alcohol	8.34	79	46594	26.56	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	113123	46.73	ng	86
17) 2-Methylphenol	8.70	107	48864	30.19	ng	# 91
18) Hexachloroethane	9.01	117	34061	40.98	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	70361	46.37	ng	99
20) 3+4-Methylphenols	9.08	107	55187	25.75	ng	96
22) Acetophenone	8.89	105	143932	50.54	ng	99
24) Nitrobenzene	9.25	77	103453	48.38	ng	96
25) Isophorone	9.85	82	184046	48.15	ng	97
26) 2-Nitrophenol	9.99	139	48291	44.25	ng	91
27) 2,4-Dimethylphenol	10.28	122	70477	42.63	ng	94
28) bis(2-Chloroethoxy)methane	10.48	93	111665	51.40	ng	99
29) 2,4-Dichlorophenol	10.60	162	73260	47.54	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	82571	48.24	ng	96
31) Naphthalene	10.87	128	273623	45.71	ng	98
32) Benzoic acid	10.57	122	15404	16.82	ng	# 85
33) 4-Chloroaniline	11.11	127	36864	15.24	ng	97
34) Hexachlorobutadiene	11.24	225	43908	43.23	ng	98
35) Caprolactam	11.96	113	2049	4.52	ng	# 87
36) 4-Chloro-3-methylphenol	12.40	107	74922	42.46	ng	96
37) 2-Methylnaphthalene	12.53	142	200484	49.04	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	77436	47.65	ng	97
40) Hexachlorocyclopentadiene	12.92	237	77317	87.90	ng	97

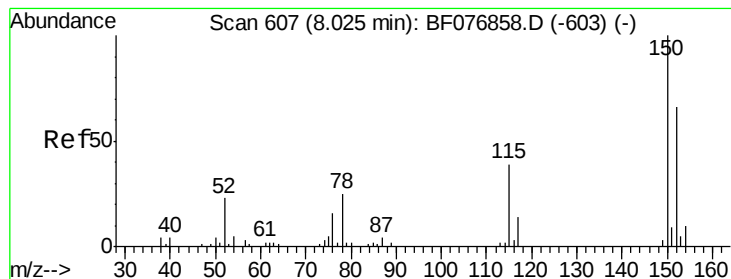
Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 00:34:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	53196	44.93	nq	95
43) 2,4,5-Trichlorophenol	13.35	196	54964	45.51	nq	94
45) 1,1'-Biphenyl	13.67	154	240792	49.41	nq	97
46) 2-Chloronaphthalene	13.65	162	188225	46.94	nq	99
47) 2-Nitroaniline	13.99	65	59960	49.29	nq	94
48) Acenaphthylene	14.60	152	311993	46.13	nq	100
49) Dimethylphthalate	14.55	163	235095	50.43	nq	98
50) 2,6-Dinitrotoluene	14.64	165	46231	49.64	nq	91
51) Acenaphthene	15.03	154	175095	45.63	nq	99
52) 3-Nitroaniline	14.99	138	23594	20.48	nq	90
53) 2,4-Dinitrophenol	15.27	184	40477	90.76	nq	97
54) Dibenzofuran	15.45	168	275904	49.35	nq	98
55) 4-Nitrophenol	15.59	139	24841	34.00	nq	88
56) 2,4-Dinitrotoluene	15.58	165	67985	48.66	nq	# 95
57) Fluorene	16.17	166	225885	47.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.79	232	42880	48.76	nq	96
59) Diethylphthalate	16.17	149	240306	51.01	nq	97
60) 4-Chlorophenyl-phenylether	16.27	204	96865	49.99	nq	94
61) 4-Nitroaniline	16.31	138	48384	41.42	nq	95
62) Azobenzene	16.55	77	243036	49.51	nq	98
64) 4,6-Dinitro-2-methylphenol	16.39	198	31762	43.95	nq	97
65) n-Nitrosodiphenylamine	16.51	169	185716	46.00	nq	98
66) 4-Bromophenyl-phenylether	17.11	248	54610	47.60	nq	90
67) Hexachlorobenzene	17.12	284	56644	46.85	nq	92
68) Atrazine	17.48	200	67334	54.96	nq	96
69) Pentachlorophenol	17.49	266	53116	94.42	nq	95
70) Phenanthrene	17.77	178	330662	46.82	nq	97
71) Anthracene	17.84	178	325929	47.33	nq	99
72) Carbazole	18.13	167	316310	47.36	nq	99
73) Di-n-butylphthalate	18.72	149	391791	50.68	nq	100
74) Fluoranthene	19.41	202	345646	47.77	nq	99
76) Benzidine	19.65	184	32331	9.15	nq	# 95
77) Pyrene	19.69	202	359445	47.48	nq	99
79) Butylbenzylphthalate	20.62	149	179738	52.42	nq	# 82
80) Benzo(a)anthracene	21.23	228	329969	47.61	nq	98
81) 3,3'-Dichlorobenzidine	21.23	252	64977	29.50	nq	99
82) Chrysene	21.26	228	312874	49.50	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	264585	55.77	nq	# 97
84) Di-n-octyl phthalate	22.13	149	458603	55.70	nq	98
87) Benzo(b)fluoranthene	22.47	252	324587	49.21	nq	# 95
88) Benzo(k)fluoranthene	22.47	252	324587	56.32	nq	# 98
89) Benzo(a)pyrene	22.81	252	283204	48.68	nq	99
90) Dibenzo(a,h)anthracene	23.99	278	214858	40.25	nq	# 97
91) Benzo(q,h,i)perylene	24.25	276	223193	42.05	nq	96

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

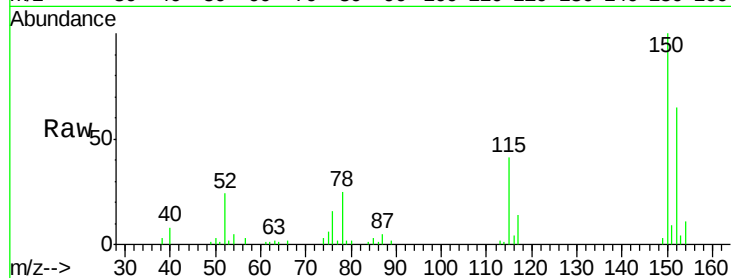


#1

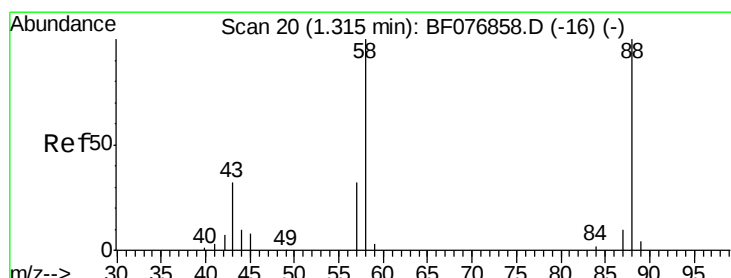
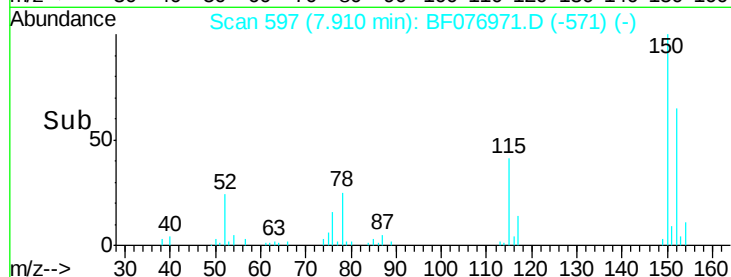
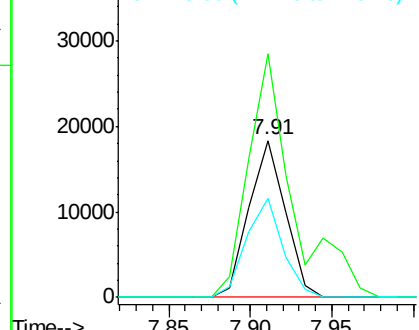
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28251
Ion Ratio Lower Upper
152 100
150 155.0 121.7 182.5
115 62.9 47.0 70.6



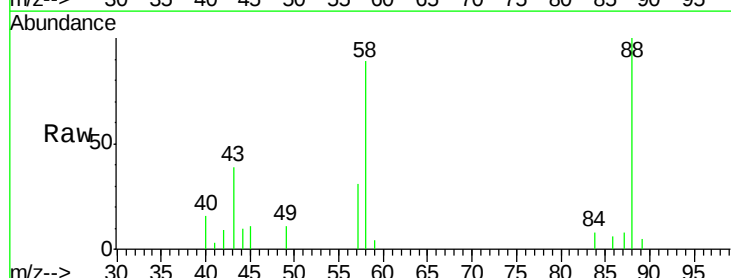
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



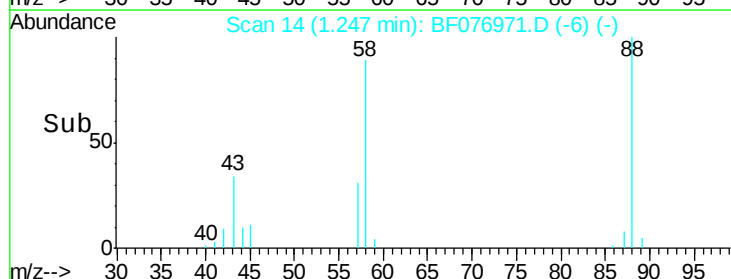
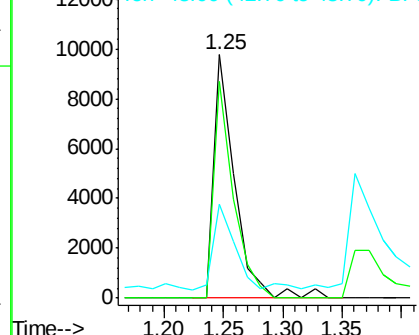
#2

1,4-Dioxane
Concen: 16.16 ng
RT: 1.25 min Scan# 14
Delta R.T. -0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion: 88 Resp: 11890
Ion Ratio Lower Upper
88 100
58 83.9 77.0 115.4
43 38.5 25.6 38.4#



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





#3

Pvridine

Concen: 9.98 ng

RT: 1.76 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampleId :

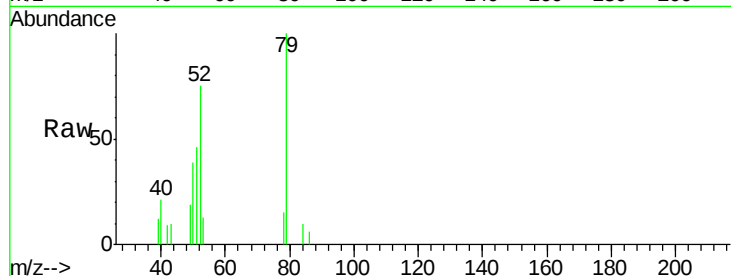
Tot Ion: 79 Resp: 18994

Ion Ratio Lower Upper

79 100

52 75.3 70.1 105.1

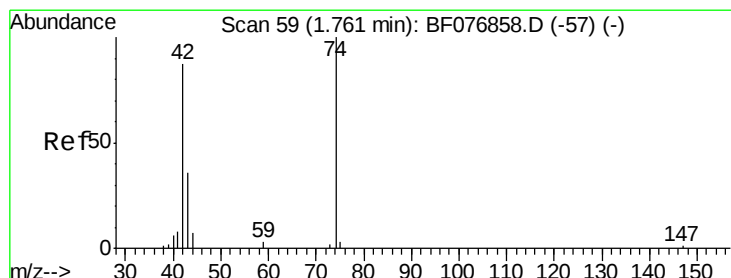
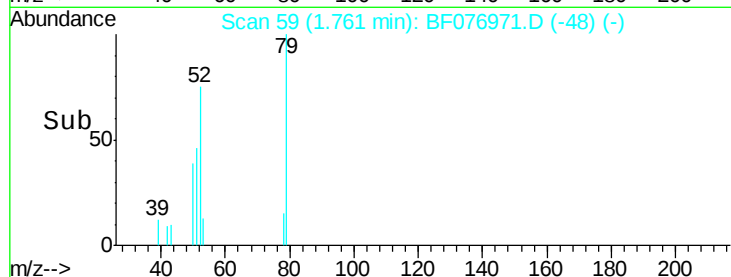
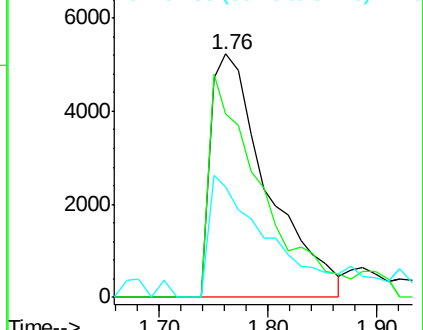
51 45.5 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 18.64 ng

RT: 1.68 min Scan# 52

Delta R.T. -0.01 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

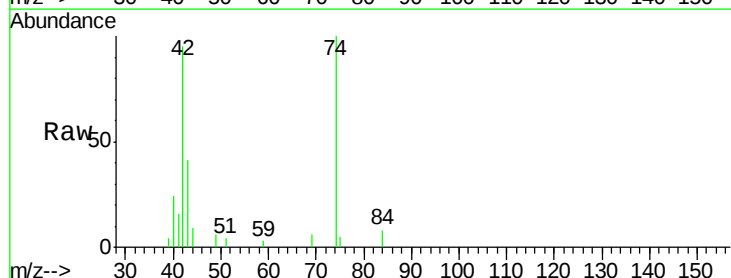
Tgt Ion: 42 Resp: 17575

Ion Ratio Lower Upper

42 100

74 105.0 92.4 138.6

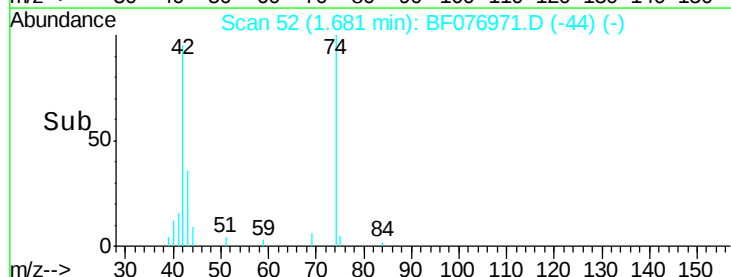
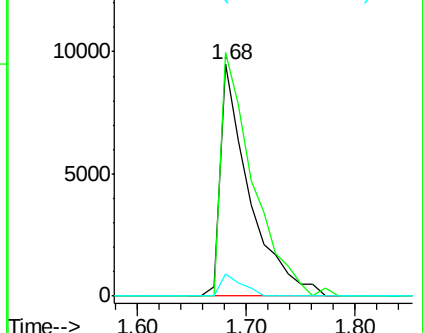
44 9.6 6.2 9.2#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.20 ng

RT: 4.96 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampled :

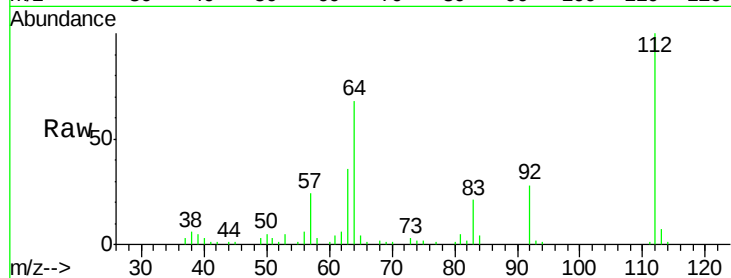
Tot Ion: 112 Resp: 113743

Ion Ratio Lower Upper

112 100

64 67.7 54.2 81.4

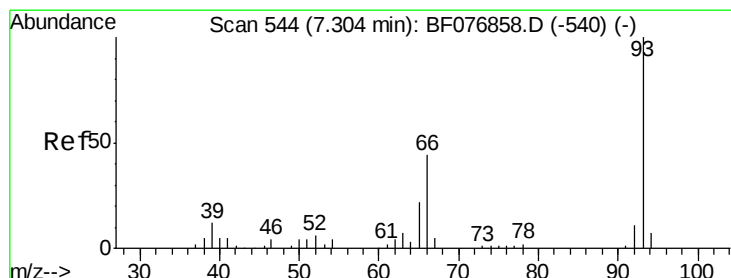
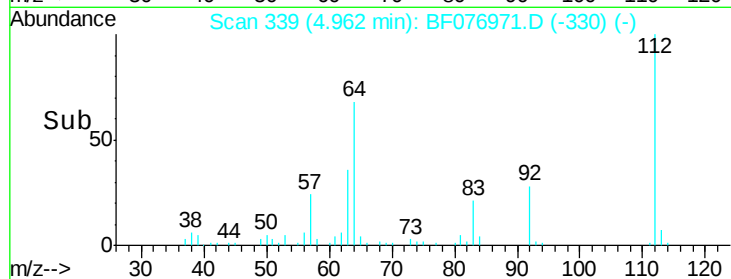
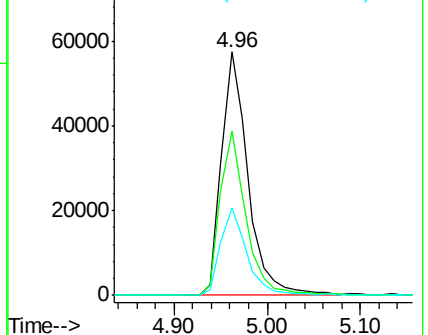
63 35.8 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.01 ng

RT: 7.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

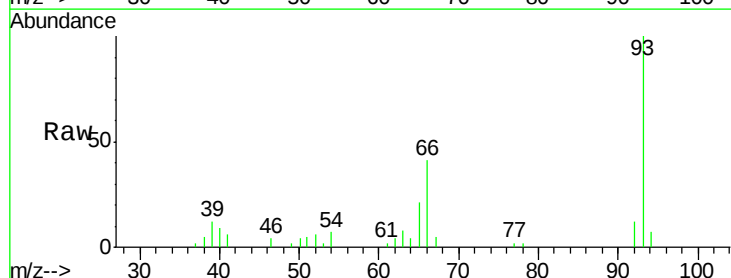
Tgt Ion: 93 Resp: 39025

Ion Ratio Lower Upper

93 100

66 40.9 35.0 52.4

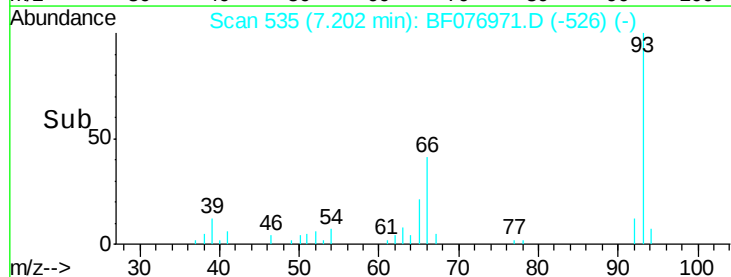
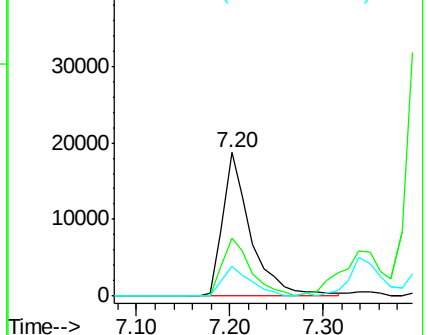
65 20.7 17.7 26.5



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: 40.81 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampled :

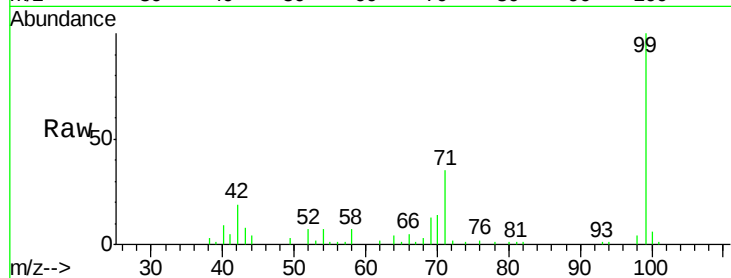
Tot Ion: 99 Resp: 88451

Ion Ratio Lower Upper

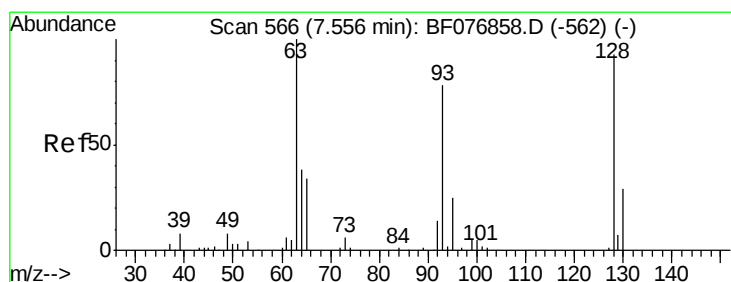
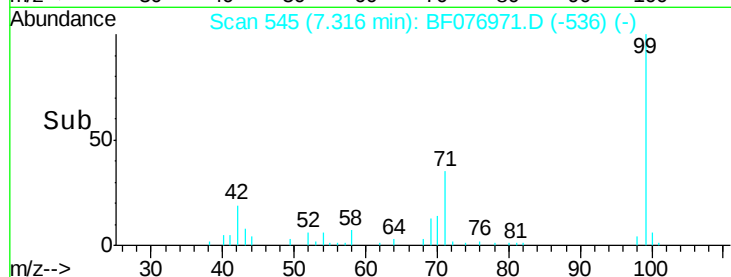
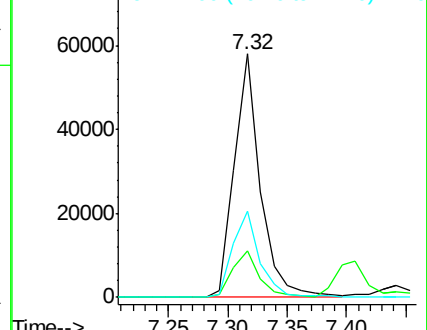
99 100

42 18.9 15.0 22.4

71 35.3 30.5 45.7



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: 36.72 ng

RT: 7.44 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

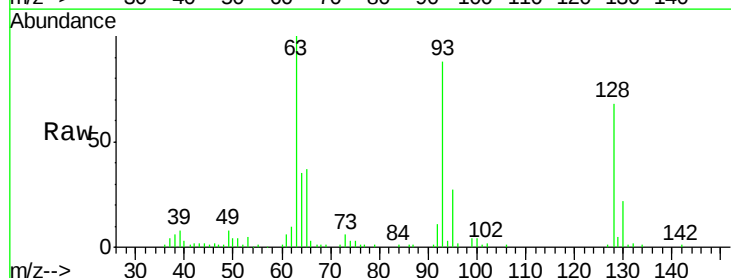
Tgt Ion: 128 Resp: 72733

Ion Ratio Lower Upper

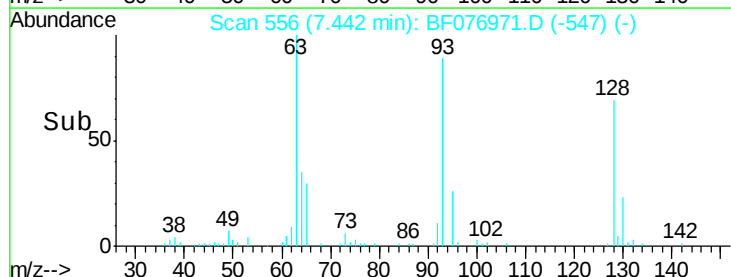
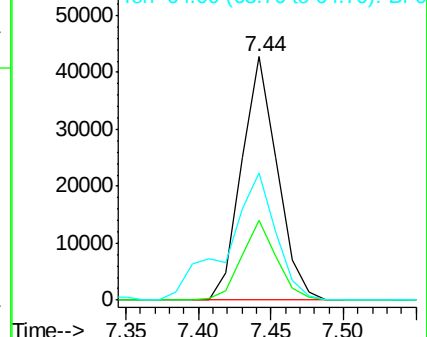
128 100

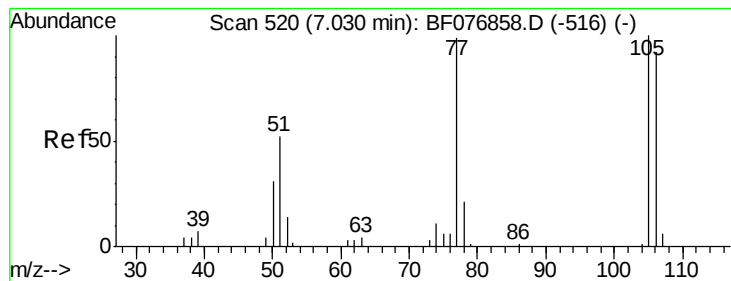
130 32.9 11.0 51.0

64 52.2 29.3 69.3



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: 17.53 ng

RT: 6.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampled :

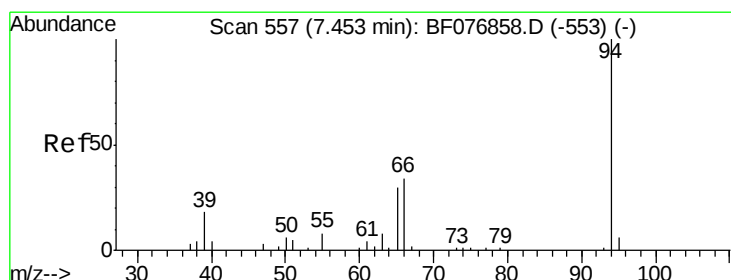
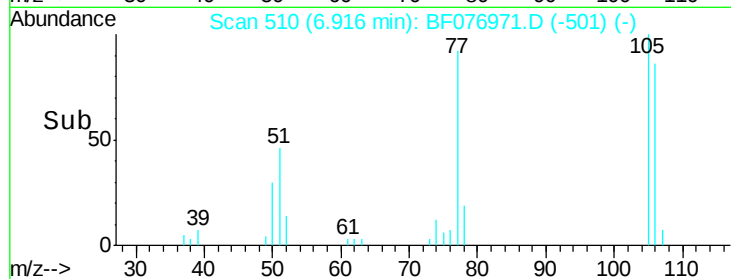
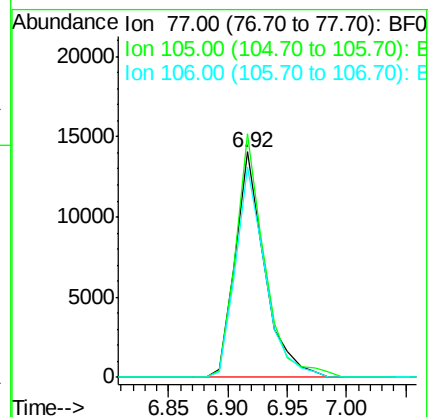
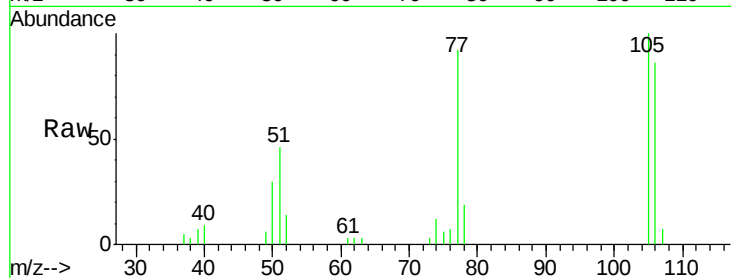
Tot Ion: 77 Resp: 24253

Ion Ratio Lower Upper

77 100

105 108.1 81.4 121.4

106 93.1 72.8 112.8



#10

Phenol

Concen: 13.88 ng

RT: 7.34 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

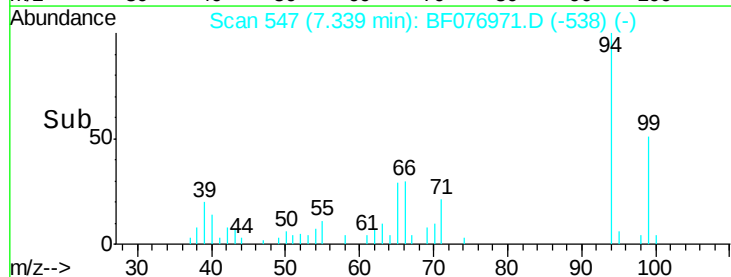
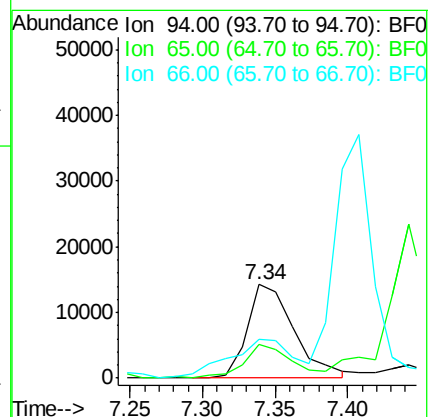
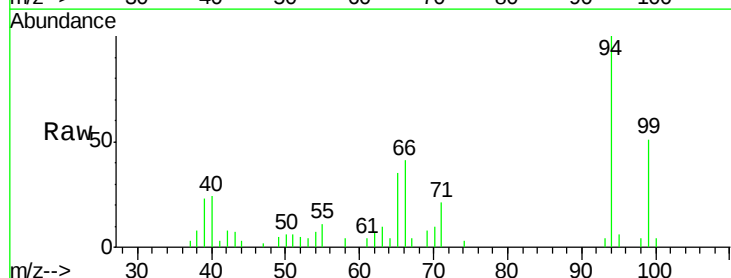
Tgt Ion: 94 Resp: 31954

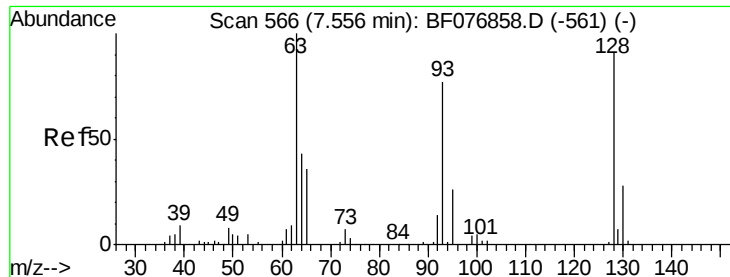
Ion Ratio Lower Upper

94 100

65 35.4 11.3 51.3

66 41.1 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 50.23 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampleId :

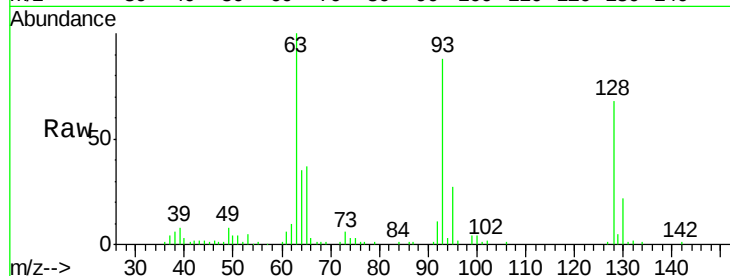
Tot Ion: 93 Resp: 90467

Ion Ratio Lower Upper

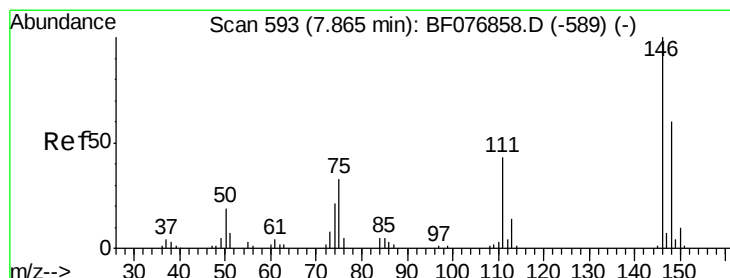
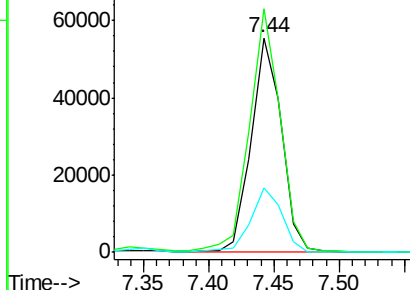
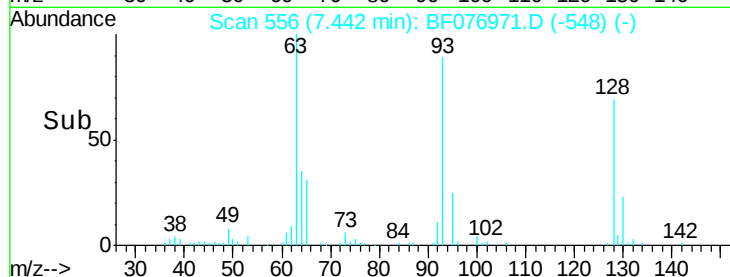
93 100

63 113.3 111.3 151.3

95 30.2 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.81 ng

RT: 7.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

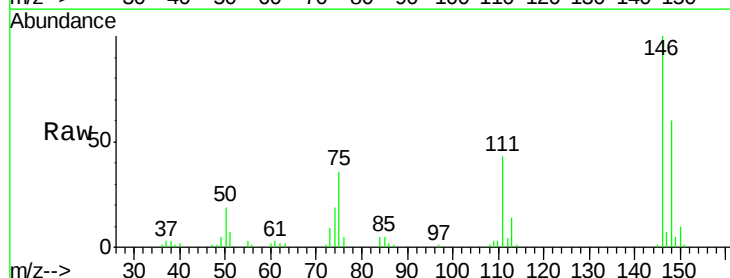
Tgt Ion: 146 Resp: 91965

Ion Ratio Lower Upper

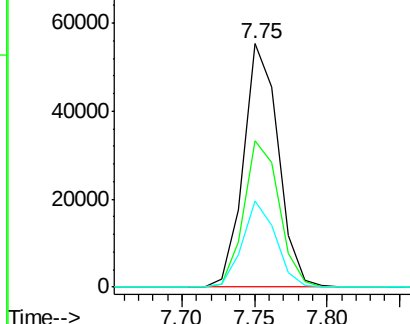
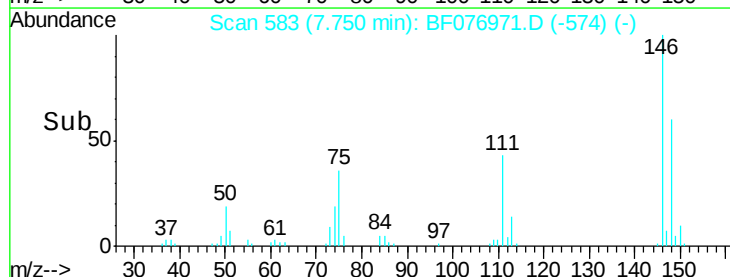
146 100

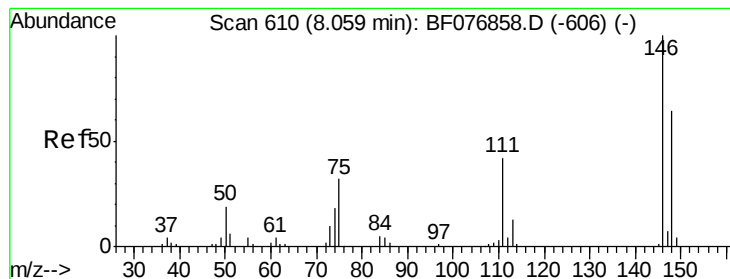
148 60.2 48.1 72.1

75 35.6 26.8 40.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.14 ng

RT: 7.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampleId :

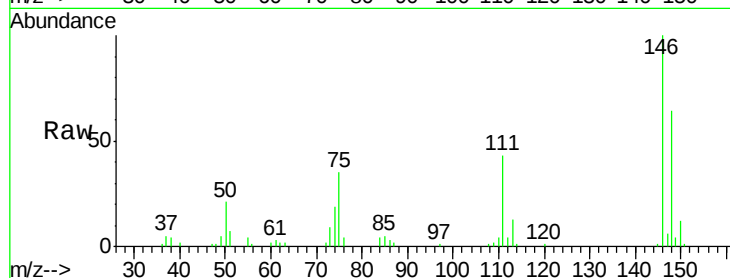
Tot Ion:146 Resp: 93535

Ion Ratio Lower Upper

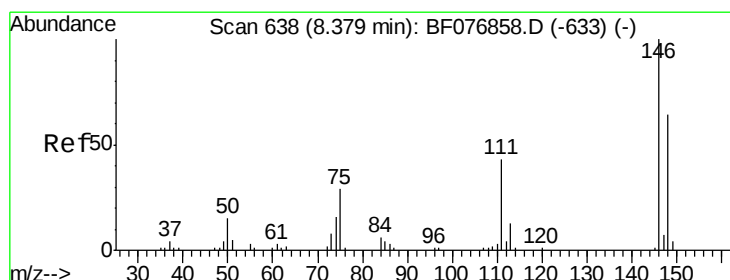
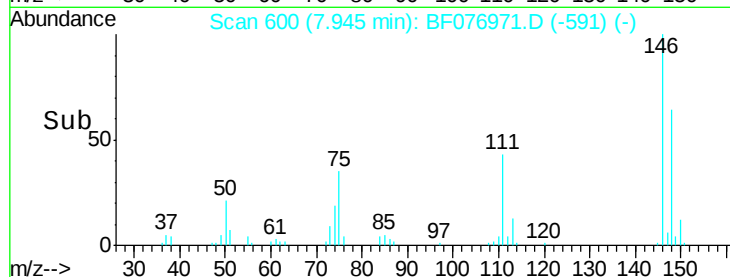
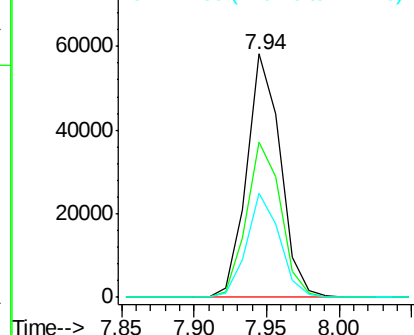
146 100

148 63.9 51.5 77.3

111 42.9 33.9 50.9



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: 41.66 ng

RT: 8.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

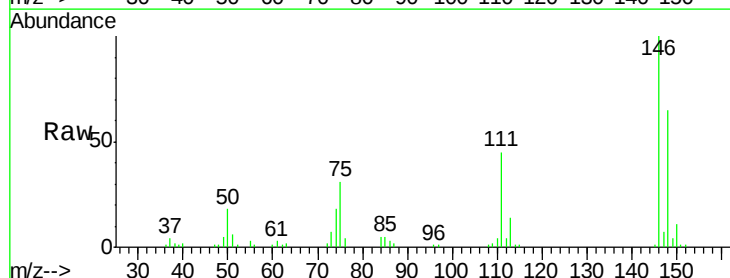
Tgt Ion:146 Resp: 91732

Ion Ratio Lower Upper

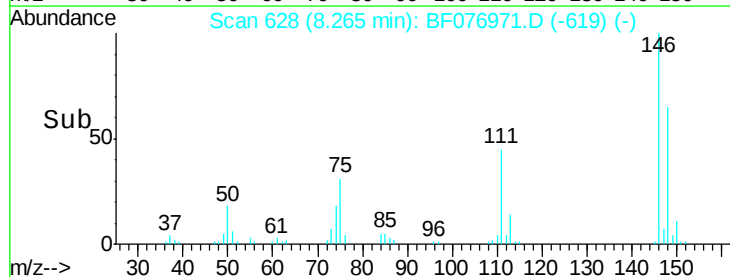
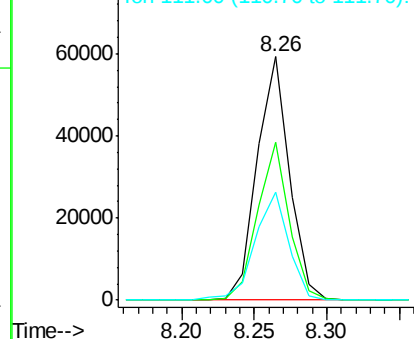
146 100

148 64.6 51.3 76.9

111 44.5 34.5 51.7



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: 26.56 ng

RT: 8.34 min Scan# 635

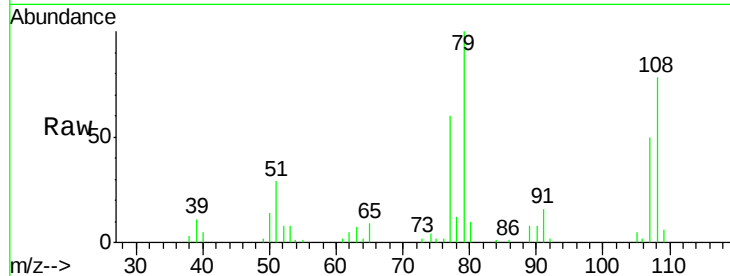
Delta R.T. 0.00 min

Lab File: BF076971.D

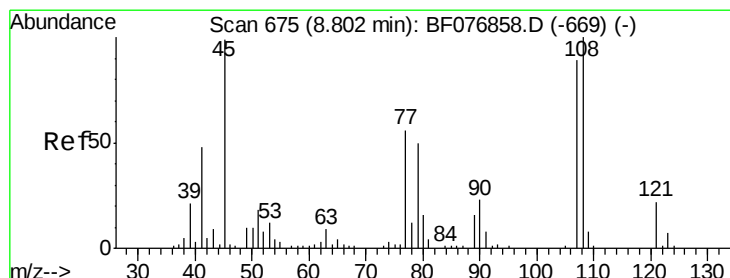
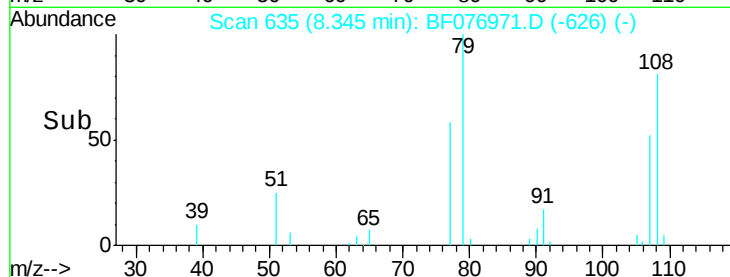
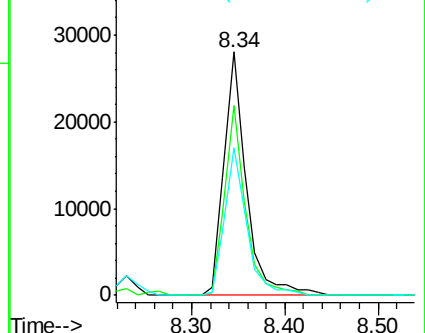
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	79	Resp:	46594
Ion	Ratio	Lower	Upper
79	100		
108	77.7	57.2	85.8
77	60.4	51.2	76.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.73 ng

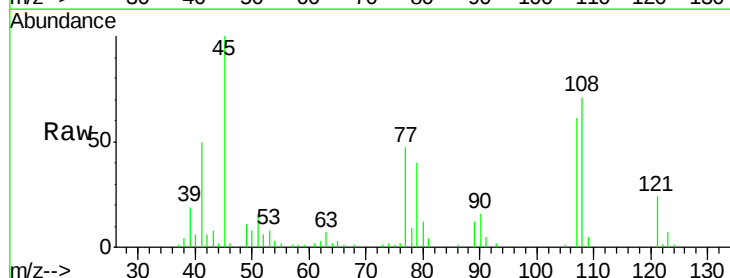
RT: 8.70 min Scan# 666

Delta R.T. 0.00 min

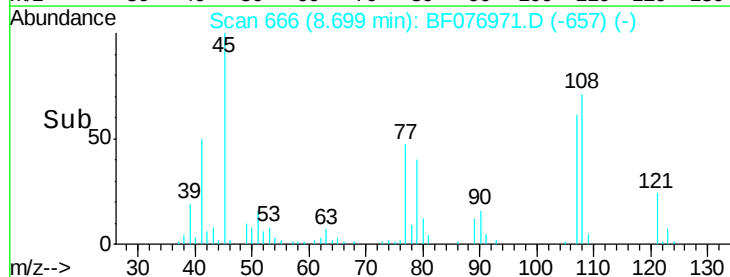
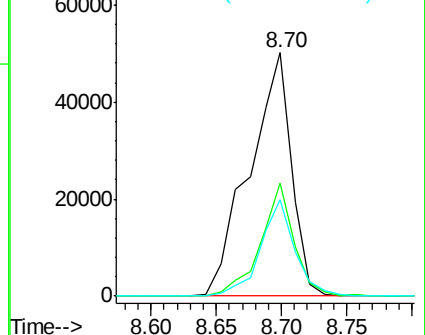
Lab File: BF076971.D

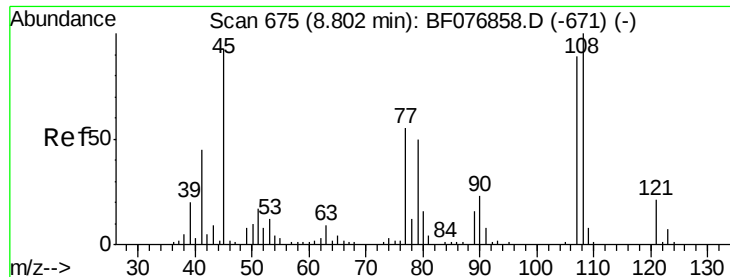
Acq: 20 Jan 2015 20:12

Tgt Ion:	45	Resp:	113123
Ion	Ratio	Lower	Upper
45	100		
77	46.5	36.1	76.1
79	39.8	30.5	70.5



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

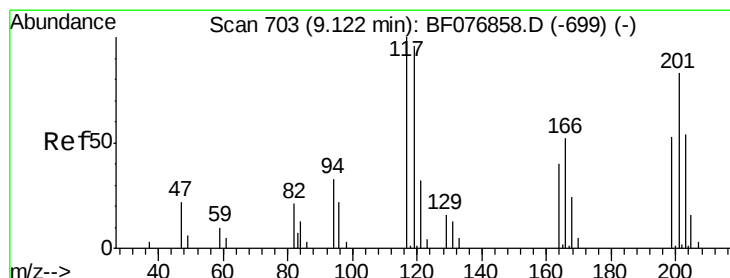
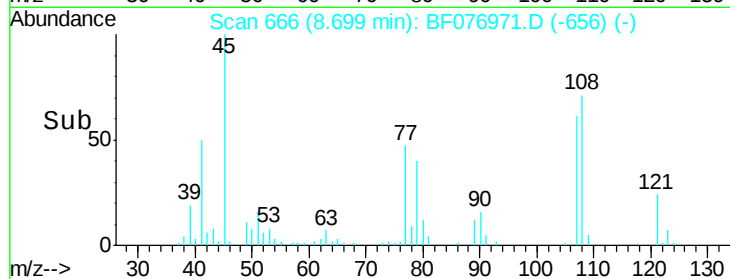
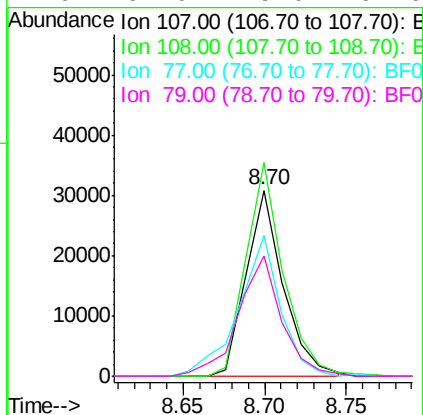
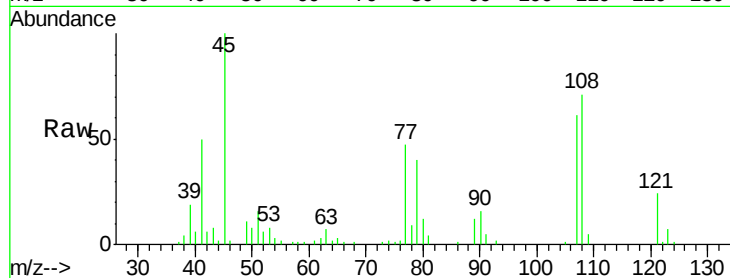




#17
2-Methylphenol
Concen: 30.19 ng
RT: 8.70 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

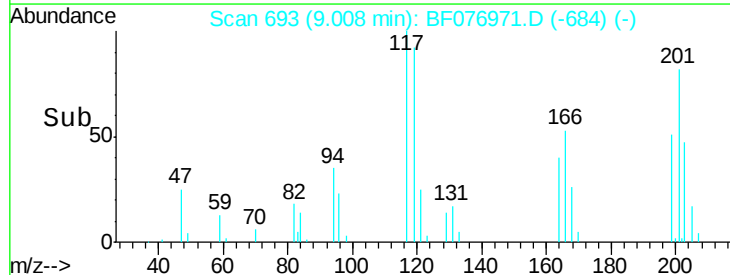
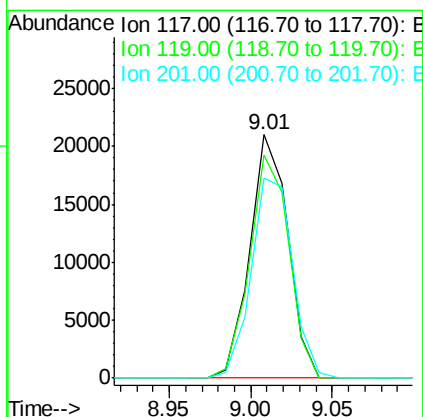
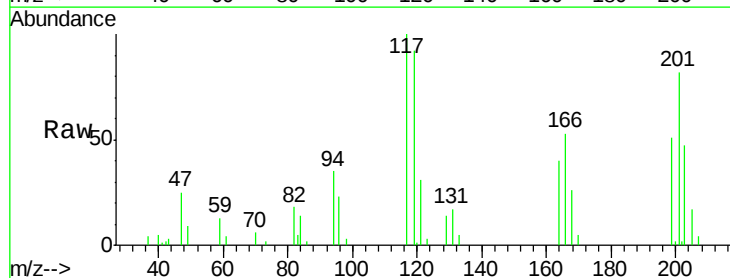
Instrument :
BNA_F
ClientSampleId :

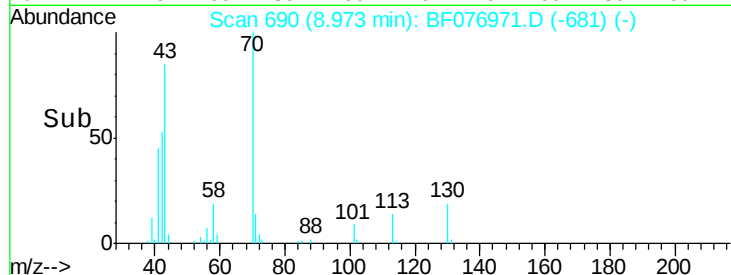
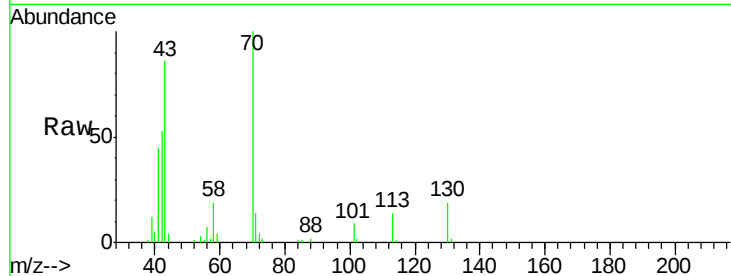
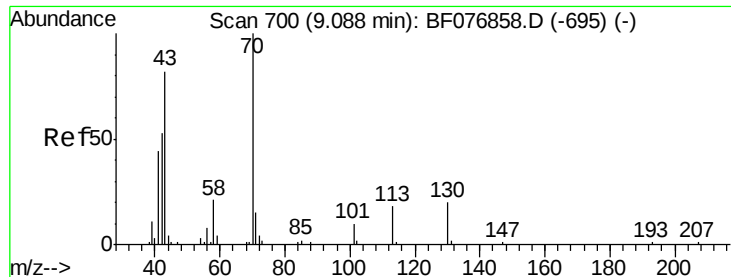
Tot Ion:107 Resp: 48864
Ion Ratio Lower Upper
107 100
108 114.9 89.7 134.5
77 75.8 50.1 75.1#
79 64.9 45.0 67.6



#18
Hexachloroethane
Concen: 40.98 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:117 Resp: 34061
Ion Ratio Lower Upper
117 100
119 91.8 77.1 115.7
201 82.1 66.8 100.2

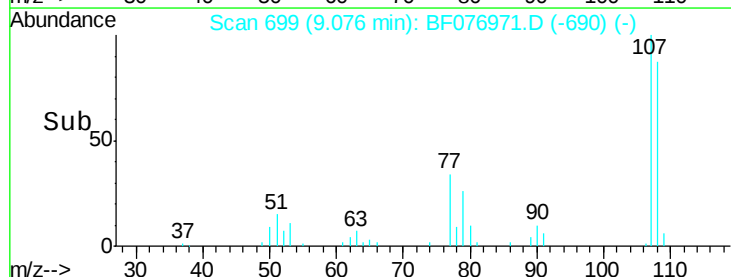
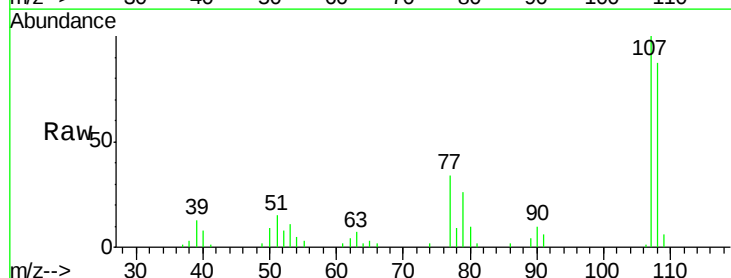
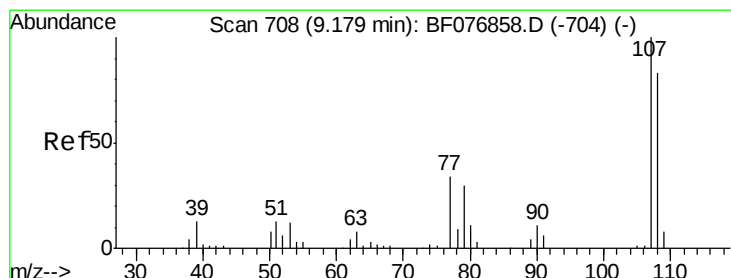
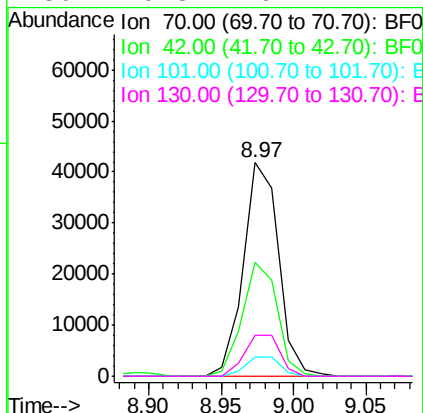




#19
n-Nitroso-di-n-propylamine
Concen: 46.37 ng
RT: 8.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

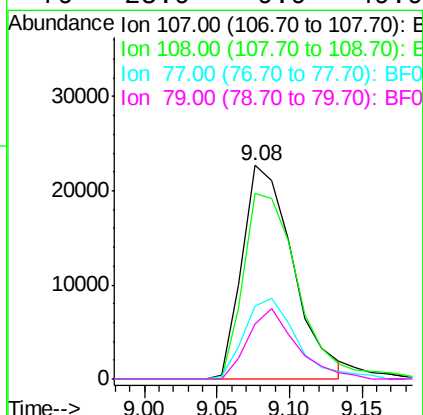
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	70361
Ion	Ratio	Lower	Upper
70	100		
42	53.2	42.1	63.1
101	8.9	7.8	11.8
130	19.3	16.2	24.4



#20
3+4-Methylphenols
Concen: 25.75 ng
RT: 9.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:	107	Resp:	55187
Ion	Ratio	Lower	Upper
107	100		
108	87.1	63.5	103.5
77	34.1	14.0	54.0
79	25.9	9.9	49.9

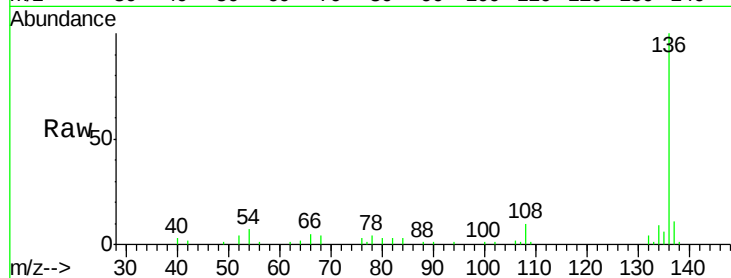




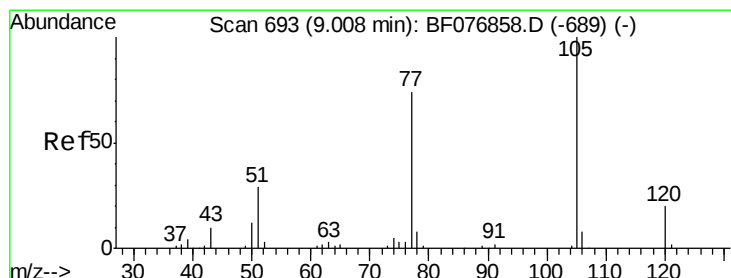
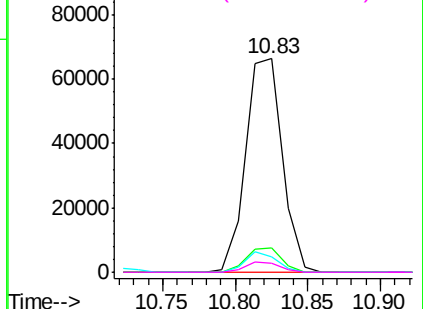
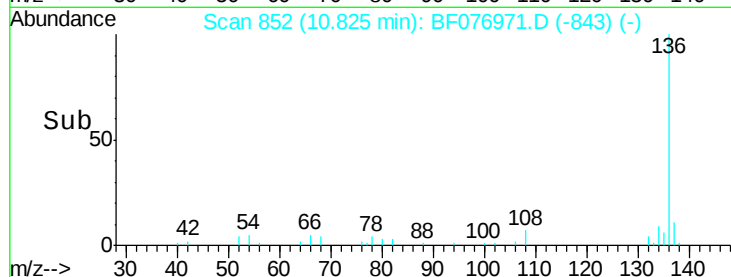
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	116281
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.1 12.1
54	7.2	7.0 10.4
68	4.1	3.7 5.5

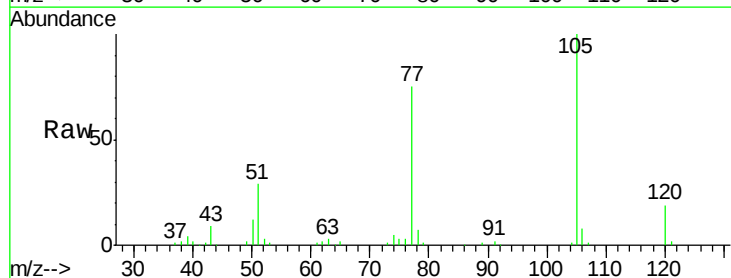


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

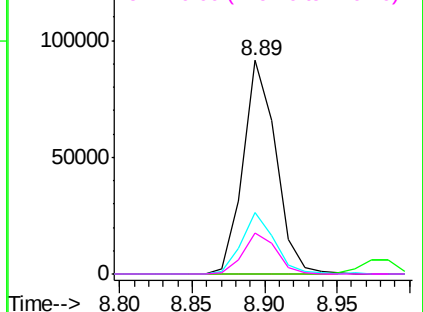
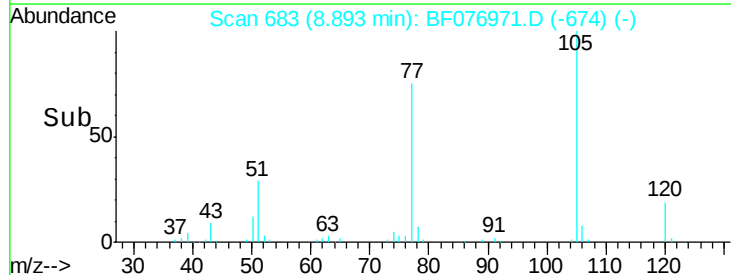


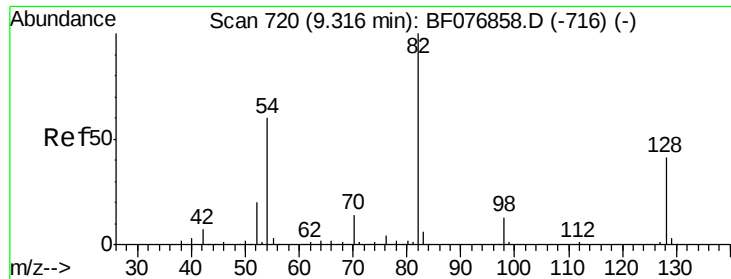
#22
Acetophenone
Concen: 50.54 ng
RT: 8.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:105	Resp:	143932
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	28.9	23.3 34.9
120	19.0	16.1 24.1



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

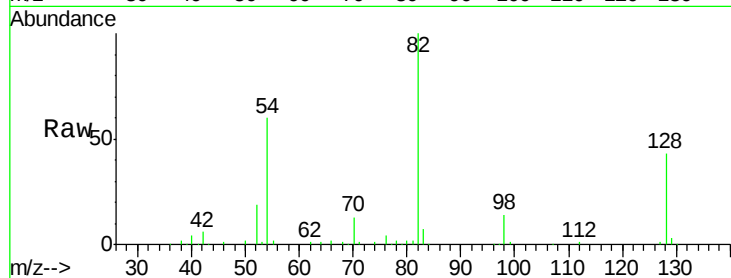




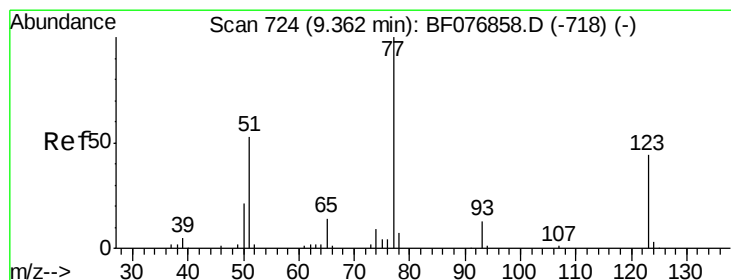
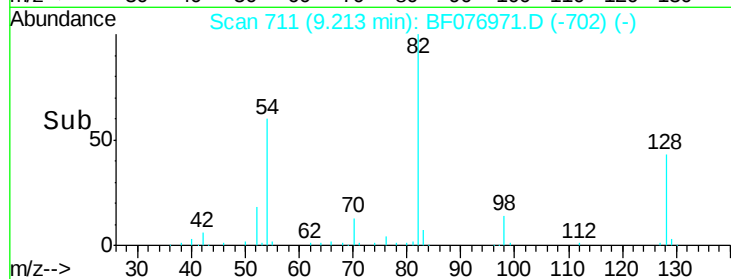
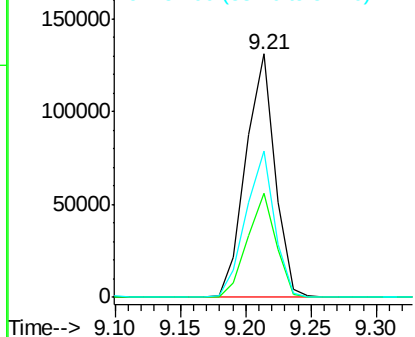
#23
Nitrobenzene-d5
Concen: 97.26 ng
RT: 9.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	204136
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.1	49.7
54	59.8	48.3	72.5

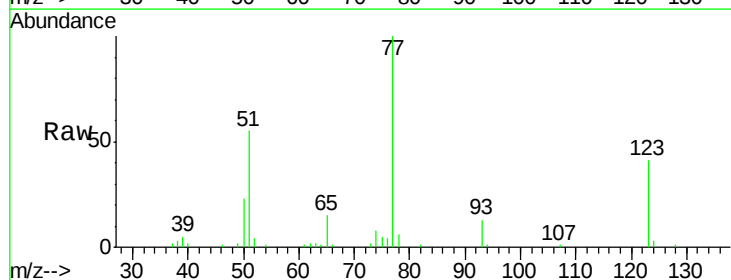


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

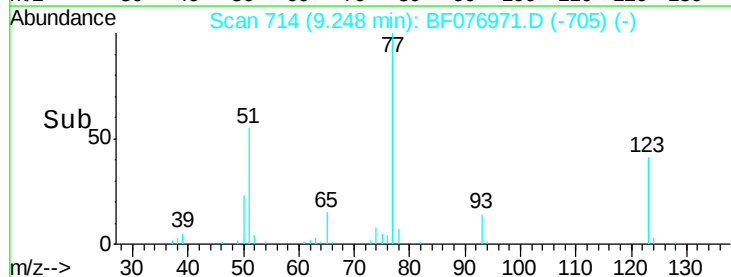
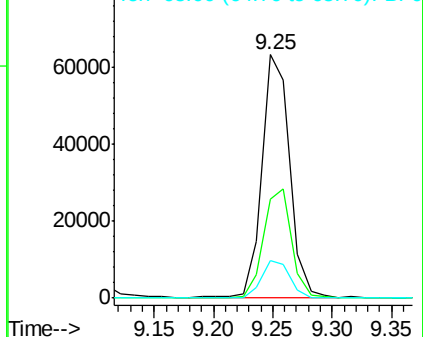


#24
Nitrobenzene
Concen: 48.38 ng
RT: 9.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion	77	Resp	103453
Ion Ratio	Lower	Upper	
77	100		
123	40.9	35.2	52.8
65	15.2	11.4	17.2



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

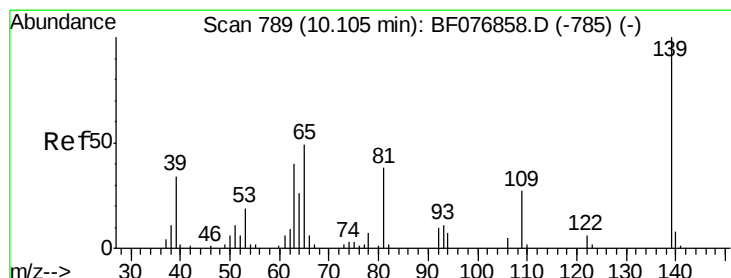
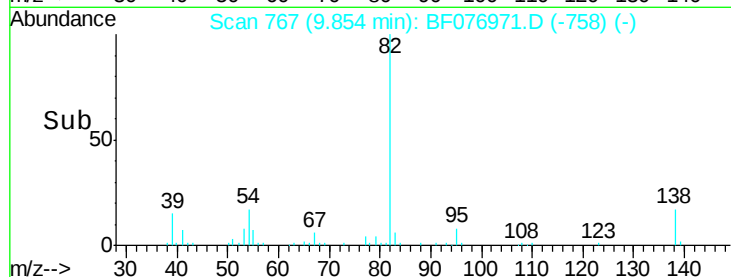
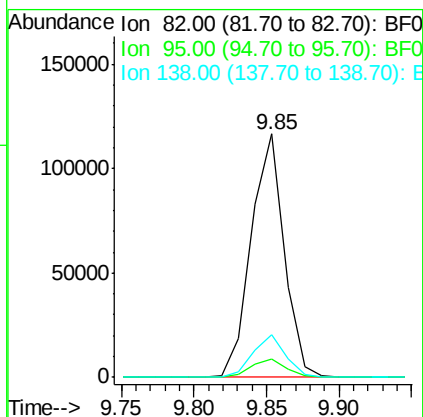
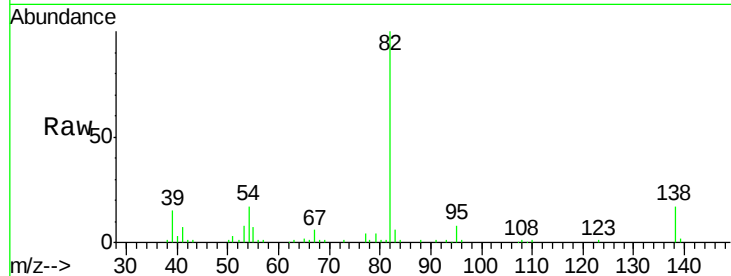




#25
Isophorone
Concen: 48.15 ng
RT: 9.85 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

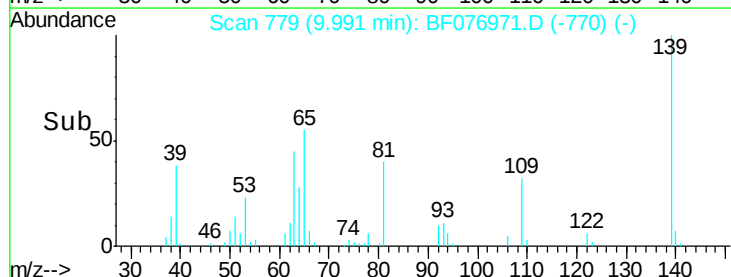
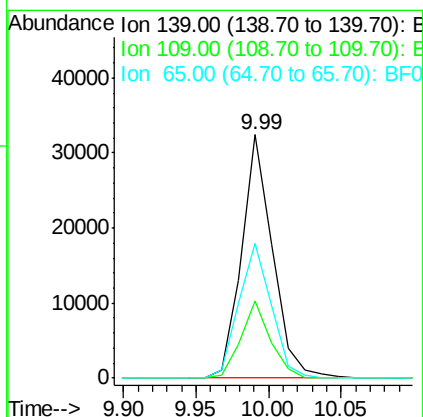
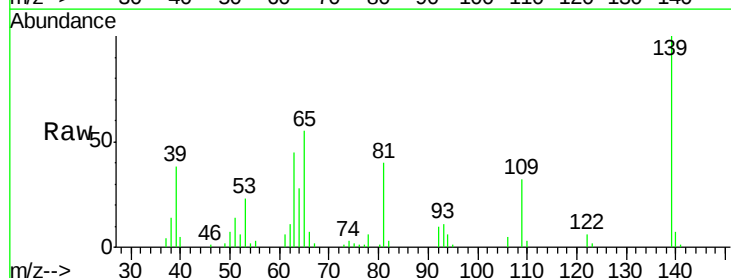
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 184046
Ion Ratio Lower Upper
82 100
95 7.7 6.6 10.0
138 17.4 12.6 18.8



#26
2-Nitrophenol
Concen: 44.25 ng
RT: 9.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion: 139 Resp: 48291
Ion Ratio Lower Upper
139 100
109 31.6 21.3 31.9
65 55.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.63 ng

RT: 10.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

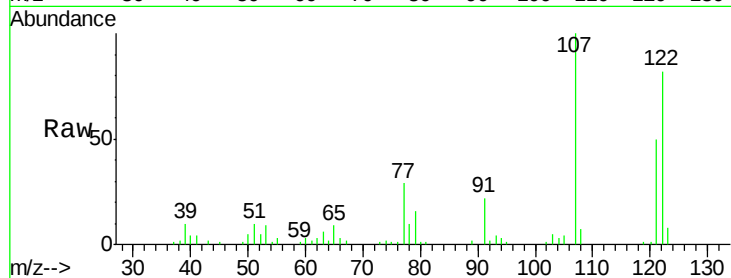
Tot Ion:122 Resp: 70477

Ion Ratio Lower Upper

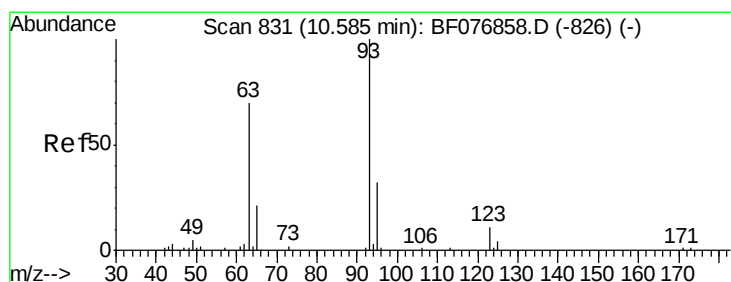
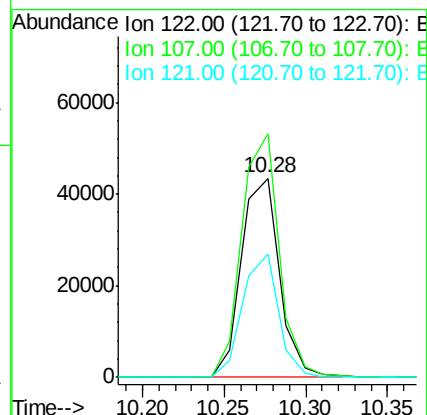
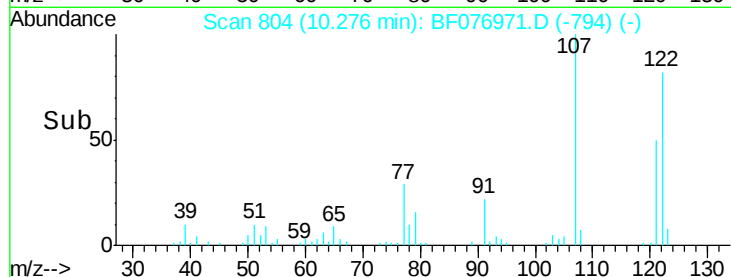
122 100

107 122.4 95.2 142.8

121 61.8 42.9 64.3



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: 51.40 ng

RT: 10.48 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

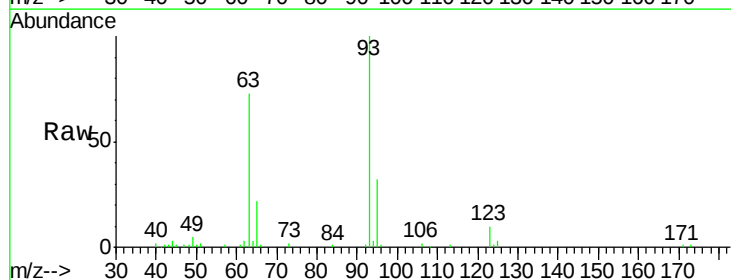
Tgt Ion: 93 Resp: 111665

Ion Ratio Lower Upper

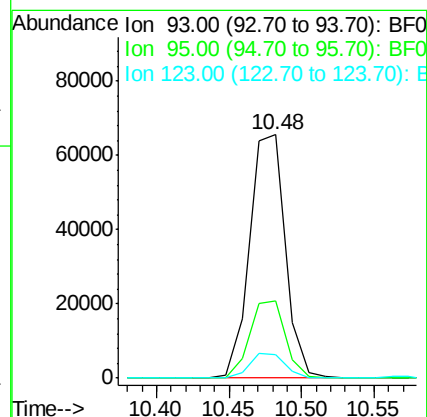
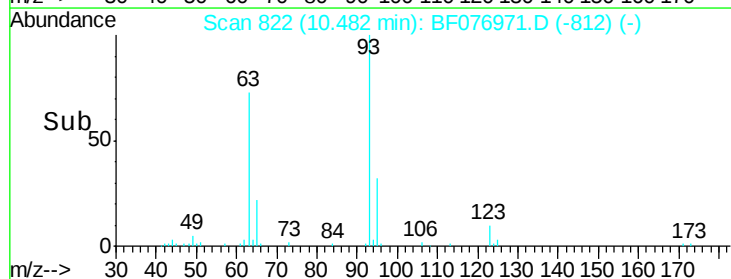
93 100

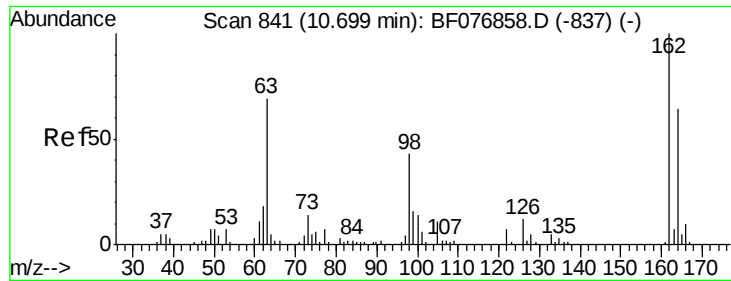
95 31.7 25.6 38.4

123 9.5 8.9 13.3



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

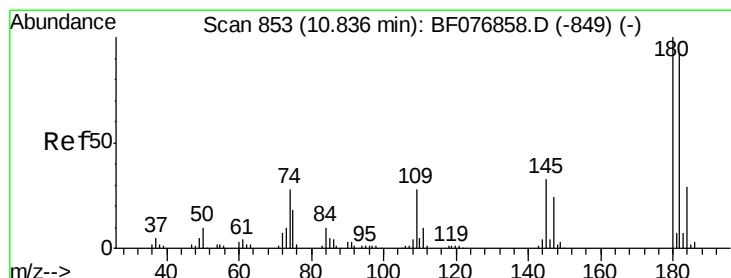
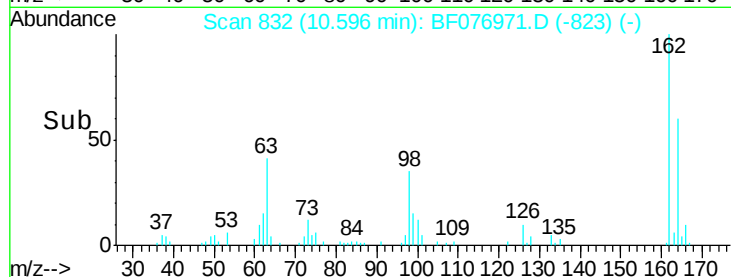
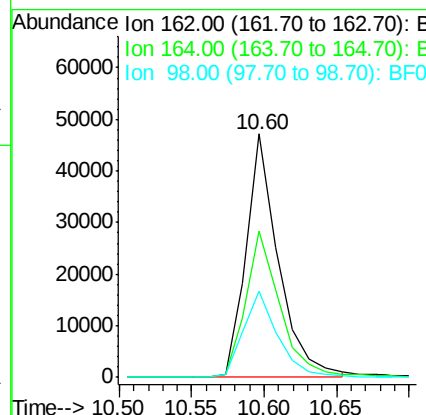
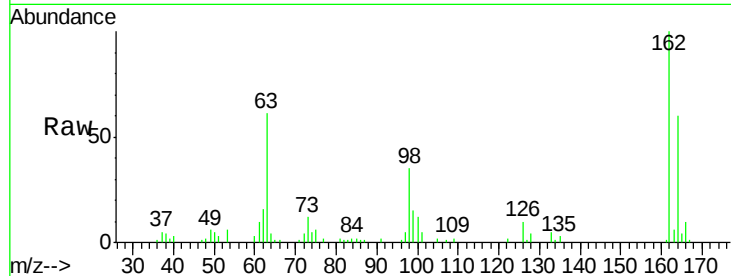




#29
2,4-Dichlorophenol
Concen: 47.54 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

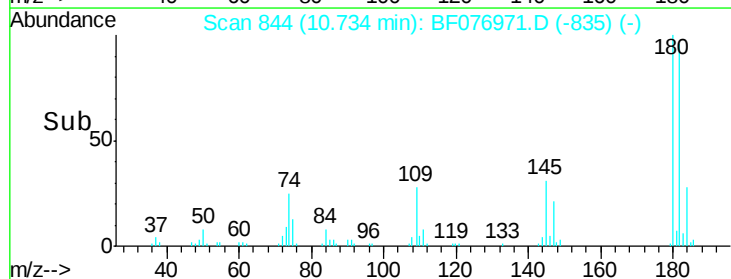
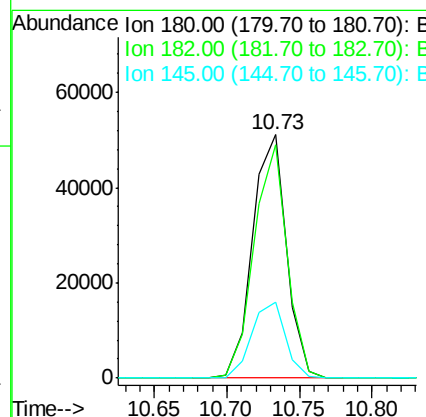
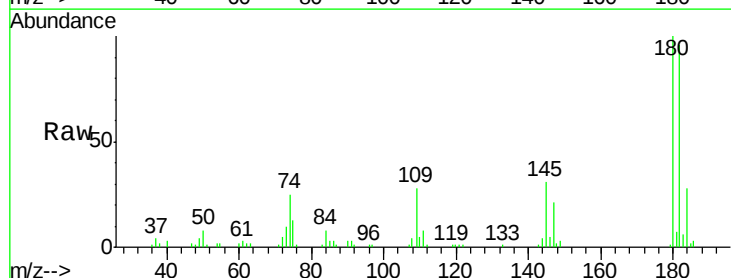
Instrument :
BNA_F
ClientSampleId :

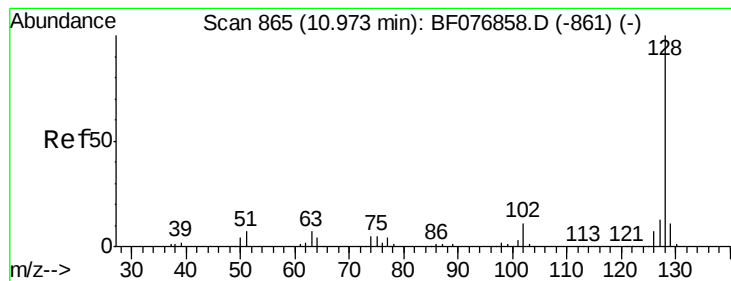
Tot Ion:162 Resp: 73260
Ion Ratio Lower Upper
162 100
164 60.3 43.8 83.8
98 35.4 22.5 62.5



#30
1,2,4-Trichlorobenzene
Concen: 48.24 ng
RT: 10.73 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:180 Resp: 82571
Ion Ratio Lower Upper
180 100
182 96.1 73.6 110.4
145 31.3 26.6 39.8





#31

Naphthalene

Concen: 45.71 ng

RT: 10.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampleId :

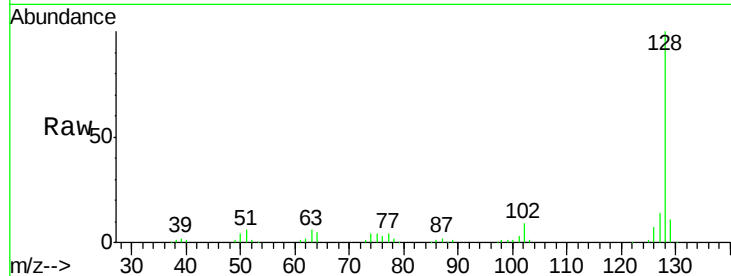
Tot Ion:128 Resp: 273623

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

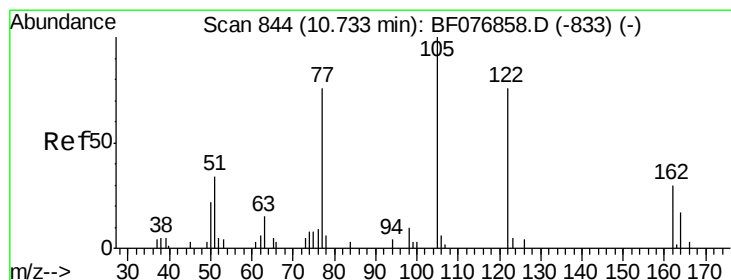
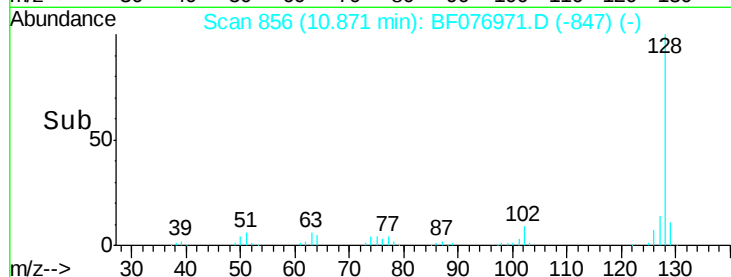
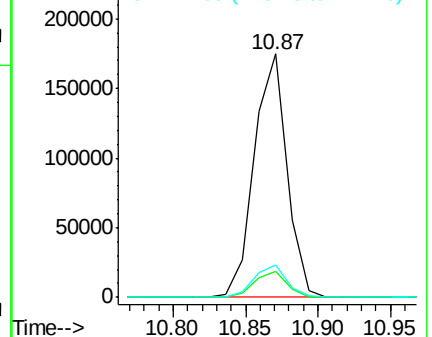
127 13.5 10.2 15.2



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: 16.82 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

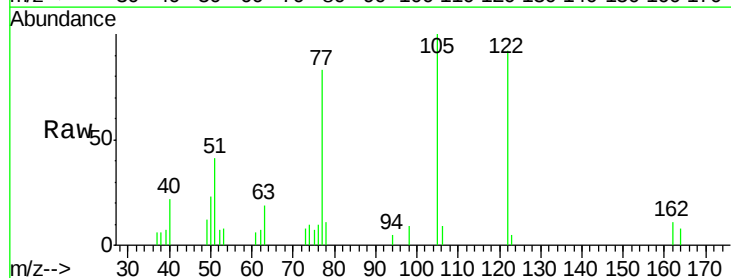
Tgt Ion:122 Resp: 15404

Ion Ratio Lower Upper

122 100

105 109.1 111.3 151.3#

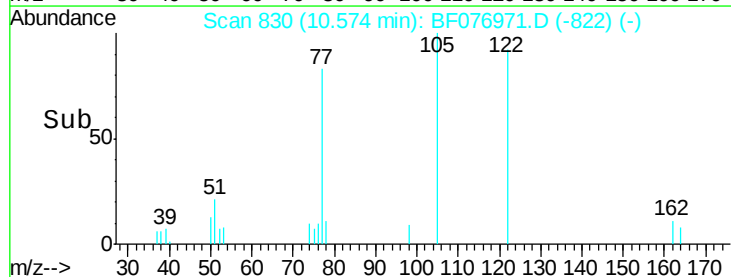
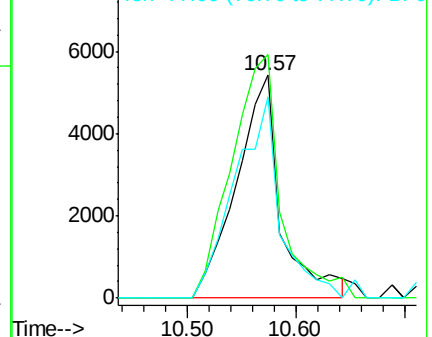
77 90.1 79.2 119.2



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

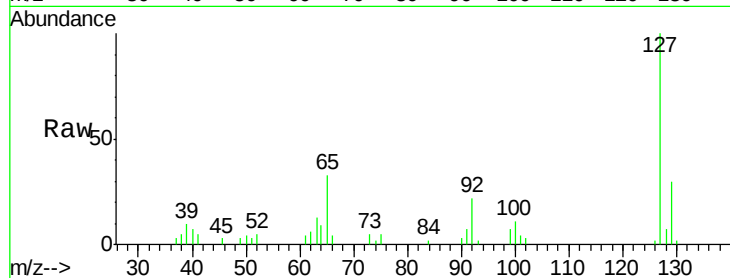




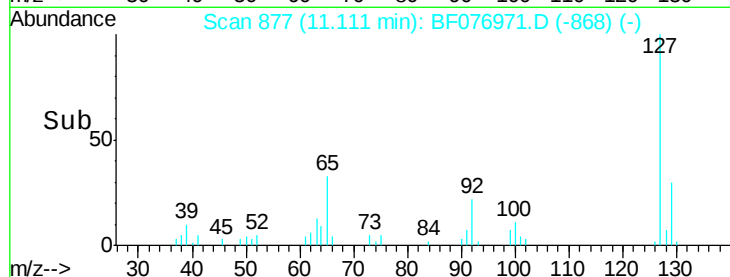
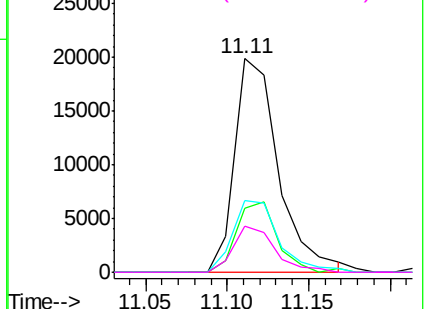
#33
4-Chloroaniline
Concen: 15.24 ng
RT: 11.11 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 36864
Ion Ratio Lower Upper
127 100
129 30.0 25.3 37.9
65 33.3 27.8 41.6
92 21.8 16.5 24.7

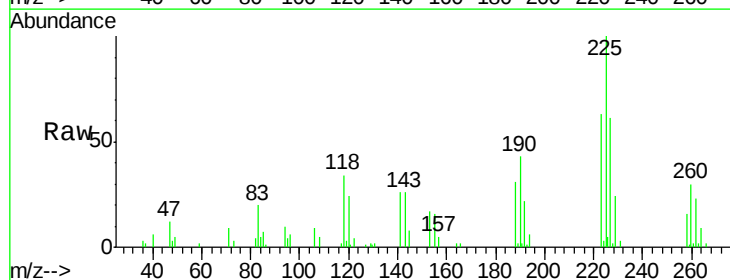


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

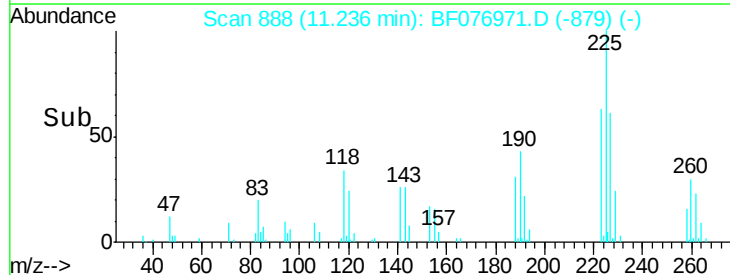
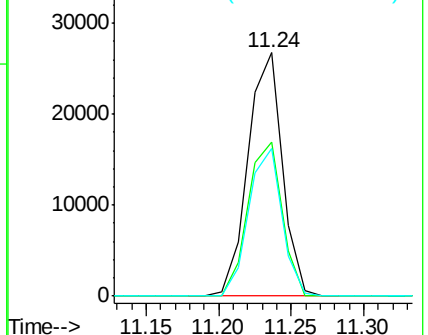


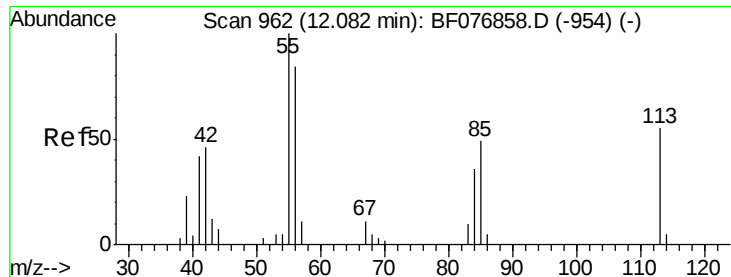
#34
Hexachlorobutadiene
Concen: 43.23 ng
RT: 11.24 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:225 Resp: 43908
Ion Ratio Lower Upper
225 100
223 63.3 49.1 73.7
227 60.8 47.5 71.3



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

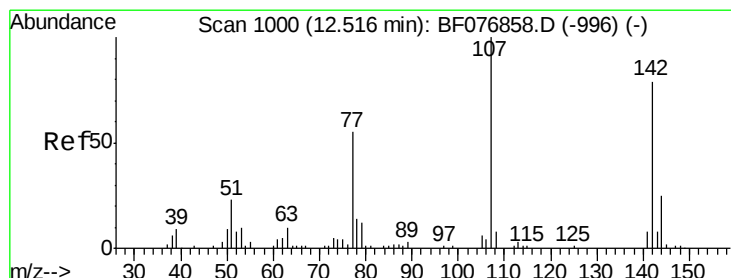
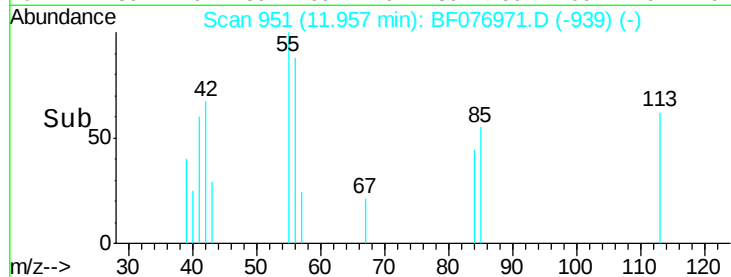
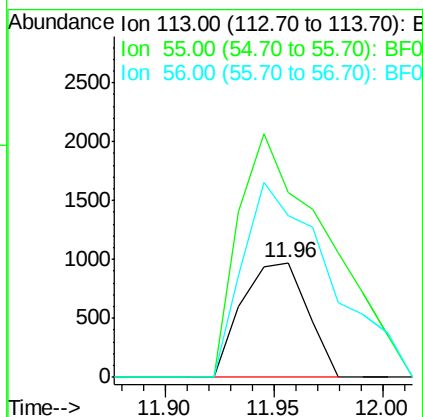
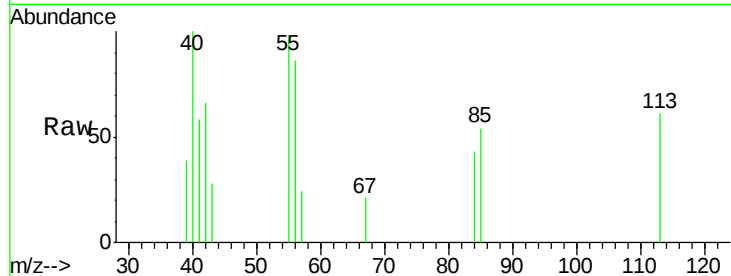




#35
 Caprolactam
 Concen: 4.52 ng
 RT: 11.96 min Scan# 951
 Delta R.T. 0.03 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

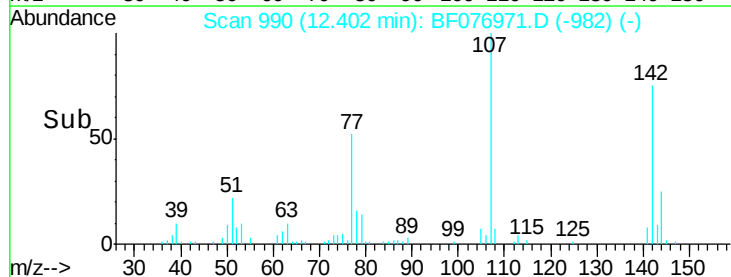
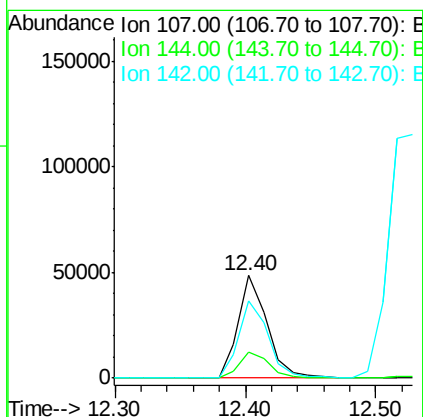
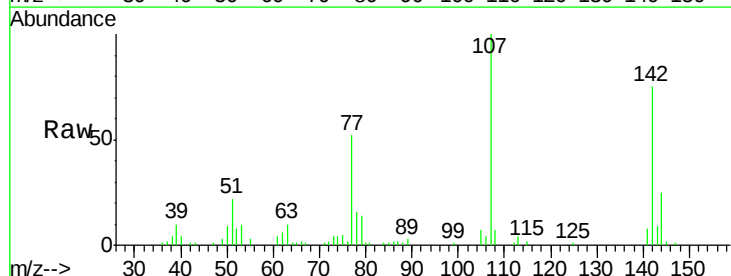
Instrument :
 BNA_F
 ClientSampled :

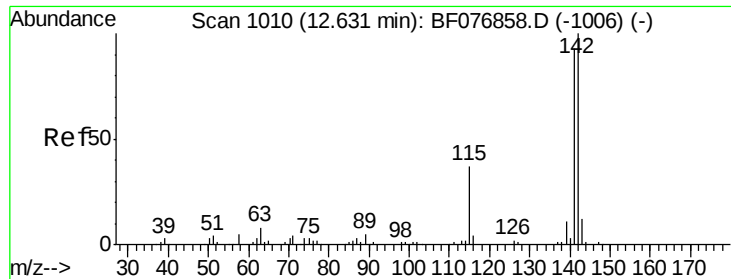
Tot Ion:113 Resp: 2049
 Ion Ratio Lower Upper
 113 100
 55 160.5 162.1 202.1#
 56 140.8 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.46 ng
 RT: 12.40 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:107 Resp: 74922
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 75.3 63.5 95.3

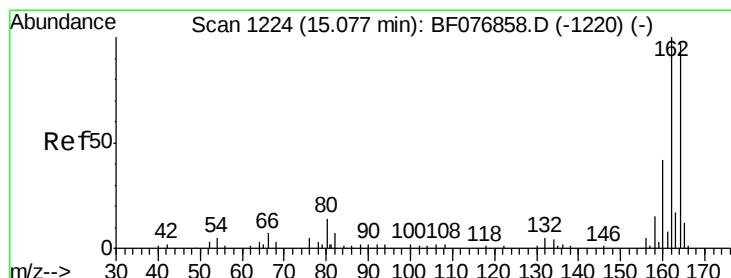
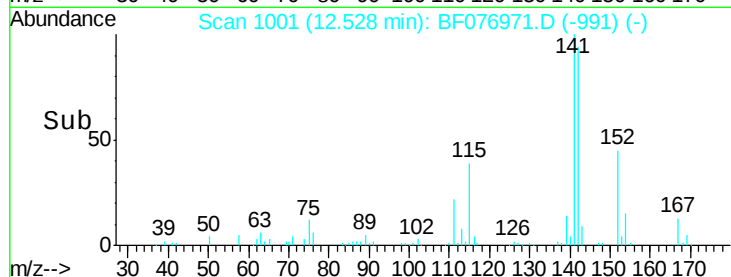
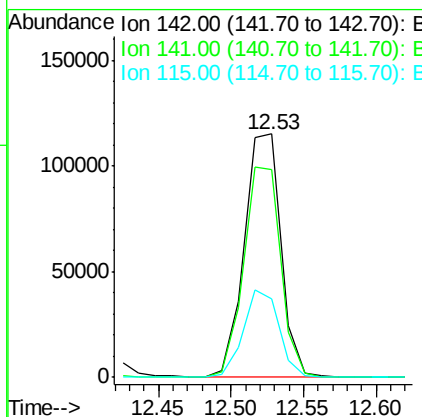
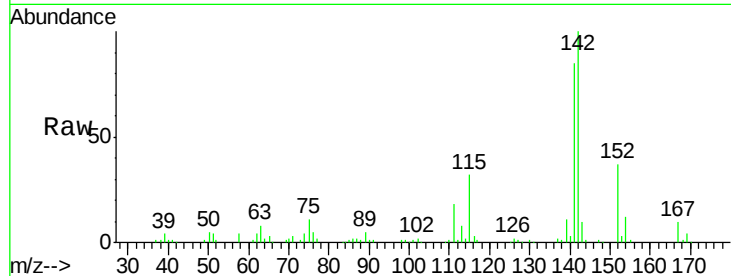




#37
2-Methylnaphthalene
Concen: 49.04 ng
RT: 12.53 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

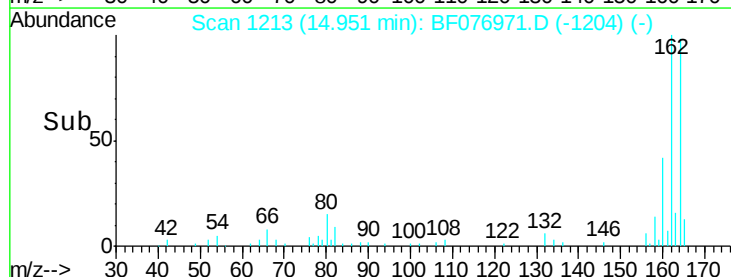
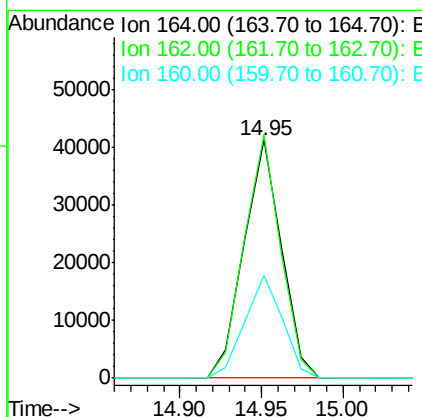
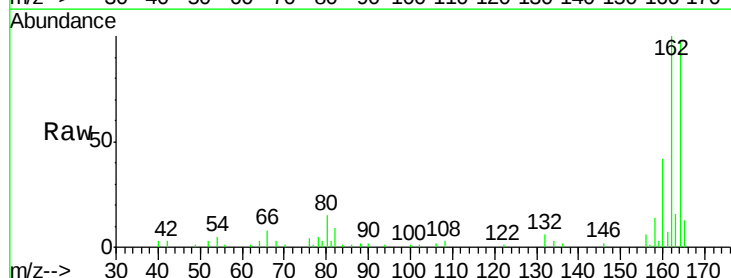
Instrument :
BNA_F
ClientSampleId :

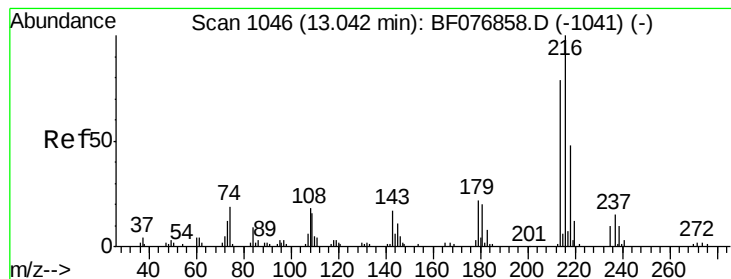
Tot Ion:142 Resp: 200484
Ion Ratio Lower Upper
142 100
141 85.3 74.5 111.7
115 32.4 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:164 Resp: 65732
Ion Ratio Lower Upper
164 100
162 102.4 82.4 123.6
160 43.2 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.65 ng

RT: 12.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 77436

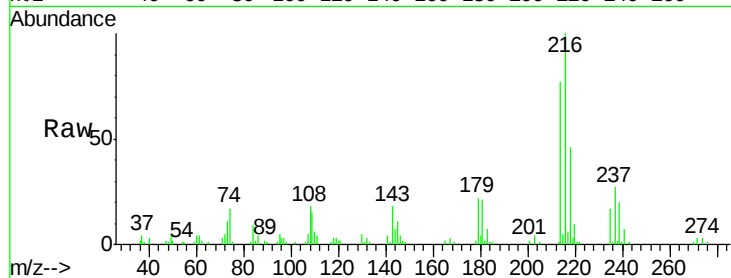
Ion Ratio Lower Upper

216 100

214 78.2 64.9 97.3

179 23.5 18.6 28.0

108 24.2 18.1 27.1

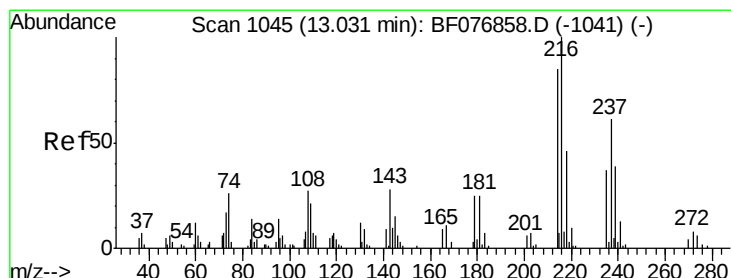
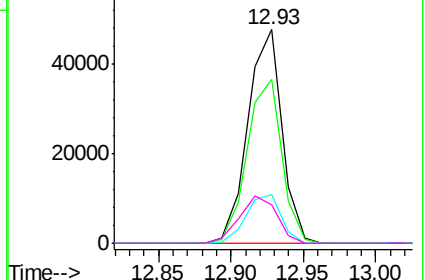
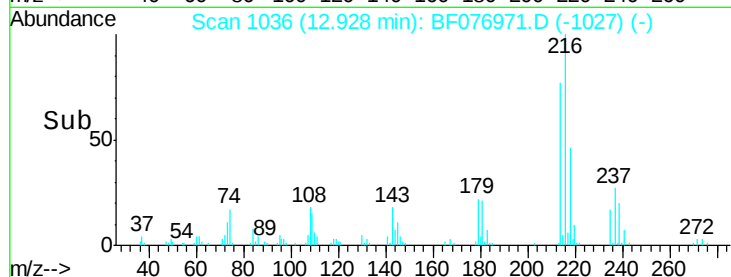


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.90 ng

RT: 12.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

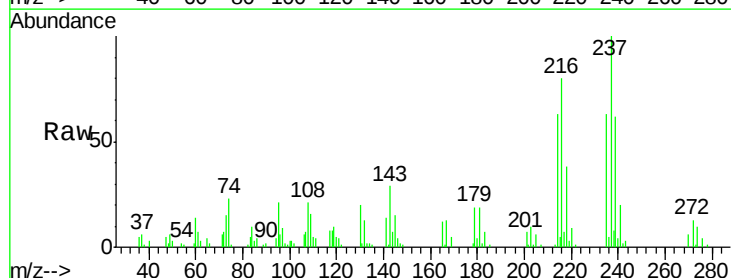
Tgt Ion:237 Resp: 77317

Ion Ratio Lower Upper

237 100

235 62.7 40.4 80.4

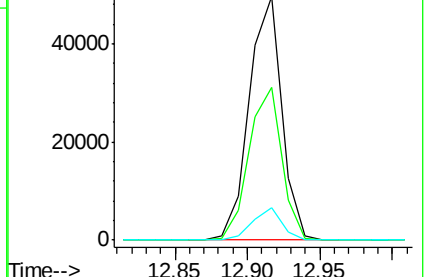
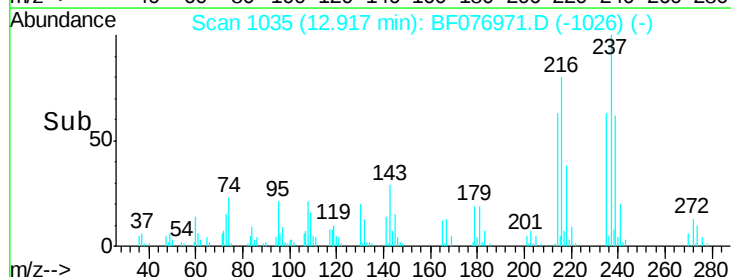
272 13.4 0.0 33.2



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

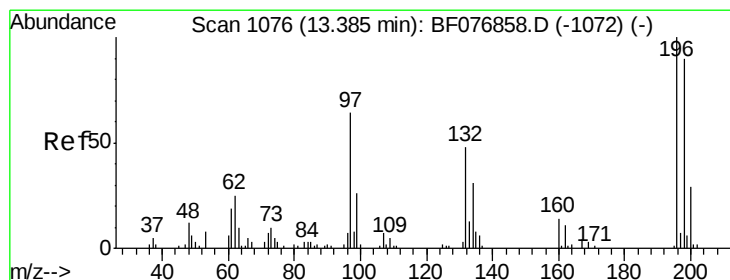
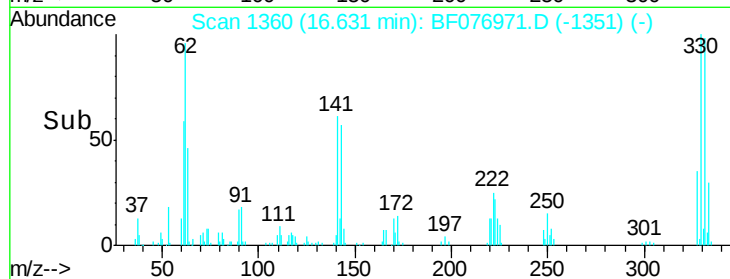
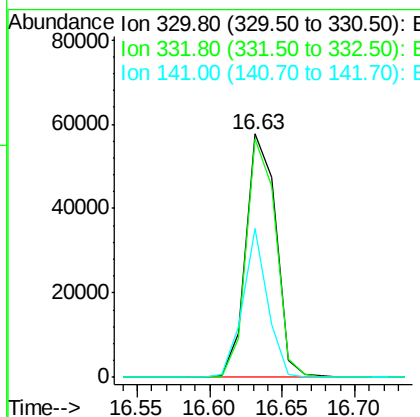
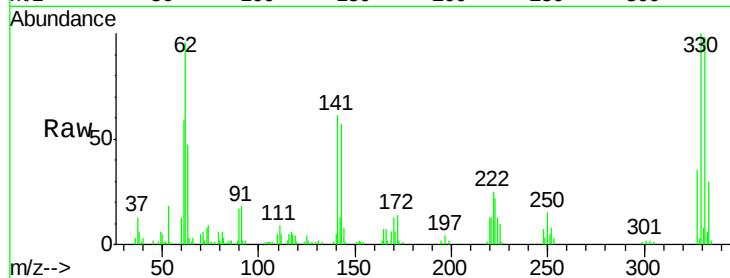




#41
 2,4,6-Tribromophenol
 Concen: 154.99 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

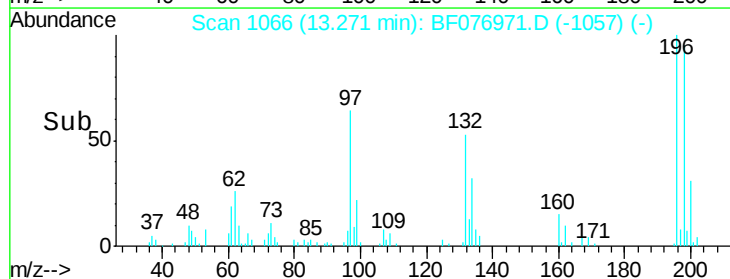
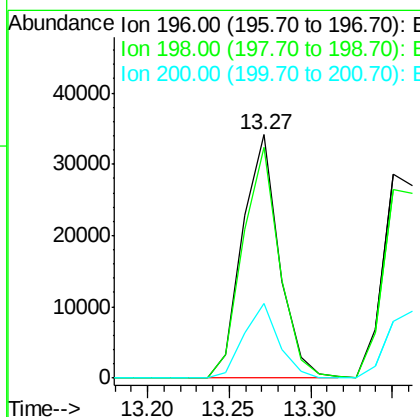
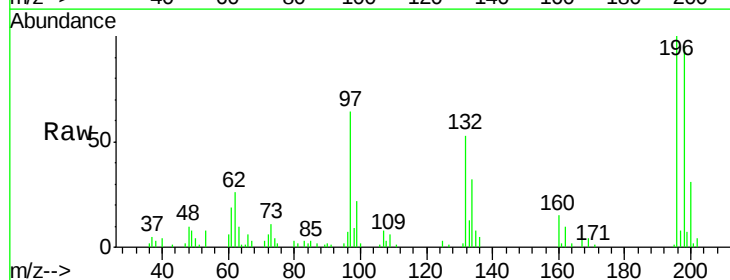
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 82699
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 50.5 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 44.93 ng
 RT: 13.27 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:196 Resp: 53196
 Ion Ratio Lower Upper
 196 100
 198 94.8 72.0 108.0
 200 30.8 23.4 35.2

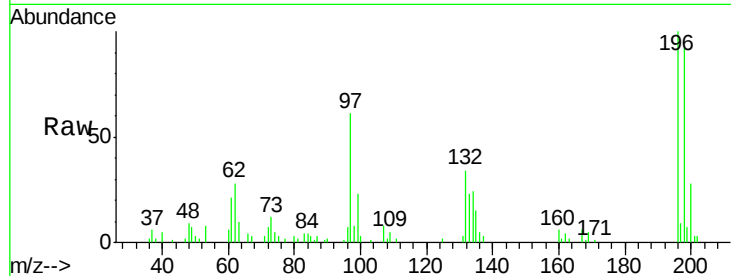




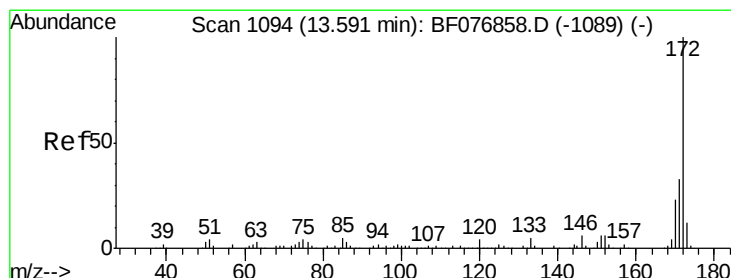
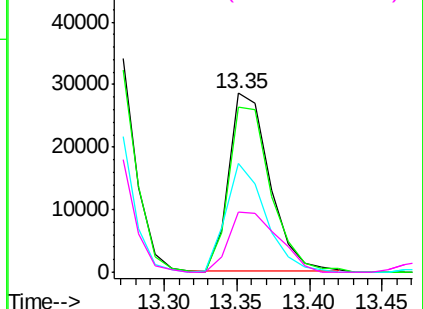
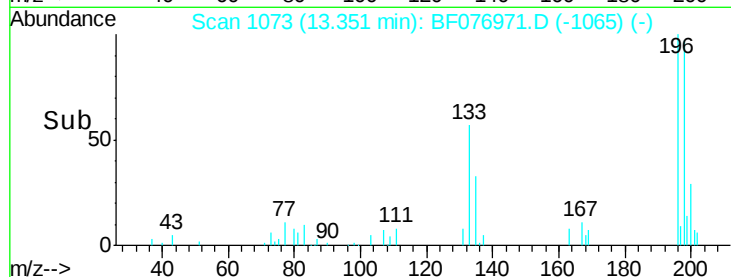
#43
2,4,5-Trichlorophenol
Concen: 45.51 ng
RT: 13.35 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 54964
Ion Ratio Lower Upper
196 100
198 92.4 76.6 115.0
97 60.6 43.4 65.0
132 33.5 23.7 35.5

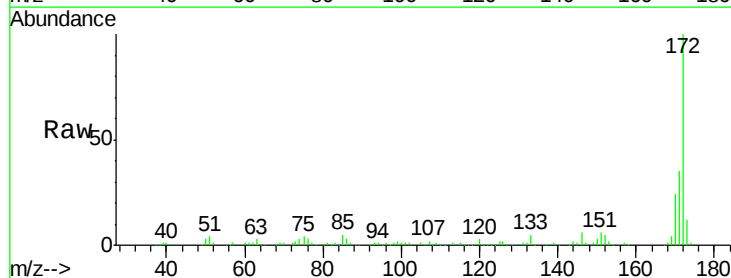


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

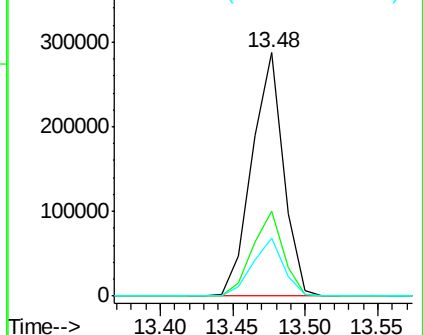
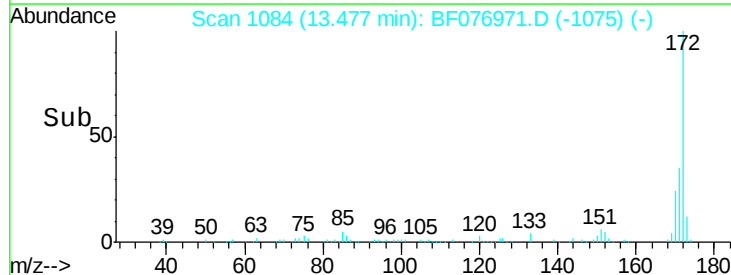


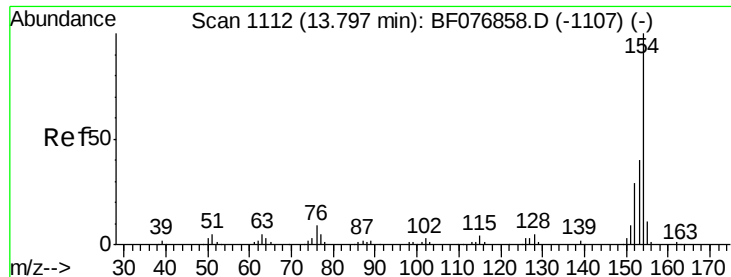
#44
2-Fluorobiphenyl
Concen: 100.31 ng
RT: 13.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:172 Resp: 433258
Ion Ratio Lower Upper
172 100
171 35.1 26.6 40.0
170 23.8 18.0 27.0



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: 49.41 ng

RT: 13.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

Instrument :

BNA_F

ClientSampleId :

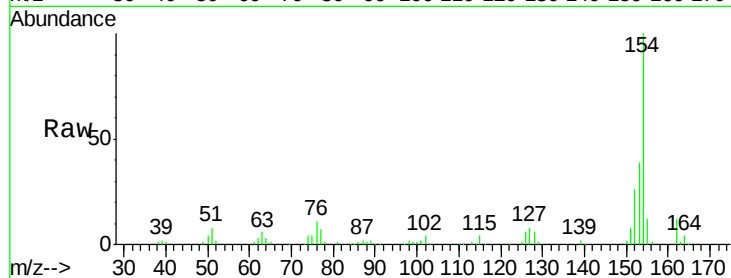
Tot Ion:154 Resp: 240792

Ion Ratio Lower Upper

154 100

153 38.8 20.2 60.2

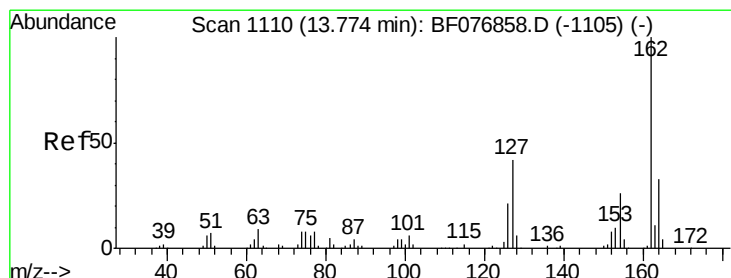
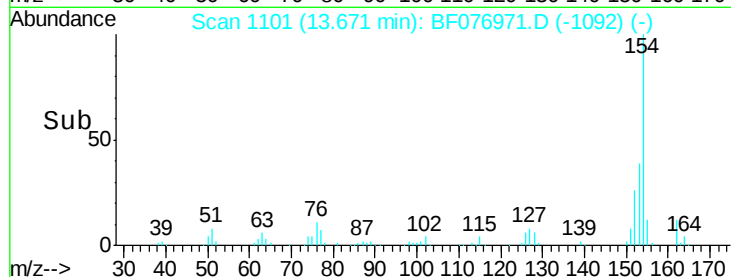
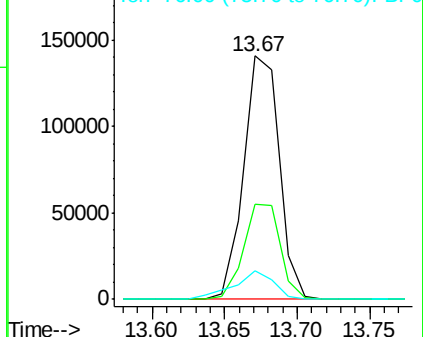
76 11.5 0.0 29.0



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): E



#46

2-Chloronaphthalene

Concen: 46.94 ng

RT: 13.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF076971.D

Acq: 20 Jan 2015 20:12

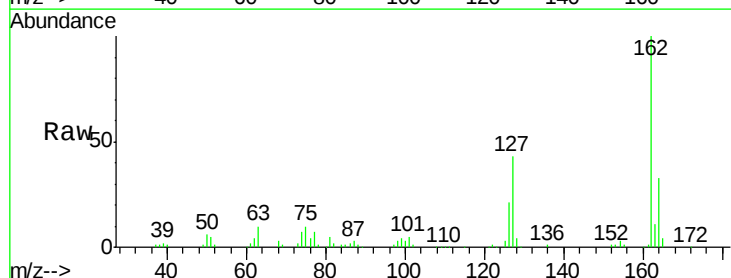
Tgt Ion:162 Resp: 188225

Ion Ratio Lower Upper

162 100

127 42.7 33.8 50.6

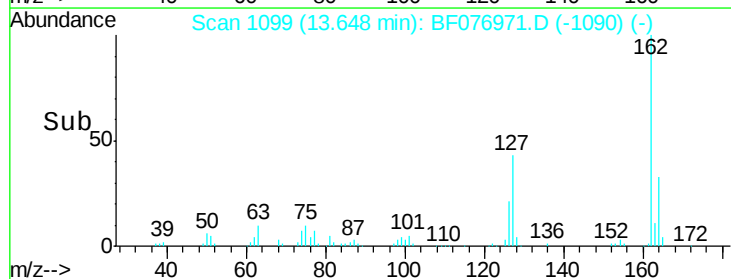
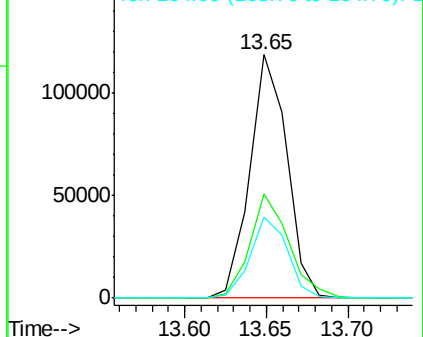
164 33.3 26.8 40.2

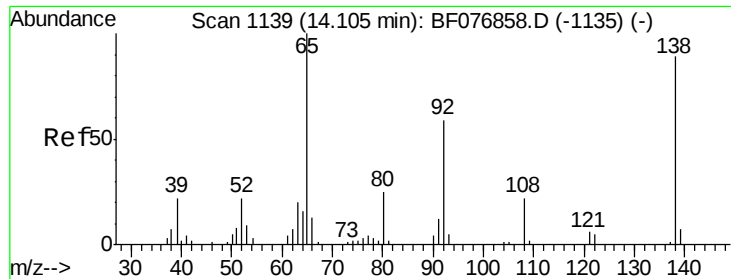


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

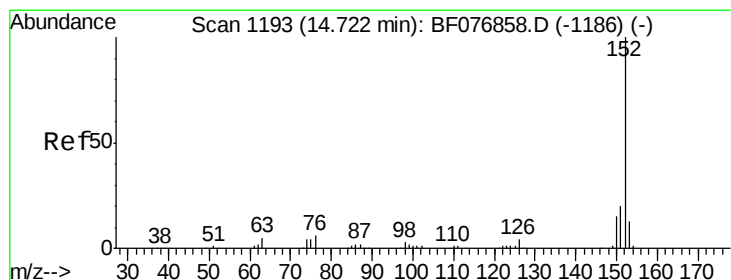
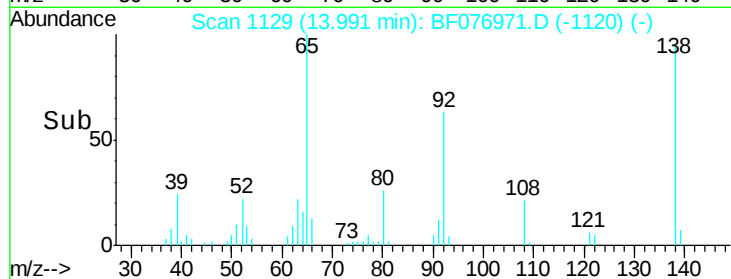
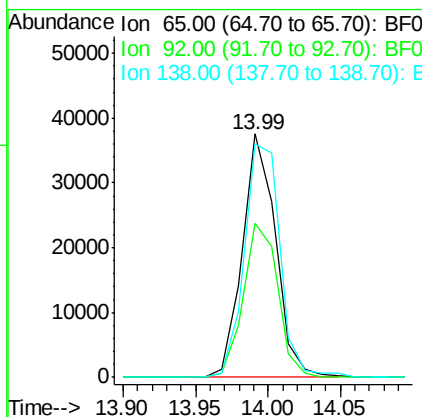
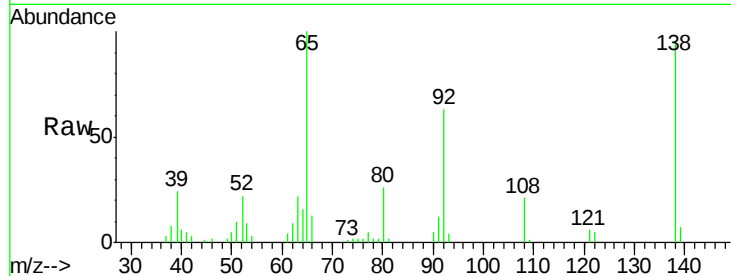




#47
2-Nitroaniline
Concen: 49.29 ng
RT: 13.99 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

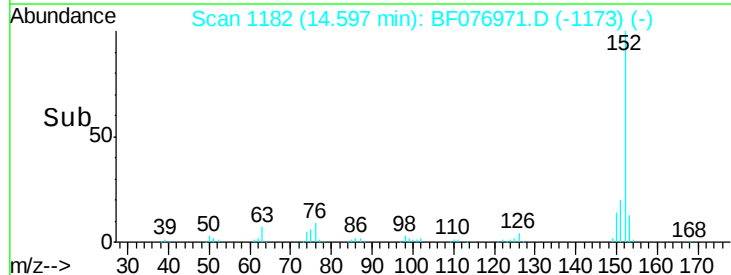
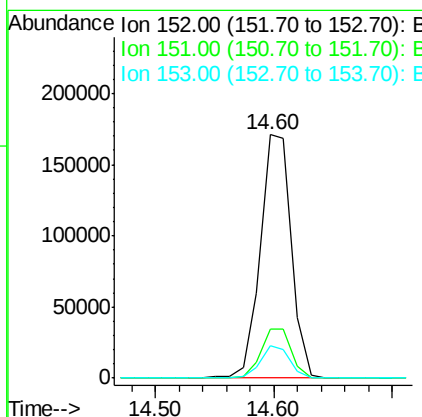
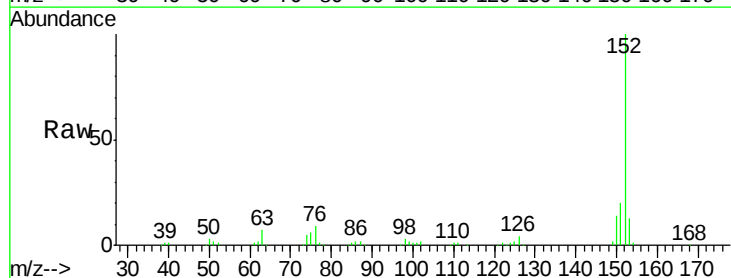
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 59960
Ion Ratio Lower Upper
65 100
92 63.2 47.3 70.9
138 95.7 71.4 107.2



#48
Acenaphthylene
Concen: 46.13 ng
RT: 14.60 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion: 152 Resp: 311993
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.2 15.4

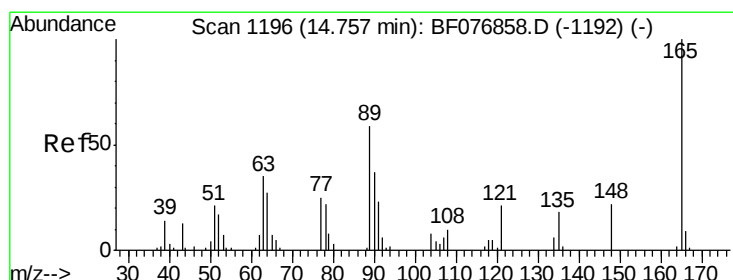
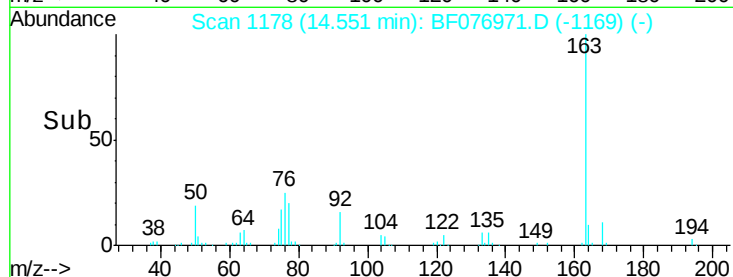
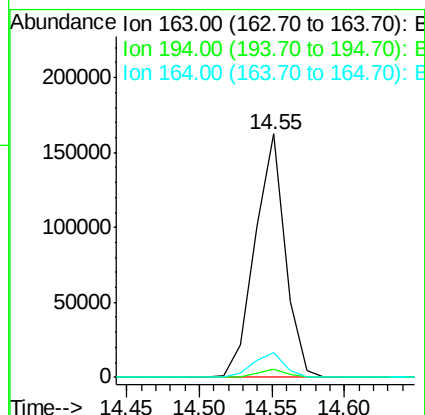
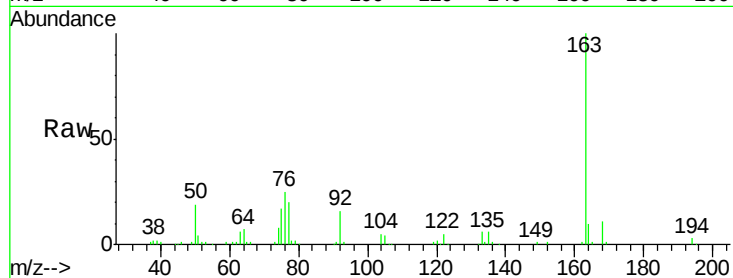




#49
Dimethylphthalate
Concen: 50.43 ng
RT: 14.55 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

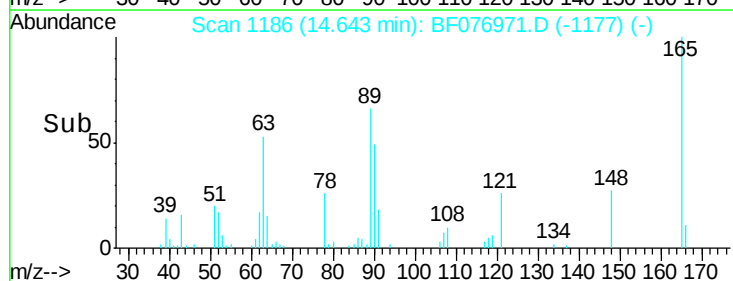
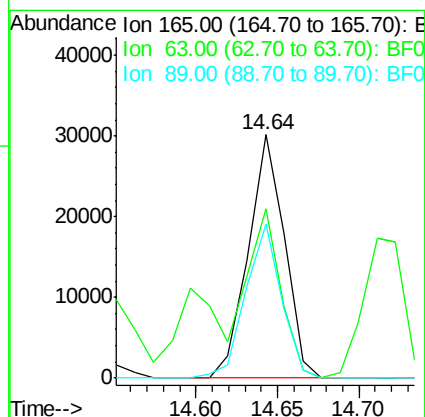
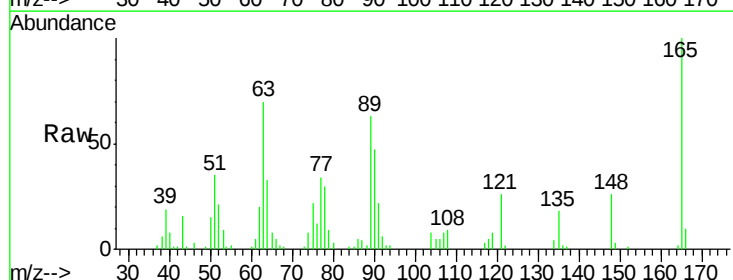
Instrument :
BNA_F
ClientSampleId :

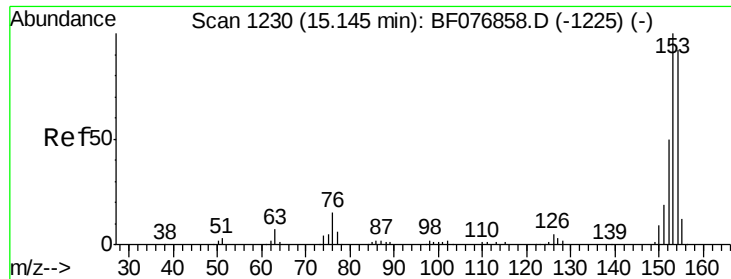
Tot Ion:163 Resp: 235095
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 49.64 ng
RT: 14.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:165 Resp: 46231
Ion Ratio Lower Upper
165 100
63 69.7 48.1 72.1
89 63.1 47.2 70.8

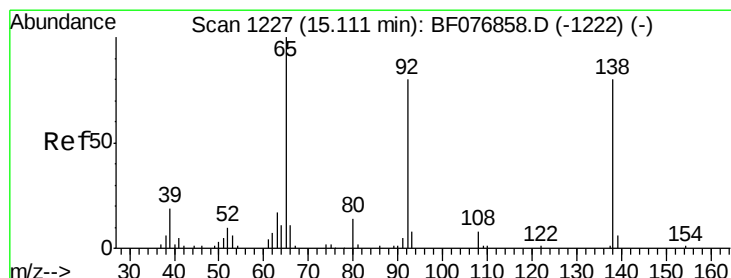
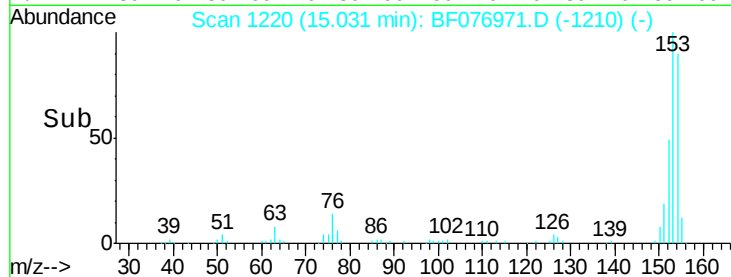
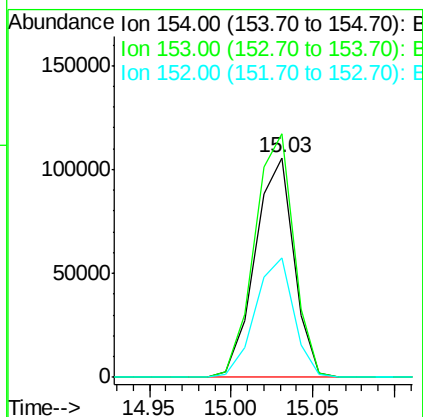
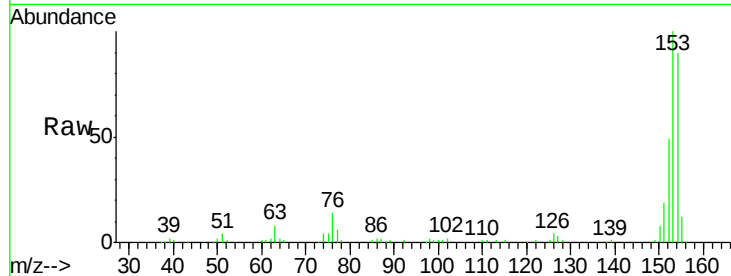




#51
Acenaphthene
Concen: 45.63 ng
RT: 15.03 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

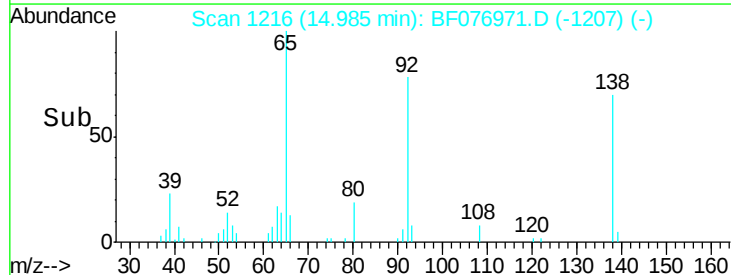
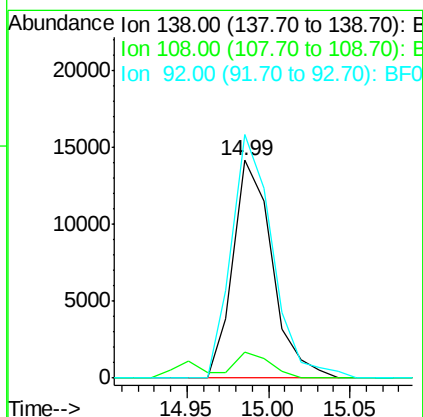
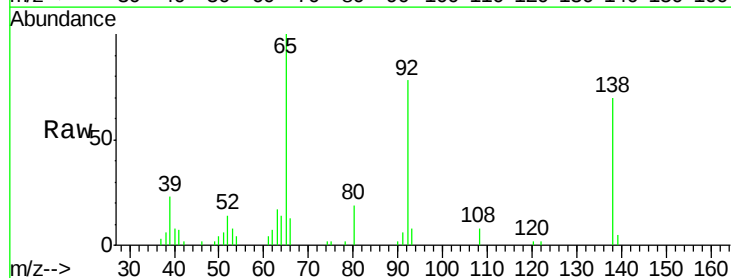
Instrument :
BNA_F
ClientSampleId :

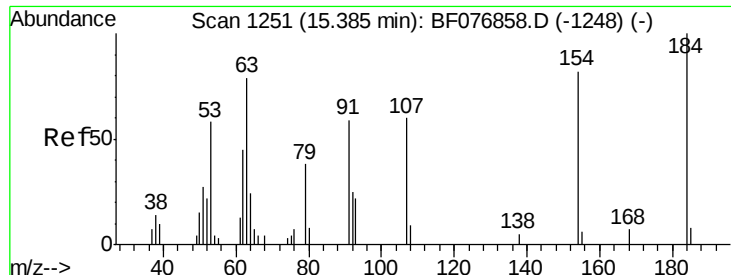
Tot Ion:154 Resp: 175095
Ion Ratio Lower Upper
154 100
153 110.9 87.0 130.6
152 54.5 43.5 65.3



#52
3-Nitroaniline
Concen: 20.48 ng
RT: 14.99 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:138 Resp: 23594
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 111.9 80.9 121.3

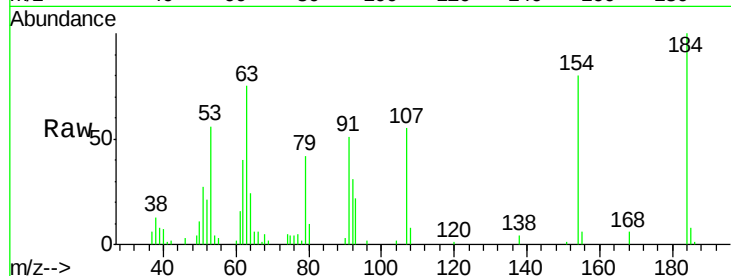




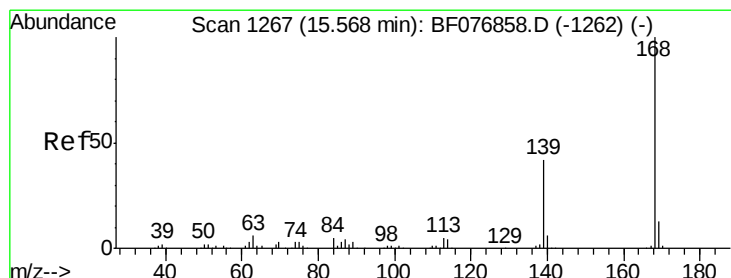
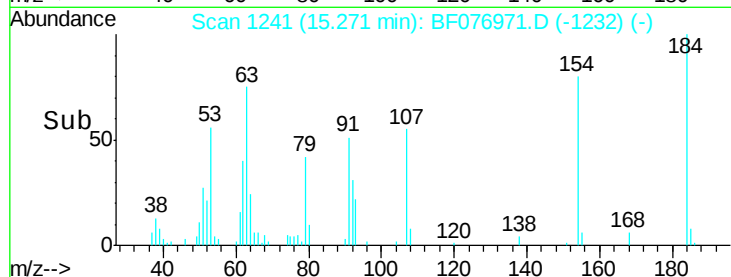
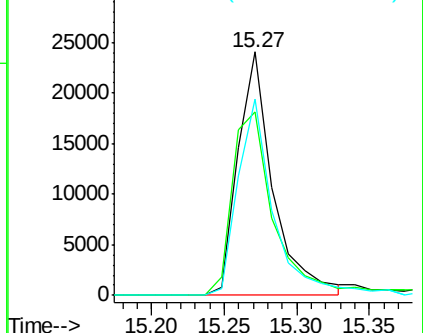
#53
 2,4-Dinitrophenol
 Concen: 90.76 ng
 RT: 15.27 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 40477
 Ion Ratio Lower Upper
 184 100
 63 75.4 63.0 94.6
 154 80.4 65.5 98.3

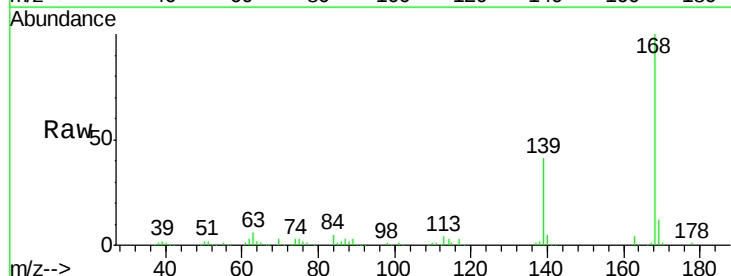


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

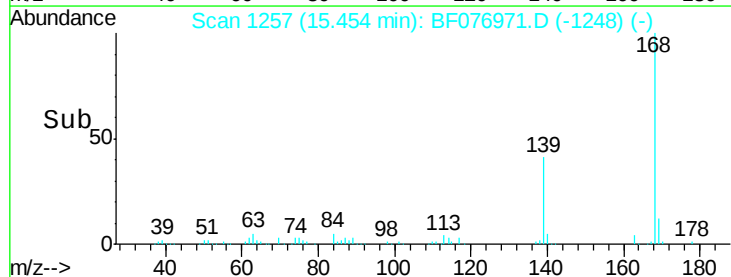
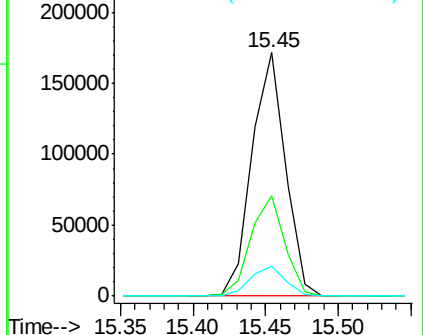


#54
 Dibenzofuran
 Concen: 49.35 ng
 RT: 15.45 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:168 Resp: 275904
 Ion Ratio Lower Upper
 168 100
 139 40.9 33.4 50.2
 169 12.3 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

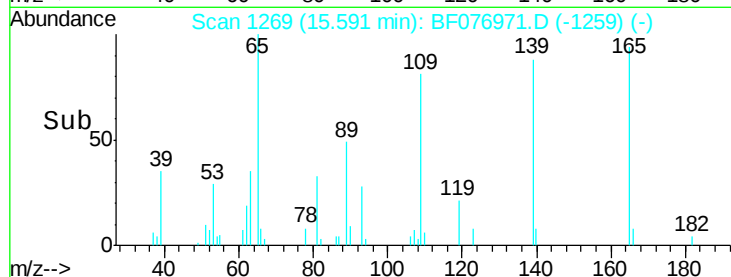
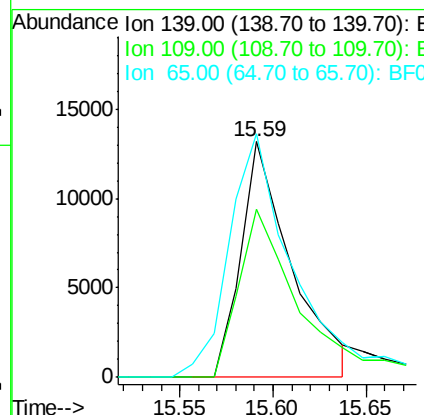
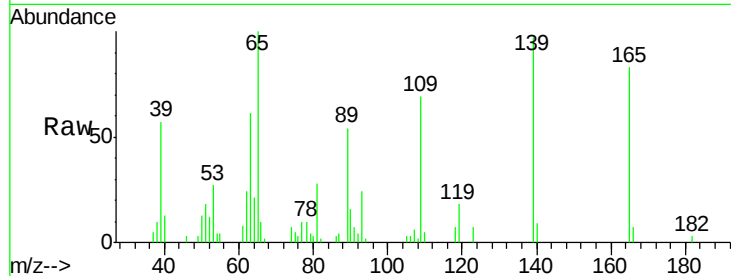




#55
4-Nitrophenol
Concen: 34.00 ng
RT: 15.59 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

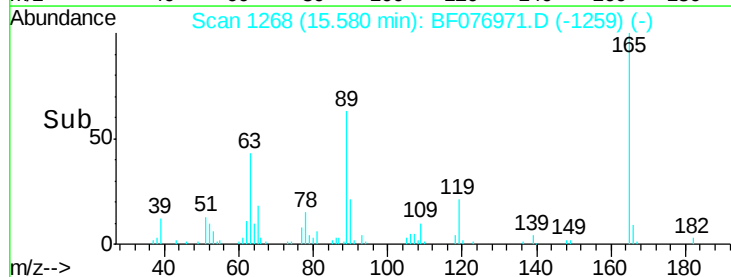
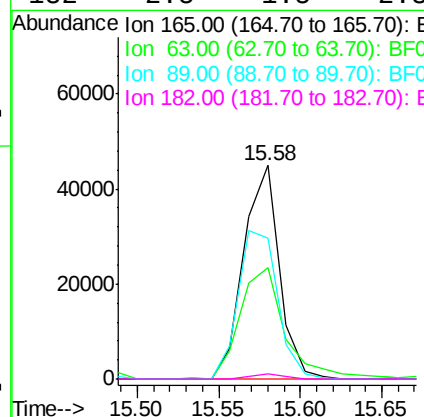
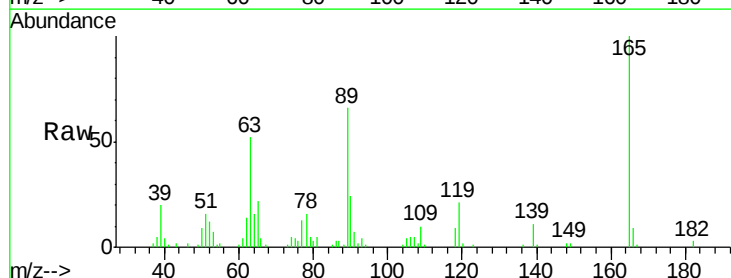
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 24841
Ion Ratio Lower Upper
139 100
109 71.2 61.0 101.0
65 103.3 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 48.66 ng
RT: 15.58 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:165 Resp: 67985
Ion Ratio Lower Upper
165 100
63 52.2 44.8 67.2
89 65.8 56.2 84.2
182 2.5 1.5 2.3#

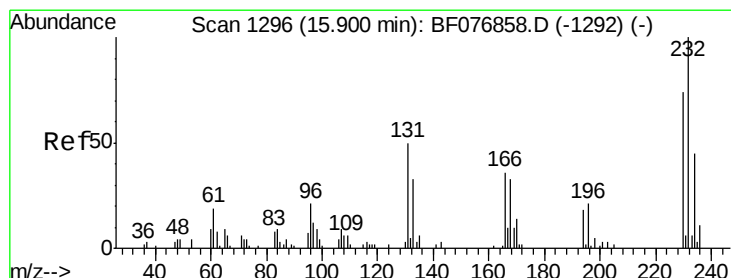
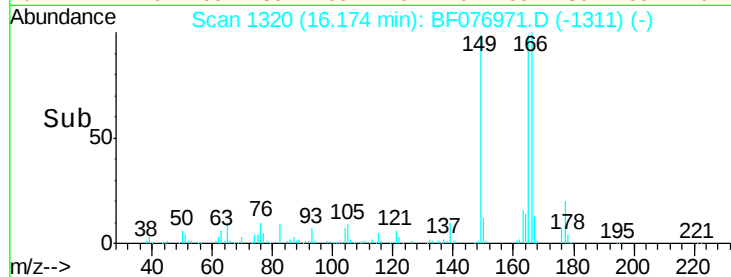
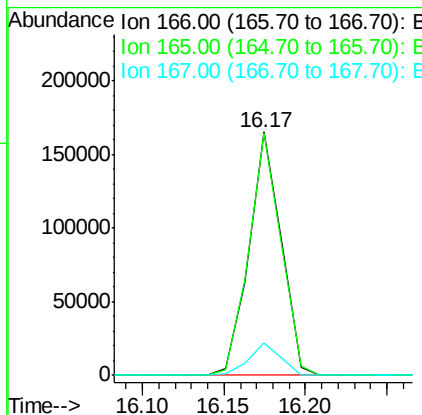
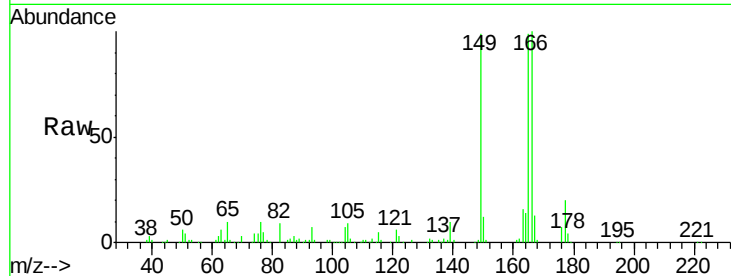




#57
 Fluorene
 Concen: 47.69 ng
 RT: 16.17 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

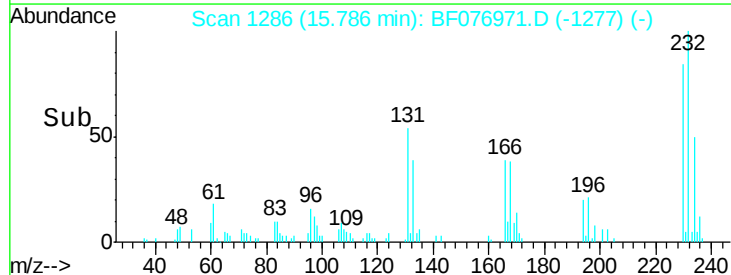
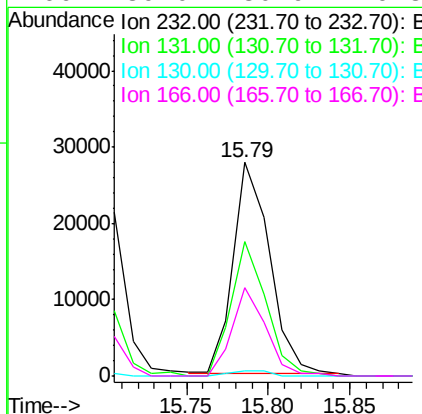
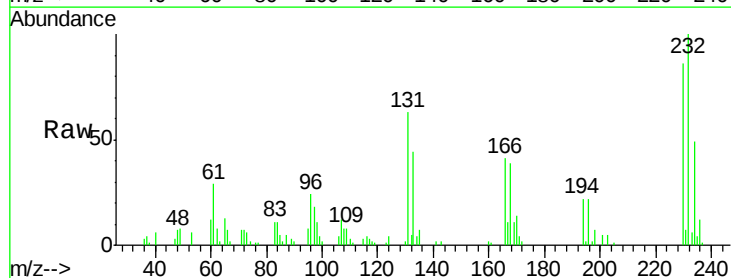
Instrument :
 BNA_F
 ClientSampleId :

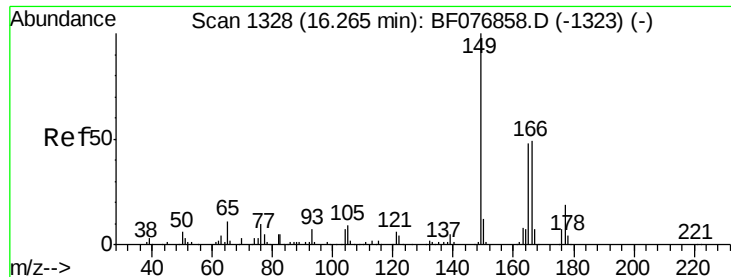
Tot Ion:166 Resp: 225885
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.5 117.7
 167 13.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.76 ng
 RT: 15.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:232 Resp: 42880
 Ion Ratio Lower Upper
 232 100
 131 61.5 45.0 67.6
 130 2.7 2.6 3.8
 166 39.0 30.9 46.3

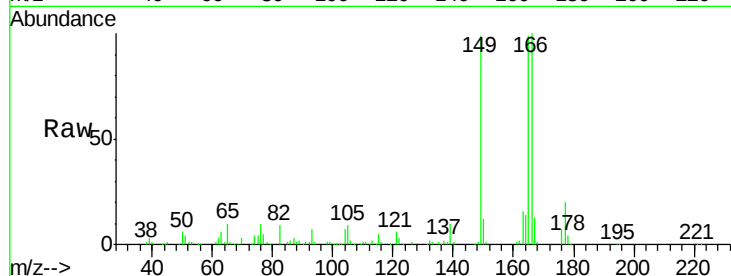




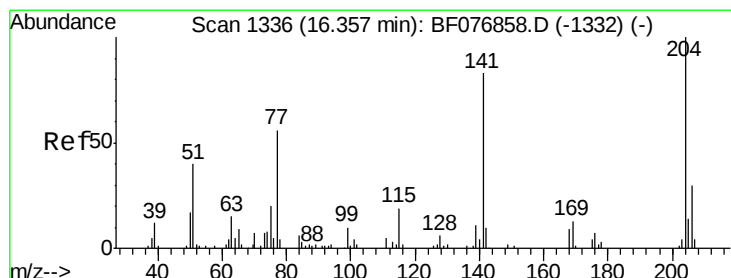
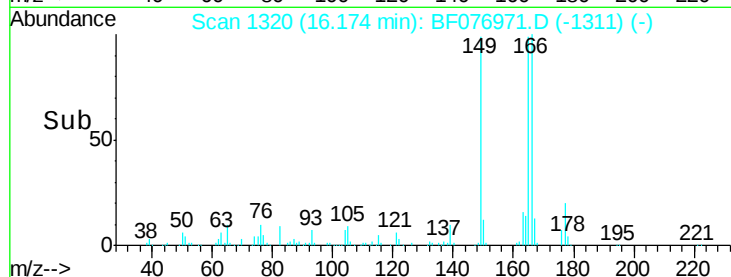
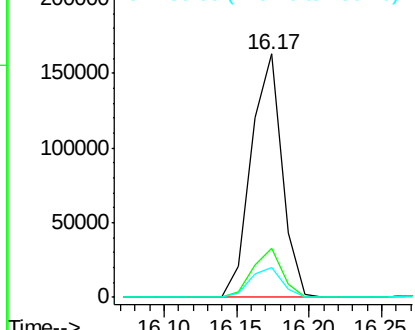
#59
Diethylphthalate
Concen: 51.01 ng
RT: 16.17 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 240306
Ion Ratio Lower Upper
149 100
177 20.2 15.0 22.6
150 12.3 9.4 14.0

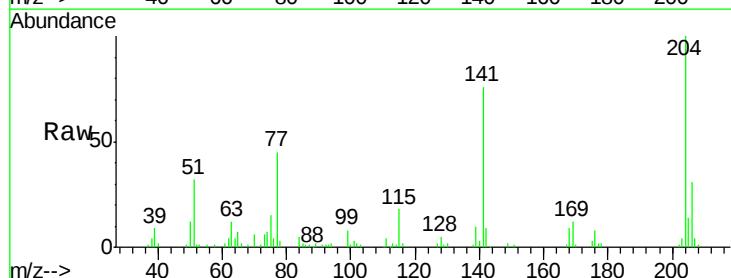


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

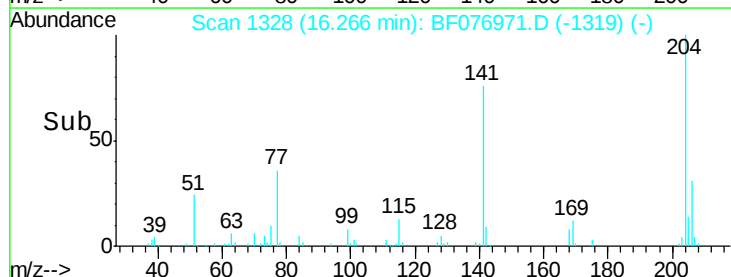
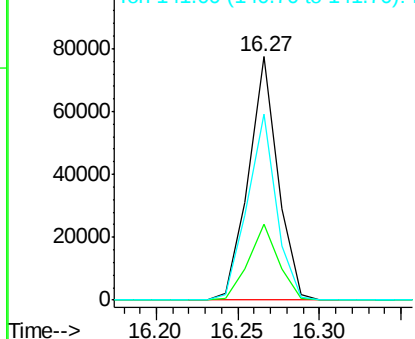


#60
4-Chlorophenyl-phenylether
Concen: 49.99 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:204 Resp: 96865
Ion Ratio Lower Upper
204 100
206 31.4 24.2 36.2
141 76.2 66.7 100.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

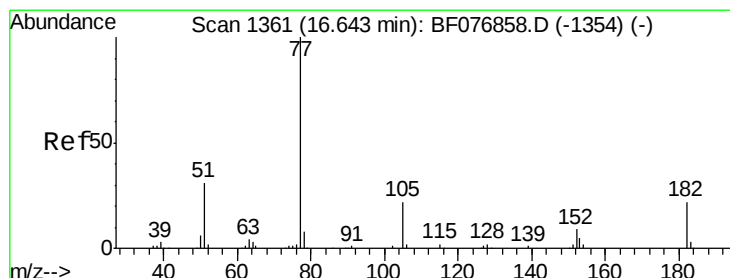
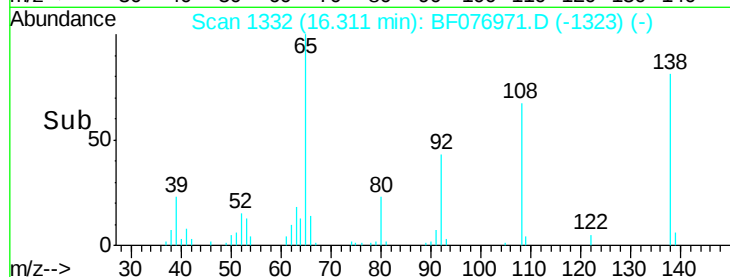
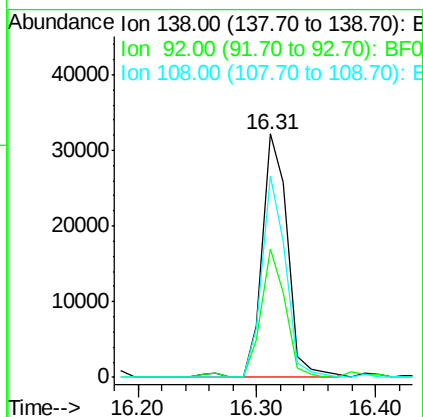
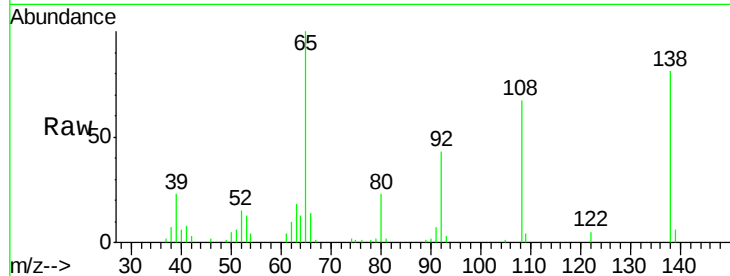




#61
4-Nitroaniline
Concen: 41.42 ng
RT: 16.31 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

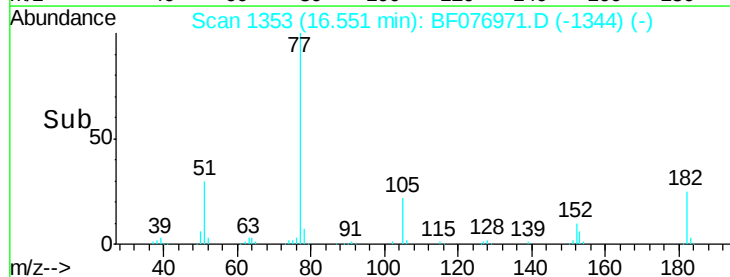
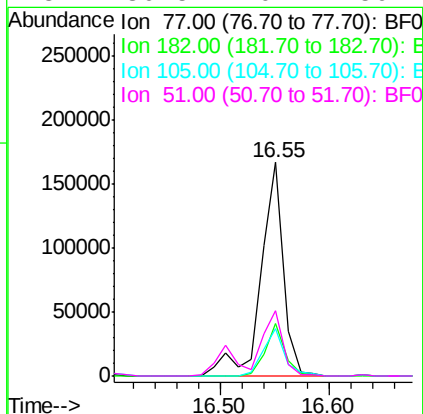
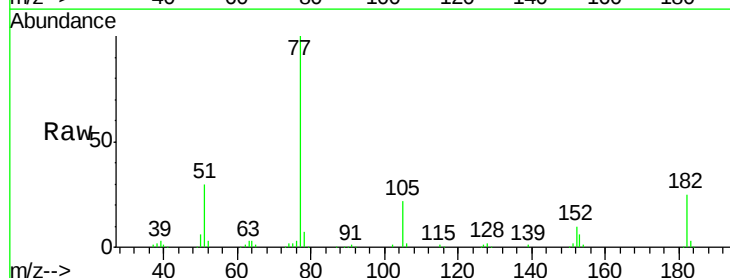
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 48384
Ion Ratio Lower Upper
138 100
92 52.9 26.7 66.7
108 82.7 64.5 104.5



#62
Azobenzene
Concen: 49.51 ng
RT: 16.55 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion: 77 Resp: 243036
Ion Ratio Lower Upper
77 100
182 24.6 2.0 42.0
105 22.4 2.3 42.3
51 30.5 10.7 50.7

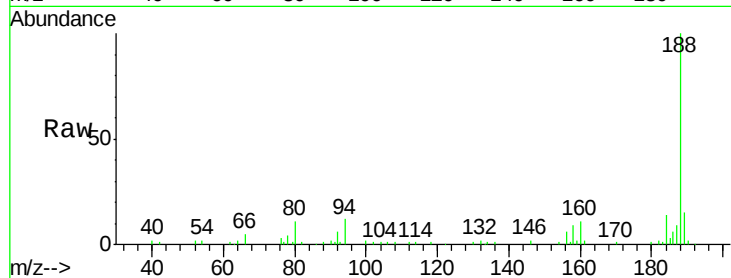




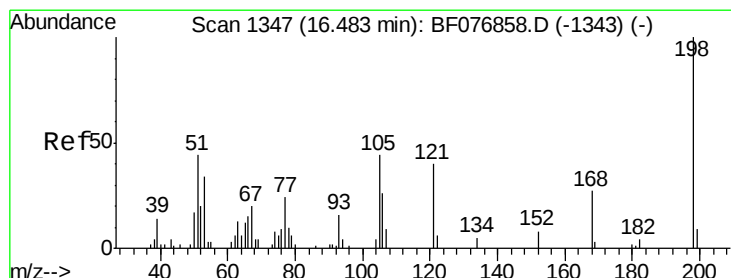
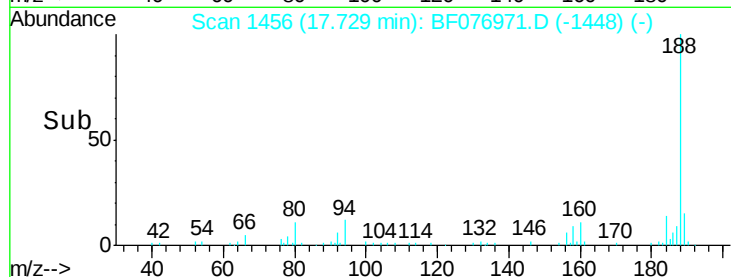
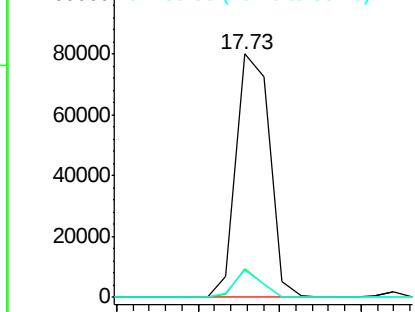
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 113238
Ion Ratio Lower Upper
188 100
94 11.5 6.0 9.0#
80 11.2 6.9 10.3#

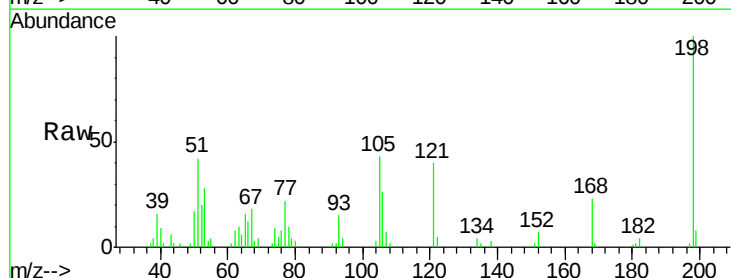


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

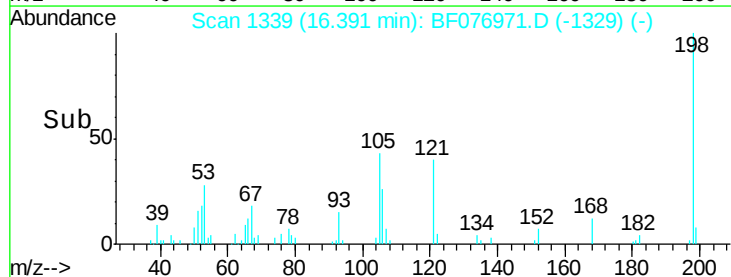
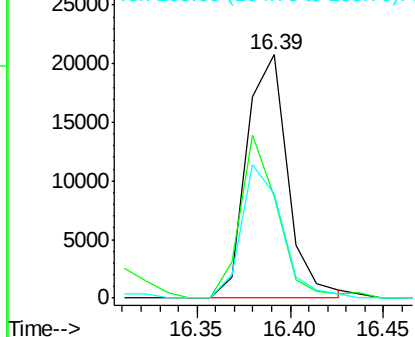


#64
4,6-Dinitro-2-methylphenol
Concen: 43.95 ng
RT: 16.39 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:198 Resp: 31762
Ion Ratio Lower Upper
198 100
51 41.5 24.2 64.2
105 42.7 24.0 64.0



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

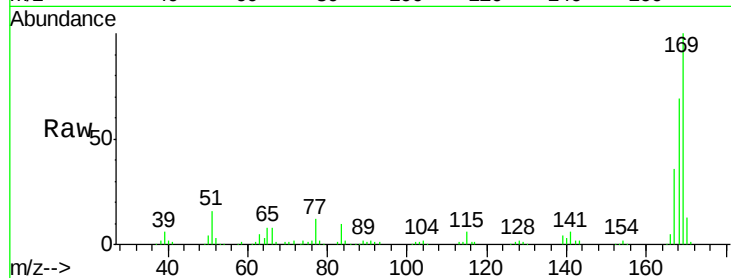




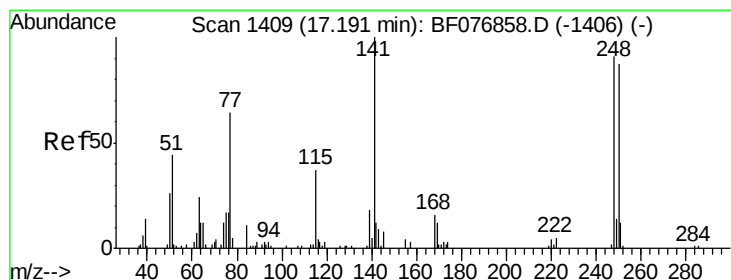
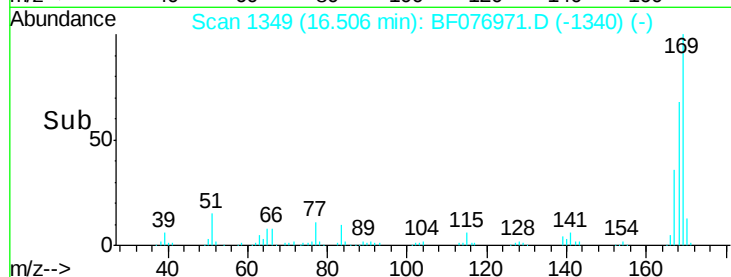
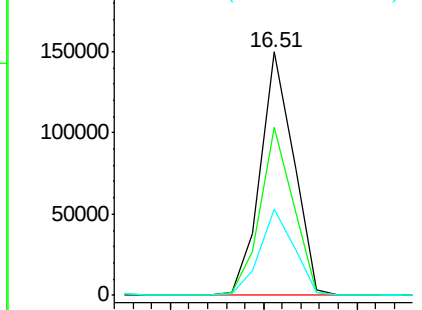
#65
 n-Nitrosodiphenylamine
 Concen: 46.00 ng
 RT: 16.51 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 185716
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.8 80.6
 167 35.5 27.8 41.6

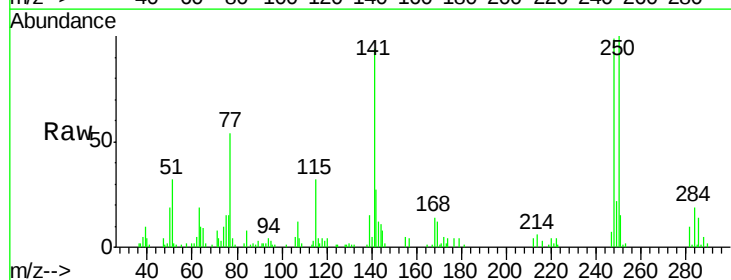


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

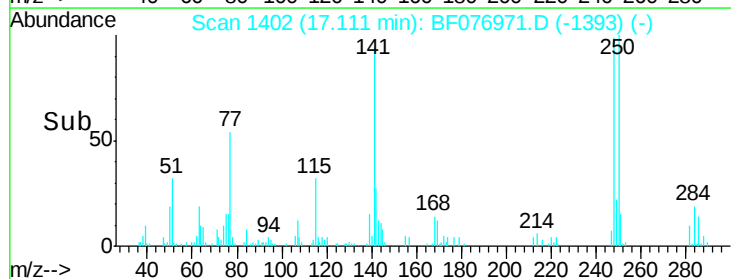
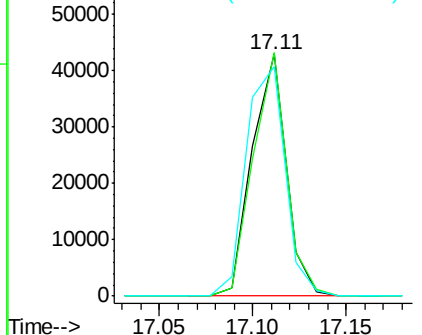


#66
 4-Bromophenyl-phenylether
 Concen: 47.60 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:248 Resp: 54610
 Ion Ratio Lower Upper
 248 100
 250 100.6 77.1 115.7
 141 94.7 88.2 132.4



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

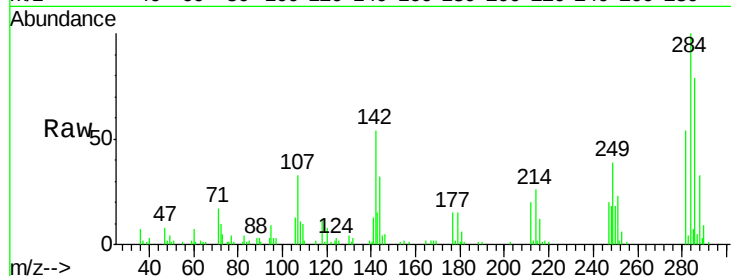




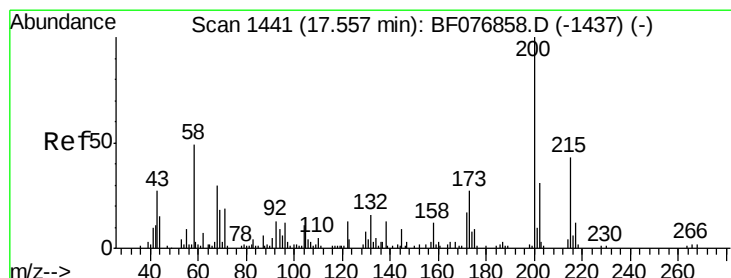
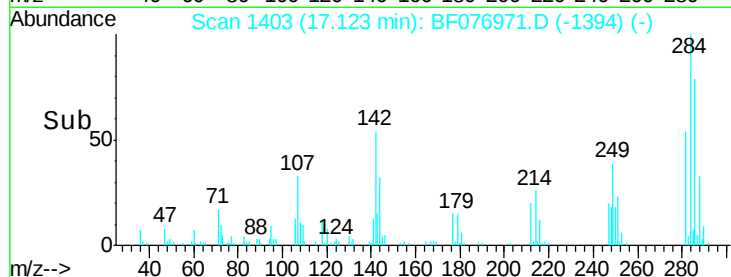
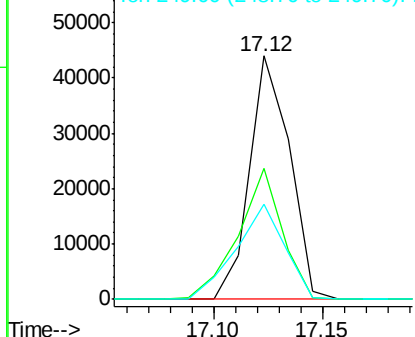
#67
Hexachlorobenzene
Concen: 46.85 ng
RT: 17.12 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 56644
Ion Ratio Lower Upper
284 100
142 53.6 38.2 57.4
249 39.0 28.2 42.2

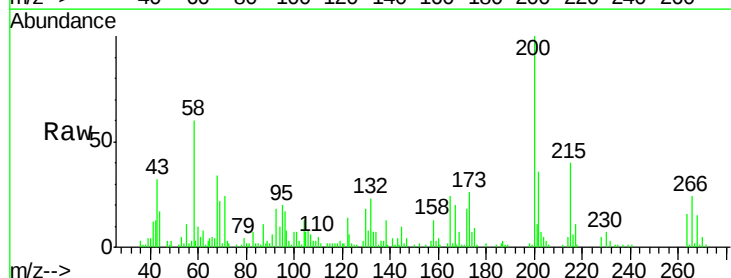


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

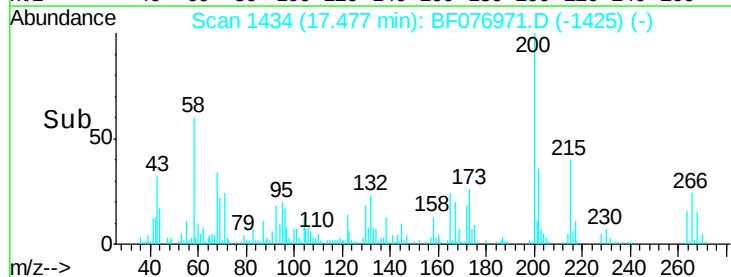
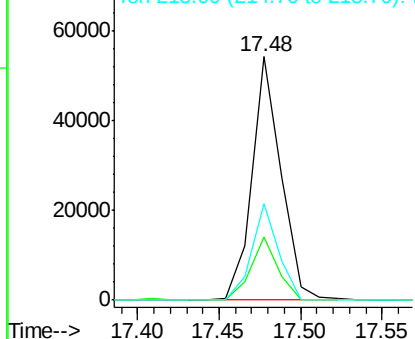


#68
Atrazine
Concen: 54.96 ng
RT: 17.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:200 Resp: 67334
Ion Ratio Lower Upper
200 100
173 25.8 6.6 46.6
215 39.5 22.9 62.9



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

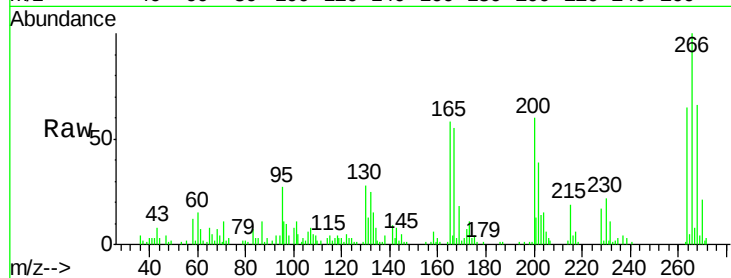




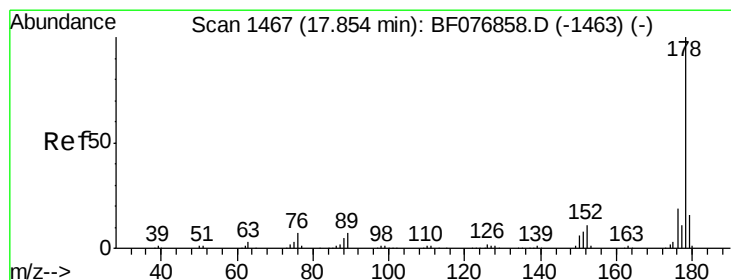
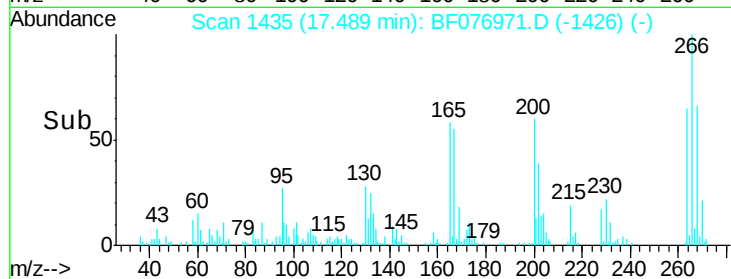
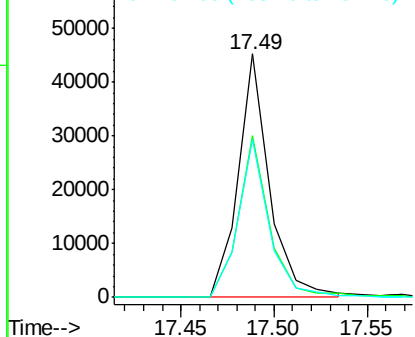
#69
 Pentachlorophenol
 Concen: 94.42 ng
 RT: 17.49 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 53116
 Ion Ratio Lower Upper
 266 100
 268 66.3 48.6 72.8
 264 64.7 49.5 74.3

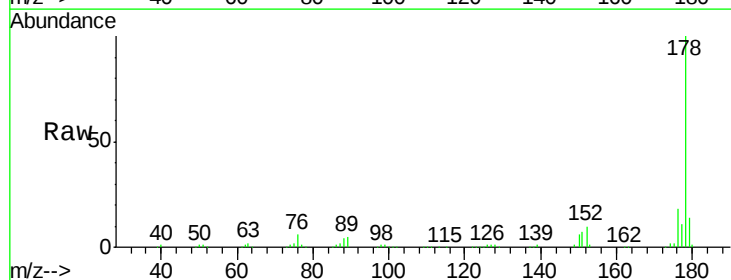


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

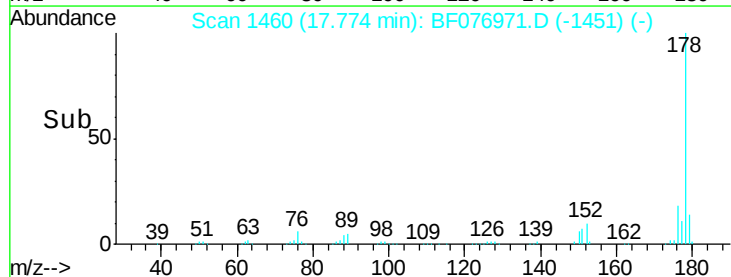
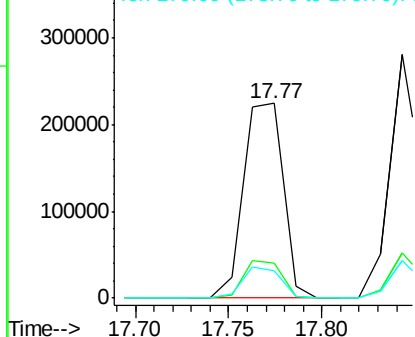


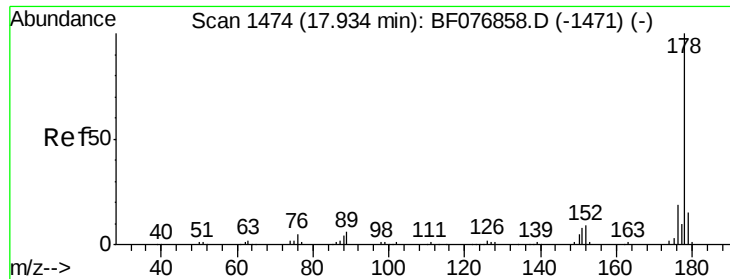
#70
 Phenanthrene
 Concen: 46.82 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:178 Resp: 330662
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.1 22.7
 179 14.2 12.7 19.1



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

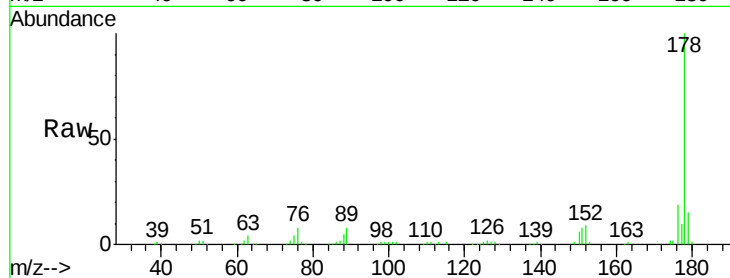




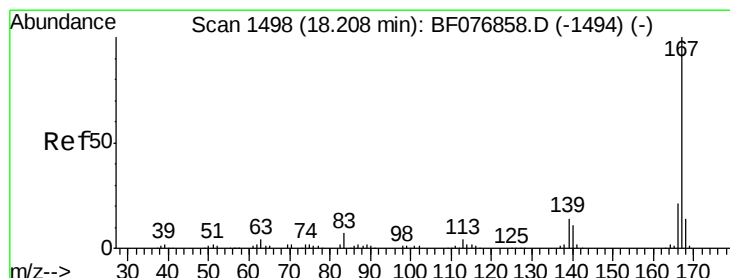
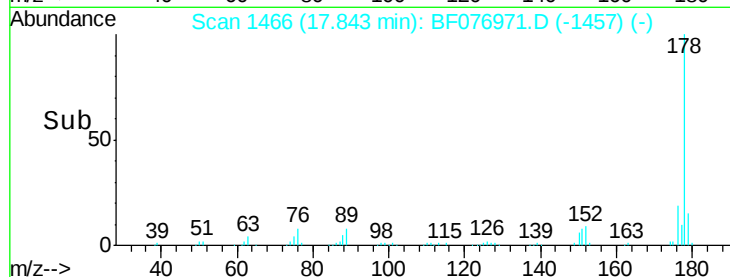
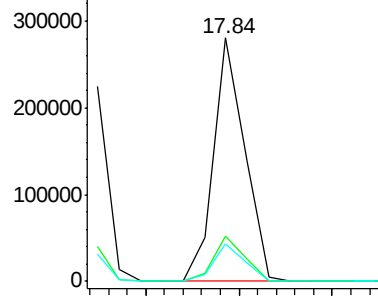
#71
 Anthracene
 Concen: 47.33 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 325929
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.2 11.9 17.9

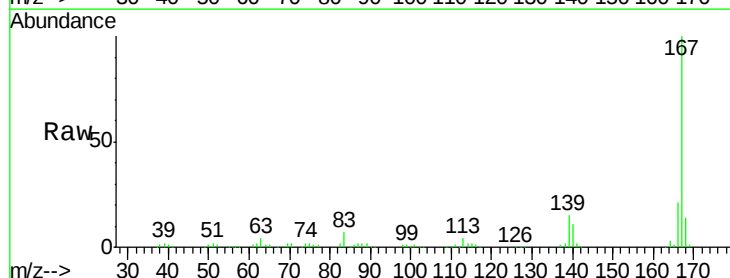


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

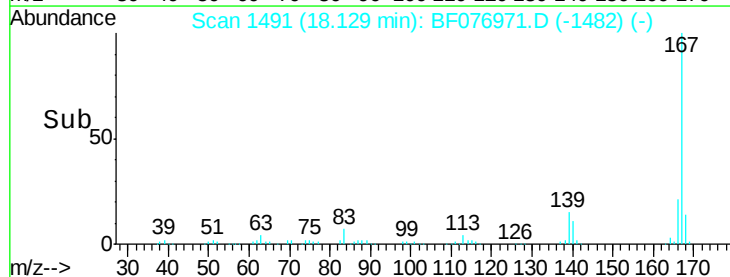
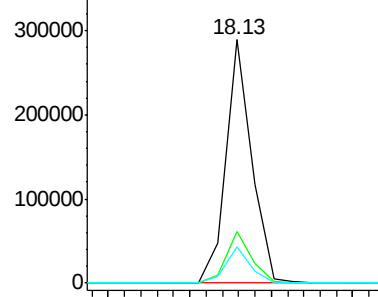


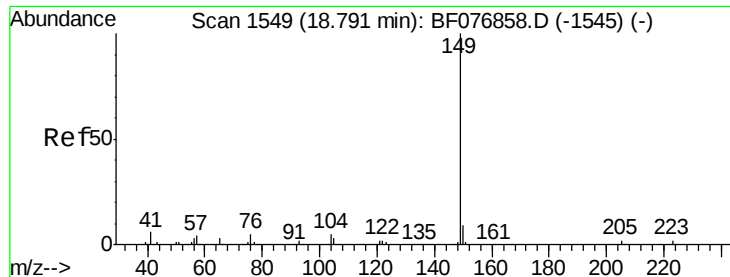
#72
 Carbazole
 Concen: 47.36 ng
 RT: 18.13 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:167 Resp: 316310
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 14.8 11.3 16.9



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

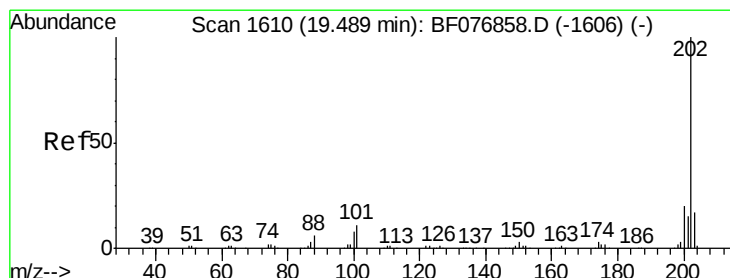
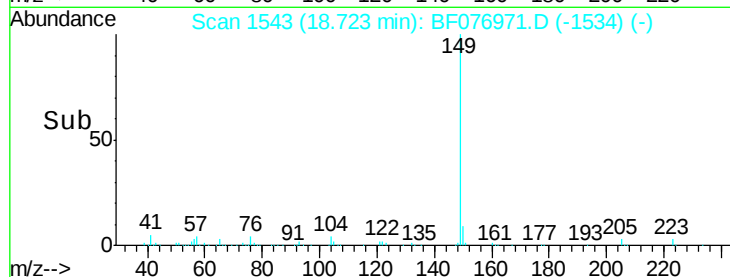
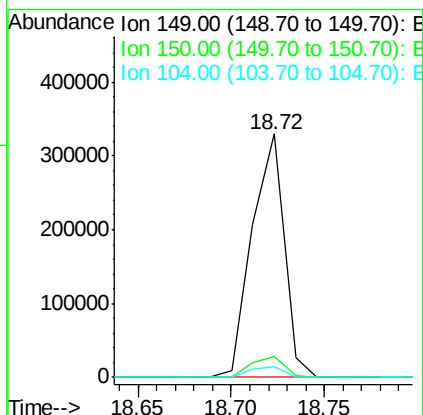
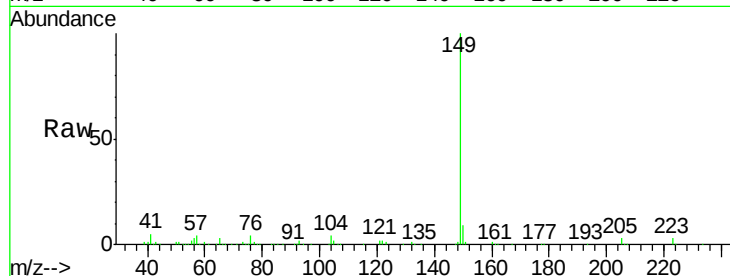




#73
Di-n-butylphthalate
Concen: 50.68 ng
RT: 18.72 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

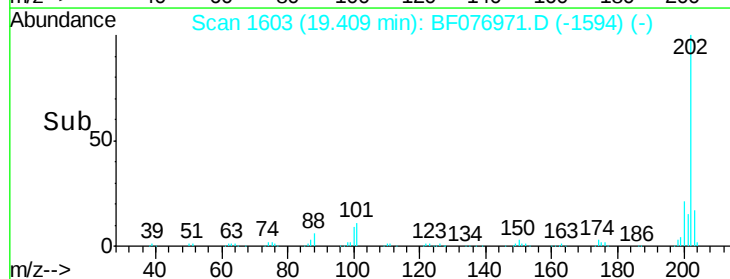
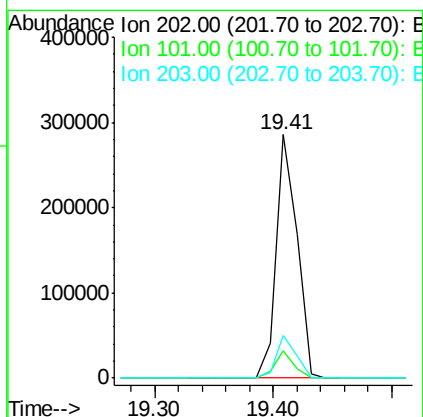
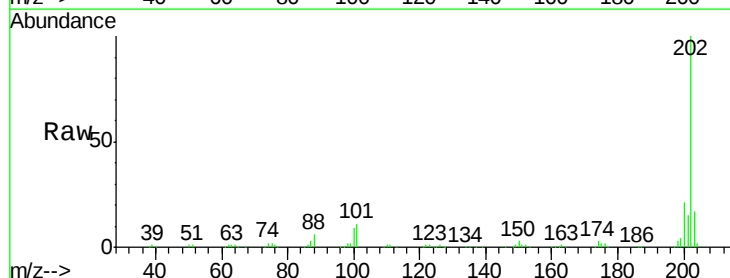
Instrument :
BNA_F
ClientSampleId :

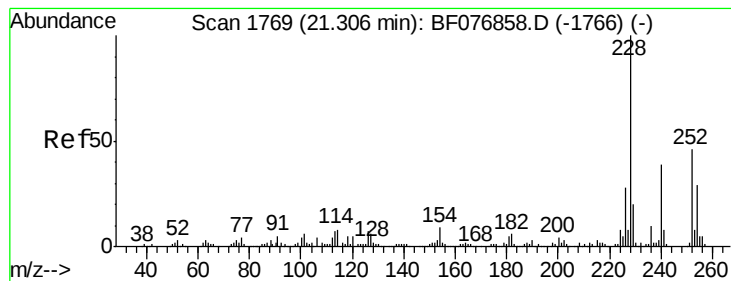
Tot Ion:149 Resp: 391791
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 4.5 3.7 5.5



#74
Fluoranthene
Concen: 47.77 ng
RT: 19.41 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:202 Resp: 345646
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.4 0.0 36.9

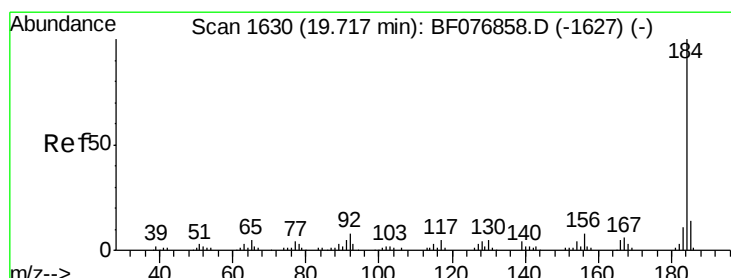
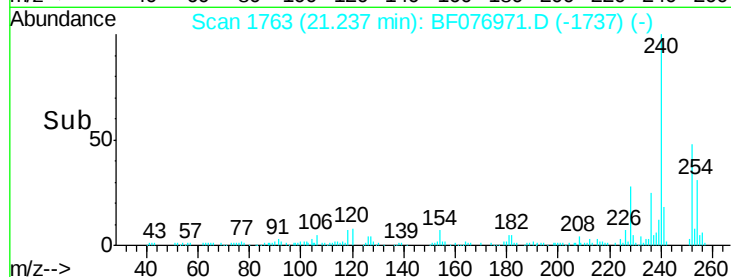
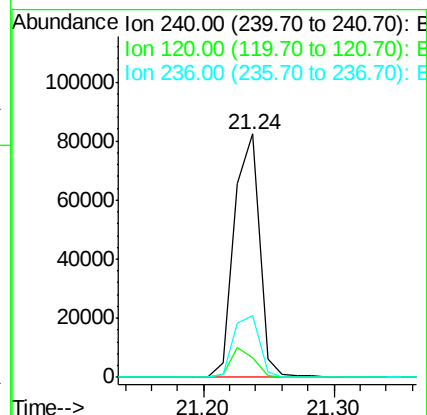
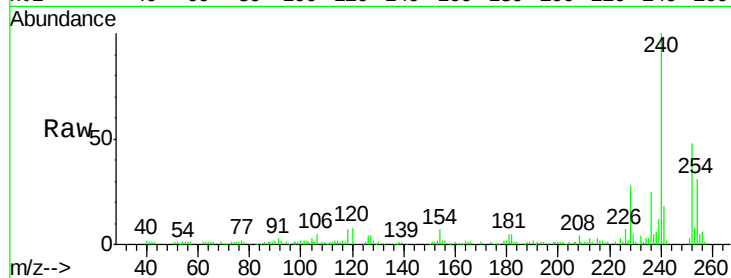




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.24 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

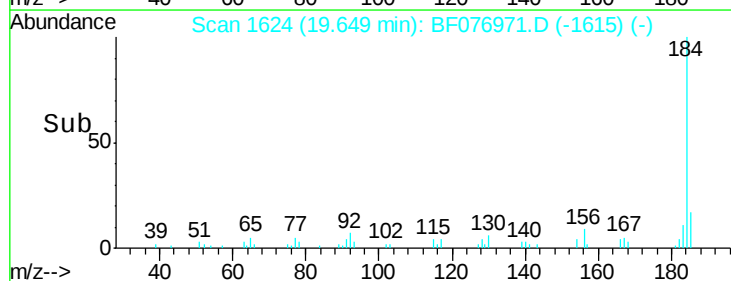
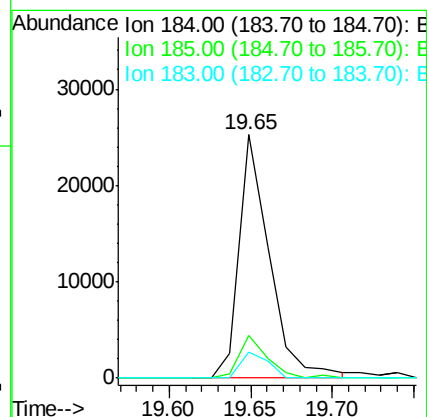
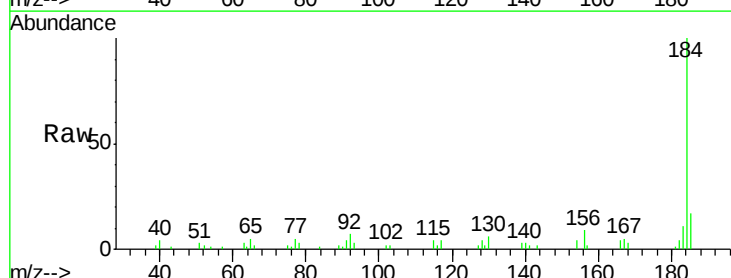
Instrument :
 BNA_F
 ClientSampleId :

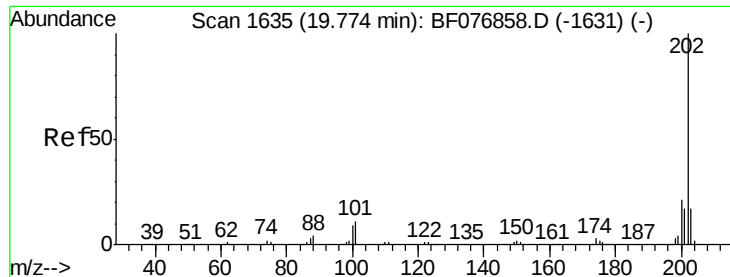
Tot Ion:240 Resp: 110464
 Ion Ratio Lower Upper
 240 100
 120 8.1 10.4 15.6#
 236 25.4 20.2 30.2



#76
 Benzidine
 Concen: 9.15 ng
 RT: 19.65 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:184 Resp: 32331
 Ion Ratio Lower Upper
 184 100
 185 17.3 11.4 17.2#
 183 10.6 9.0 13.6

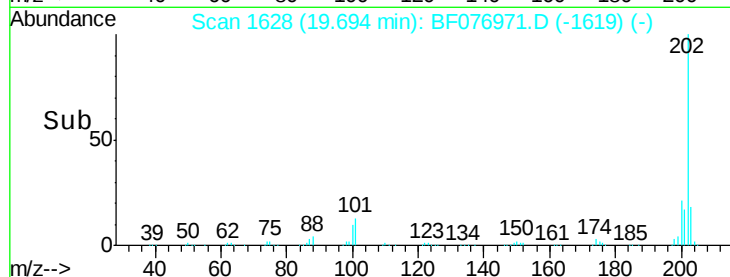
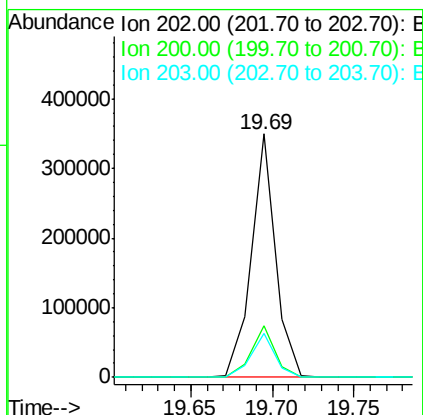
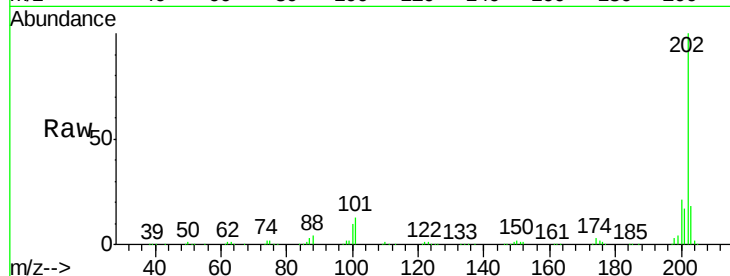




#77
 Pvrene
 Concen: 47.48 ng
 RT: 19.69 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

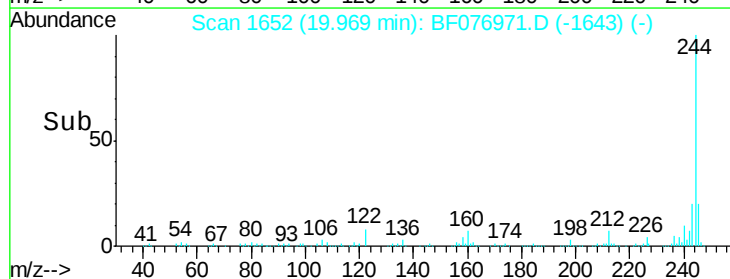
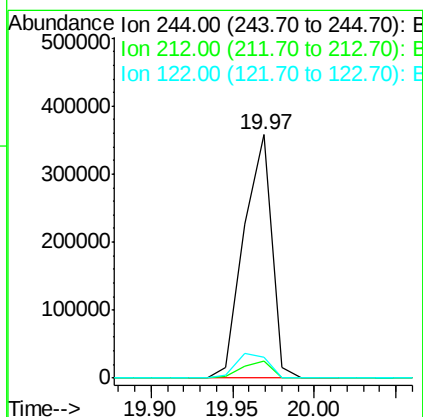
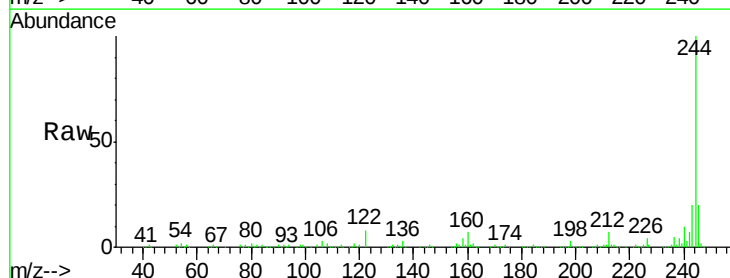
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.8	14.0	21.0



#78
 Terphenyl-d14
 Concen: 88.25 ng
 RT: 19.97 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	8.4	10.1	15.1#

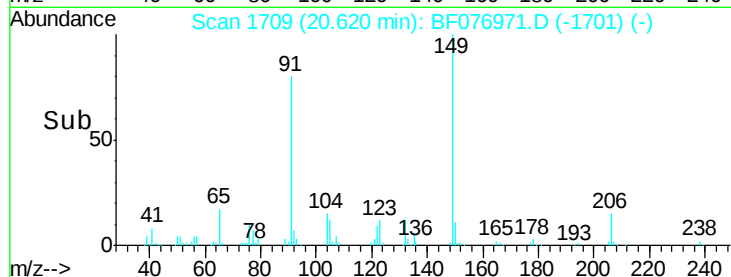
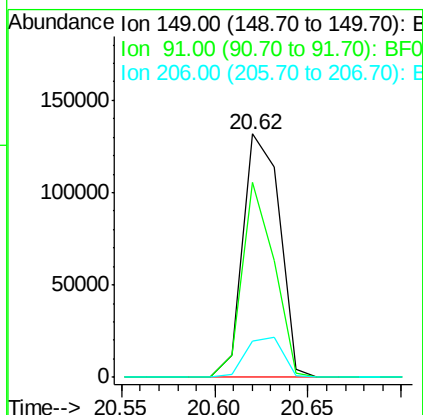
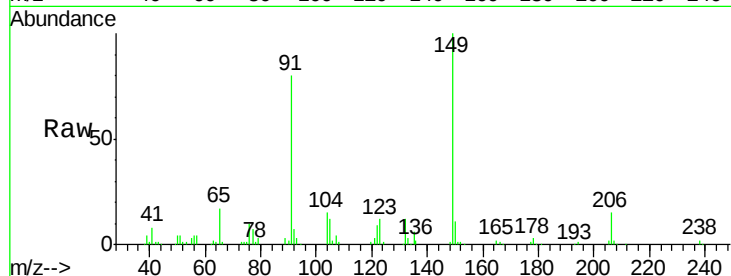




#79
Butylbenzylphthalate
Concen: 52.42 ng
RT: 20.62 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

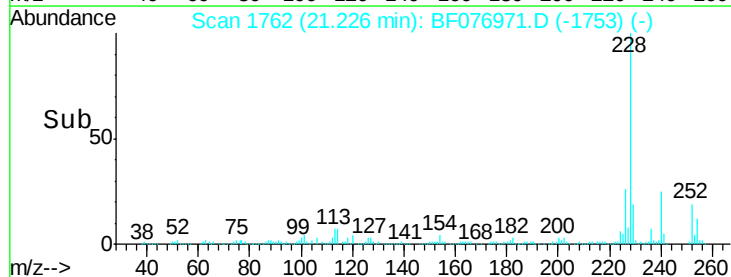
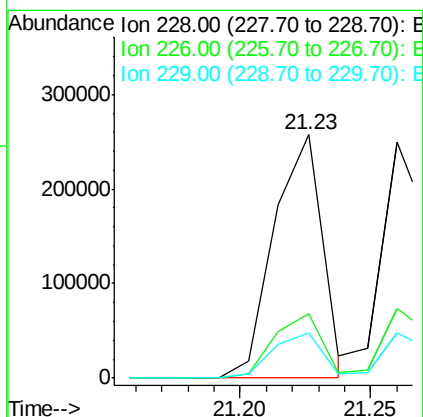
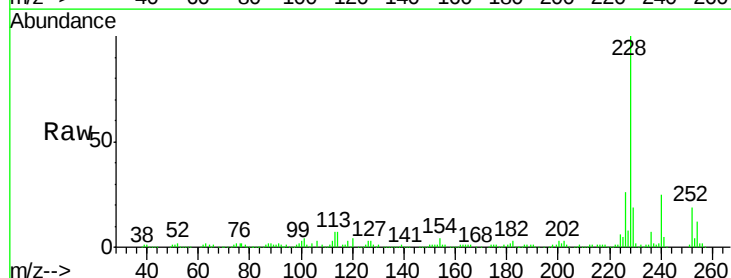
Instrument :
BNA_F
ClientSampleId :

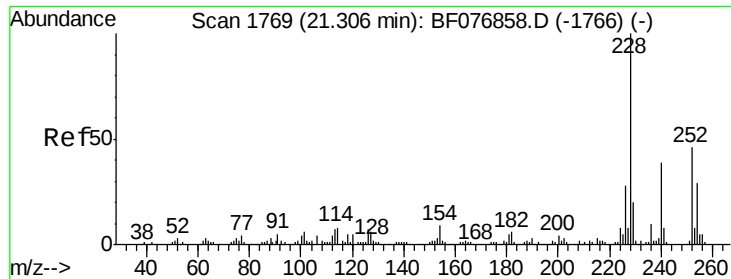
Tot Ion:149 Resp: 179738
Ion Ratio Lower Upper
149 100
91 80.0 50.6 76.0#
206 14.8 12.8 19.2



#80
Benzo(a)anthracene
Concen: 47.61 ng
RT: 21.23 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:228 Resp: 329969
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 18.6 15.5 23.3

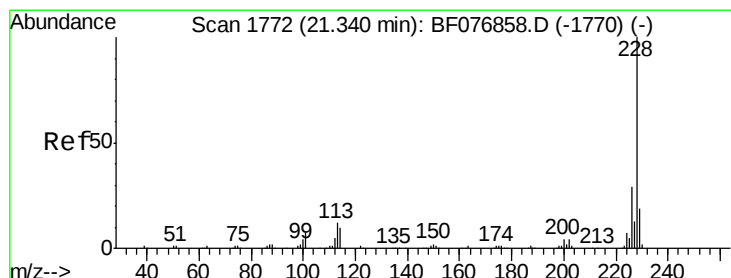
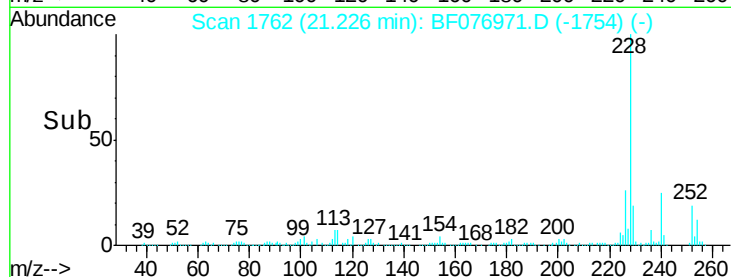
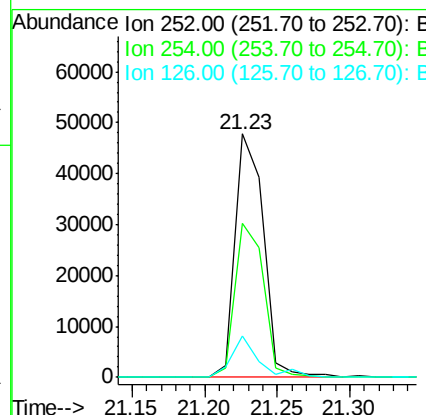
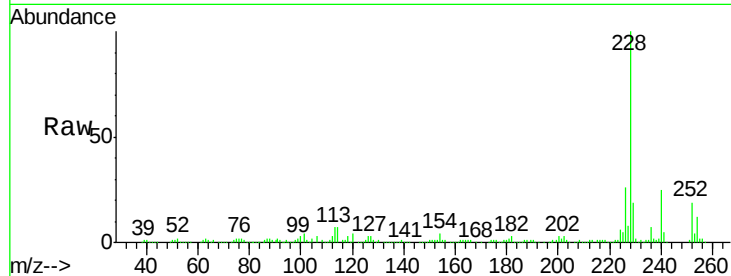




#81
 3,3'-Dichlorobenzidine
 Concen: 29.50 ng
 RT: 21.23 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

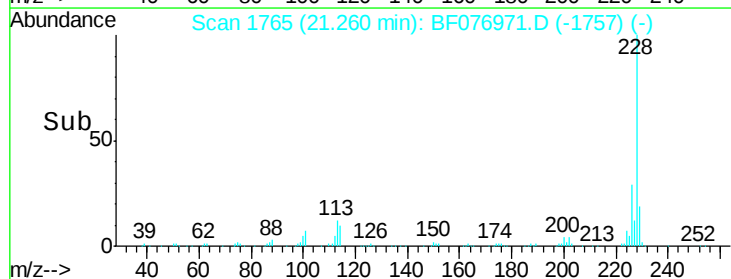
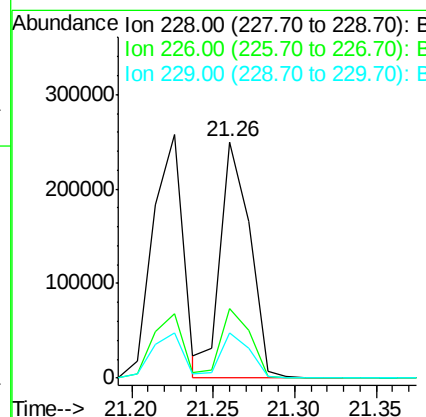
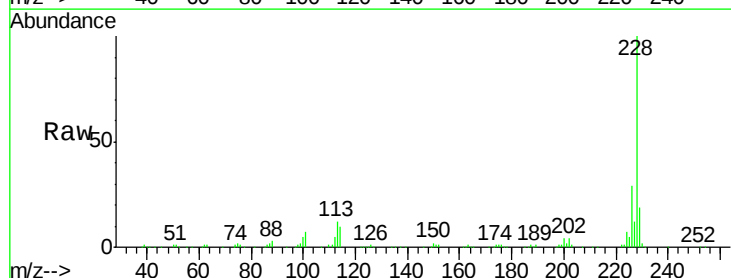
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 64977
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.2 75.4
 126 16.9 11.5 17.3



#82
 Chrysene
 Concen: 49.50 ng
 RT: 21.26 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:228 Resp: 312874
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.0
 229 19.1 15.4 23.0

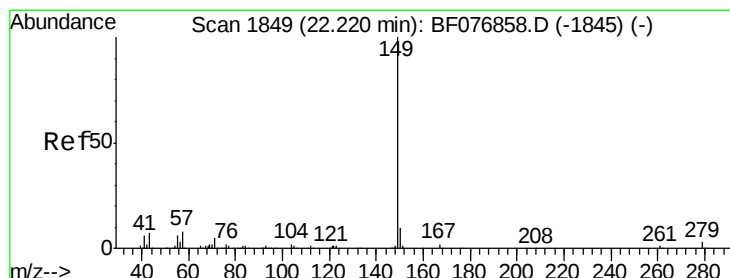
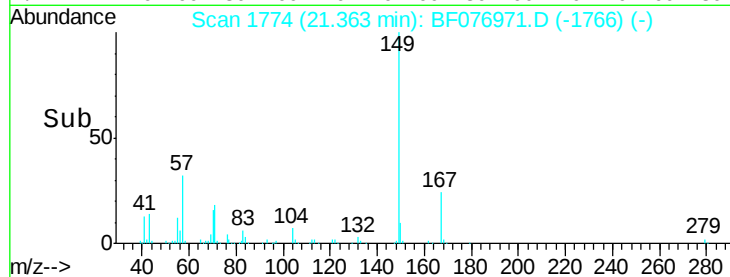
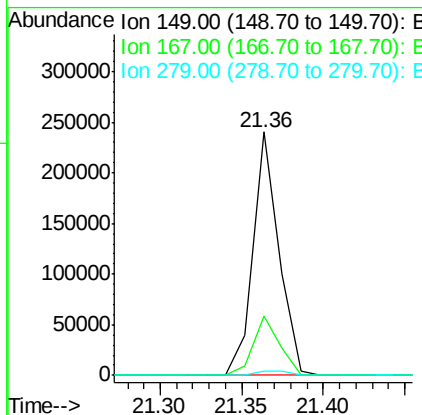
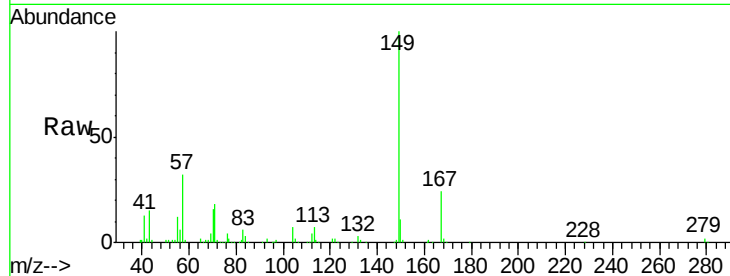




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.77 ng
 RT: 21.36 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

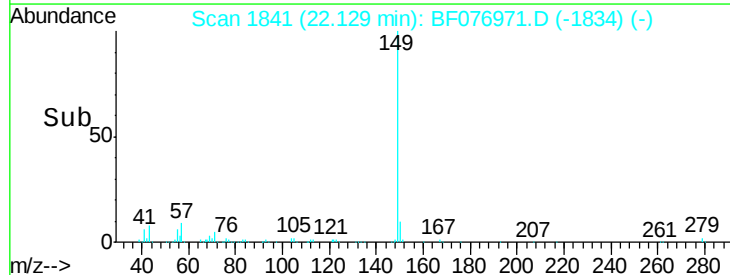
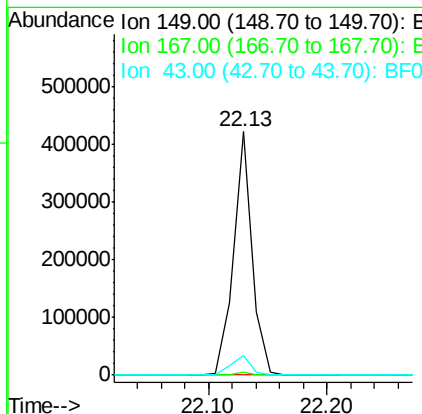
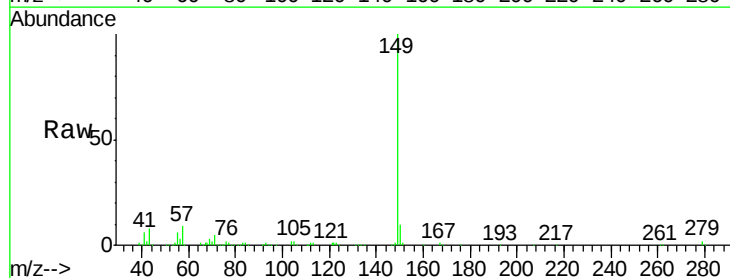
Instrument :
 BNA_F
 ClientSampleId :

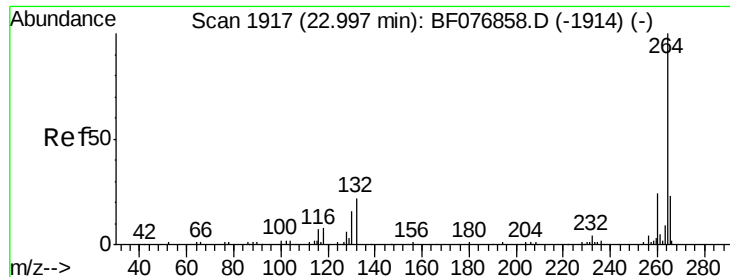
Tot Ion:149 Resp: 264585
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.6 30.8
 279 1.7 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 55.70 ng
 RT: 22.13 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF076971.D
 Acq: 20 Jan 2015 20:12

Tgt Ion:149 Resp: 458603
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.2 6.6 10.0

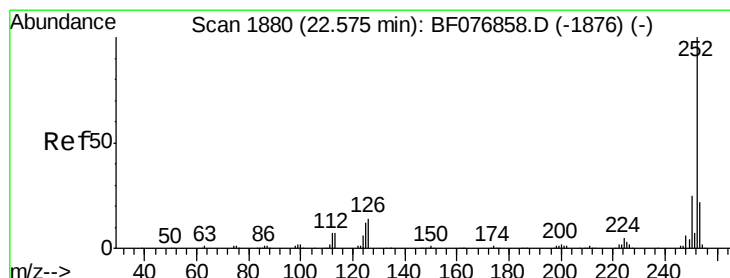
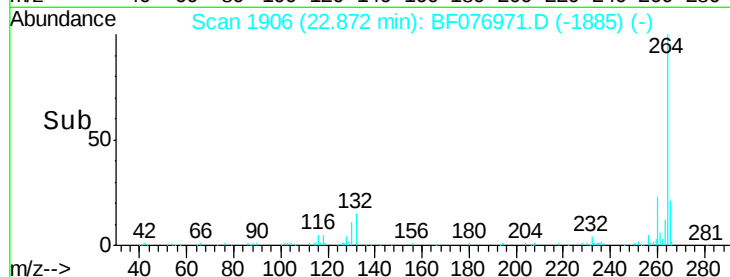
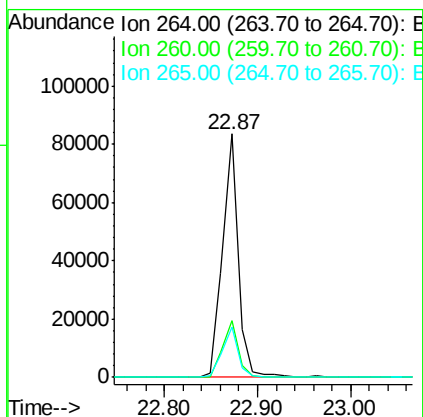
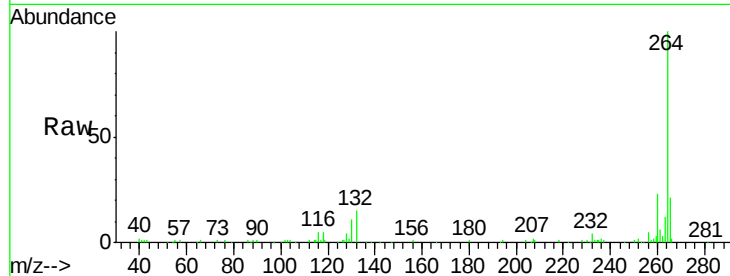




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.87 min Scan# 1906
Delta R.T. -0.06 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

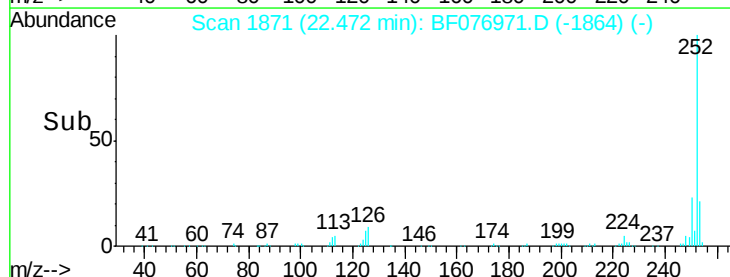
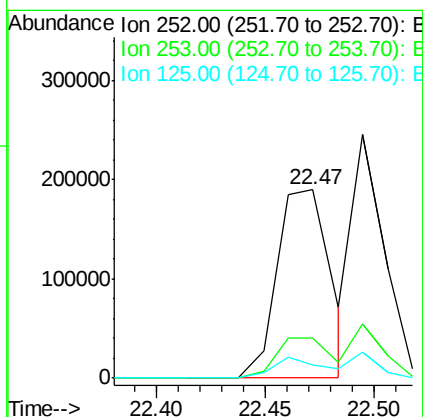
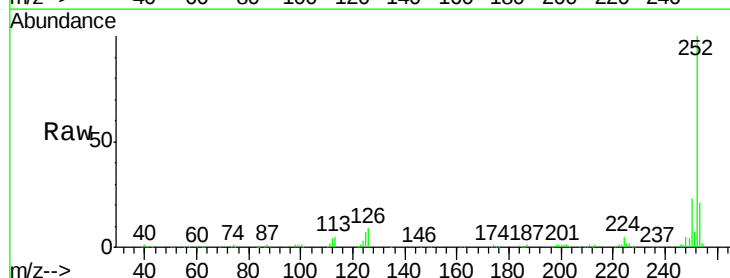
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 97935
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 20.7 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 49.21 ng
RT: 22.47 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:252 Resp: 324587
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 6.9 9.4 14.0#

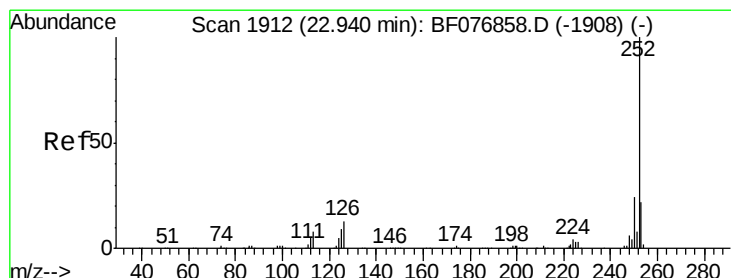
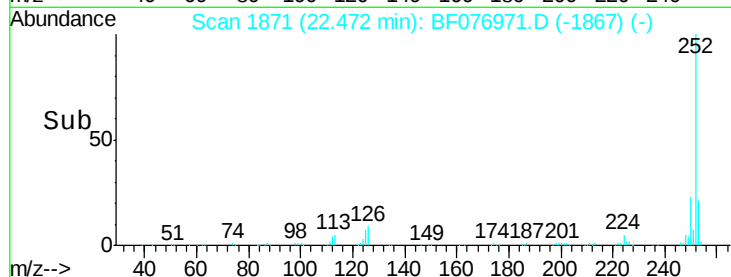
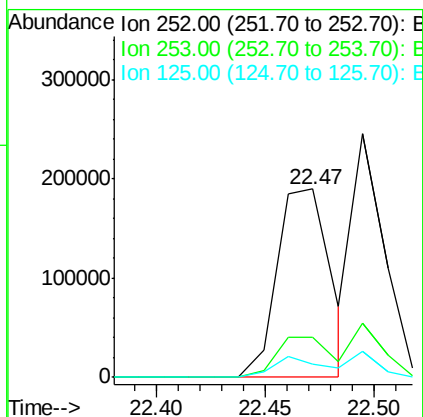
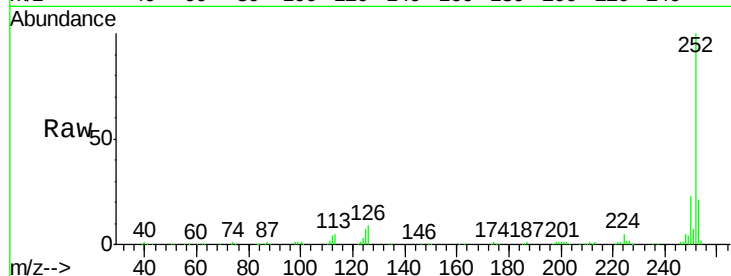




#88
Benzo(k)fluoranthene
Concen: 56.32 ng
RT: 22.47 min Scan# 1871
Delta R.T. -0.06 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

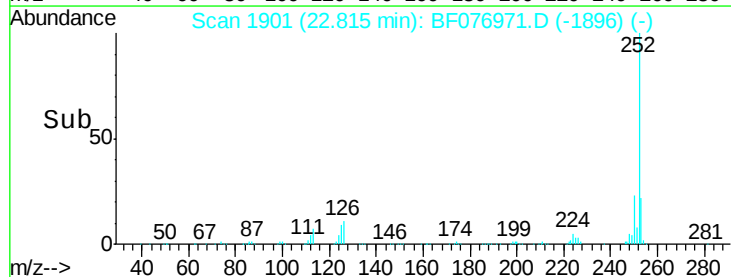
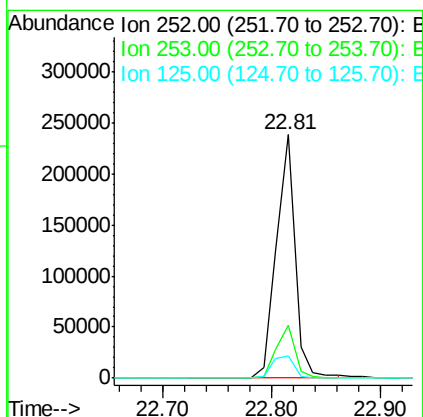
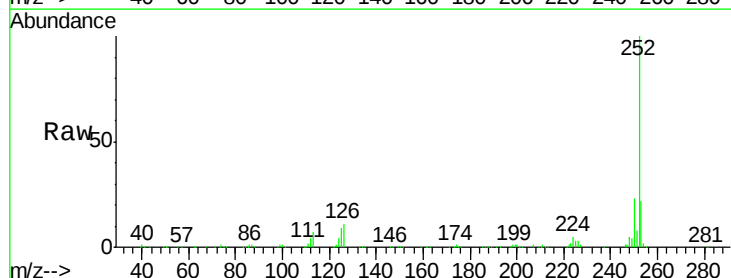
Instrument :
BNA_F
ClientSampleId :

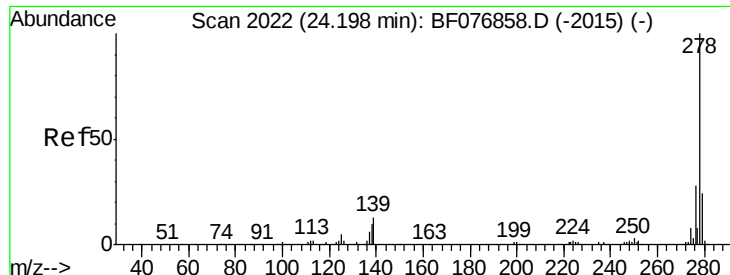
Tot Ion:252 Resp: 324587
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 6.9 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 48.68 ng
RT: 22.81 min Scan# 1901
Delta R.T. -0.05 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:252 Resp: 283204
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.2 7.2 10.8

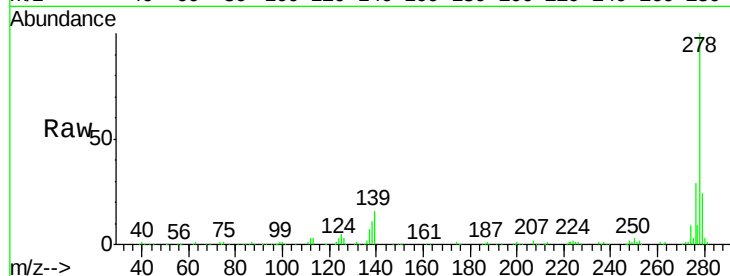




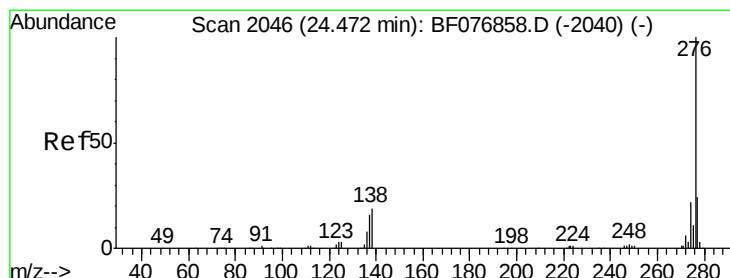
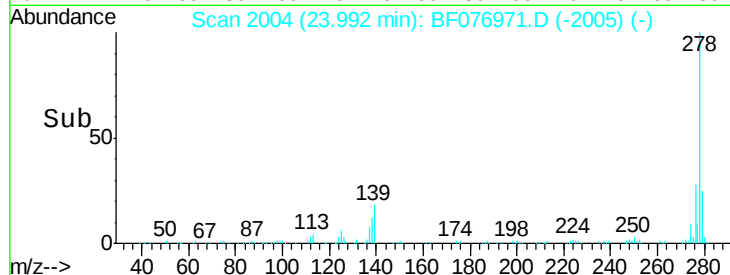
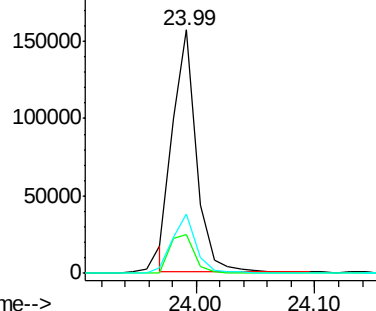
#90
Dibenzo(a,h)anthracene
Concen: 40.25 ng
RT: 23.99 min Scan# 2004
Delta R.T. -0.11 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 214858
Ion Ratio Lower Upper
278 100
139 15.8 10.5 15.7#
279 24.5 19.3 28.9

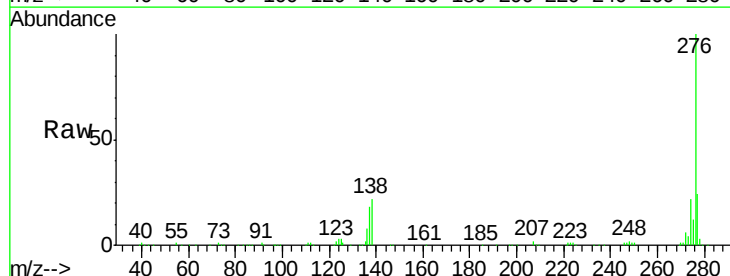


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 42.05 ng
RT: 24.25 min Scan# 2027
Delta R.T. -0.11 min
Lab File: BF076971.D
Acq: 20 Jan 2015 20:12

Tgt Ion:276 Resp: 223193
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 22.2 15.0 22.6



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

