

Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
 Data File : BF076864.D
 Acq On : 14 Jan 2015 17:43
 Operator : IZ / TP
 Sample : PB81310BS
 Misc : W DOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

Quant Time: Jan 15 00:04:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29598	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	119899	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	64077	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	107785	20.00	ng	0.00
75) Chrysene-d12	21.31	240	105508	20.00	ng	0.00
86) Perylene-d12	23.00	264	93143	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	239950	133.29	ng	0.01
7) Phenol-d6	7.42	99	296421	130.53	ng	0.00
23) Nitrobenzene-d5	9.32	82	185350	85.64	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	68728	132.14	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	377904	89.75	ng	0.00
78) Terphenyl-d14	20.04	244	377217	82.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.34	88	25209	32.70	ng	98
3) Pyridine	1.83	79	75395	37.80	ng	94
4) n-Nitrosodimethylamine	1.78	42	38225	38.69	ng	# 92
6) Aniline	7.32	93	28680	9.13	ng	95
8) 2-Chlorophenol	7.56	128	78808	37.97	ng	99
9) Benzaldehyde	7.03	77	31472	22.28	ng	91
10) Phenol	7.44	94	95345	39.54	ng	92
11) bis(2-Chloroethyl)ether	7.56	93	75184	39.85	ng	92
12) 1,3-Dichlorobenzene	7.86	146	88897	37.65	ng	98
13) 1,4-Dichlorobenzene	8.06	146	91764	36.65	ng	97
14) 1,2-Dichlorobenzene	8.38	146	87297	37.84	ng	98
15) Benzyl Alcohol	8.45	79	72952	39.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	97673	38.51	ng	93
17) 2-Methylphenol	8.79	107	63969	37.72	ng	97
18) Hexachloroethane	9.12	117	34078	39.13	ng	96
19) n-Nitroso-di-n-propylamine	9.08	70	58506	36.80	ng	97
20) 3+4-Methylphenols	9.18	107	82654	36.81	ng	93
22) Acetophenone	9.01	105	121058	41.22	ng	97
24) Nitrobenzene	9.36	77	87761	39.81	ng	95
25) Isophorone	9.96	82	156559	39.72	ng	# 93
26) 2-Nitrophenol	10.09	139	41653	36.71	ng	# 85
27) 2,4-Dimethylphenol	10.37	122	70759	41.50	ng	99
28) bis(2-Chloroethoxy)methane	10.57	93	95635	42.69	ng	97
29) 2,4-Dichlorophenol	10.70	162	66593	41.91	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	70882	40.16	ng	93
31) Naphthalene	10.97	128	240536	38.97	ng	98
32) Benzoic acid	10.71	122	23192	24.55	ng	93
33) 4-Chloroaniline	11.21	127	26747	10.72	ng	98
34) Hexachlorobutadiene	11.34	225	40523	38.70	ng	96
35) Caprolactam	12.05	113	18288	39.09	ng	# 86
36) 4-Chloro-3-methylphenol	12.52	107	72611	39.91	ng	98
37) 2-Methylnaphthalene	12.63	142	166938	39.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	66327	41.87	ng	98
40) Hexachlorocyclopentadiene	13.03	237	70697	85.19	ng	98

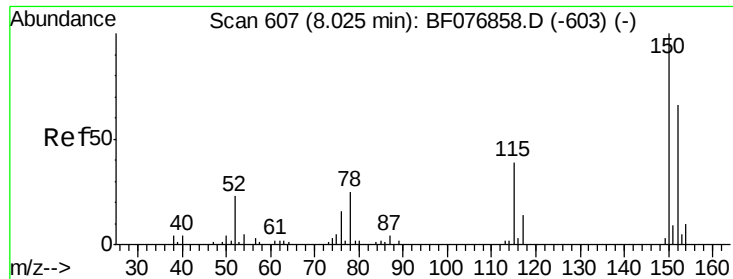
Data Path : Z:\HPCHEM1\BNA F\Data\BF011415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	44993	38.98	nq	98
43) 2,4,5-Trichlorophenol	13.48	196	45028	38.25	nq	99
45) 1,1'-Biphenyl	13.80	154	199850	42.07	nq	97
46) 2-Chloronaphthalene	13.77	162	160834	41.14	nq	96
47) 2-Nitroaniline	14.11	65	49985	42.15	nq	92
48) Acenaphthylene	14.72	152	254355	38.58	nq	99
49) Dimethylphthalate	14.65	163	183151	40.30	nq	96
50) 2,6-Dinitrotoluene	14.76	165	38251	42.13	nq	97
51) Acenaphthene	15.15	154	143868	38.46	nq	98
52) 3-Nitroaniline	15.10	138	18082	15.17	nq	# 77
53) 2,4-Dinitrophenol	15.39	184	29685	75.25	nq	98
54) Dibenzofuran	15.57	168	224643	41.22	nq	97
55) 4-Nitrophenol	15.68	139	52294	73.41	nq	95
56) 2,4-Dinitrotoluene	15.68	165	53161	38.82	nq	# 82
57) Fluorene	16.28	166	184693	40.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.90	232	34130	39.82	nq	93
59) Diethylphthalate	16.27	149	194337	42.31	nq	98
60) 4-Chlorophenyl-phenylether	16.36	204	78512	41.56	nq	97
61) 4-Nitroaniline	16.40	138	38775	33.74	nq	97
62) Azobenzene	16.64	77	192902	40.31	nq	97
64) 4,6-Dinitro-2-methylphenol	16.47	198	24456	34.96	nq	# 63
65) n-Nitrosodiphenylamine	16.60	169	151125	39.32	nq	98
66) 4-Bromophenyl-phenylether	17.19	248	45277	41.46	nq	97
67) Hexachlorobenzene	17.21	284	46212	40.16	nq	96
68) Atrazine	17.56	200	56685	48.60	nq	96
69) Pentachlorophenol	17.57	266	38419	75.87	nq	94
70) Phenanthrene	17.85	178	258480	38.45	nq	99
71) Anthracene	17.92	178	259168	39.54	nq	98
72) Carbazole	18.21	167	247567	38.94	nq	99
73) Di-n-butylphthalate	18.79	149	316026	42.94	nq	99
74) Fluoranthene	19.49	202	263693	38.29	nq	98
76) Benzidine	19.72	184	85354	25.28	nq	98
77) Pyrene	19.77	202	277575	38.39	nq	100
79) Butylbenzylphthalate	20.70	149	138522	42.30	nq	96
80) Benzo(a)anthracene	21.29	228	251281	37.96	nq	99
81) 3,3'-Dichlorobenzidine	21.31	252	23995	11.41	nq	98
82) Chrysene	21.34	228	237570	39.35	nq	98
83) Bis(2-ethylhexyl)phthalate	21.44	149	205663	45.39	nq	100
84) Di-n-octyl phthalate	22.22	149	359476	45.71	nq	99
85) Indeno(1,2,3-cd)pyrene	24.14	276	250627	39.17	nq	# 84
87) Benzo(b)fluoranthene	22.56	252	255562	40.74	nq	99
88) Benzo(k)fluoranthene	22.56	252	255562	46.63	nq	# 96
89) Benzo(a)pyrene	22.93	252	225460	40.74	nq	97
90) Dibenzo(a,h)anthracene	24.16	278	209650	41.29	nq	# 93
91) Benzo(g,h,i)perylene	24.44	276	202473	40.11	nq	# 93

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

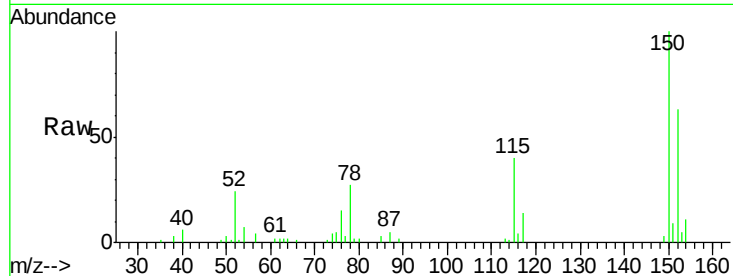


#1

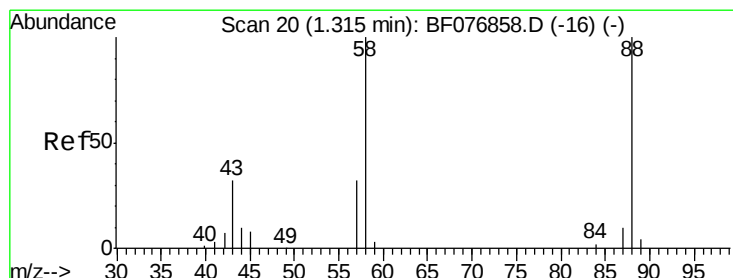
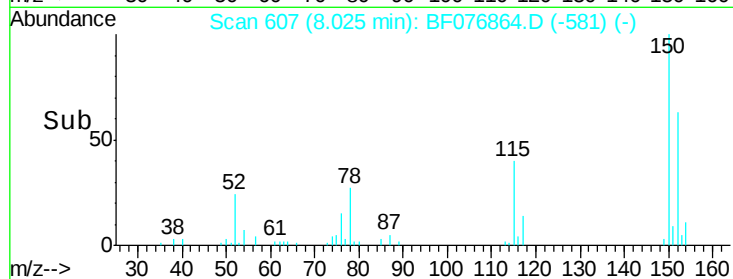
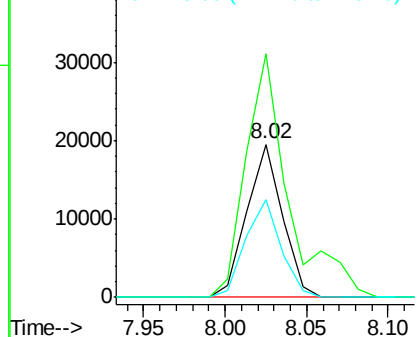
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:152 Resp: 29598
Ion Ratio Lower Upper
152 100
150 158.9 121.7 182.5
115 63.9 47.0 70.6



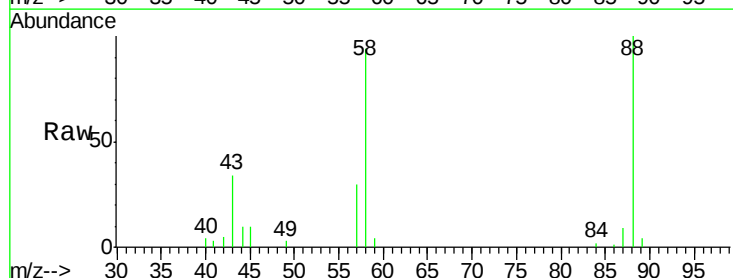
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



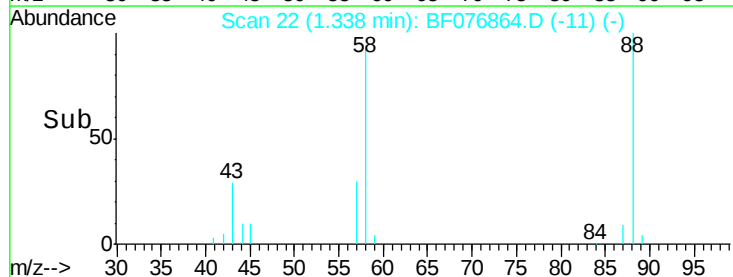
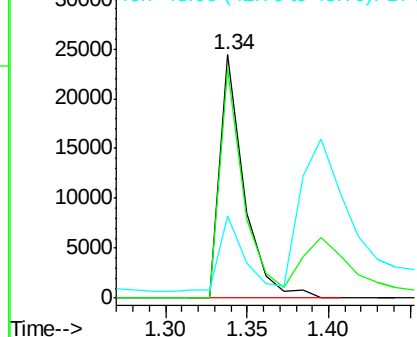
#2

1,4-Dioxane
Concen: 32.70 ng
RT: 1.34 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion: 88 Resp: 25209
Ion Ratio Lower Upper
88 100
58 93.7 77.0 115.4
43 32.7 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: 37.80 ng

RT: 1.83 min Scan# 65

Delta R.T. 0.03 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

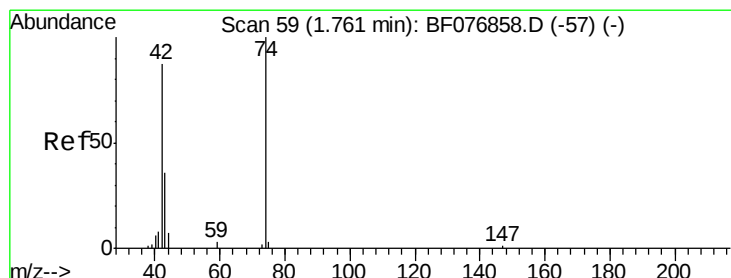
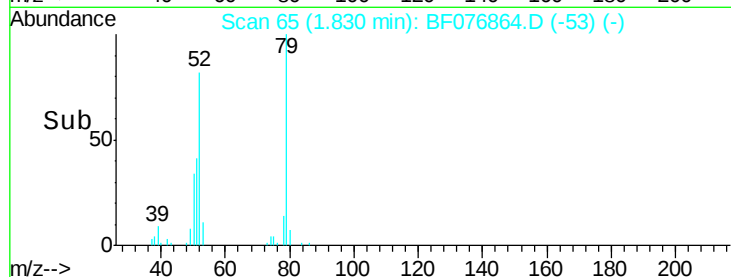
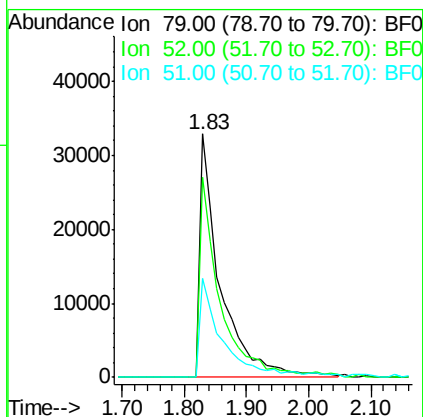
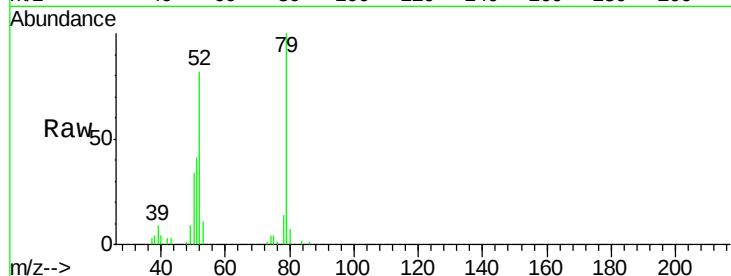
BNA_F

ClientSampleId :

PB81310BS

Tot Ion: 79 Resp: 75395

Ion	Ratio	Lower	Upper
79	100		
52	82.0	70.1	105.1
51	40.7	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 38.69 ng

RT: 1.78 min Scan# 61

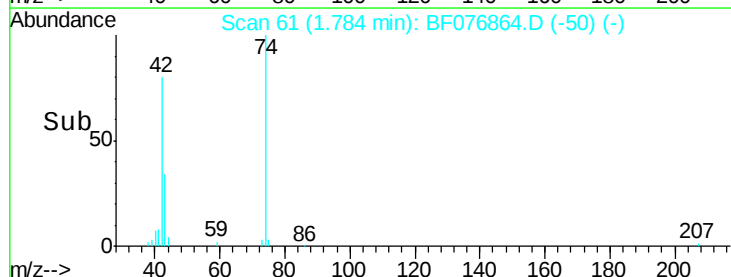
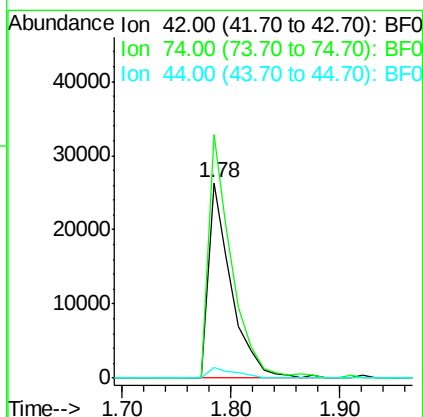
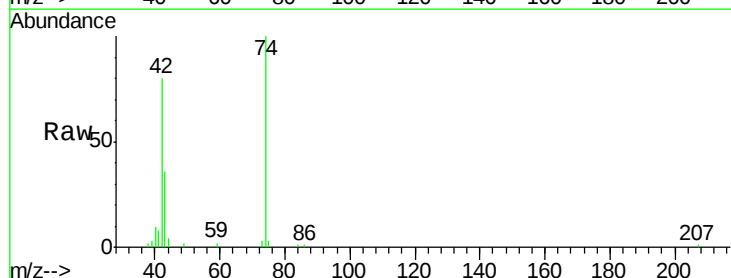
Delta R.T. 0.02 min

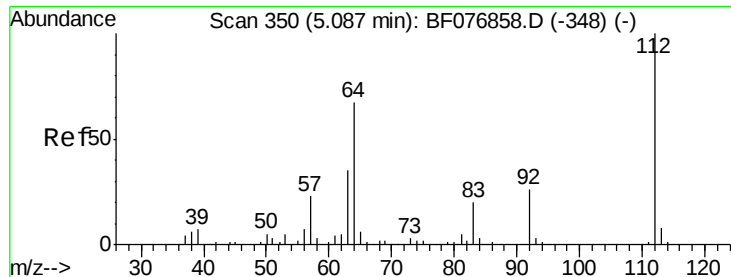
Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Tgt Ion: 42 Resp: 38225

Ion	Ratio	Lower	Upper
42	100		
74	124.8	92.4	138.6
44	5.6	6.2	9.2#





#5

2-Fluorophenol

Concen: 133.29 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

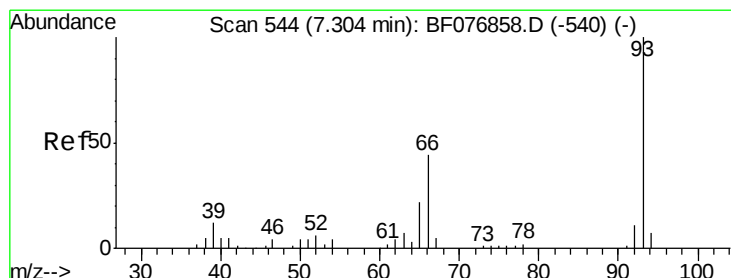
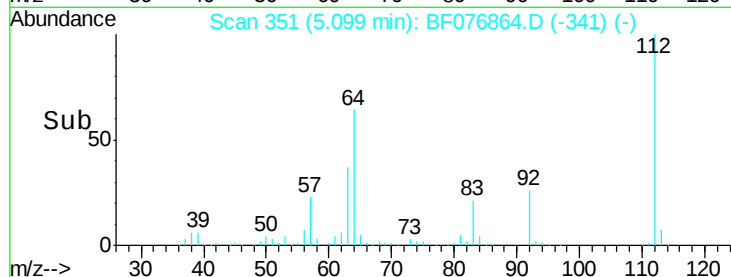
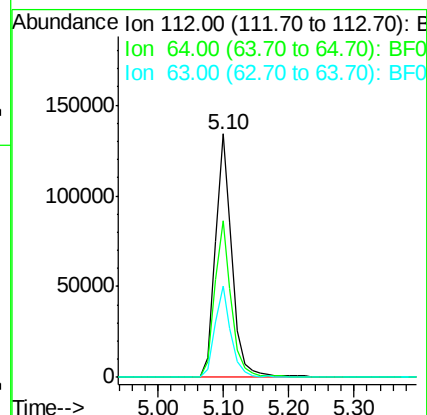
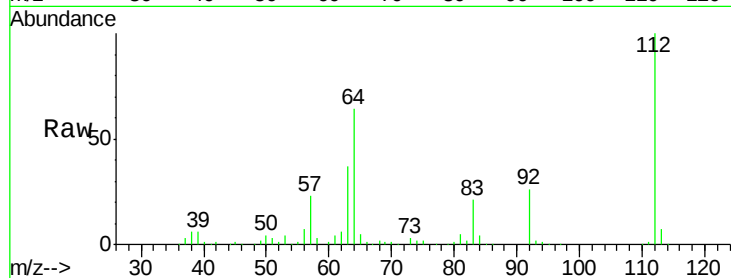
Instrument :

BNA_F

ClientSampleId :

PB81310BS

Tot Ion:	112	Resp:	239950
Ion	Ratio	Lower	Upper
112	100		
64	64.4	54.2	81.4
63	37.5	28.4	42.6



#6

Aniline

Concen: 9.13 ng

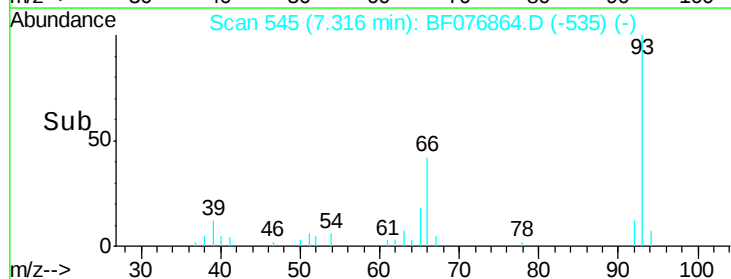
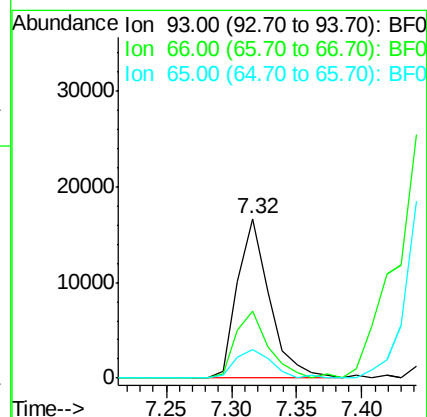
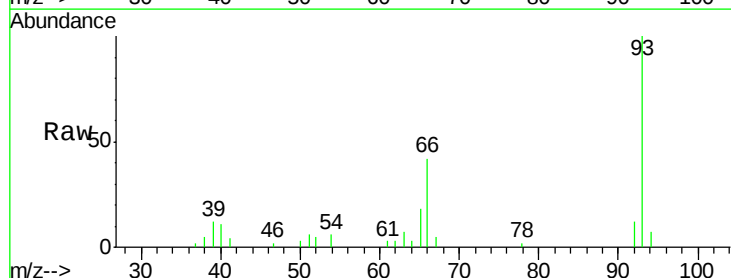
RT: 7.32 min Scan# 545

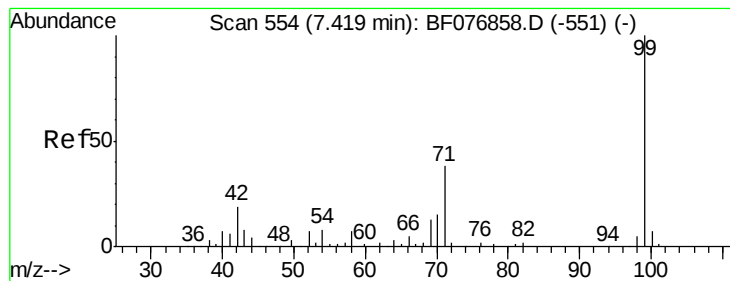
Delta R.T. 0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Tgt Ion:	93	Resp:	28680
Ion	Ratio	Lower	Upper
93	100		
66	41.9	35.0	52.4
65	18.1	17.7	26.5





#7

Phenol-d6

Concen: 130.53 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

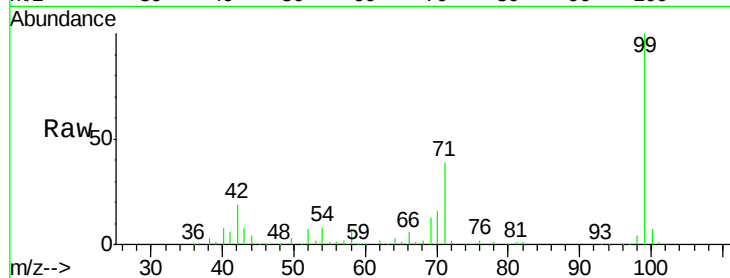
Tot Ion: 99 Resp: 296421

Ion Ratio Lower Upper

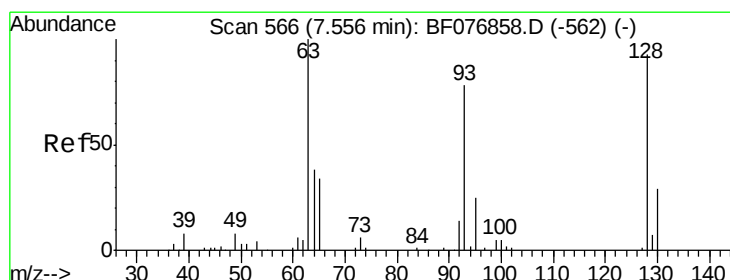
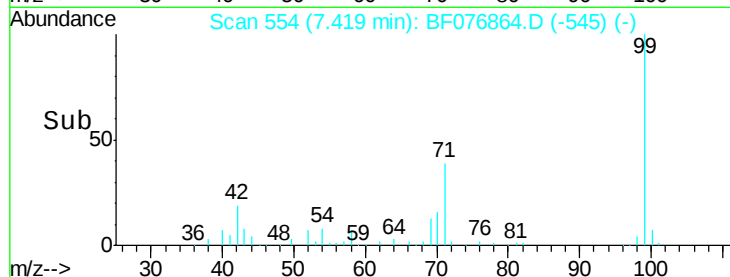
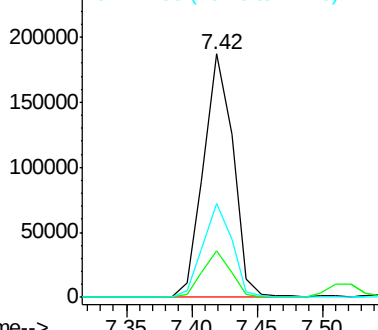
99 100

42 18.9 15.0 22.4

71 38.6 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: 37.97 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

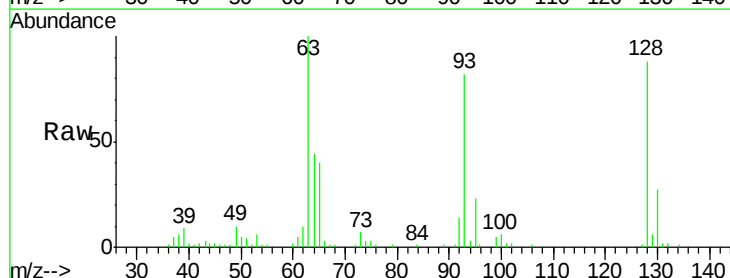
Tgt Ion: 128 Resp: 78808

Ion Ratio Lower Upper

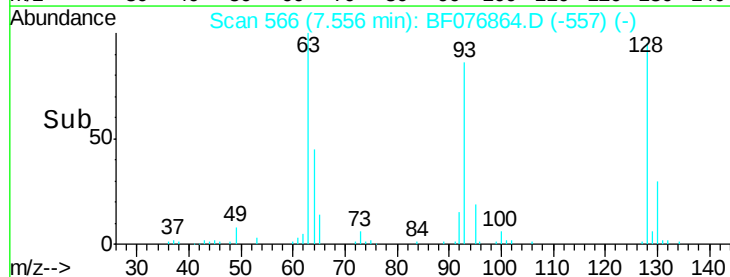
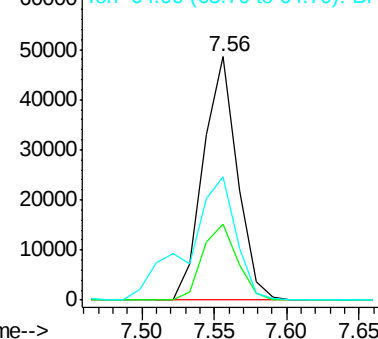
128 100

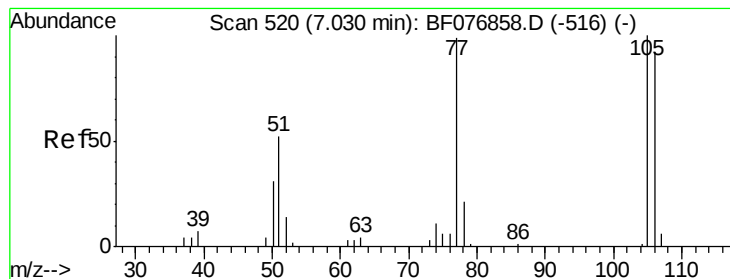
130 31.2 11.0 51.0

64 50.4 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: 22.28 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

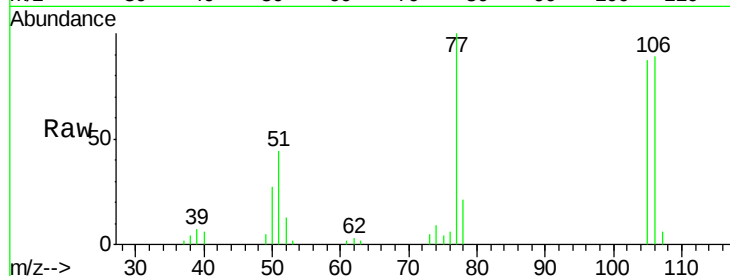
Tot Ion: 77 Resp: 31472

Ion Ratio Lower Upper

77 100

105 87.1 81.4 121.4

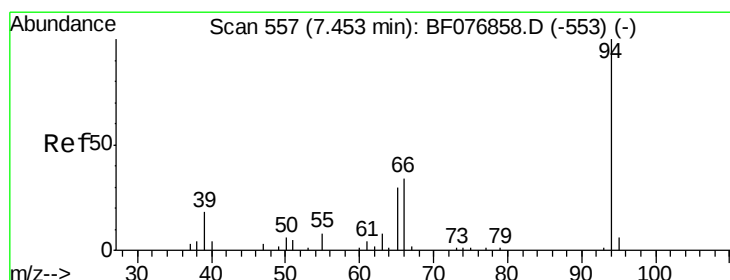
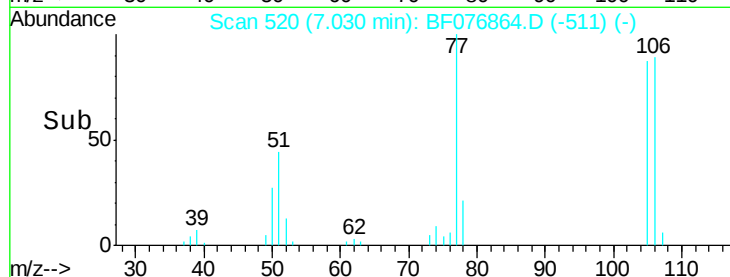
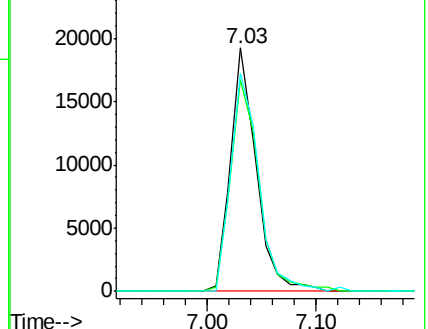
106 89.3 72.8 112.8



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: 39.54 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

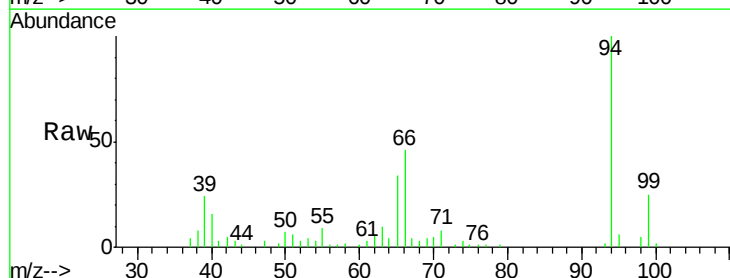
Tgt Ion: 94 Resp: 95345

Ion Ratio Lower Upper

94 100

65 33.5 11.3 51.3

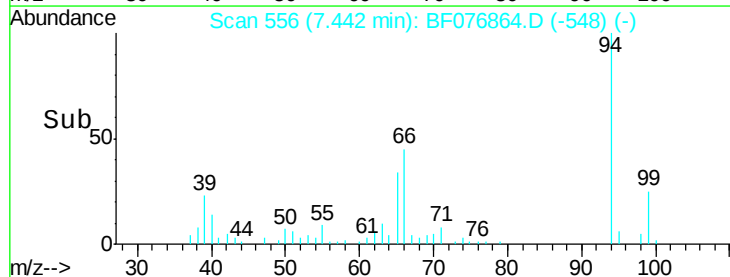
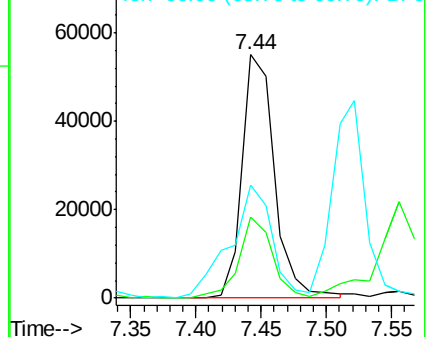
66 46.2 19.5 59.5

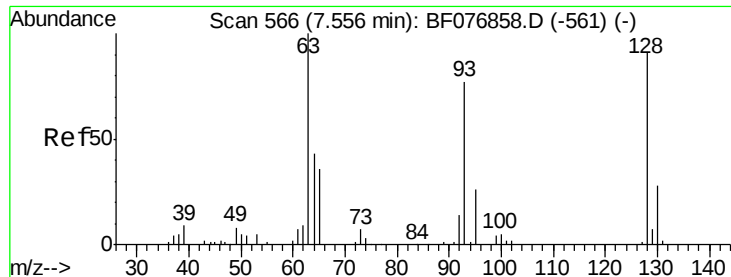


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

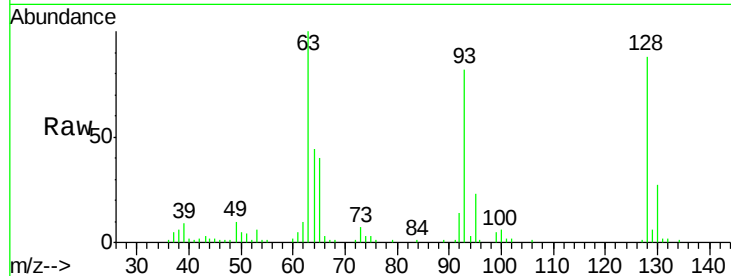




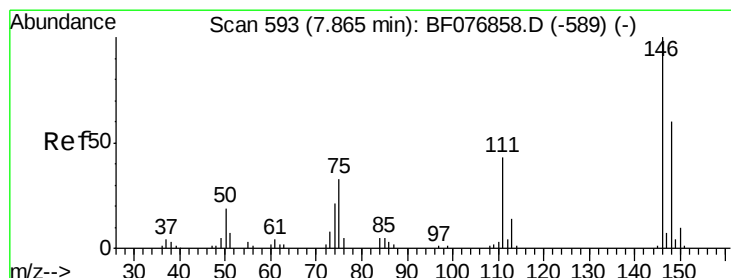
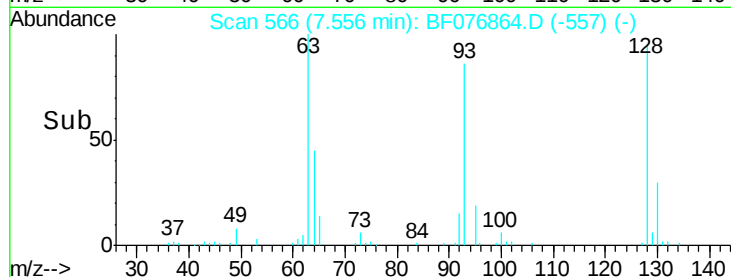
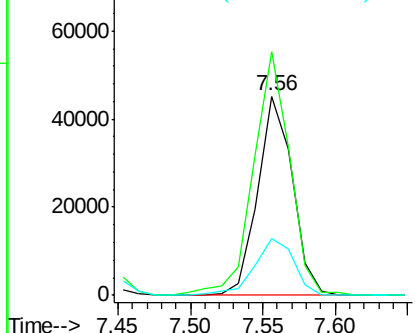
#11
bis(2-Chloroethyl)ether
Concen: 39.85 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion: 93 Resp: 75184
Ion Ratio Lower Upper
93 100
63 122.1 111.3 151.3
95 28.6 13.8 53.8

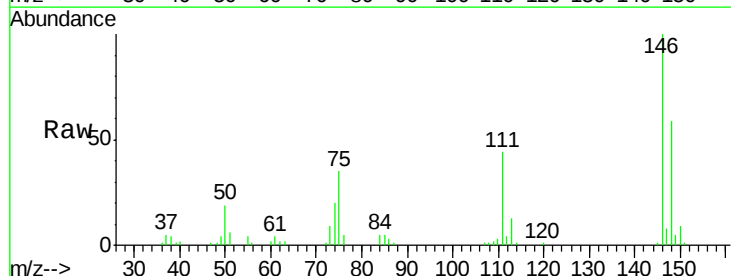


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

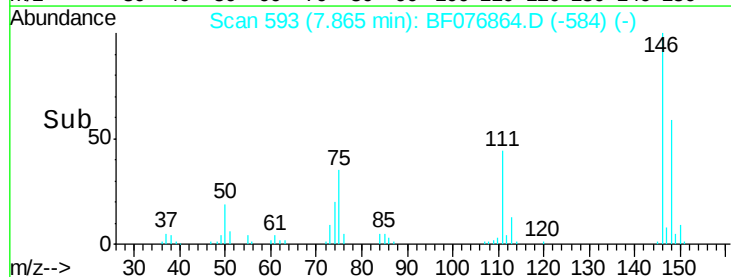
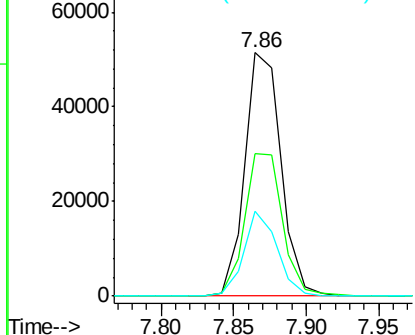


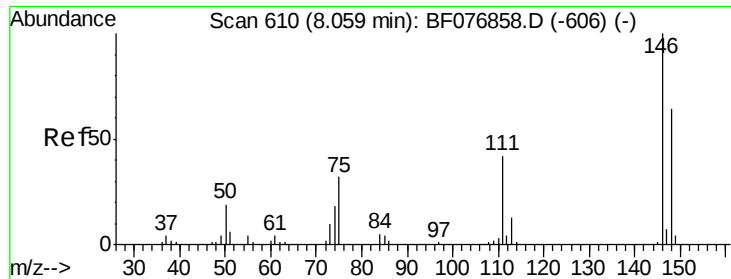
#12
1,3-Dichlorobenzene
Concen: 37.65 ng
RT: 7.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion: 146 Resp: 88897
Ion Ratio Lower Upper
146 100
148 58.6 48.1 72.1
75 34.6 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

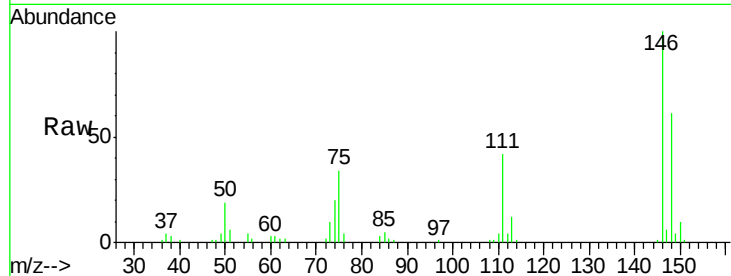




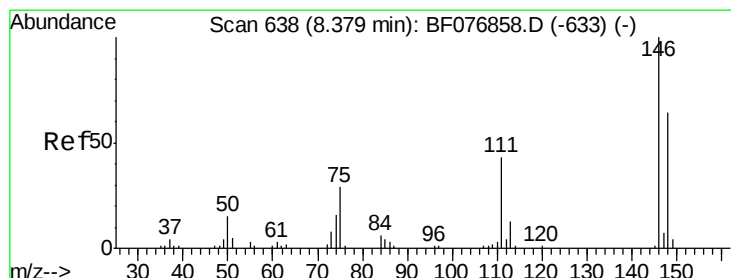
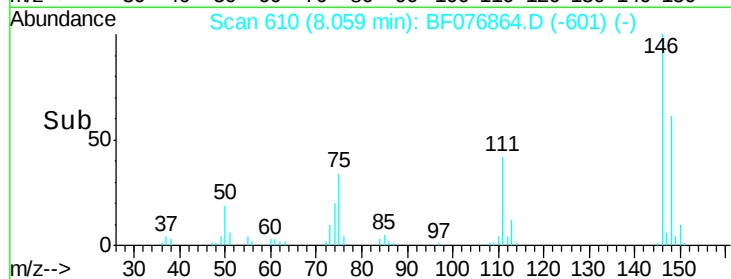
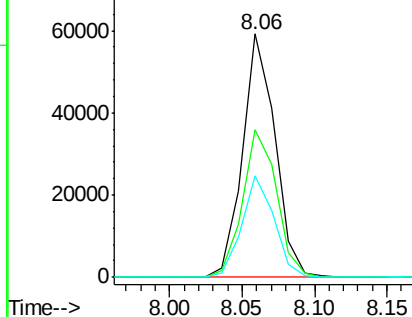
#13
 1,4-Dichlorobenzene
 Concen: 36.65 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

Tot Ion:146 Resp: 91764
 Ion Ratio Lower Upper
 146 100
 148 60.7 51.5 77.3
 111 41.5 33.9 50.9

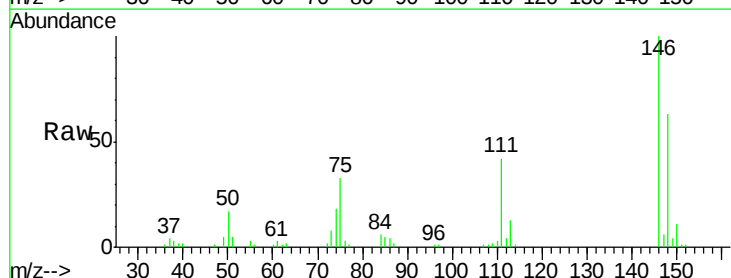


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

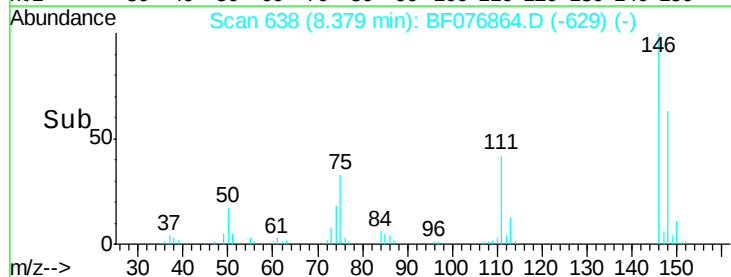
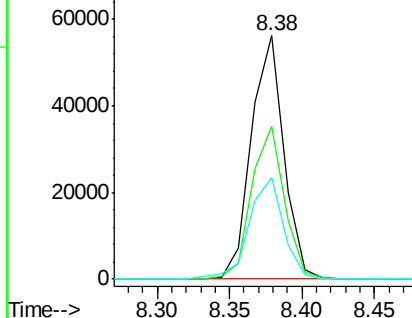


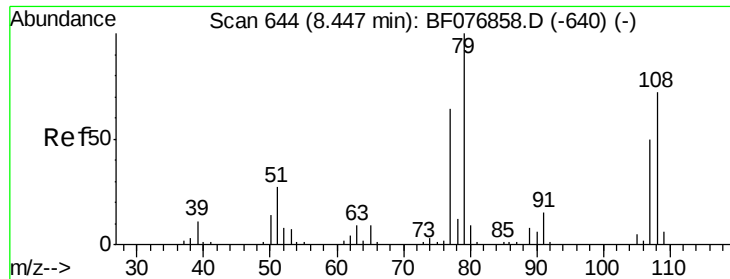
#14
 1,2-Dichlorobenzene
 Concen: 37.84 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:146 Resp: 87297
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.3 76.9
 111 41.9 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: 39.70 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

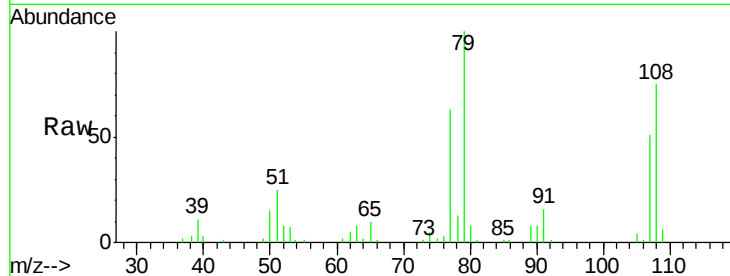
Tot Ion: 79 Resp: 72952

Ion Ratio Lower Upper

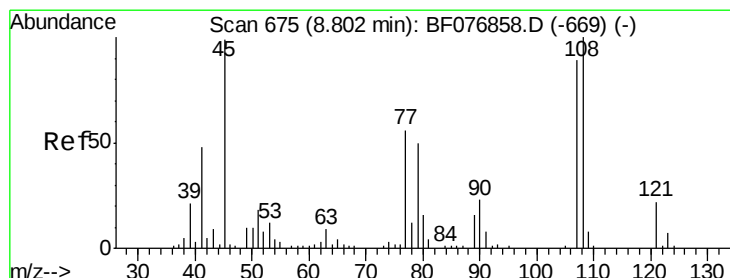
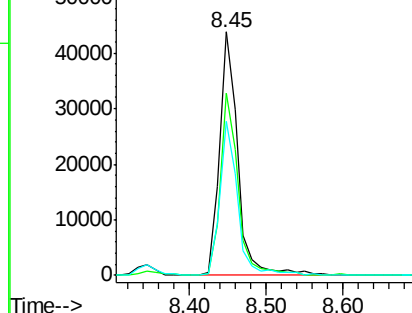
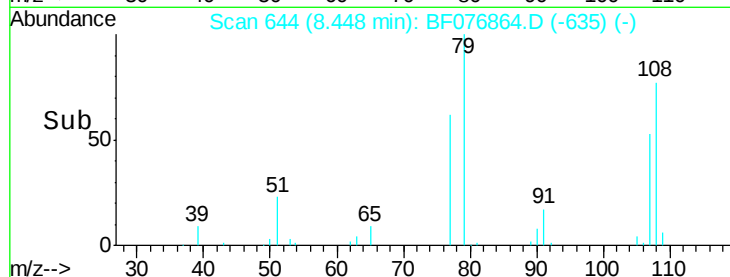
79 100

108 75.1 57.2 85.8

77 63.4 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: 38.51 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

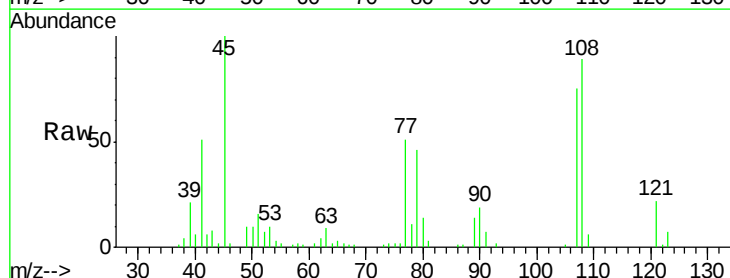
Tgt Ion: 45 Resp: 97673

Ion Ratio Lower Upper

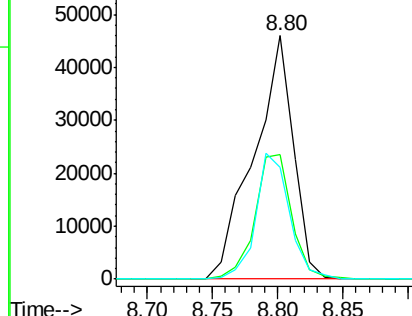
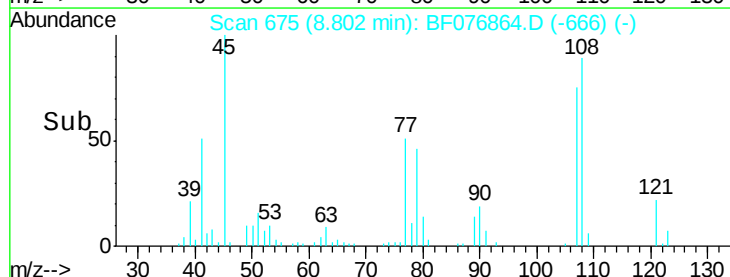
45 100

77 51.0 36.1 76.1

79 46.1 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

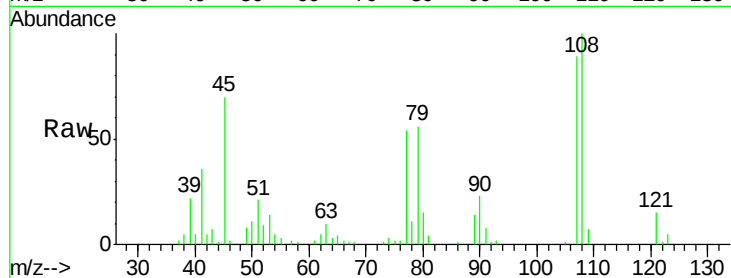




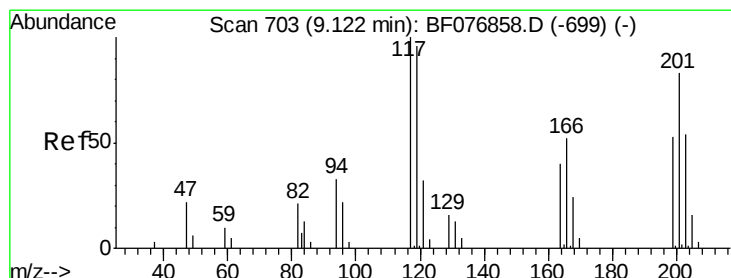
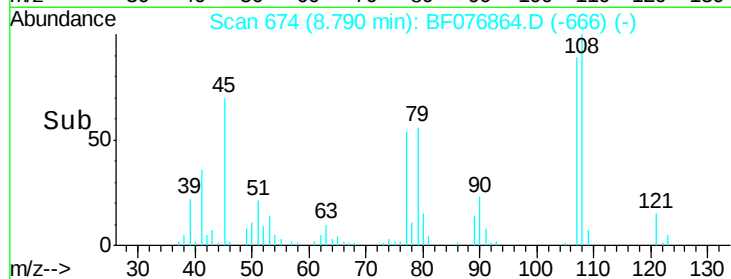
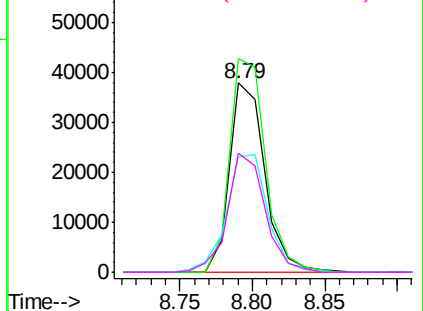
#17
2-Methylphenol
Concen: 37.72 ng
RT: 8.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:107 Resp: 63969
Ion Ratio Lower Upper
107 100
108 113.0 89.7 134.5
77 61.1 50.1 75.1
79 63.0 45.0 67.6

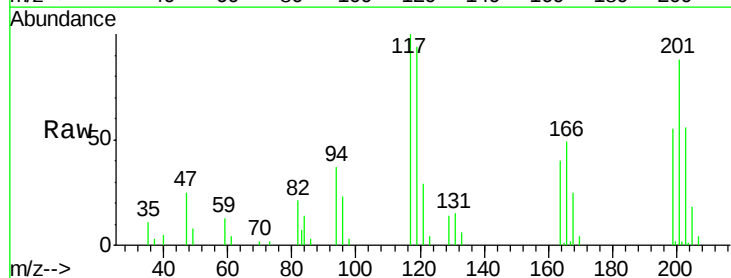


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

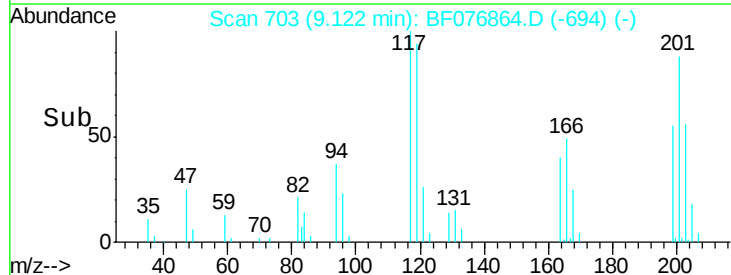
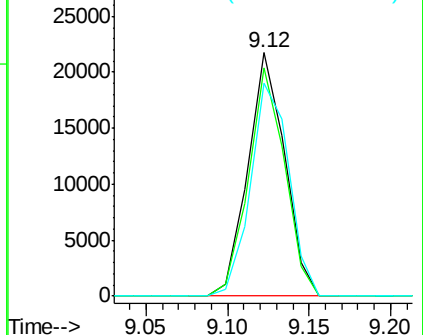


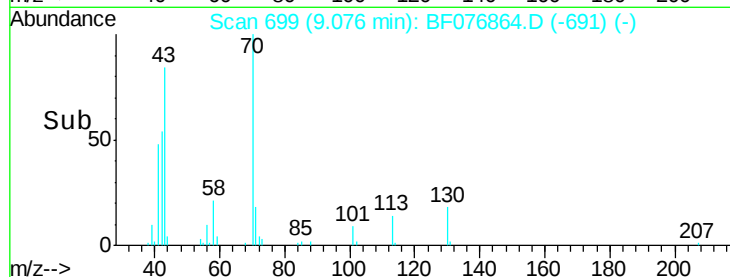
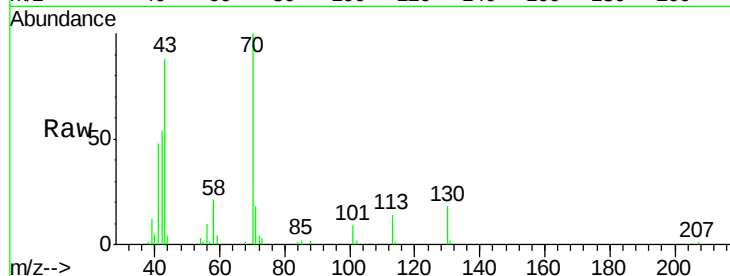
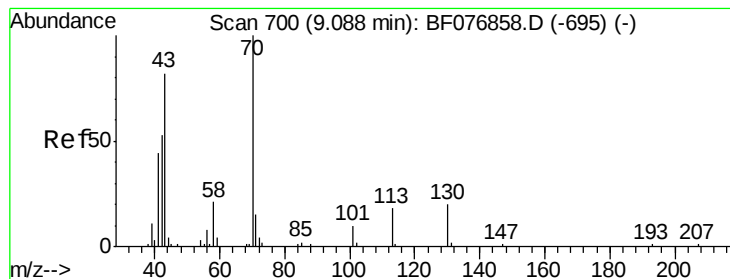
#18
Hexachloroethane
Concen: 39.13 ng
RT: 9.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:117 Resp: 34078
Ion Ratio Lower Upper
117 100
119 93.6 77.1 115.7
201 87.6 66.8 100.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.80 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

Tot Ion: 70 Resp: 58506

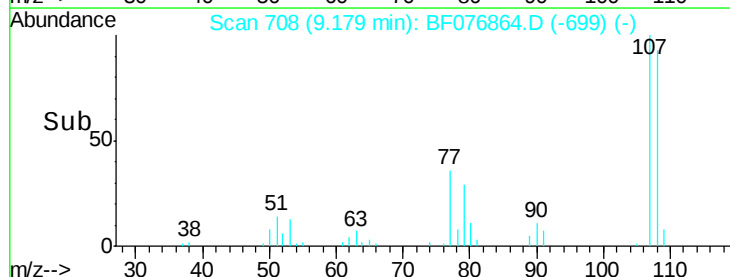
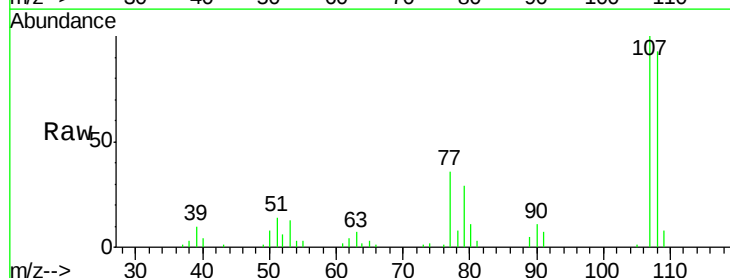
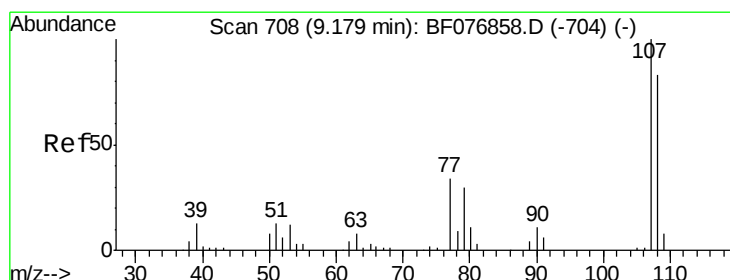
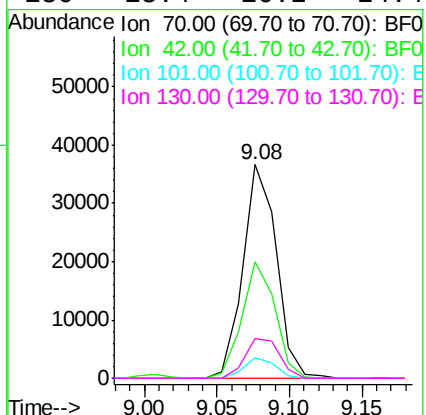
Ion Ratio Lower Upper

70 100

42 54.3 42.1 63.1

101 9.4 7.8 11.8

130 18.4 16.2 24.4



#20

3+4-Methylphenols

Concen: 36.81 ng

RT: 9.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Tgt Ion: 107 Resp: 82654

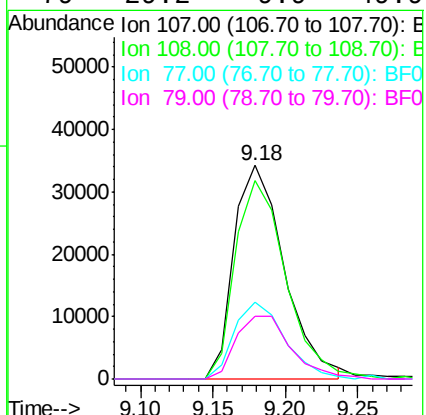
Ion Ratio Lower Upper

107 100

108 93.0 63.5 103.5

77 36.2 14.0 54.0

79 29.2 9.9 49.9

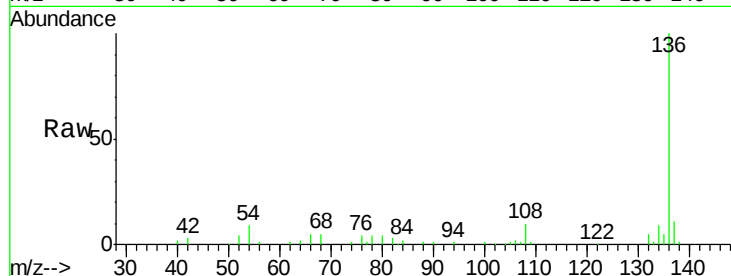




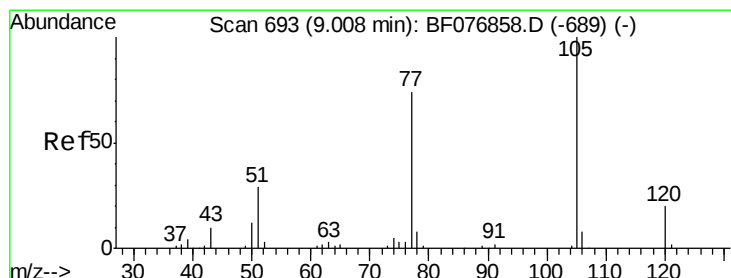
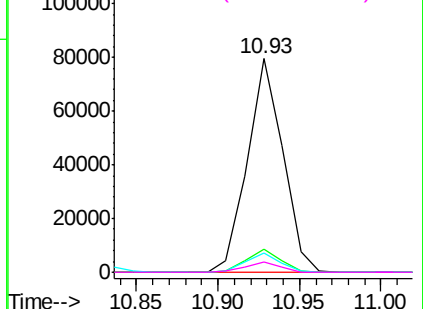
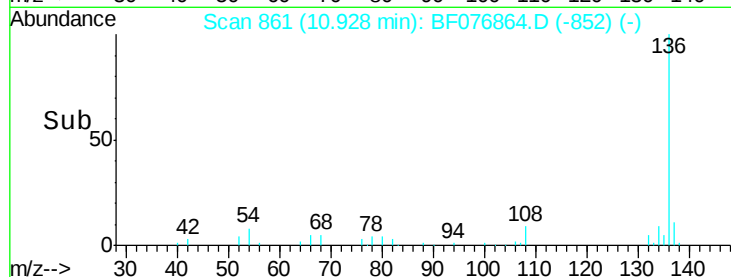
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:136	Resp:	119899
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.1 12.1
54	8.8	7.0 10.4
68	4.6	3.7 5.5

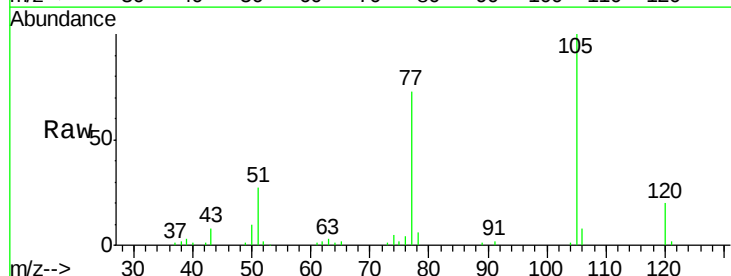


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

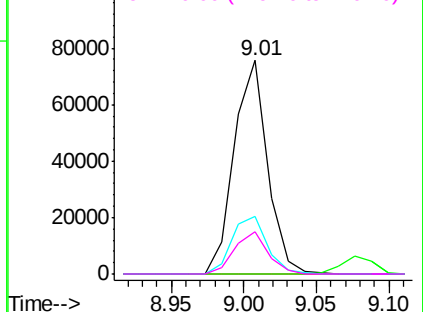
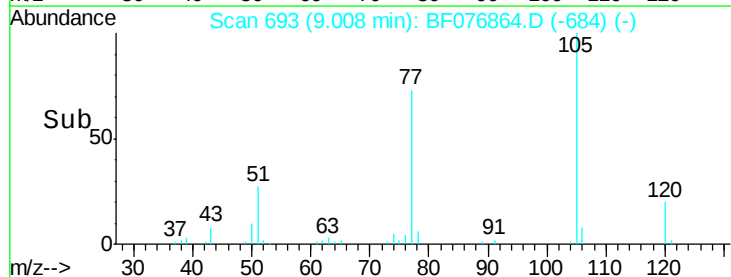


#22
Acetophenone
Concen: 41.22 ng
RT: 9.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:105	Resp:	121058
Ion	Ratio	Lower Upper
105	100	
71	0.0	0.0 0.0
51	26.7	23.3 34.9
120	19.6	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

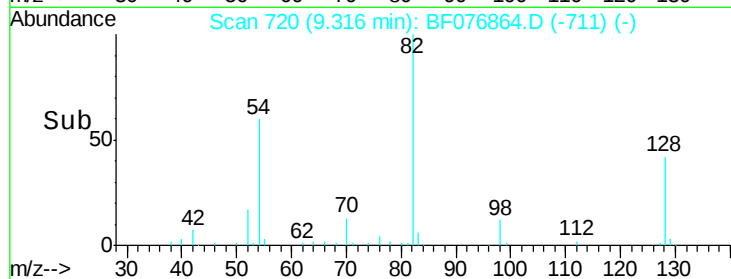
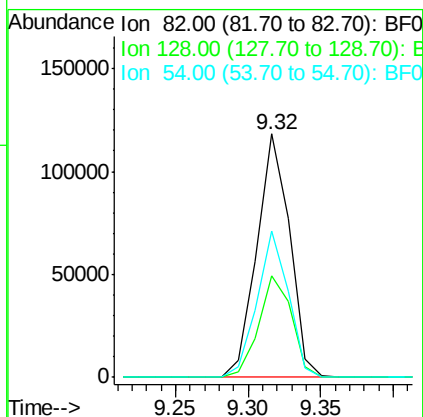
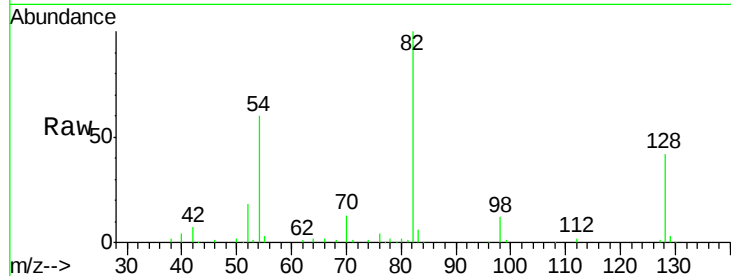




#23
Nitrobenzene-d5
Concen: 85.64 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

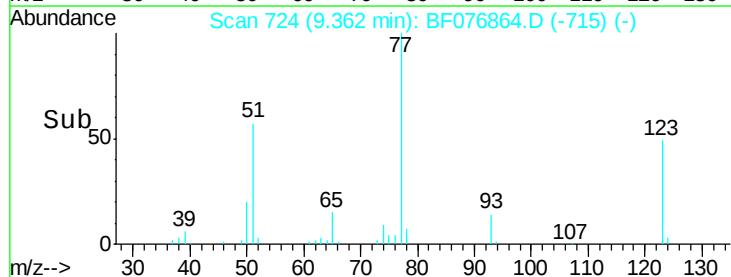
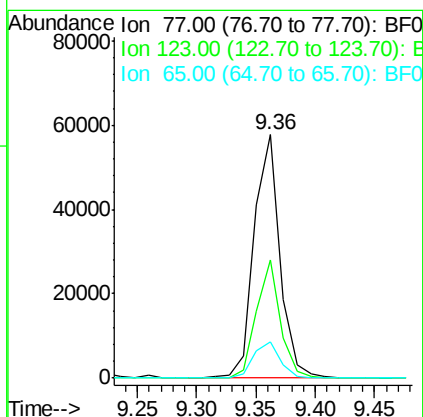
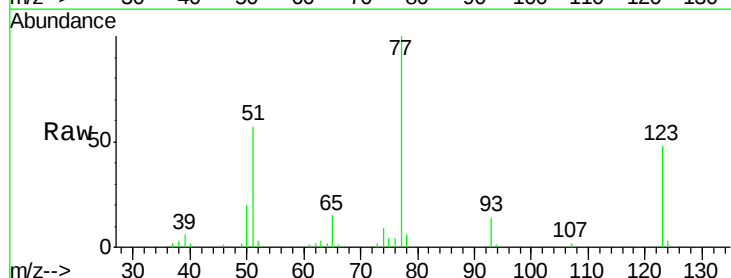
Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion: 82 Resp: 185350
Ion Ratio Lower Upper
82 100
128 41.6 33.1 49.7
54 60.4 48.3 72.5



#24
Nitrobenzene
Concen: 39.81 ng
RT: 9.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion: 77 Resp: 87761
Ion Ratio Lower Upper
77 100
123 48.4 35.2 52.8
65 14.6 11.4 17.2





#25

Isophorone

Concen: 39.72 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

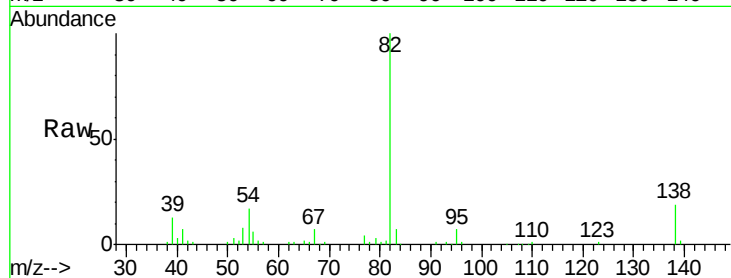
Tot Ion: 82 Resp: 156559

Ion Ratio Lower Upper

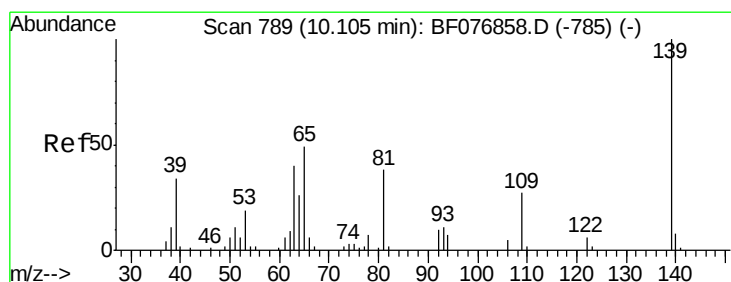
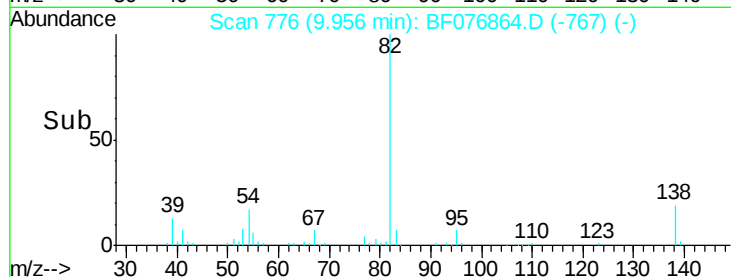
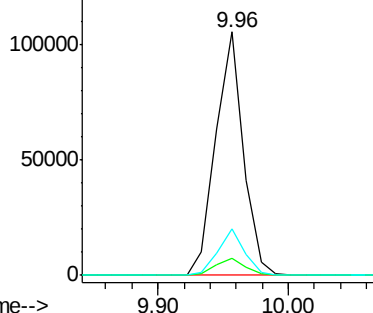
82 100

95 7.2 6.6 10.0

138 19.3 12.6 18.8#



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



#26

2-Nitrophenol

Concen: 36.71 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

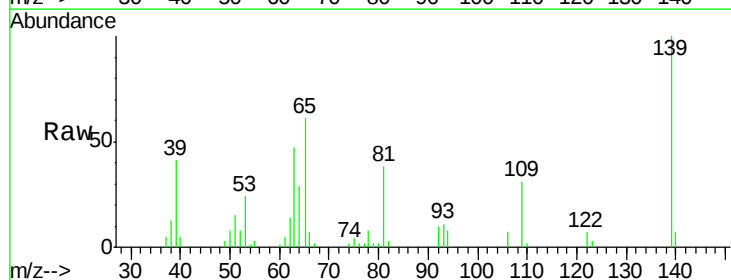
Tgt Ion: 139 Resp: 41653

Ion Ratio Lower Upper

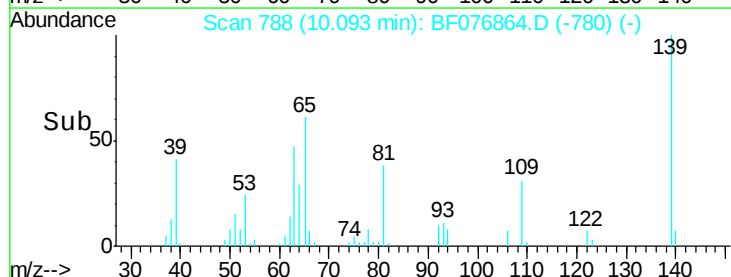
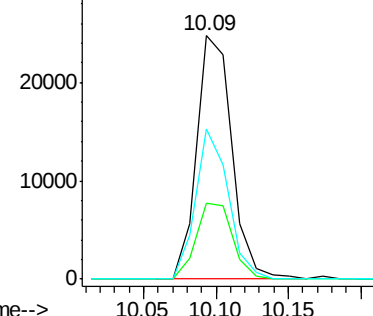
139 100

109 31.3 21.3 31.9

65 61.5 39.4 59.0#



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





#27

2,4-Dimethylphenol

Concen: 41.50 ng

RT: 10.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

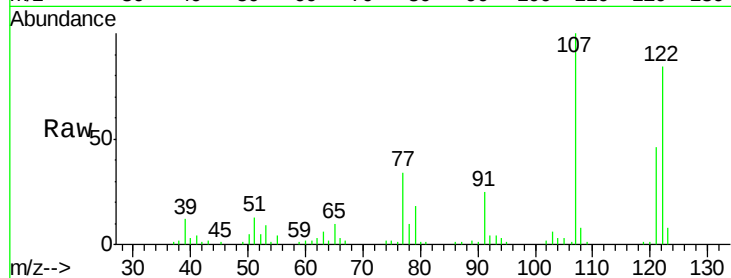
Tot Ion:122 Resp: 70759

Ion Ratio Lower Upper

122 100

107 119.7 95.2 142.8

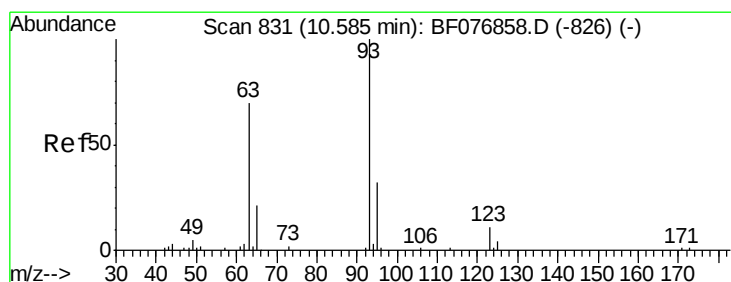
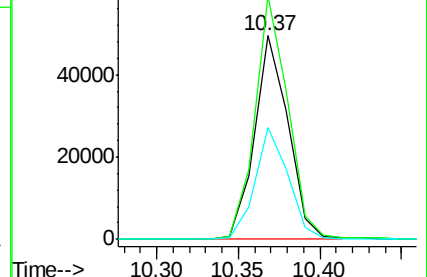
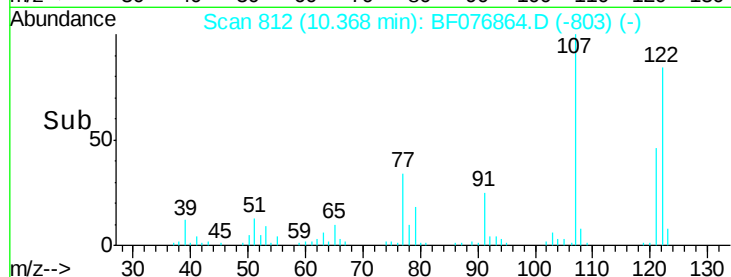
121 55.2 42.9 64.3



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: 42.69 ng

RT: 10.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

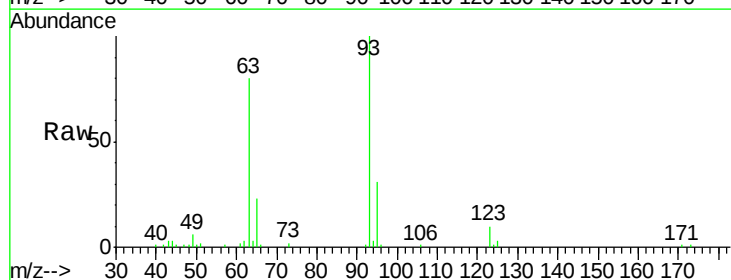
Tgt Ion: 93 Resp: 95635

Ion Ratio Lower Upper

93 100

95 30.6 25.6 38.4

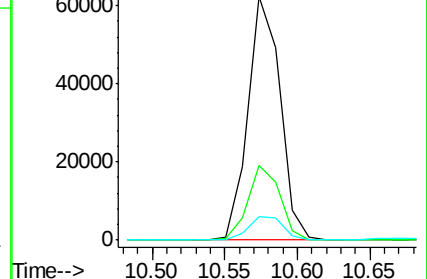
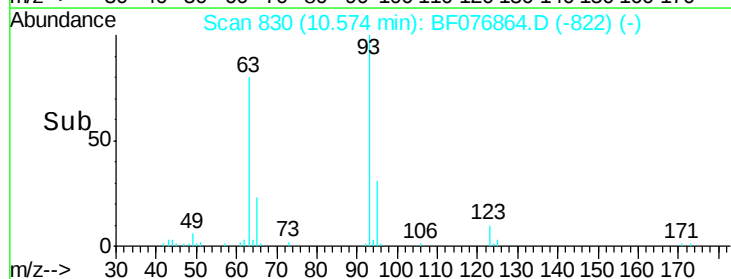
123 9.7 8.9 13.3



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

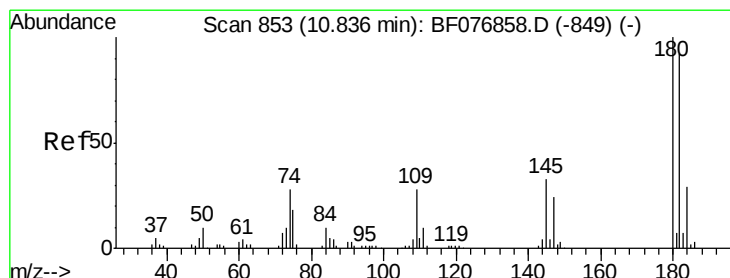
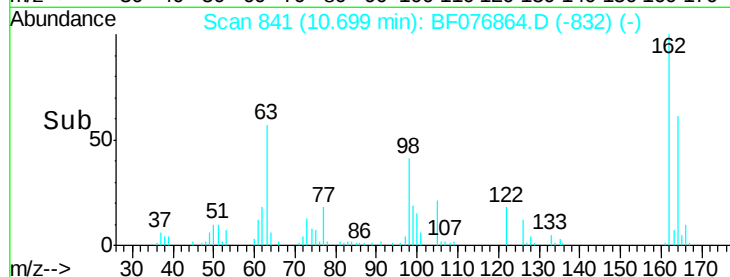
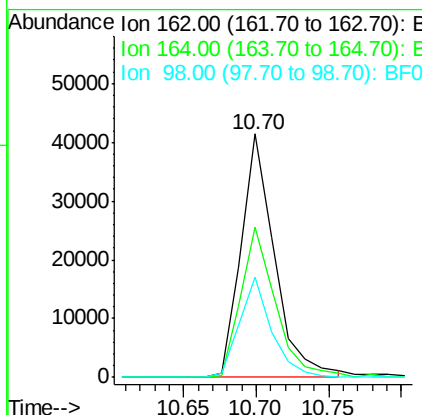
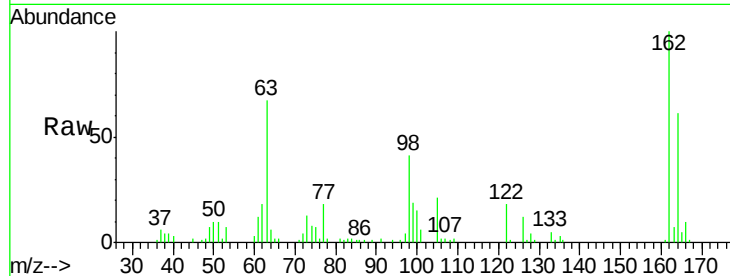




#29
 2,4-Dichlorophenol
 Concen: 41.91 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

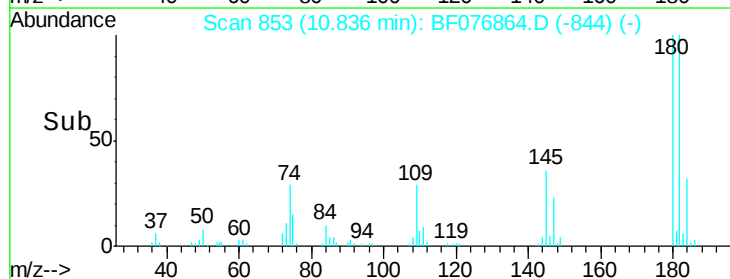
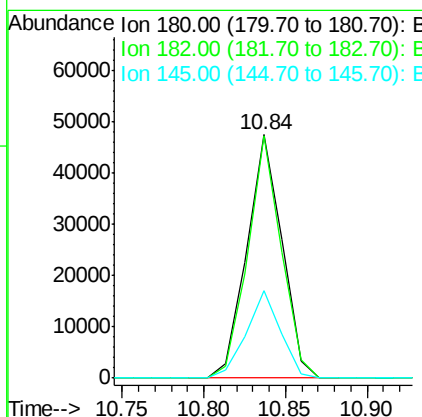
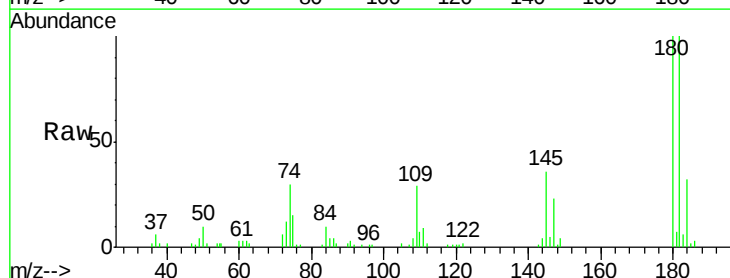
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

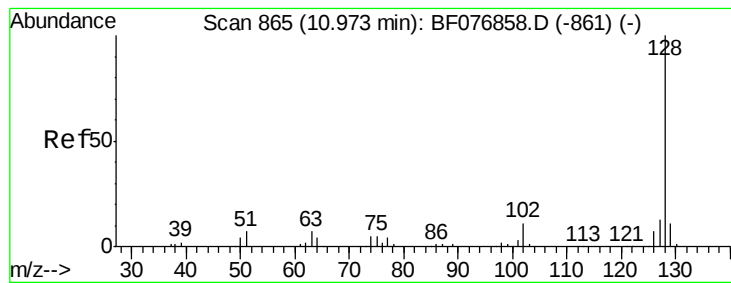
Tot Ion:162 Resp: 66593
 Ion Ratio Lower Upper
 162 100
 164 61.5 43.8 83.8
 98 41.2 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.16 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:180 Resp: 70882
 Ion Ratio Lower Upper
 180 100
 182 99.7 73.6 110.4
 145 36.1 26.6 39.8





#31

Naphthalene

Concen: 38.97 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

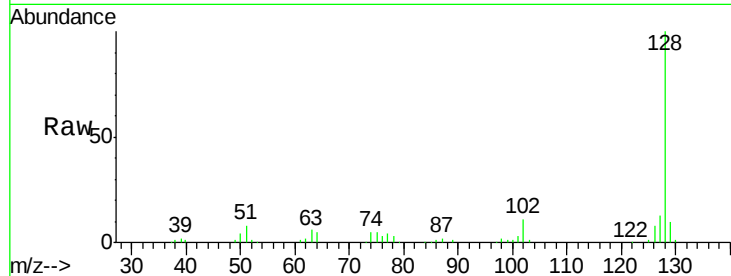
Tot Ion:128 Resp: 240536

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

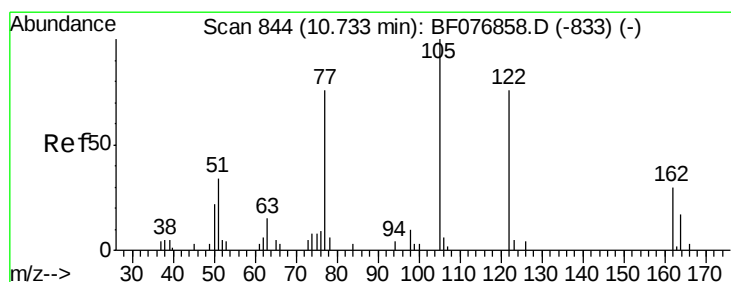
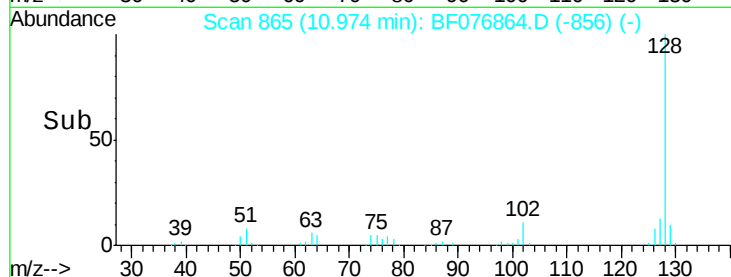
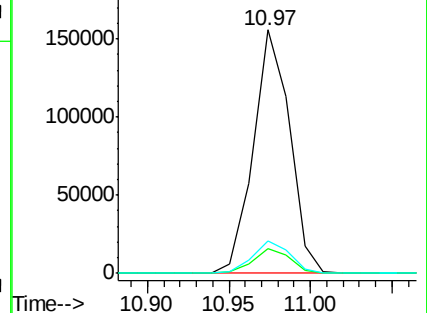
127 13.5 10.2 15.2



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: 24.55 ng

RT: 10.71 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

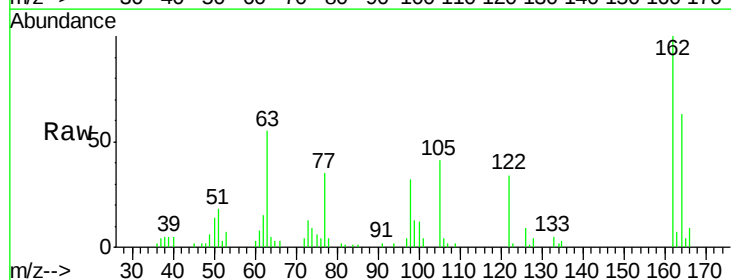
Tgt Ion:122 Resp: 23192

Ion Ratio Lower Upper

122 100

105 121.1 111.3 151.3

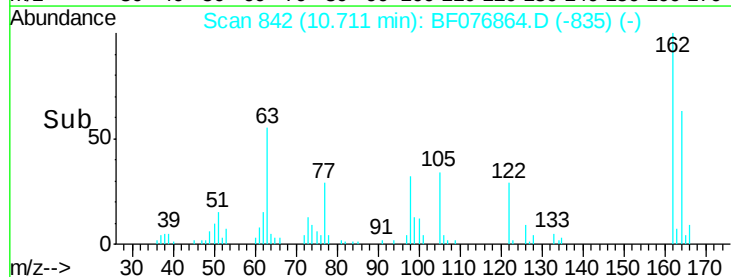
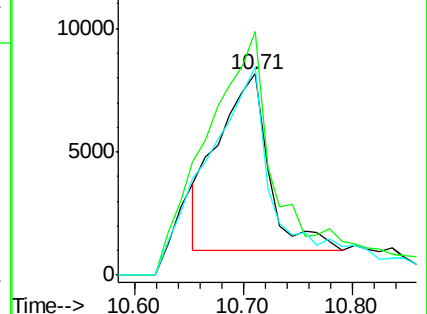
77 103.1 79.2 119.2



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

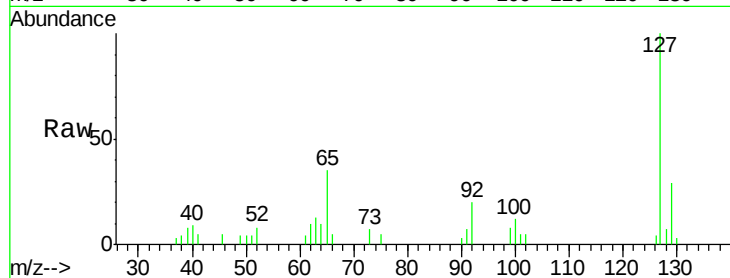




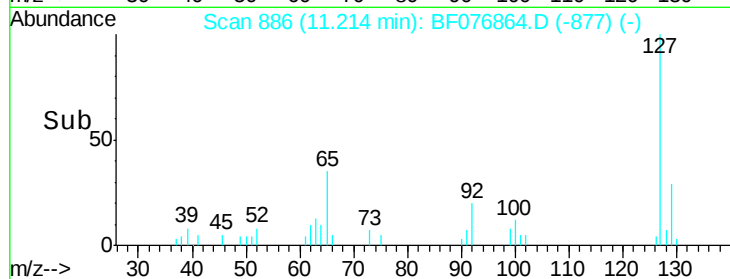
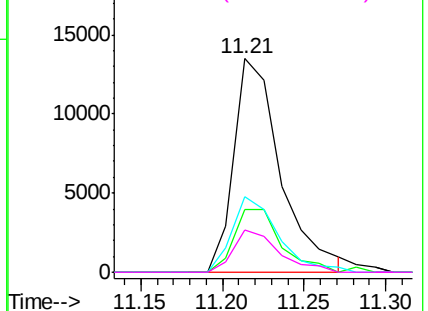
#33
4-Chloroaniline
Concen: 10.72 ng
RT: 11.21 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:127	Resp:	26747
Ion Ratio	Lower	Upper
127 100		
129 29.4	25.3	37.9
65 35.4	27.8	41.6
92 20.0	16.5	24.7

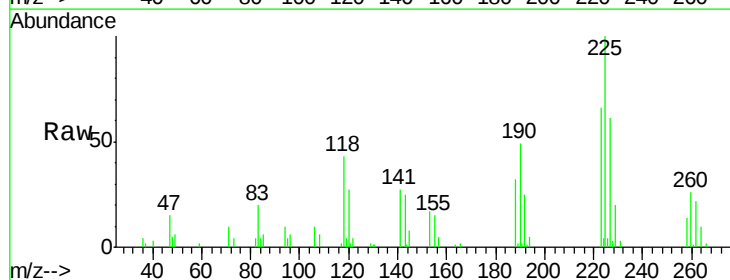


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

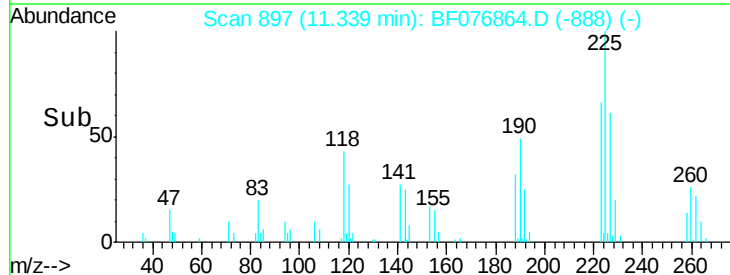
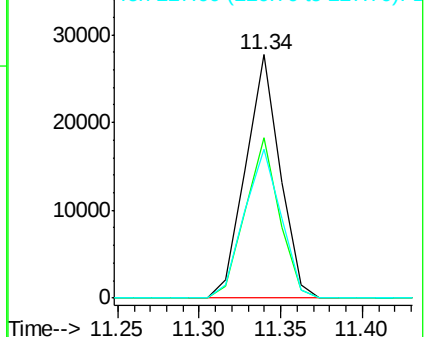


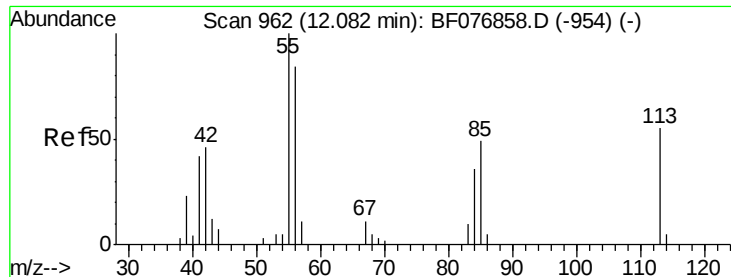
#34
Hexachlorobutadiene
Concen: 38.70 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:225	Resp:	40523	
Ion Ratio	Lower	Upper	
225 100			
223 66.1	49.1	73.7	
227 60.9	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

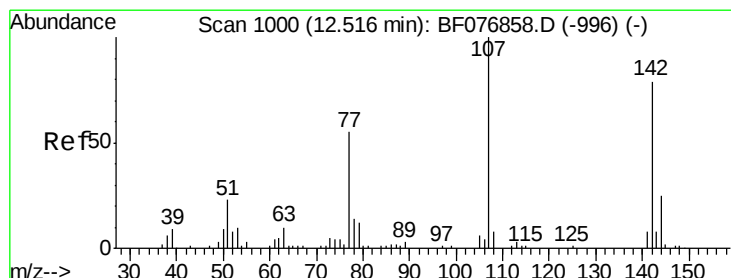
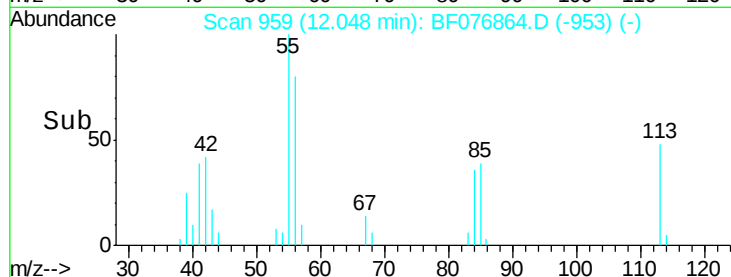
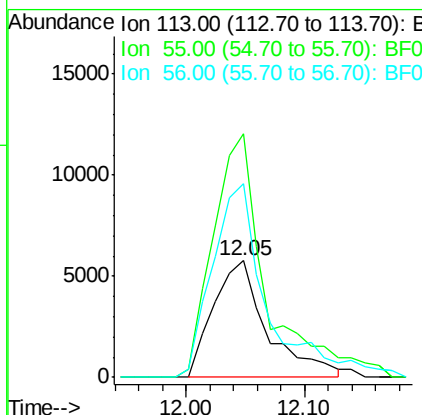
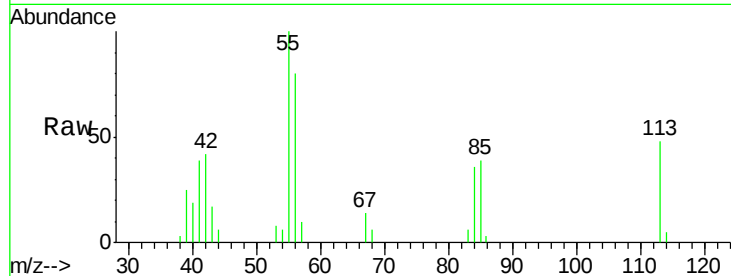




#35
 Caprolactam
 Concen: 39.09 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

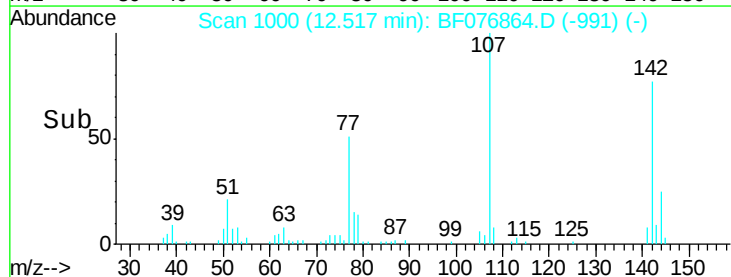
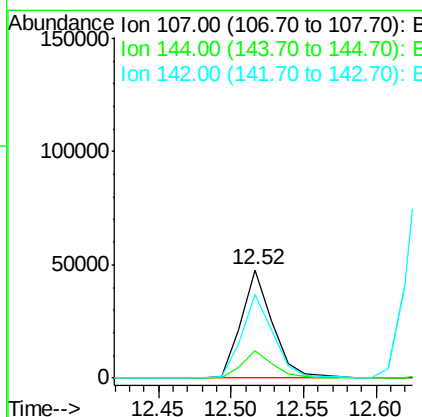
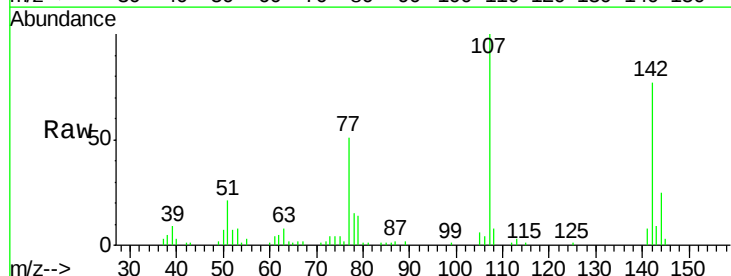
Instrument :
 BNA_F
 ClientSampleID :
 PB81310BS

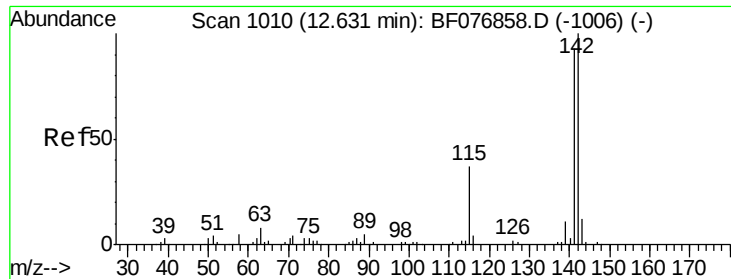
Tot Ion:113 Resp: 18288
 Ion Ratio Lower Upper
 113 100
 55 208.4 162.1 202.1#
 56 165.9 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.91 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:107 Resp: 72611
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 77.3 63.5 95.3

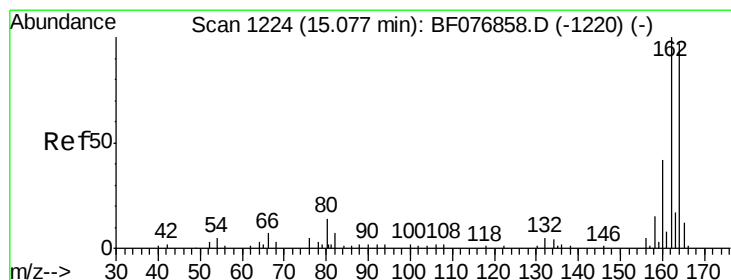
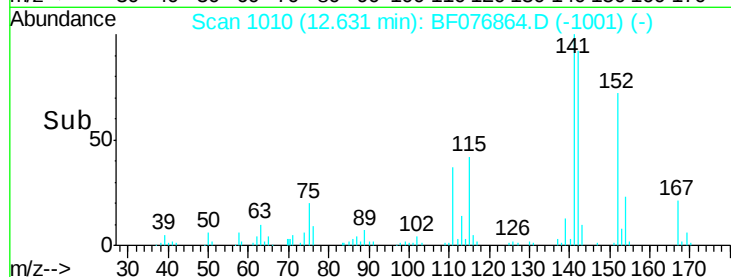
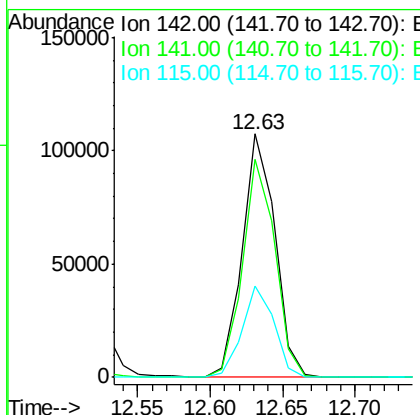
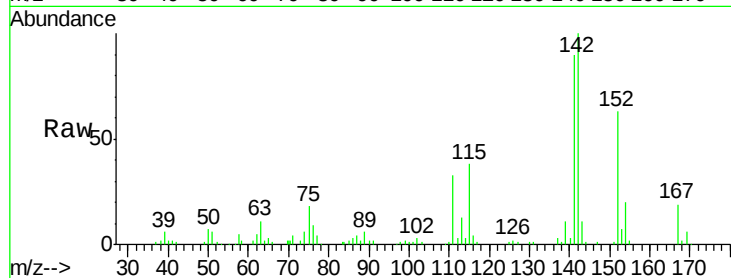




#37
2-Methylnaphthalene
Concen: 39.60 ng
RT: 12.63 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

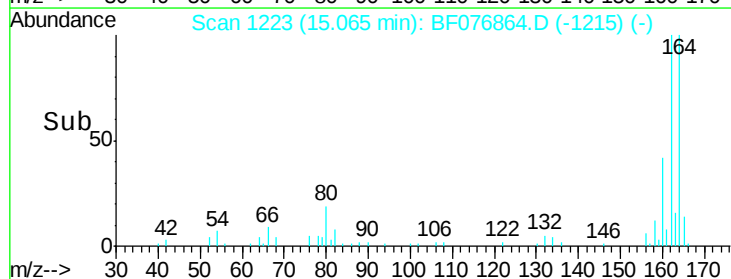
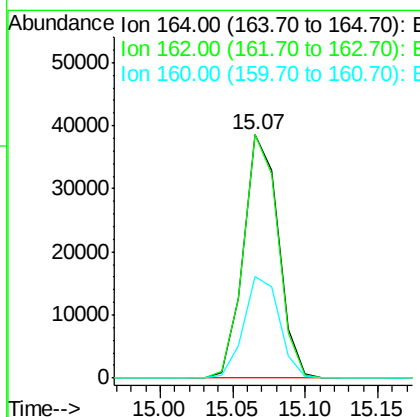
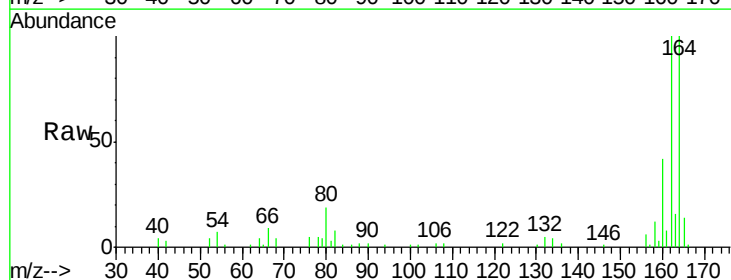
Instrument :
BNA_F
ClientSampleId :
PB81310BS

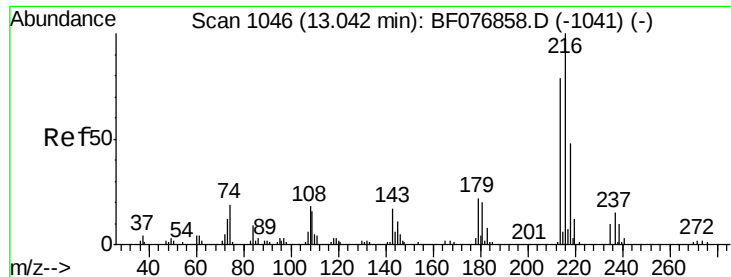
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.5	111.7
115	37.6	29.7	44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.4	123.6
160	41.7	34.8	52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.87 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

Tot Ion:216 Resp: 66327

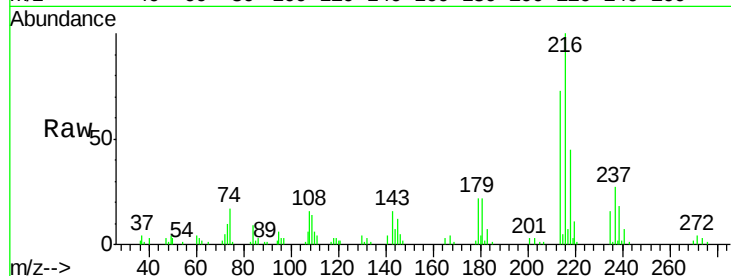
Ion Ratio Lower Upper

216 100

214 79.4 64.9 97.3

179 23.9 18.6 28.0

108 24.0 18.1 27.1

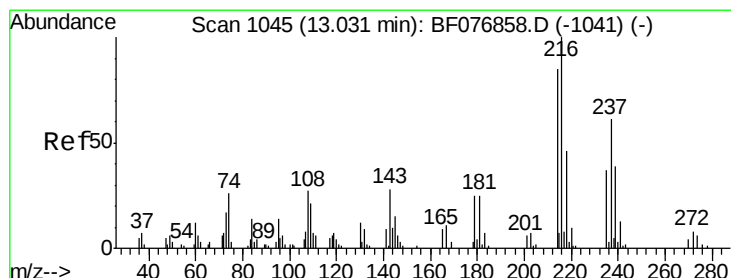
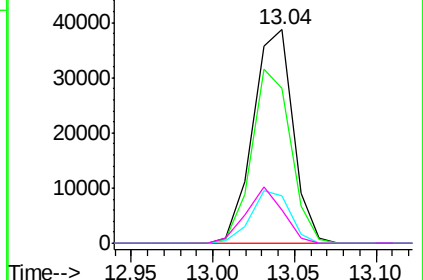
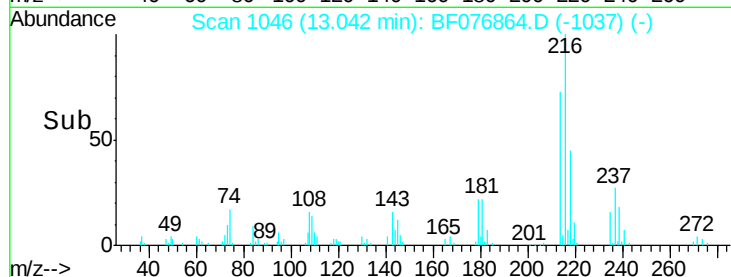


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.19 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

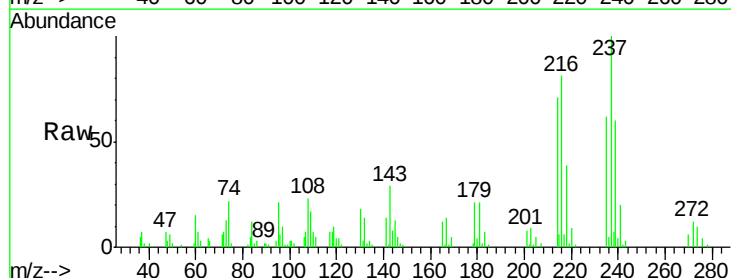
Tgt Ion:237 Resp: 70697

Ion Ratio Lower Upper

237 100

235 61.7 40.4 80.4

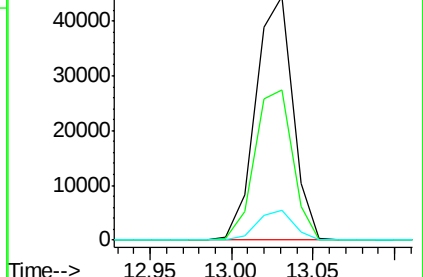
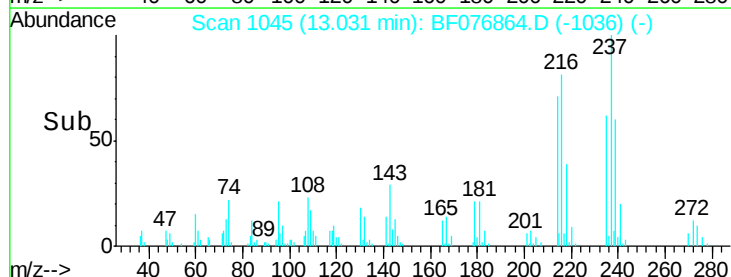
272 12.2 0.0 33.2



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

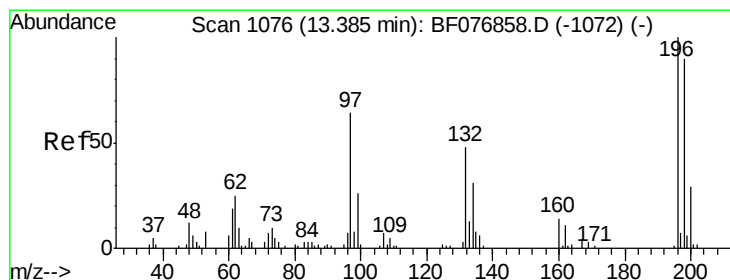
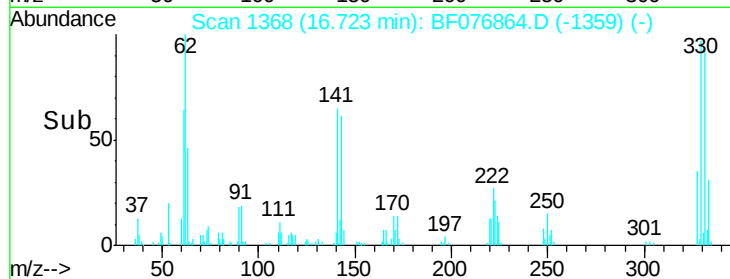
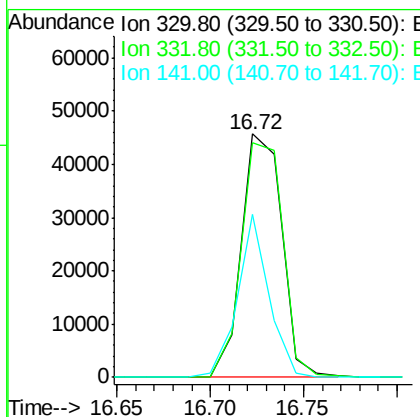
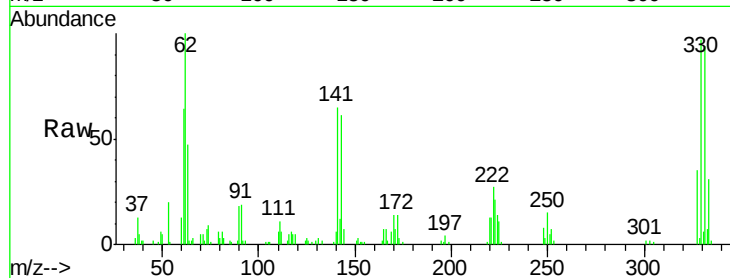




#41
 2,4,6-Tribromophenol
 Concen: 132.14 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

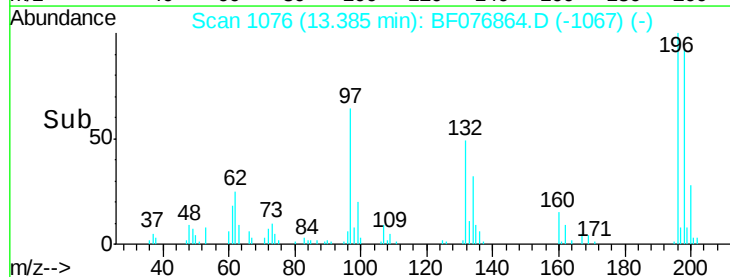
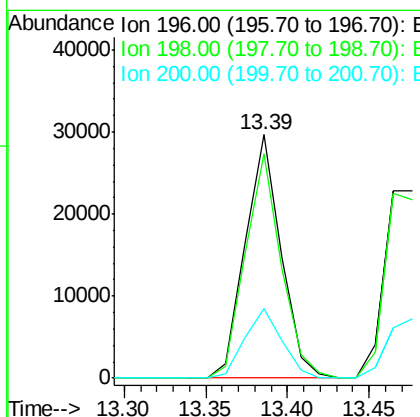
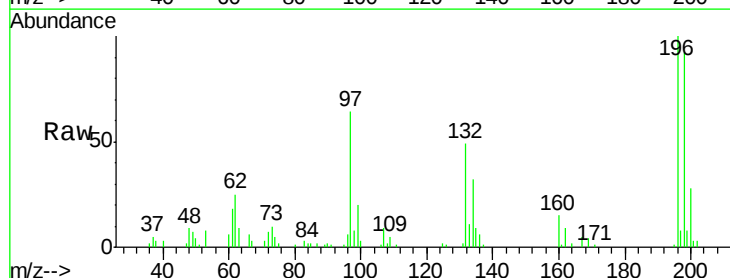
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

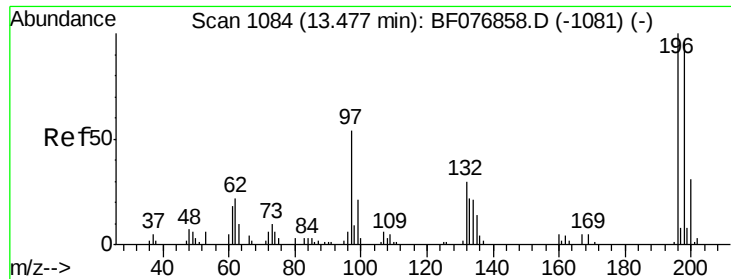
Tot Ion:330 Resp: 68728
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.8 116.6
 141 52.3 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 38.98 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:196 Resp: 44993
 Ion Ratio Lower Upper
 196 100
 198 92.2 72.0 108.0
 200 28.3 23.4 35.2

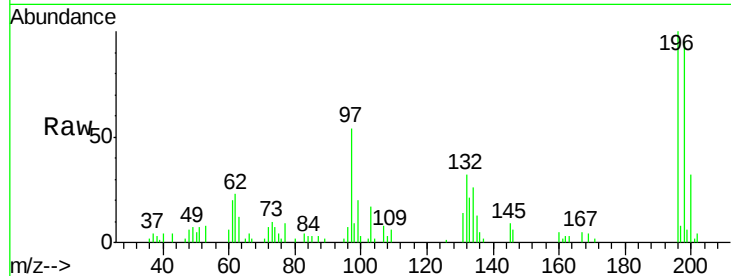




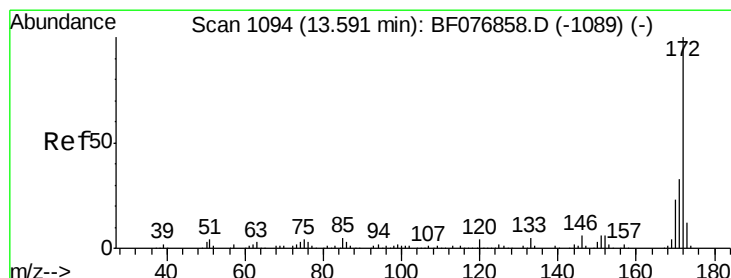
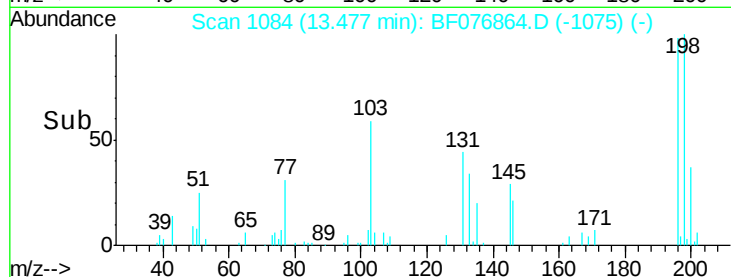
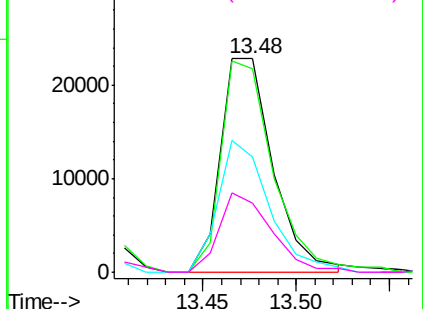
#43
2,4,5-Trichlorophenol
Concen: 38.25 ng
RT: 13.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:196 Resp: 45028
Ion Ratio Lower Upper
196 100
198 95.1 76.6 115.0
97 54.0 43.4 65.0
132 32.3 23.7 35.5

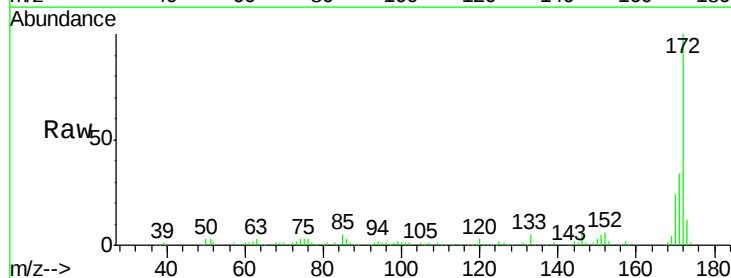


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

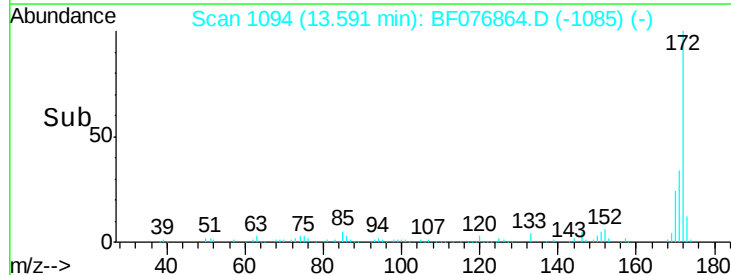
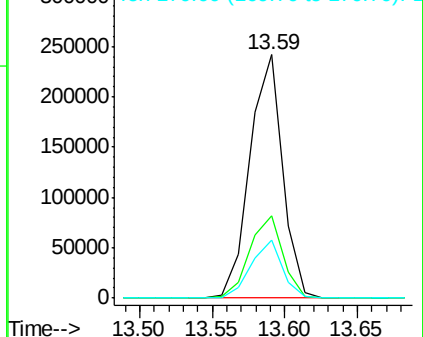


#44
2-Fluorobiphenyl
Concen: 89.75 ng
RT: 13.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:172 Resp: 377904
Ion Ratio Lower Upper
172 100
171 33.9 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

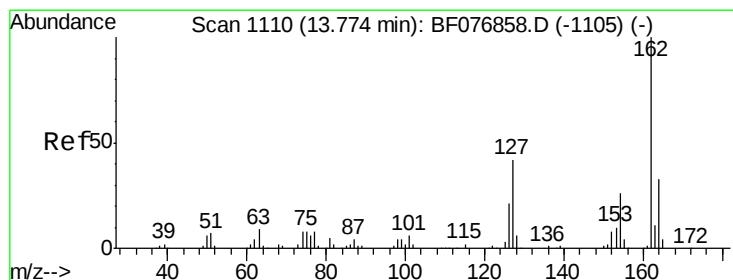
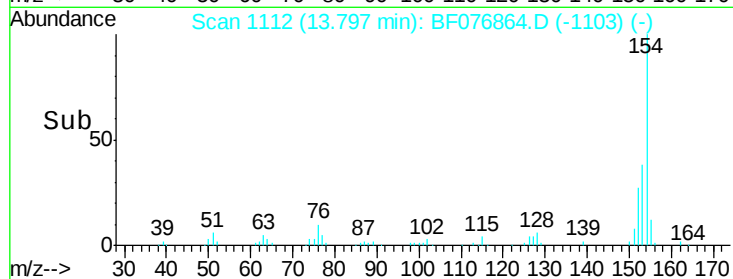
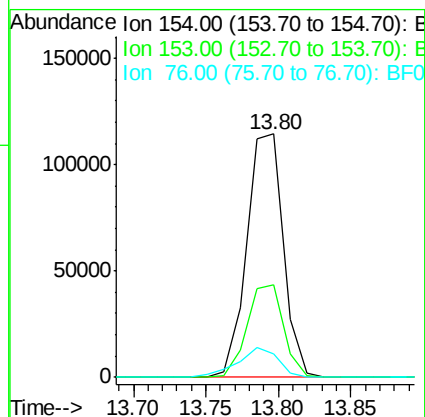
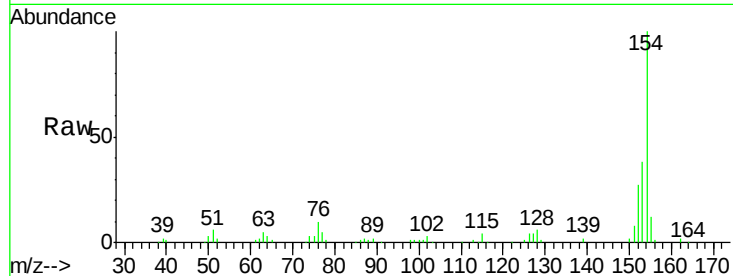




#45
 1,1'-Biphenyl
 Concen: 42.07 ng
 RT: 13.80 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

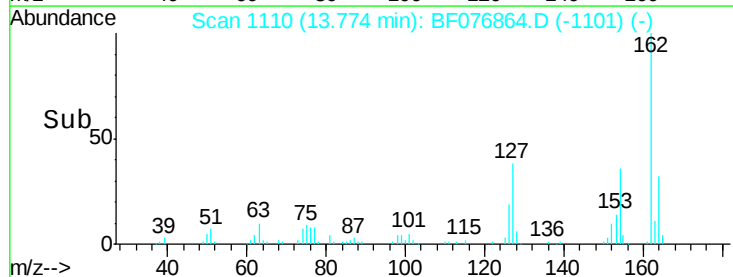
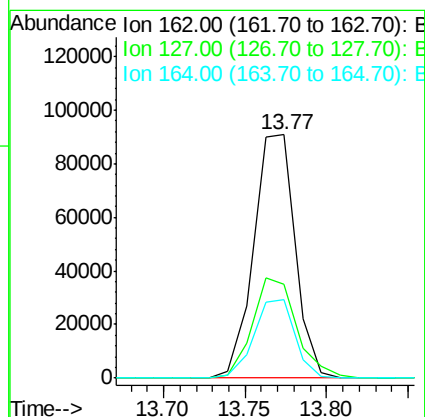
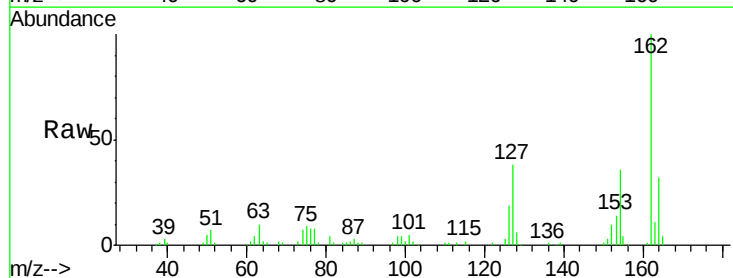
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

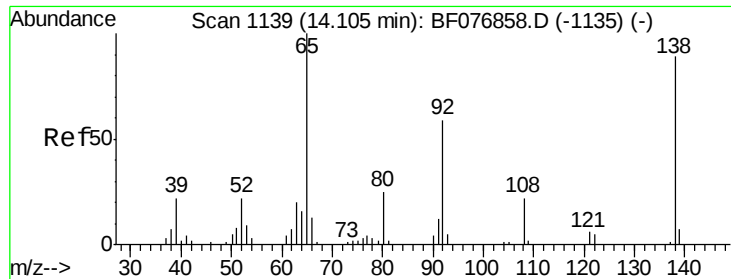
Tot Ion:154 Resp: 199850
 Ion Ratio Lower Upper
 154 100
 153 37.8 20.2 60.2
 76 9.7 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 41.14 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:162 Resp: 160834
 Ion Ratio Lower Upper
 162 100
 127 38.5 33.8 50.6
 164 32.4 26.8 40.2

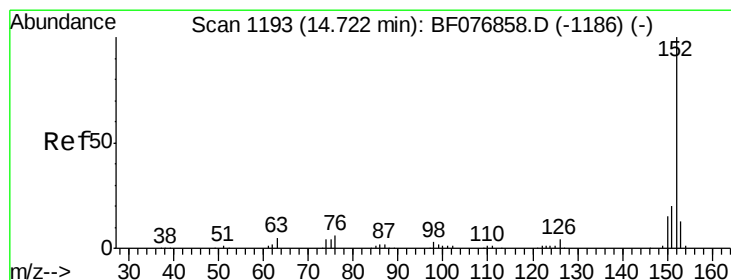
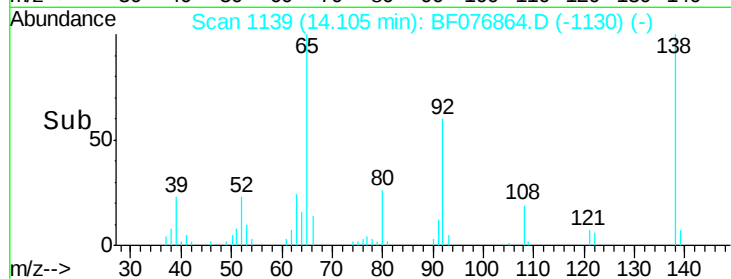
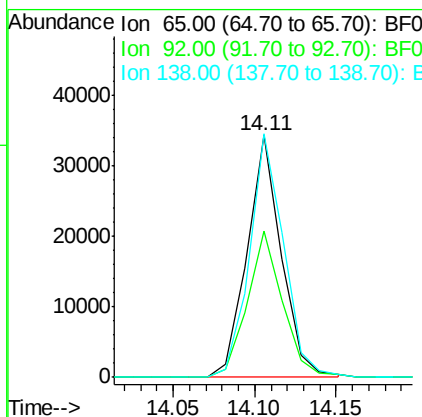
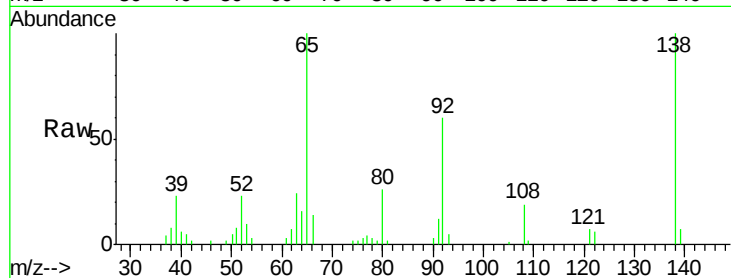




#47
2-Nitroaniline
Concen: 42.15 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

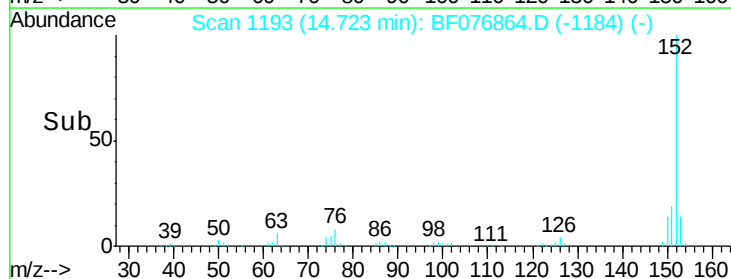
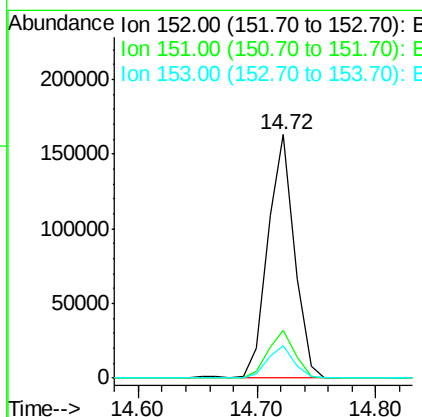
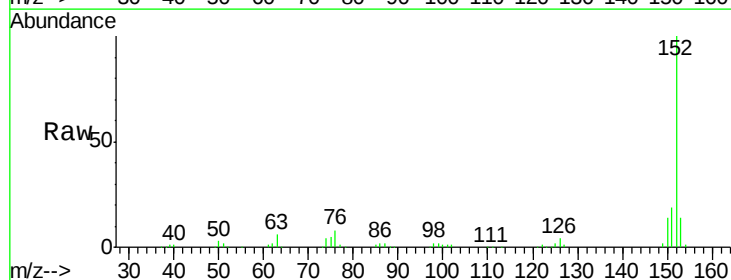
Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion: 65 Resp: 49985
Ion Ratio Lower Upper
65 100
92 60.3 47.3 70.9
138 100.5 71.4 107.2



#48
Acenaphthylene
Concen: 38.58 ng
RT: 14.72 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion: 152 Resp: 254355
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 40.30 ng

RT: 14.65 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

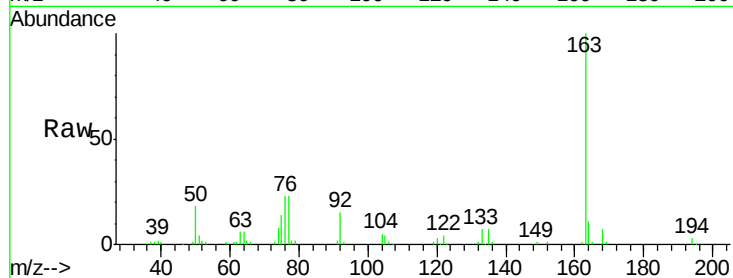
Tot Ion:163 Resp: 183151

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

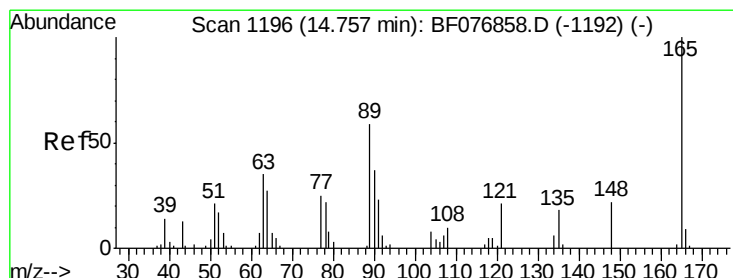
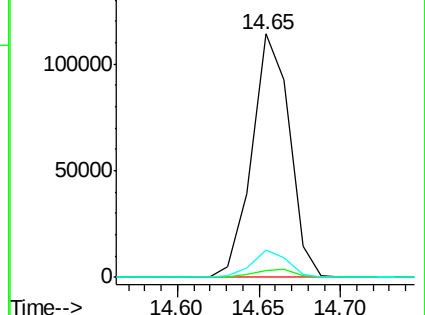
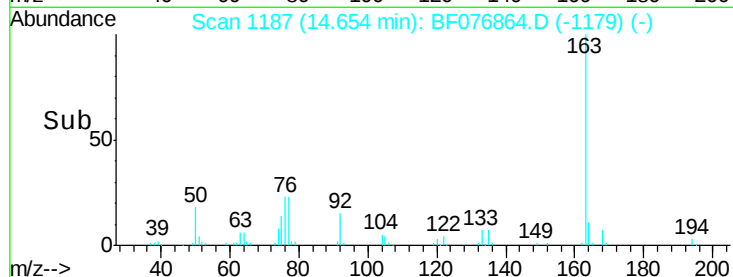
164 11.1 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.13 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

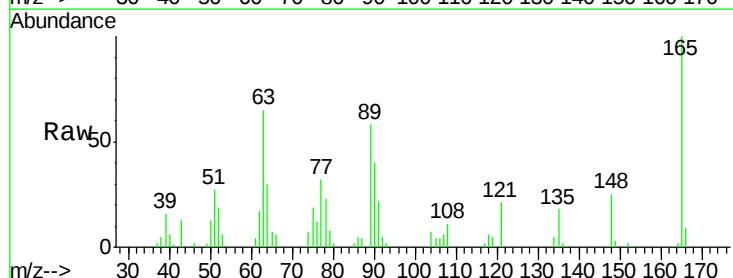
Tgt Ion:165 Resp: 38251

Ion Ratio Lower Upper

165 100

63 64.6 48.1 72.1

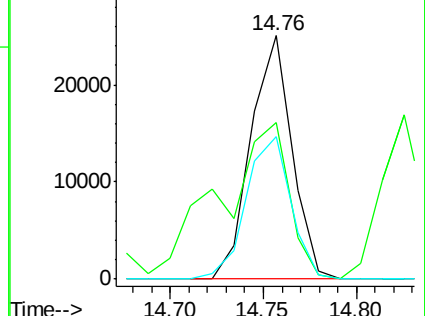
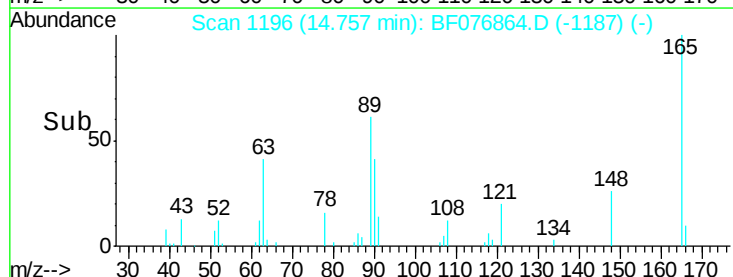
89 58.5 47.2 70.8

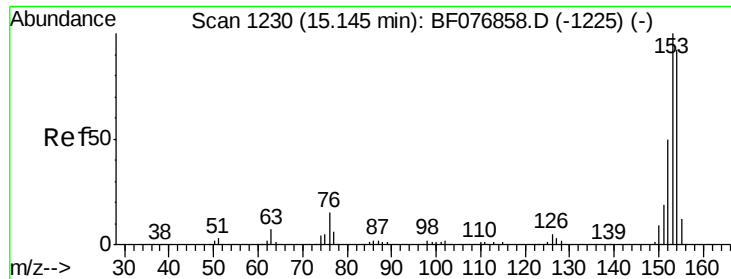


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.46 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

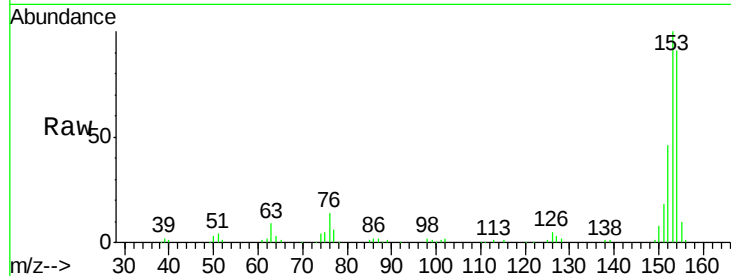
Tot Ion:154 Resp: 143868

Ion Ratio Lower Upper

154 100

153 109.4 87.0 130.6

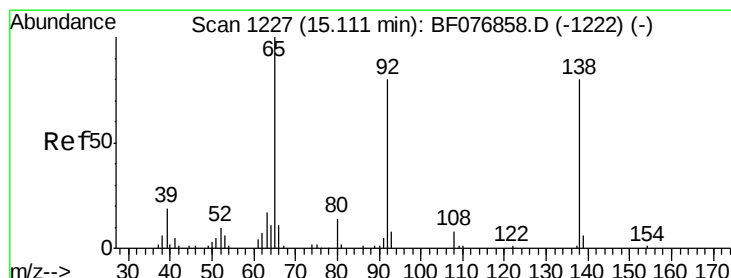
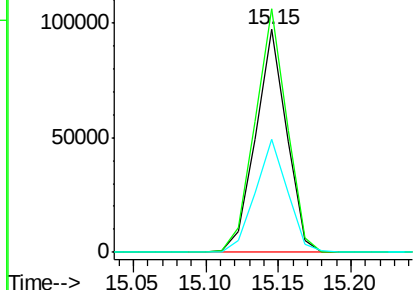
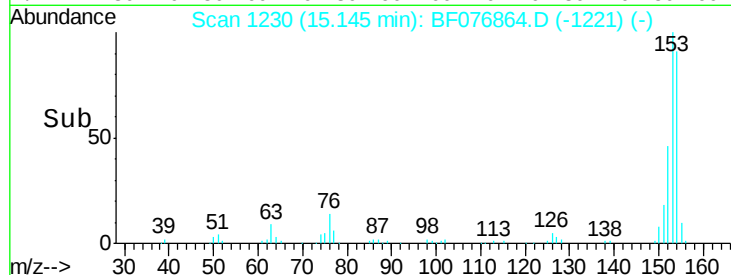
152 50.8 43.5 65.3



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: 15.17 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

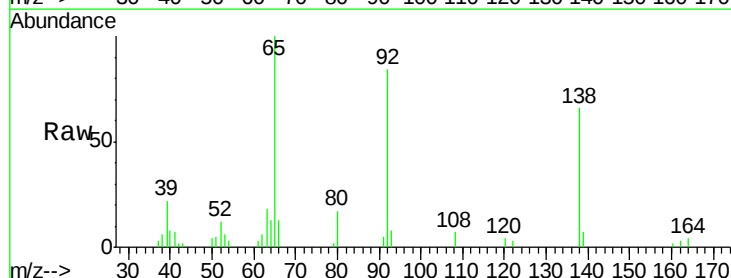
Tgt Ion:138 Resp: 18082

Ion Ratio Lower Upper

138 100

108 10.5 8.3 12.5

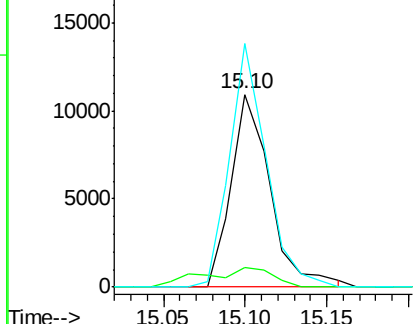
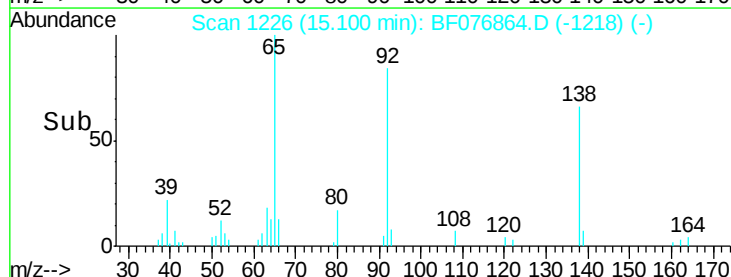
92 126.5 80.9 121.3#

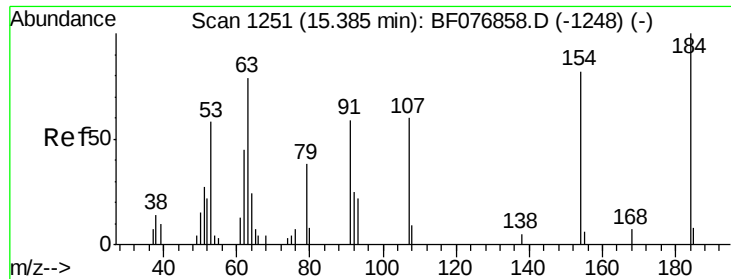


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

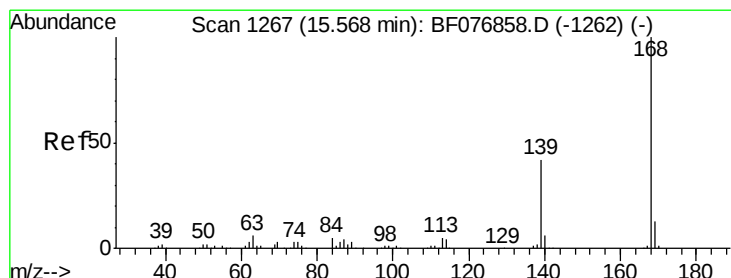
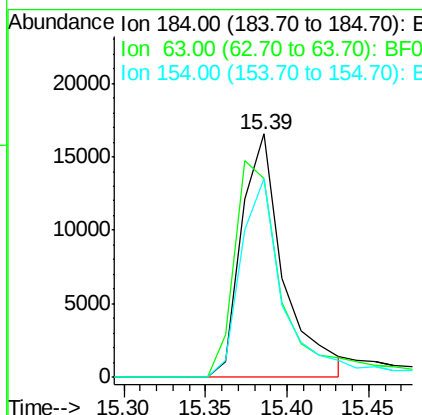
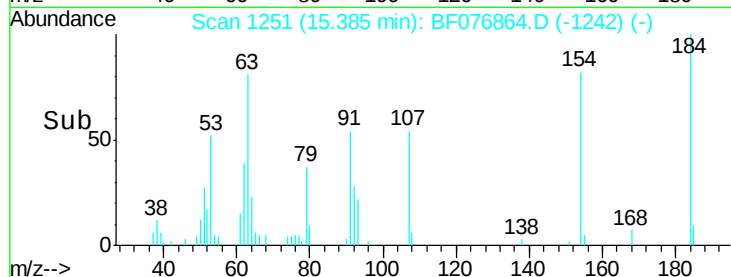
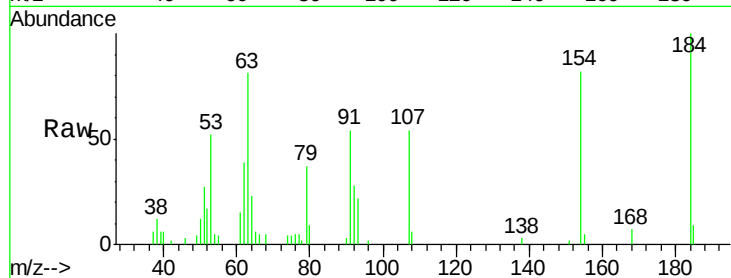




#53
 2,4-Dinitrophenol
 Concen: 75.25 ng
 RT: 15.39 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

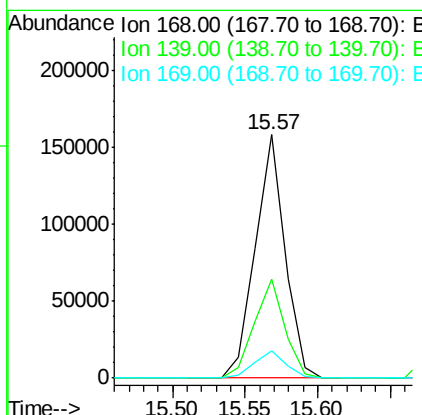
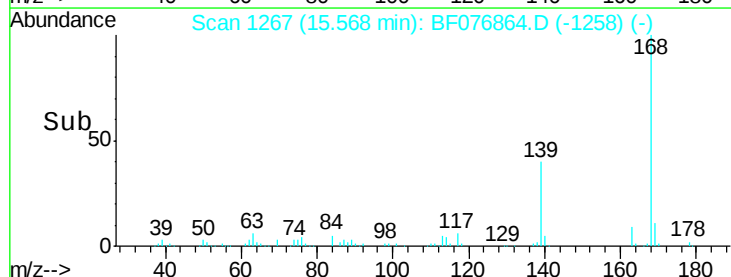
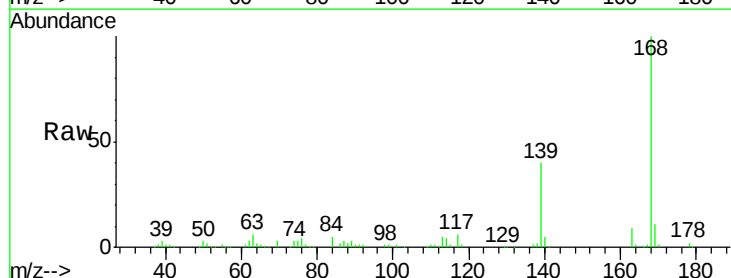
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

Tot Ion:	184	Resp:	29685
Ion Ratio	Lower	Upper	
184	100		
63	81.5	63.0	94.6
154	81.7	65.5	98.3



#54
 Dibenzofuran
 Concen: 41.22 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:	168	Resp:	224643
Ion Ratio	Lower	Upper	
168	100		
139	40.5	33.4	50.2
169	11.4	10.6	15.8

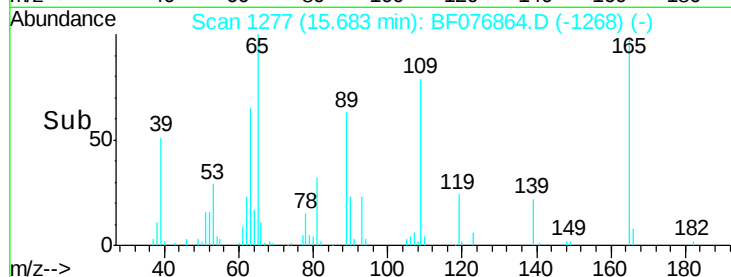
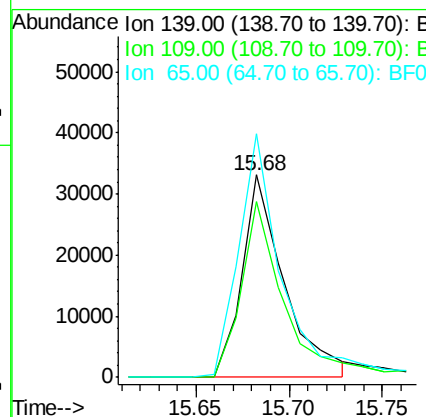
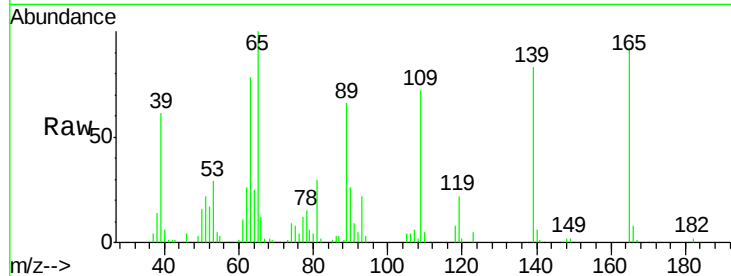




#55
4-Nitrophenol
Concen: 73.41 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

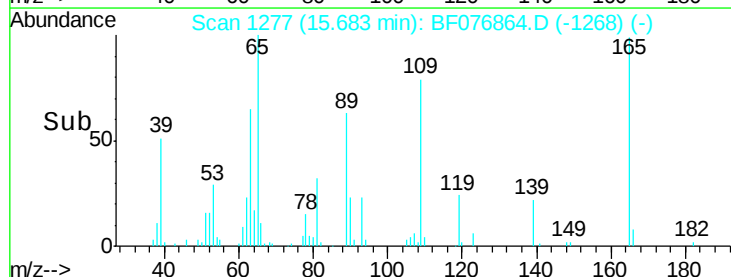
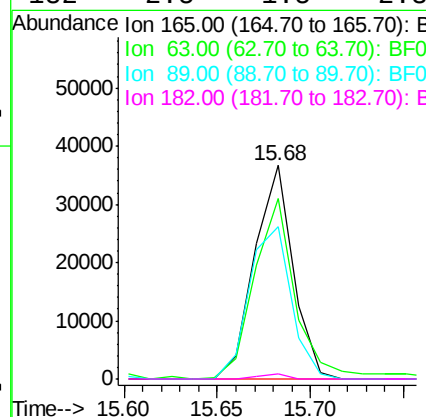
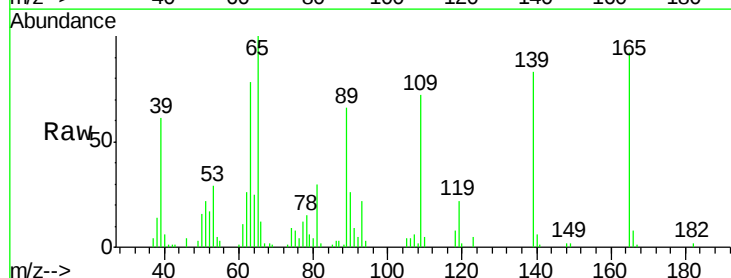
Instrument :
BNA_F
ClientSampleId :
PB81310BS

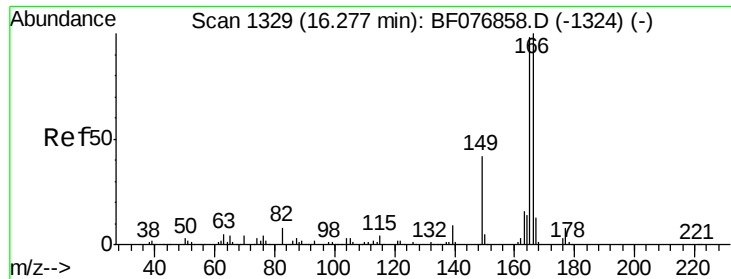
Tot Ion:139 Resp: 52294
Ion Ratio Lower Upper
139 100
109 87.2 61.0 101.0
65 120.5 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 38.82 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:165 Resp: 53161
Ion Ratio Lower Upper
165 100
63 84.3 44.8 67.2#
89 71.3 56.2 84.2
182 2.5 1.5 2.3#

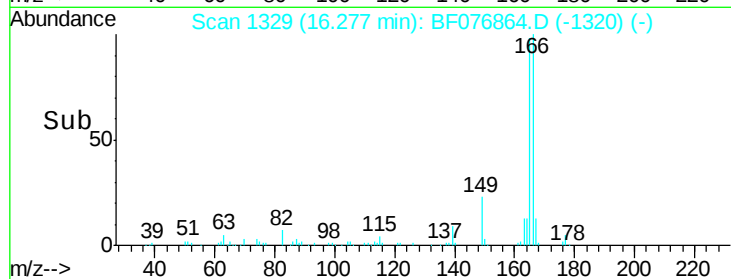
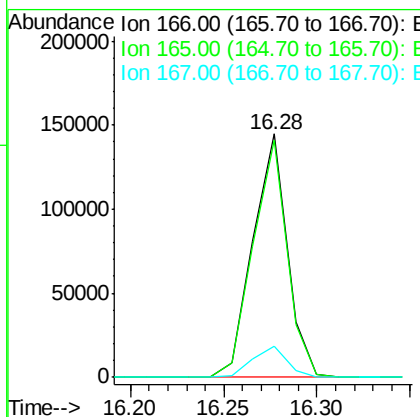
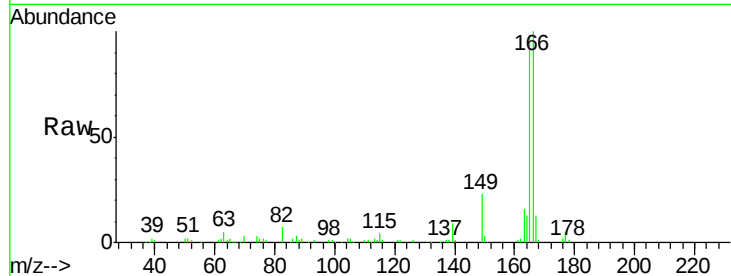




#57
 Fluorene
 Concen: 40.00 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

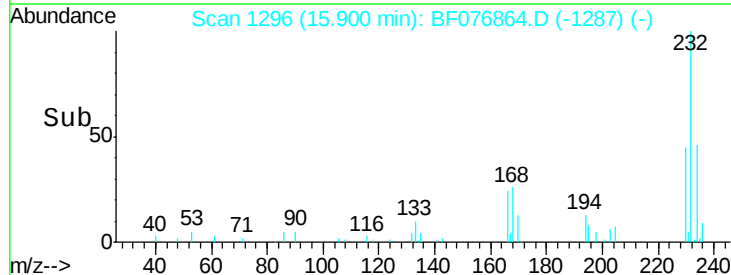
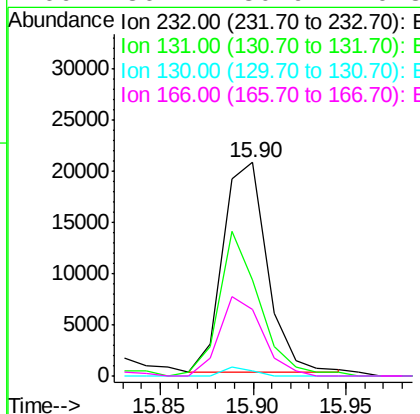
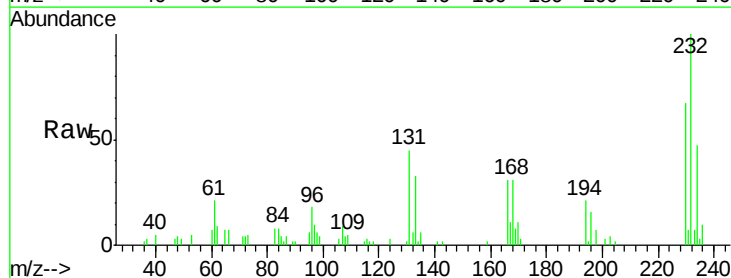
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

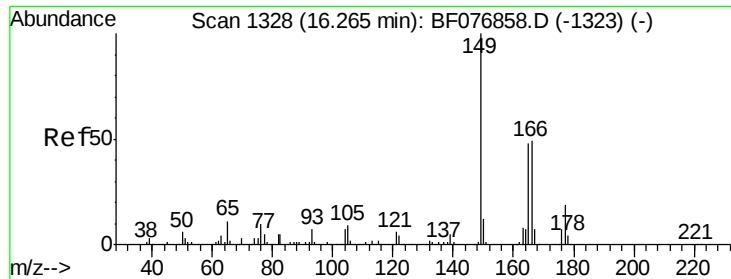
Tot Ion:166 Resp: 184693
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.5 117.7
 167 12.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.82 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:232 Resp: 34130
 Ion Ratio Lower Upper
 232 100
 131 63.1 45.0 67.6
 130 2.6 2.6 3.8
 166 36.7 30.9 46.3

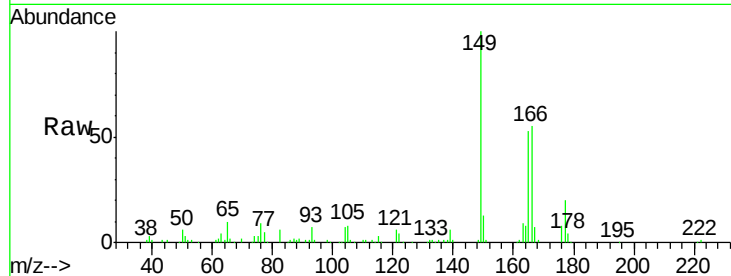




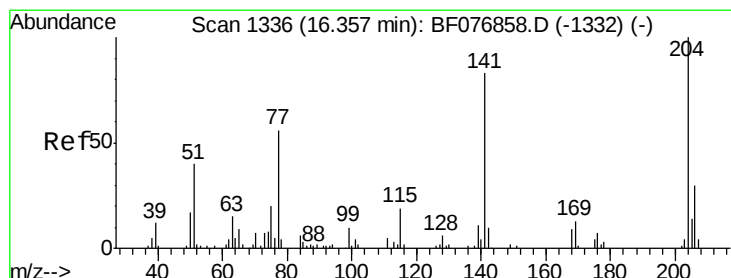
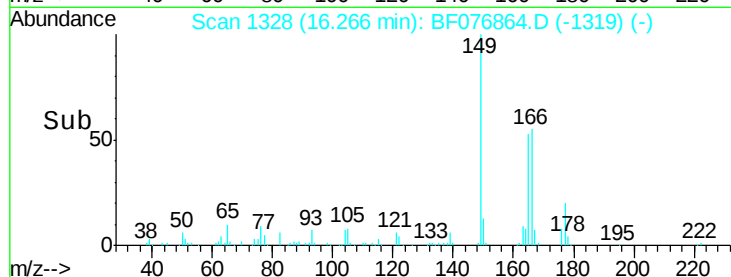
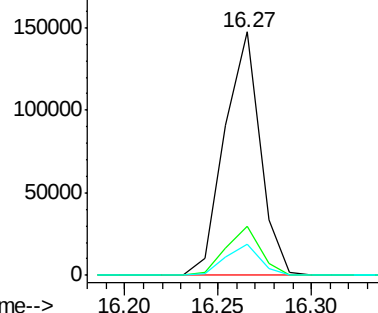
#59
Diethylphthalate
Concen: 42.31 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:149 Resp: 194337
Ion Ratio Lower Upper
149 100
177 20.0 15.0 22.6
150 12.5 9.4 14.0

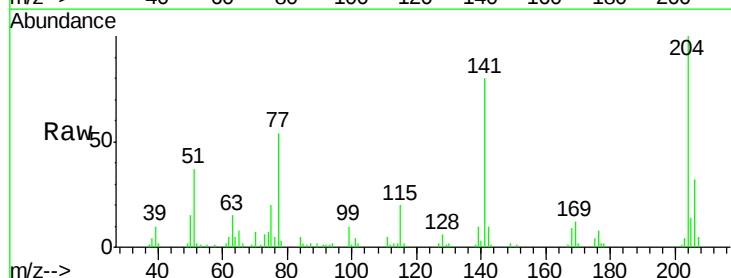


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

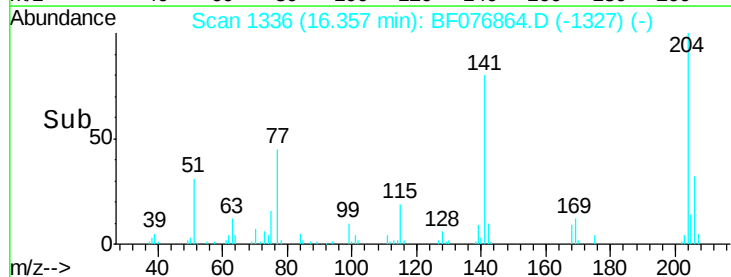
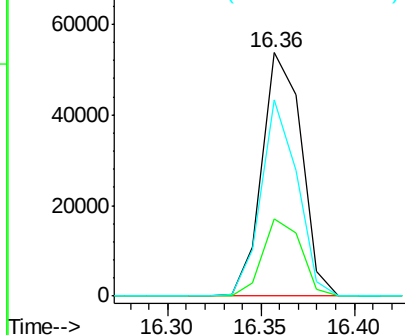


#60
4-Chlorophenyl-phenylether
Concen: 41.56 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:204 Resp: 78512
Ion Ratio Lower Upper
204 100
206 31.8 24.2 36.2
141 80.4 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

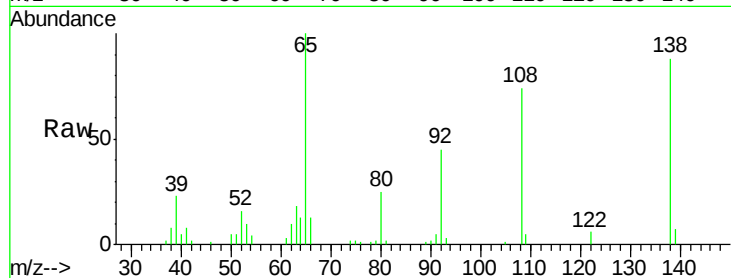




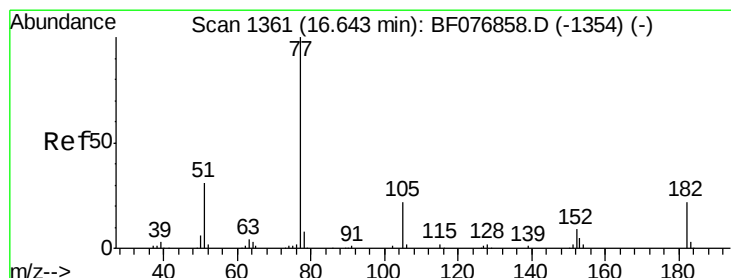
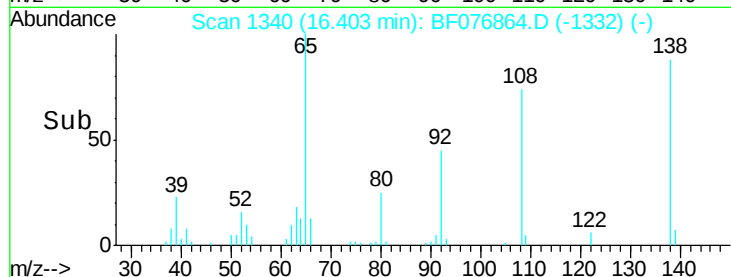
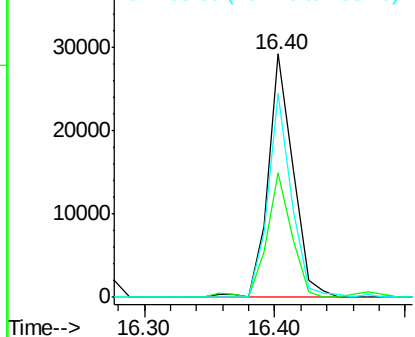
#61
4-Nitroaniline
Concen: 33.74 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:138 Resp: 38775
Ion Ratio Lower Upper
138 100
92 51.0 26.7 66.7
108 83.8 64.5 104.5

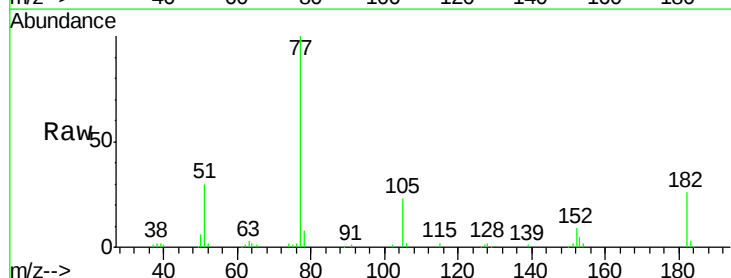


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

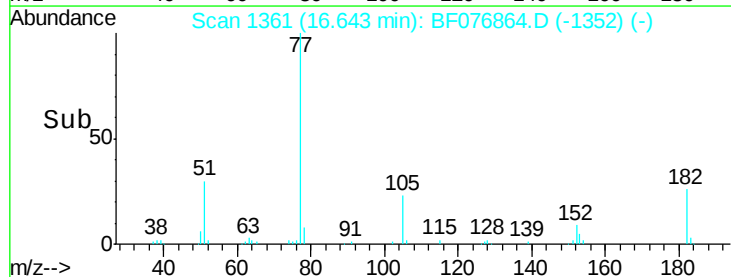
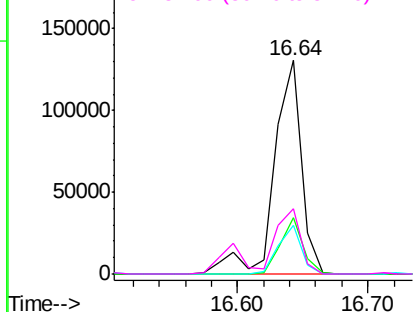


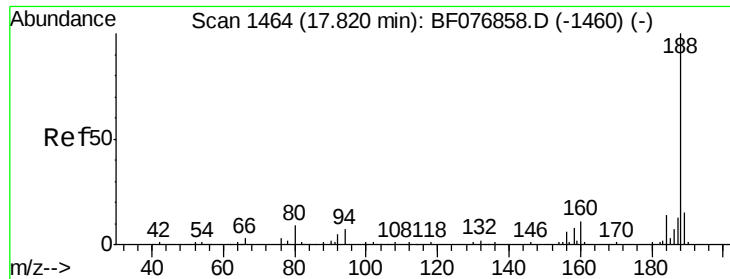
#62
Azobenzene
Concen: 40.31 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion: 77 Resp: 192902
Ion Ratio Lower Upper
77 100
182 26.1 2.0 42.0
105 22.7 2.3 42.3
51 30.3 10.7 50.7



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

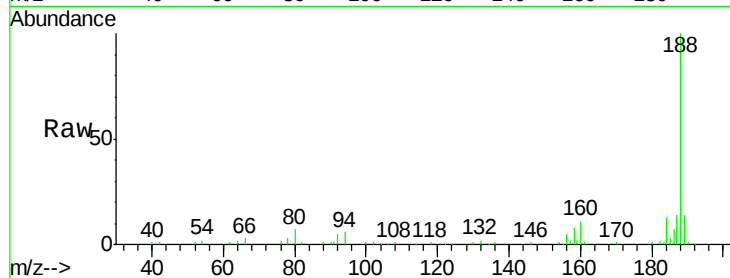




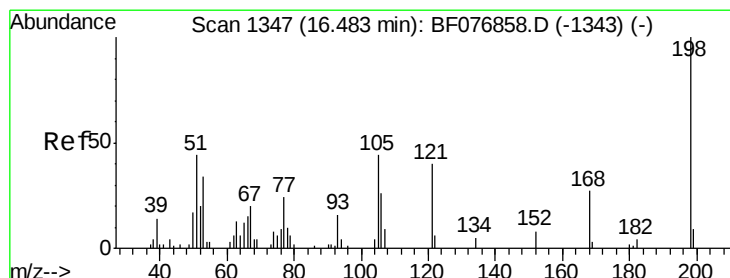
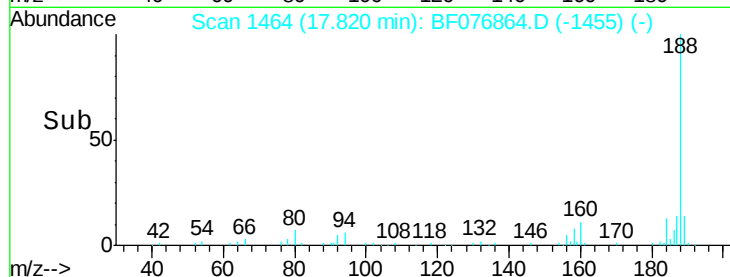
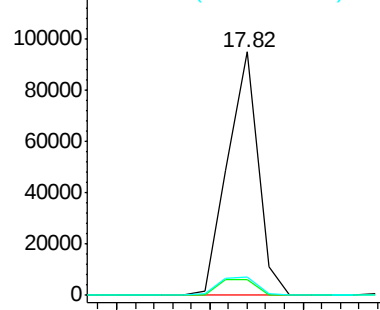
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

Tot Ion:188 Resp: 107785
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.0 9.0
 80 7.4 6.9 10.3

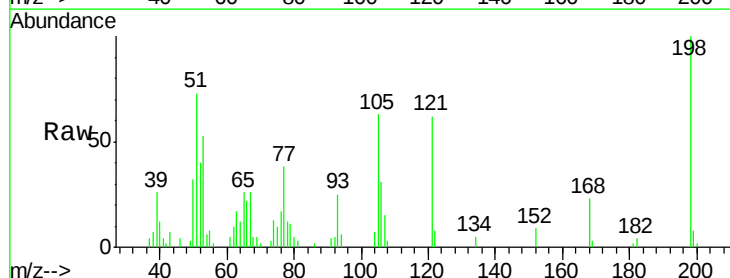


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

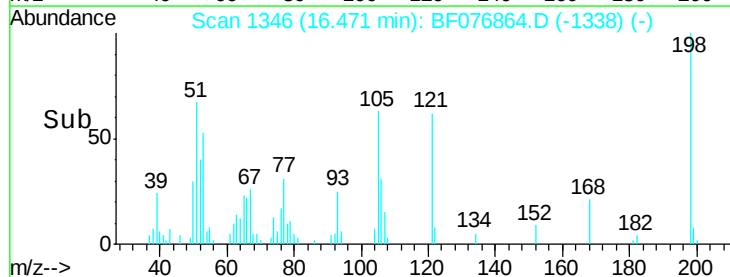
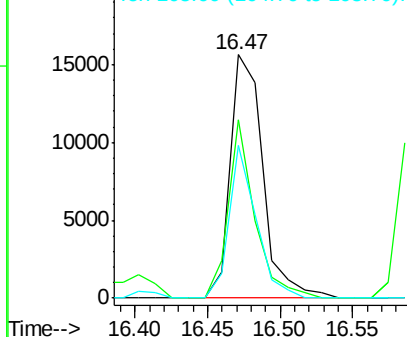


#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.96 ng
 RT: 16.47 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:198 Resp: 24456
 Ion Ratio Lower Upper
 198 100
 51 73.2 24.2 64.2#
 105 62.6 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

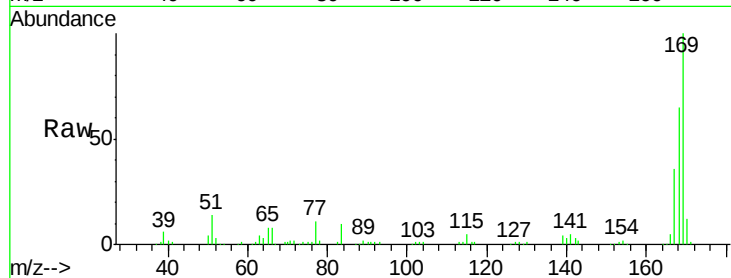




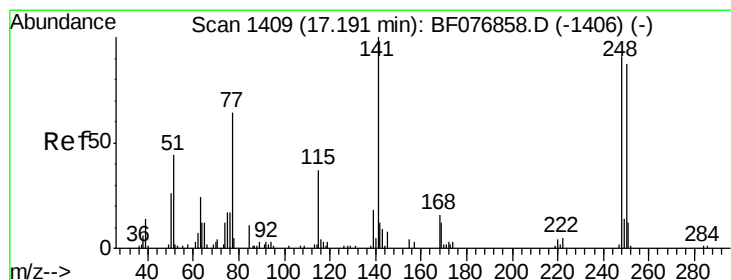
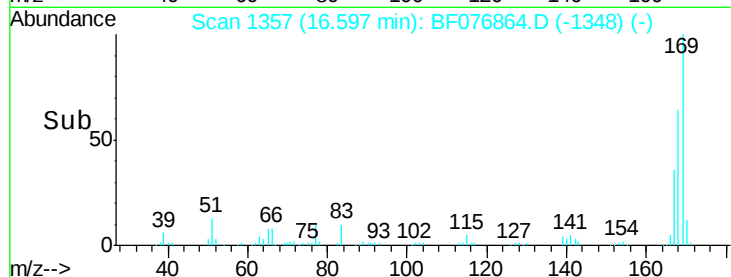
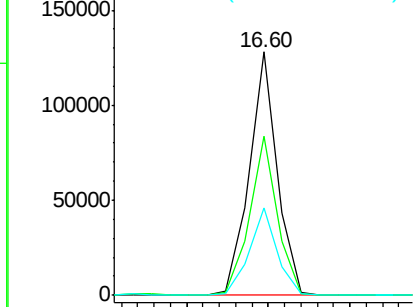
#65
n-Nitrosodiphenylamine
Concen: 39.32 ng
RT: 16.60 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:169 Resp: 151125
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.6
167 35.8 27.8 41.6

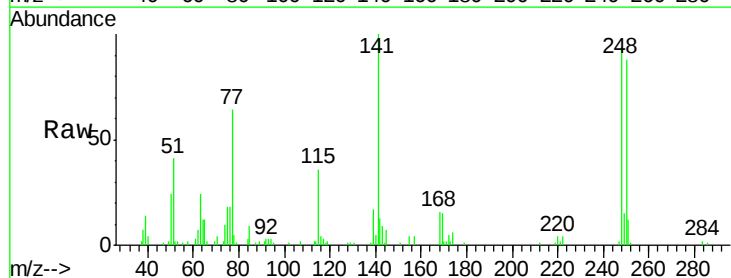


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

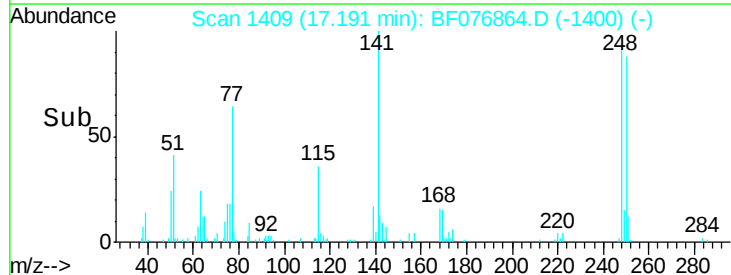
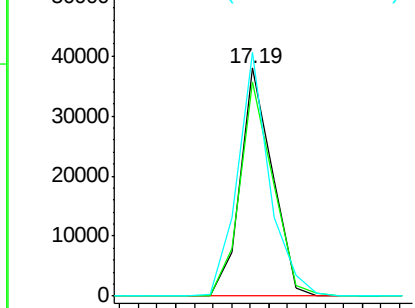


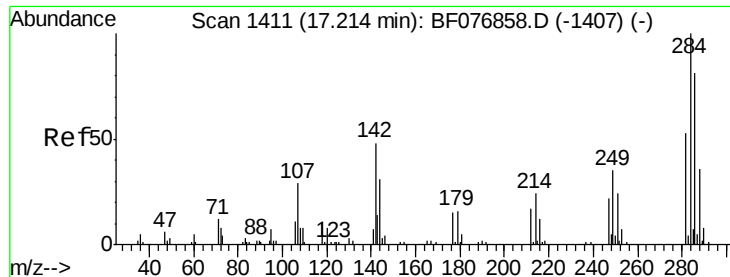
#66
4-Bromophenyl-phenylether
Concen: 41.46 ng
RT: 17.19 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:248 Resp: 45277
Ion Ratio Lower Upper
248 100
250 93.9 77.1 115.7
141 106.7 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

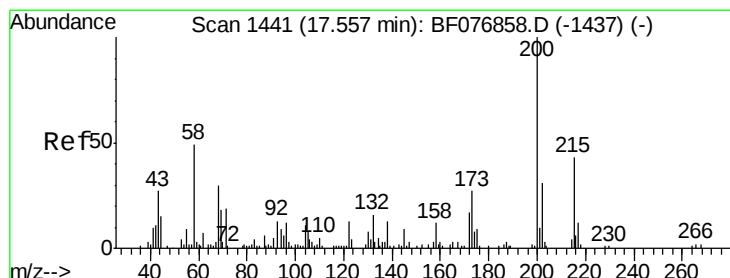
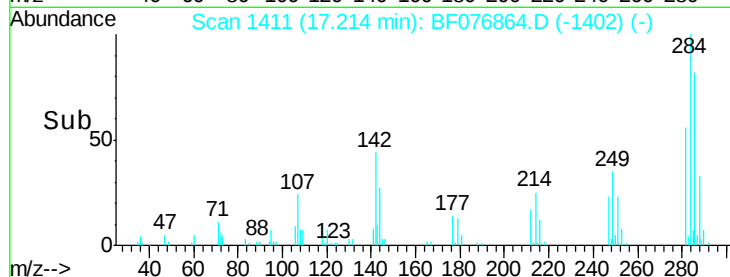
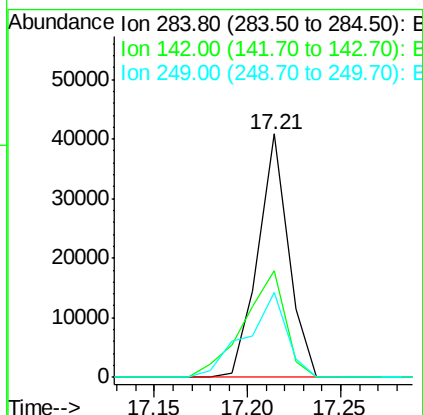
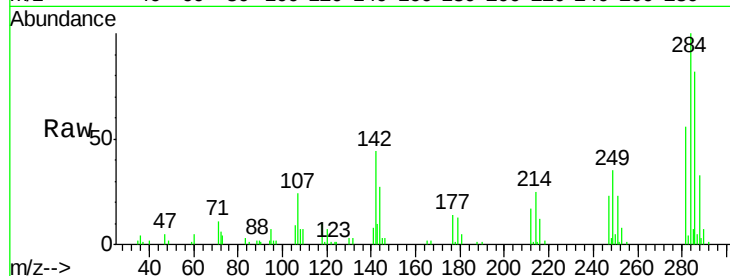




#67
Hexachlorobenzene
Concen: 40.16 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

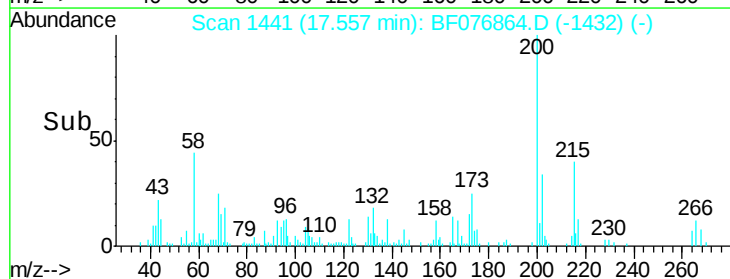
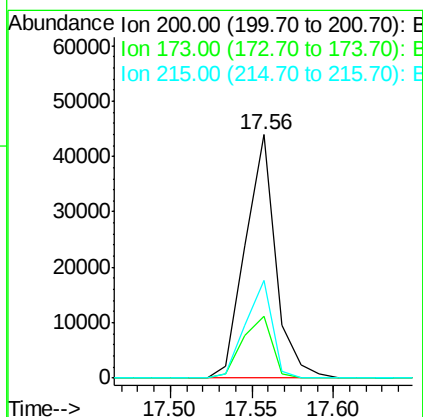
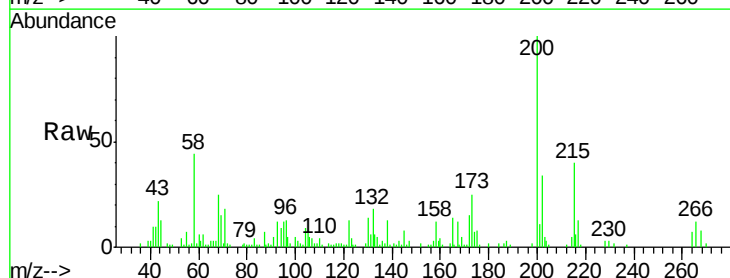
Instrument :
BNA_F
ClientSampleId :
PB81310BS

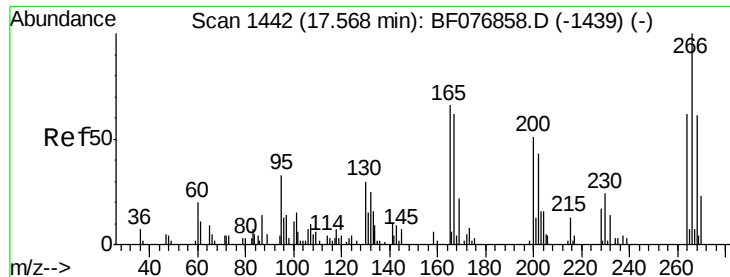
Tot Ion:284 Resp: 46212
Ion Ratio Lower Upper
284 100
142 43.6 38.2 57.4
249 34.6 28.2 42.2



#68
Atrazine
Concen: 48.60 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:200 Resp: 56685
Ion Ratio Lower Upper
200 100
173 25.2 6.6 46.6
215 40.3 22.9 62.9

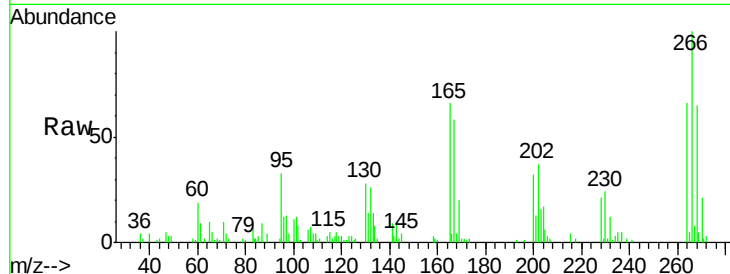




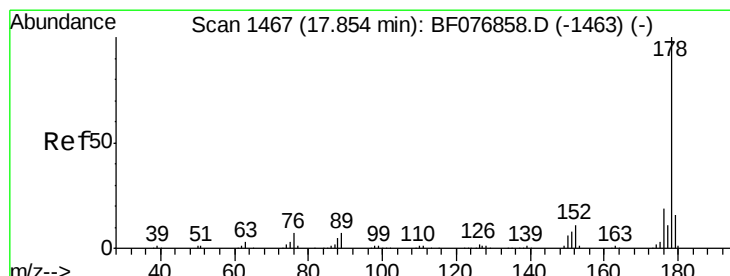
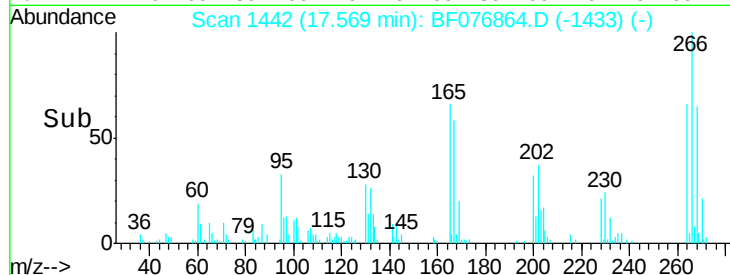
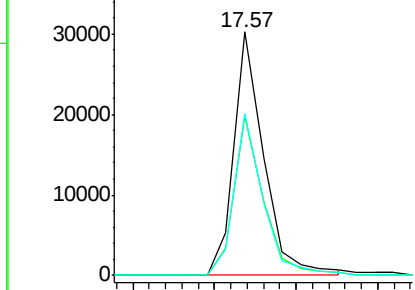
#69
 Pentachlorophenol
 Concen: 75.87 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

Tot Ion:266 Resp: 38419
 Ion Ratio Lower Upper
 266 100
 268 65.2 48.6 72.8
 264 66.5 49.5 74.3

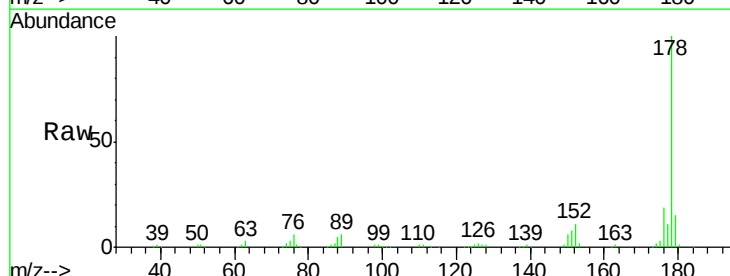


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

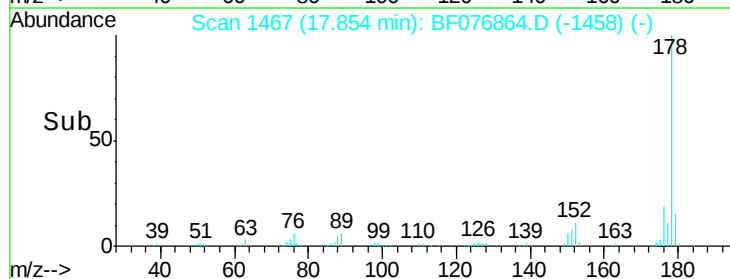
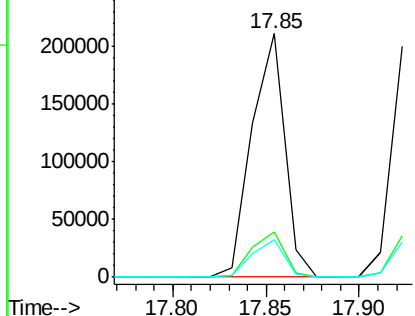


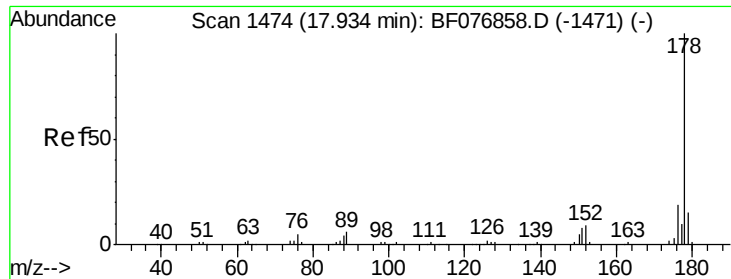
#70
 Phenanthrene
 Concen: 38.45 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:178 Resp: 258480
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.3 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

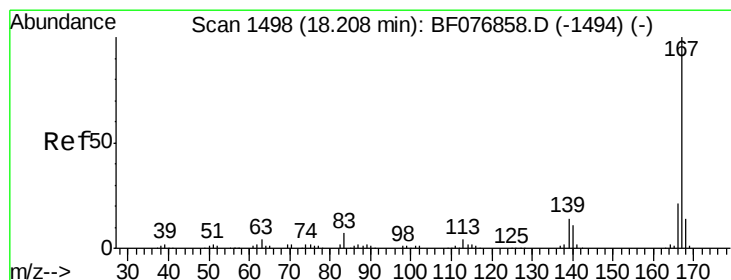
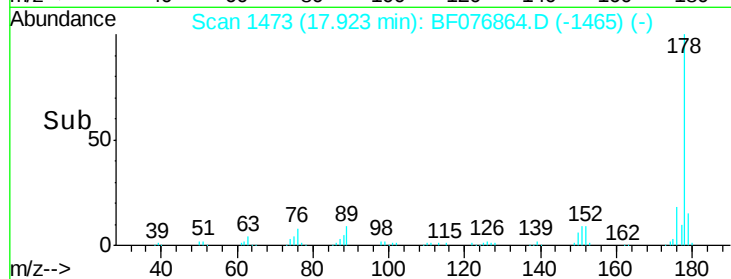
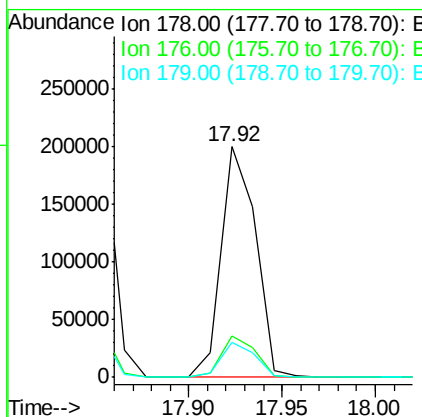
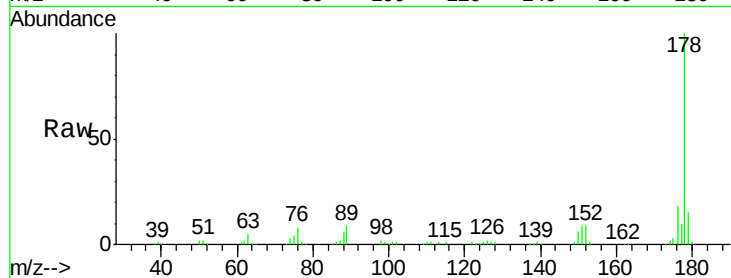




#71
 Anthracene
 Concen: 39.54 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

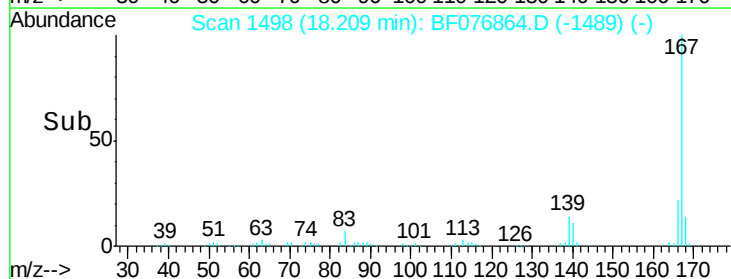
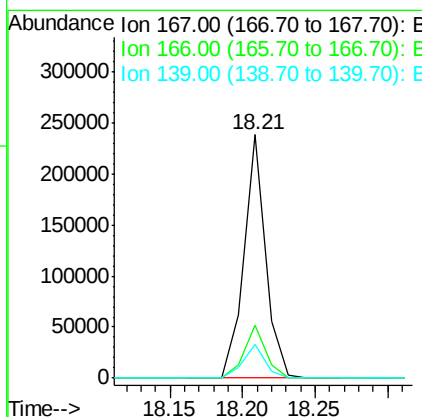
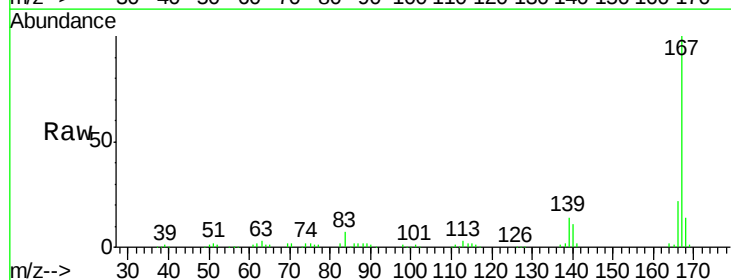
Instrument :
 BNA_F
 ClientSampleId :
 PB81310BS

Tot Ion:178 Resp: 259168
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.0
 179 15.3 11.9 17.9



#72
 Carbazole
 Concen: 38.94 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076864.D
 Acq: 14 Jan 2015 17:43

Tgt Ion:167 Resp: 247567
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 14.0 11.3 16.9





#73

Di-n-butylphthalate

Concen: 42.94 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

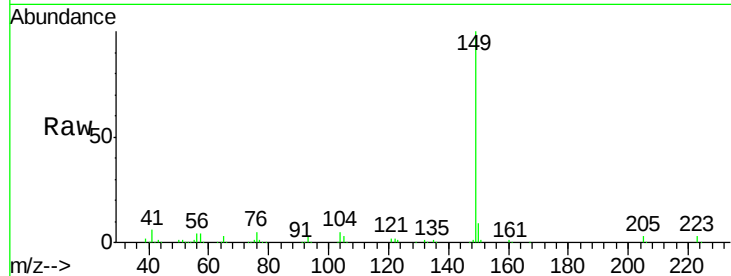
Tot Ion:149 Resp: 316026

Ion Ratio Lower Upper

149 100

150 9.2 6.9 10.3

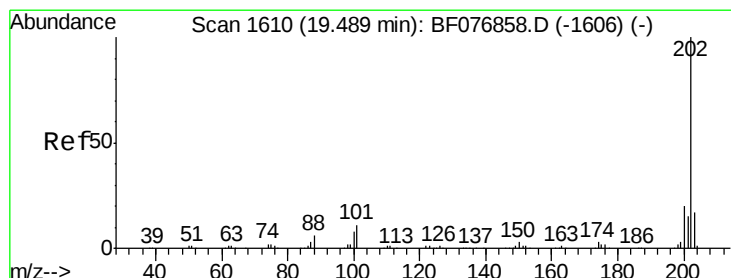
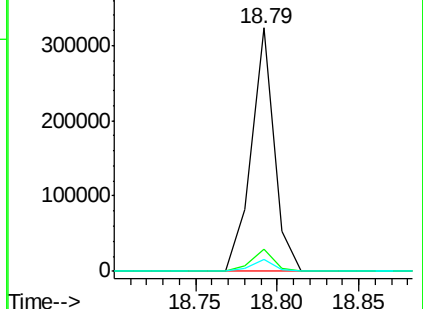
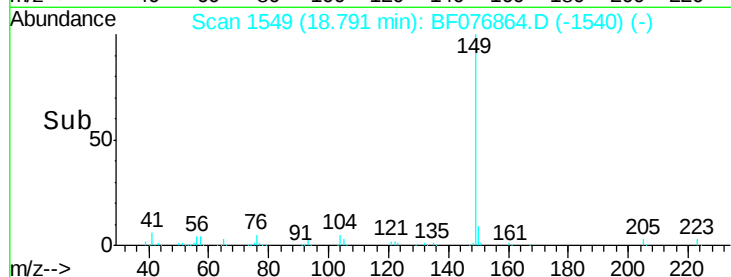
104 4.7 3.7 5.5



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: 38.29 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

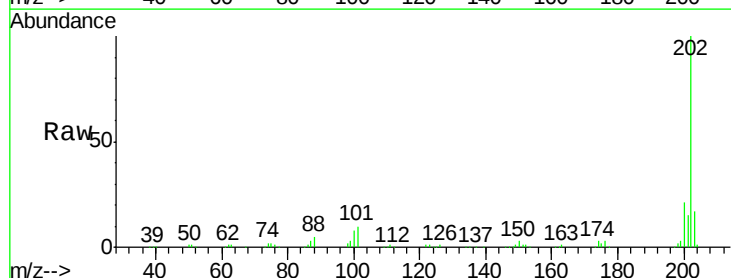
Tgt Ion:202 Resp: 263693

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.7

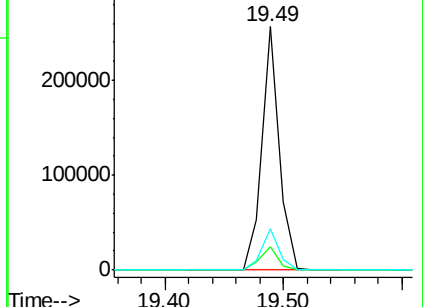
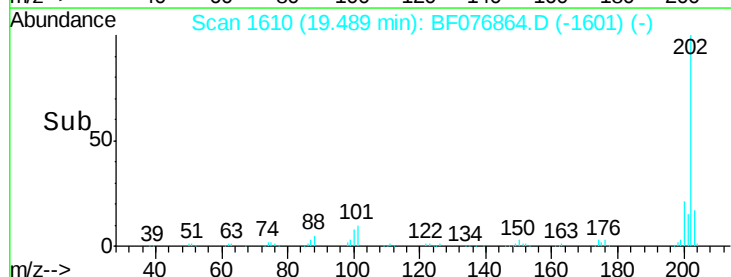
203 17.2 0.0 36.9



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: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

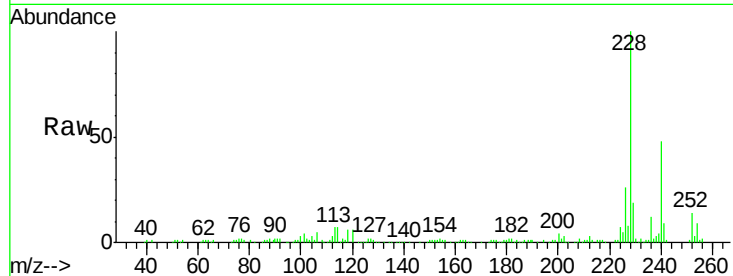
Tot Ion:240 Resp: 105508

Ion Ratio Lower Upper

240 100

120 12.7 10.4 15.6

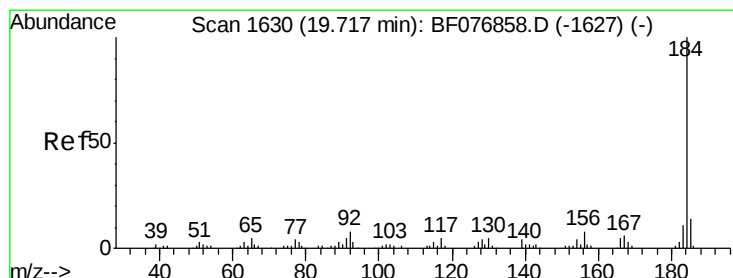
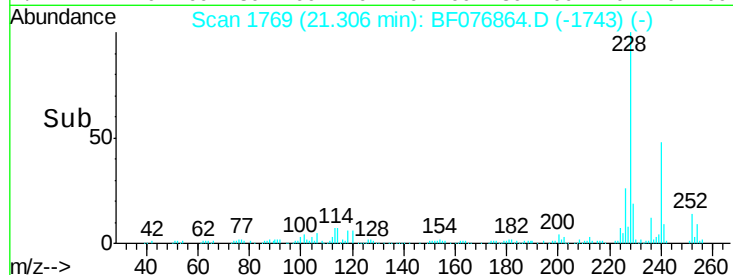
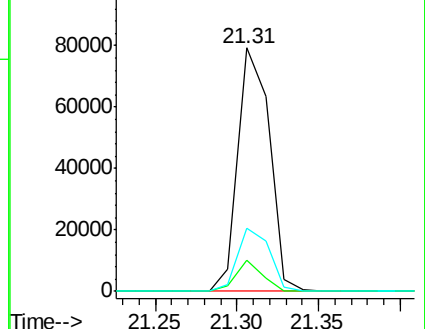
236 26.1 20.2 30.2



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: 25.28 ng

RT: 19.72 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

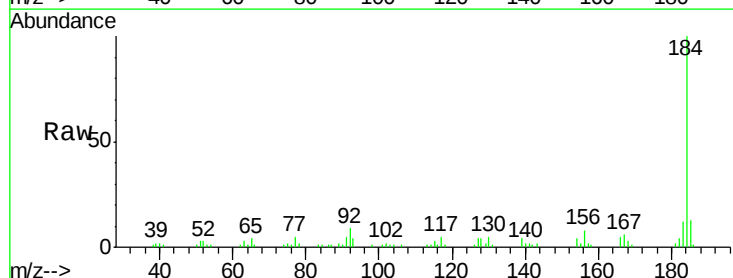
Tgt Ion:184 Resp: 85354

Ion Ratio Lower Upper

184 100

185 13.3 11.4 17.2

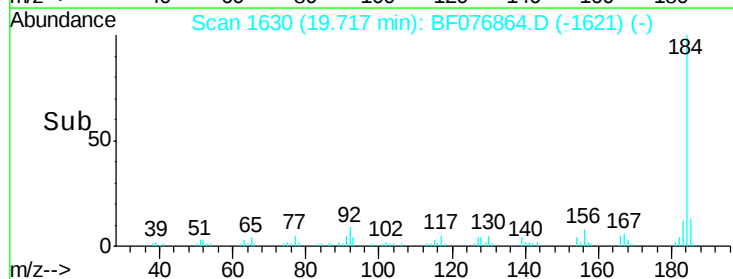
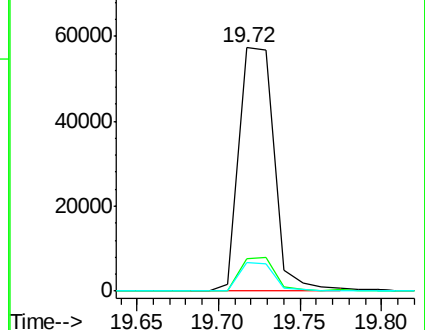
183 11.7 9.0 13.6

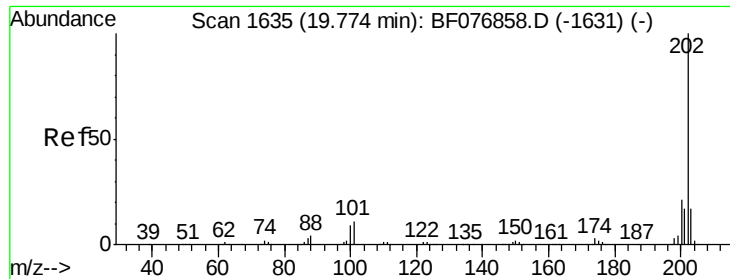


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

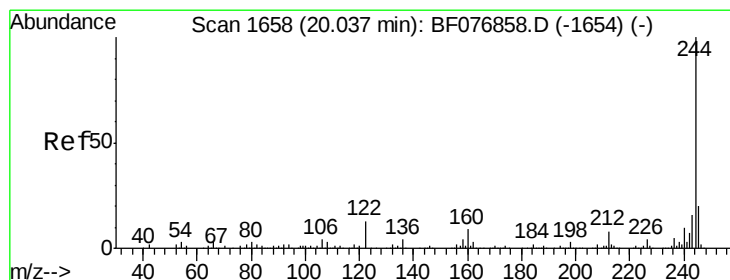
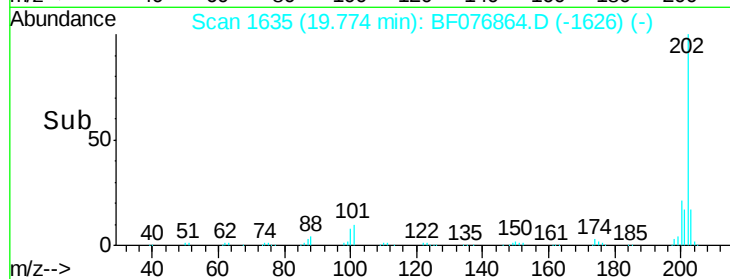
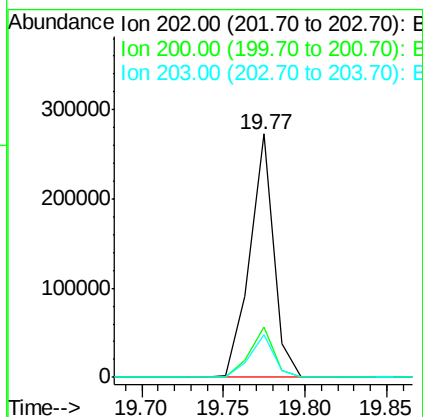
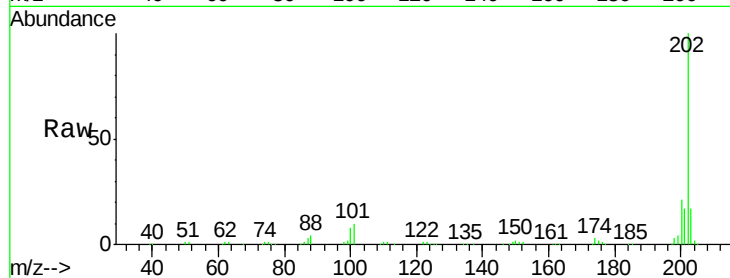




#77
Pvrene
Concen: 38.39 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

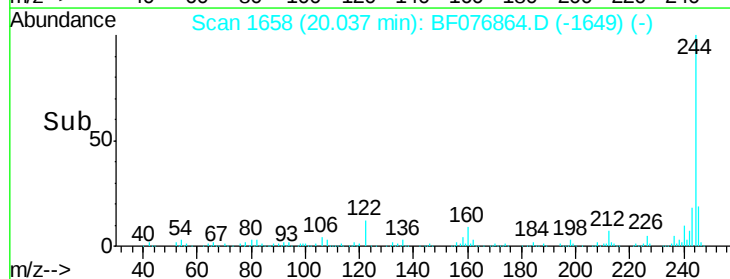
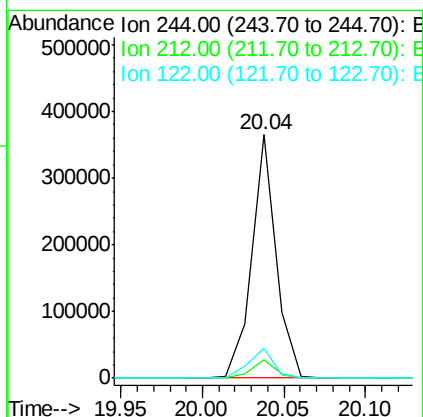
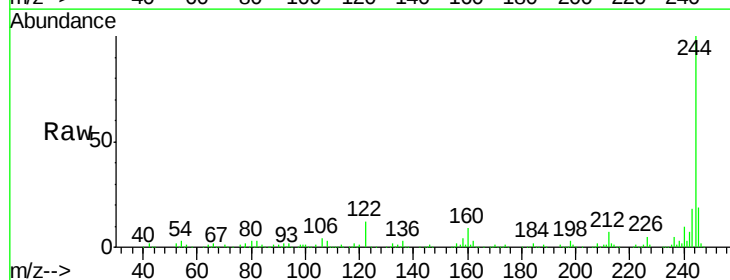
Instrument :
BNA_F
ClientSampleId :
PB81310BS

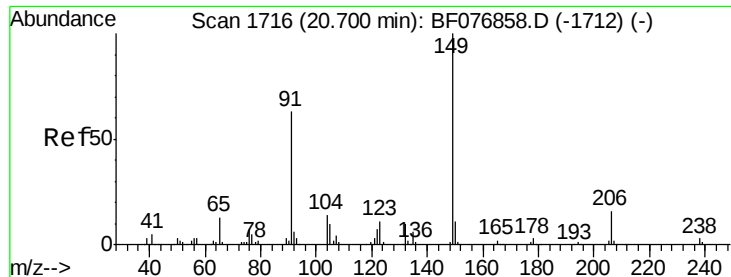
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.3	14.0	21.0



#78
Terphenyl-d14
Concen: 82.31 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	12.1	10.1	15.1





#79

Butylbenzylphthalate

Concen: 42.30 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

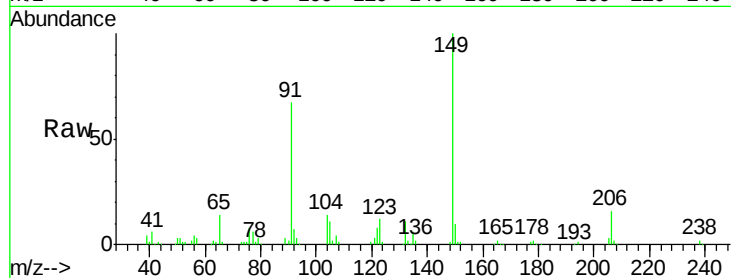
Tot Ion:149 Resp: 138522

Ion Ratio Lower Upper

149 100

91 67.1 50.6 76.0

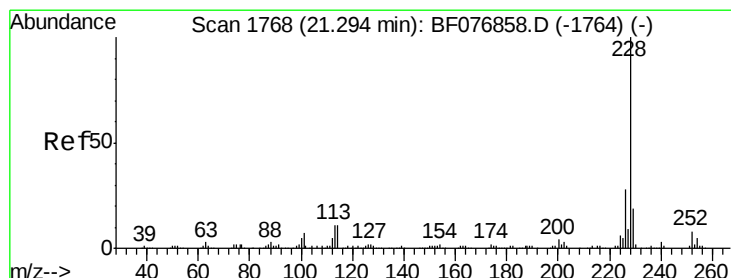
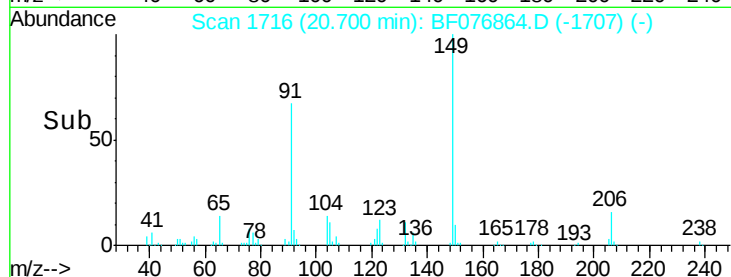
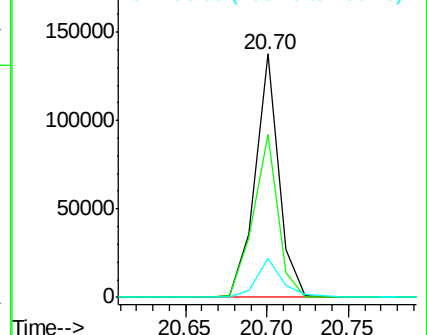
206 16.2 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.96 ng

RT: 21.29 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

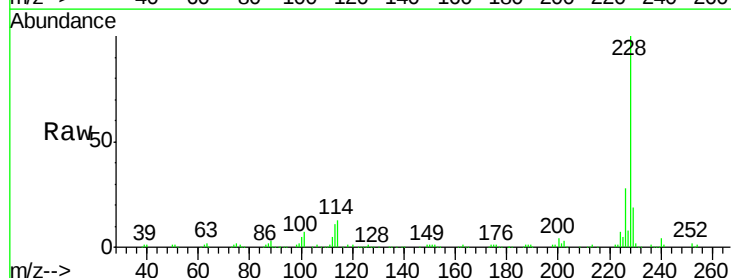
Tgt Ion:228 Resp: 251281

Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

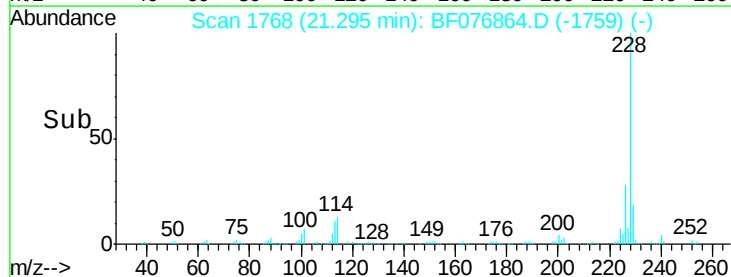
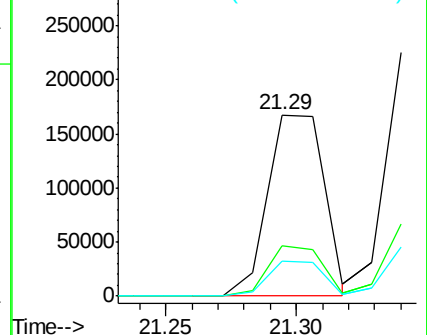
229 19.3 15.5 23.3

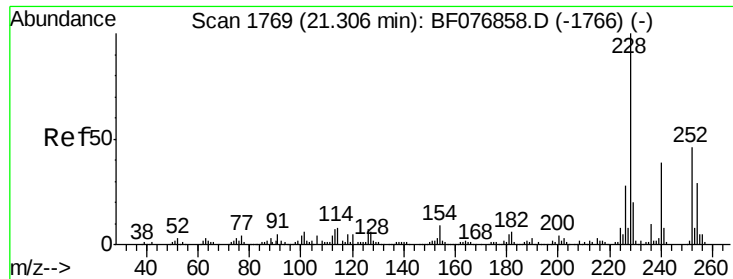


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 11.41 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

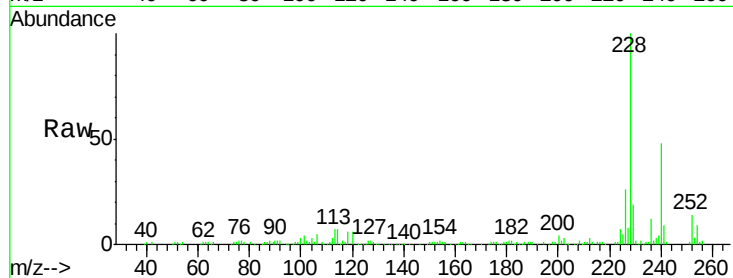
Tot Ion:252 Resp: 23995

Ion Ratio Lower Upper

252 100

254 61.7 50.2 75.4

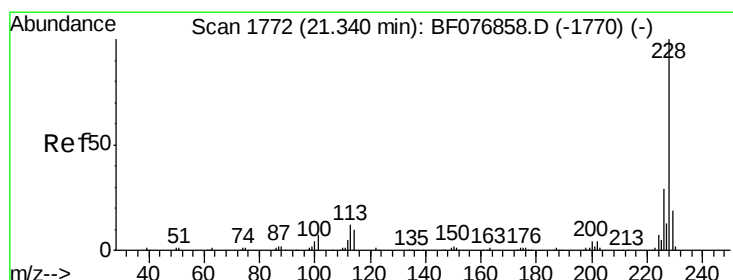
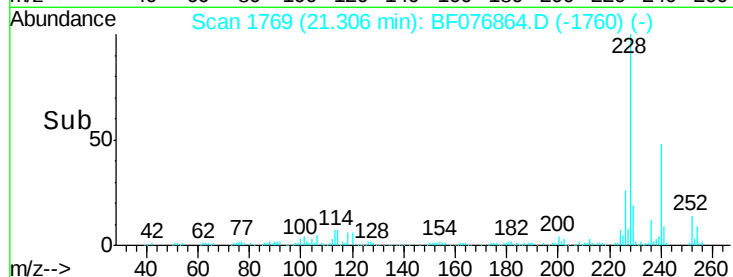
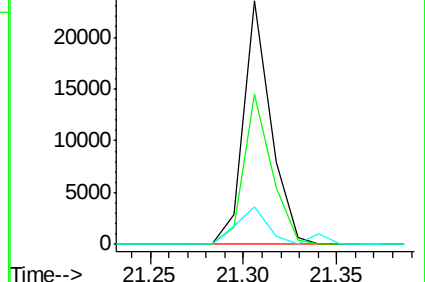
126 15.4 11.5 17.3



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: 39.35 ng

RT: 21.34 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

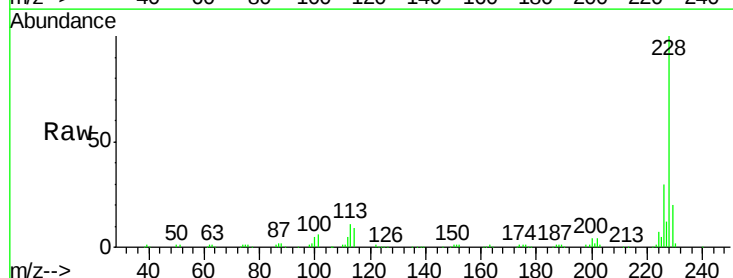
Tgt Ion:228 Resp: 237570

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

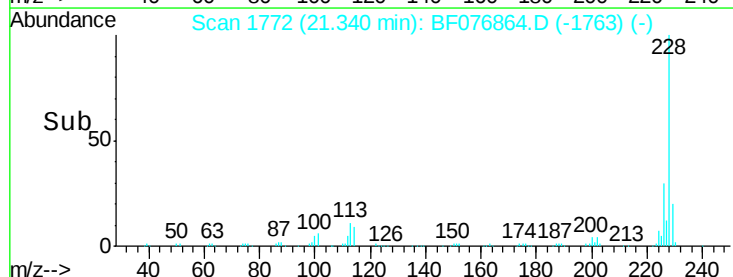
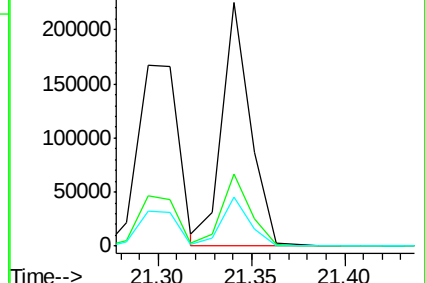
229 20.3 15.4 23.0

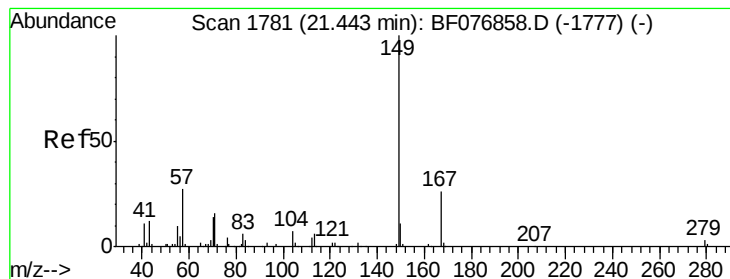


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.39 ng

RT: 21.44 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

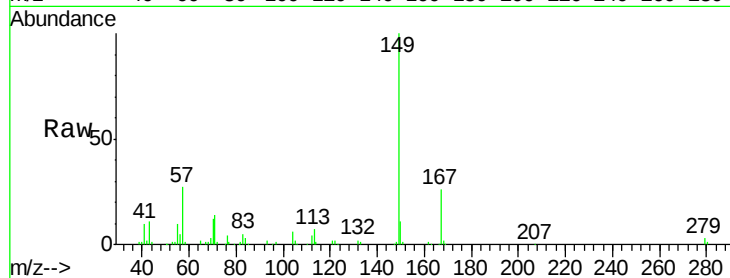
Tot Ion:149 Resp: 205663

Ion Ratio Lower Upper

149 100

167 25.7 20.6 30.8

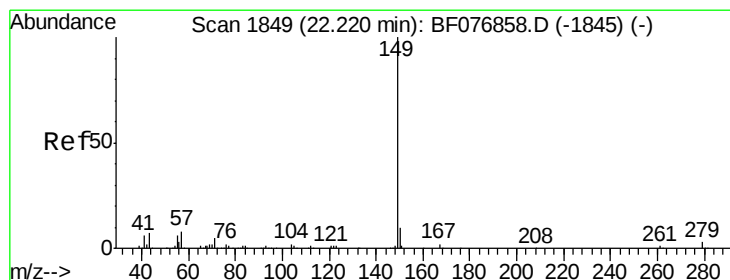
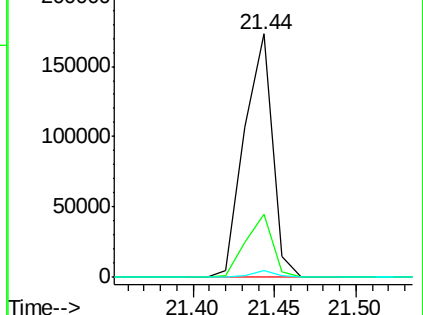
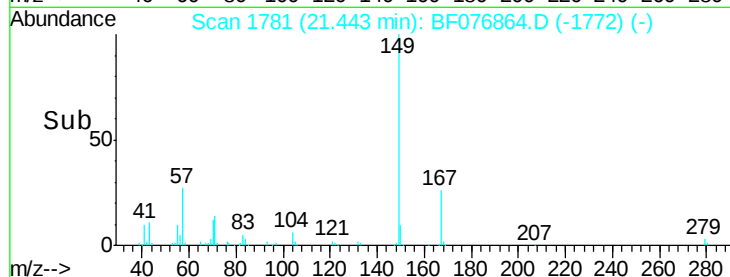
279 2.6 2.2 3.2



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: 45.71 ng

RT: 22.22 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

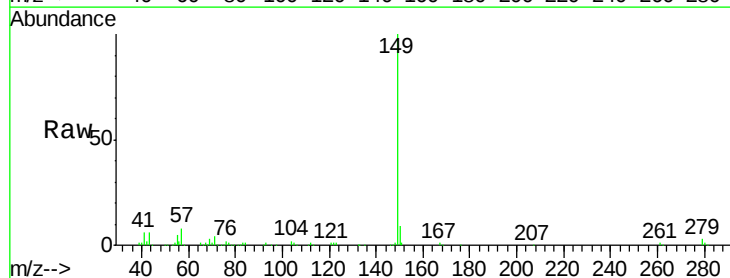
Tgt Ion:149 Resp: 359476

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

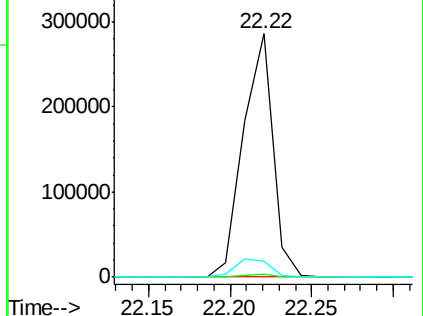
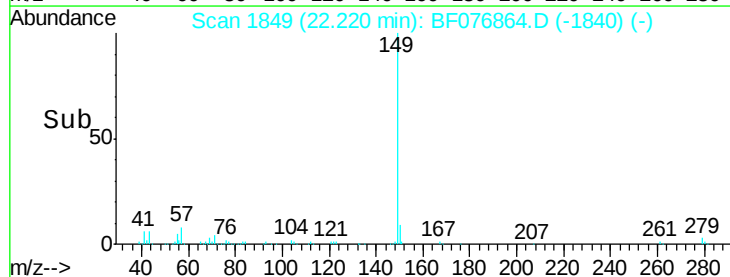
43 8.5 6.6 10.0

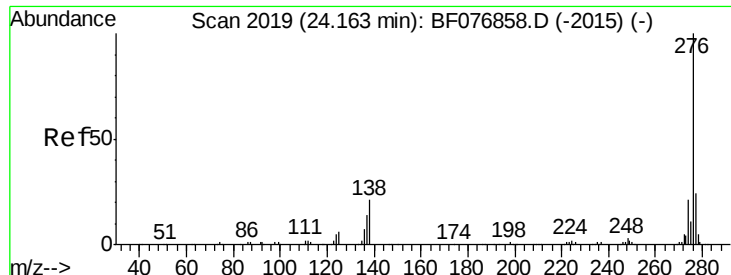


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

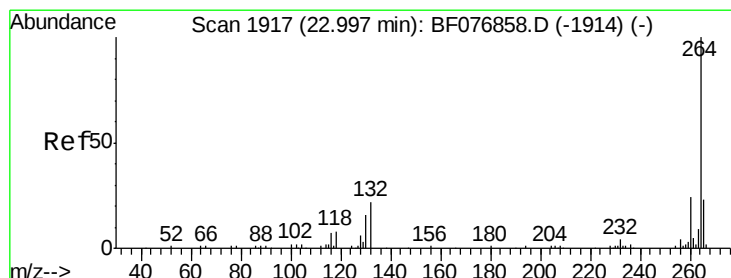
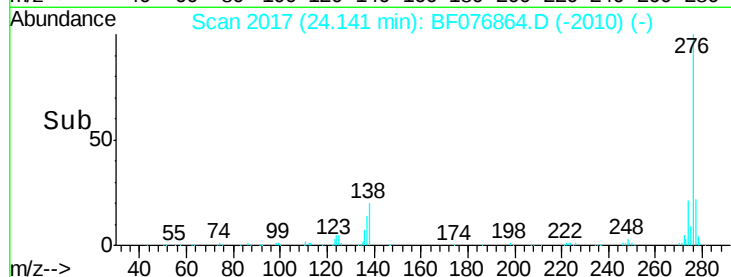
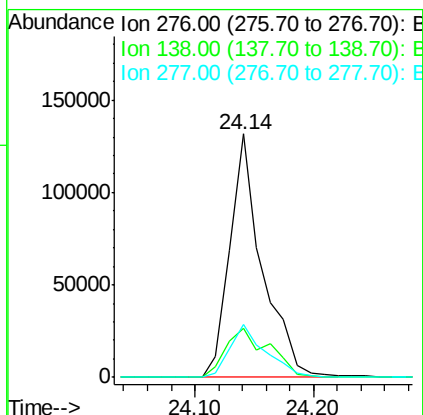
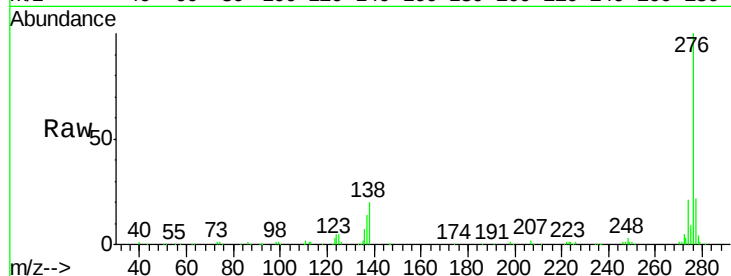




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.17 ng
RT: 24.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

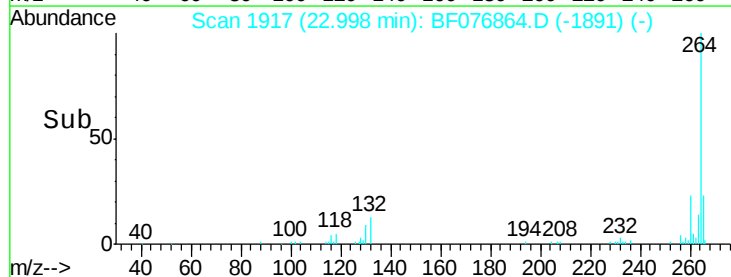
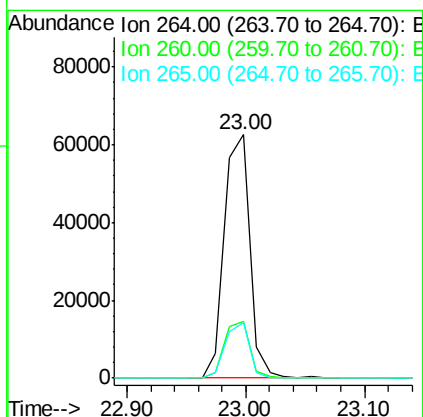
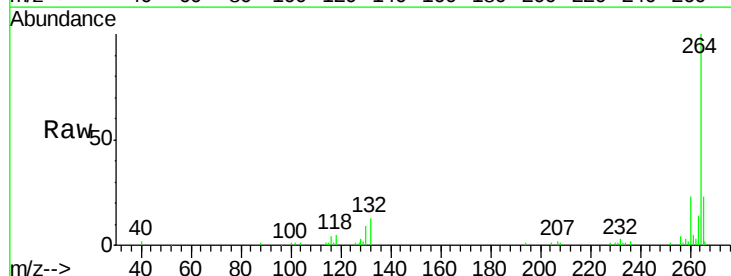
Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:276 Resp: 250627
Ion Ratio Lower Upper
276 100
138 26.9 14.6 22.0#
277 24.0 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.00 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:264 Resp: 93143
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.6 18.1 27.1

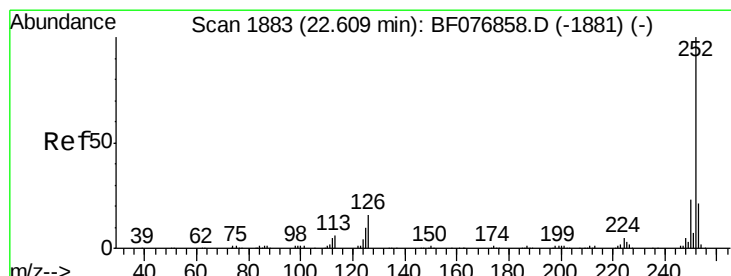
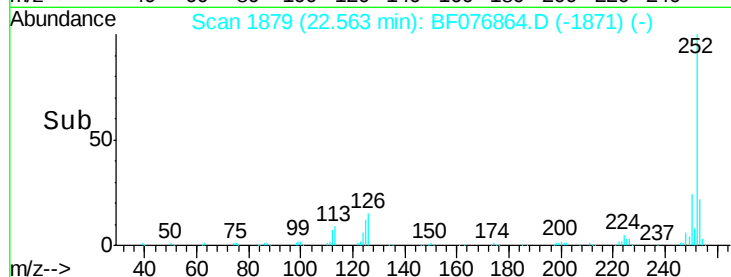
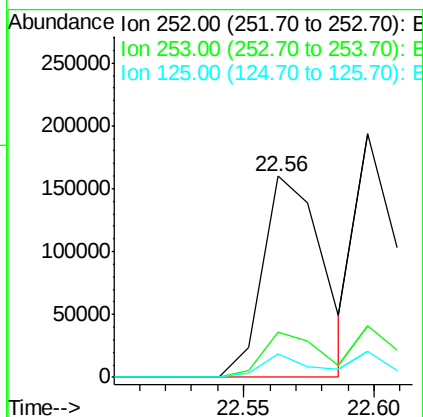
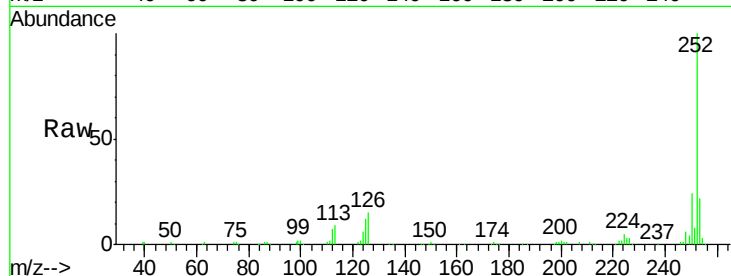




#87
Benzo(b)fluoranthene
Concen: 40.74 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

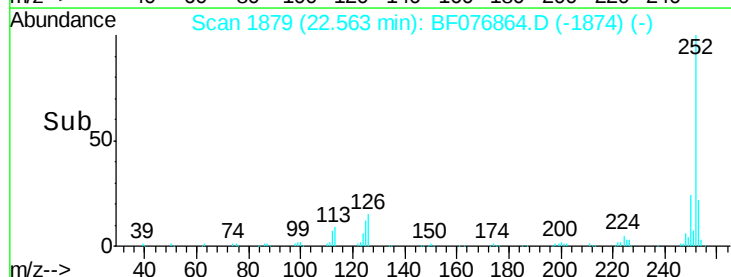
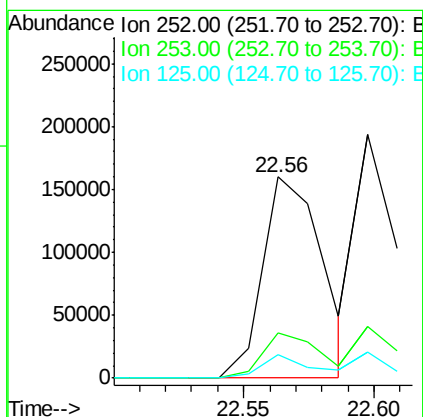
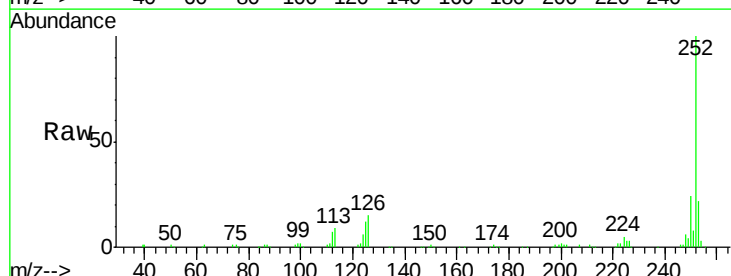
Instrument :
BNA_F
ClientSampleId :
PB81310BS

Tot Ion:252 Resp: 255562
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.9 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 46.63 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:252 Resp: 255562
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.9 7.1 10.7#

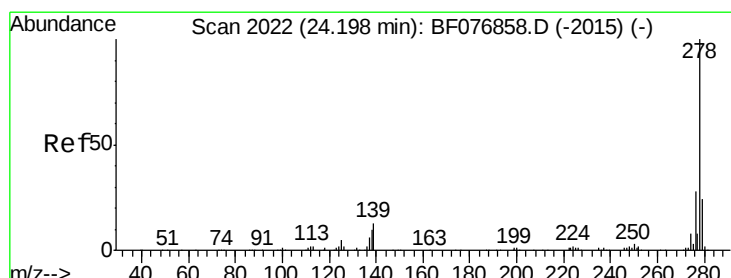
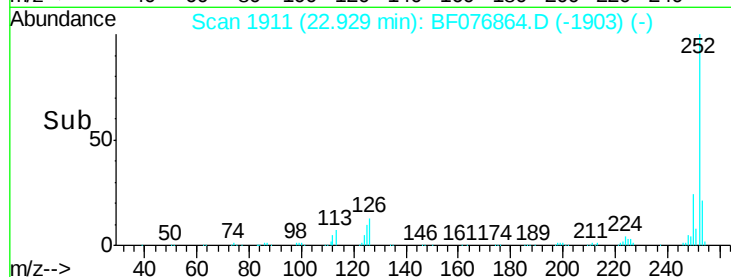
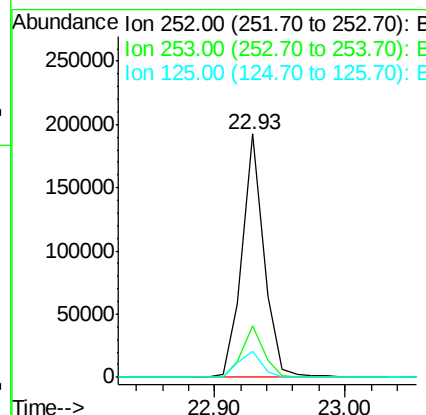
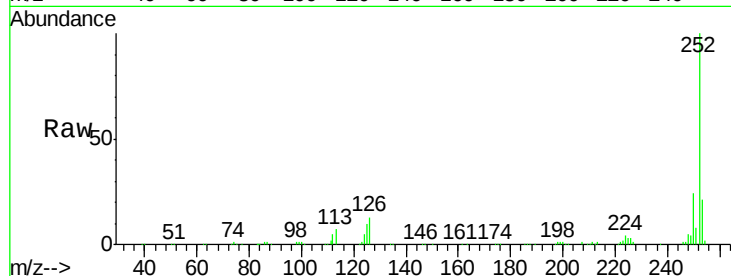




#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 22.93 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

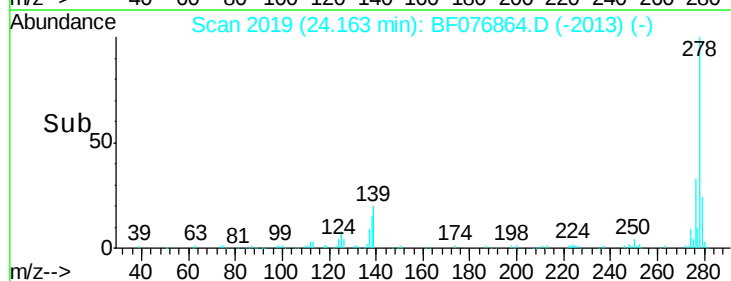
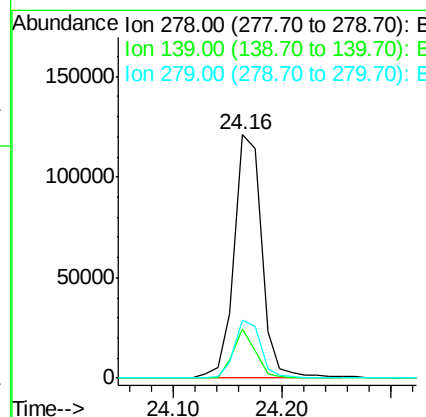
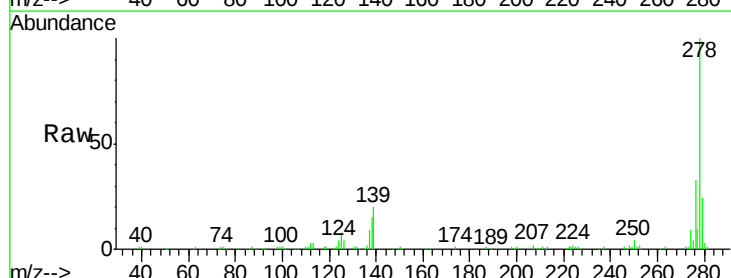
Instrument :
BNA_F
ClientSampleId :
PB81310BS

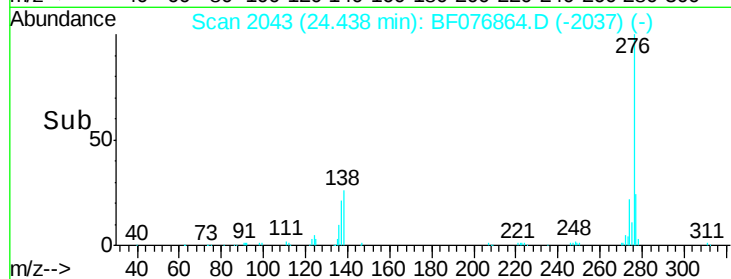
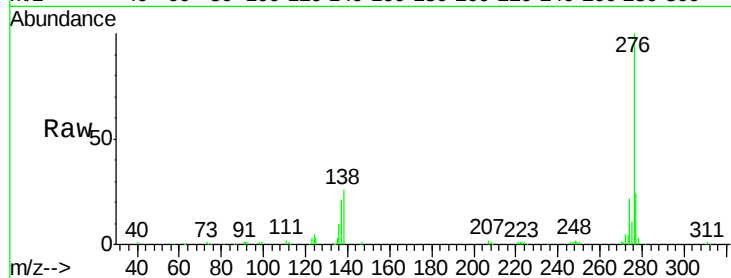
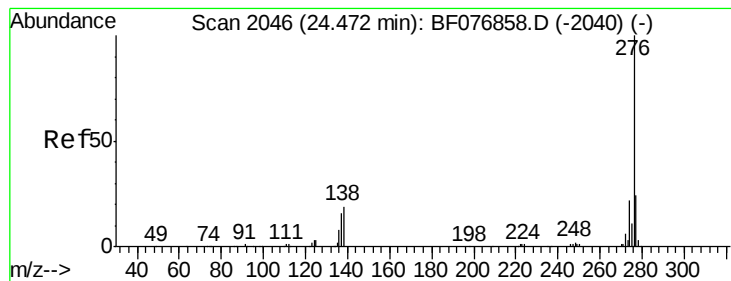
Tot Ion:252 Resp: 225460
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 10.5 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 24.16 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF076864.D
Acq: 14 Jan 2015 17:43

Tgt Ion:278 Resp: 209650
Ion Ratio Lower Upper
278 100
139 20.0 10.5 15.7#
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 40.11 ng

RT: 24.44 min Scan# 2043

Delta R.T. -0.03 min

Lab File: BF076864.D

Acq: 14 Jan 2015 17:43

Instrument :

BNA_F

ClientSampleId :

PB81310BS

Tot Ion:276 Resp: 202473

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 25.5 15.0 22.6#

