

Data Path : Z:\HPCHEM1\BNA F\Data\BF011515\
 Data File : BF076904.D
 Acq On : 16 Jan 2015 4:43
 Operator : IZ / TP
 Sample : G1076-11MSD
 Misc : S
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 16 06:06:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39103	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	160718	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	85969	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	143809	20.00	ng	0.00
75) Chrysene-d12	21.32	240	139715	20.00	ng	0.01
86) Perylene-d12	22.97	264	126188	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	243690	102.46	ng	0.01
7) Phenol-d6	7.42	99	286027	95.33	ng	0.00
23) Nitrobenzene-d5	9.32	82	203103	70.01	ng	0.00
41) 2,4,6-Tribromophenol	16.73	330	75176	107.73	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	401456	71.06	ng	0.00
78) Terphenyl-d14	20.04	244	401989	66.24	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.36	88	26248	25.77	ng	# 54
3) Pyridine	1.85	79	59583	22.61	ng	97
4) n-Nitrosodimethylamine	1.80	42	37582	28.79	ng	92
6) Aniline	7.33	93	15427	3.72	ng	# 88
8) 2-Chlorophenol	7.56	128	87397	31.88	ng	95
9) Benzaldehyde	7.03	77	23681	11.92	ng	92
10) Phenol	7.44	94	95711	30.04	ng	88
11) bis(2-Chloroethyl)ether	7.56	93	85257	34.20	ng	95
12) 1,3-Dichlorobenzene	7.88	146	95833	30.72	ng	98
13) 1,4-Dichlorobenzene	8.06	146	99727	30.15	ng	96
14) 1,2-Dichlorobenzene	8.38	146	94992	31.17	ng	100
15) Benzyl Alcohol	8.45	79	79070	32.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.80	45	109403	32.65	ng	92
17) 2-Methylphenol	8.80	107	68635	30.63	ng	97
18) Hexachloroethane	9.12	117	35945	31.24	ng	90
19) n-Nitroso-di-n-propylamine	9.09	70	66060	31.45	ng	98
20) 3+4-Methylphenols	9.18	107	87516	29.50	ng	94
22) Acetophenone	9.01	105	135449	34.41	ng	97
24) Nitrobenzene	9.36	77	98806	33.43	ng	99
25) Isophorone	9.96	82	177180	33.54	ng	98
26) 2-Nitrophenol	10.09	139	47164	31.78	ng	# 86
27) 2,4-Dimethylphenol	10.37	122	77825	34.06	ng	94
28) bis(2-Chloroethoxy)methane	10.57	93	104940	34.95	ng	98
29) 2,4-Dichlorophenol	10.70	162	74770	35.10	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	80126	33.87	ng	94
31) Naphthalene	10.97	128	268673	32.47	ng	99
32) Benzoic acid	10.71	122	23939	18.91	ng	91
33) 4-Chloroaniline	11.23	127	13459	4.03	ng	94
34) Hexachlorobutadiene	11.34	225	43682	31.12	ng	92
35) Caprolactam	12.05	113	17438	27.81	ng	# 77
36) 4-Chloro-3-methylphenol	12.52	107	85061	34.88	ng	96
37) 2-Methylnaphthalene	12.63	142	189227	33.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	74107	34.87	ng	97
40) Hexachlorocyclopentadiene	13.03	237	60697	54.59	ng	99

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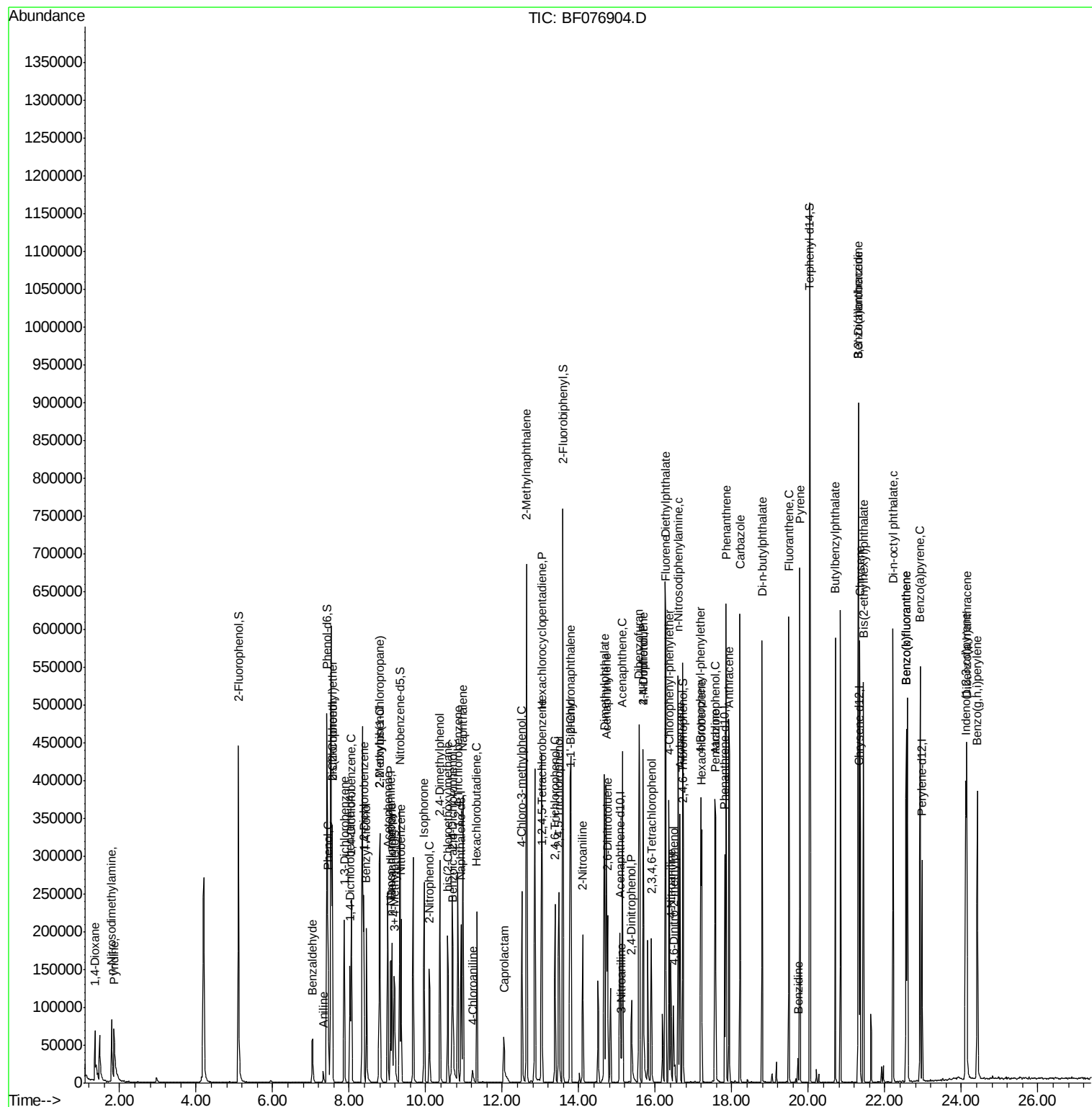
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	52374	33.82	ng	92
43) 2,4,5-Trichlorophenol	13.48	196	54482	34.49	ng	96
45) 1,1'-Biphenyl	13.80	154	222778	34.96	ng	97
46) 2-Chloronaphthalene	13.77	162	178870	34.11	ng	98
47) 2-Nitroaniline	14.11	65	53756	33.79	ng	89
48) Acenaphthylene	14.72	152	289178	32.69	ng	99
49) Dimethylphthalate	14.67	163	213636	35.04	ng	100
50) 2,6-Dinitrotoluene	14.76	165	43928	36.06	ng	94
51) Acenaphthene	15.15	154	162893	32.45	ng	96
52) 3-Nitroaniline	15.10	138	8853	7.17	ng	84
53) 2,4-Dinitrophenol	15.39	184	24304	48.02	ng	87
54) Dibenzofuran	15.57	168	251054	34.34	ng	99
55) 4-Nitrophenol	15.68	139	59077	61.82	ng	99
56) 2,4-Dinitrotoluene	15.68	165	62602	34.89	ng	# 86
57) Fluorene	16.28	166	208698	33.69	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.90	232	41018	35.67	ng	# 95
59) Diethylphthalate	16.27	149	219764	35.67	ng	100
60) 4-Chlorophenyl-phenylether	16.36	204	88773	35.03	ng	96
61) 4-Nitroaniline	16.40	138	36353	24.40	ng	92
62) Azobenzene	16.64	77	213634	33.28	ng	99
64) 4,6-Dinitro-2-methylphenol	16.48	198	21052	24.52	ng	91
65) n-Nitrosodiphenylamine	16.60	169	170812	33.31	ng	98
66) 4-Bromophenyl-phenylether	17.19	248	51487	35.34	ng	97
67) Hexachlorobenzene	17.21	284	52186	33.99	ng	97
68) Atrazine	17.56	200	58770	37.77	ng	99
69) Pentachlorophenol	17.57	266	42166	61.61	ng	99
70) Phenanthrene	17.85	178	297549	33.18	ng	99
71) Anthracene	17.93	178	302766	34.62	ng	97
72) Carbazole	18.21	167	284386	33.53	ng	98
73) Di-n-butylphthalate	18.79	149	349271	35.57	ng	99
74) Fluoranthene	19.49	202	306290	33.33	ng	99
76) Benzidine	19.73	184	22829	5.11	ng	99
77) Pyrene	19.77	202	316181	33.02	ng	99
79) Butylbenzylphthalate	20.70	149	157624	36.35	ng	96
80) Benzo(a)anthracene	21.31	228	295555	33.72	ng	99
81) 3,3'-Dichlorobenzidine	21.31	252	39492	14.18	ng	# 99
82) Chrysene	21.34	228	252328	31.56	ng	98
83) Bis(2-ethylhexyl)phthalate	21.44	149	216646	36.11	ng	96
84) Di-n-octyl phthalate	22.21	149	365983	35.15	ng	98
85) Indeno(1,2,3-cd)pyrene	24.12	276	278757	32.90	ng	# 82
87) Benzo(b)fluoranthene	22.56	252	286478	33.71	ng	# 95
88) Benzo(k)fluoranthene	22.56	252	286464	38.58	ng	98
89) Benzo(a)pyrene	22.92	252	268203	35.78	ng	99
90) Dibenzo(a,h)anthracene	24.14	278	243519	35.40	ng	# 94
91) Benzo(g,h,i)perylene	24.41	276	250605	36.65	ng	# 94

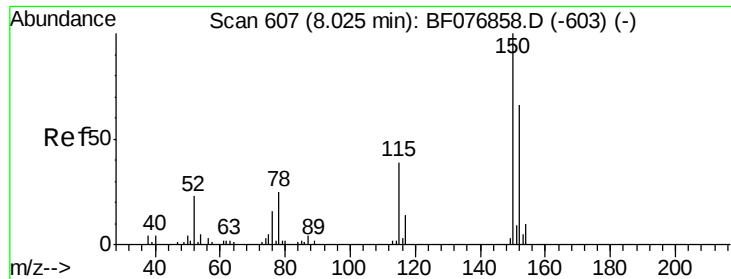
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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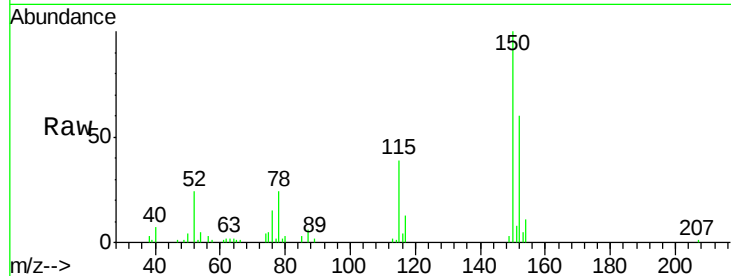


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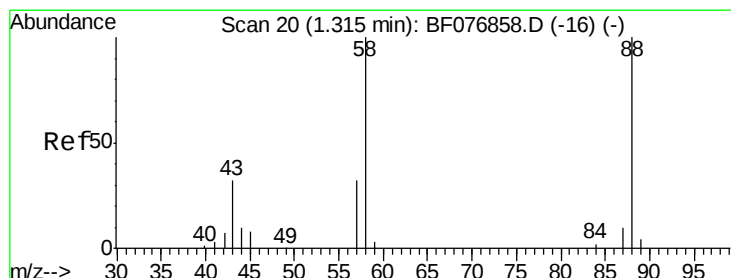
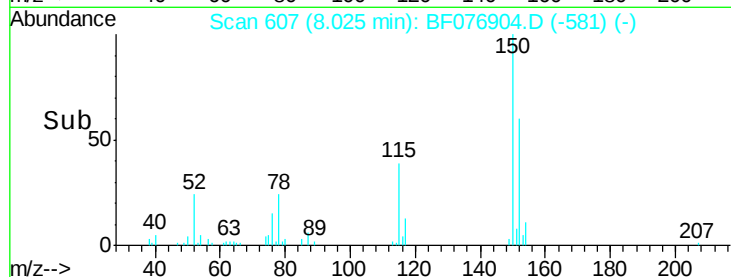
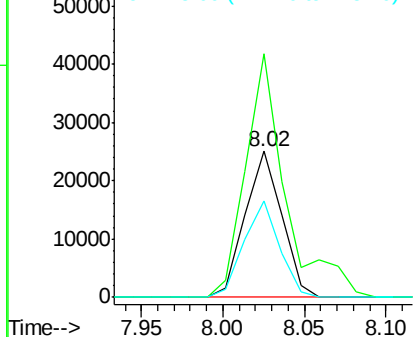
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 39103
Ion Ratio Lower Upper
152 100
150 166.5 121.7 182.5
115 65.6 47.0 70.6



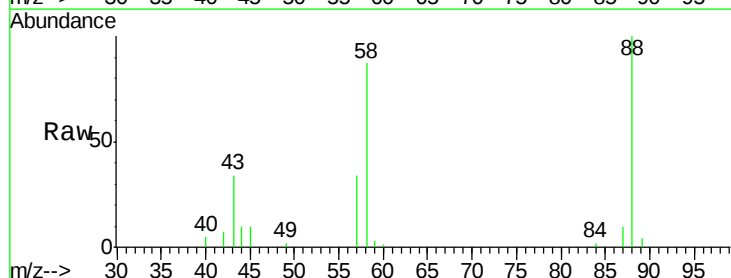
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



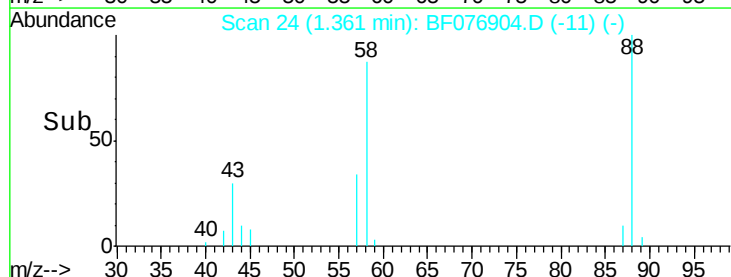
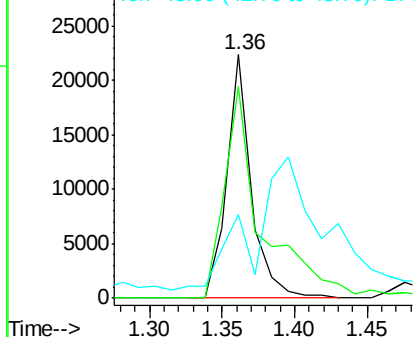
#2

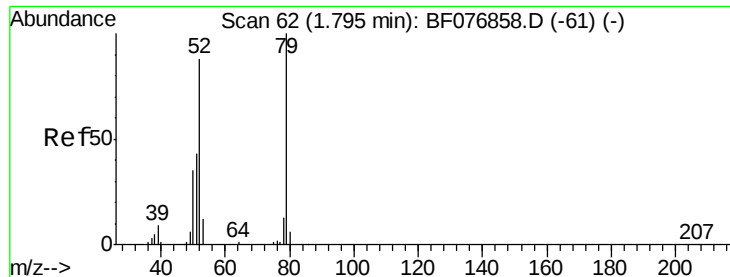
1,4-Dioxane
Concen: 25.77 ng
RT: 1.36 min Scan# 24
Delta R.T. 0.05 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion: 88 Resp: 26248
Ion Ratio Lower Upper
88 100
58 137.2 77.0 115.4#
43 0.0 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: 22.61 ng

RT: 1.85 min Scan# 67

Delta R.T. 0.06 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

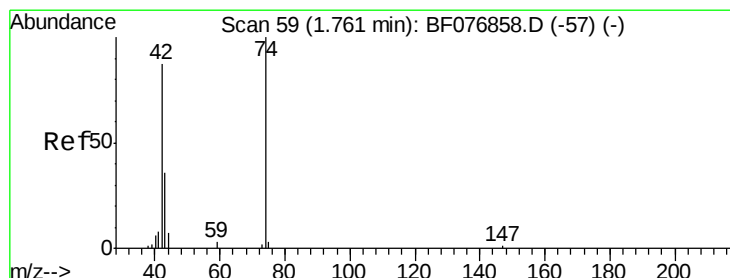
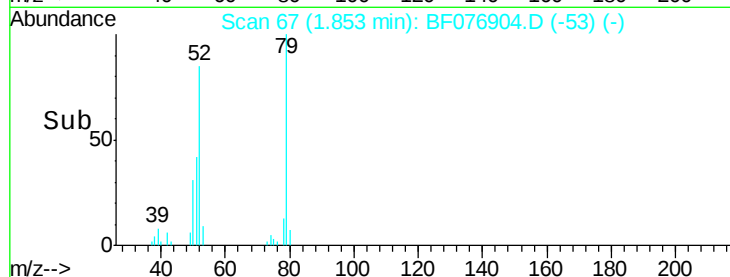
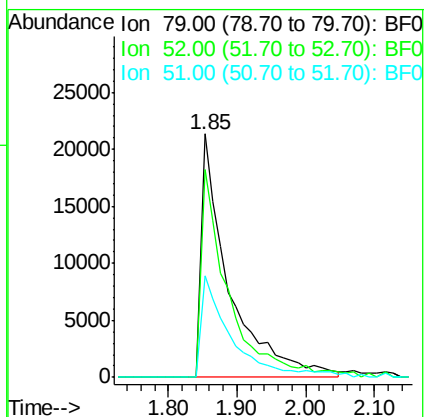
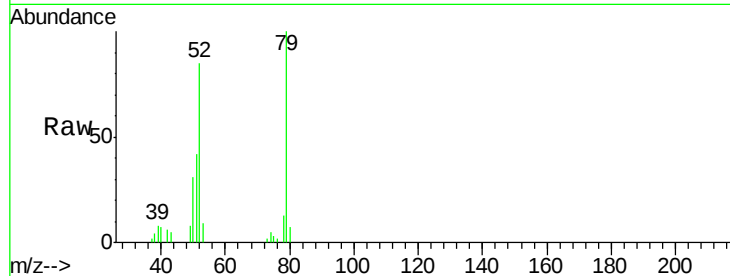
Tot Ion: 79 Resp: 59583

Ion Ratio Lower Upper

79 100

52 85.1 70.1 105.1

51 41.6 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 28.79 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.03 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

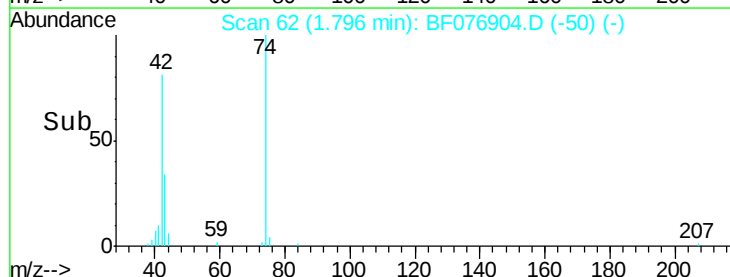
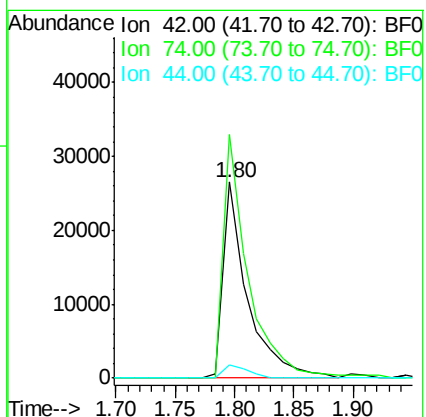
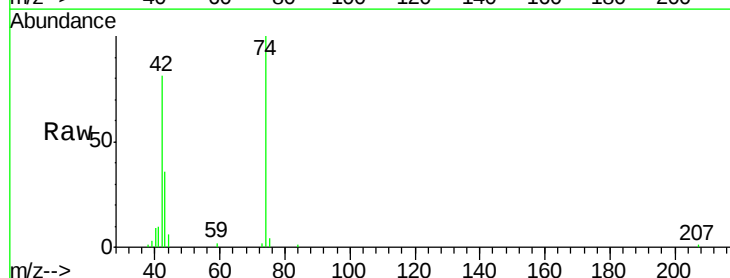
Tgt Ion: 42 Resp: 37582

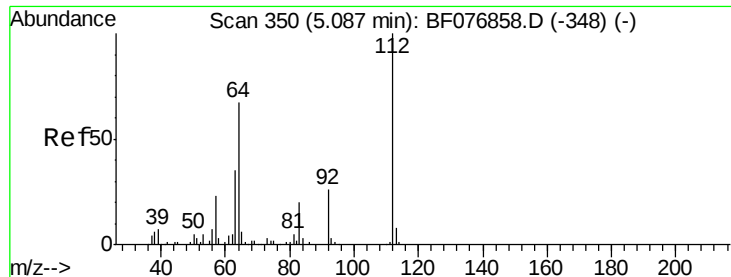
Ion Ratio Lower Upper

42 100

74 124.1 92.4 138.6

44 6.9 6.2 9.2





#5

2-Fluorophenol

Concen: 102.46 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampleId :

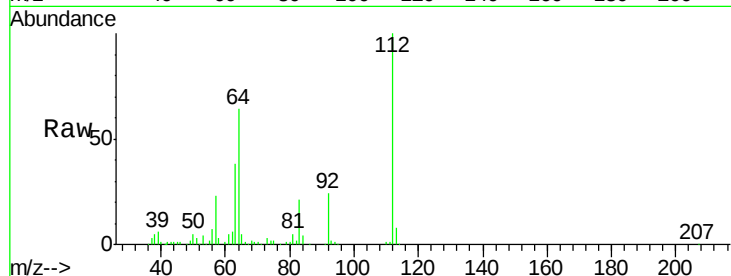
Tot Ion:112 Resp: 243690

Ion Ratio Lower Upper

112 100

64 63.6 54.2 81.4

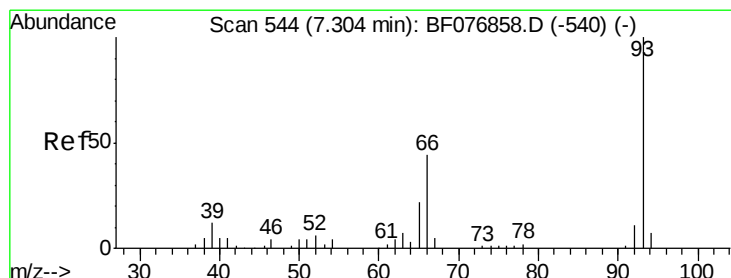
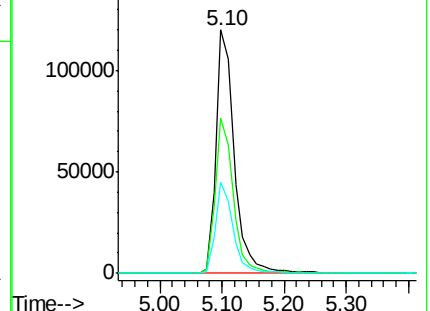
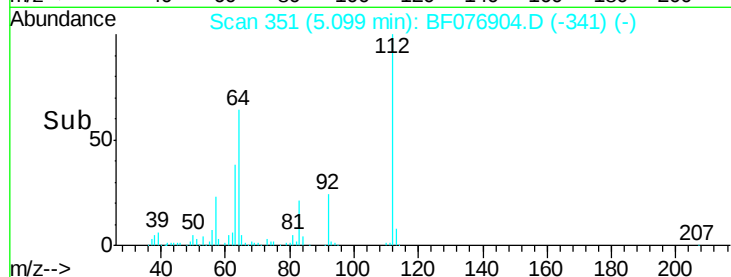
63 37.7 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 3.72 ng

RT: 7.33 min Scan# 546

Delta R.T. 0.02 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

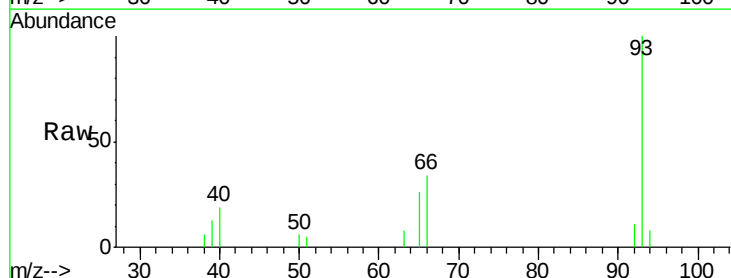
Tgt Ion: 93 Resp: 15427

Ion Ratio Lower Upper

93 100

66 34.3 35.0 52.4#

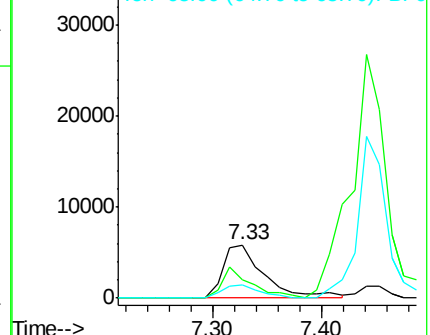
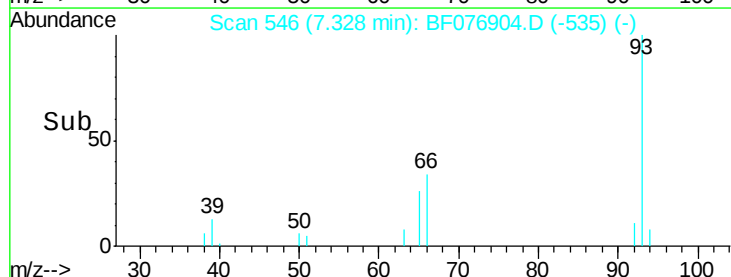
65 25.5 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.33 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

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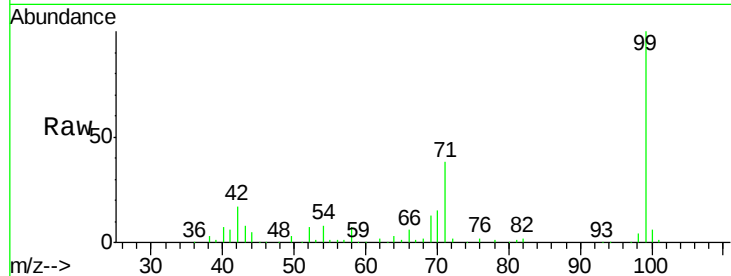
Tot Ion: 99 Resp: 286027

Ion Ratio Lower Upper

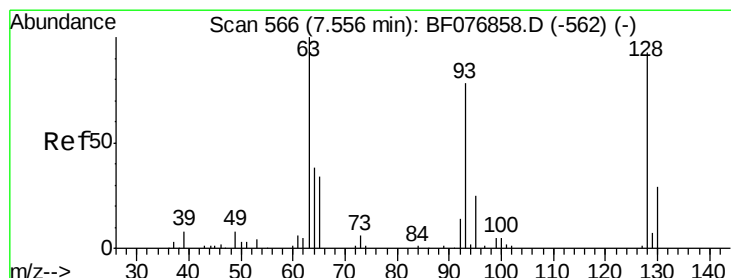
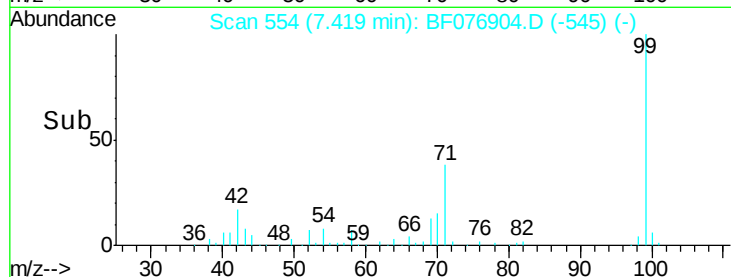
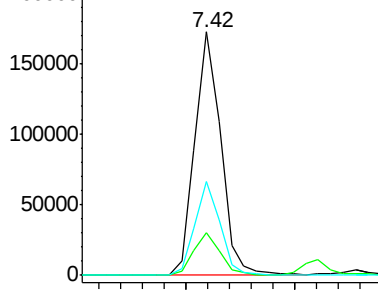
99 100

42 17.4 15.0 22.4

71 38.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.88 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

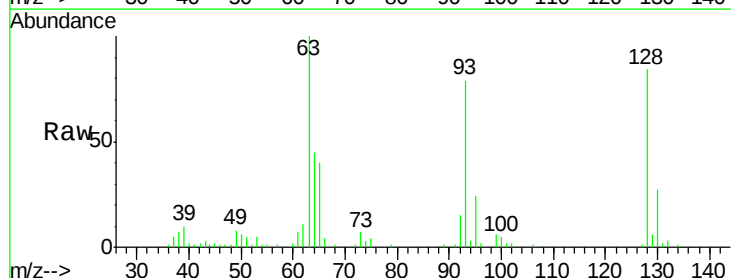
Tgt Ion: 128 Resp: 87397

Ion Ratio Lower Upper

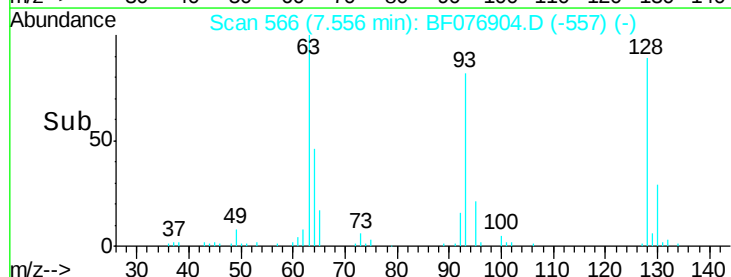
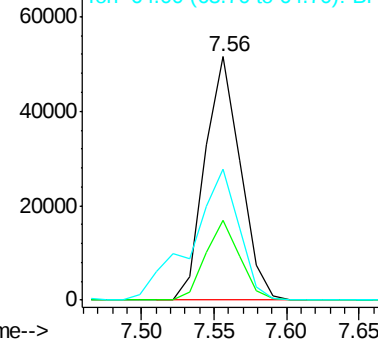
128 100

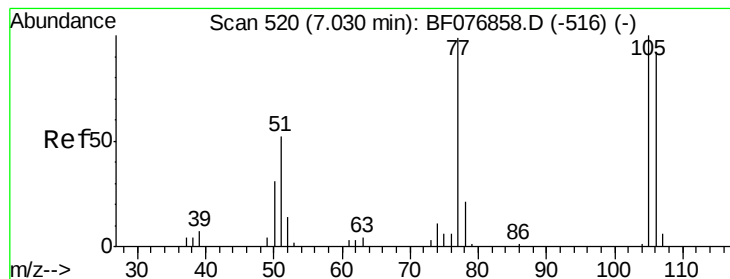
130 32.7 11.0 51.0

64 54.0 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: 11.92 ng

RT: 7.03 min Scan# 520

Delta R.T. 0.00 min

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Instrument :

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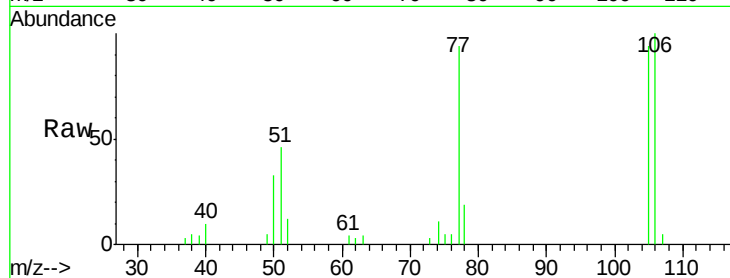
Tot Ion: 77 Resp: 23681

Ion Ratio Lower Upper

77 100

105 99.6 81.4 121.4

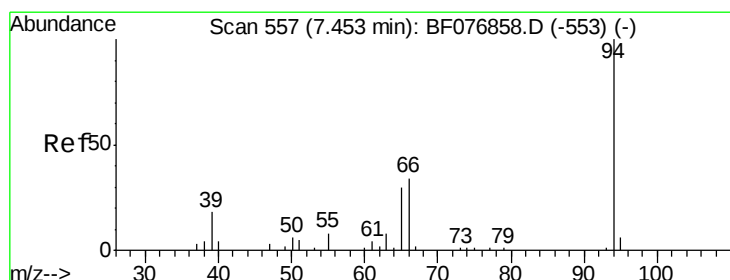
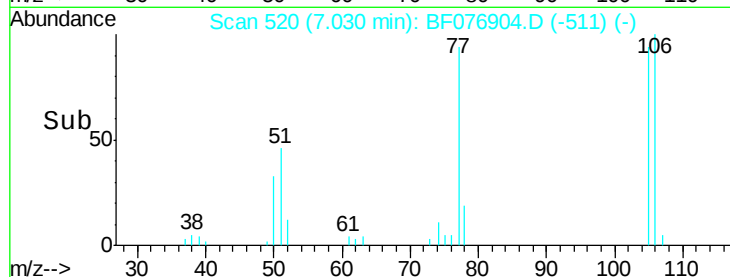
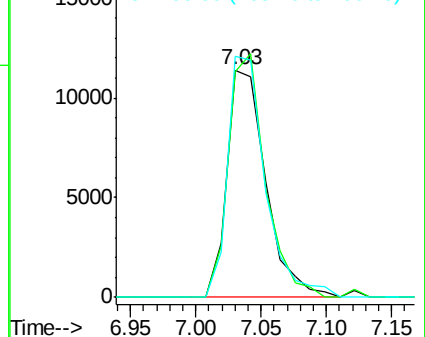
106 106.4 72.8 112.8



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: 30.04 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

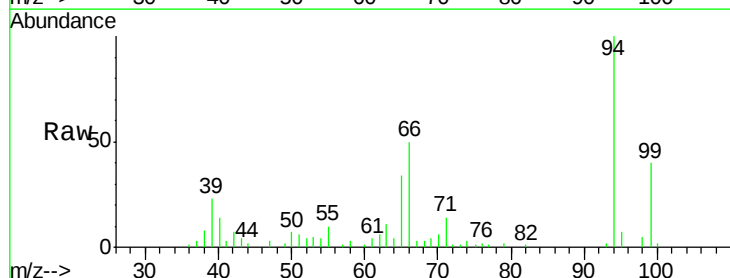
Tgt Ion: 94 Resp: 95711

Ion Ratio Lower Upper

94 100

65 33.5 11.3 51.3

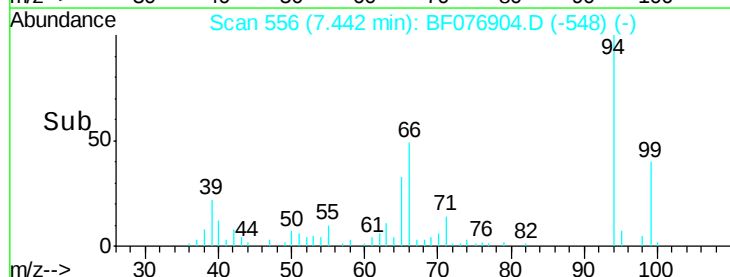
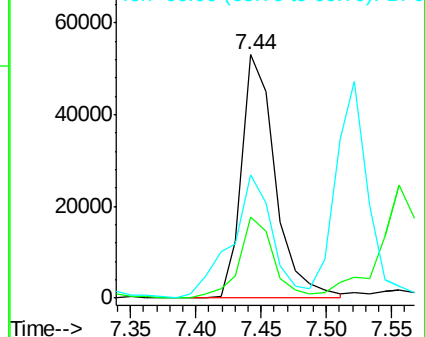
66 50.4 19.5 59.5

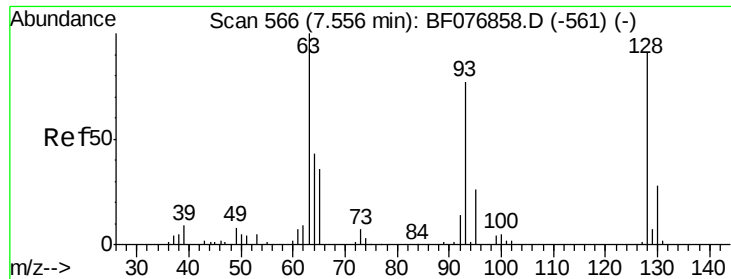


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

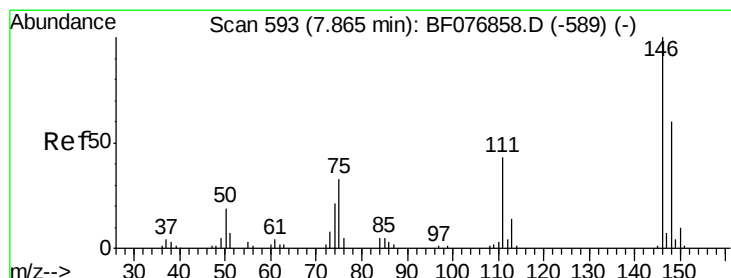
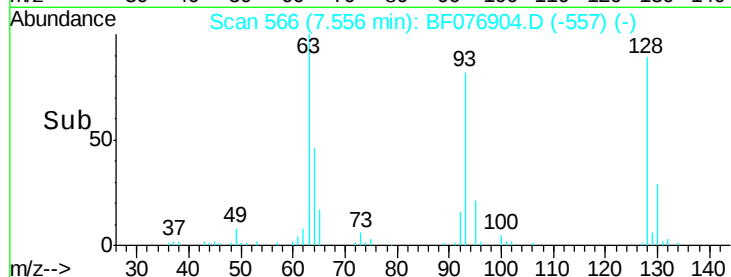
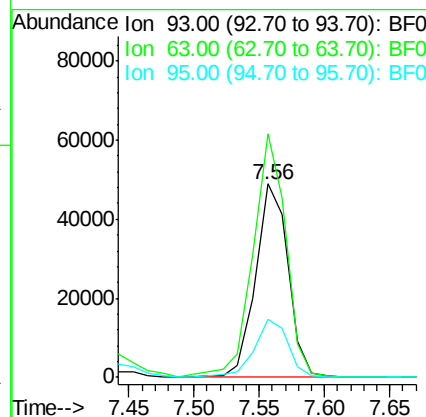
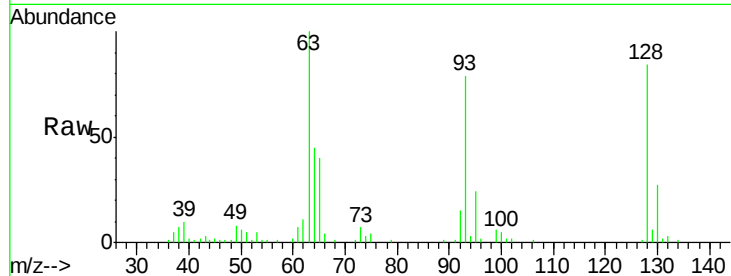




#11
bis(2-Chloroethyl)ether
Concen: 34.20 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

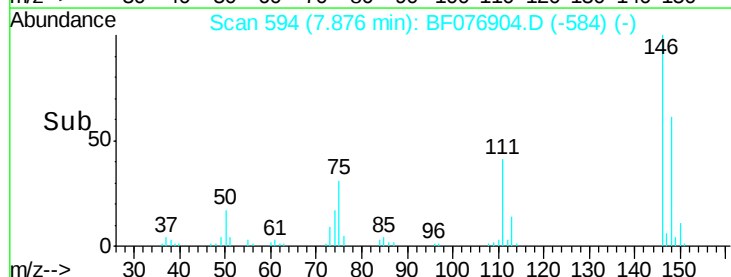
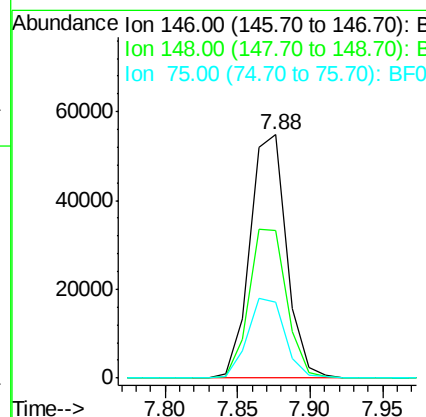
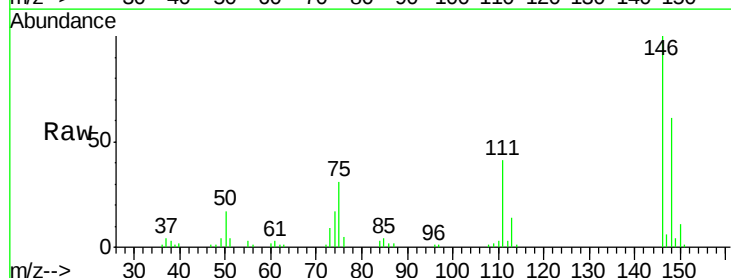
Instrument :
BNA_F
ClientSampleId :

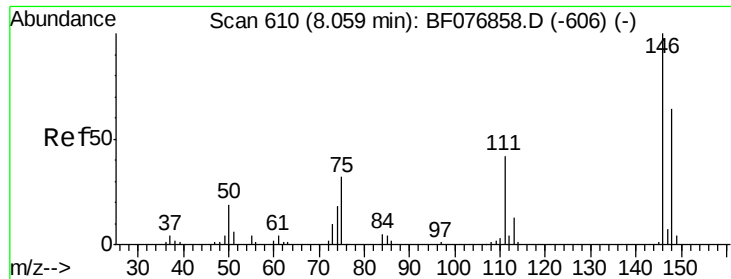
Tot Ion: 93 Resp: 85257
Ion Ratio Lower Upper
93 100
63 125.9 111.3 151.3
95 29.9 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 30.72 ng
RT: 7.88 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion: 146 Resp: 95833
Ion Ratio Lower Upper
146 100
148 60.5 48.1 72.1
75 31.2 26.8 40.2

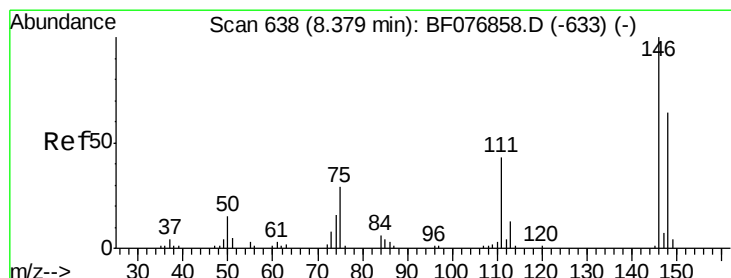
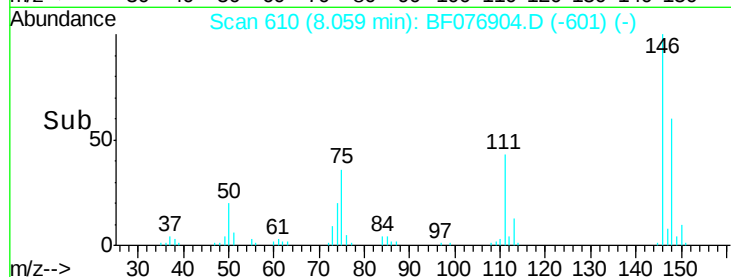
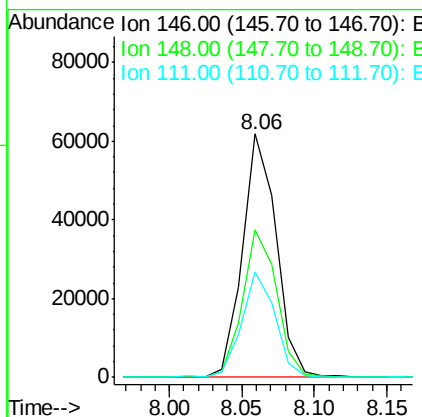
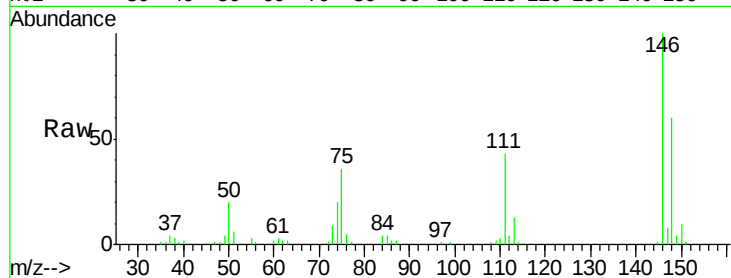




#13
 1,4-Dichlorobenzene
 Concen: 30.15 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

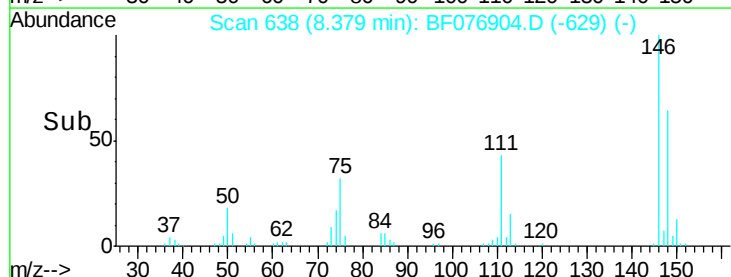
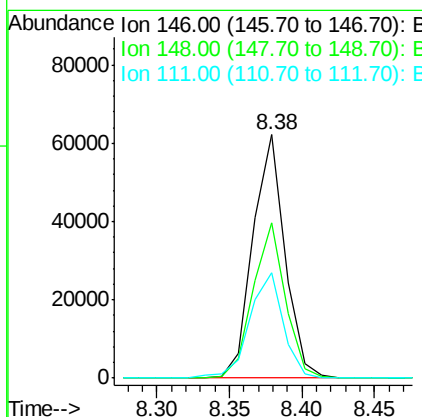
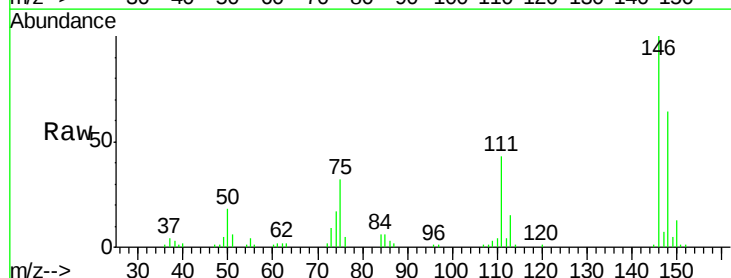
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 99727
 Ion Ratio Lower Upper
 146 100
 148 60.4 51.5 77.3
 111 43.1 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 31.17 ng
 RT: 8.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:146 Resp: 94992
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 111 43.4 34.5 51.7





#15

Benzyl Alcohol

Concen: 32.57 ng

RT: 8.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampled :

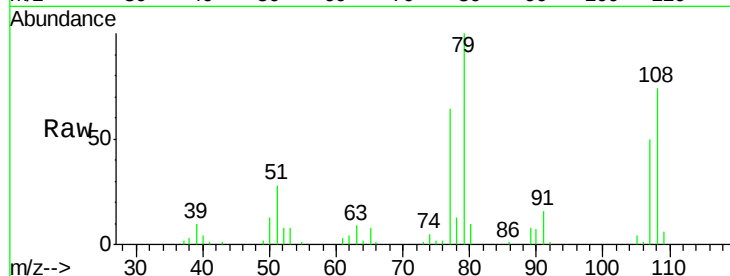
Tot Ion: 79 Resp: 79070

Ion Ratio Lower Upper

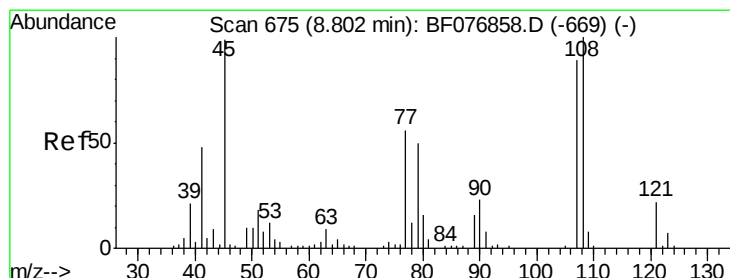
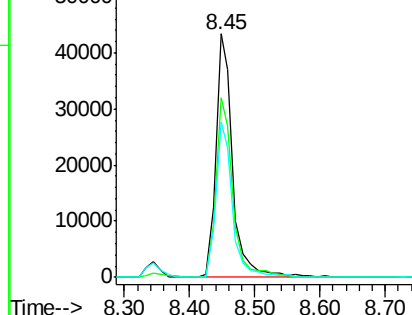
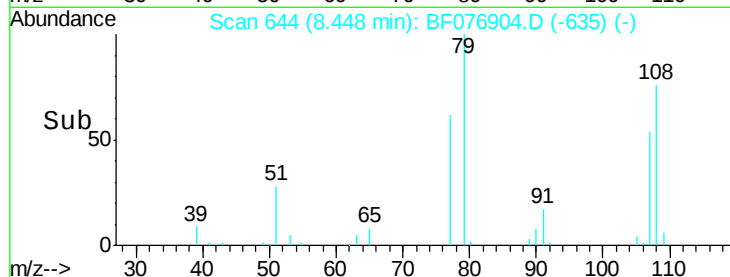
79 100

108 73.6 57.2 85.8

77 64.0 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: 32.65 ng

RT: 8.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

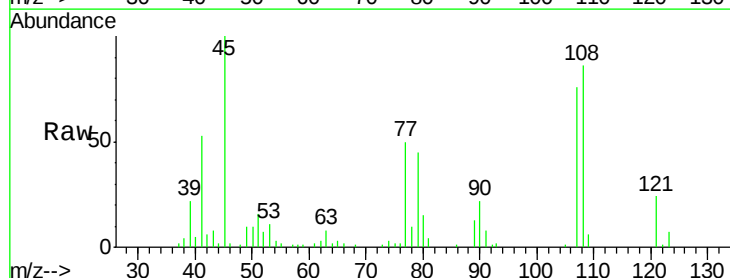
Tgt Ion: 45 Resp: 109403

Ion Ratio Lower Upper

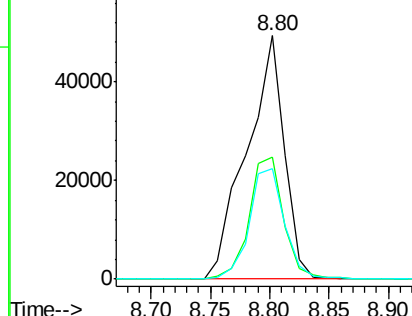
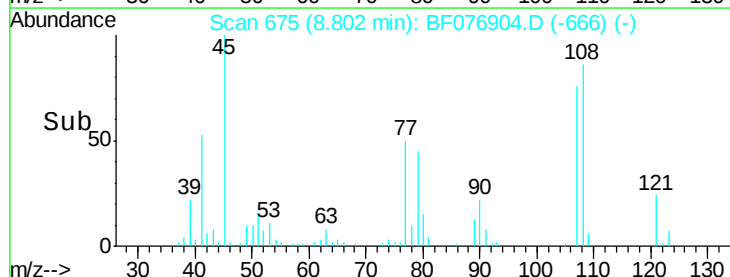
45 100

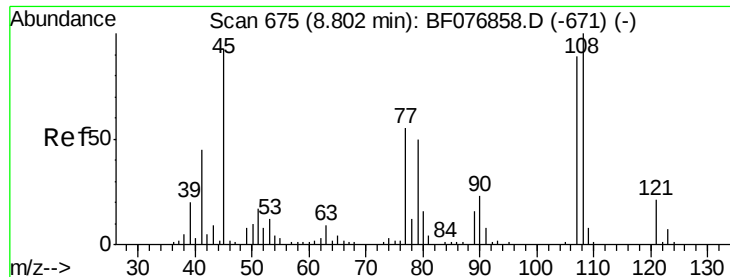
77 50.2 36.1 76.1

79 45.4 30.5 70.5



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

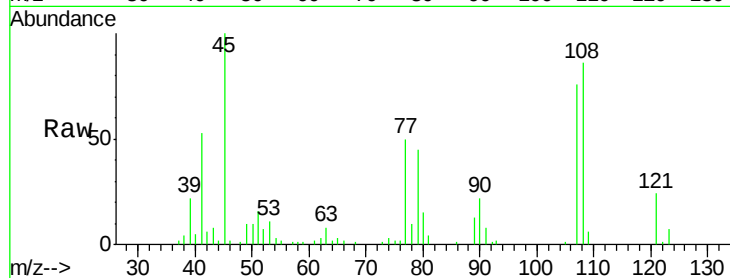




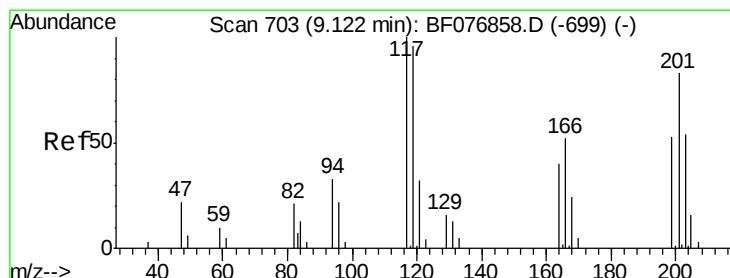
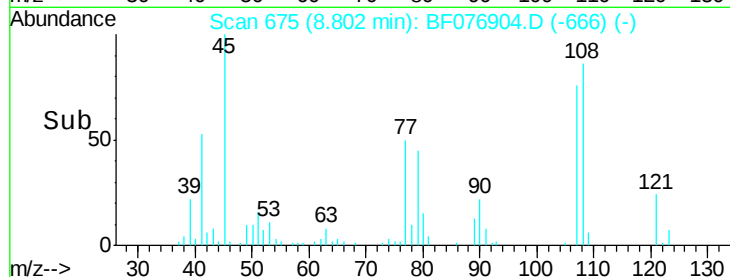
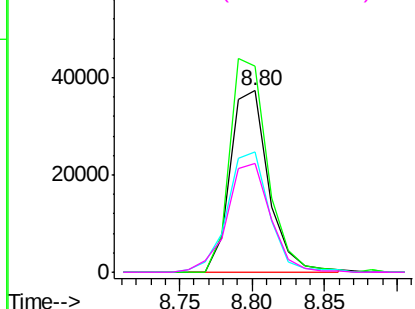
#17
2-Methylphenol
Concen: 30.63 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 68635
Ion Ratio Lower Upper
107 100
108 113.7 89.7 134.5
77 66.4 50.1 75.1
79 60.0 45.0 67.6

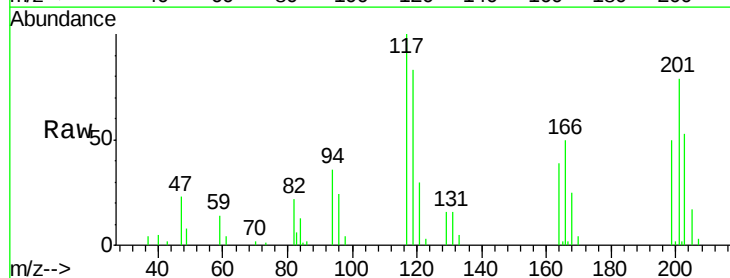


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

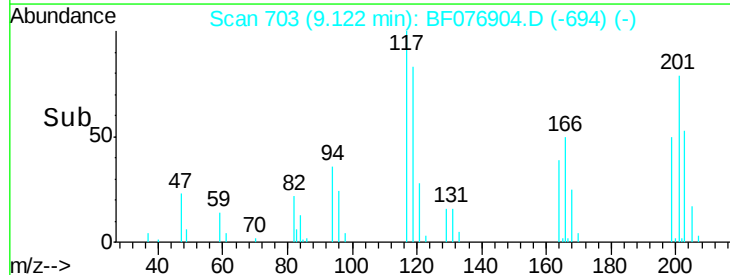
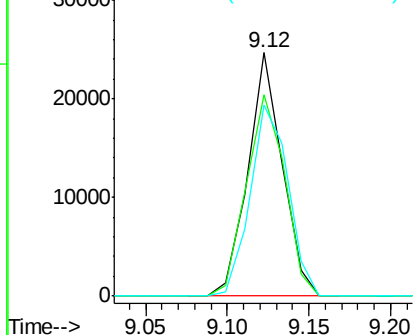


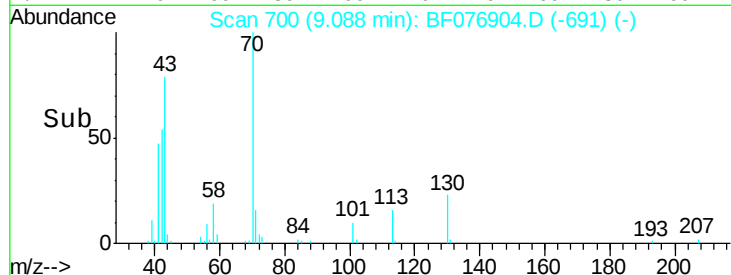
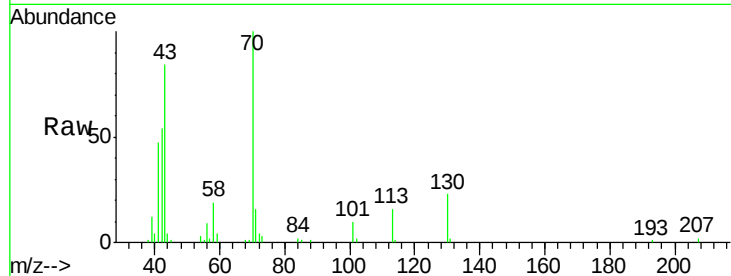
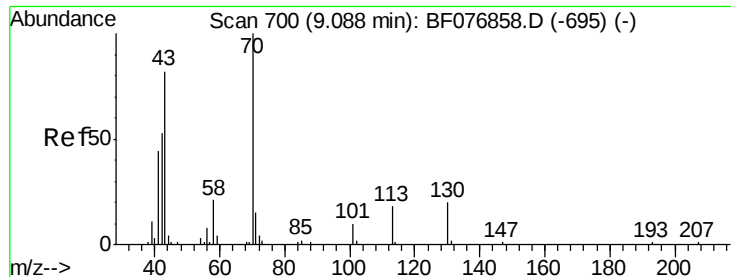
#18
Hexachloroethane
Concen: 31.24 ng
RT: 9.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:117 Resp: 35945
Ion Ratio Lower Upper
117 100
119 82.8 77.1 115.7
201 78.8 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

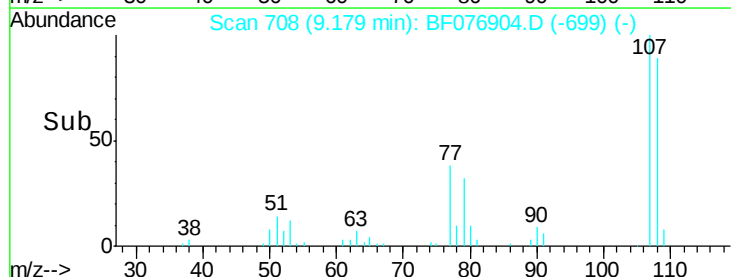
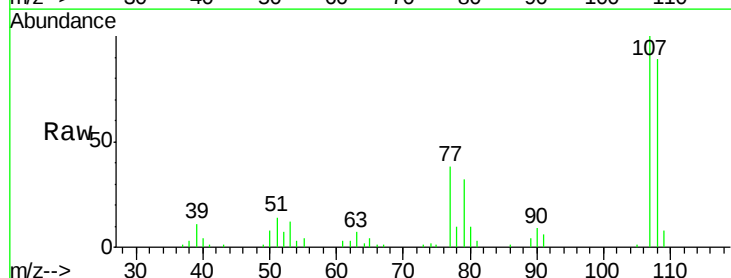
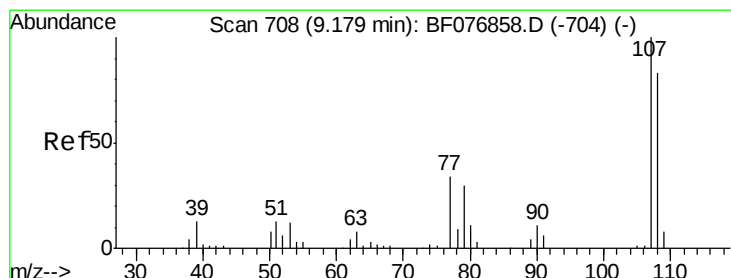
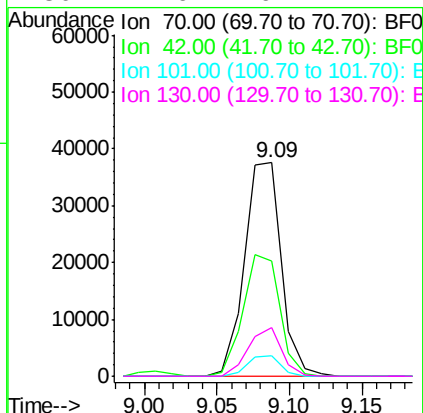




#19
n-Nitroso-di-n-propylamine
Concen: 31.45 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

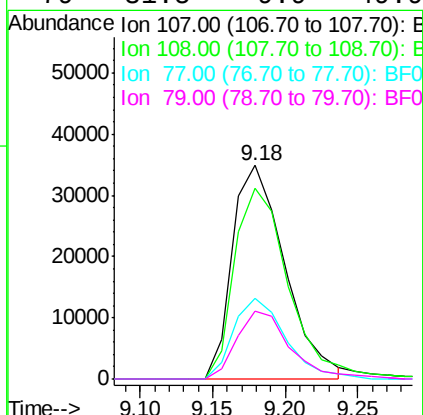
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	66060
Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.1	63.1
101	9.7	7.8	11.8
130	22.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 29.50 ng
RT: 9.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:	107	Resp:	87516
Ion	Ratio	Lower	Upper
107	100		
108	89.1	63.5	103.5
77	37.6	14.0	54.0
79	31.5	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: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 160718

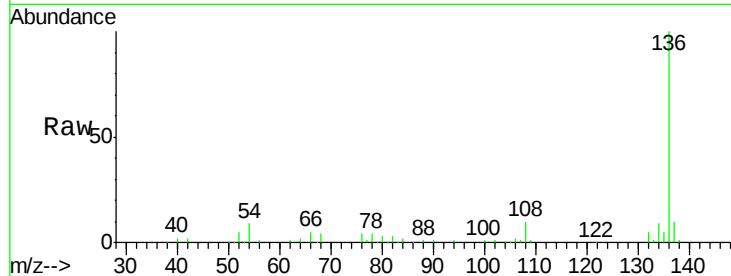
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 8.6 7.0 10.4

68 4.2 3.7 5.5

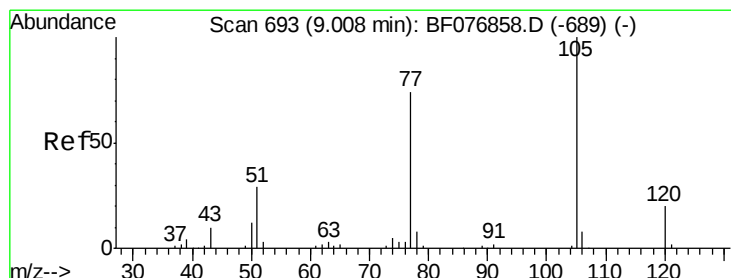
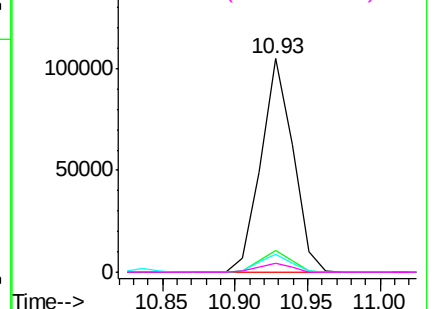
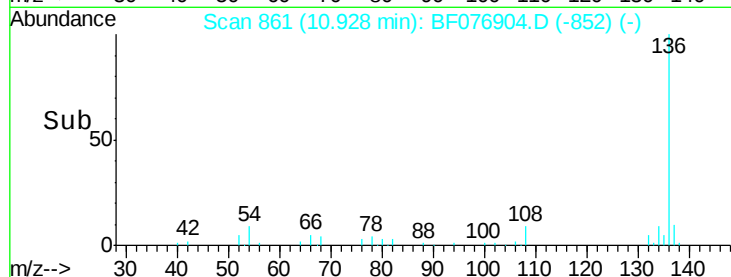


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.41 ng

RT: 9.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Tgt Ion:105 Resp: 135449

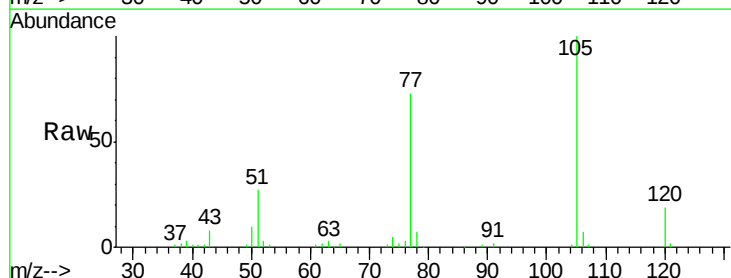
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.3 23.3 34.9

120 19.2 16.1 24.1

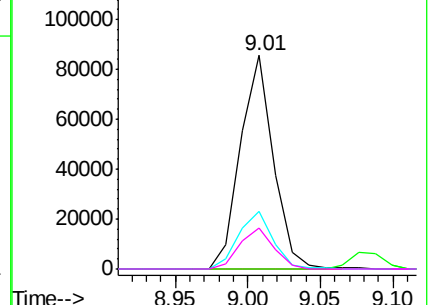
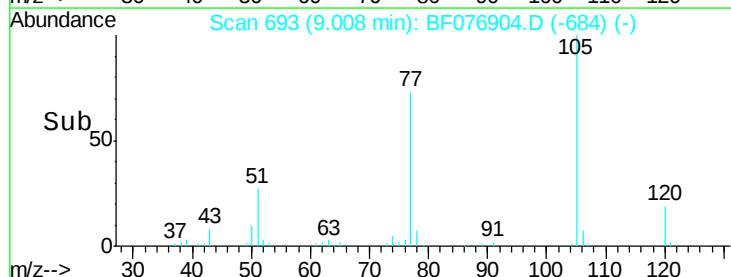


Abundance Ion 105.00 (104.70 to 105.70): E

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

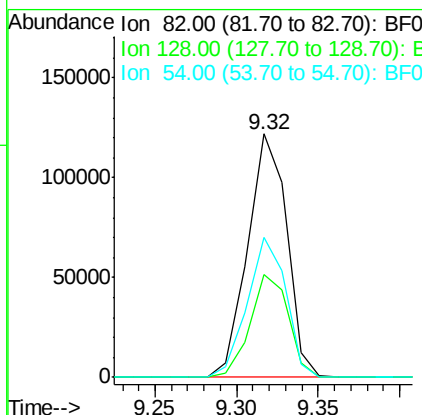
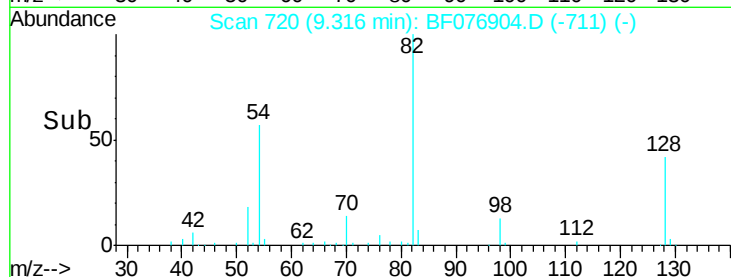
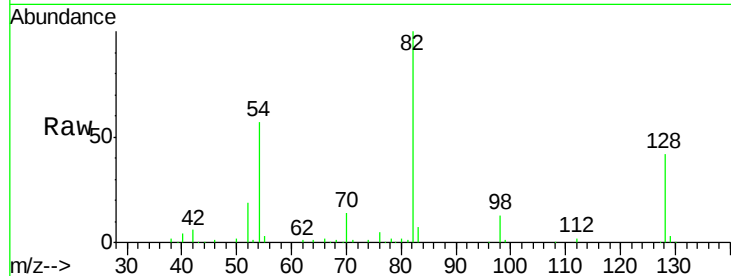




#23
 Nitrobenzene-d5
 Concen: 70.01 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

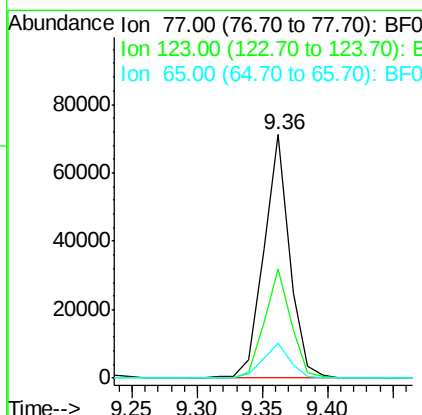
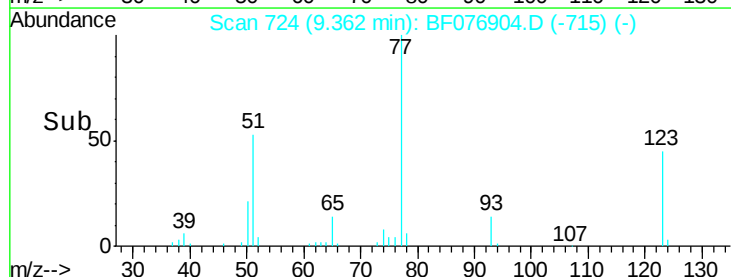
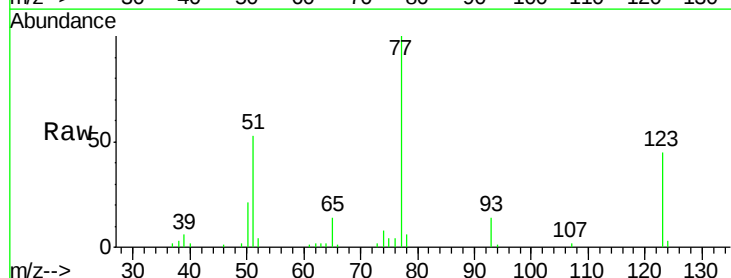
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.1	49.7
54	57.2	48.3	72.5



#24
 Nitrobenzene
 Concen: 33.43 ng
 RT: 9.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.2	52.8
65	14.1	11.4	17.2





#25

Isophorone

Concen: 33.54 ng

RT: 9.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

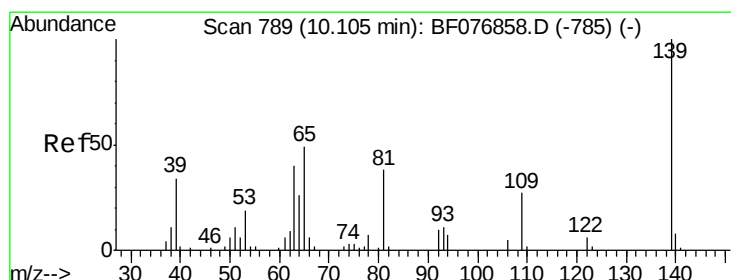
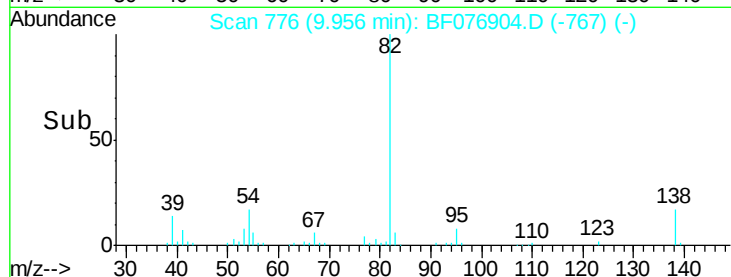
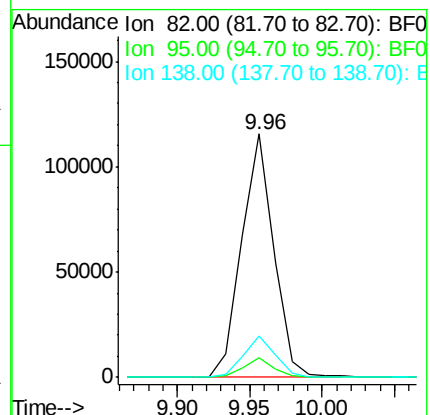
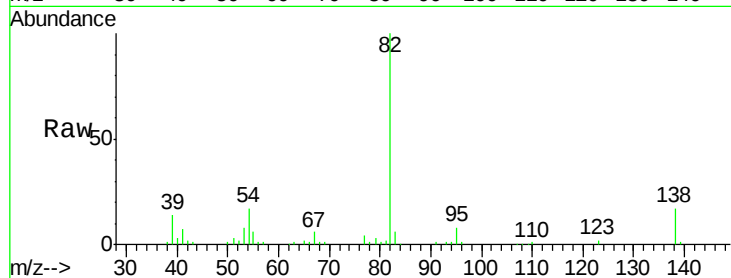
Tot Ion: 82 Resp: 177180

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 17.0 12.6 18.8



#26

2-Nitrophenol

Concen: 31.78 ng

RT: 10.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

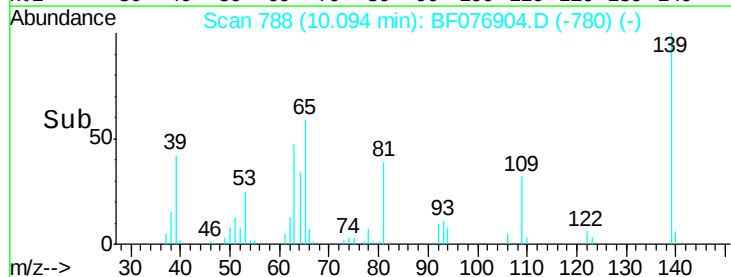
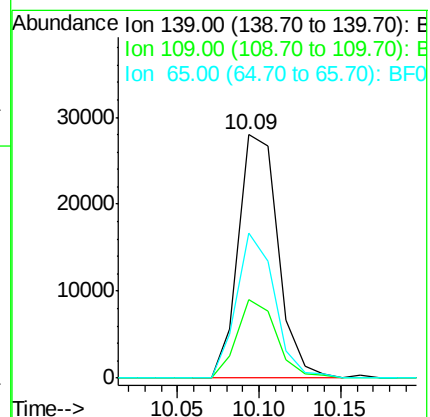
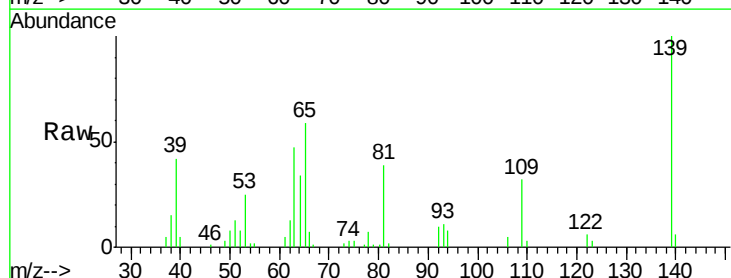
Tgt Ion: 139 Resp: 47164

Ion Ratio Lower Upper

139 100

109 32.4 21.3 31.9#

65 59.4 39.4 59.0#

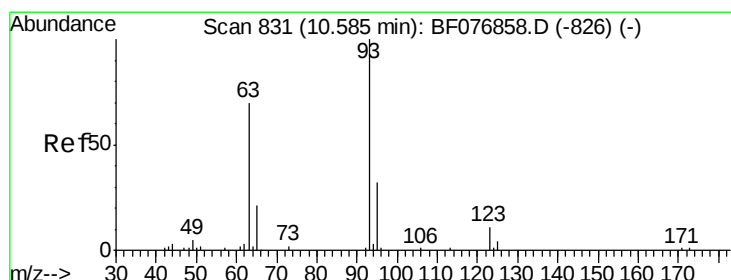
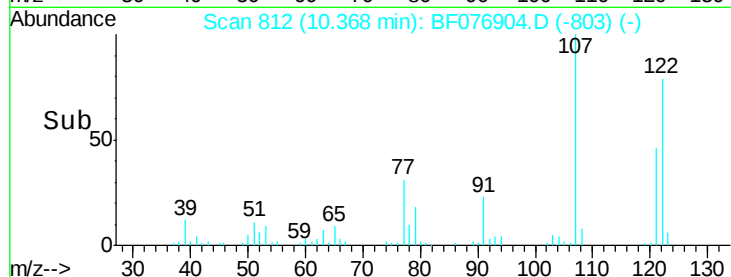
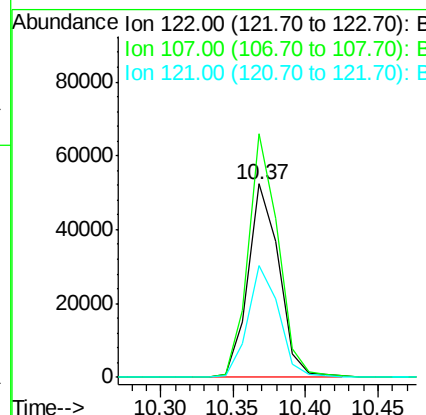
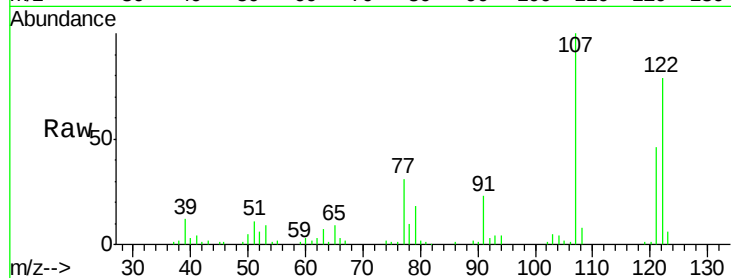




#27
 2,4-Dimethylphenol
 Concen: 34.06 ng
 RT: 10.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

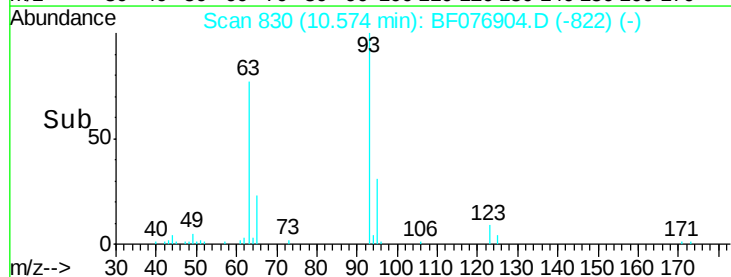
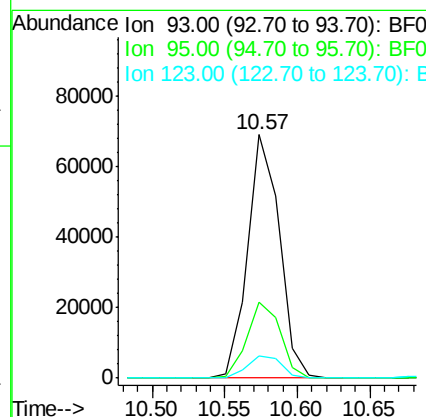
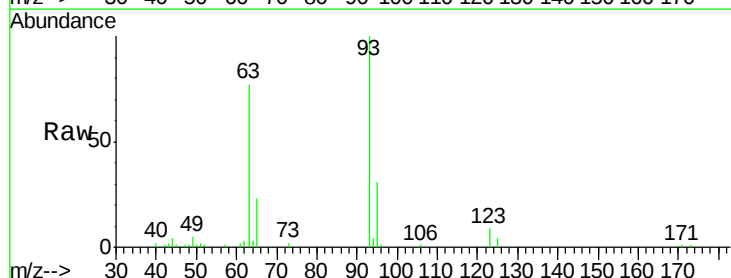
Instrument :
 BNA_F
 ClientSampleId :

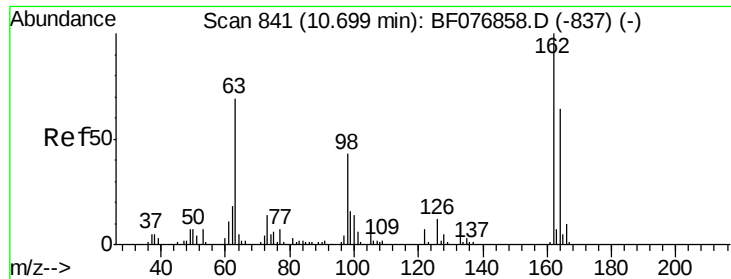
Tot Ion: 122 Resp: 77825
 Ion Ratio Lower Upper
 122 100
 107 125.8 95.2 142.8
 121 57.8 42.9 64.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.95 ng
 RT: 10.57 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion: 93 Resp: 104940
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.6 38.4
 123 9.1 8.9 13.3

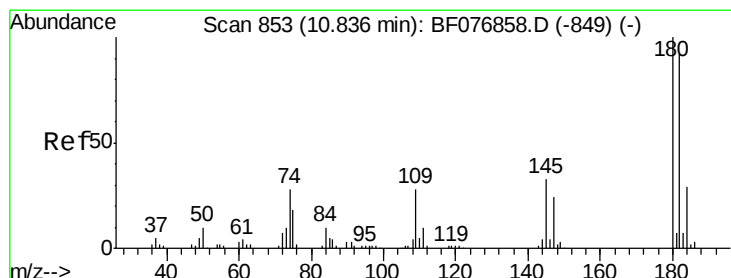
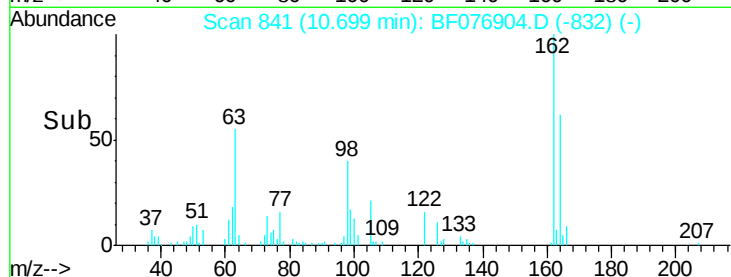
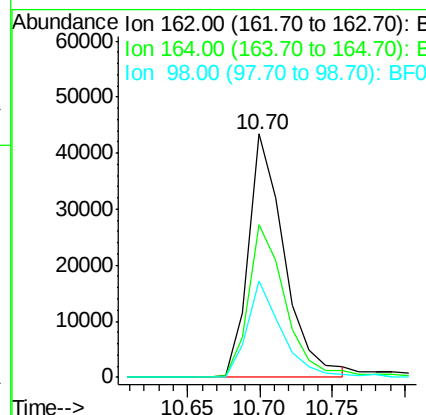
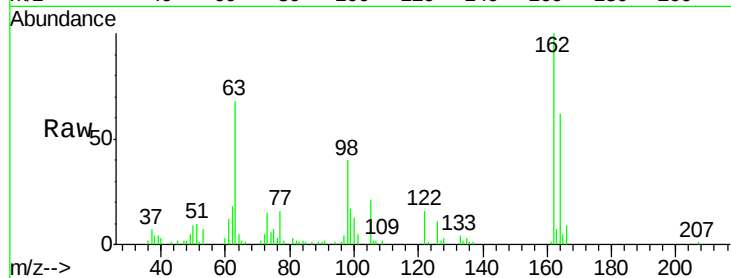




#29
 2,4-Dichlorophenol
 Concen: 35.10 ng
 RT: 10.70 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

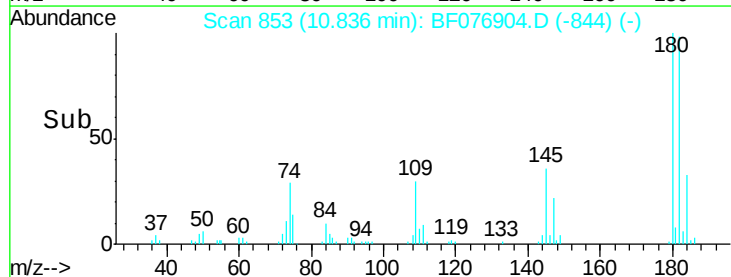
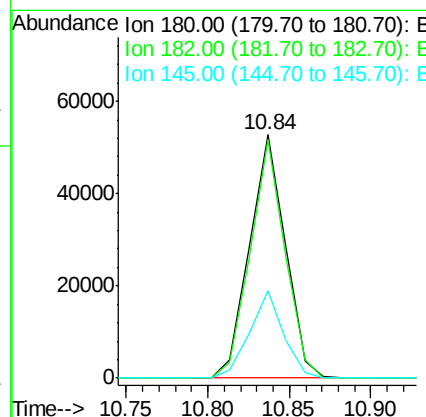
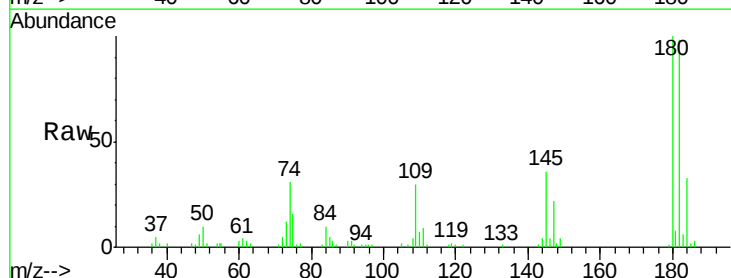
Instrument :
 BNA_F
 ClientSampleId :

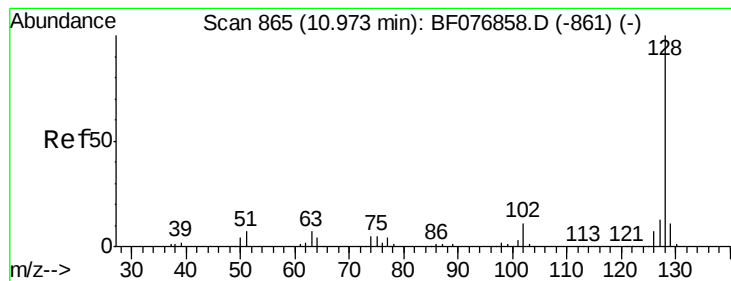
Tot Ion:162 Resp: 74770
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.8 83.8
 98 39.6 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.87 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:180 Resp: 80126
 Ion Ratio Lower Upper
 180 100
 182 97.9 73.6 110.4
 145 35.8 26.6 39.8





#31

Naphthalene

Concen: 32.47 ng

RT: 10.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampled :

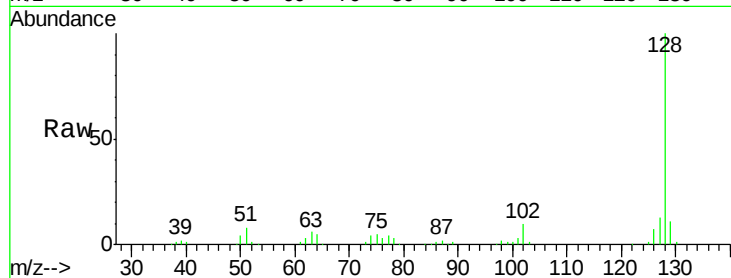
Tot Ion:128 Resp: 268673

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

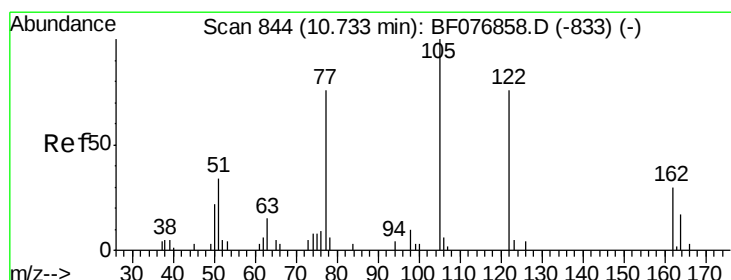
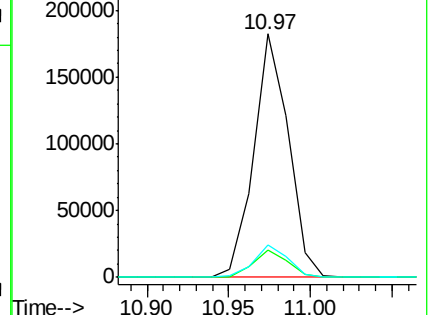
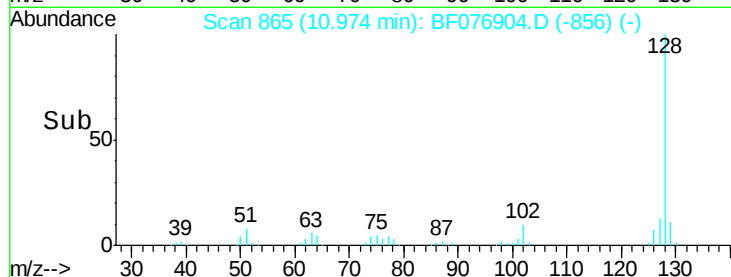
127 13.2 10.2 15.2



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: 18.91 ng

RT: 10.71 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

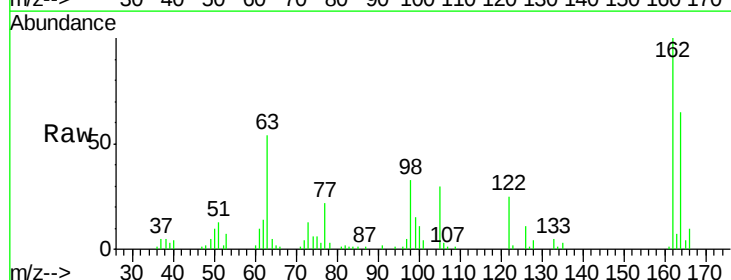
Tgt Ion:122 Resp: 23939

Ion Ratio Lower Upper

122 100

105 122.2 111.3 151.3

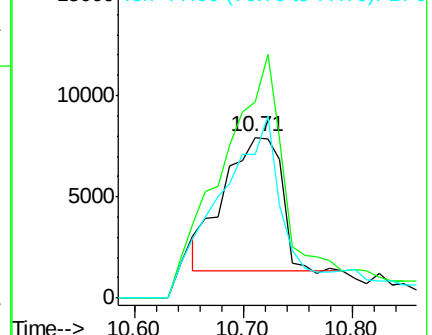
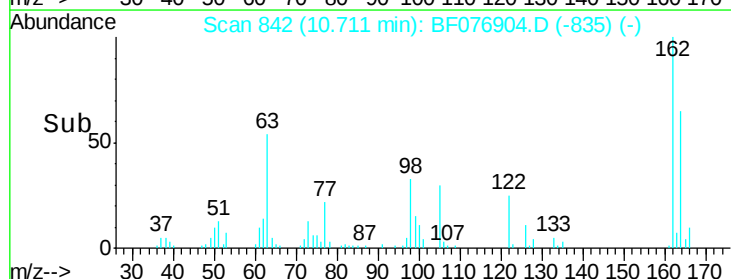
77 89.2 79.2 119.2



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

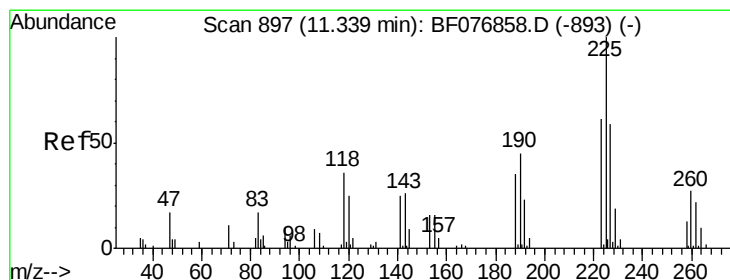
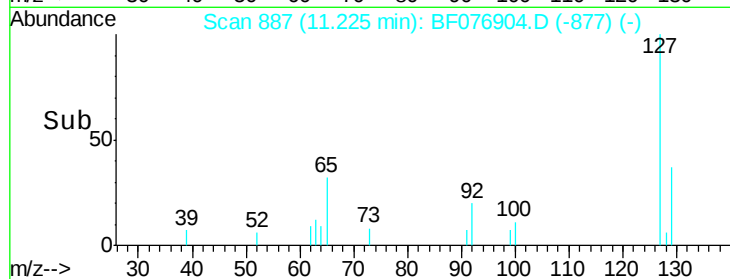
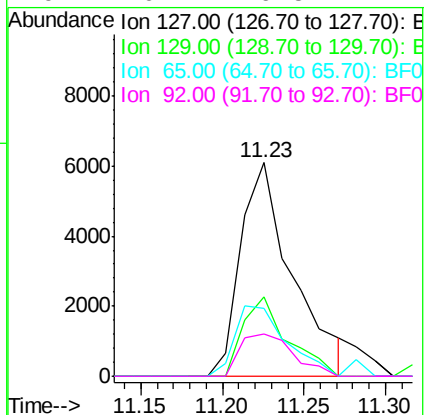
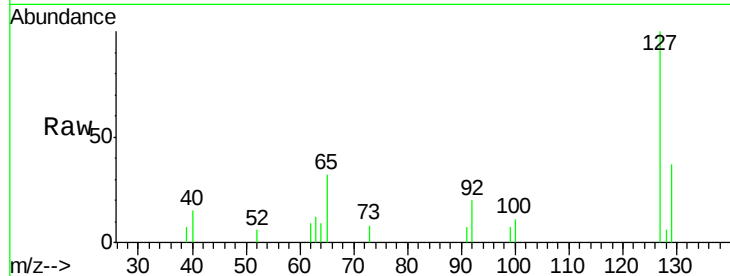




#33
4-Chloroaniline
Concen: 4.03 ng
RT: 11.23 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

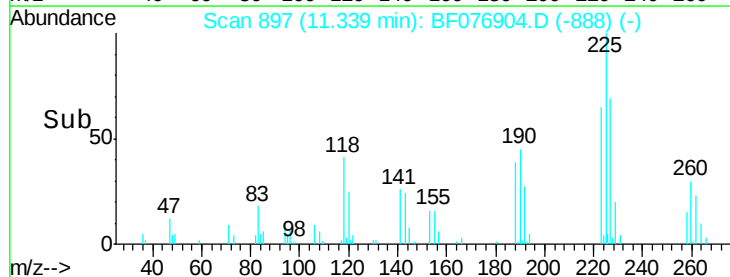
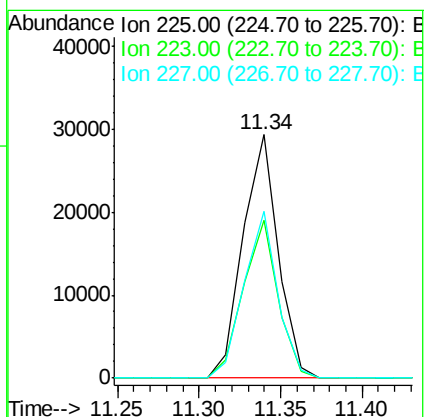
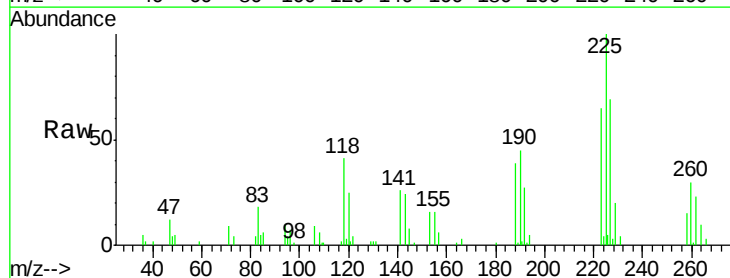
Instrument :
BNA_F
ClientSampleId :

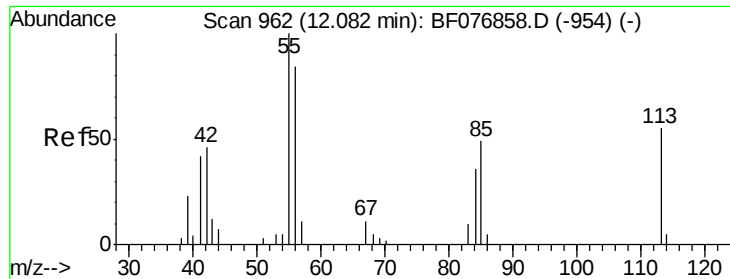
Tot Ion:	127	Resp:	13459
Ion	Ratio	Lower	Upper
127	100		
129	36.9	25.3	37.9
65	31.6	27.8	41.6
92	20.1	16.5	24.7



#34
Hexachlorobutadiene
Concen: 31.12 ng
RT: 11.34 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:	225	Resp:	43682
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.1	73.7
227	68.7	47.5	71.3

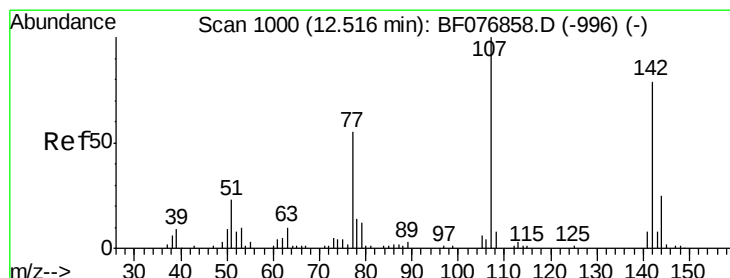
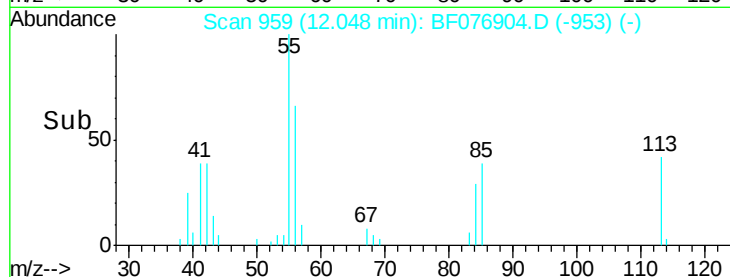
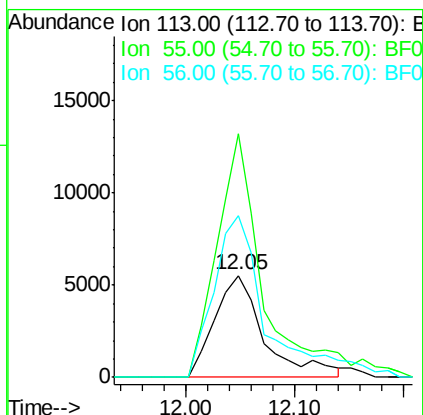
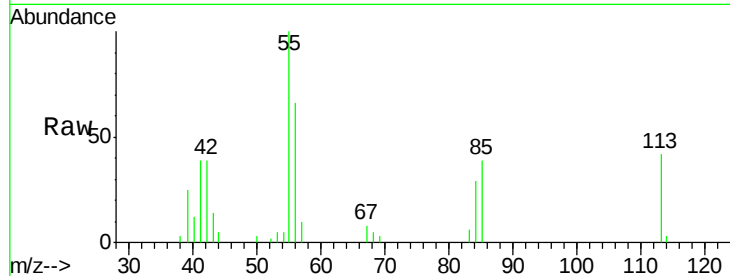




#35
 Caprolactam
 Concen: 27.81 ng
 RT: 12.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

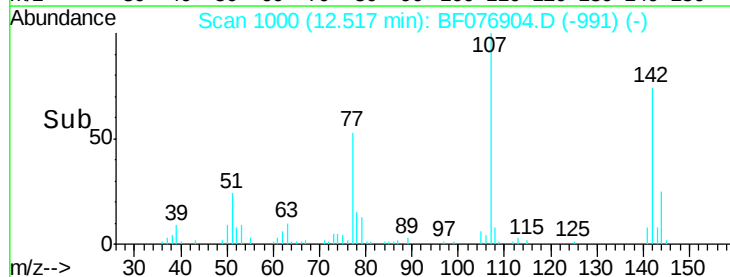
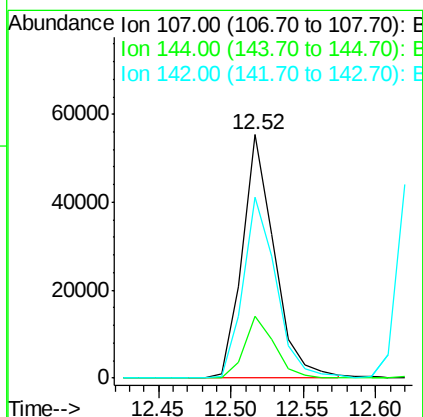
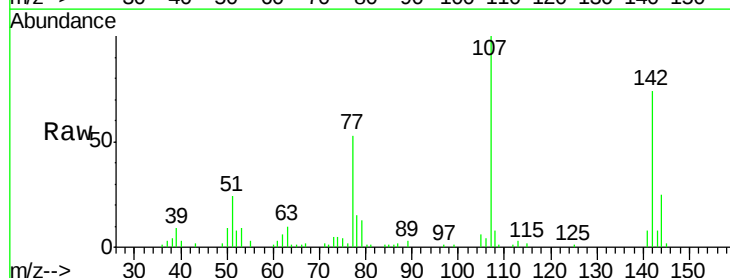
Instrument :
 BNA_F
 ClientSampleId :

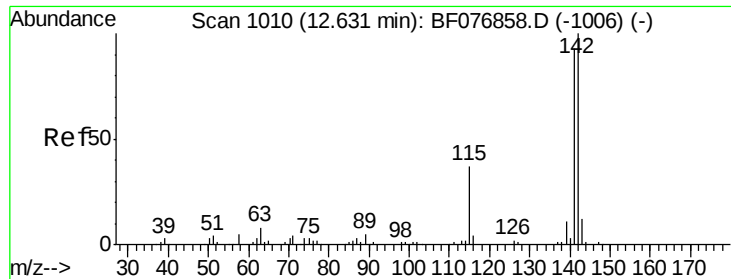
Tot Ion:113 Resp: 17438
 Ion Ratio Lower Upper
 113 100
 55 238.9 162.1 202.1#
 56 158.4 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 34.88 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:107 Resp: 85061
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 74.5 63.5 95.3

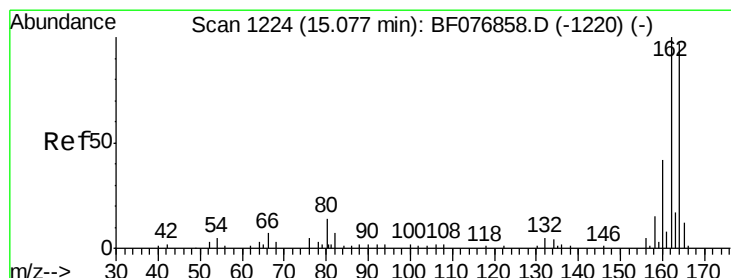
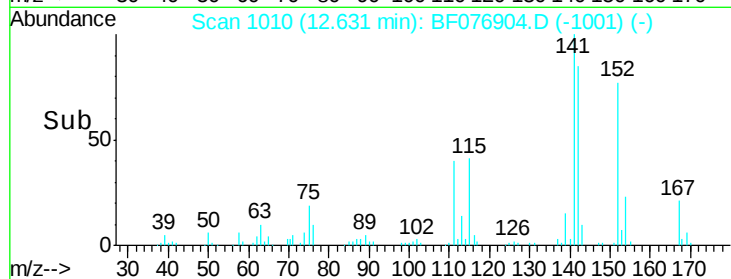
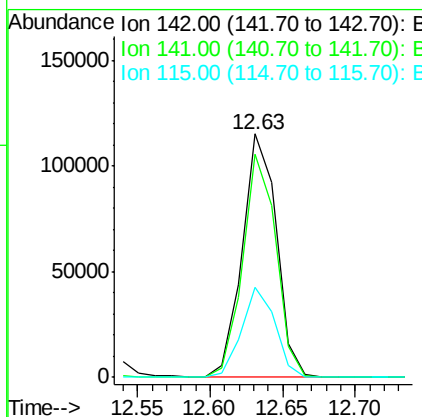
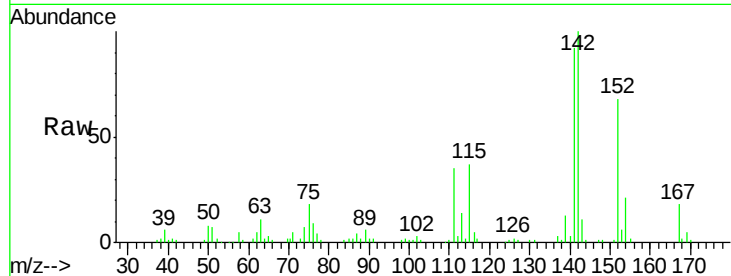




#37
2-Methylnaphthalene
Concen: 33.49 ng
RT: 12.63 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

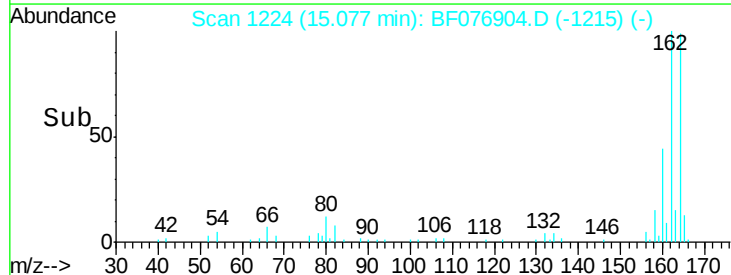
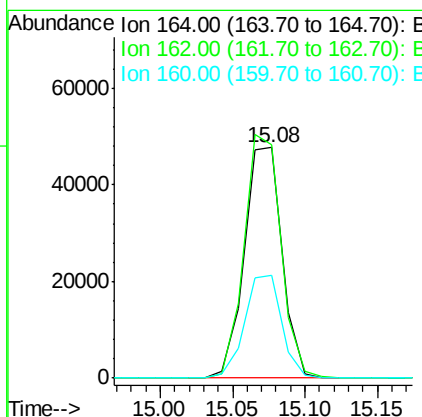
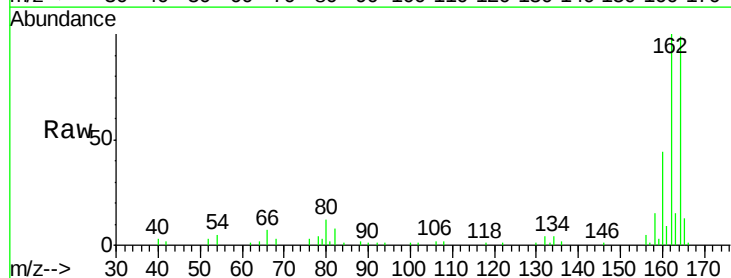
Instrument :
BNA_F
ClientSampleId :

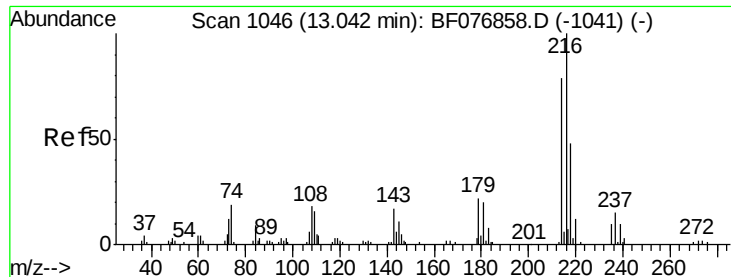
Tot Ion:142 Resp: 189227
Ion Ratio Lower Upper
142 100
141 91.8 74.5 111.7
115 37.0 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:164 Resp: 85969
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 44.6 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.87 ng

RT: 13.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 74107

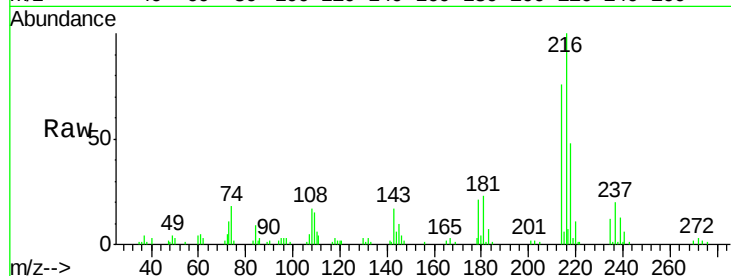
Ion Ratio Lower Upper

216 100

214 78.7 64.9 97.3

179 23.0 18.6 28.0

108 25.3 18.1 27.1

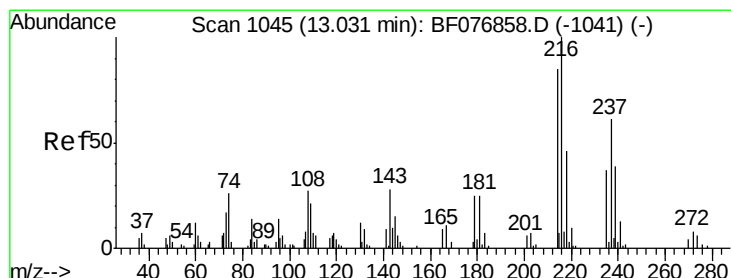
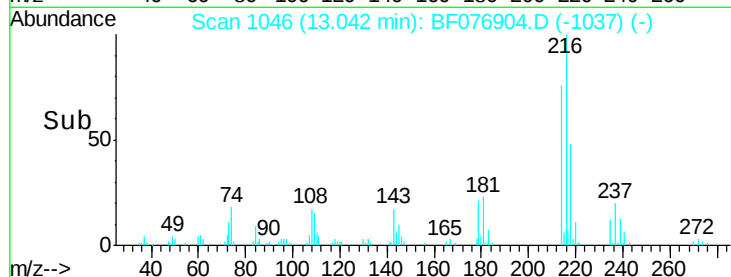
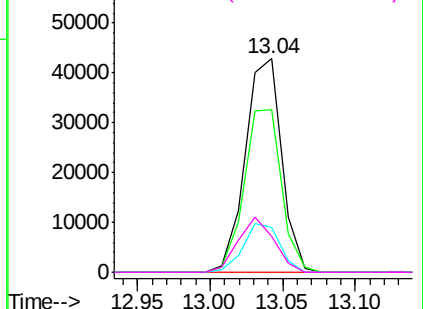


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.59 ng

RT: 13.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

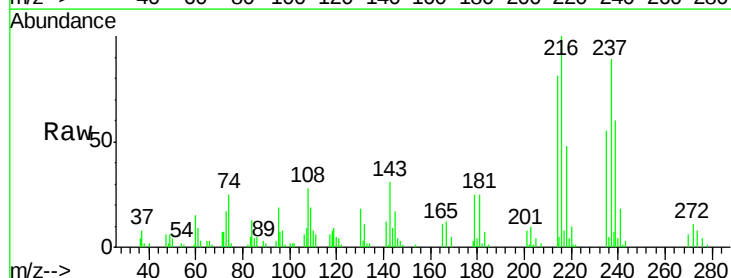
Tgt Ion:237 Resp: 60697

Ion Ratio Lower Upper

237 100

235 61.1 40.4 80.4

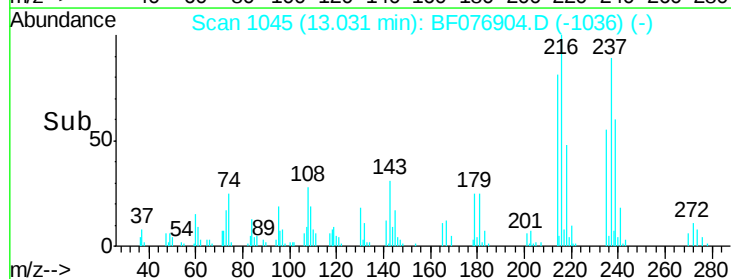
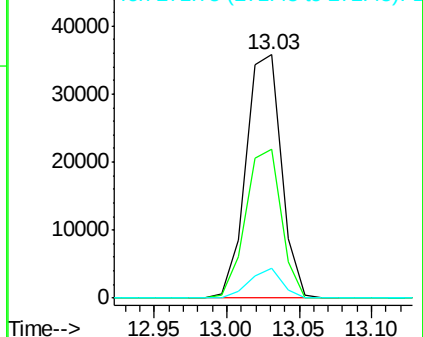
272 12.2 0.0 33.2

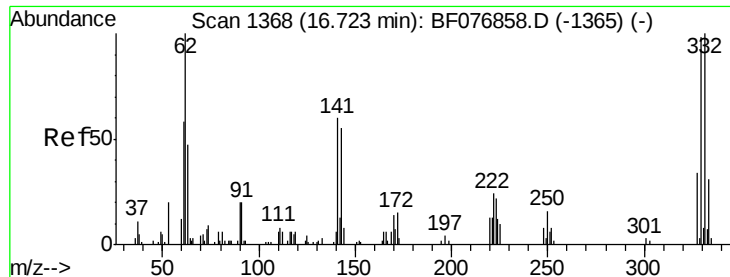


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

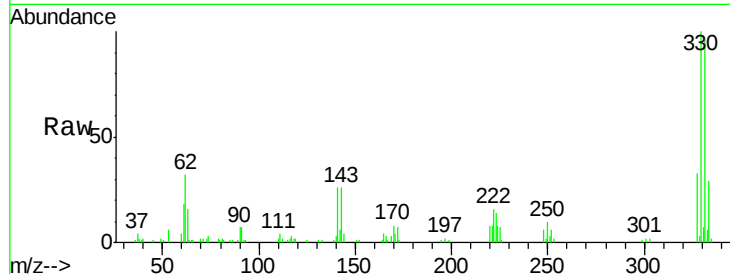




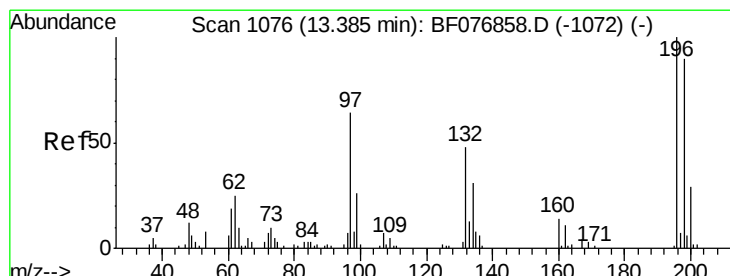
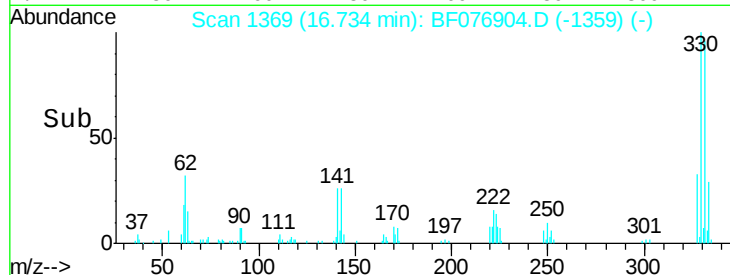
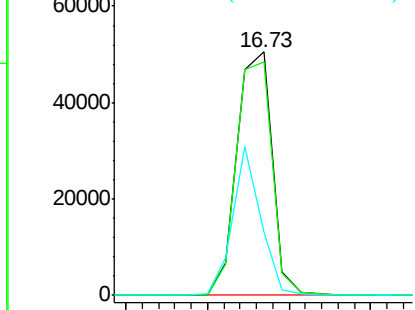
#41
 2,4,6-Tribromophenol
 Concen: 107.73 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 75176
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.8 116.6
 141 49.0 38.5 57.7

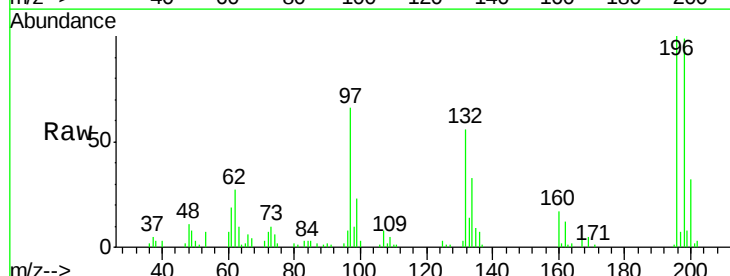


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

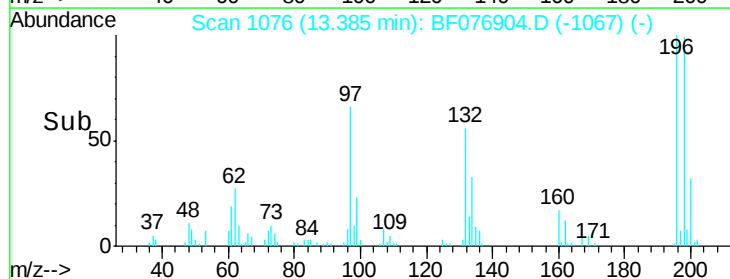
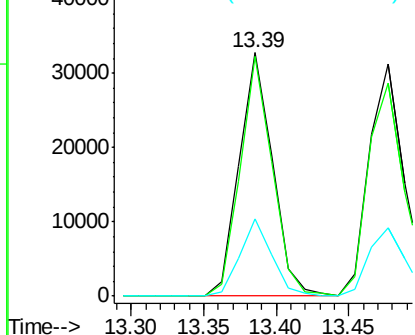


#42
 2,4,6-Trichlorophenol
 Concen: 33.82 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:196 Resp: 52374
 Ion Ratio Lower Upper
 196 100
 198 98.6 72.0 108.0
 200 31.7 23.4 35.2



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

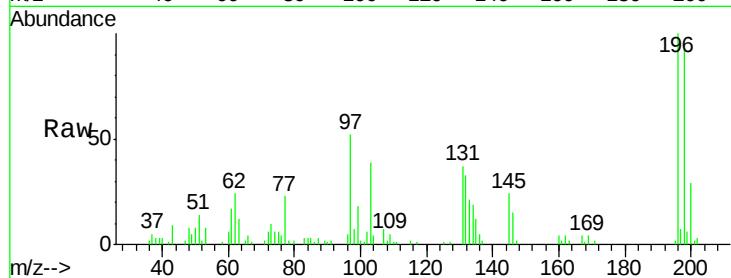




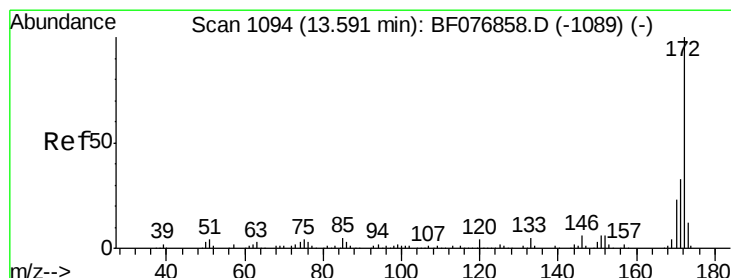
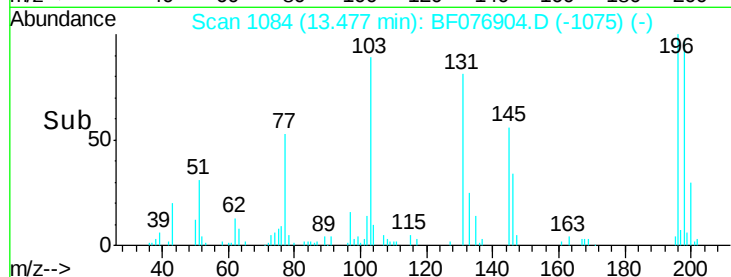
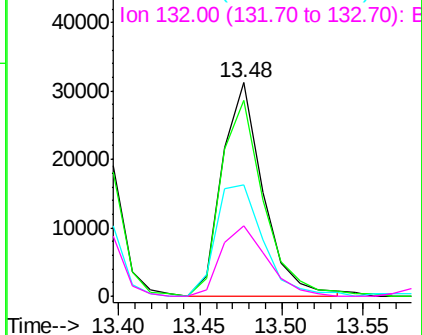
#43
2,4,5-Trichlorophenol
Concen: 34.49 ng
RT: 13.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 54482
Ion Ratio Lower Upper
196 100
198 91.9 76.6 115.0
97 51.9 43.4 65.0
132 33.2 23.7 35.5

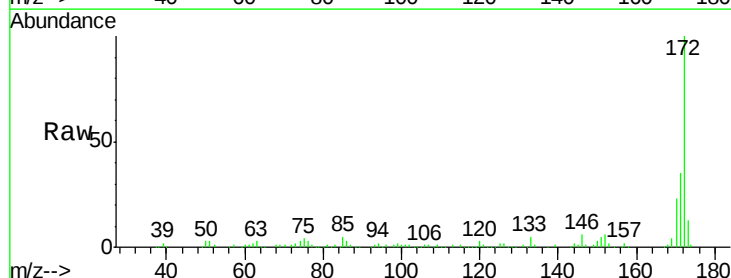


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

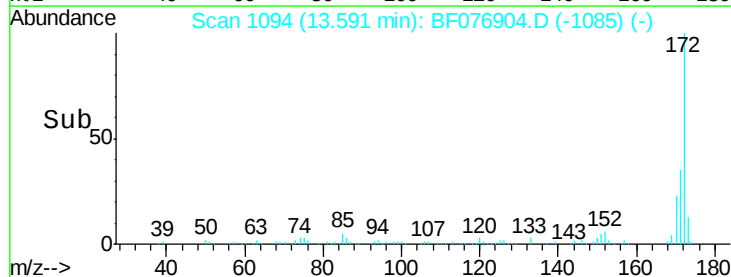
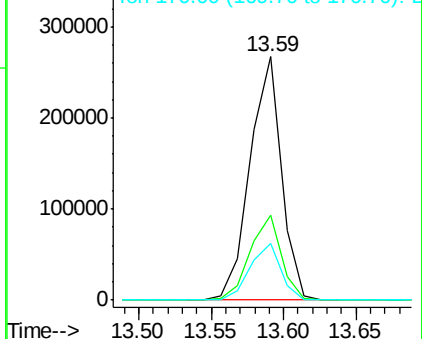


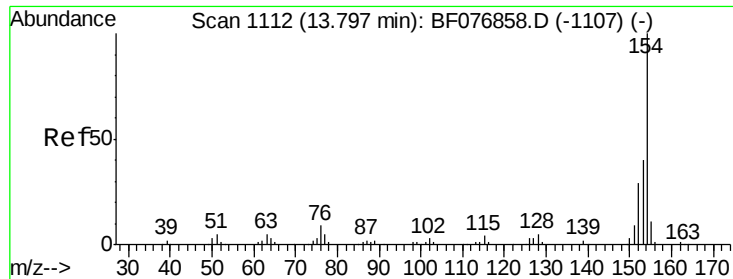
#44
2-Fluorobiphenyl
Concen: 71.06 ng
RT: 13.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:172 Resp: 401456
Ion Ratio Lower Upper
172 100
171 35.0 26.6 40.0
170 23.5 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

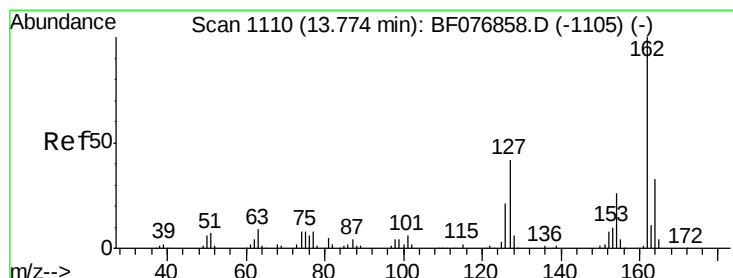
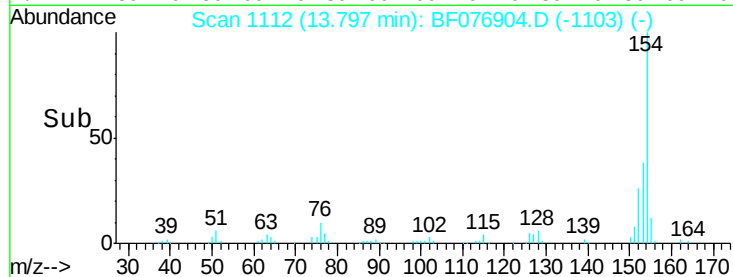
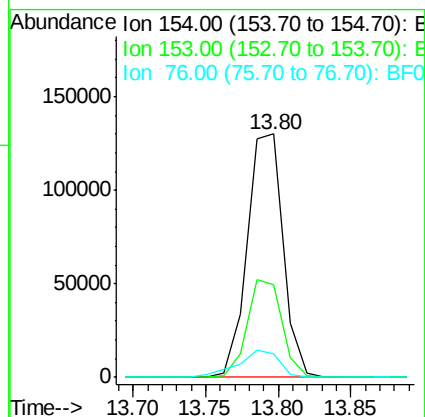
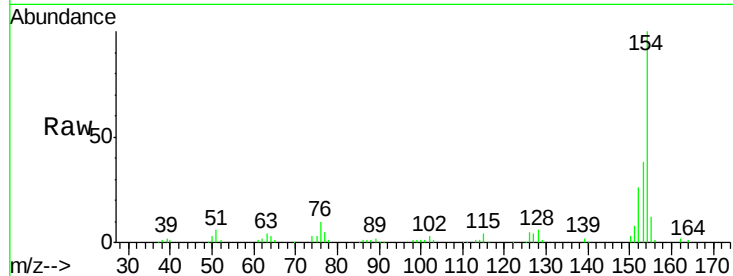




#45
 1,1'-Biphenyl
 Concen: 34.96 ng
 RT: 13.80 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

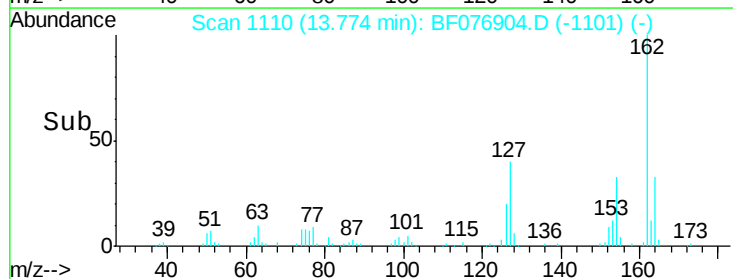
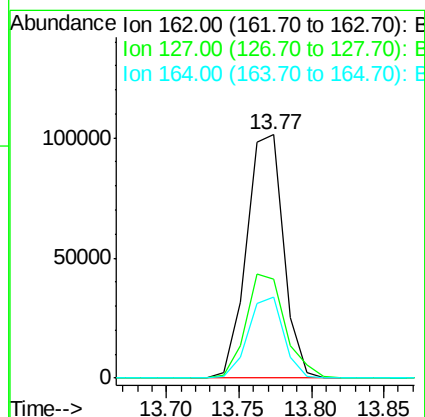
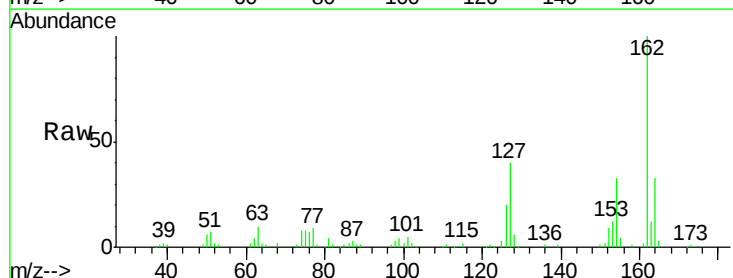
Instrument :
 BNA_F
 ClientSampleId :

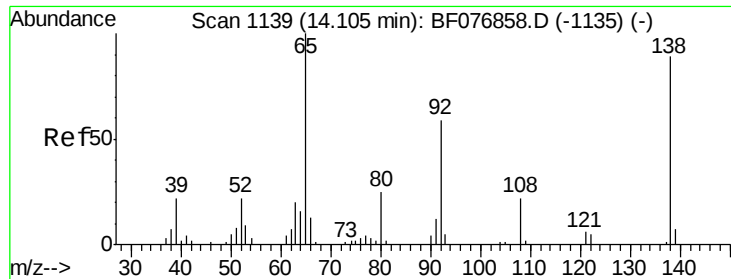
Tot Ion:	154	Resp:	222778
Ion	Ratio	Lower	Upper
154	100		
153	38.1	20.2	60.2
76	9.5	0.0	29.0



#46
 2-Chloronaphthalene
 Concen: 34.11 ng
 RT: 13.77 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:	162	Resp:	178870
Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.8	50.6
164	33.1	26.8	40.2





#47

2-Nitroaniline

Concen: 33.79 ng

RT: 14.11 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

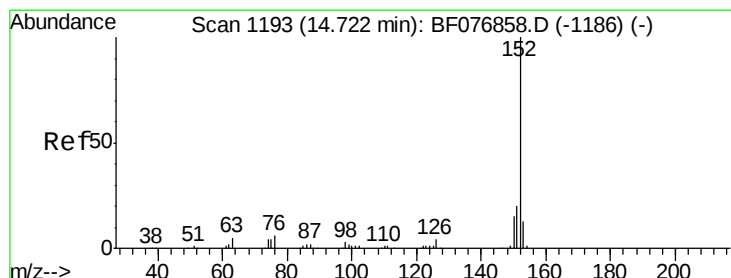
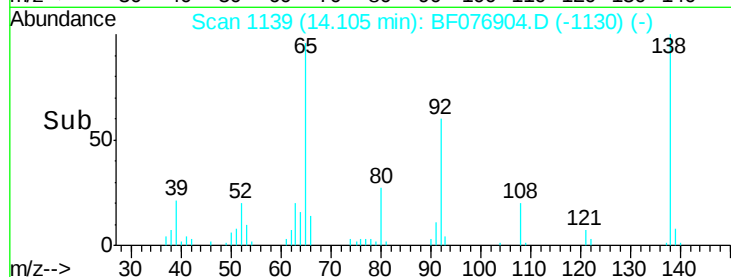
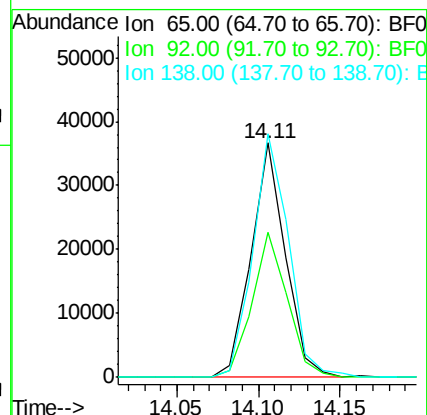
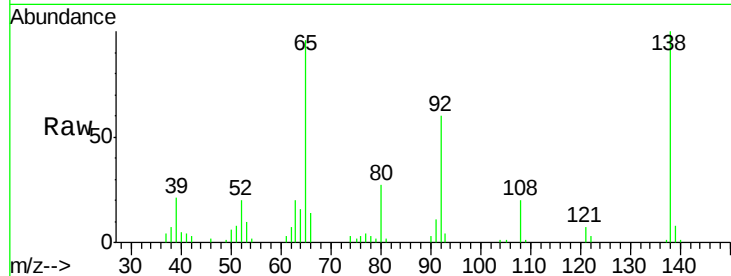
Tot Ion: 65 Resp: 53756

Ion	Ratio	Lower	Upper
65	100		
92	61.8	47.3	70.9
138	103.8	71.4	107.2

65 100

92 61.8 47.3 70.9

138 103.8 71.4 107.2



#48

Acenaphthylene

Concen: 32.69 ng

RT: 14.72 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

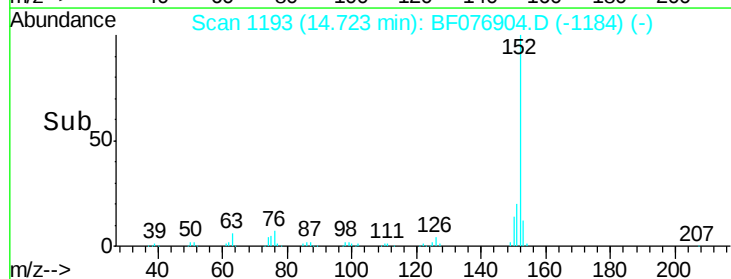
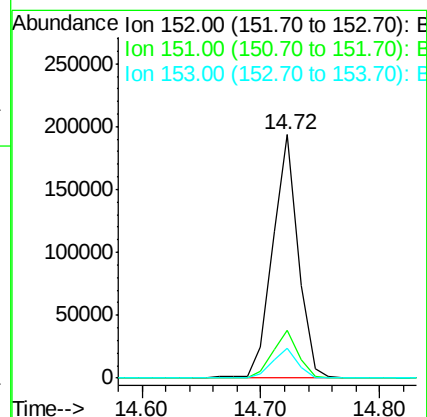
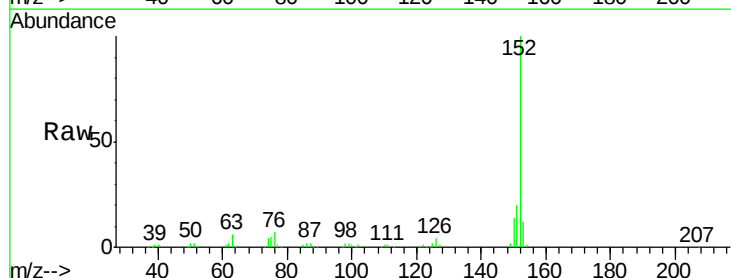
Tgt Ion: 152 Resp: 289178

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.0	10.2	15.4

152 100

151 19.7 15.9 23.9

153 12.0 10.2 15.4

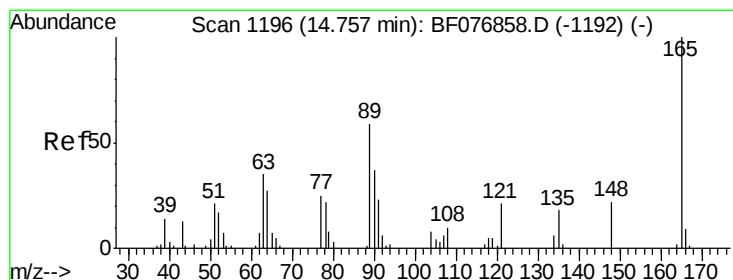
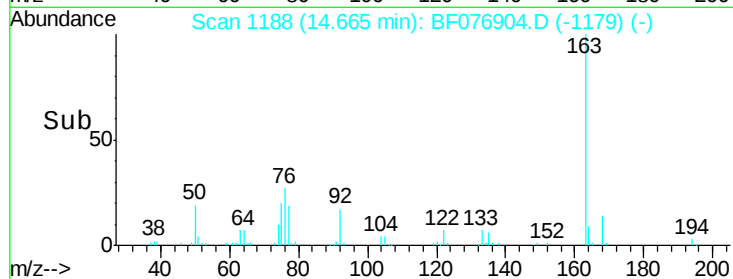
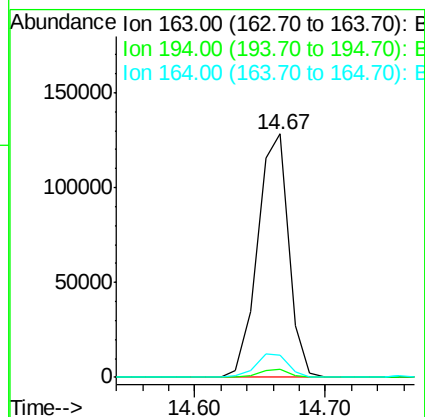
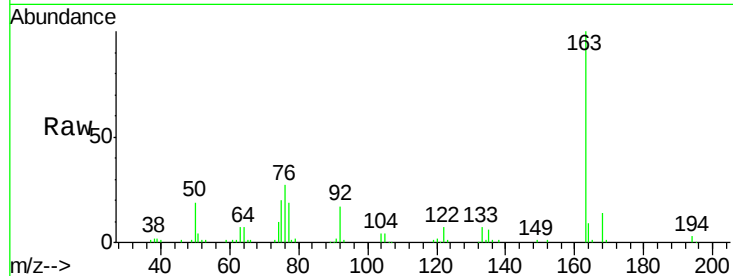




#49
Dimethylphthalate
Concen: 35.04 ng
RT: 14.67 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

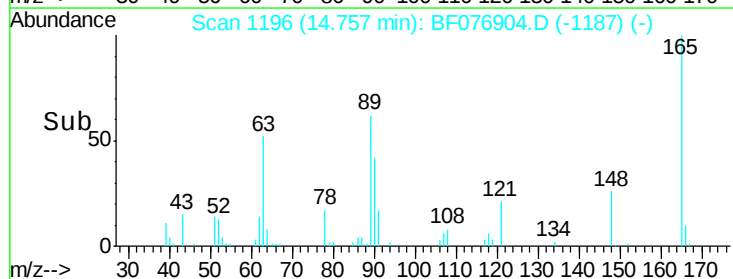
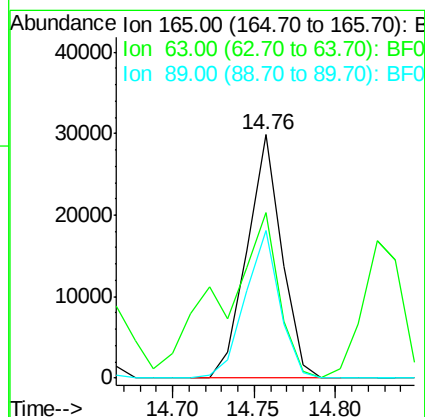
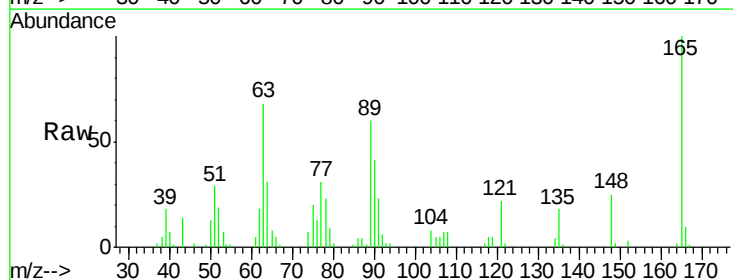
Instrument :
BNA_F
ClientSampleId :

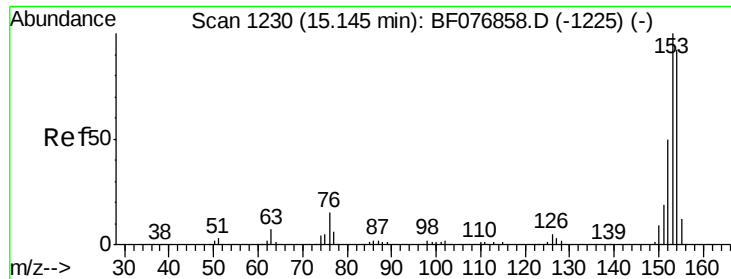
Tot Ion:163 Resp: 213636
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.3 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 36.06 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:165 Resp: 43928
Ion Ratio Lower Upper
165 100
63 68.1 48.1 72.1
89 60.5 47.2 70.8





#51

Acenaphthene

Concen: 32.45 ng

RT: 15.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

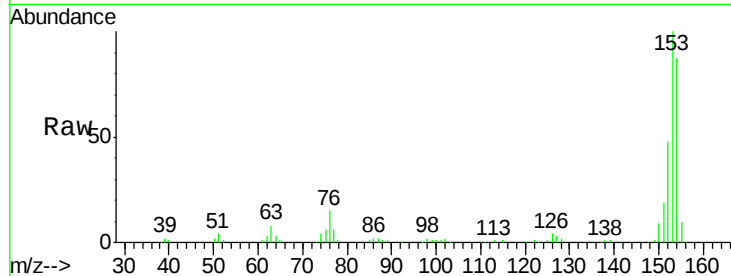
Tot Ion:154 Resp: 162893

Ion Ratio Lower Upper

154 100

153 114.6 87.0 130.6

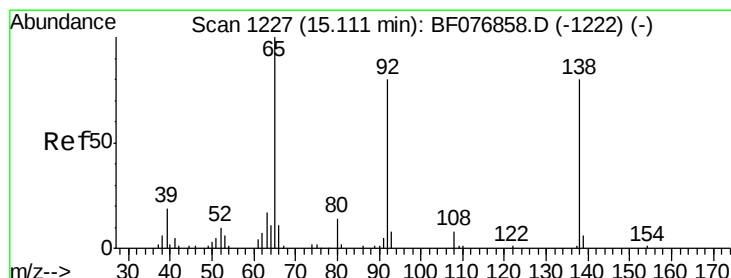
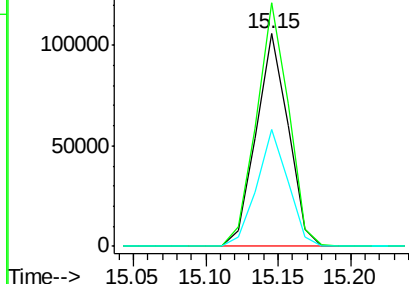
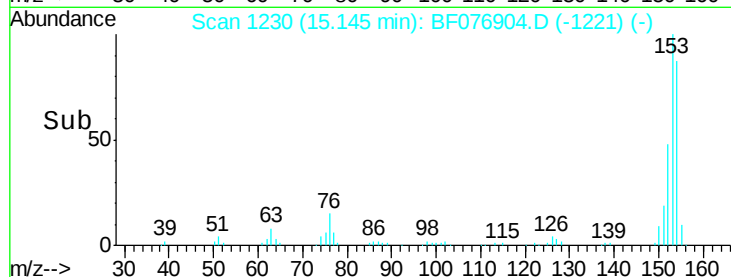
152 55.0 43.5 65.3



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: 7.17 ng

RT: 15.10 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

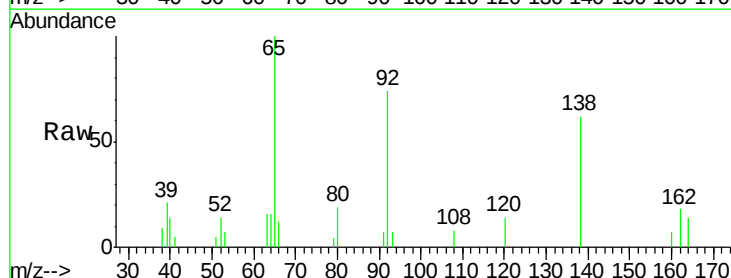
Tgt Ion:138 Resp: 8853

Ion Ratio Lower Upper

138 100

108 12.3 8.3 12.5

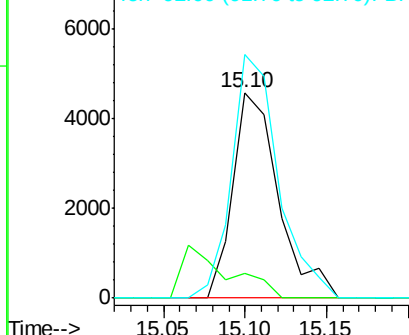
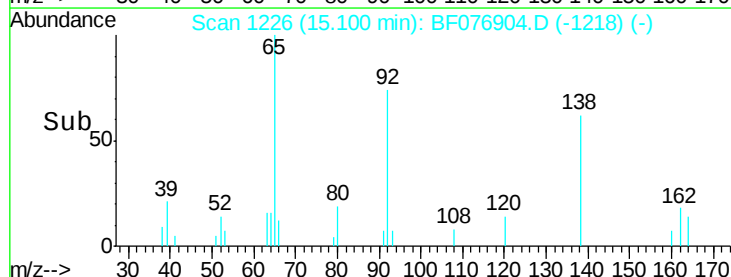
92 118.3 80.9 121.3



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

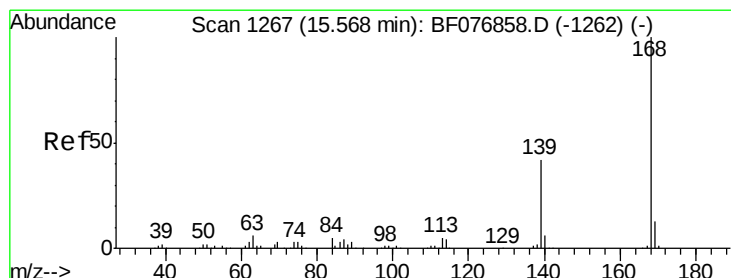
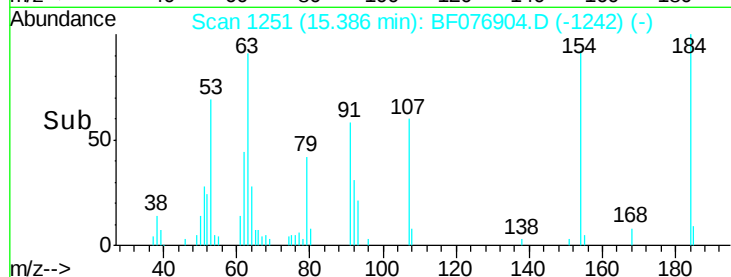
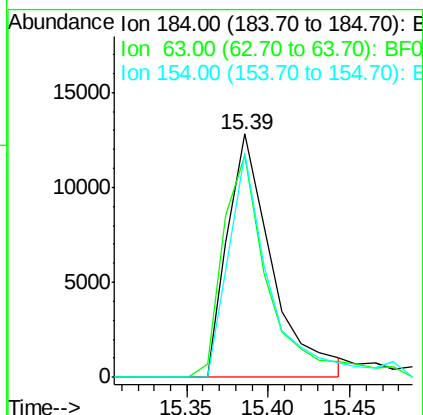
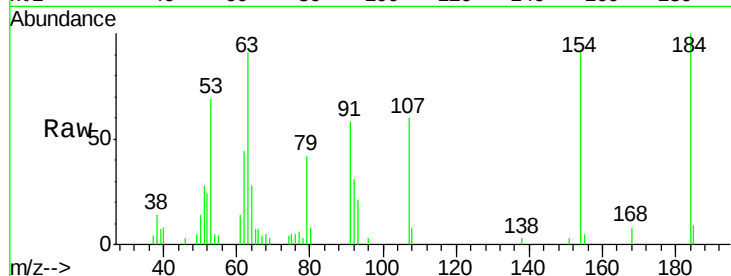




#53
2,4-Dinitrophenol
Concen: 48.02 ng
RT: 15.39 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

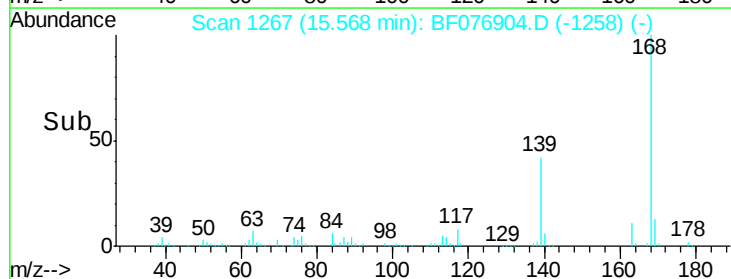
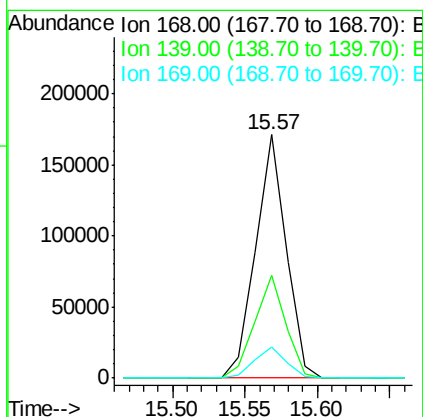
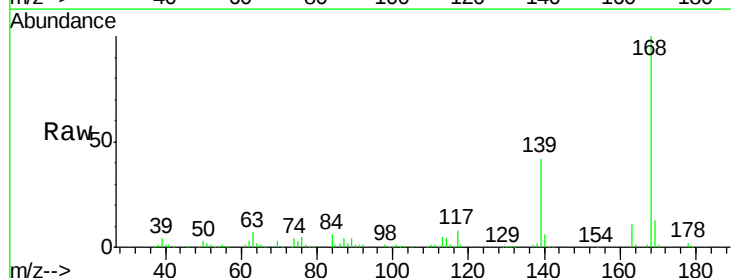
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 24304
Ion Ratio Lower Upper
184 100
63 91.3 63.0 94.6
154 92.0 65.5 98.3



#54
Dibenzofuran
Concen: 34.34 ng
RT: 15.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:168 Resp: 251054
Ion Ratio Lower Upper
168 100
139 42.4 33.4 50.2
169 13.0 10.6 15.8

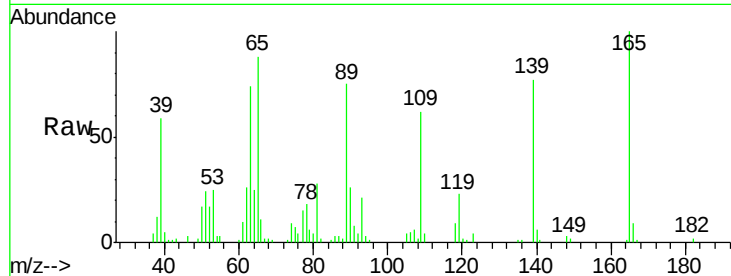




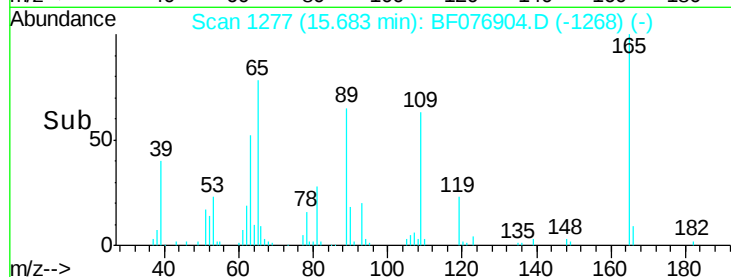
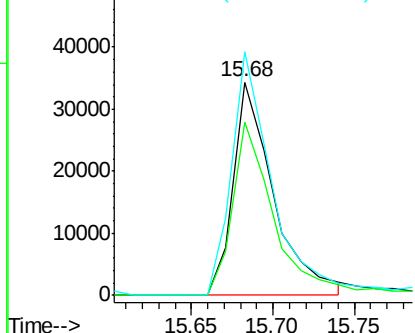
#55
4-Nitrophenol
Concen: 61.82 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 59077
Ion Ratio Lower Upper
139 100
109 81.3 61.0 101.0
65 114.3 96.6 136.6

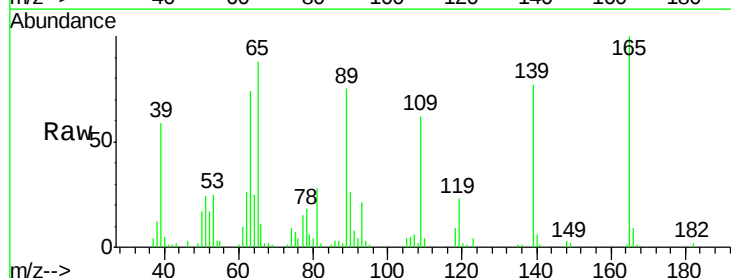


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

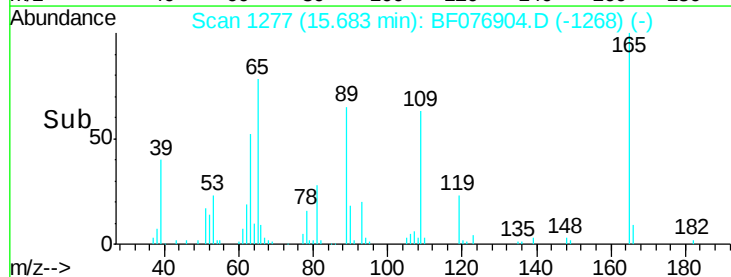
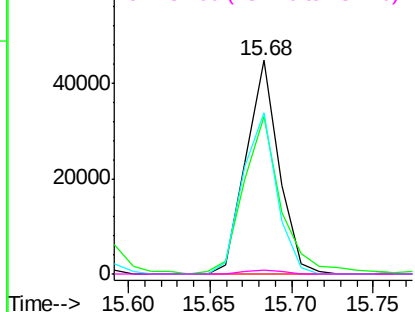


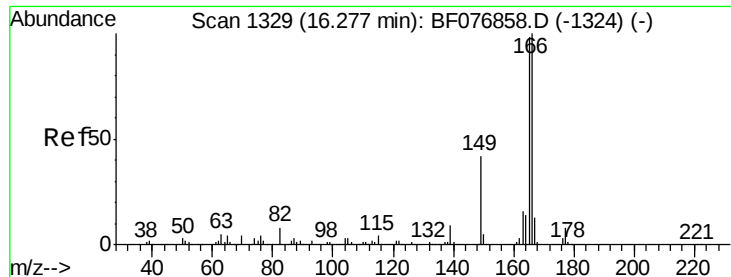
#56
2,4-Dinitrotoluene
Concen: 34.89 ng
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:165 Resp: 62602
Ion Ratio Lower Upper
165 100
63 73.9 44.8 67.2#
89 75.2 56.2 84.2
182 2.0 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

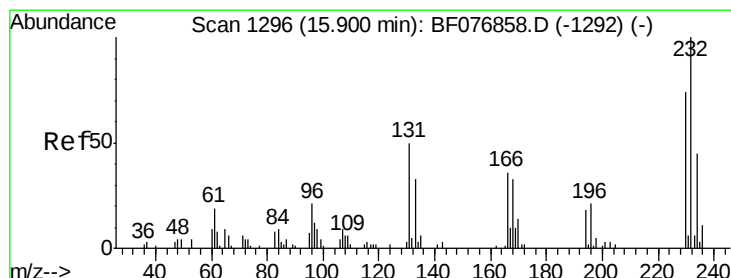
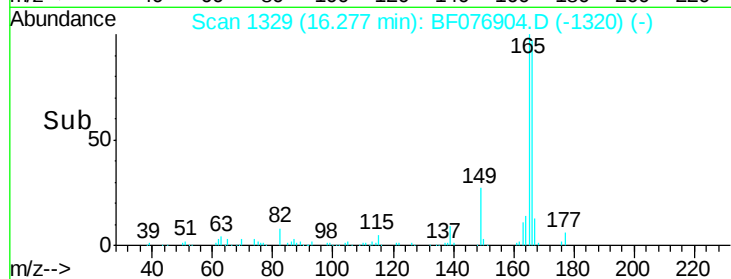
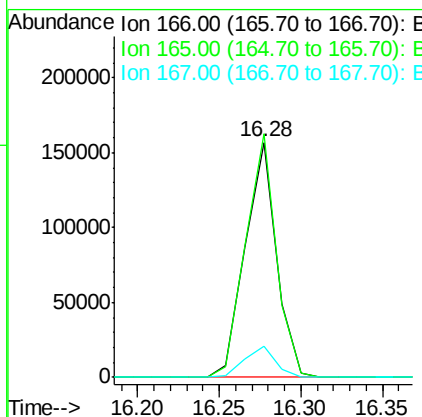
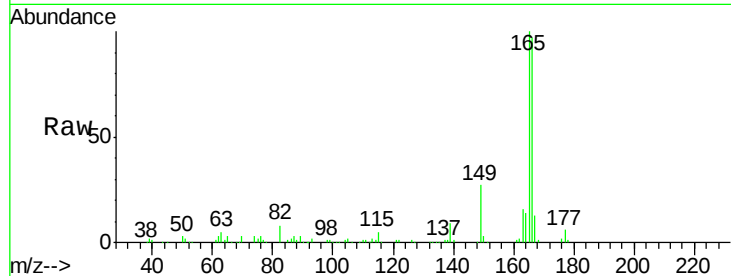




#57
Fluorene
 Concen: 33.69 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

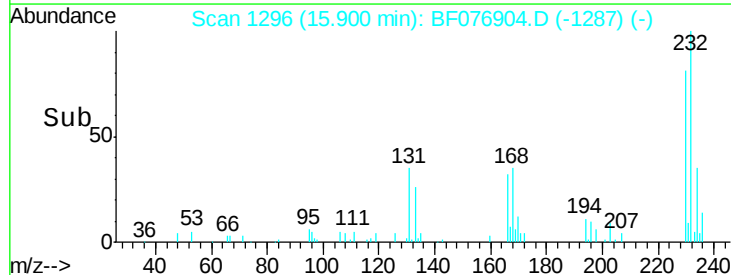
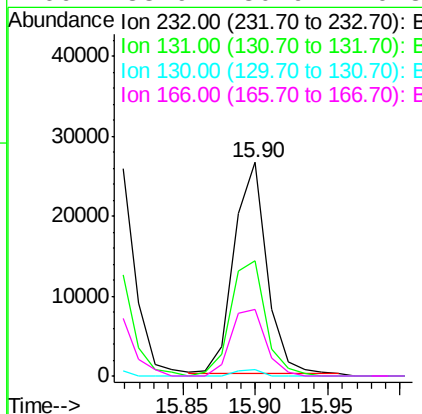
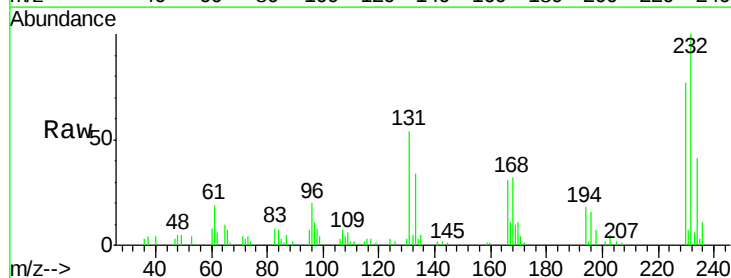
Instrument :
 BNA_F
 ClientSampleId :

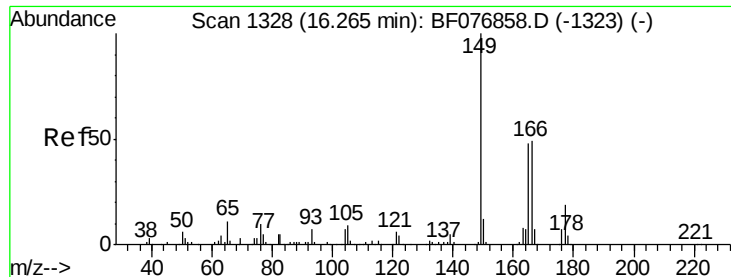
Tot Ion:166 Resp: 208698
 Ion Ratio Lower Upper
 166 100
 165 103.5 78.5 117.7
 167 13.0 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.67 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:232 Resp: 41018
 Ion Ratio Lower Upper
 232 100
 131 59.0 45.0 67.6
 130 2.4 2.6 3.8#
 166 33.9 30.9 46.3

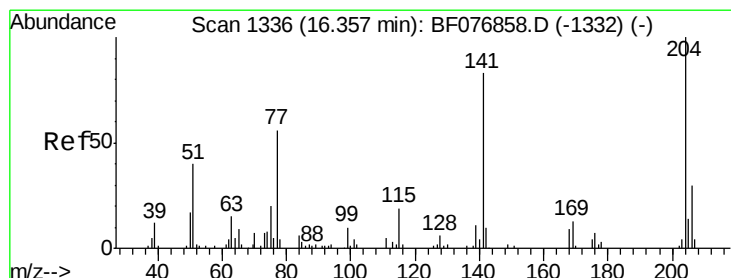
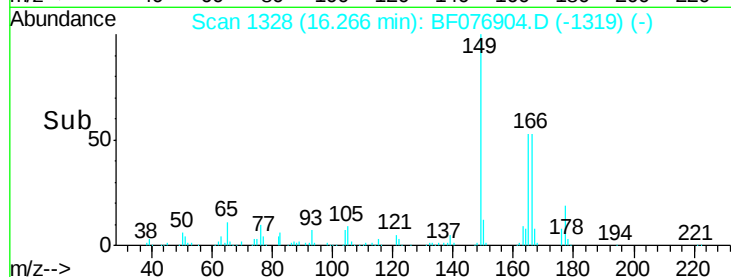
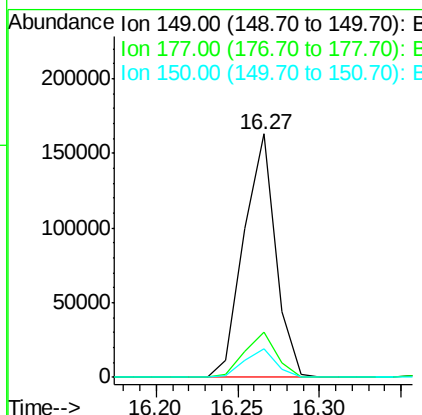
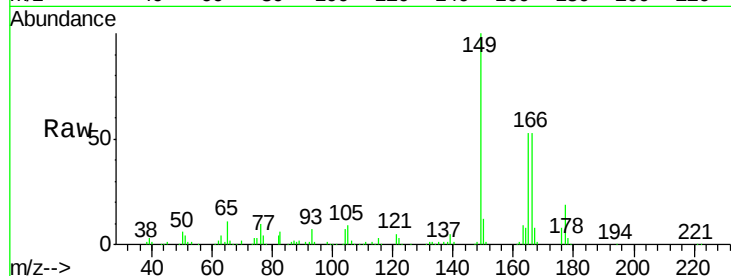




#59
Diethylphthalate
Concen: 35.67 ng
RT: 16.27 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

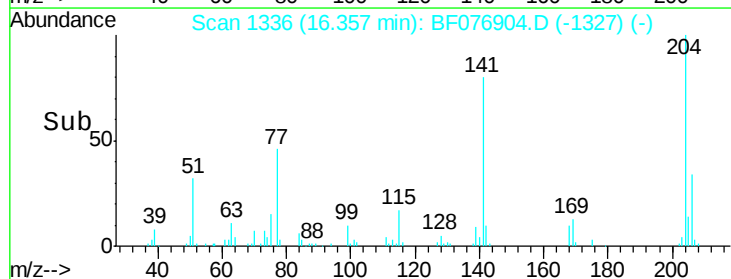
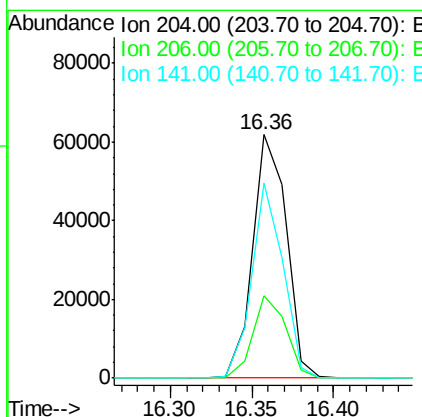
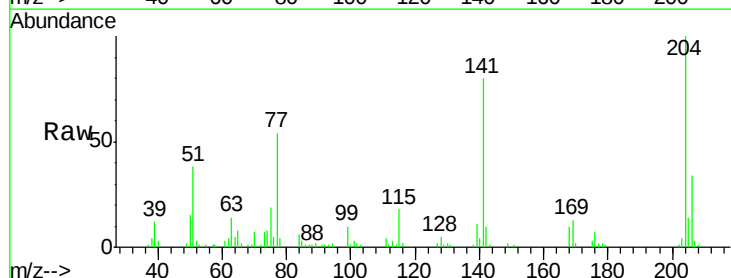
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 219764
Ion Ratio Lower Upper
149 100
177 18.6 15.0 22.6
150 11.6 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 35.03 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:204 Resp: 88773
Ion Ratio Lower Upper
204 100
206 33.9 24.2 36.2
141 80.3 66.7 100.1

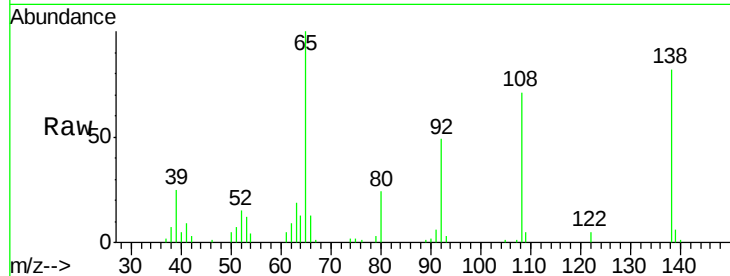




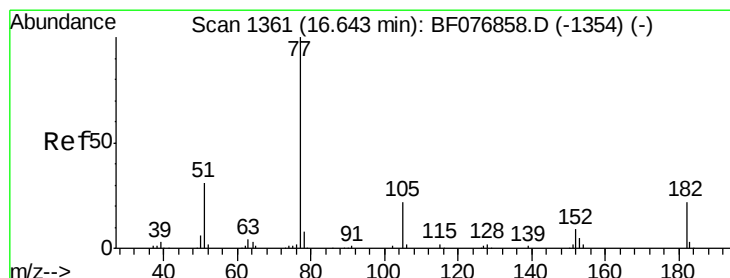
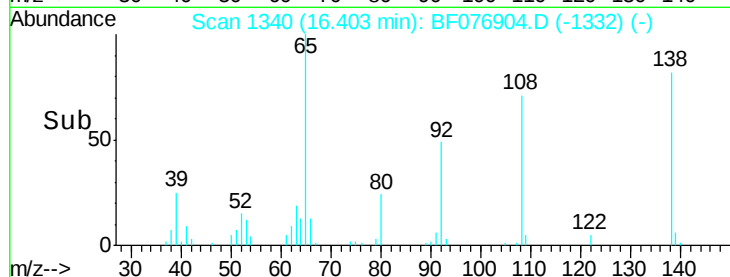
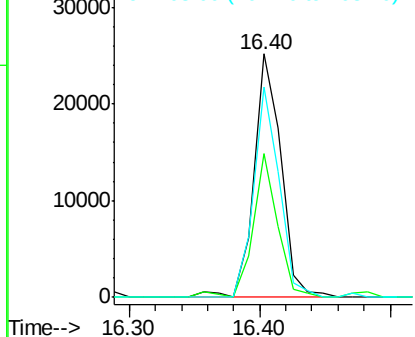
#61
4-Nitroaniline
Concen: 24.40 ng
RT: 16.40 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 36353
Ion Ratio Lower Upper
138 100
92 59.2 26.7 66.7
108 86.4 64.5 104.5

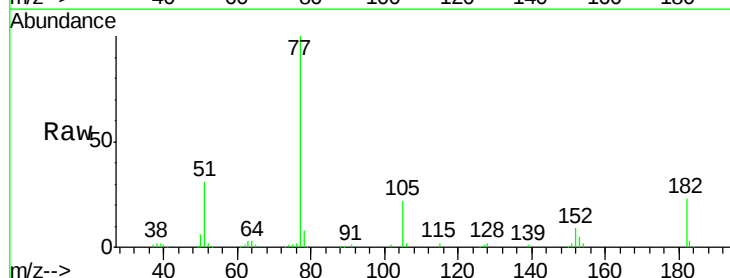


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

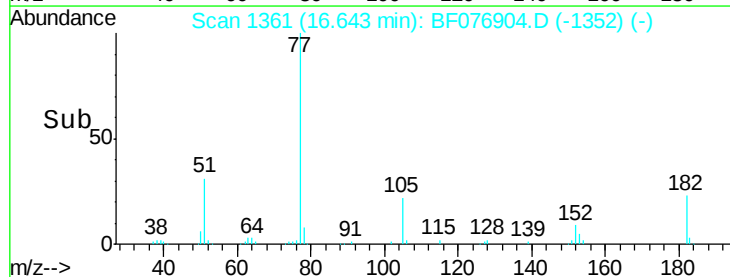
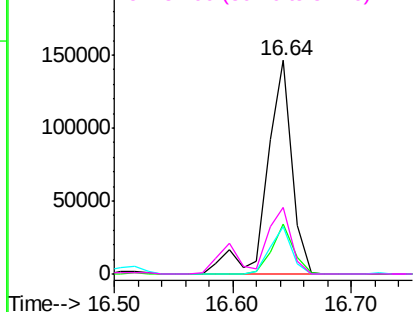


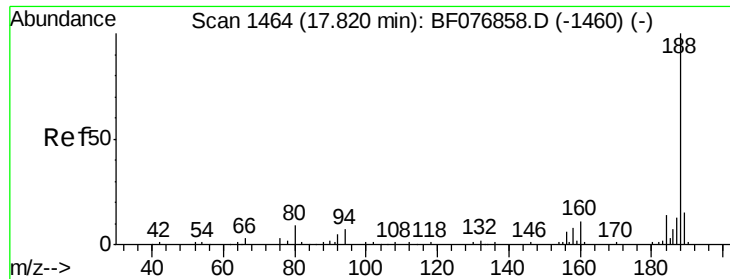
#62
Azobenzene
Concen: 33.28 ng
RT: 16.64 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion: 77 Resp: 213634
Ion Ratio Lower Upper
77 100
182 23.3 2.0 42.0
105 22.4 2.3 42.3
51 31.0 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

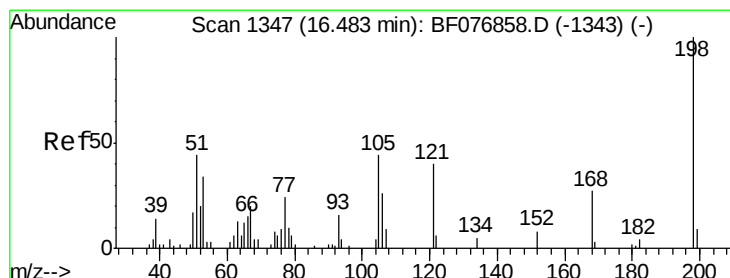
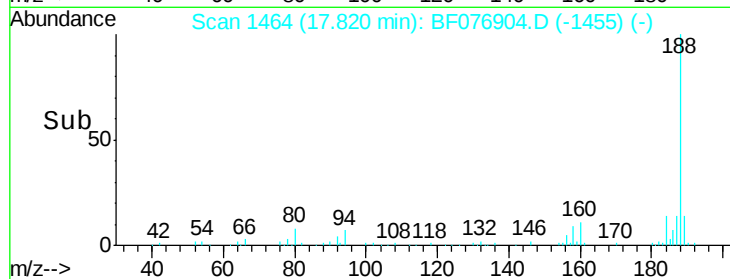
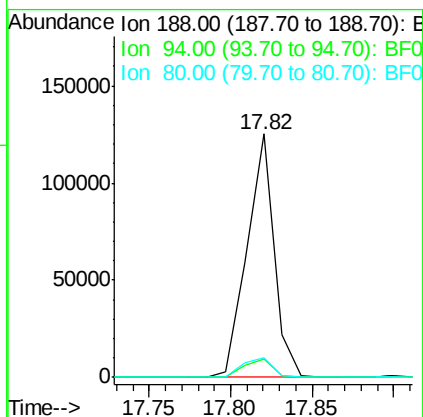
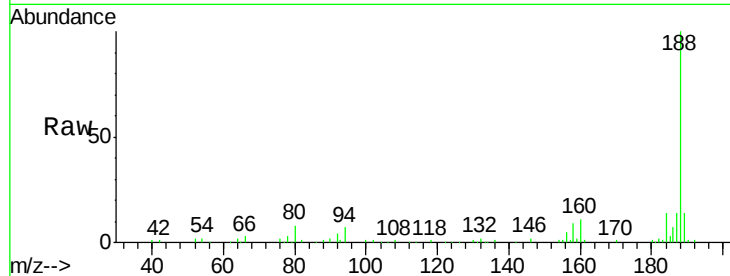




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

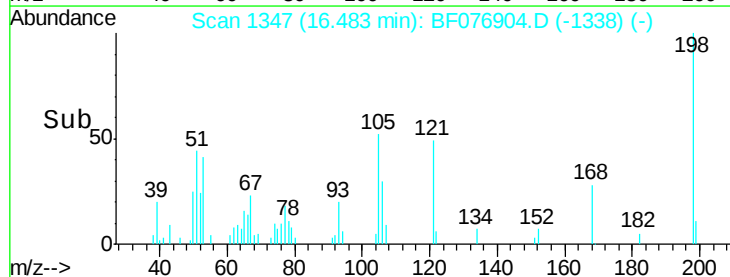
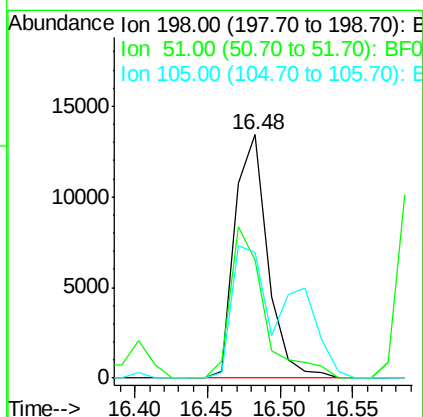
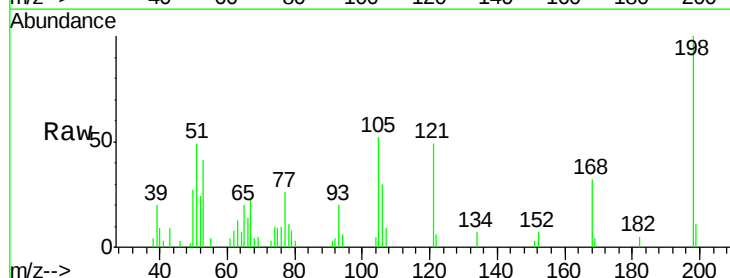
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 143809
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.0 9.0
 80 8.0 6.9 10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.52 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:198 Resp: 21052
 Ion Ratio Lower Upper
 198 100
 51 48.7 24.2 64.2
 105 51.5 24.0 64.0

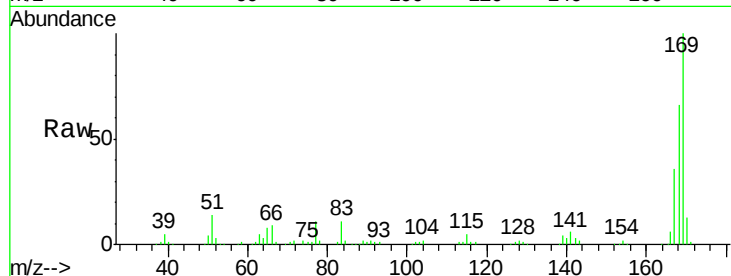




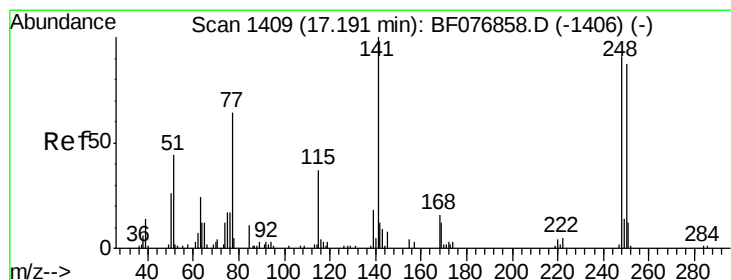
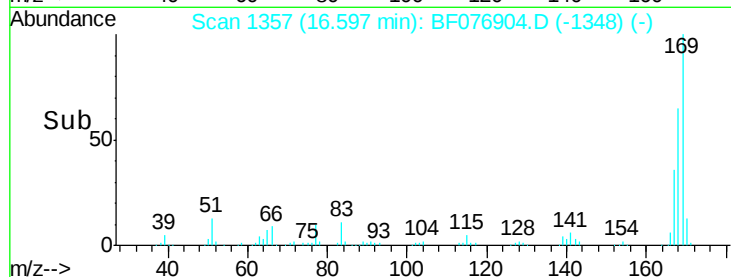
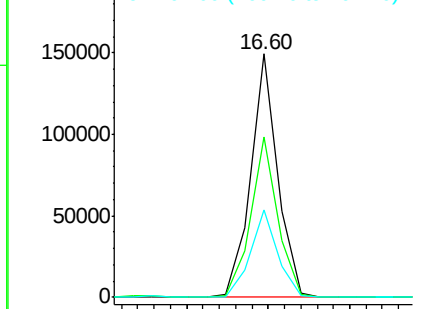
#65
 n-Nitrosodiphenylamine
 Concen: 33.31 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.8	80.6
167	36.0	27.8	41.6

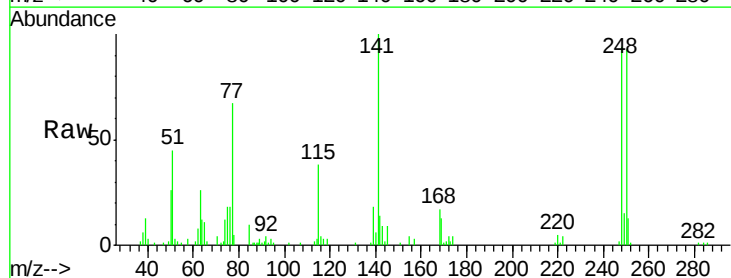


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

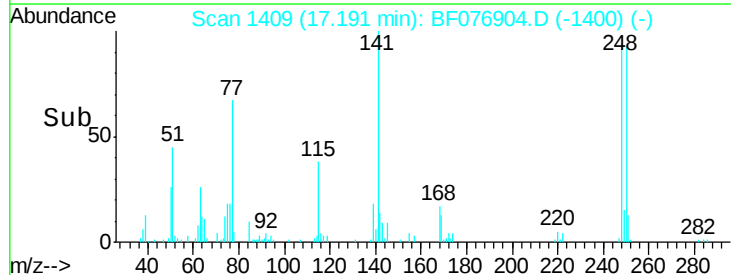
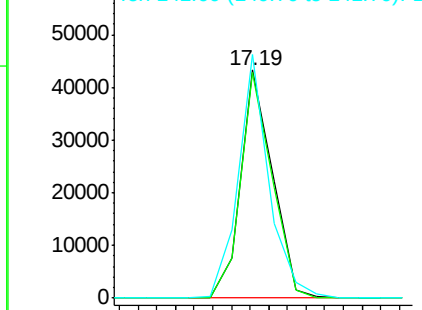


#66
 4-Bromophenyl-phenylether
 Concen: 35.34 ng
 RT: 17.19 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	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

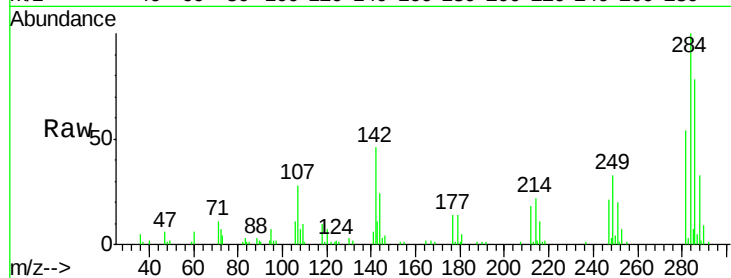




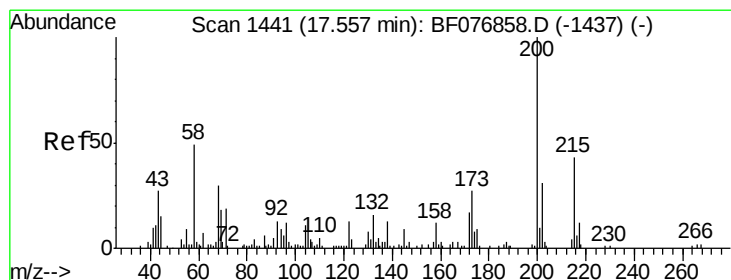
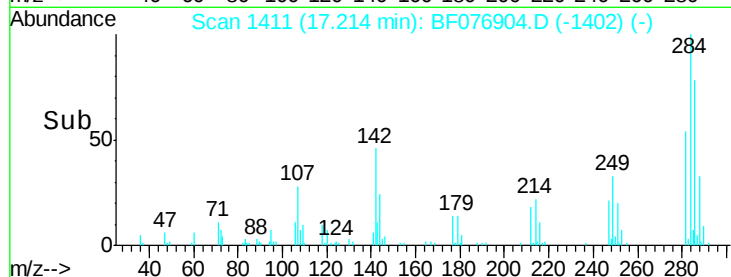
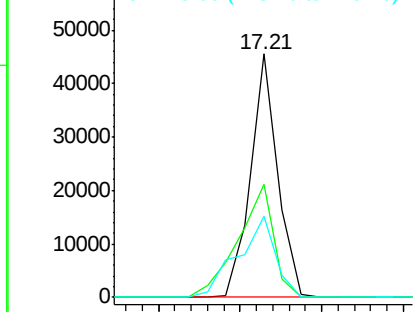
#67
Hexachlorobenzene
Concen: 33.99 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	46.4	38.2	57.4
249	33.1	28.2	42.2

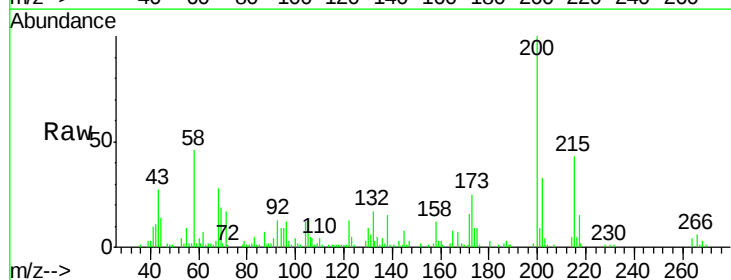


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

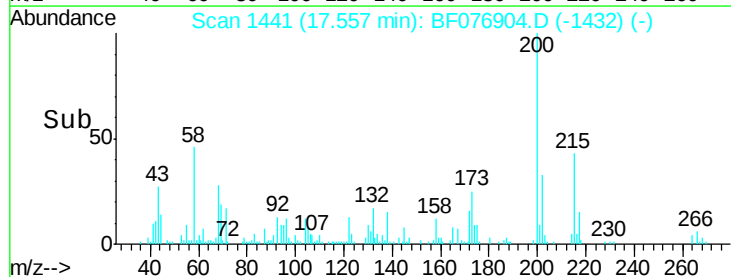
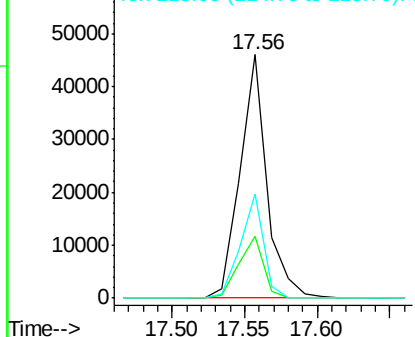


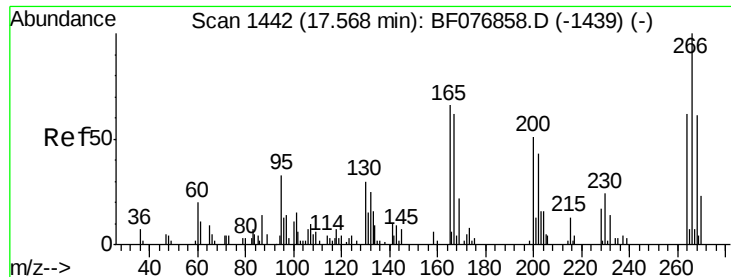
#68
Atrazine
Concen: 37.77 ng
RT: 17.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.6	46.6
215	42.8	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

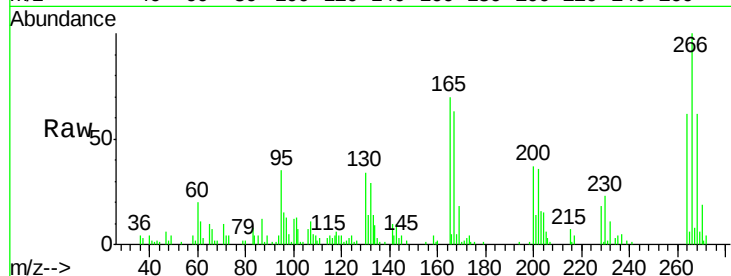




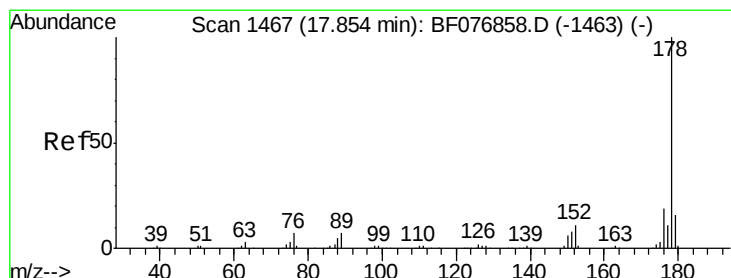
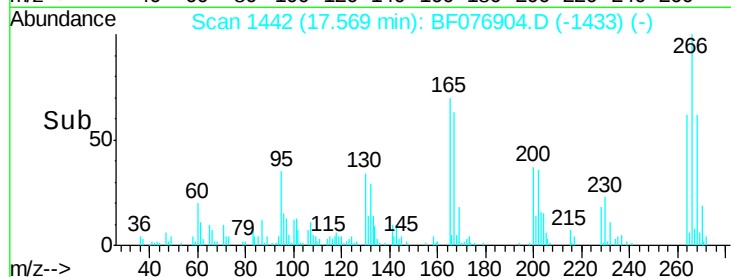
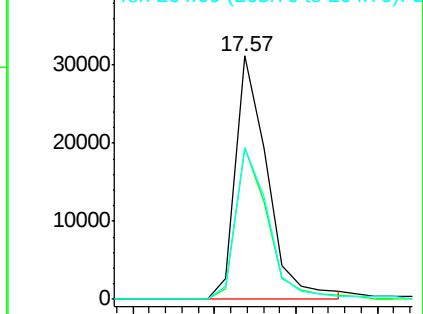
#69
 Pentachlorophenol
 Concen: 61.61 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 42166
 Ion Ratio Lower Upper
 266 100
 268 62.4 48.6 72.8
 264 62.4 49.5 74.3

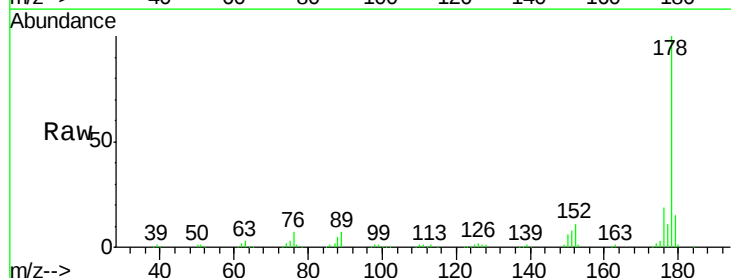


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

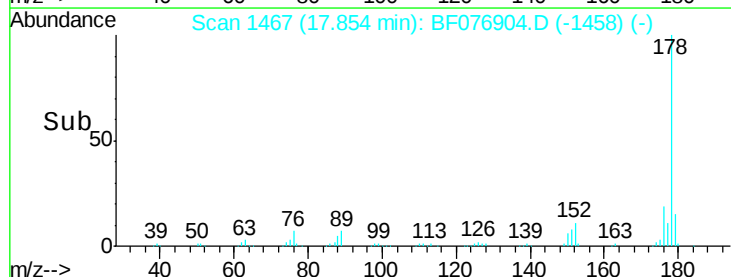
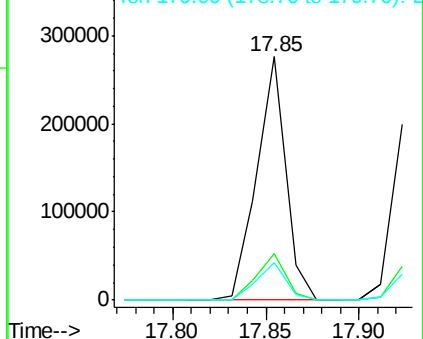


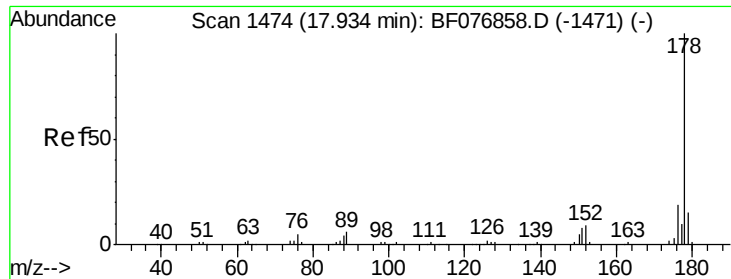
#70
 Phenanthrene
 Concen: 33.18 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:178 Resp: 297549
 Ion Ratio Lower Upper
 178 100
 176 19.0 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

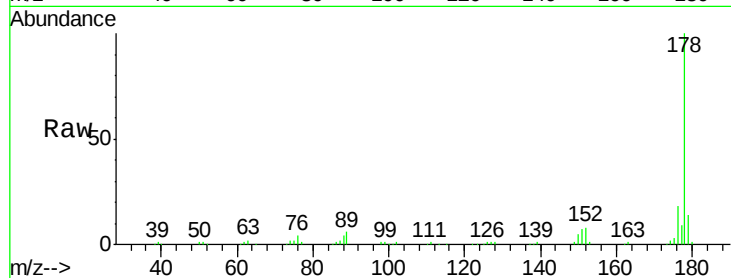




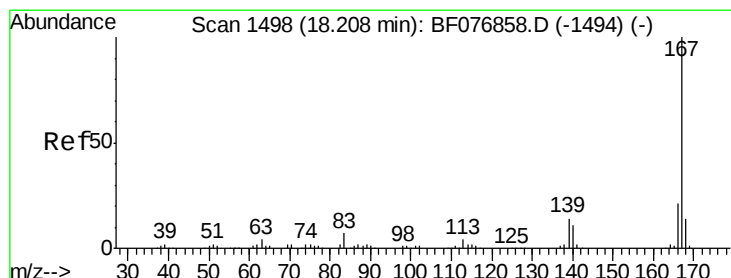
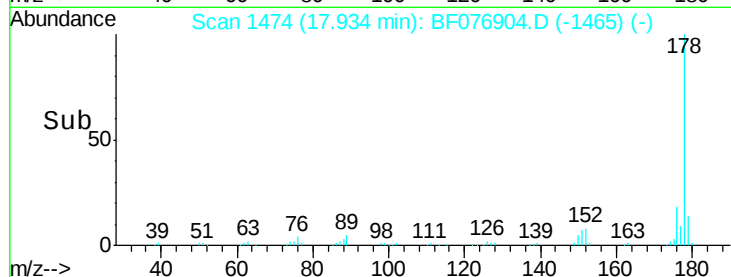
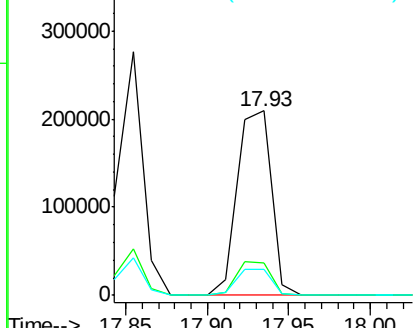
#71
 Anthracene
 Concen: 34.62 ng
 RT: 17.93 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 302766
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.0
 179 14.0 11.9 17.9

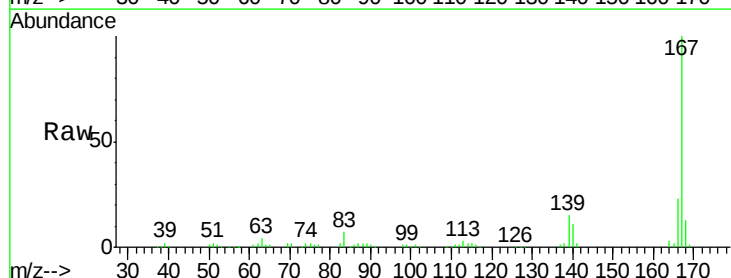


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

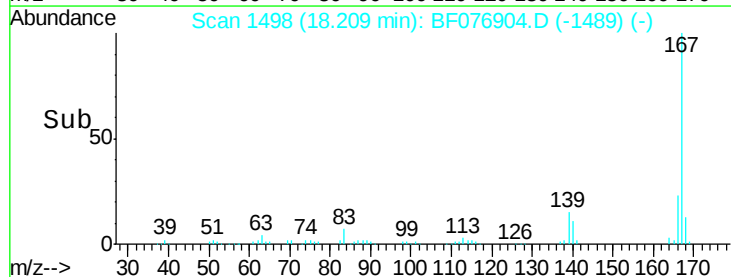
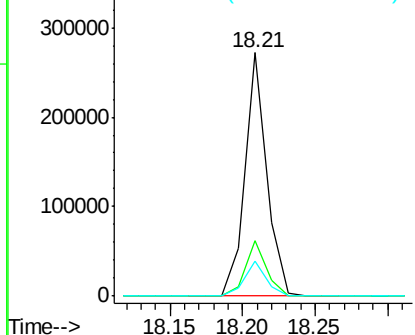


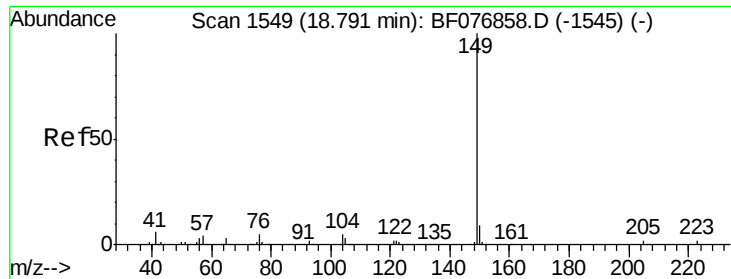
#72
 Carbazole
 Concen: 33.53 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:167 Resp: 284386
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.0 25.6
 139 14.6 11.3 16.9



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

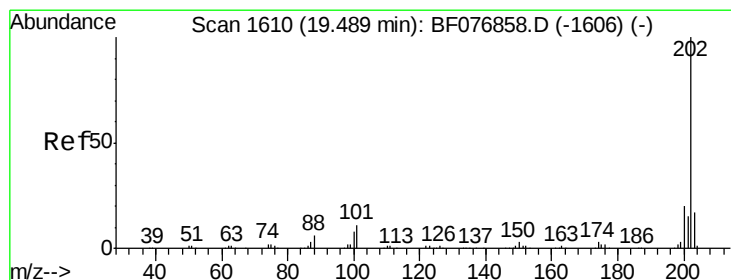
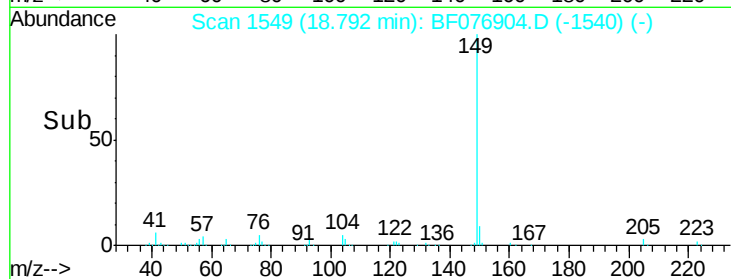
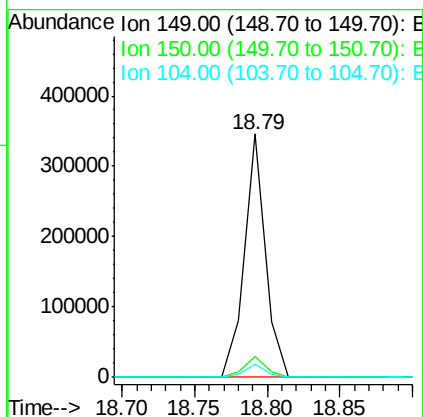
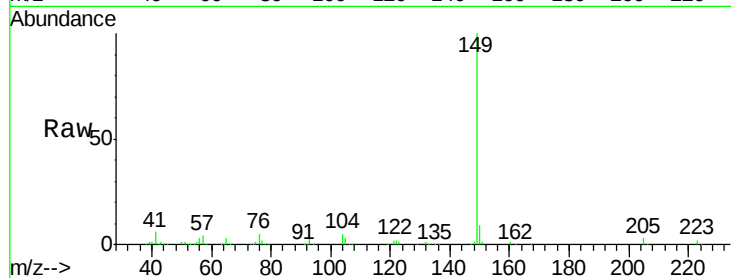




#73
Di-n-butylphthalate
Concen: 35.57 ng
RT: 18.79 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

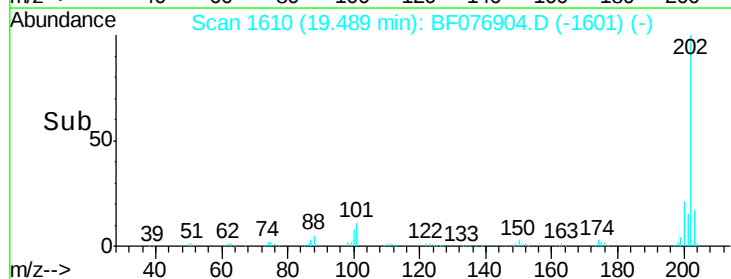
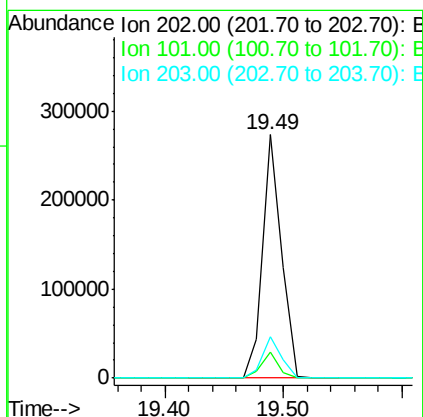
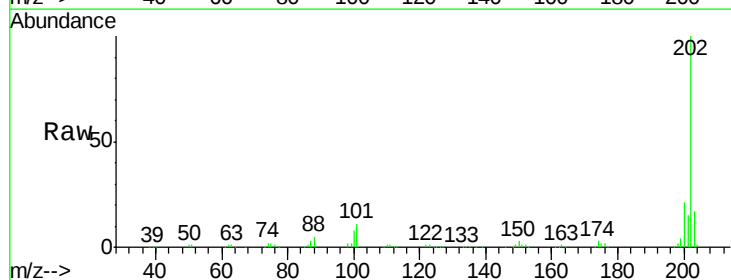
Instrument :
BNA_F
ClientSampleId :

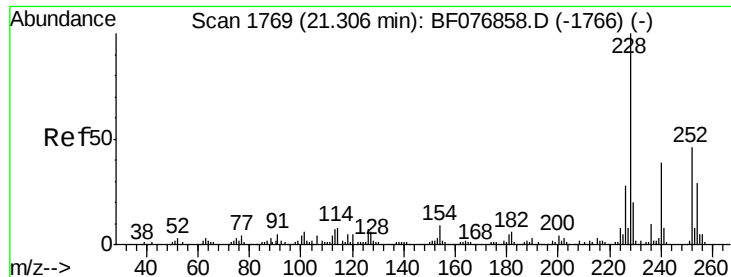
Tot Ion:149 Resp: 349271
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 5.2 3.7 5.5



#74
Fluoranthene
Concen: 33.33 ng
RT: 19.49 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:202 Resp: 306290
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.2 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampled :

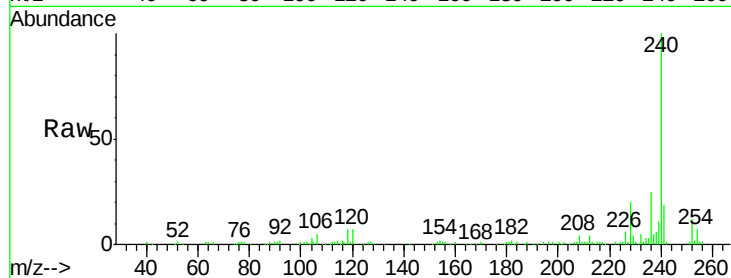
Tot Ion:240 Resp: 139715

Ion Ratio Lower Upper

240 100

120 7.1 10.4 15.6#

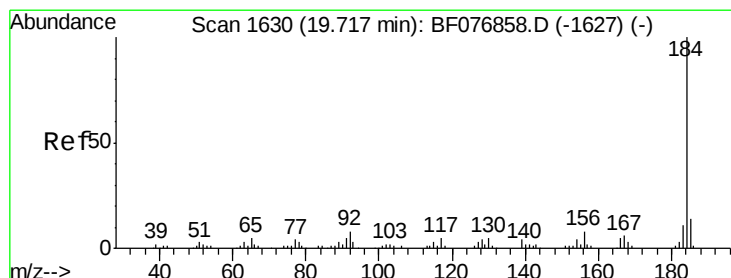
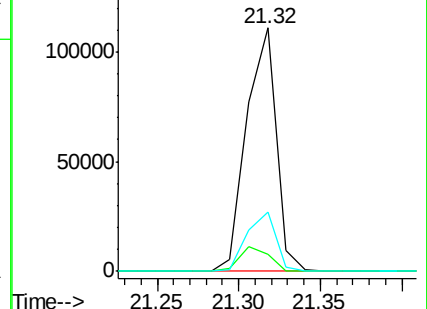
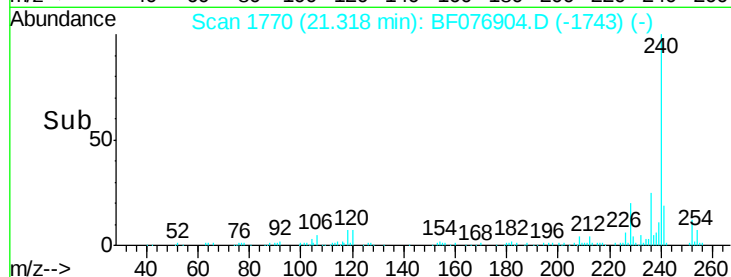
236 24.6 20.2 30.2



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: 5.11 ng

RT: 19.73 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

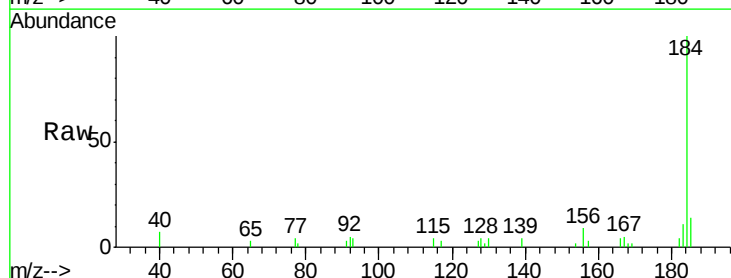
Tgt Ion:184 Resp: 22829

Ion Ratio Lower Upper

184 100

185 13.5 11.4 17.2

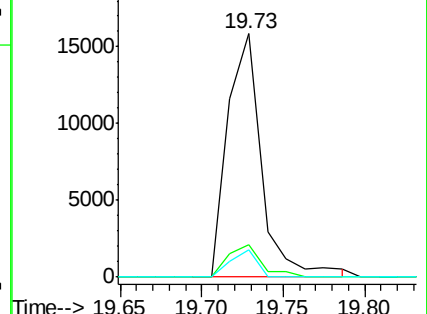
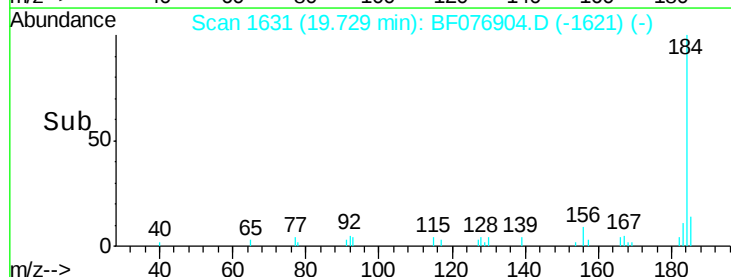
183 11.0 9.0 13.6

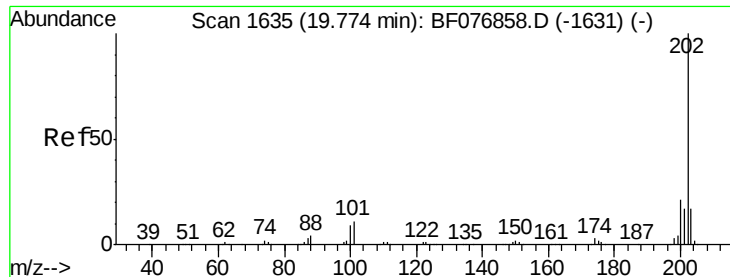


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

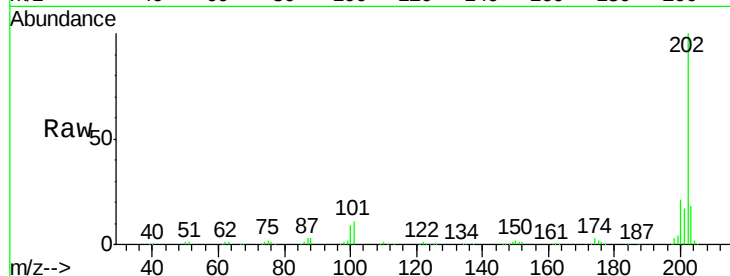




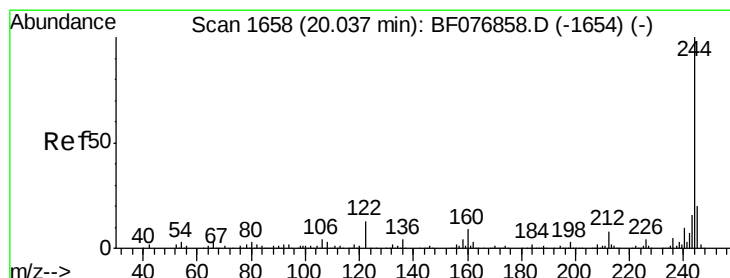
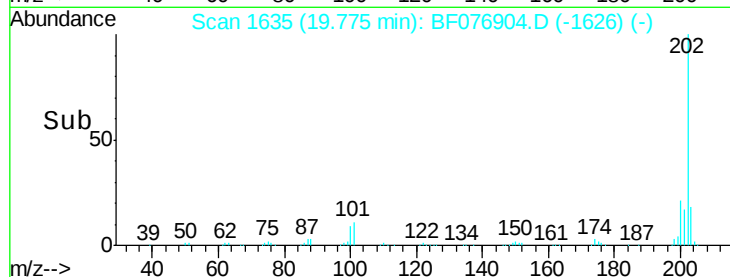
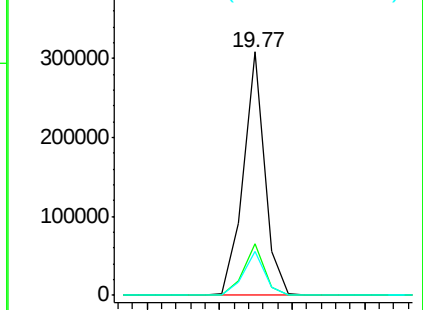
#77
Pvrene
Concen: 33.02 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 316181
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.9 14.0 21.0

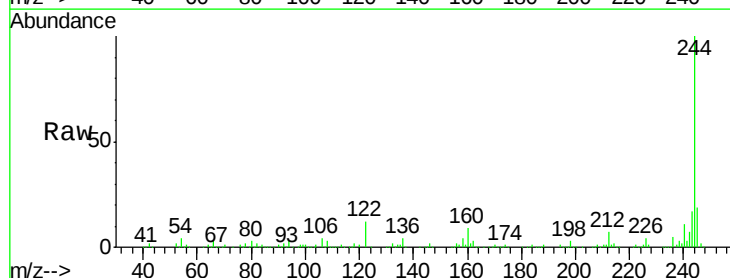


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

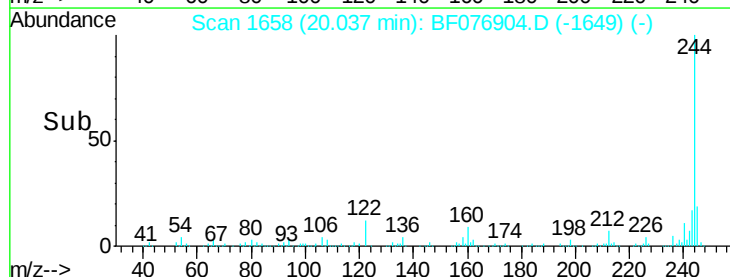
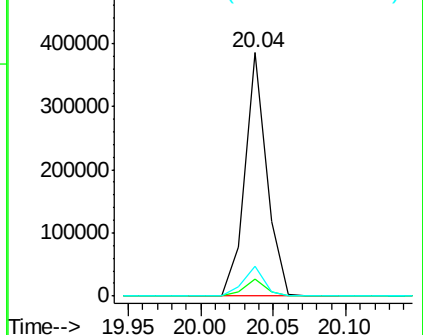


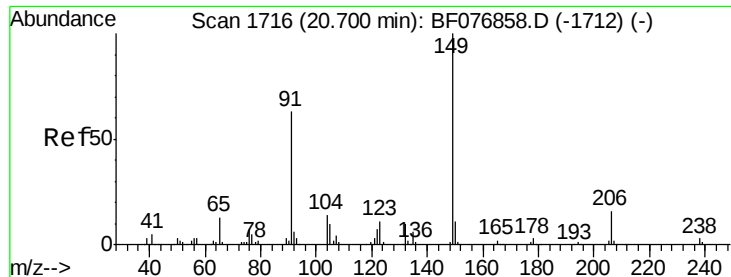
#78
Terphenyl-d14
Concen: 66.24 ng
RT: 20.04 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:244 Resp: 401989
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 12.3 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

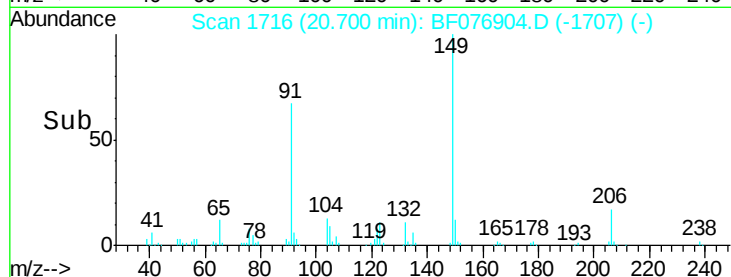
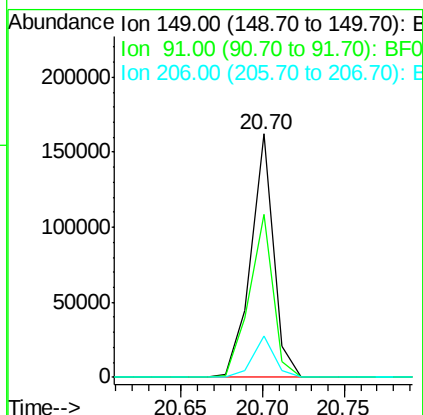
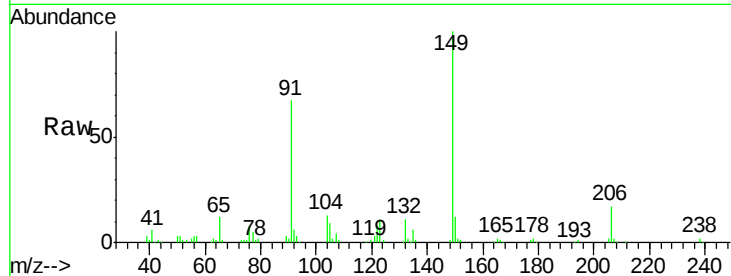




#79
Butylbenzylphthalate
Concen: 36.35 ng
RT: 20.70 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

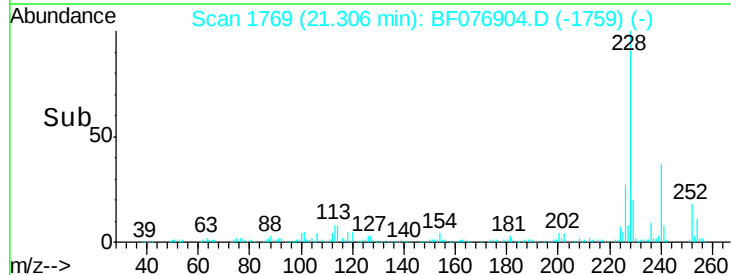
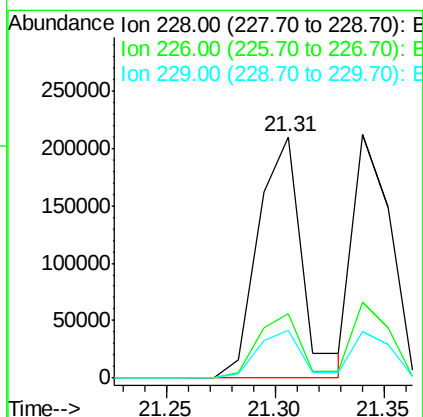
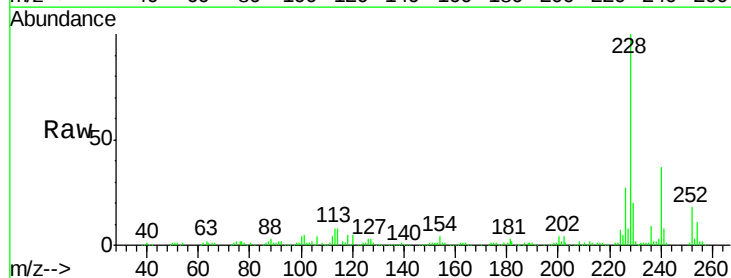
Instrument :
BNA_F
ClientSampleId :

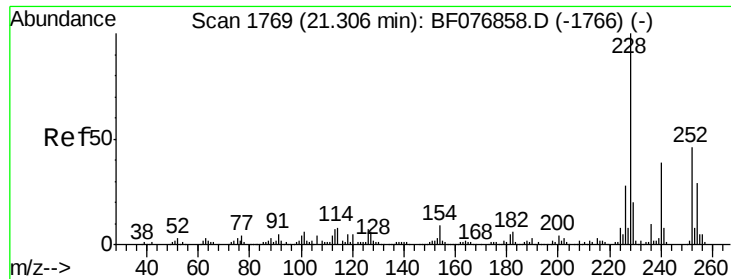
Tot Ion:149 Resp: 157624
Ion Ratio Lower Upper
149 100
91 67.1 50.6 76.0
206 16.7 12.8 19.2



#80
Benzo(a)anthracene
Concen: 33.72 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:228 Resp: 295555
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.6 15.5 23.3

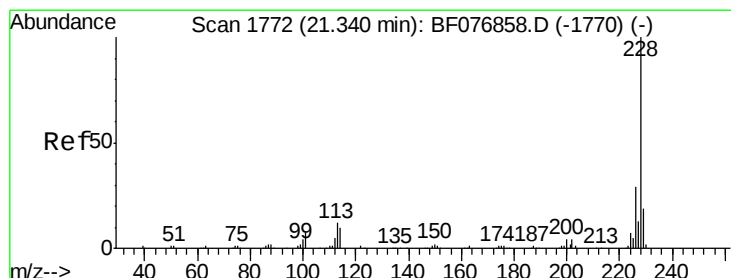
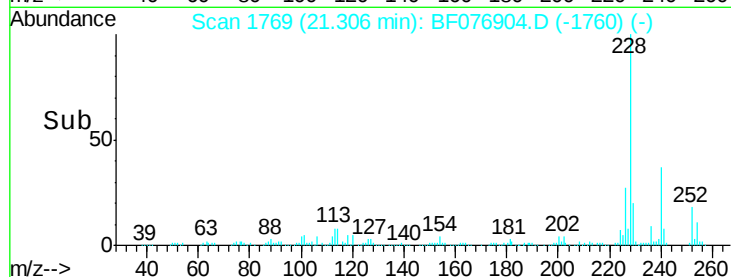
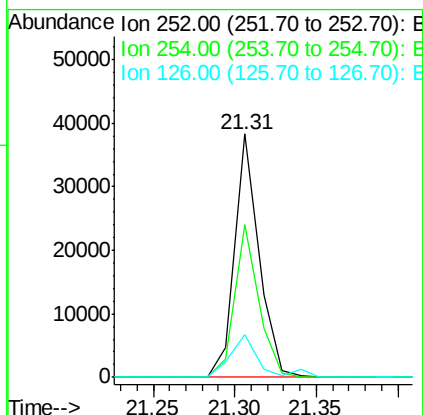
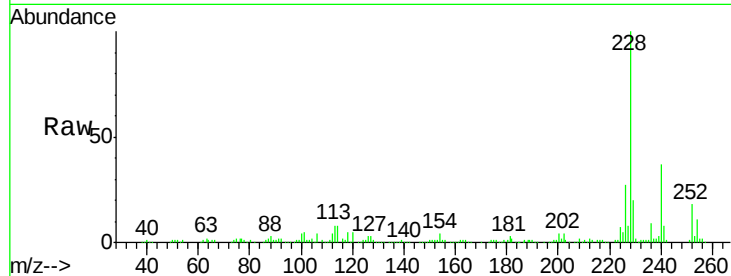




#81
 3,3'-Dichlorobenzidine
 Concen: 14.18 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

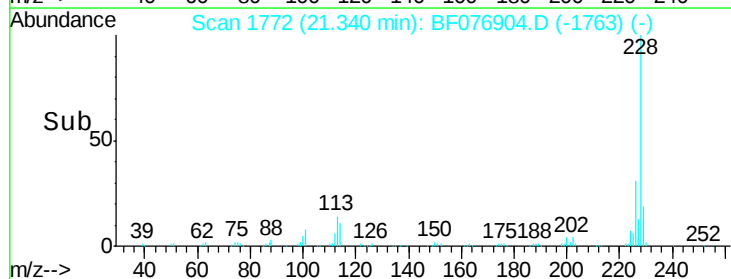
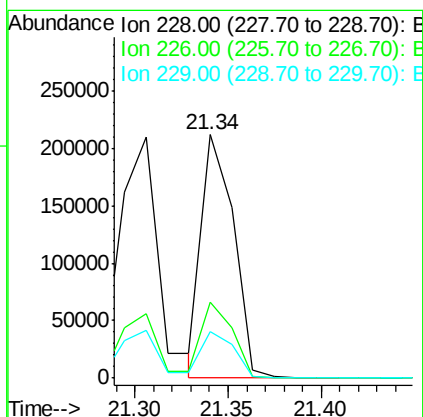
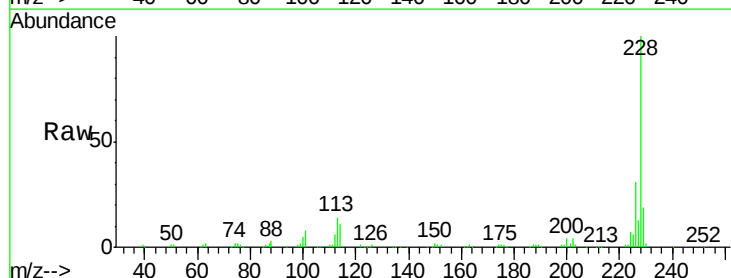
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 39492
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.2 75.4
 126 17.5 11.5 17.3#



#82
 Chrysene
 Concen: 31.56 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Tgt Ion:228 Resp: 252328
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.4 35.0
 229 19.3 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.11 ng

RT: 21.44 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

Instrument :

BNA_F

ClientSampleId :

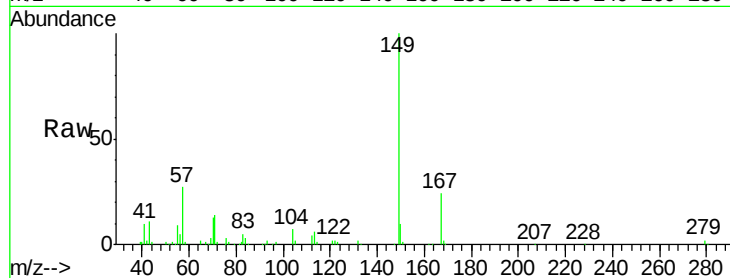
Tot Ion:149 Resp: 216646

Ion Ratio Lower Upper

149 100

167 23.7 20.6 30.8

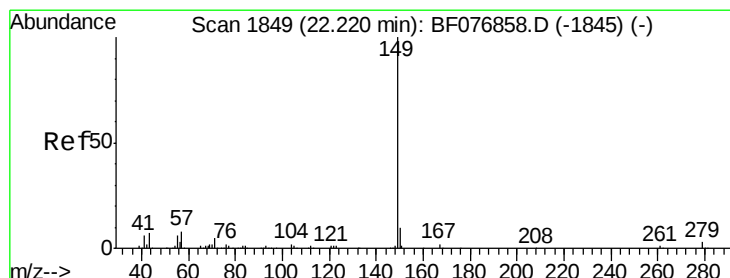
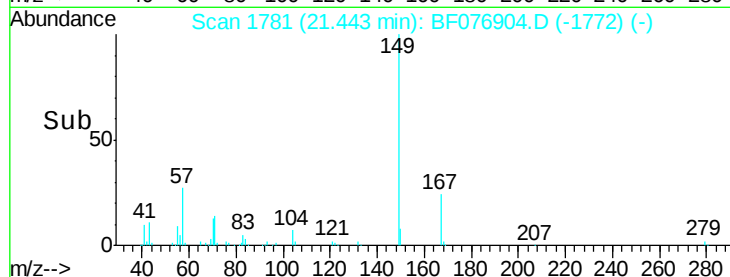
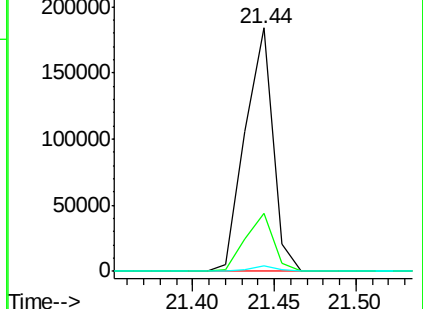
279 2.3 2.2 3.2



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: 35.15 ng

RT: 22.21 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF076904.D

Acq: 16 Jan 2015 4:43

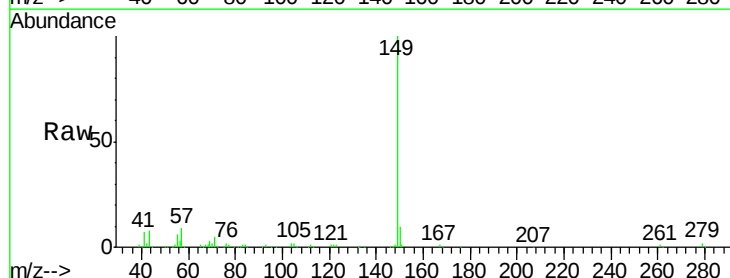
Tgt Ion:149 Resp: 365983

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

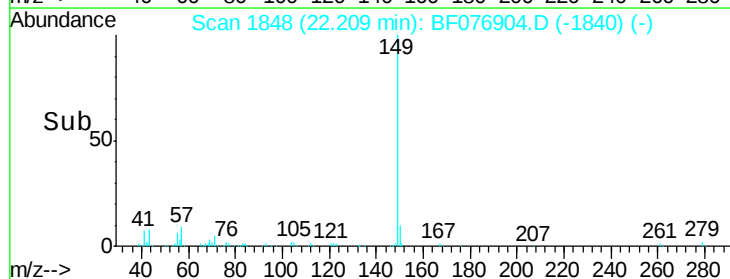
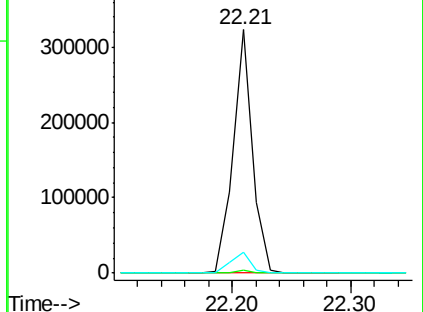
43 8.9 6.6 10.0

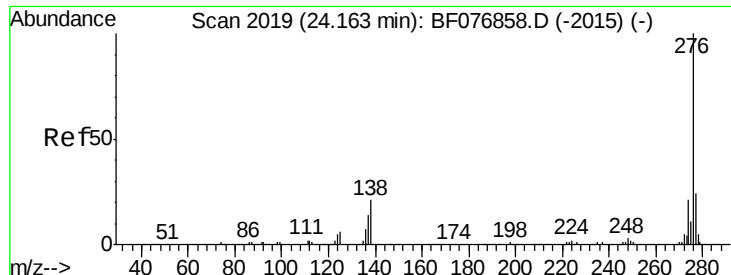


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

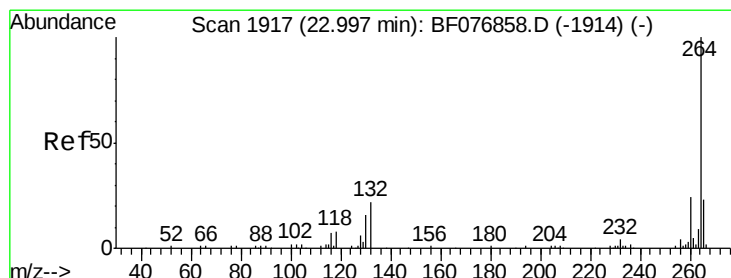
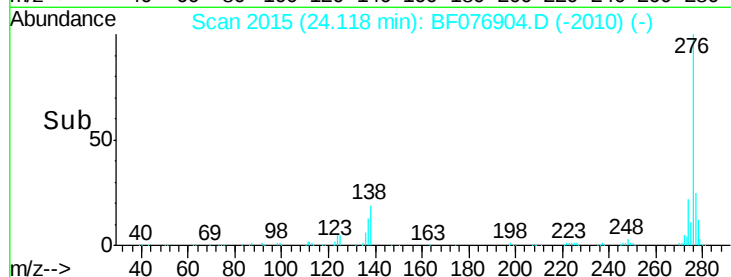
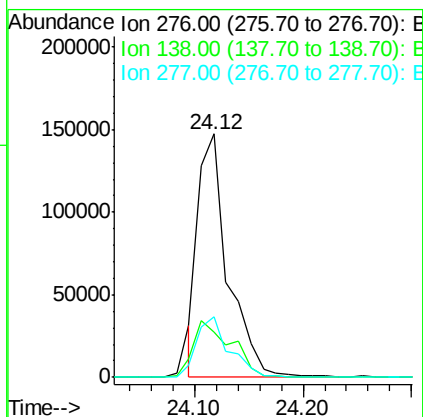
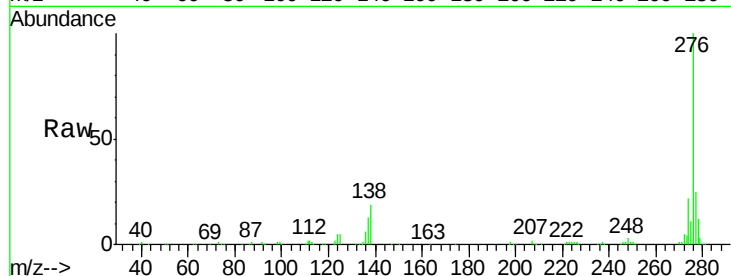




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.90 ng
RT: 24.12 min Scan# 2015
Delta R.T. -0.05 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

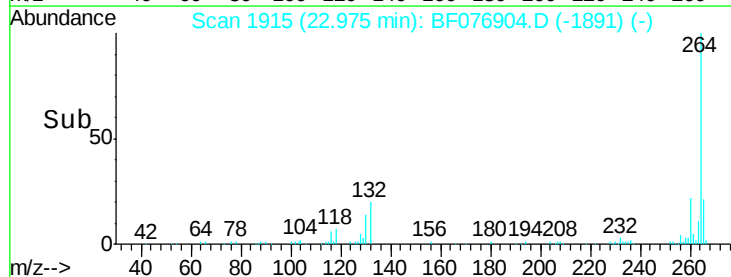
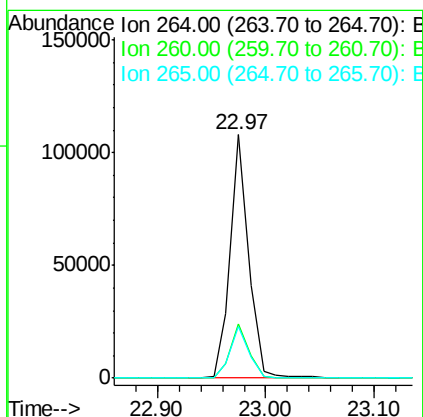
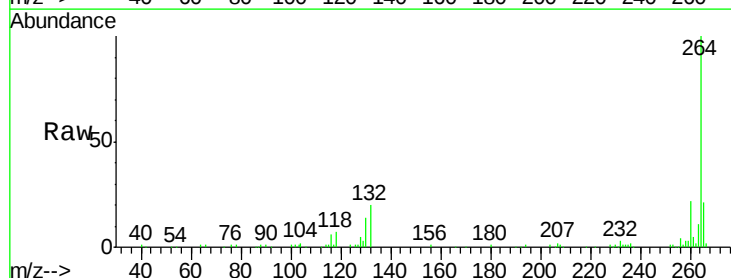
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 278757
Ion Ratio Lower Upper
276 100
138 27.5 14.6 22.0#
277 25.7 14.8 22.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.97 min Scan# 1915
Delta R.T. -0.02 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:264 Resp: 126188
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 21.1 18.1 27.1

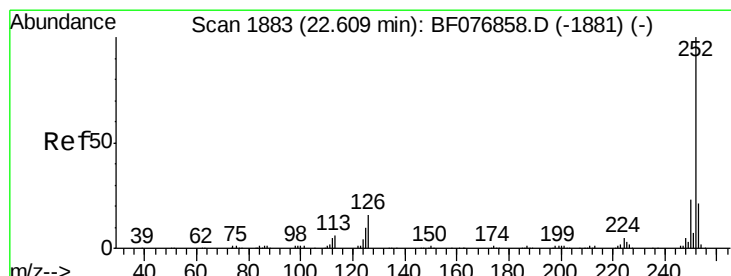
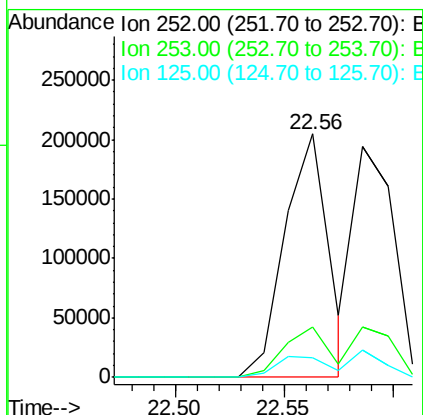
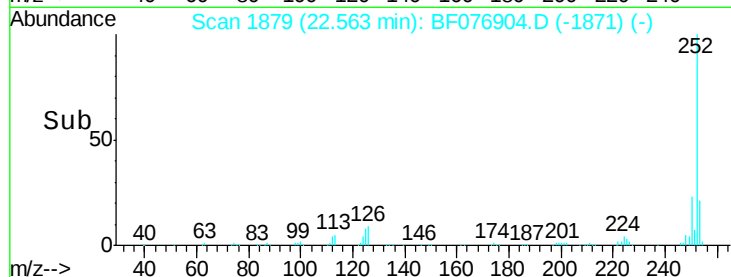
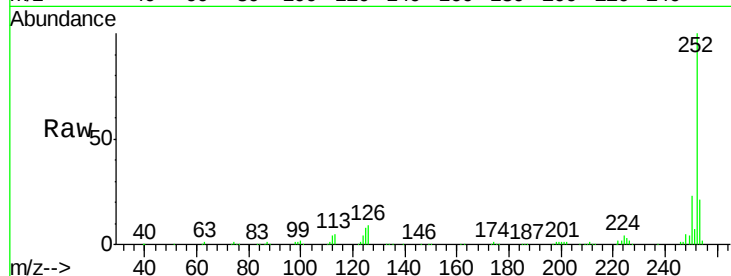




#87
Benzo(b)fluoranthene
Concen: 33.71 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

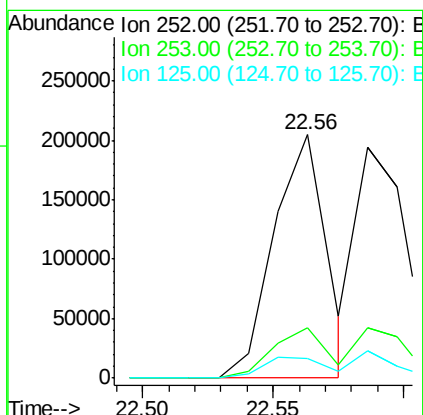
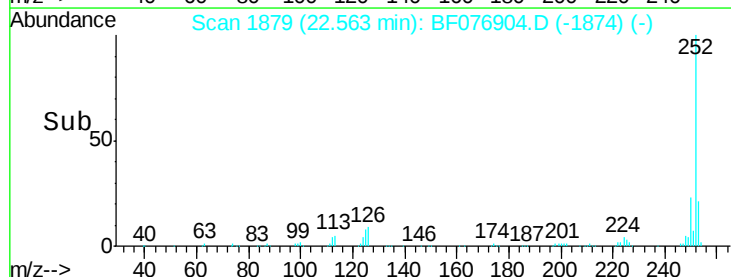
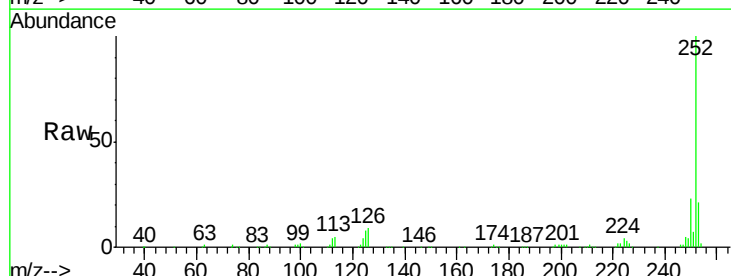
Instrument :
BNA_F
ClientSampleID :

Tot Ion:252 Resp: 286478
Ion Ratio Lower Upper
252 100
253 20.5 17.5 26.3
125 8.0 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 38.58 ng
RT: 22.56 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:252 Resp: 286464
Ion Ratio Lower Upper
252 100
253 20.5 17.2 25.8
125 8.0 7.1 10.7

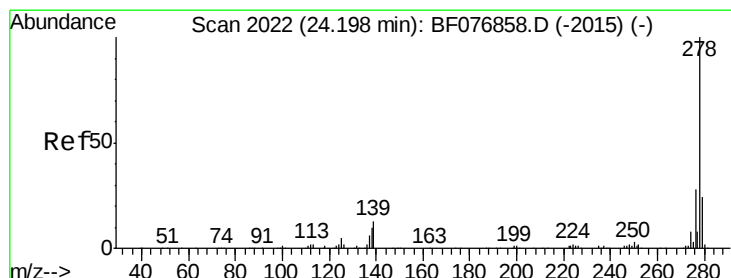
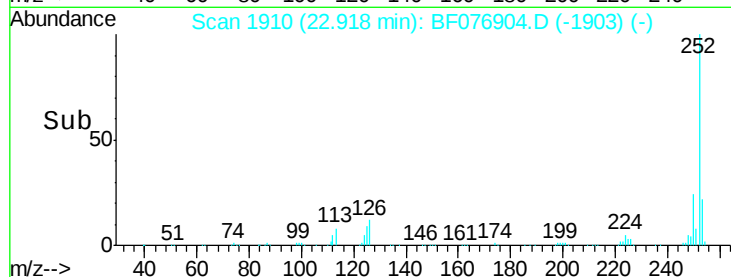
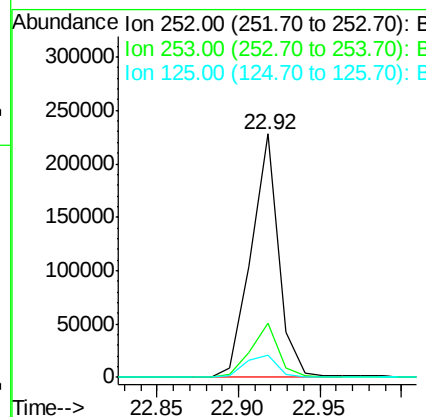
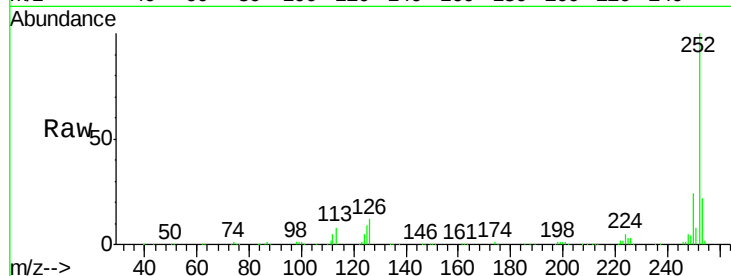




#89
Benzo(a)pyrene
Concen: 35.78 ng
RT: 22.92 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

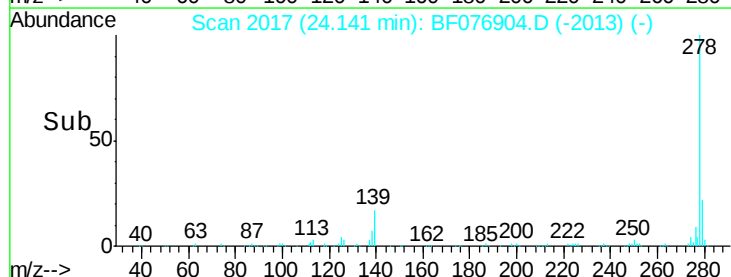
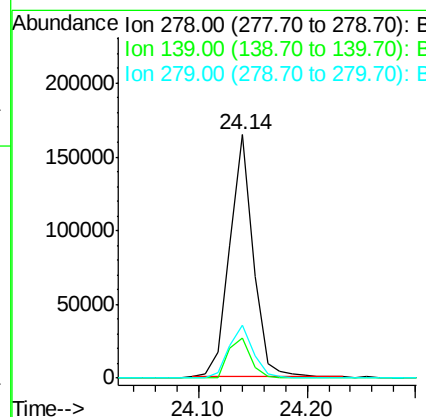
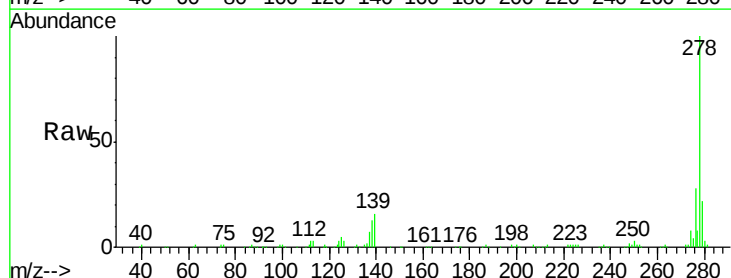
Instrument :
BNA_F
ClientSampleId :

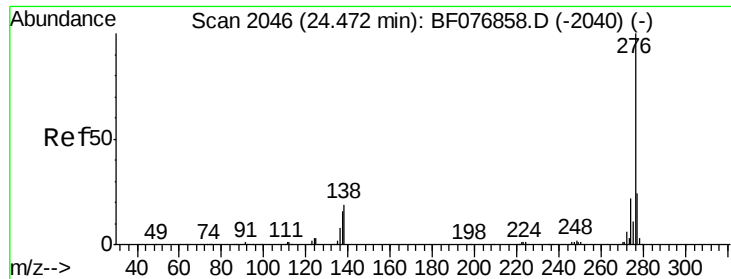
Tot Ion:252 Resp: 268203
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.1 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 35.40 ng
RT: 24.14 min Scan# 2017
Delta R.T. -0.06 min
Lab File: BF076904.D
Acq: 16 Jan 2015 4:43

Tgt Ion:278 Resp: 243519
Ion Ratio Lower Upper
278 100
139 16.5 10.5 15.7#
279 21.9 19.3 28.9

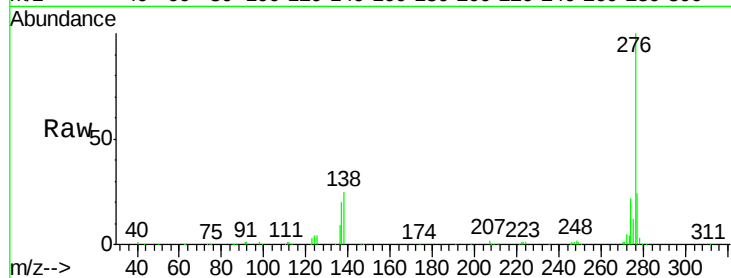




#91
 Benzo(a,h,i)perylene
 Concen: 36.65 ng
 RT: 24.41 min Scan# 2041
 Delta R.T. -0.06 min
 Lab File: BF076904.D
 Acq: 16 Jan 2015 4:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	24.9	15.0	22.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

