

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077039.D
 Acq On : 23 Jan 2015 16:03
 Operator : TP/IZ
 Sample : PB81496BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 22:27:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	33364	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	135757	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	77666	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	134589	20.00	ng	0.00
75) Chrysene-d12	21.15	240	135457	20.00	ng	0.00
86) Perylene-d12	22.81	264	119898	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	127444	62.80	ng	0.01
7) Phenol-d6	7.17	99	156338	61.07	ng	0.00
23) Nitrobenzene-d5	9.06	82	146418	59.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.52	330	40518	64.27	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	300485	58.88	ng	0.00
78) Terphenyl-d14	19.88	244	333268	56.64	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.17	88	16557	19.06	ng	# 81
3) Pyridine	1.61	79	48847	21.73	ng	97
4) n-Nitrosodimethylamine	1.57	42	29294	26.30	ng	# 79
6) Aniline	7.04	93	49960	14.10	ng	99
8) 2-Chlorophenol	7.29	128	57993	24.79	ng	97
9) Benzaldehyde	6.77	77	11020	6.09	ng	95
10) Phenol	7.19	94	66248	24.37	ng	91
11) bis(2-Chloroethyl)ether	7.30	93	54397	25.58	ng	# 74
12) 1,3-Dichlorobenzene	7.60	146	61268	23.02	ng	96
13) 1,4-Dichlorobenzene	7.80	146	62040	21.98	ng	99
14) 1,2-Dichlorobenzene	8.12	146	61387	23.61	ng	98
15) Benzyl Alcohol	8.21	79	48908	23.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	67253	23.52	ng	97
17) 2-Methylphenol	8.55	107	46020	24.07	ng	98
18) Hexachloroethane	8.86	117	23508	23.95	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	42236	23.57	ng	97
20) 3+4-Methylphenols	8.94	107	56665	22.38	ng	96
22) Acetophenone	8.76	105	84034	25.27	ng	99
24) Nitrobenzene	9.11	77	62810	25.16	ng	99
25) Isophorone	9.70	82	110973	24.87	ng	98
26) 2-Nitrophenol	9.85	139	30617	24.84	ng	# 90
27) 2,4-Dimethylphenol	10.14	122	51038	26.44	ng	99
28) bis(2-Chloroethoxy)methane	10.34	93	66033	26.03	ng	99
29) 2,4-Dichlorophenol	10.45	162	48204	26.79	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	50250	25.15	ng	99
31) Naphthalene	10.72	128	169668	24.28	ng	98
32) Benzoic acid	10.49	122	10389	9.71	ng	93
33) 4-Chloroaniline	10.97	127	41175	14.58	ng	96
34) Hexachlorobutadiene	11.09	225	30079	25.37	ng	97
35) Caprolactam	11.81	113	9807	18.52	ng	96
36) 4-Chloro-3-methylphenol	12.28	107	54210	26.32	ng	99
37) 2-Methylnaphthalene	12.38	142	121383	25.43	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	46614	24.28	ng	97
40) Hexachlorocyclopentadiene	12.77	237	51048	51.14	ng	97

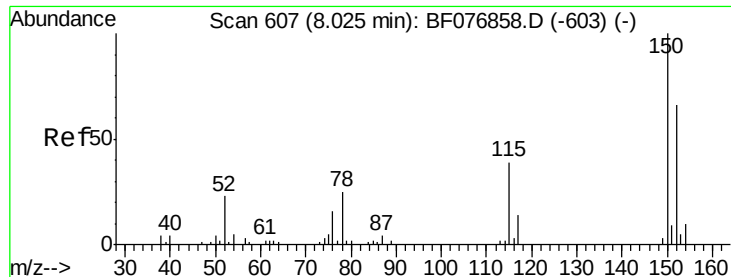
Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077039.D
 Acq On : 23 Jan 2015 16:03
 Operator : TP/IZ
 Sample : PB81496BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	33301	23.80	nq	95
43) 2,4,5-Trichlorophenol	13.21	196	35751	25.05	nq	96
45) 1,1'-Biphenyl	13.53	154	142592	24.77	nq	96
46) 2-Chloronaphthalene	13.51	162	115390	24.35	nq	97
47) 2-Nitroaniline	13.85	65	36552	25.43	nq	86
48) Acenaphthylene	14.45	152	186122	23.29	nq	99
49) Dimethylphthalate	14.41	163	140352	25.48	nq	99
50) 2,6-Dinitrotoluene	14.51	165	29521	26.83	nq	98
51) Acenaphthene	14.88	154	104443	23.03	nq	96
52) 3-Nitroaniline	14.85	138	24254	18.06	nq	87
53) 2,4-Dinitrophenol	15.13	184	24726	52.60	nq	96
54) Dibenzofuran	15.31	168	164301	24.87	nq	96
55) 4-Nitrophenol	15.44	139	43122	49.95	nq	97
56) 2,4-Dinitrotoluene	15.44	165	39291	24.88	nq	# 81
57) Fluorene	16.05	166	134362	24.01	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	28874	27.79	nq	# 98
59) Diethylphthalate	16.06	149	146953	26.40	nq	99
60) 4-Chlorophenyl-phenylether	16.15	204	57248	25.00	nq	91
61) 4-Nitroaniline	16.20	138	30069	22.46	nq	96
62) Azobenzene	16.44	77	143441	24.73	nq	99
64) 4,6-Dinitro-2-methylphenol	16.28	198	18405	23.12	nq	96
65) n-Nitrosodiphenylamine	16.39	169	113076	23.56	nq	99
66) 4-Bromophenyl-phenylether	17.01	248	33427	24.52	nq	# 87
67) Hexachlorobenzene	17.02	284	34195	23.80	nq	98
68) Atrazine	17.39	200	42541	29.21	nq	92
69) Pentachlorophenol	17.39	266	34561	54.82	nq	99
70) Phenanthrene	17.67	178	199626	23.78	nq	98
71) Anthracene	17.75	178	201702	24.64	nq	99
72) Carbazole	18.04	167	194501	24.50	nq	99
73) Di-n-butylphthalate	18.63	149	243737	26.53	nq	98
74) Fluoranthene	19.32	202	207375	24.11	nq	99
76) Benzidine	19.57	184	103659	23.91	nq	99
77) Pyrene	19.60	202	215669	23.23	nq	100
79) Butylbenzylphthalate	20.54	149	110818	26.36	nq	# 84
80) Benzo(a)anthracene	21.13	228	198763	23.39	nq	99
81) 3,3'-Dichlorobenzidine	21.15	252	46099	17.07	nq	97
82) Chrysene	21.18	228	187097	24.14	nq	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	157701	27.11	nq	99
84) Di-n-octyl phthalate	22.06	149	270523	26.79	nq	99
85) Indeno(1,2,3-cd)pyrene	23.95	276	134776	16.41	nq	# 88
87) Benzo(b)fluoranthene	22.39	252	200885	24.88	nq	100
88) Benzo(k)fluoranthene	22.39	252	200875	28.47	nq	# 97
89) Benzo(a)pyrene	22.76	252	176670	24.80	nq	97
90) Dibenzo(a,h)anthracene	23.98	278	151908	23.24	nq	98
91) Benzo(g,h,i)perylene	24.23	276	152821	23.52	nq	98

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

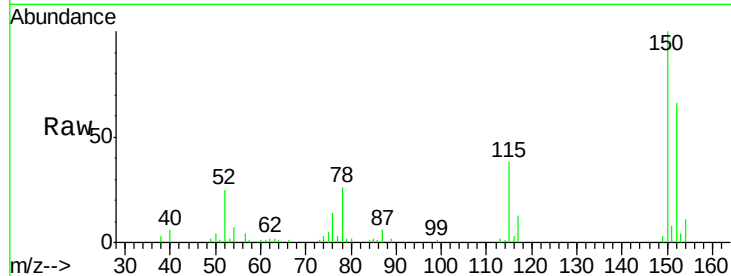


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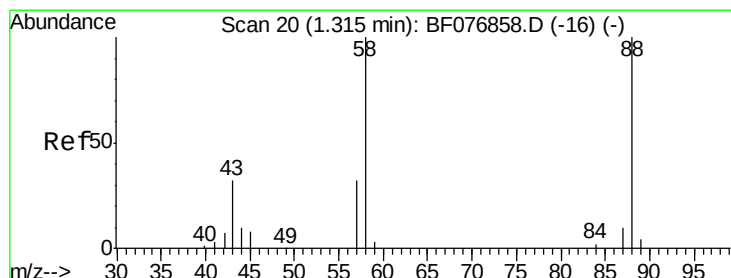
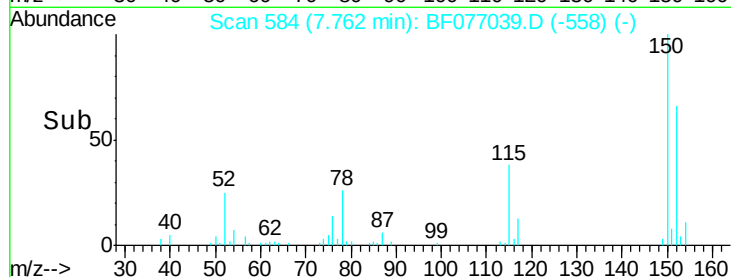
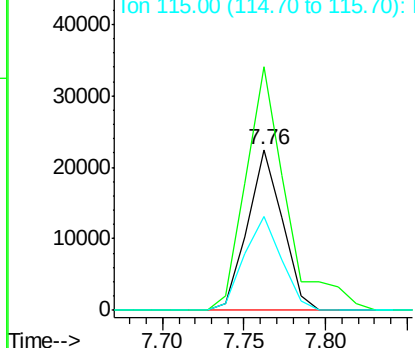
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 33364
Ion Ratio Lower Upper
152 100
150 151.6 121.7 182.5
115 58.2 47.0 70.6



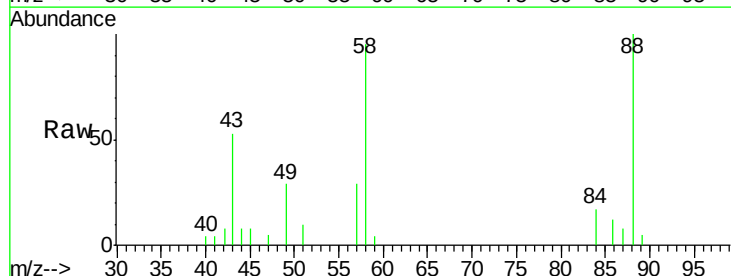
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



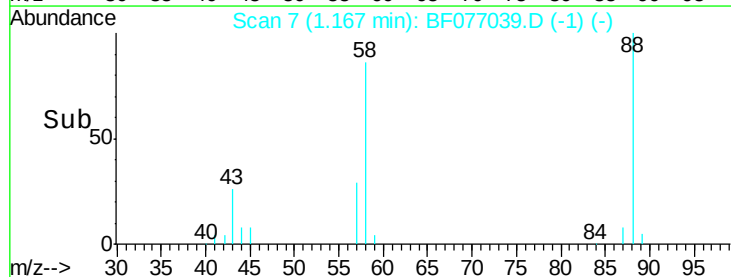
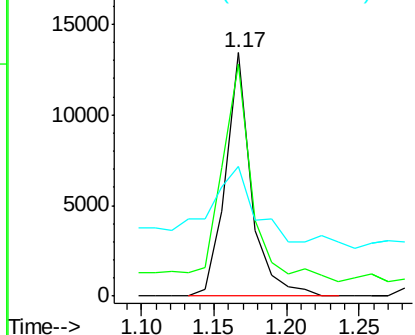
#2

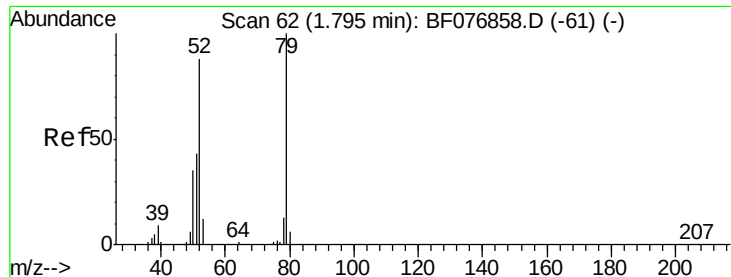
1,4-Dioxane
Concen: 19.06 ng
RT: 1.17 min Scan# 7
Delta R.T. 0.02 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion: 88 Resp: 16557
Ion Ratio Lower Upper
88 100
58 102.8 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: 21.73 ng

RT: 1.61 min Scan# 46

Delta R.T. 0.03 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

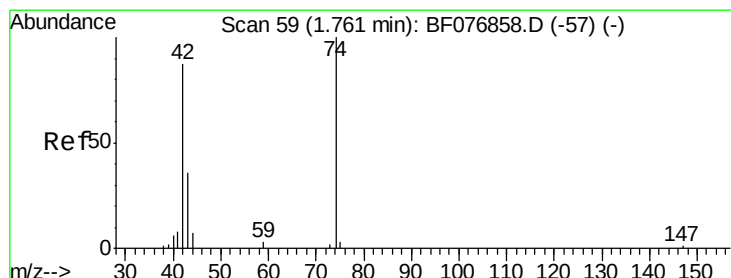
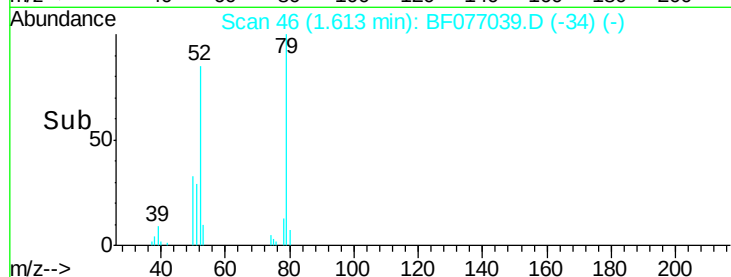
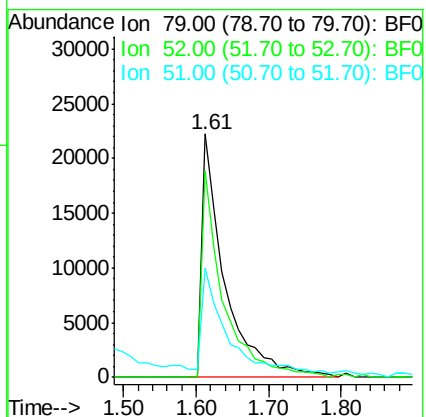
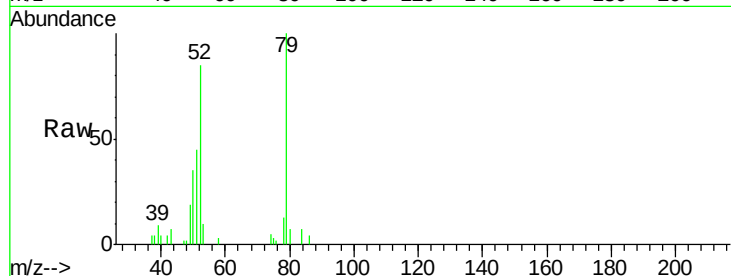
Tot Ion: 79 Resp: 48847

Ion Ratio Lower Upper

79 100

52 84.9 70.1 105.1

51 45.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 26.30 ng

RT: 1.57 min Scan# 42

Delta R.T. 0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

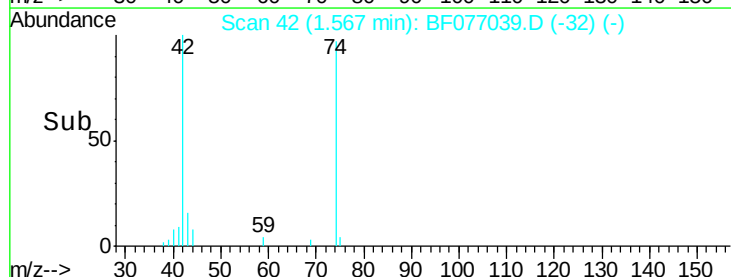
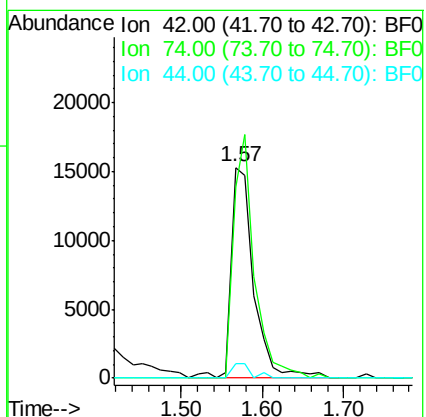
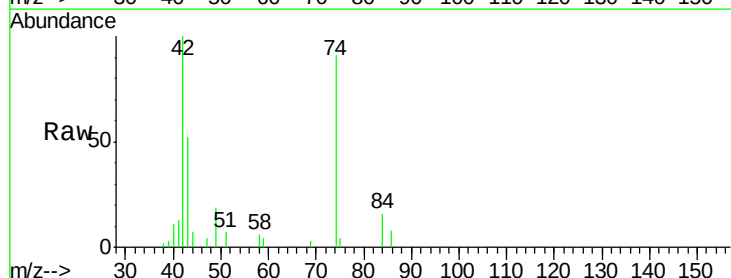
Tgt Ion: 42 Resp: 29294

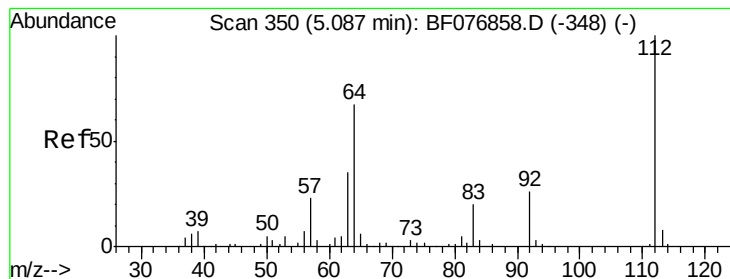
Ion Ratio Lower Upper

42 100

74 90.8 92.4 138.6#

44 7.2 6.2 9.2





#5

2-Fluorophenol

Concen: 62.80 ng

RT: 4.79 min Scan# 324

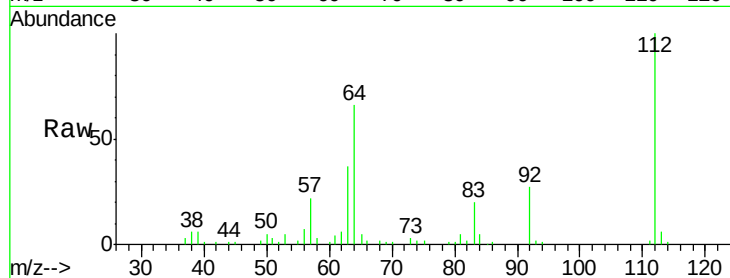
Delta R.T. 0.01 min

Lab File: BF077039.D

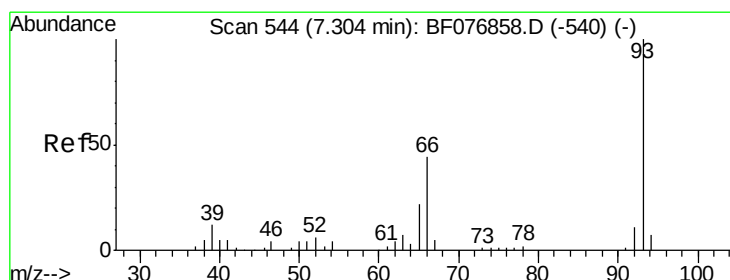
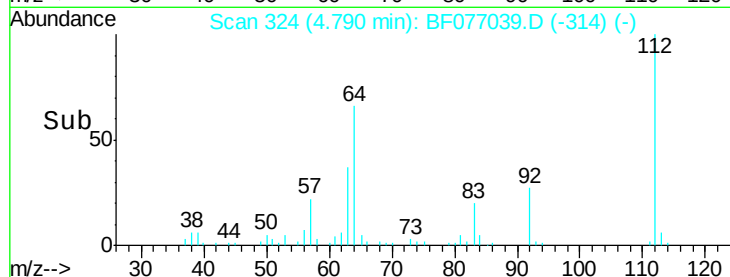
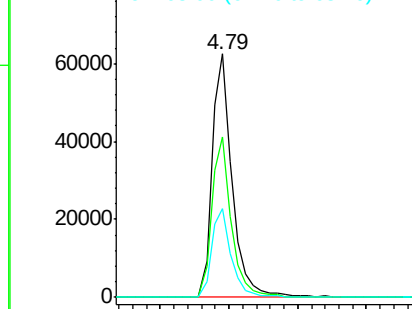
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	127444
Ion	Ratio	Lower	Upper
112	100		
64	65.8	54.2	81.4
63	36.6	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): BF077039.D (-314) (-)



#6

Aniline

Concen: 14.10 ng

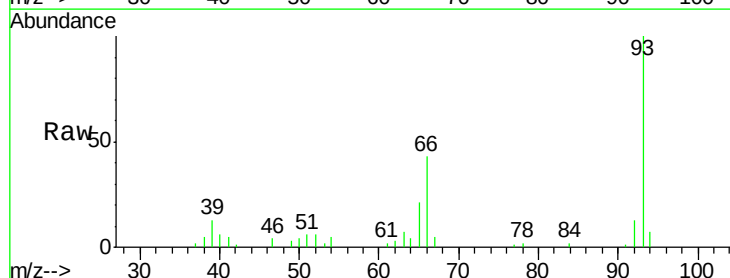
RT: 7.04 min Scan# 521

Delta R.T. 0.00 min

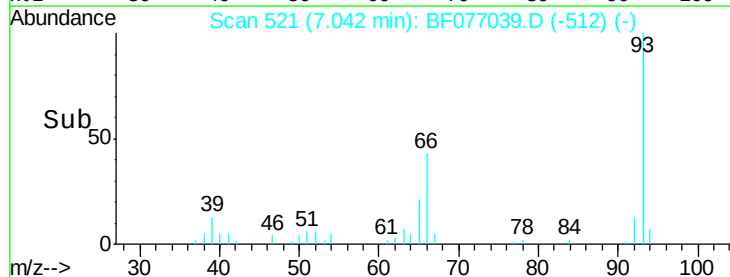
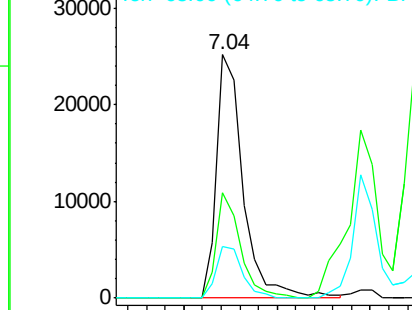
Lab File: BF077039.D

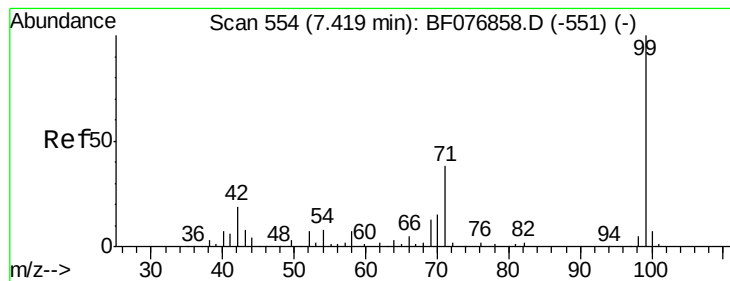
Acq: 23 Jan 2015 16:03

Tgt Ion:	93	Resp:	49960
Ion	Ratio	Lower	Upper
93	100		
66	43.2	35.0	52.4
65	21.4	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BF077039.D (-512) (-)





#7

Phenol-d6

Concen: 61.07 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampled :

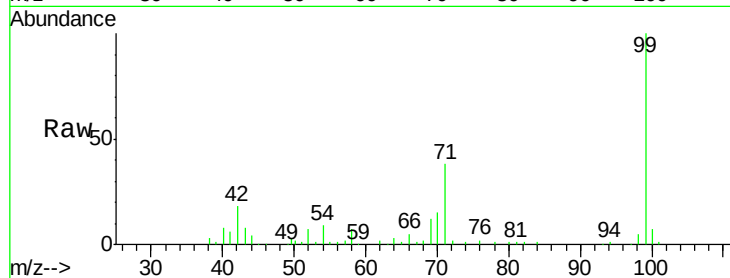
Tot Ion: 99 Resp: 156338

Ion Ratio Lower Upper

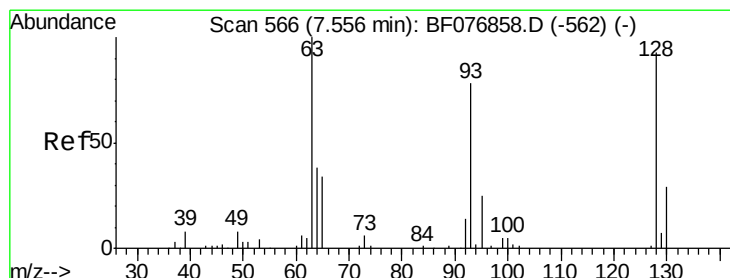
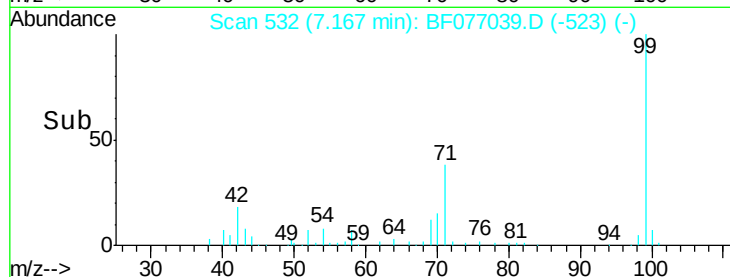
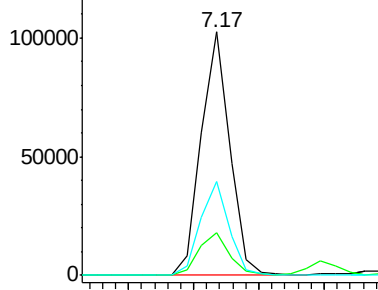
99 100

42 17.5 15.0 22.4

71 38.5 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: 24.79 ng

RT: 7.29 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

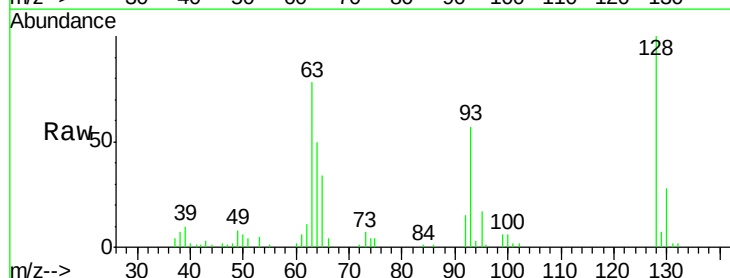
Tgt Ion: 128 Resp: 57993

Ion Ratio Lower Upper

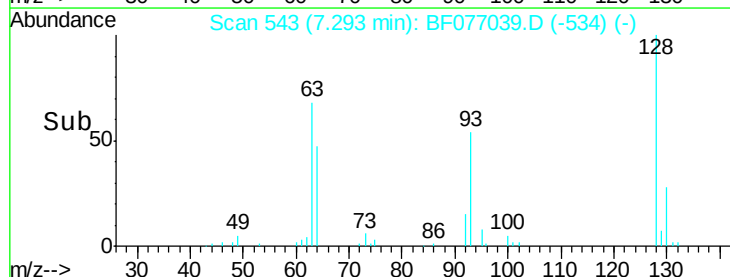
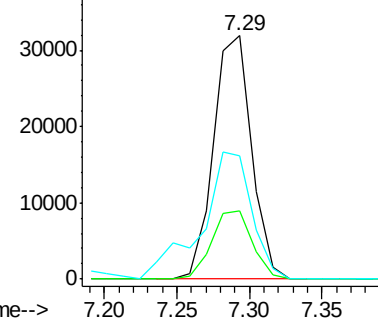
128 100

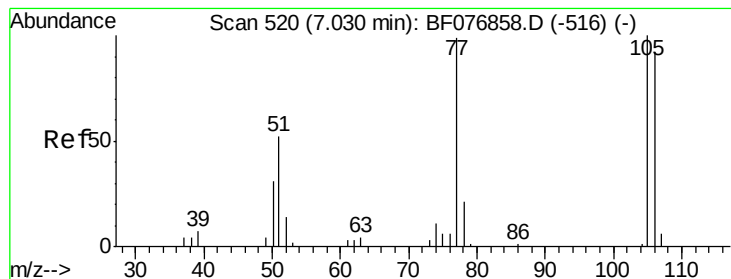
130 28.0 11.0 51.0

64 50.4 29.3 69.3



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





#9

Benzaldehyde

Concen: 6.09 ng

RT: 6.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

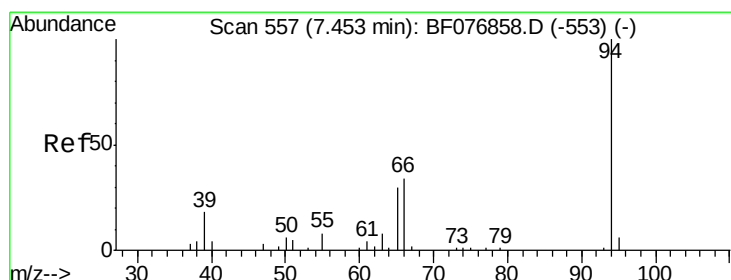
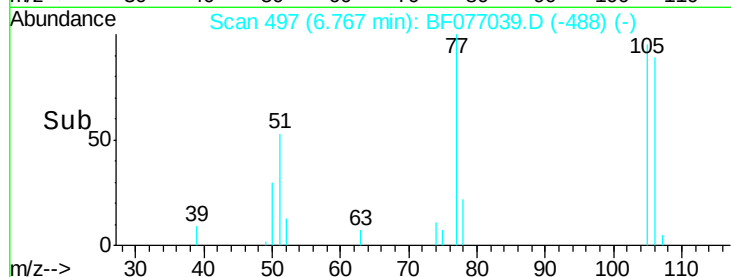
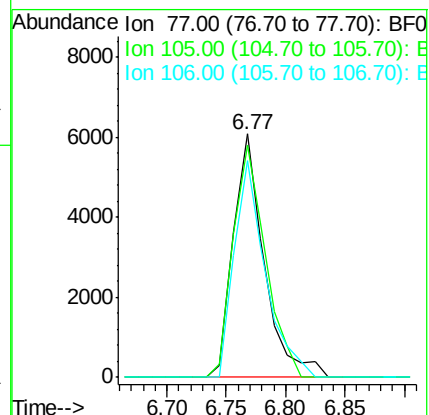
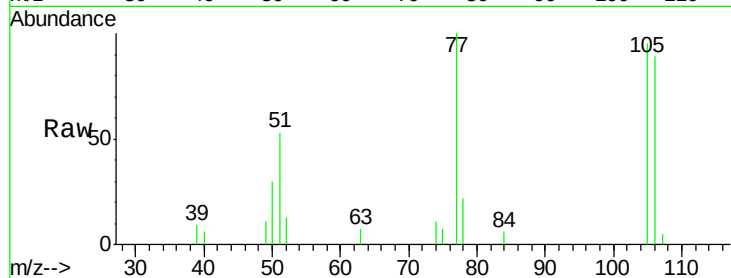
Tot Ion: 77 Resp: 11020

Ion Ratio Lower Upper

77 100

105 95.2 81.4 121.4

106 89.3 72.8 112.8



#10

Phenol

Concen: 24.37 ng

RT: 7.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

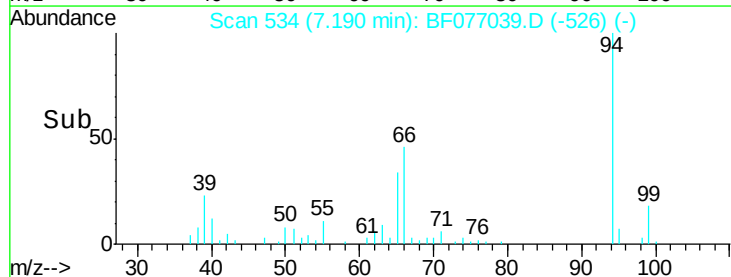
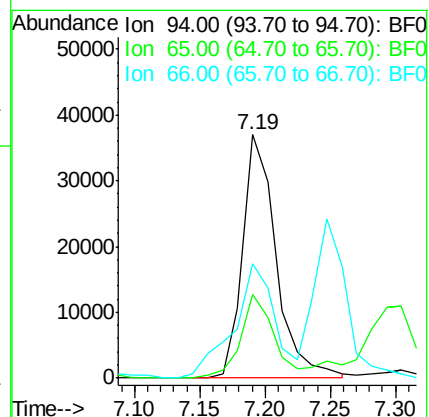
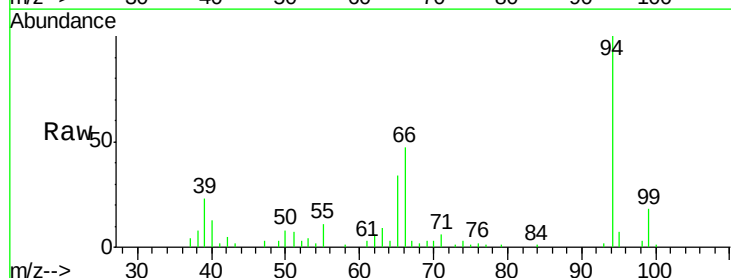
Tgt Ion: 94 Resp: 66248

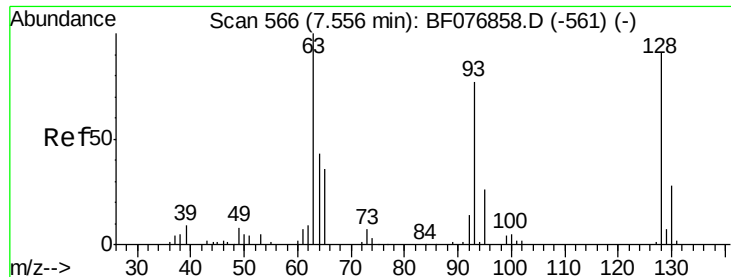
Ion Ratio Lower Upper

94 100

65 34.3 11.3 51.3

66 47.0 19.5 59.5

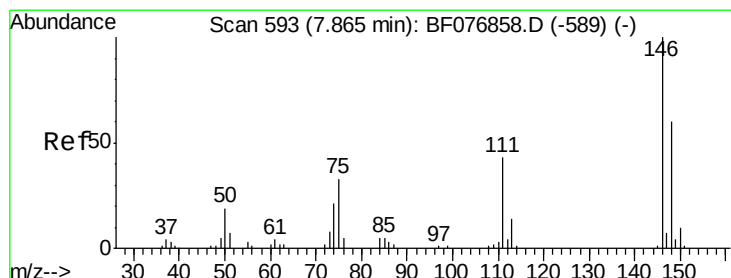
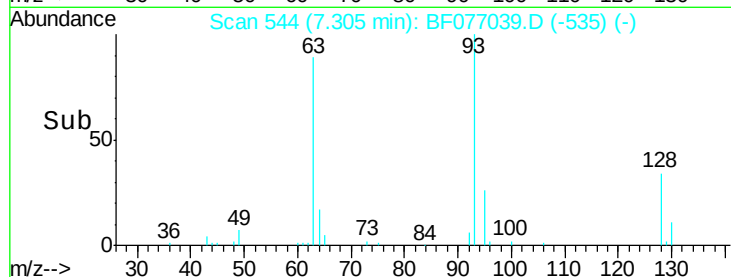
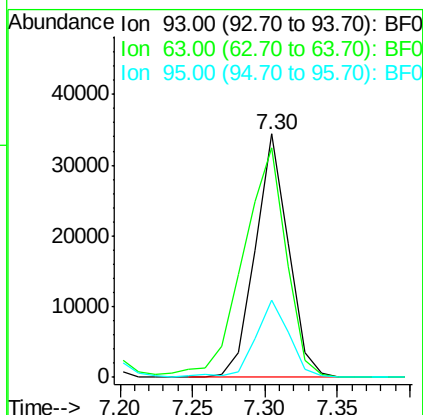
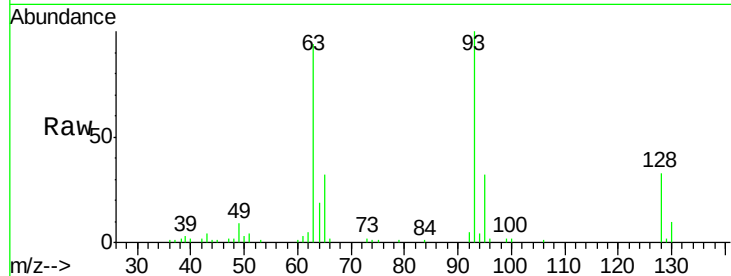




#11
bis(2-Chloroethyl)ether
Concen: 25.58 ng
RT: 7.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

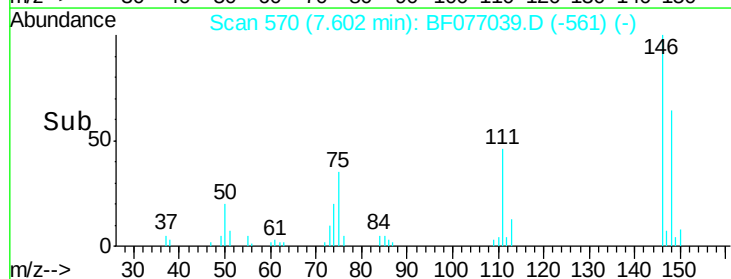
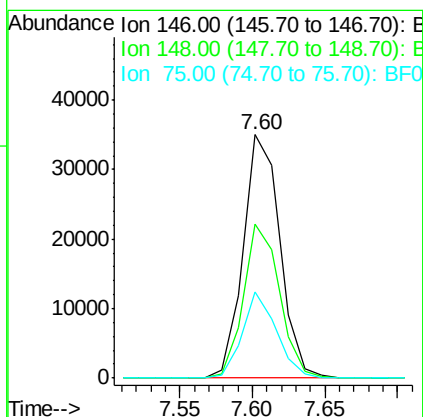
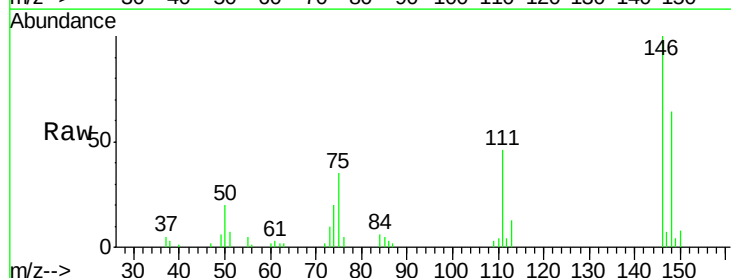
Instrument :
BNA_F
ClientSampleId :

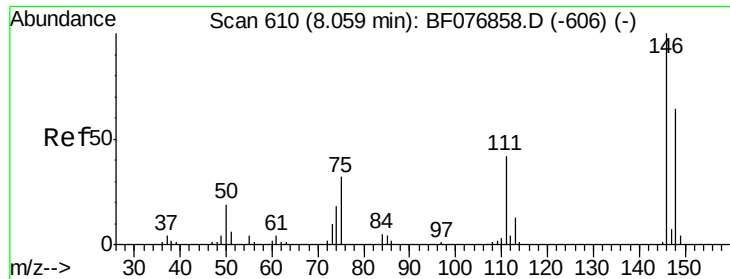
Tot Ion: 93 Resp: 54397
Ion Ratio Lower Upper
93 100
63 94.0 111.3 151.3#
95 31.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 23.02 ng
RT: 7.60 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion: 146 Resp: 61268
Ion Ratio Lower Upper
146 100
148 63.5 48.1 72.1
75 35.2 26.8 40.2

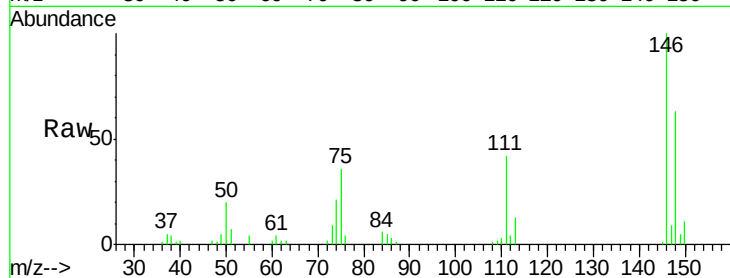




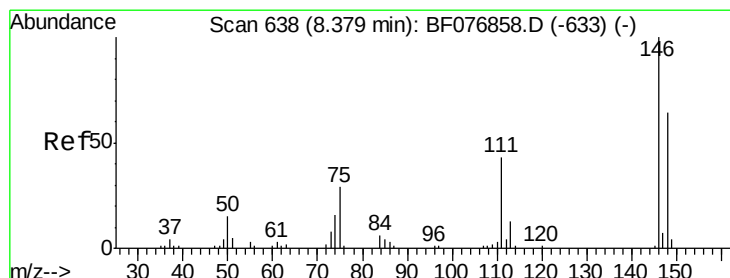
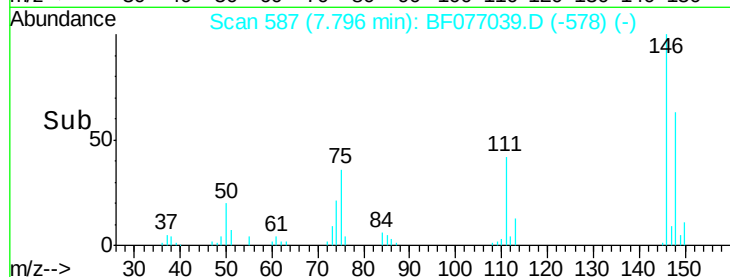
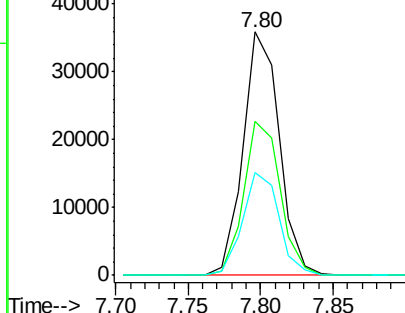
#13
 1,4-Dichlorobenzene
 Concen: 21.98 ng
 RT: 7.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 62040
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 42.3 33.9 50.9

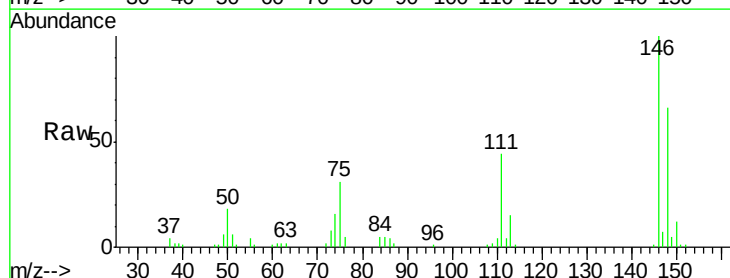


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

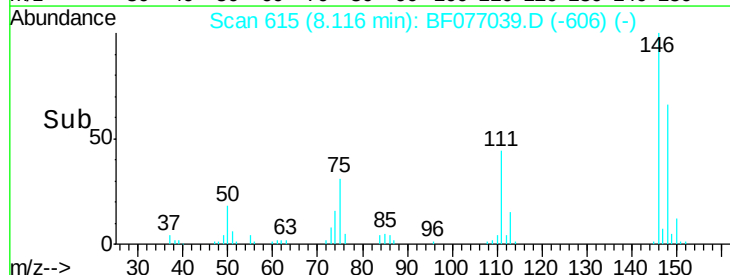
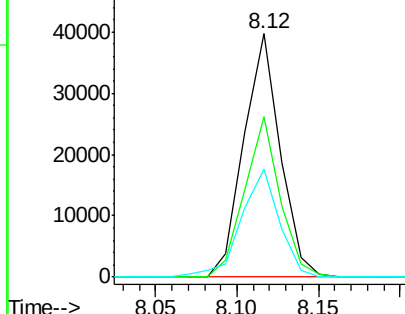


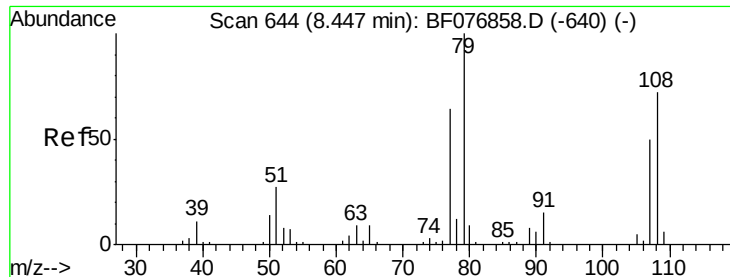
#14
 1,2-Dichlorobenzene
 Concen: 23.61 ng
 RT: 8.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:146 Resp: 61387
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.3 76.9
 111 44.4 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 23.61 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

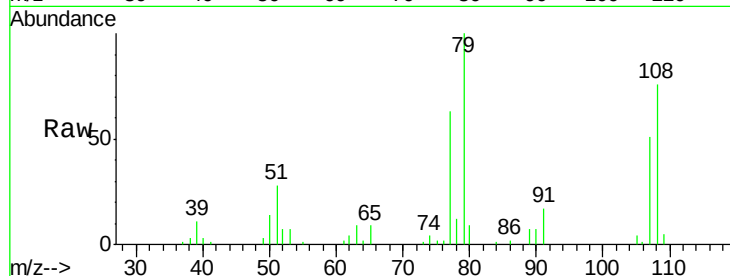
Tot Ion: 79 Resp: 48908

Ion Ratio Lower Upper

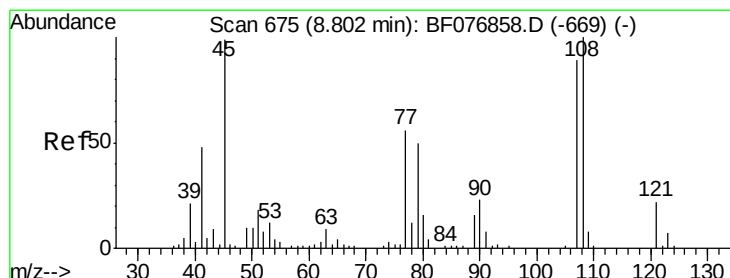
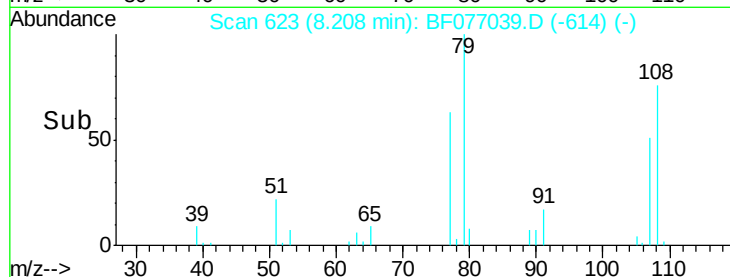
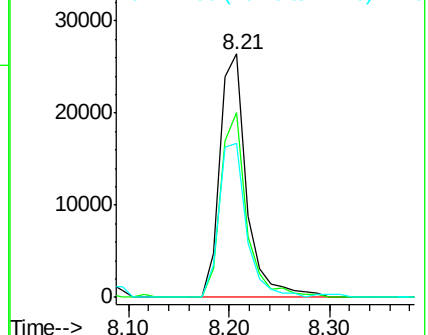
79 100

108 75.7 57.2 85.8

77 63.3 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: 23.52 ng

RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

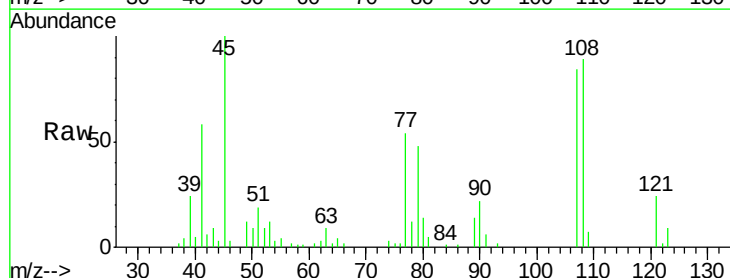
Tgt Ion: 45 Resp: 67253

Ion Ratio Lower Upper

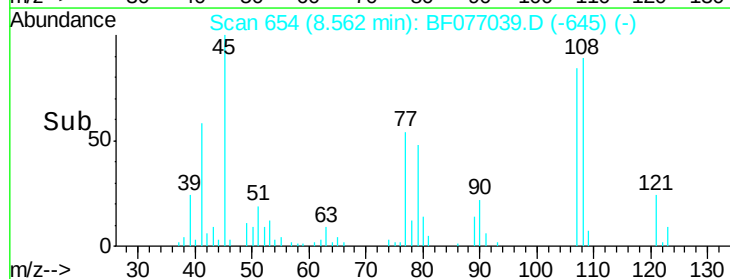
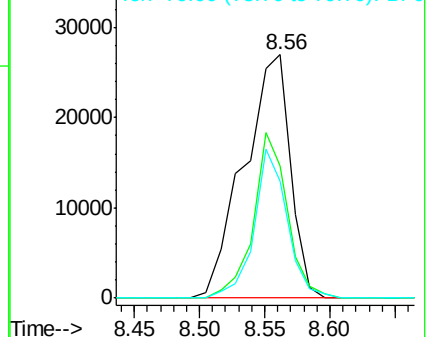
45 100

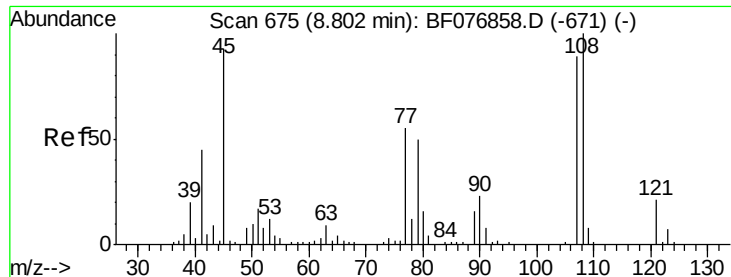
77 54.4 36.1 76.1

79 48.0 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

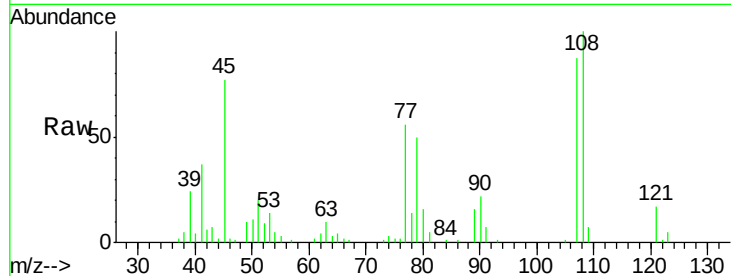




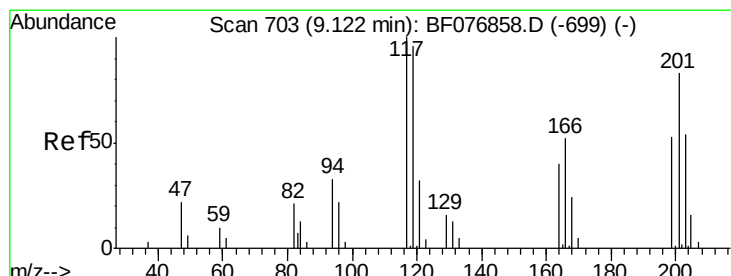
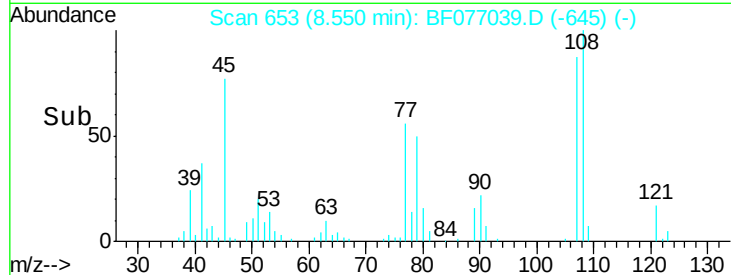
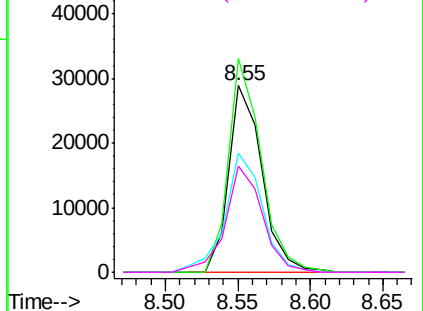
#17
2-Methylphenol
Concen: 24.07 ng
RT: 8.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 46020
Ion Ratio Lower Upper
107 100
108 114.6 89.7 134.5
77 63.7 50.1 75.1
79 57.0 45.0 67.6

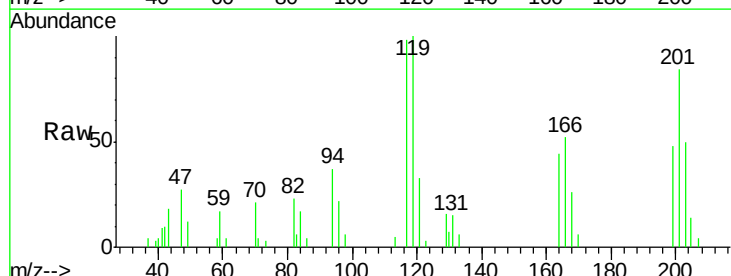


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

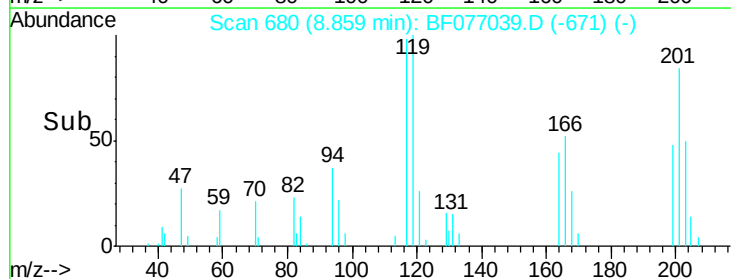
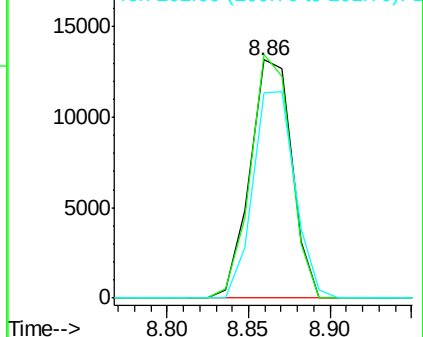


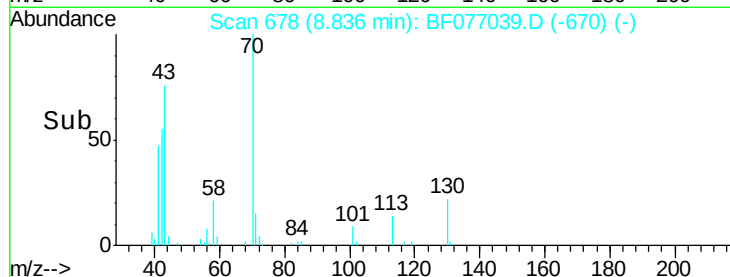
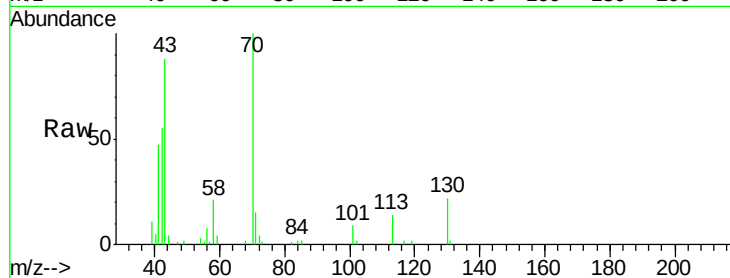
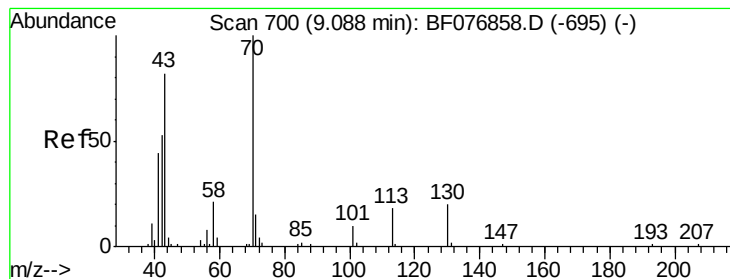
#18
Hexachloroethane
Concen: 23.95 ng
RT: 8.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:117 Resp: 23508
Ion Ratio Lower Upper
117 100
119 102.3 77.1 115.7
201 86.0 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: 23.57 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42236

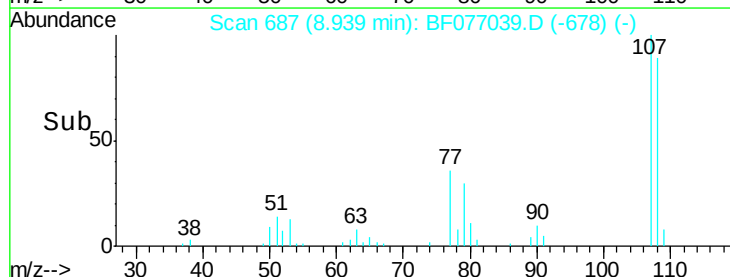
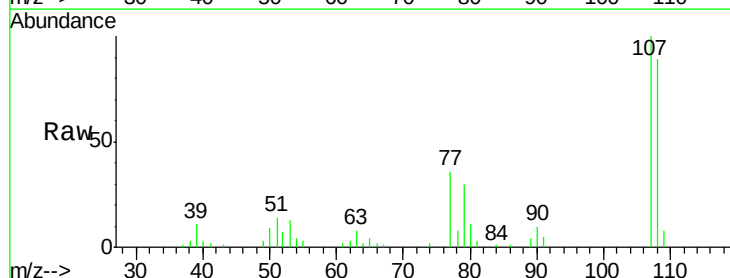
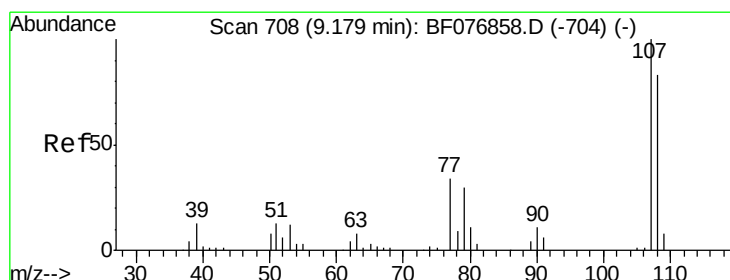
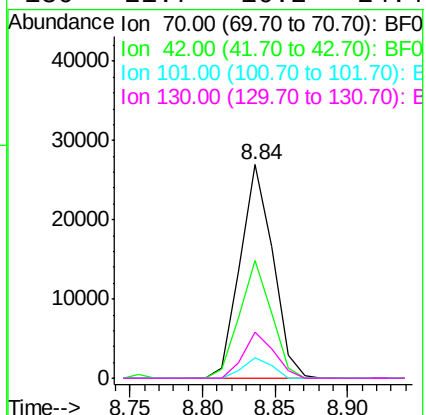
Ion Ratio Lower Upper

70 100

42 55.2 42.1 63.1

101 9.3 7.8 11.8

130 21.7 16.2 24.4



#20

3+4-Methylphenols

Concen: 22.38 ng

RT: 8.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Tgt Ion: 107 Resp: 56665

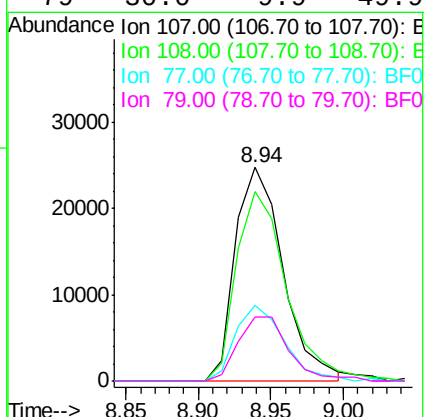
Ion Ratio Lower Upper

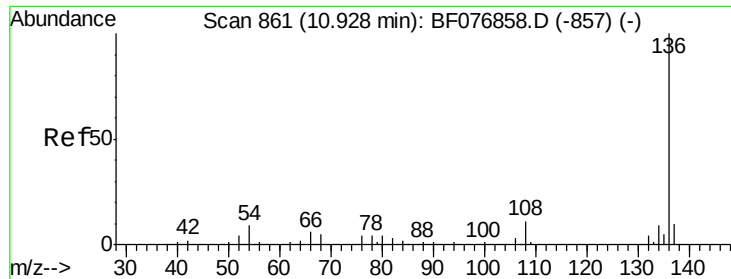
107 100

108 88.7 63.5 103.5

77 35.5 14.0 54.0

79 30.0 9.9 49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 135757

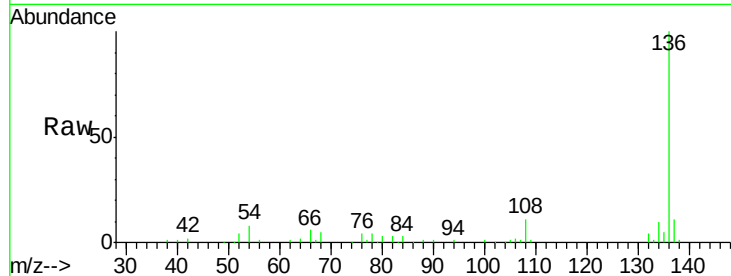
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.2 7.0 10.4

68 4.8 3.7 5.5

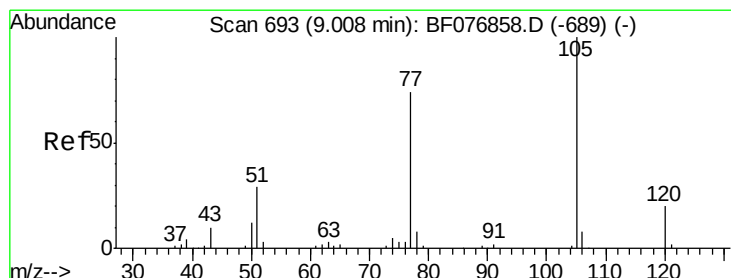
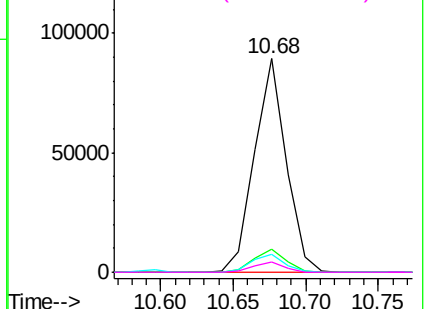
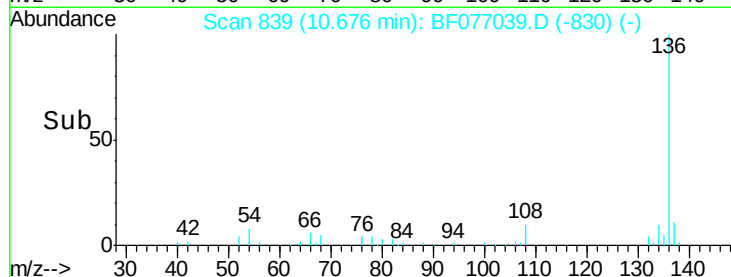


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.27 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Tgt Ion:105 Resp: 84034

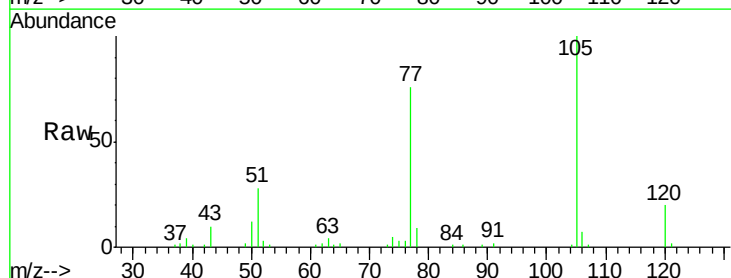
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.8 23.3 34.9

120 20.2 16.1 24.1

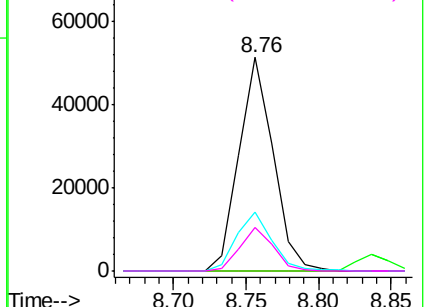
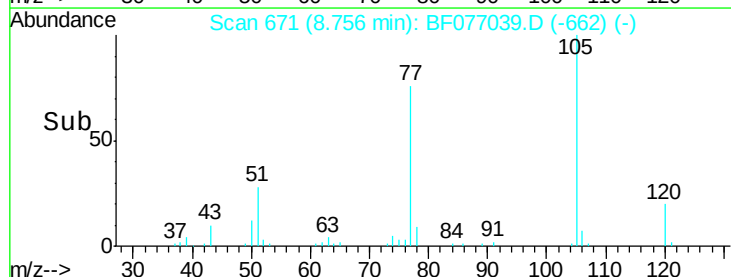


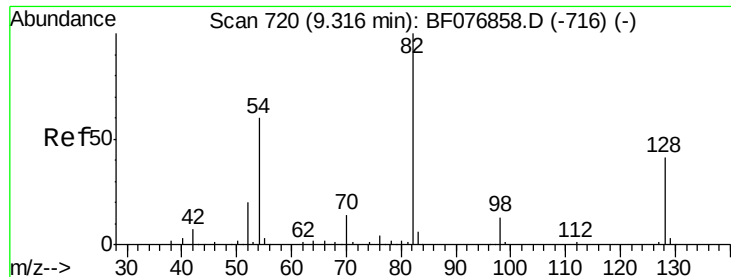
Abundance Ion 105.00 (104.70 to 105.70): E

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

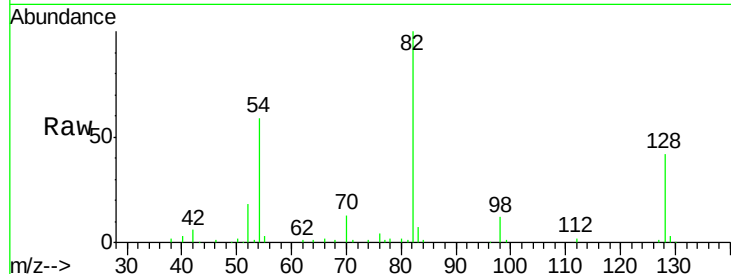




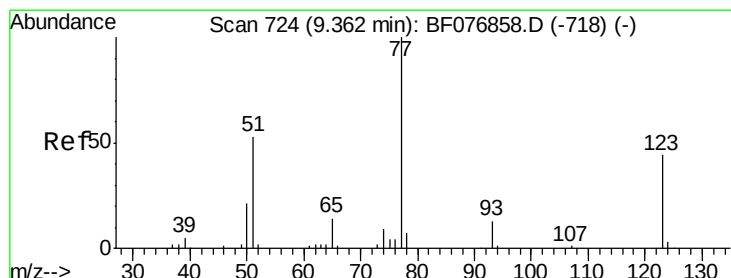
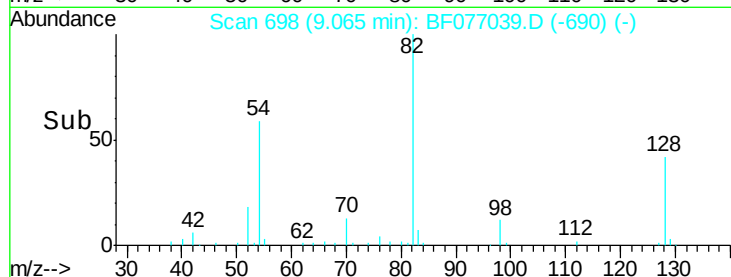
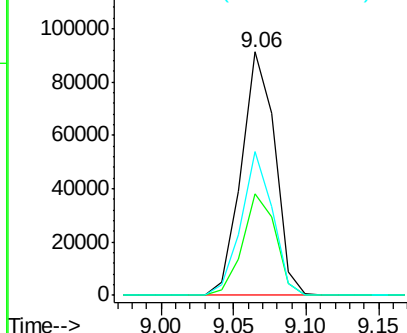
#23
 Nitrobenzene-d5
 Concen: 59.75 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	146418
Ion Ratio	100	Lower	Upper
128	41.6	33.1	49.7
54	59.3	48.3	72.5

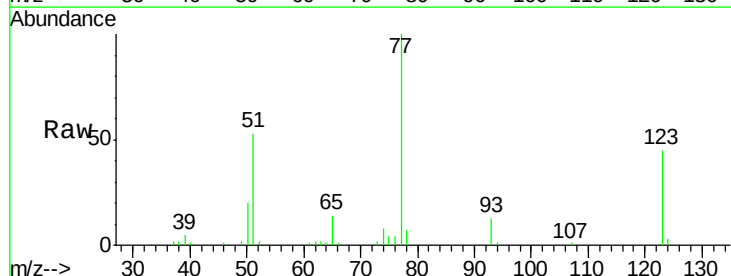


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

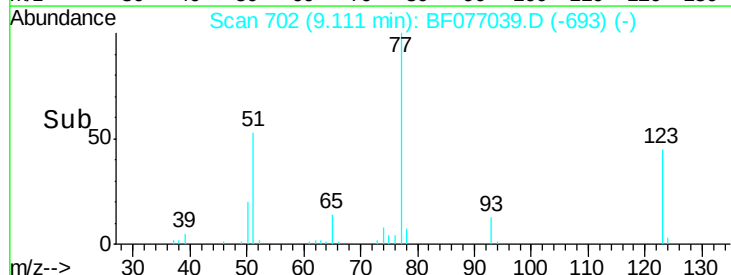
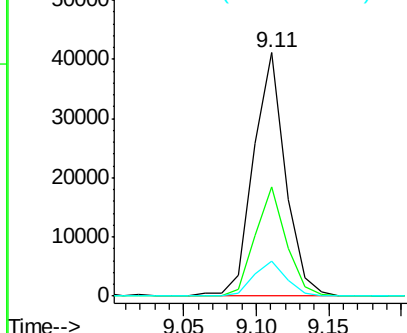


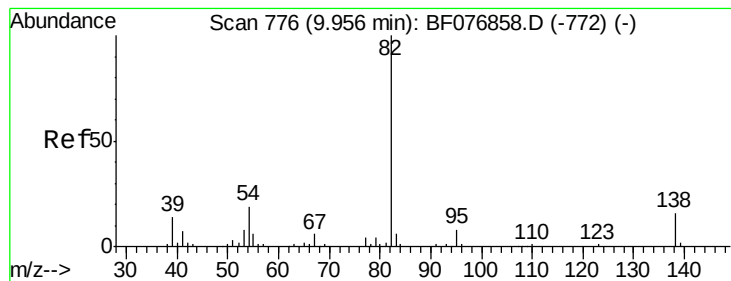
#24
 Nitrobenzene
 Concen: 25.16 ng
 RT: 9.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion	77	Resp	62810
Ion Ratio	100	Lower	Upper
123	44.8	35.2	52.8
65	14.4	11.4	17.2



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





#25

Isophorone

Concen: 24.87 ng

RT: 9.70 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

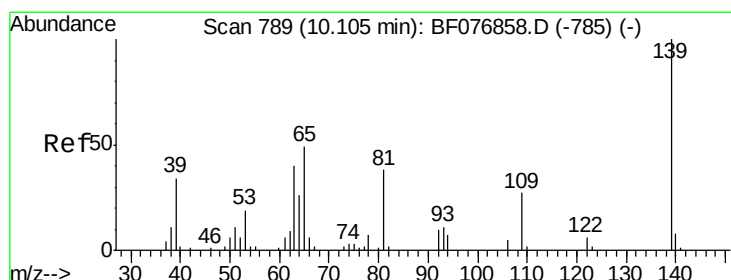
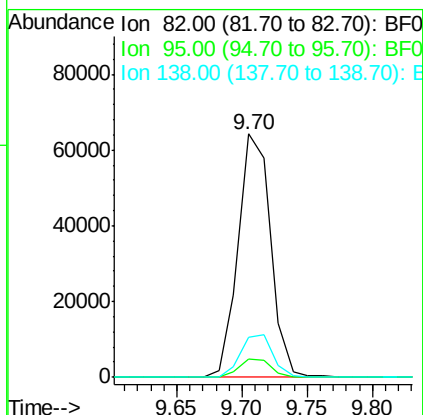
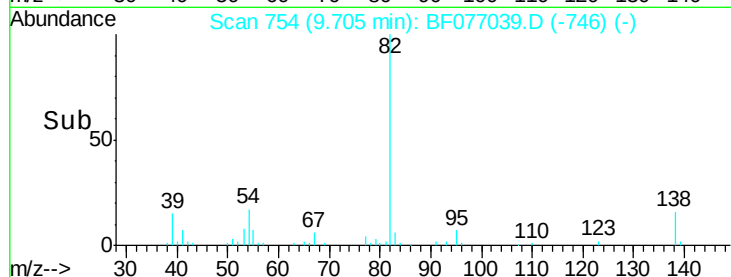
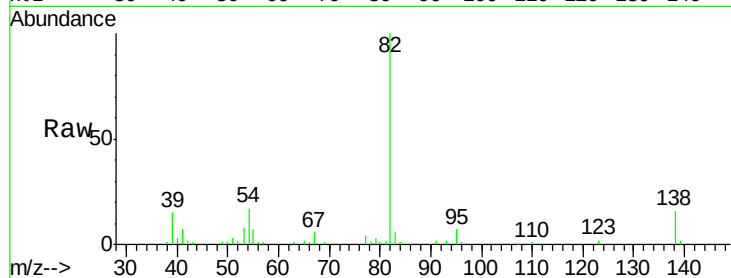
Tot Ion: 82 Resp: 110973

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

138 16.4 12.6 18.8



#26

2-Nitrophenol

Concen: 24.84 ng

RT: 9.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

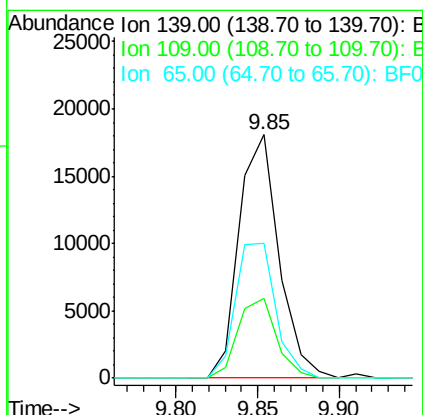
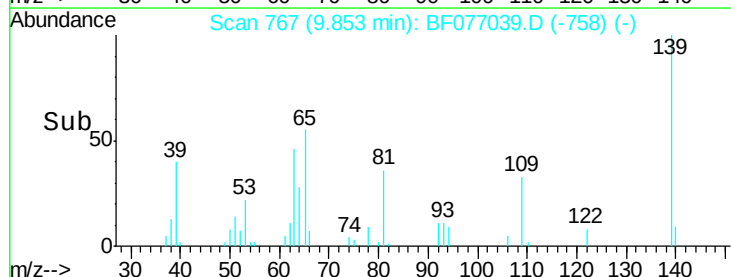
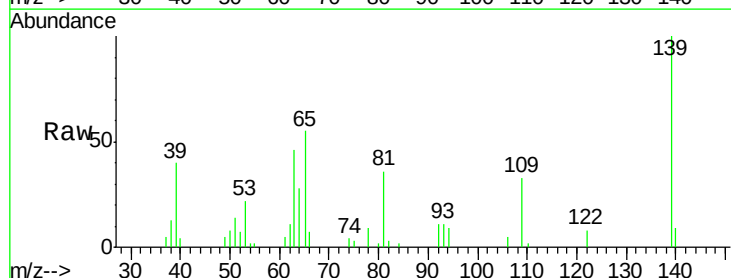
Tgt Ion: 139 Resp: 30617

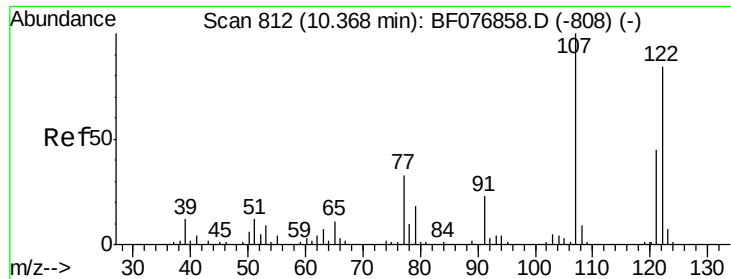
Ion Ratio Lower Upper

139 100

109 32.9 21.3 31.9#

65 55.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 26.44 ng

RT: 10.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampled :

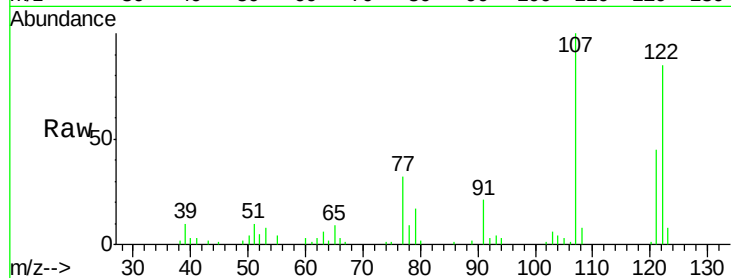
Tot Ion:122 Resp: 51038

Ion Ratio Lower Upper

122 100

107 117.4 95.2 142.8

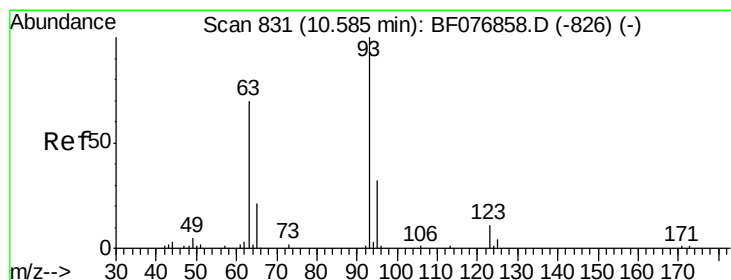
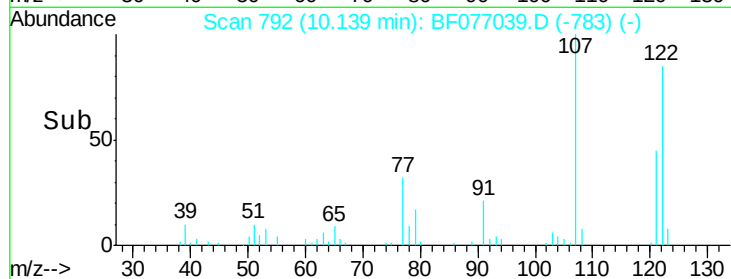
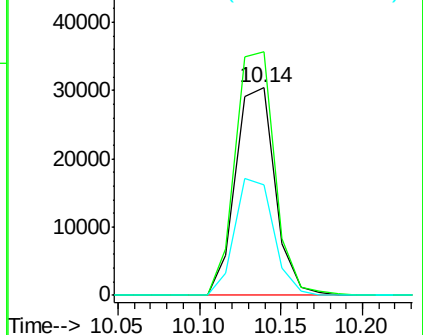
121 53.4 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 26.03 ng

RT: 10.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

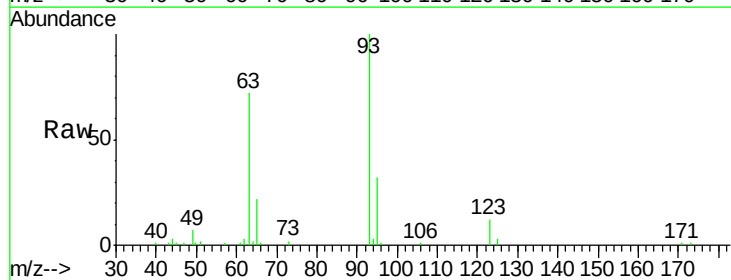
Tgt Ion: 93 Resp: 66033

Ion Ratio Lower Upper

93 100

95 31.6 25.6 38.4

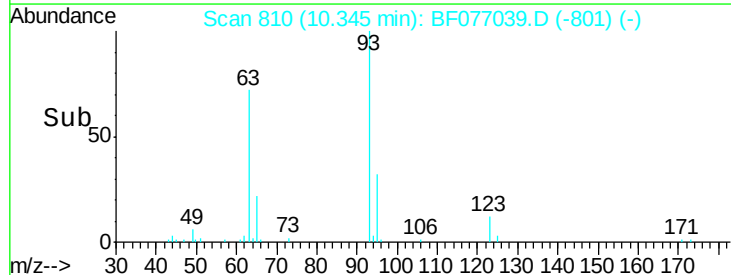
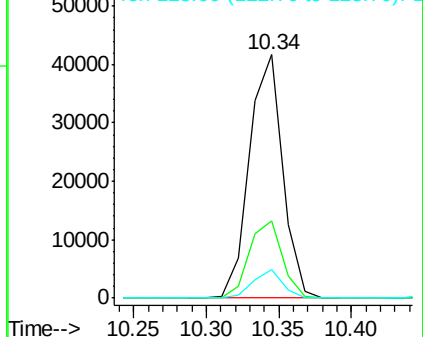
123 11.8 8.9 13.3

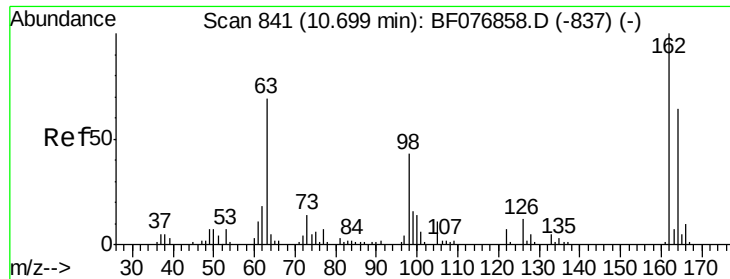


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

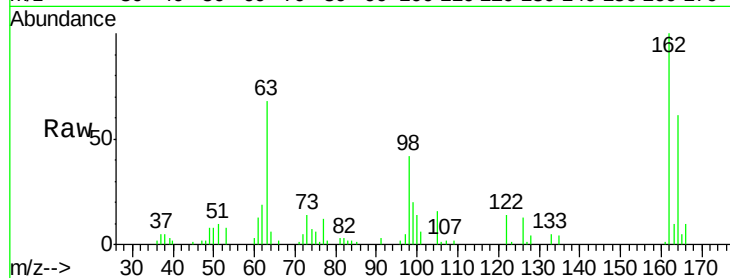




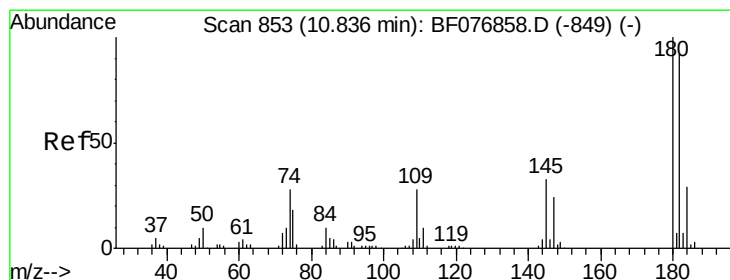
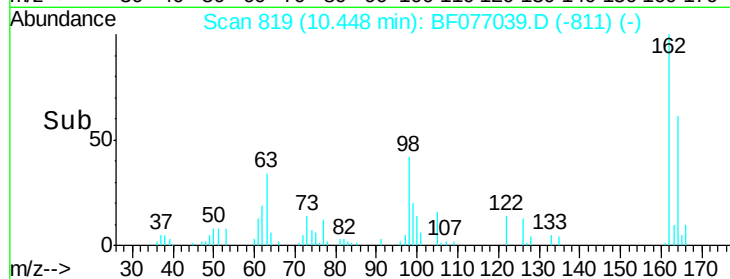
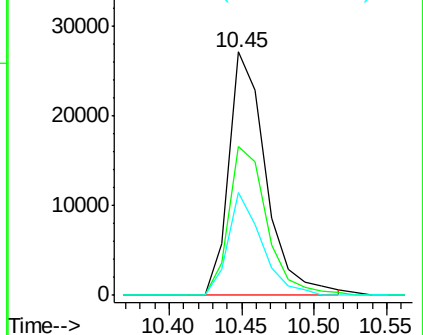
#29
 2,4-Dichlorophenol
 Concen: 26.79 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 48204
 Ion Ratio Lower Upper
 162 100
 164 61.0 43.8 83.8
 98 42.5 22.5 62.5

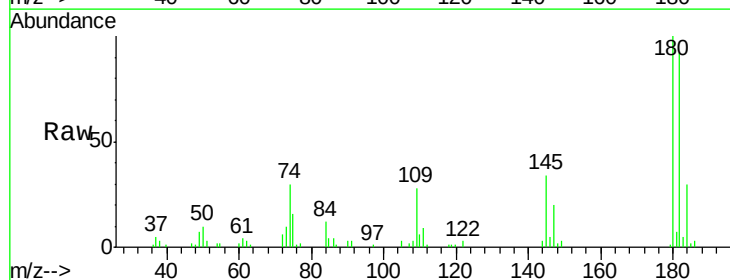


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

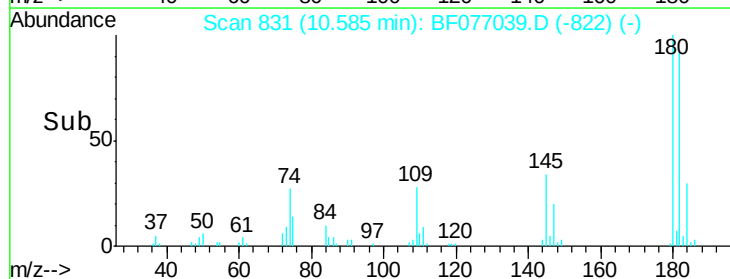
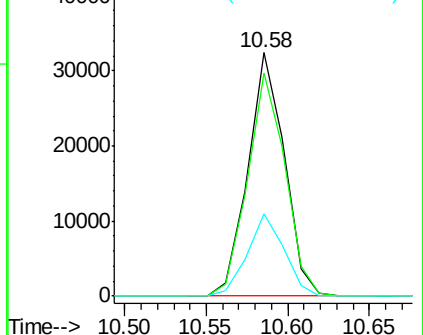


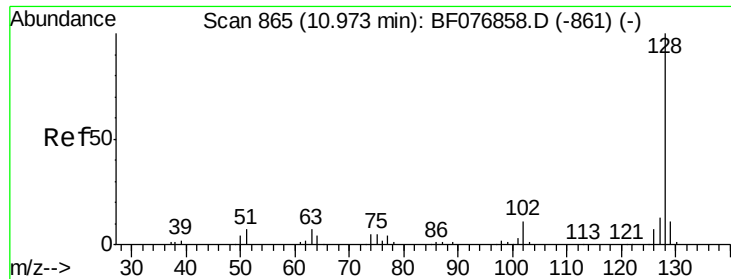
#30
 1,2,4-Trichlorobenzene
 Concen: 25.15 ng
 RT: 10.58 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:180 Resp: 50250
 Ion Ratio Lower Upper
 180 100
 182 91.6 73.6 110.4
 145 33.7 26.6 39.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

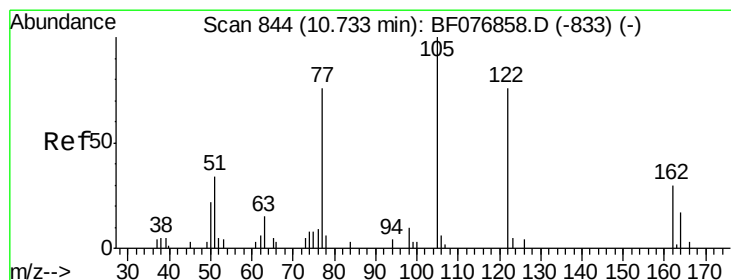
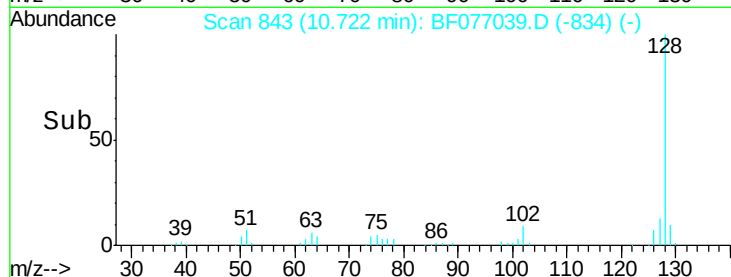
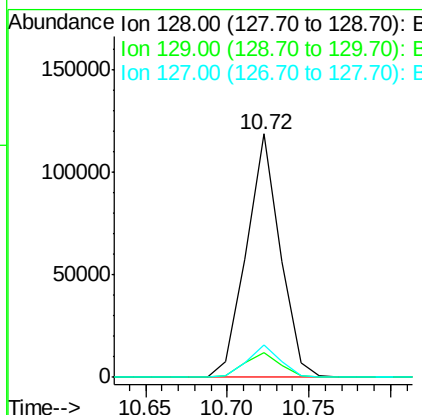
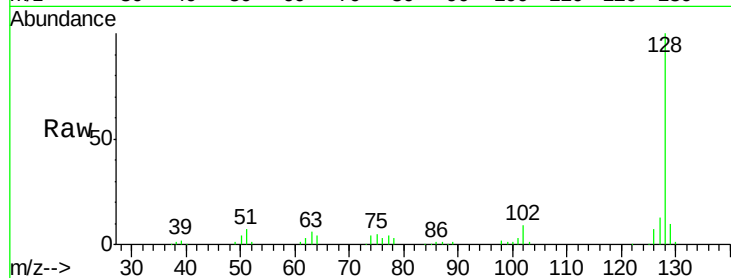




#31
Naphthalene
Concen: 24.28 ng
RT: 10.72 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

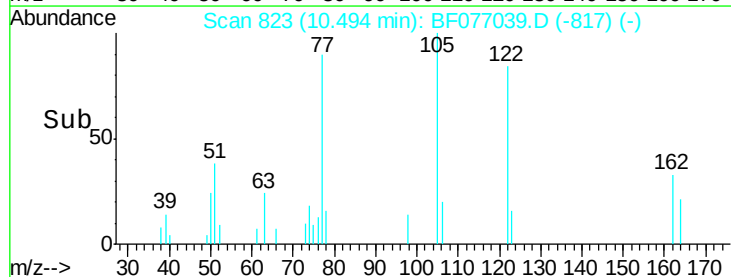
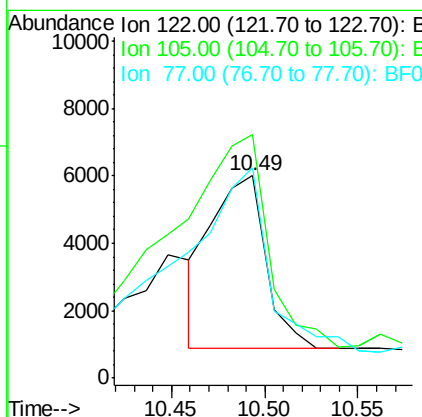
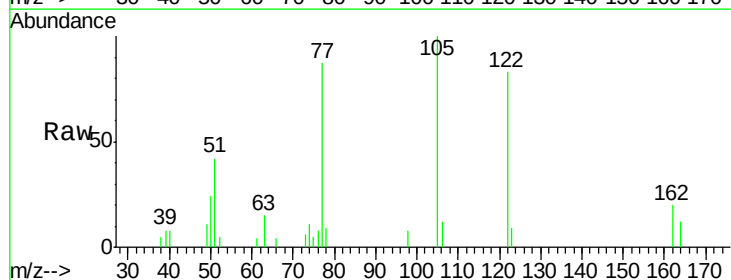
Instrument :
BNA_F
ClientSampleId :

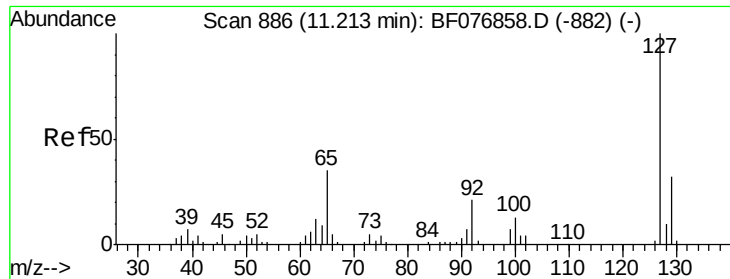
Tot Ion:128 Resp: 169668
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 9.71 ng
RT: 10.49 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:122 Resp: 10389
Ion Ratio Lower Upper
122 100
105 120.4 111.3 151.3
77 104.2 79.2 119.2

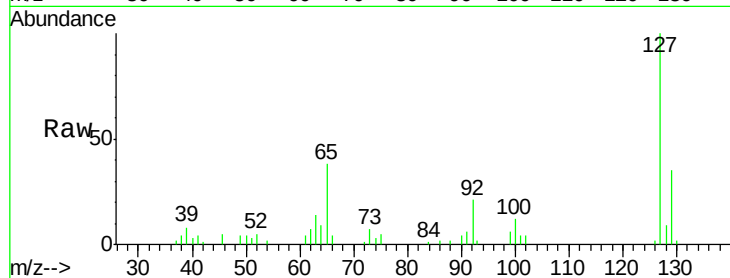




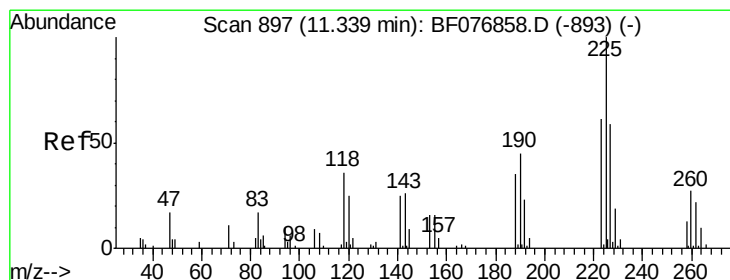
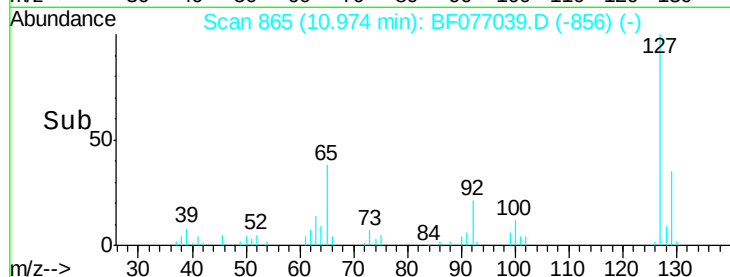
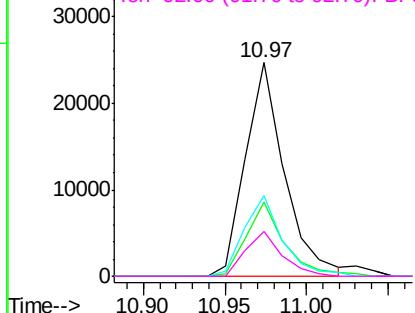
#33
4-Chloroaniline
Concen: 14.58 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 41175
Ion Ratio Lower Upper
127 100
129 34.7 25.3 37.9
65 37.6 27.8 41.6
92 21.0 16.5 24.7

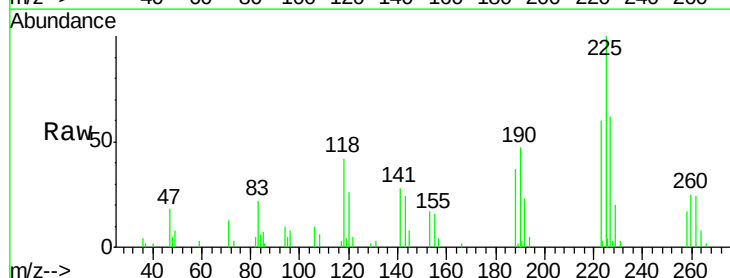


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

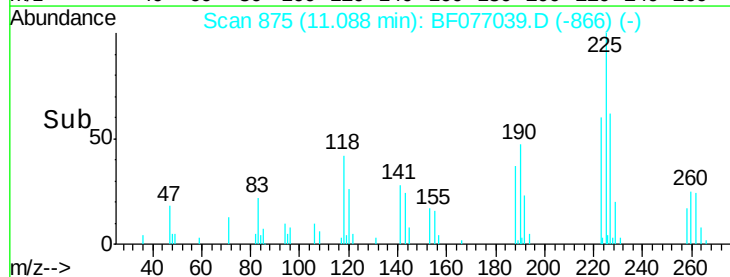
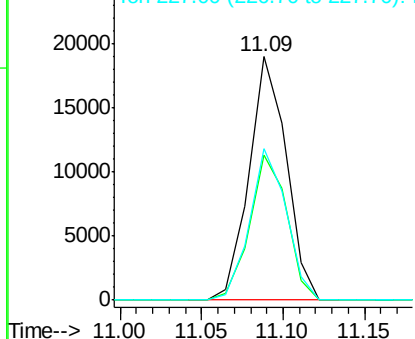


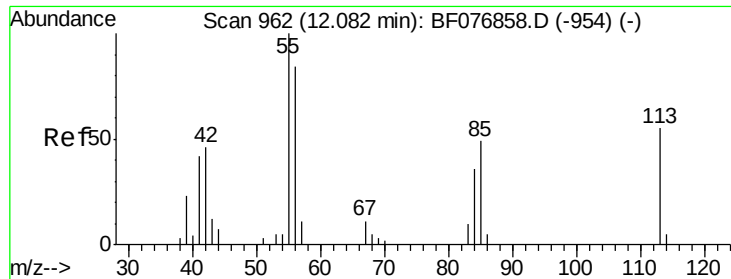
#34
Hexachlorobutadiene
Concen: 25.37 ng
RT: 11.09 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:225 Resp: 30079
Ion Ratio Lower Upper
225 100
223 59.6 49.1 73.7
227 62.3 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

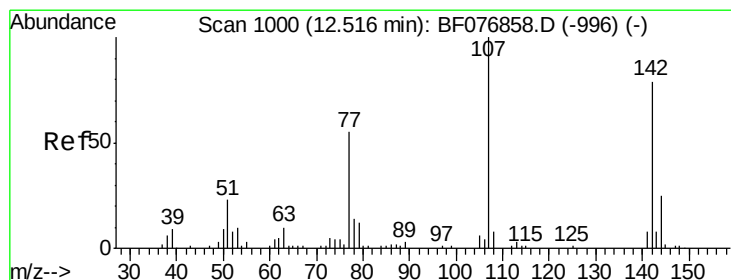
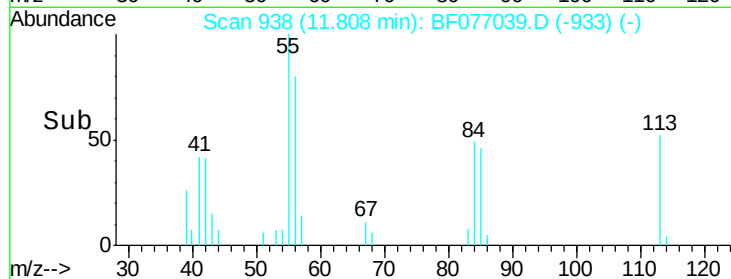
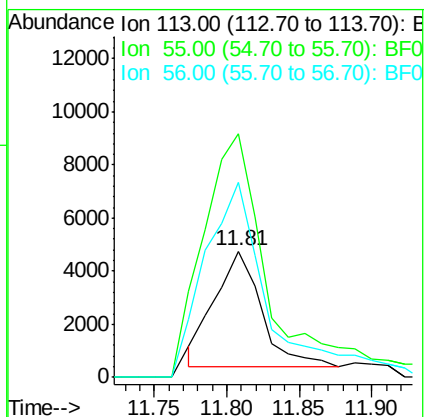
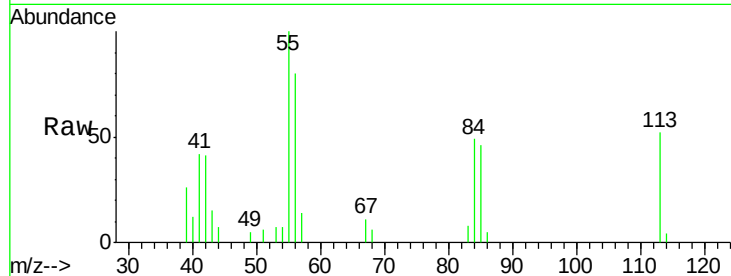




#35
 Caprolactam
 Concen: 18.52 ng
 RT: 11.81 min Scan# 938
 Delta R.T. -0.05 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

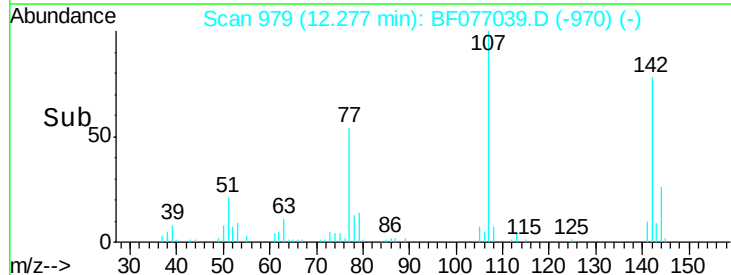
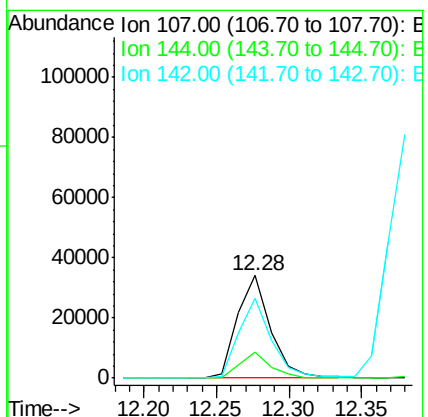
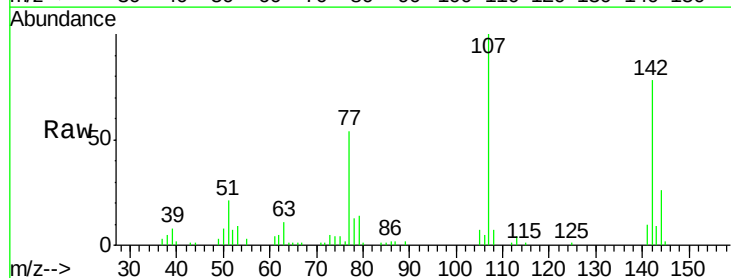
Instrument :
 BNA_F
 ClientSampleId :

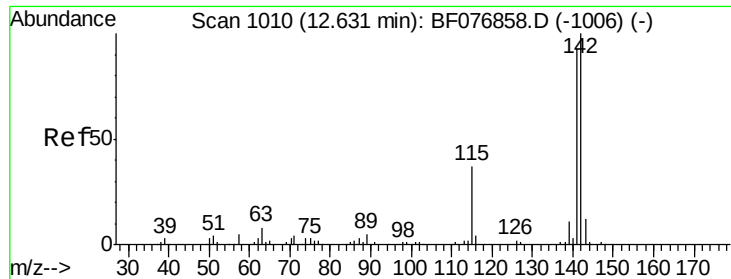
Tot Ion:113 Resp: 9807
 Ion Ratio Lower Upper
 113 100
 55 192.5 162.1 202.1
 56 154.1 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 26.32 ng
 RT: 12.28 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:107 Resp: 54210
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 78.0 63.5 95.3

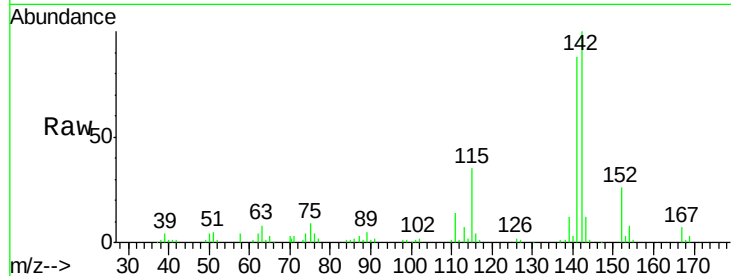




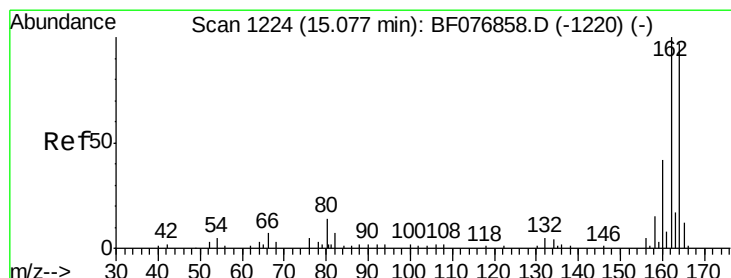
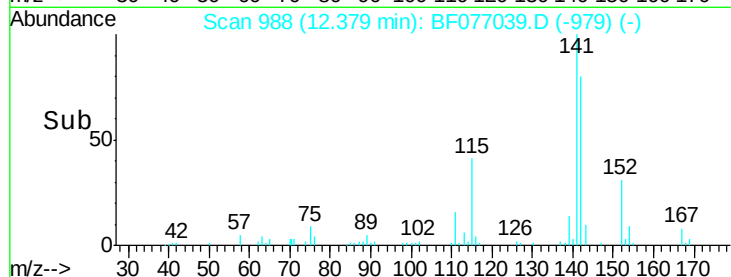
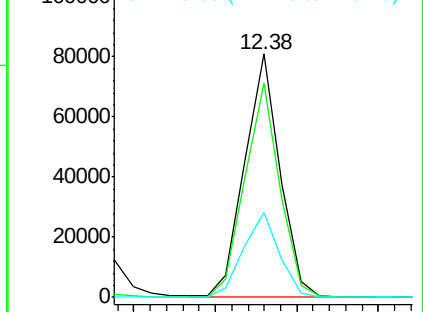
#37
2-Methylnaphthalene
Concen: 25.43 ng
RT: 12.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 121383
Ion Ratio Lower Upper
142 100
141 87.9 74.5 111.7
115 34.9 29.7 44.5

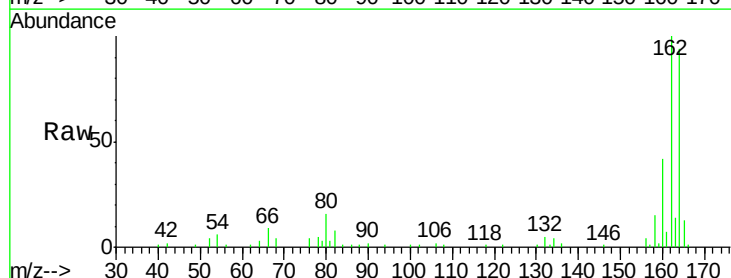


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

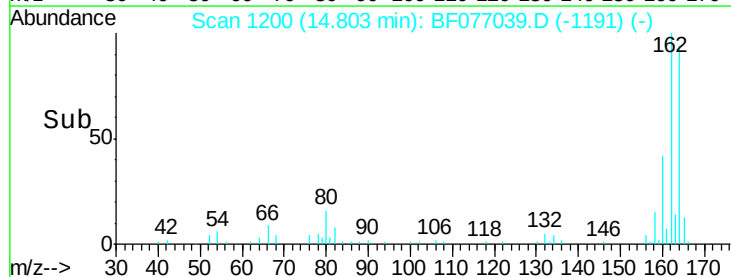
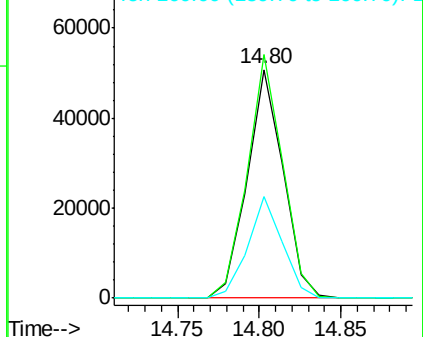


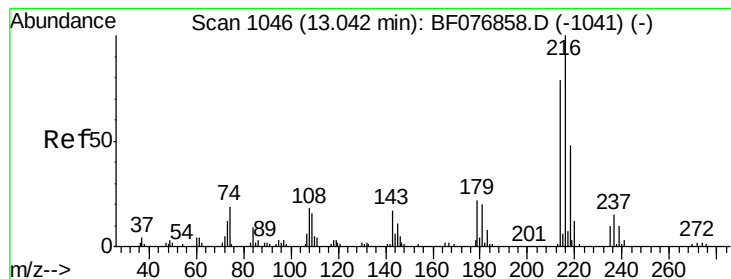
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:164 Resp: 77666
Ion Ratio Lower Upper
164 100
162 106.4 82.4 123.6
160 44.6 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.28 ng

RT: 12.78 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 46614

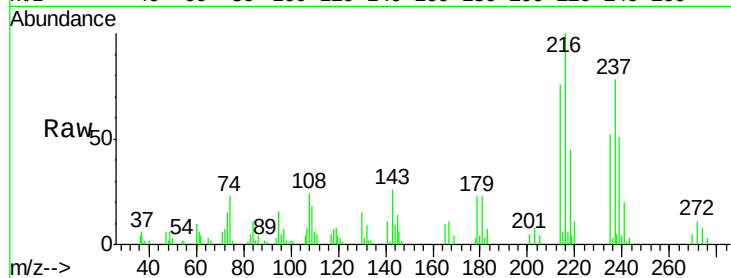
Ion Ratio Lower Upper

216 100

214 79.1 64.9 97.3

179 24.3 18.6 28.0

108 25.2 18.1 27.1

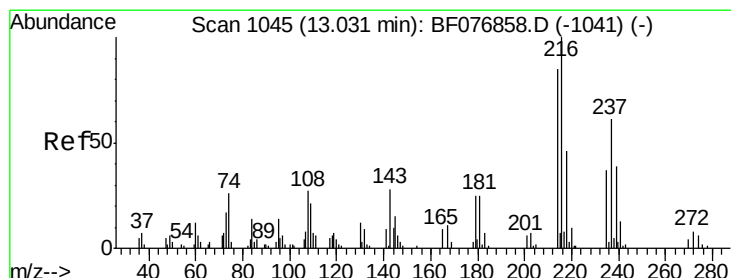
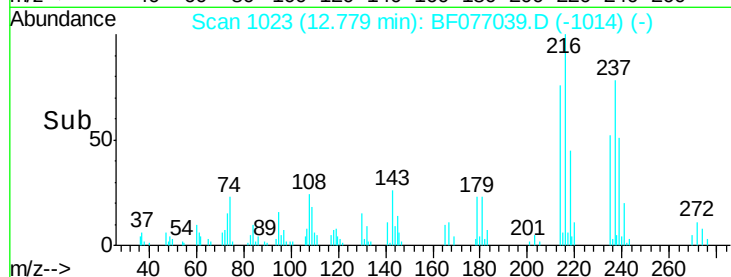
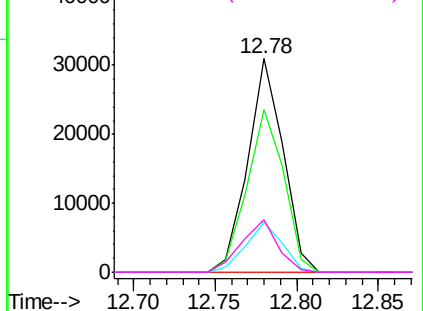


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.14 ng

RT: 12.77 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

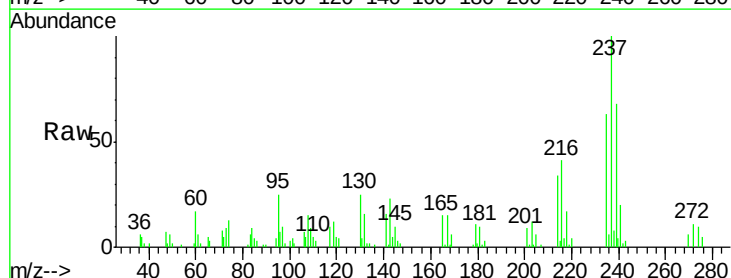
Tgt Ion:237 Resp: 51048

Ion Ratio Lower Upper

237 100

235 62.8 40.4 80.4

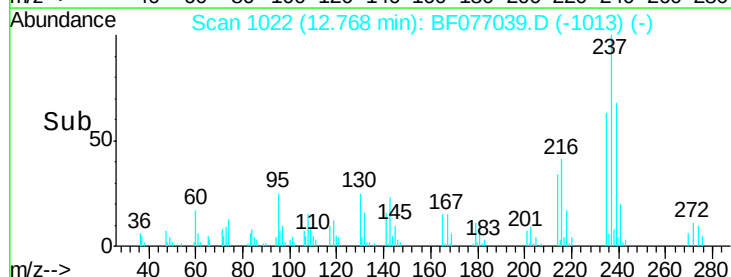
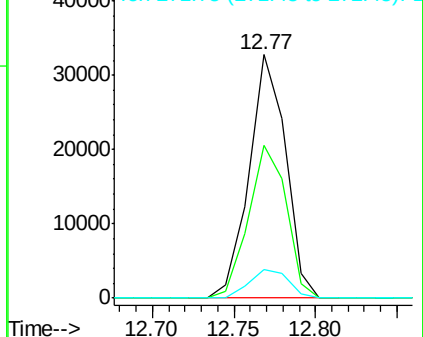
272 11.5 0.0 33.2

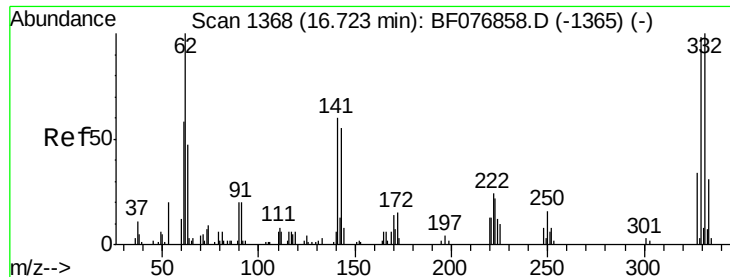


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

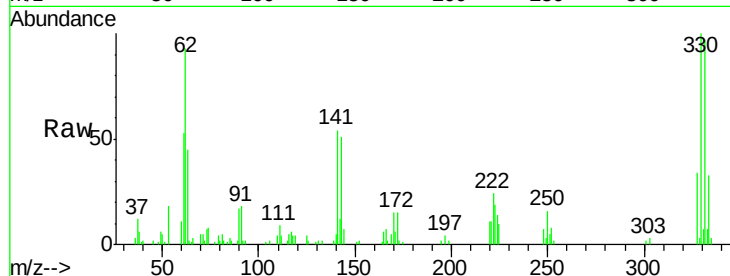




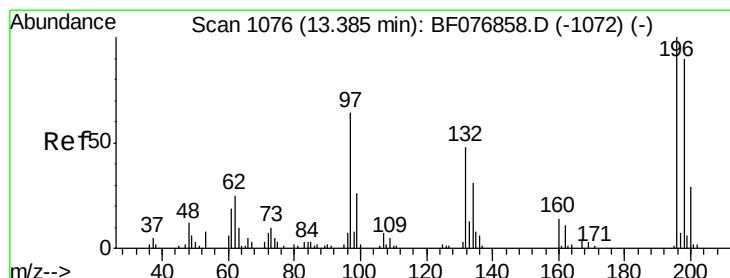
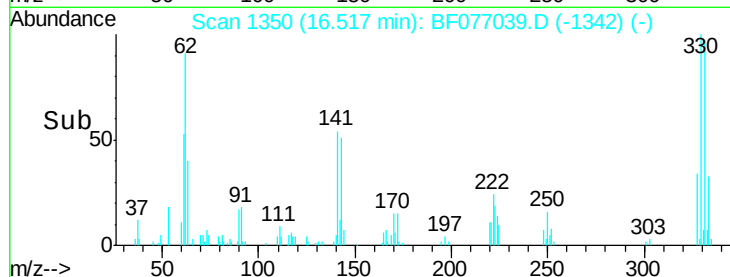
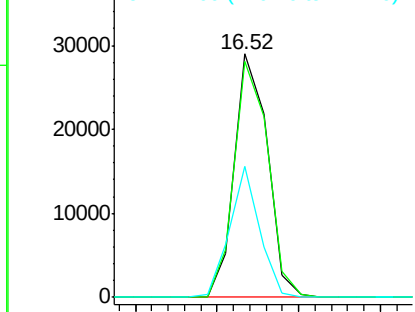
#41
 2,4,6-Tribromophenol
 Concen: 64.27 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.8	116.6
141	48.9	38.5	57.7

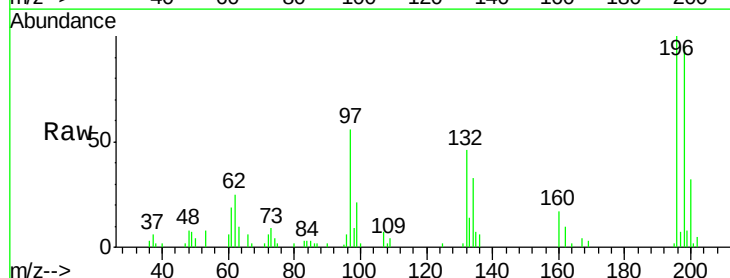


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

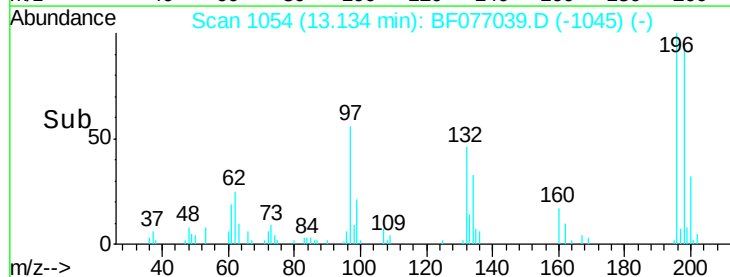
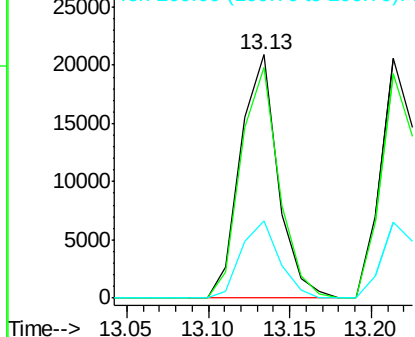


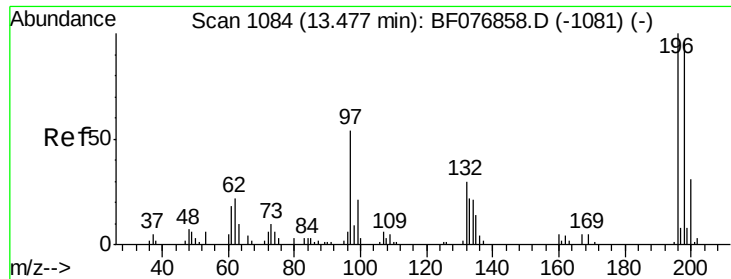
#42
 2,4,6-Trichlorophenol
 Concen: 23.80 ng
 RT: 13.13 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	72.0	108.0
200	31.5	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

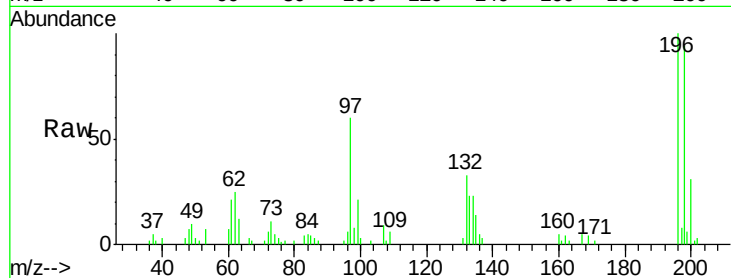




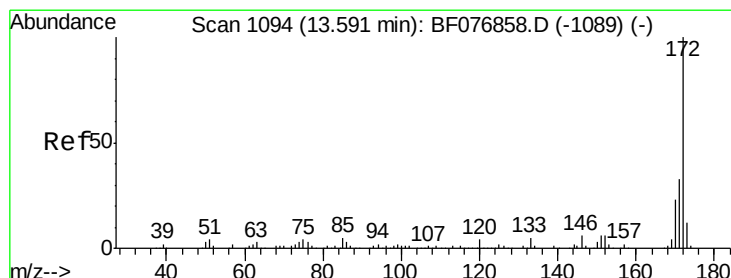
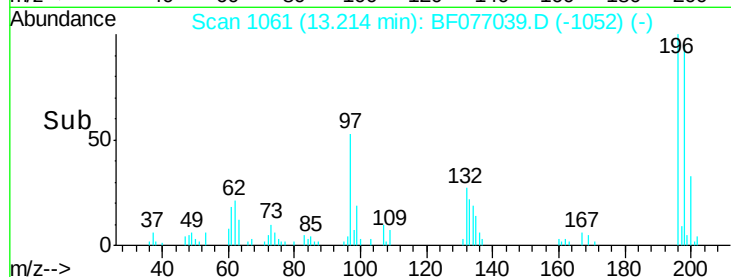
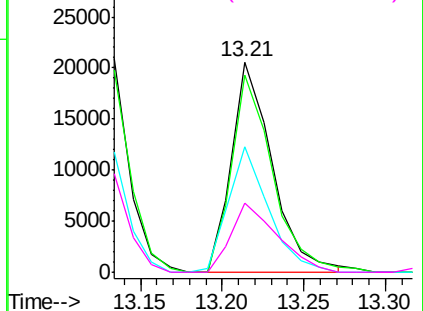
#43
 2,4,5-Trichlorophenol
 Concen: 25.05 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 35751
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.6 115.0
 97 59.7 43.4 65.0
 132 32.6 23.7 35.5

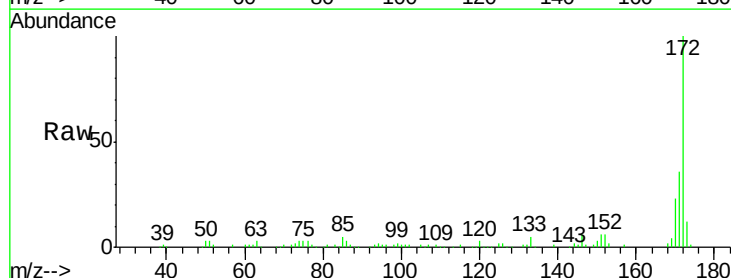


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

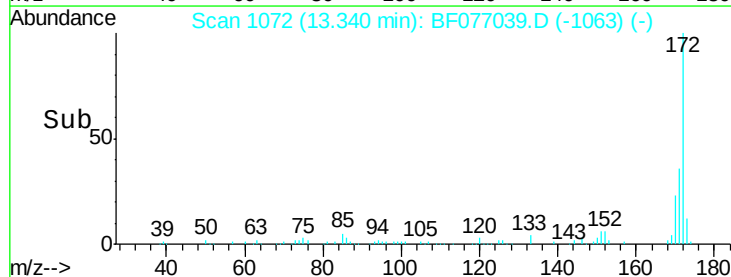
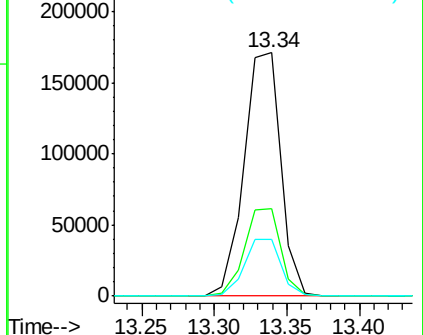


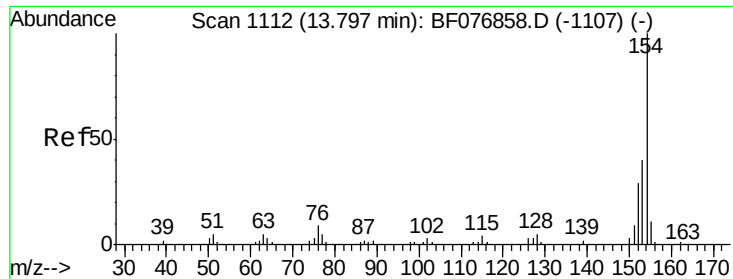
#44
 2-Fluorobiphenyl
 Concen: 58.88 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:172 Resp: 300485
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.6 40.0
 170 23.3 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

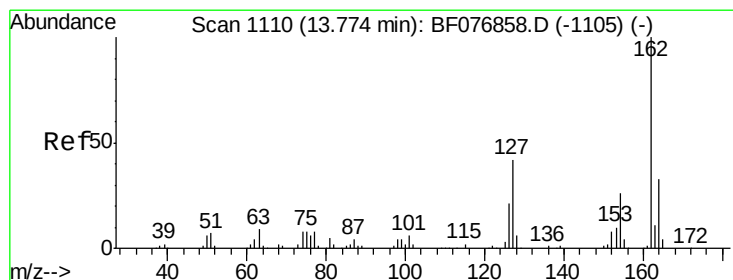
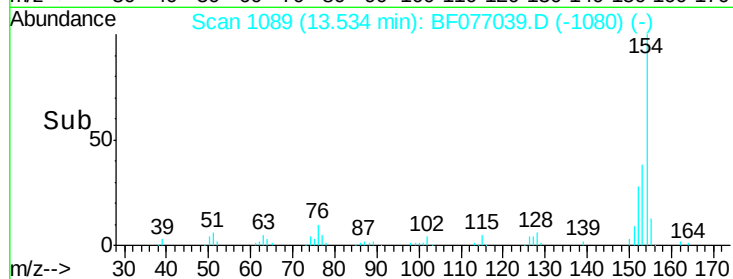
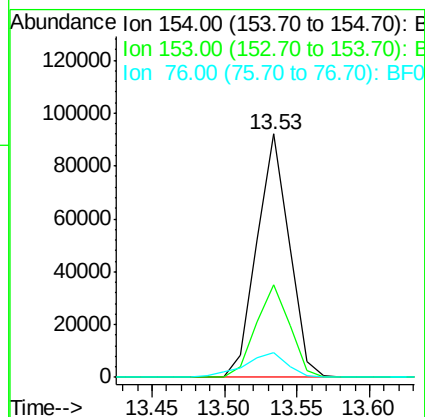
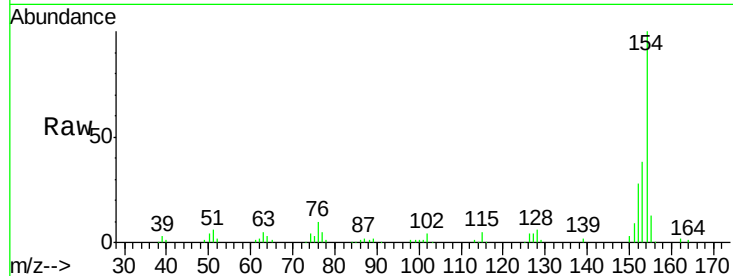




#45
 1,1'-Biphenyl
 Concen: 24.77 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

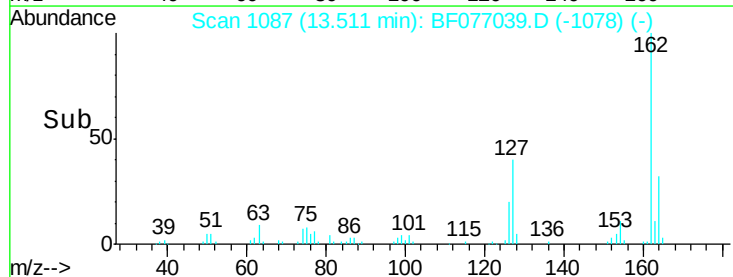
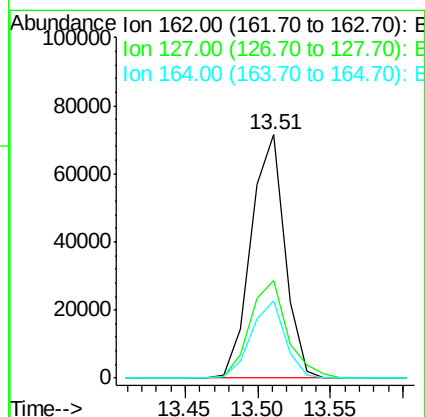
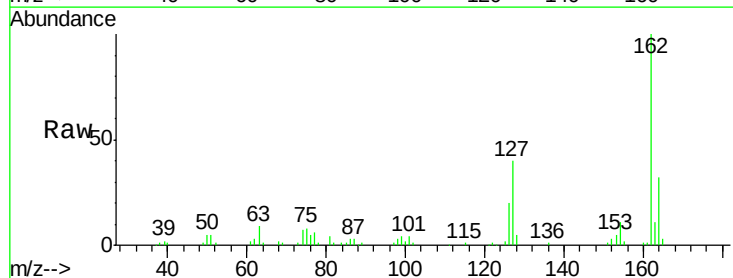
Instrument :
 BNA_F
 ClientSampleId :

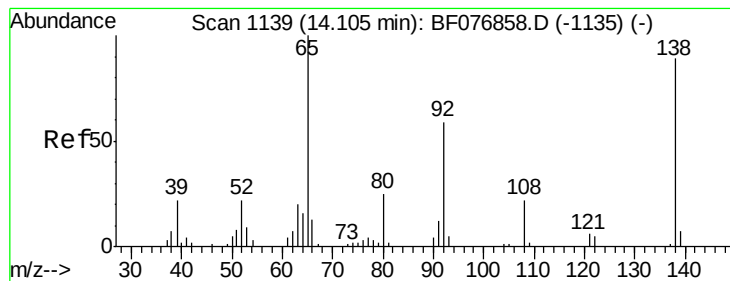
Tot Ion:154 Resp: 142592
 Ion Ratio Lower Upper
 154 100
 153 37.8 20.2 60.2
 76 10.3 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 24.35 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:162 Resp: 115390
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.8 50.6
 164 31.6 26.8 40.2





#47

2-Nitroaniline

Concen: 25.43 ng

RT: 13.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

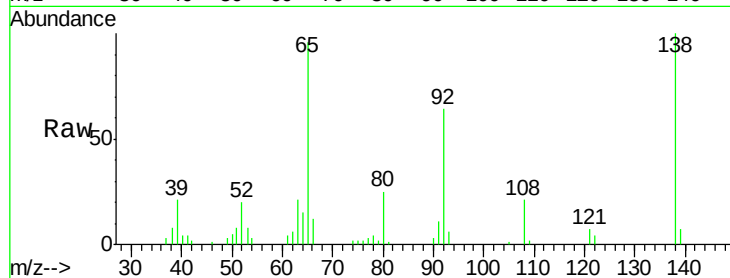
Tot Ion: 65 Resp: 36552

Ion Ratio Lower Upper

65 100

92 66.8 47.3 70.9

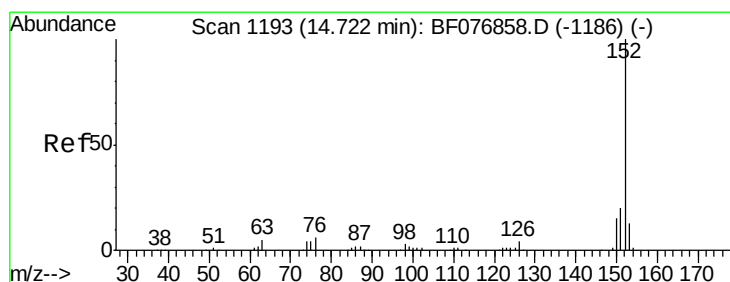
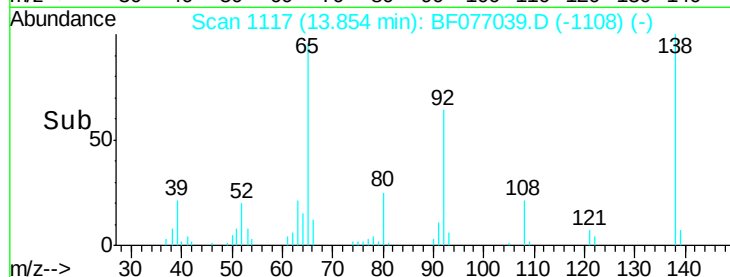
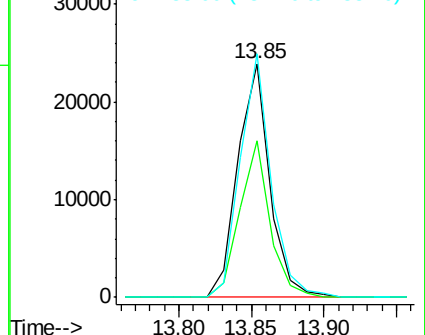
138 104.3 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF076858.D (-1135) (-)

Ion 92.00 (91.70 to 92.70): BF076858.D (-1135) (-)

Ion 138.00 (137.70 to 138.70): BF076858.D (-1135) (-)



#48

Acenaphthylene

Concen: 23.29 ng

RT: 14.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

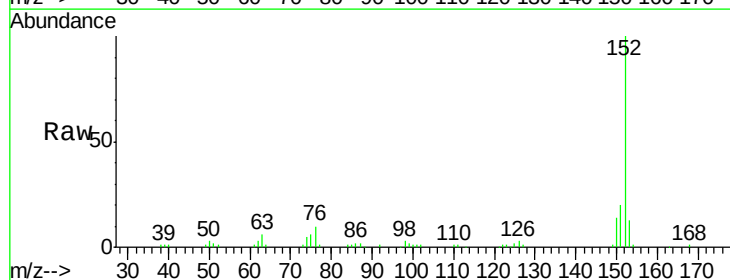
Tgt Ion: 152 Resp: 186122

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

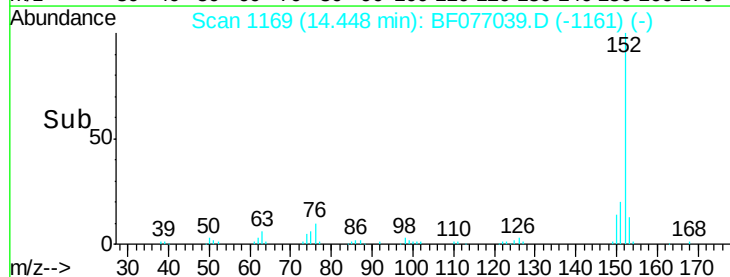
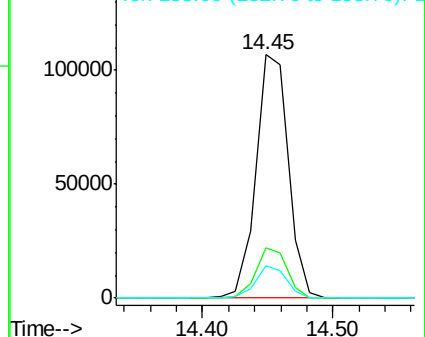
153 13.1 10.2 15.4

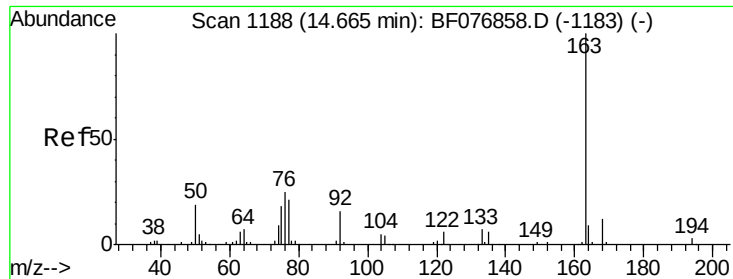


Abundance Ion 152.00 (151.70 to 152.70): BF076858.D (-1186) (-)

Ion 151.00 (150.70 to 151.70): BF076858.D (-1186) (-)

Ion 153.00 (152.70 to 153.70): BF076858.D (-1186) (-)

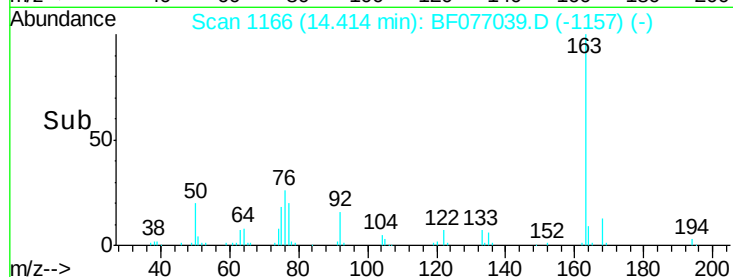
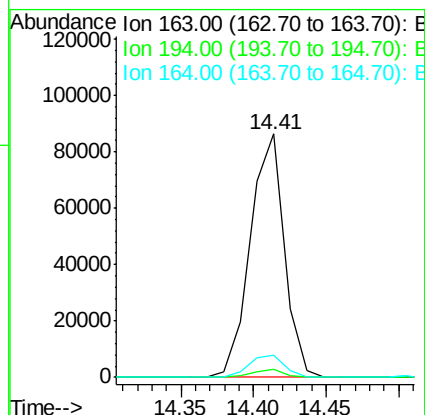
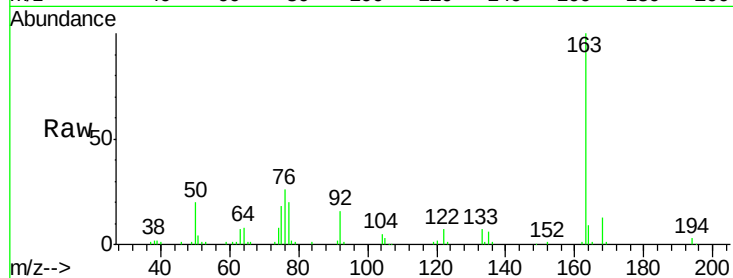




#49
Dimethylphthalate
Concen: 25.48 ng
RT: 14.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

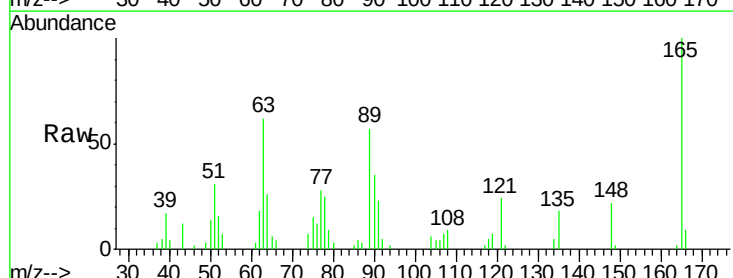
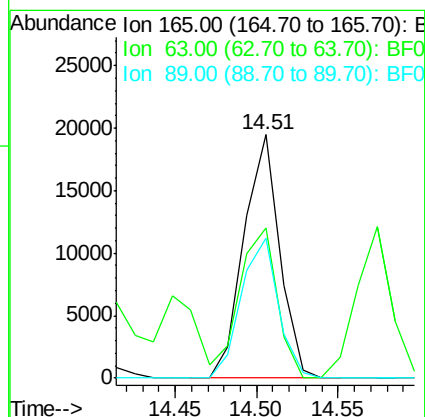
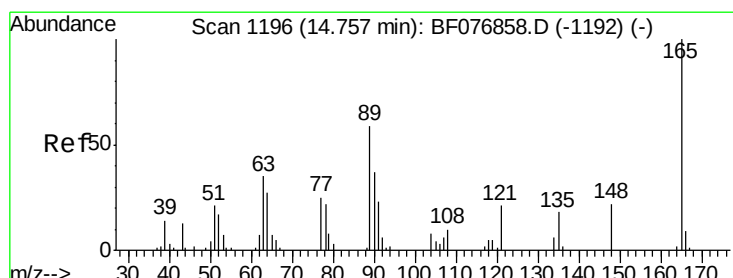
Instrument :
BNA_F
ClientSampleId :

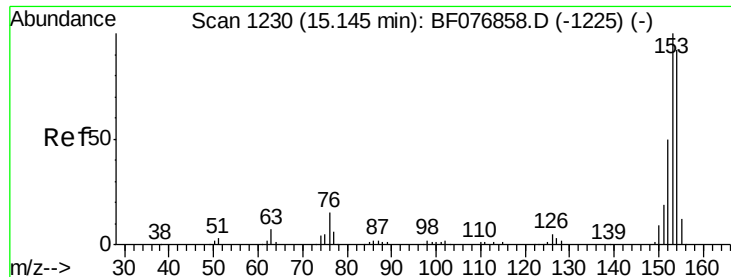
Tot Ion:163 Resp: 140352
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.0 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 26.83 ng
RT: 14.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:165 Resp: 29521
Ion Ratio Lower Upper
165 100
63 61.9 48.1 72.1
89 57.2 47.2 70.8





#51

Acenaphthene

Concen: 23.03 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampled :

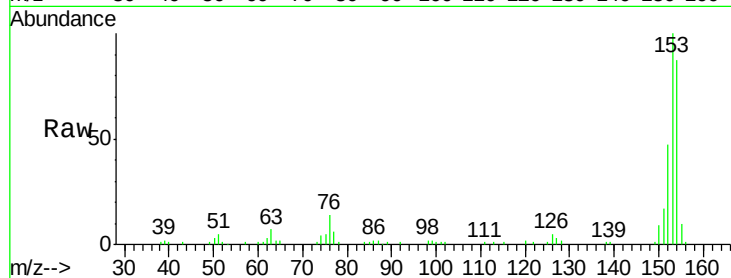
Tot Ion:154 Resp: 104443

Ion Ratio Lower Upper

154 100

153 114.9 87.0 130.6

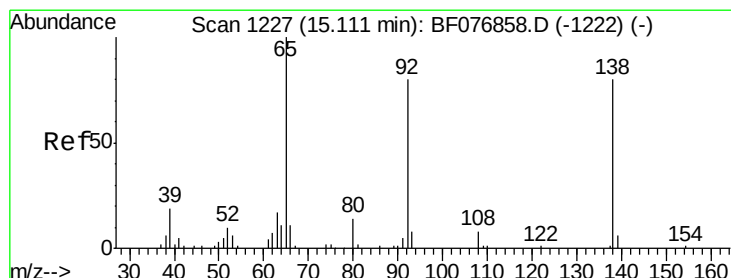
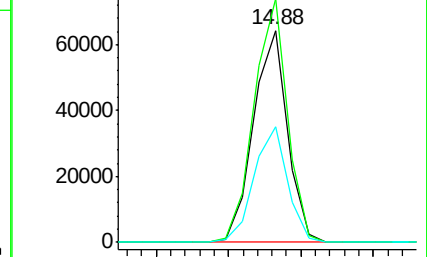
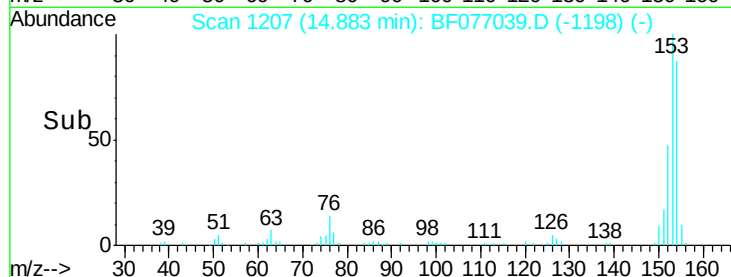
152 54.4 43.5 65.3



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: 18.06 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

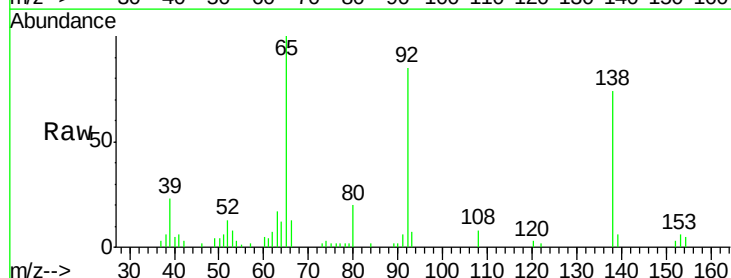
Tgt Ion:138 Resp: 24254

Ion Ratio Lower Upper

138 100

108 11.0 8.3 12.5

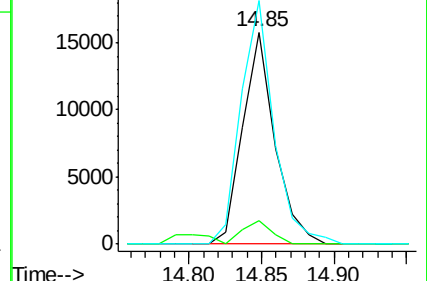
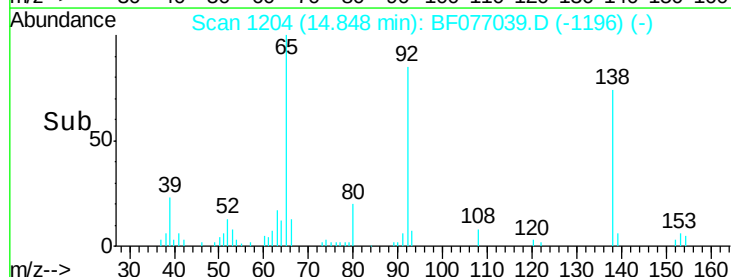
92 114.9 80.9 121.3

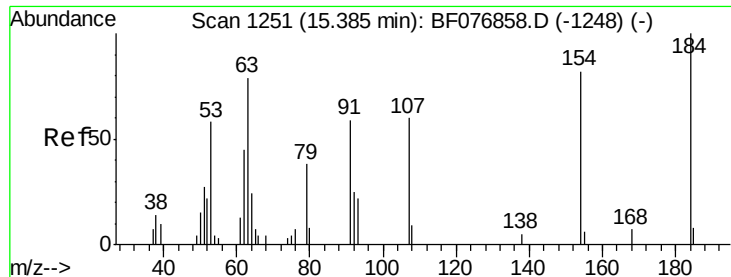


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

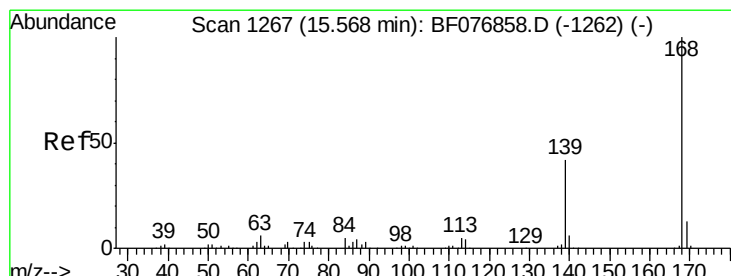
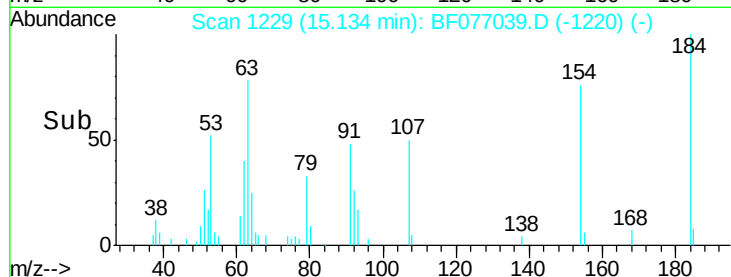
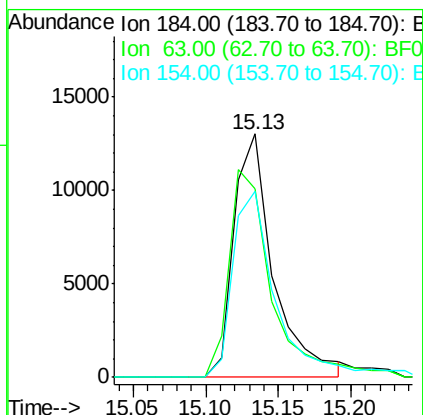
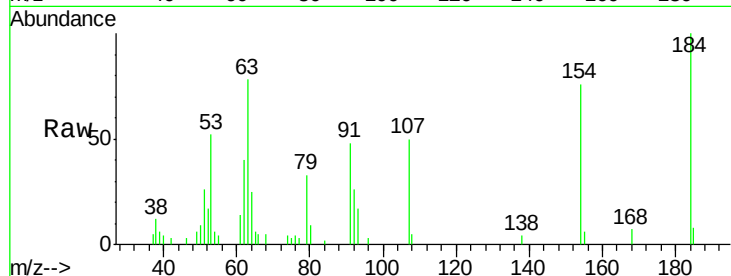




#53
2,4-Dinitrophenol
Concen: 52.60 ng
RT: 15.13 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

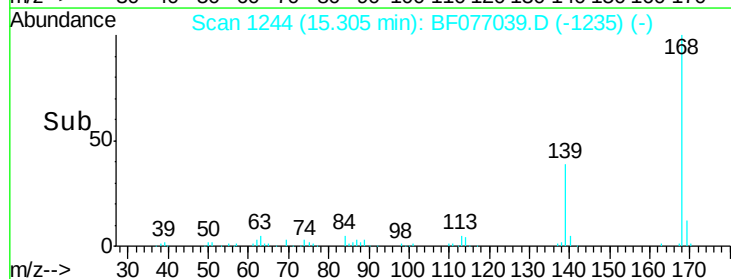
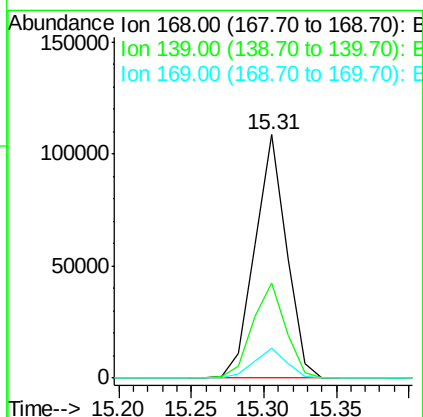
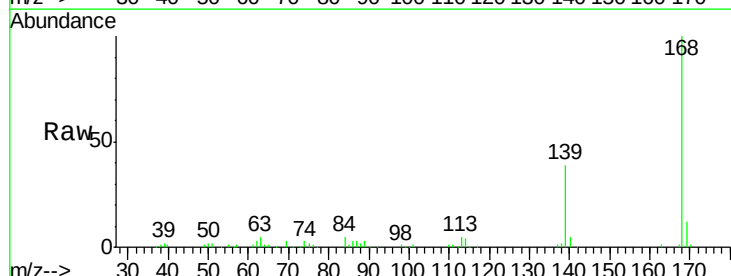
Instrument :
BNA_F
ClientSampleId :

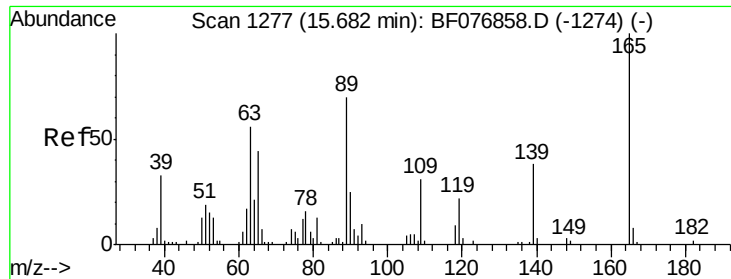
Tot Ion:184 Resp: 24726
Ion Ratio Lower Upper
184 100
63 77.5 63.0 94.6
154 76.3 65.5 98.3



#54
Dibenzofuran
Concen: 24.87 ng
RT: 15.31 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:168 Resp: 164301
Ion Ratio Lower Upper
168 100
139 39.2 33.4 50.2
169 12.4 10.6 15.8

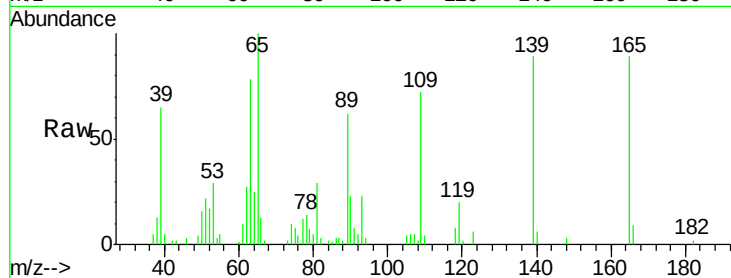




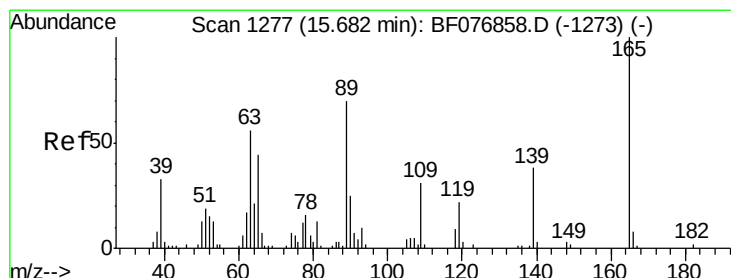
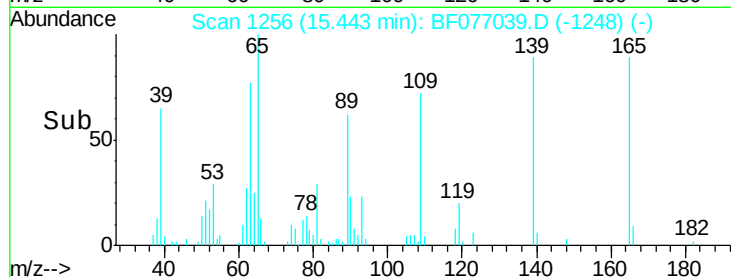
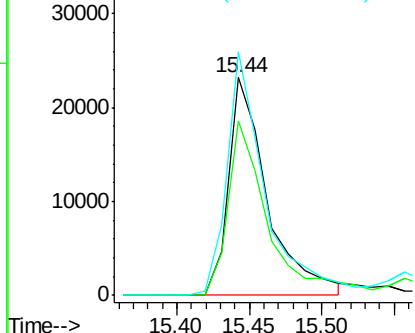
#55
4-Nitrophenol
Concen: 49.95 ng
RT: 15.44 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 43122
Ion Ratio Lower Upper
139 100
109 80.5 61.0 101.0
65 112.0 96.6 136.6

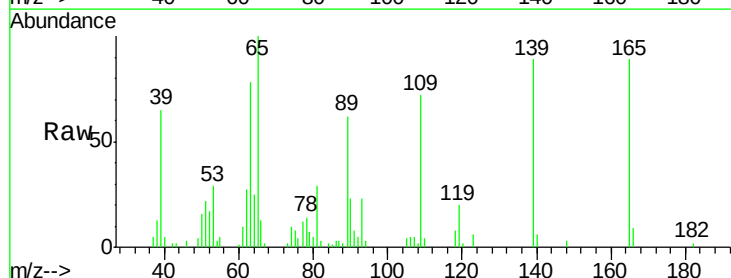


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

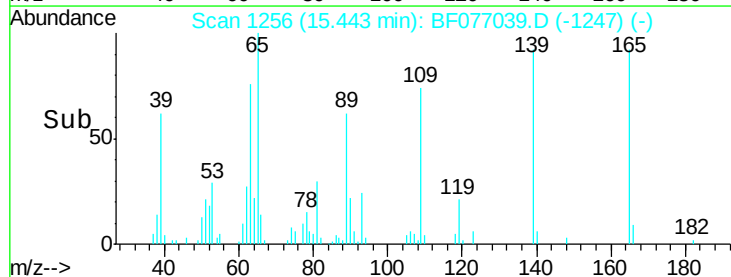
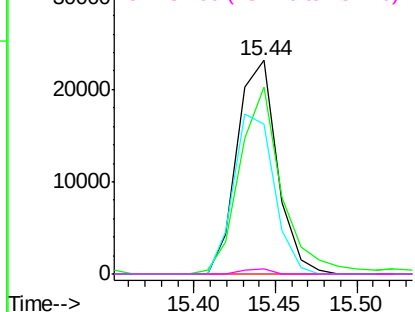


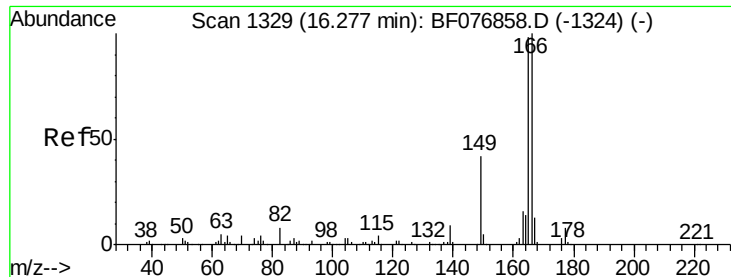
#56
2,4-Dinitrotoluene
Concen: 24.88 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:165 Resp: 39291
Ion Ratio Lower Upper
165 100
63 87.7 44.8 67.2#
89 70.0 56.2 84.2
182 2.6 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

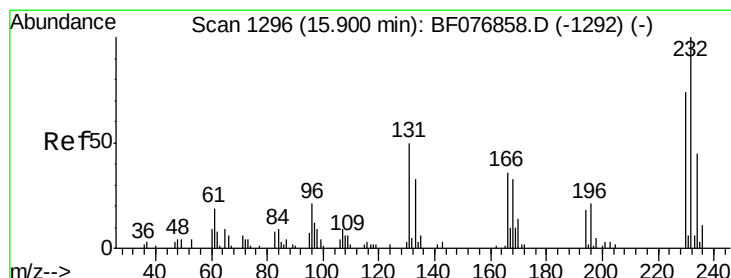
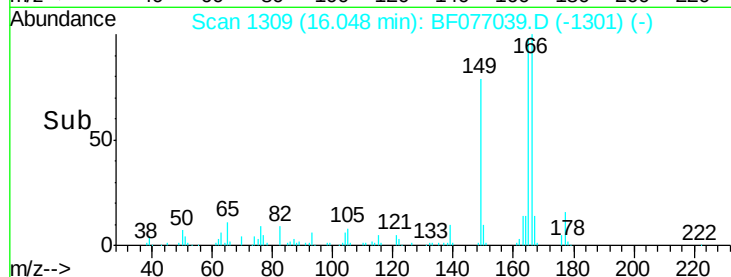
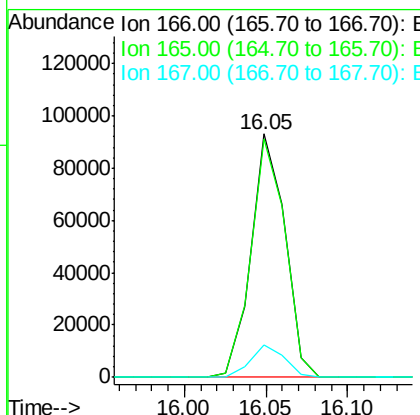
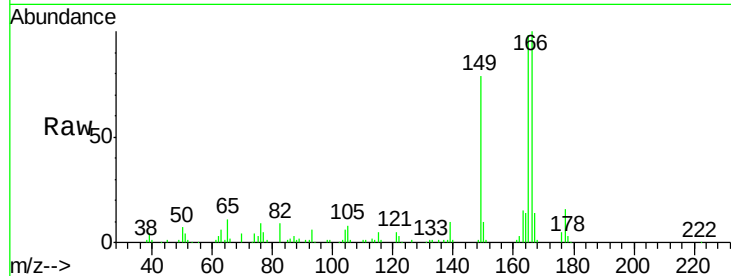




#57
 Fluorene
 Concen: 24.01 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

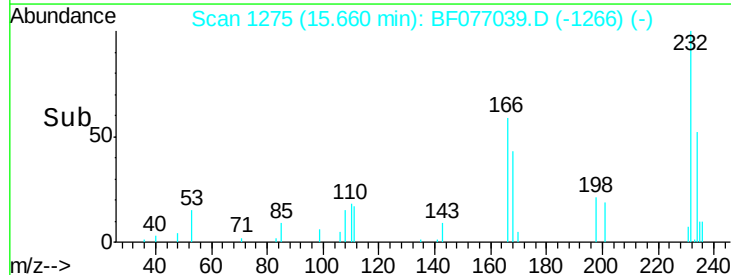
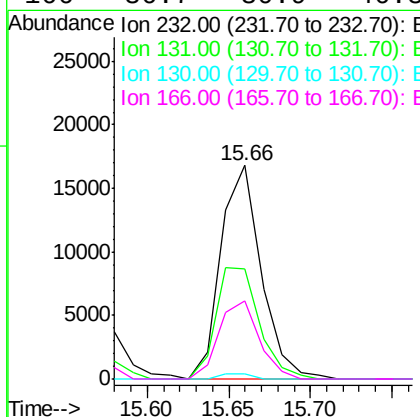
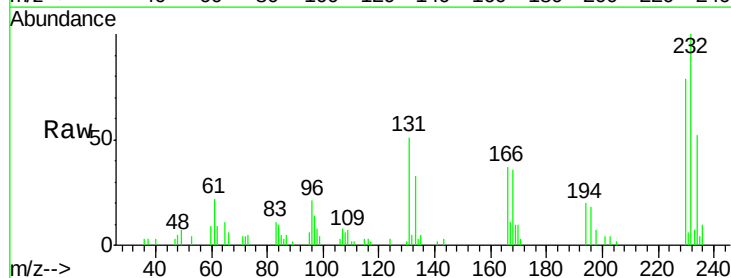
Instrument :
 BNA_F
 ClientSampleId :

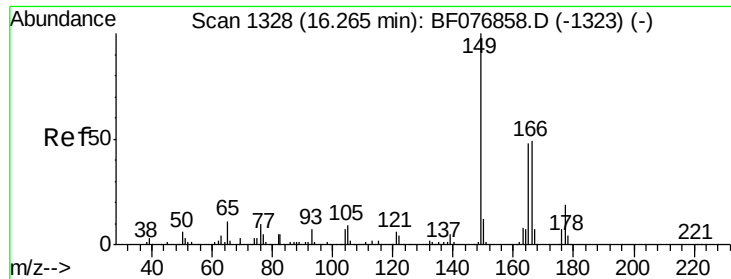
Tot Ion:166 Resp: 134362
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.5 117.7
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.79 ng
 RT: 15.66 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:232 Resp: 28874
 Ion Ratio Lower Upper
 232 100
 131 56.0 45.0 67.6
 130 1.8 2.6 3.8#
 166 36.7 30.9 46.3

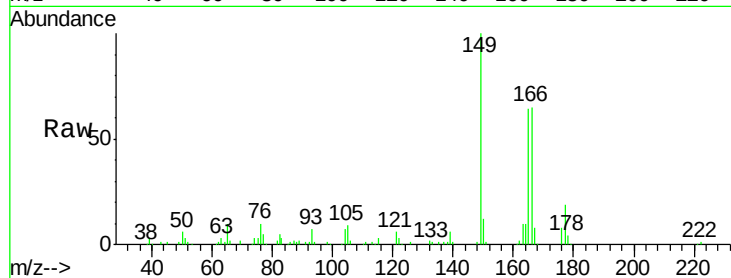




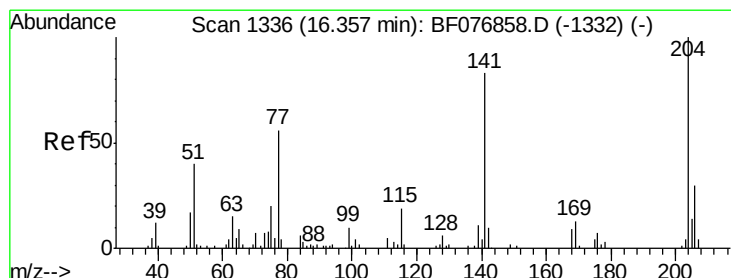
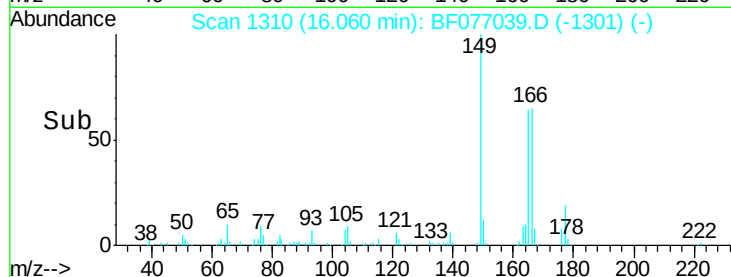
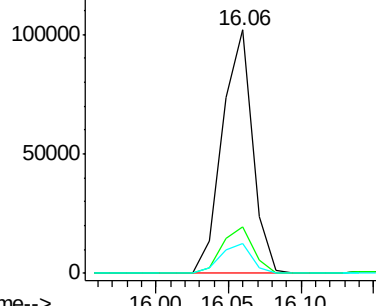
#59
Diethylphthalate
Concen: 26.40 ng
RT: 16.06 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 146953
Ion Ratio Lower Upper
149 100
177 19.1 15.0 22.6
150 12.4 9.4 14.0

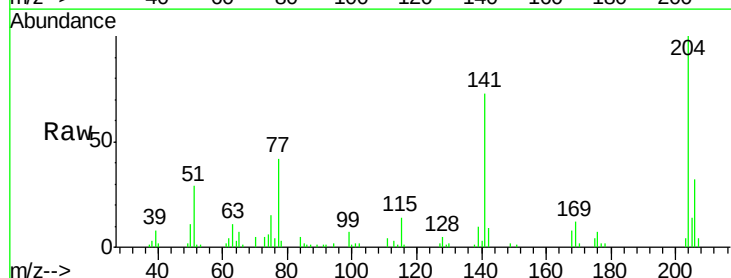


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

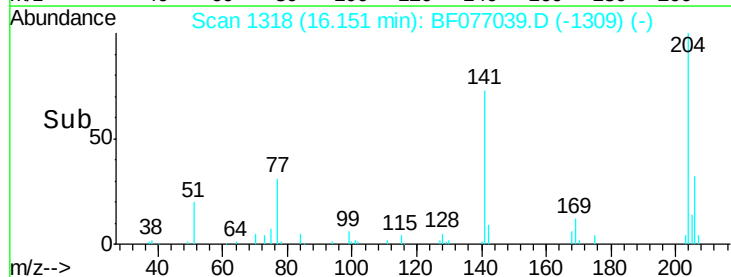
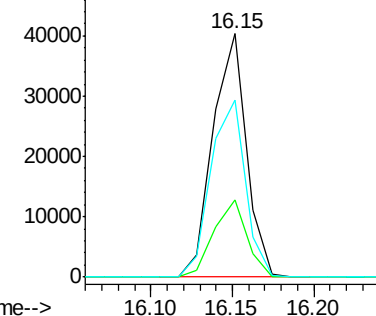


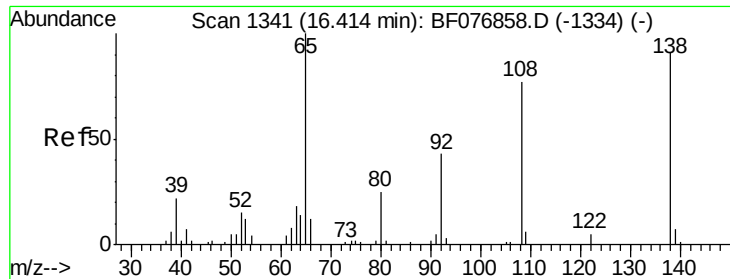
#60
4-Chlorophenyl-phenylether
Concen: 25.00 ng
RT: 16.15 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:204 Resp: 57248
Ion Ratio Lower Upper
204 100
206 31.6 24.2 36.2
141 72.9 66.7 100.1



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

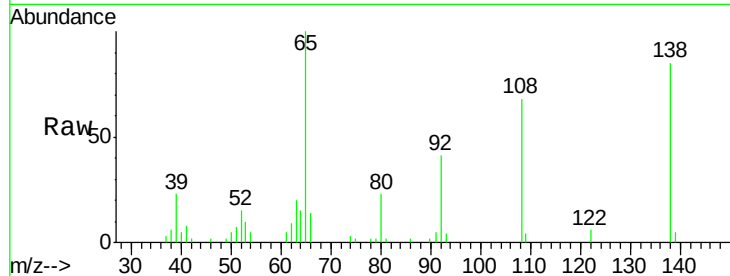




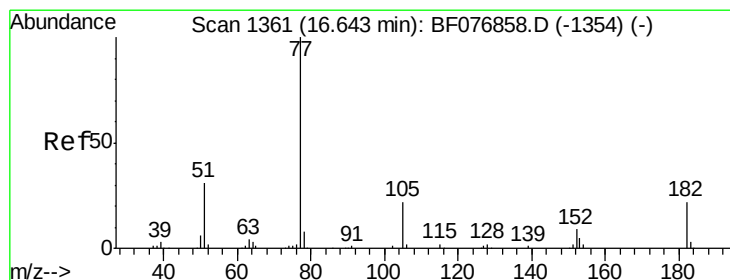
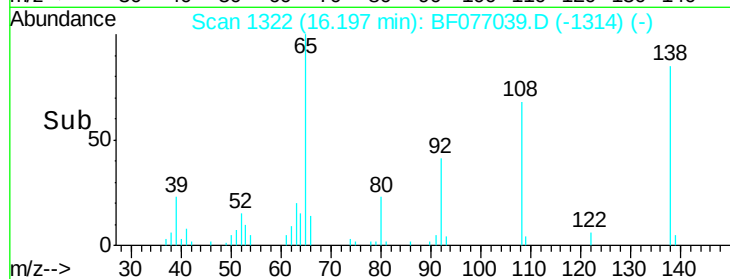
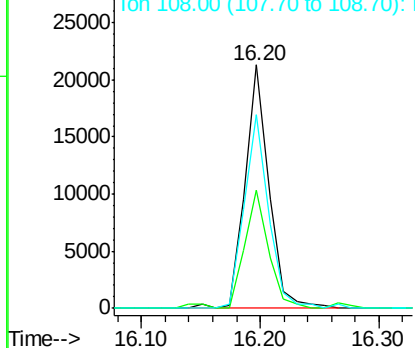
#61
4-Nitroaniline
Concen: 22.46 ng
RT: 16.20 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 30069
Ion Ratio Lower Upper
138 100
92 48.3 26.7 66.7
108 79.6 64.5 104.5

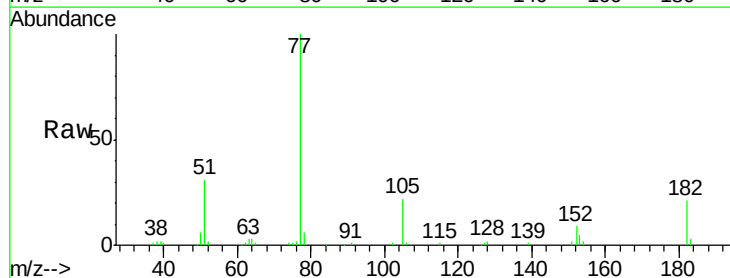


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

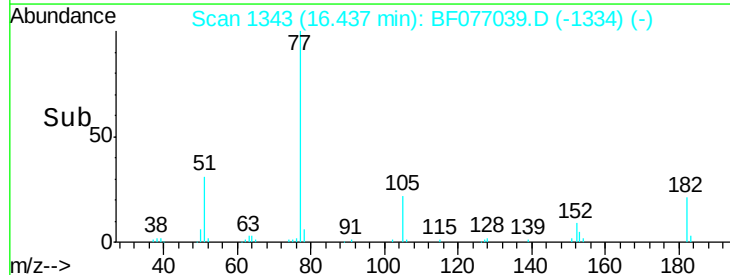
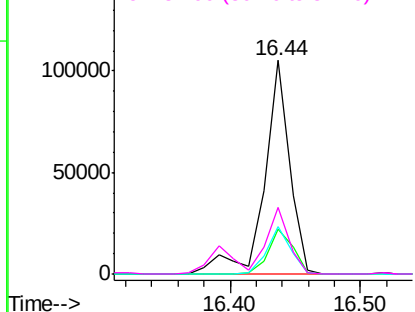


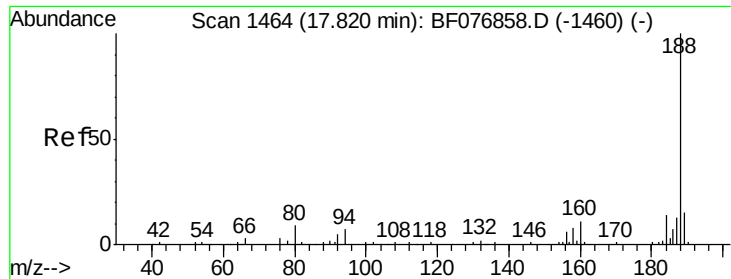
#62
Azobenzene
Concen: 24.73 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion: 77 Resp: 143441
Ion Ratio Lower Upper
77 100
182 21.3 2.0 42.0
105 22.2 2.3 42.3
51 31.3 10.7 50.7



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

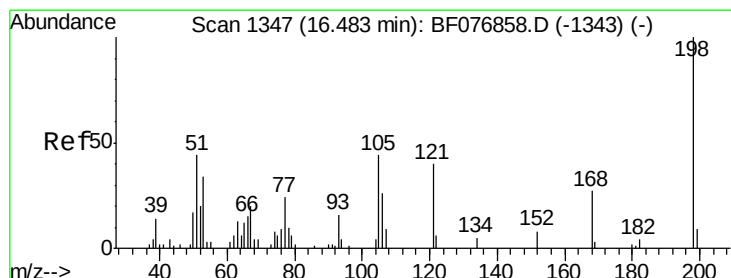
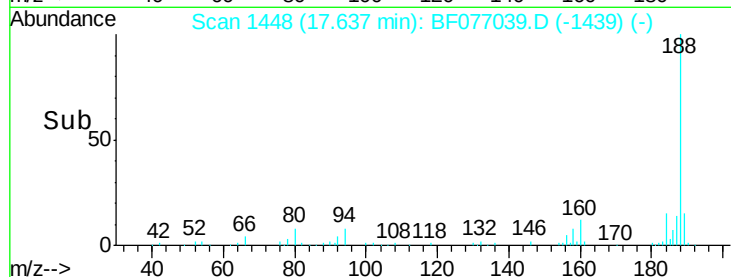
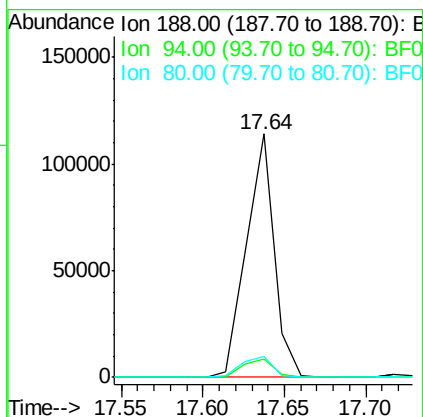
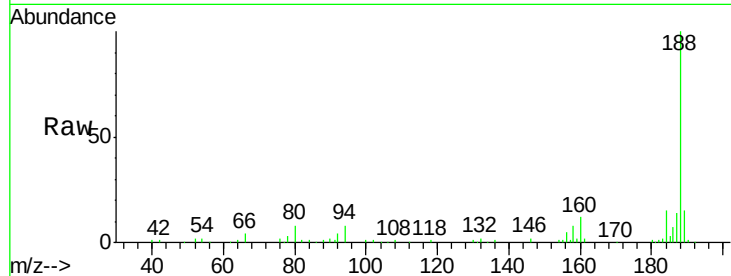




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

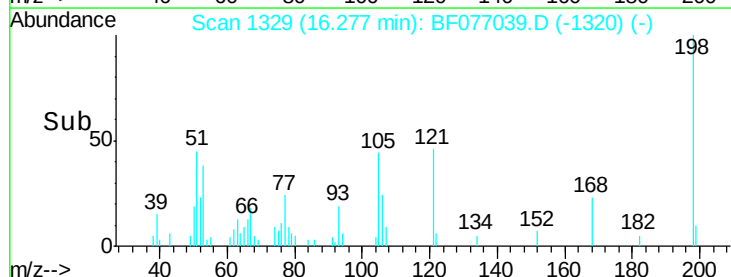
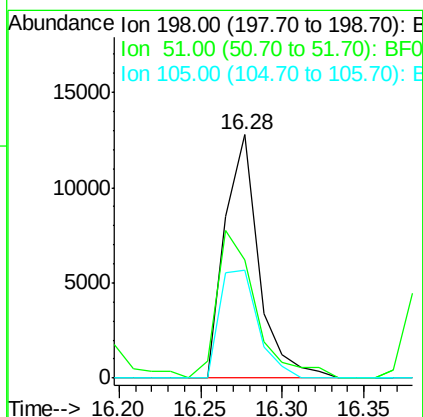
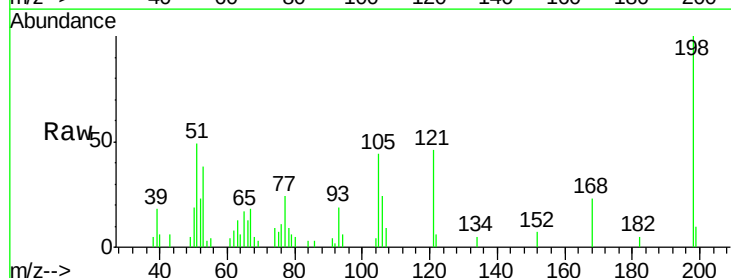
Instrument :
 BNA_F
 ClientSampleId :

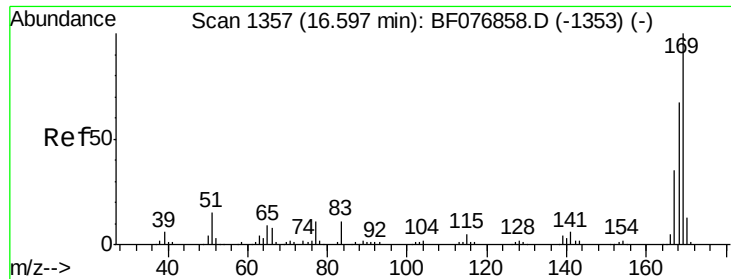
Tot Ion:188 Resp: 134589
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.0 9.0
 80 8.4 6.9 10.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.12 ng
 RT: 16.28 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:198 Resp: 18405
 Ion Ratio Lower Upper
 198 100
 51 48.7 24.2 64.2
 105 44.3 24.0 64.0

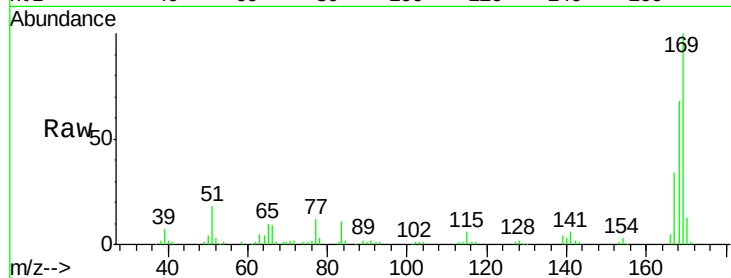




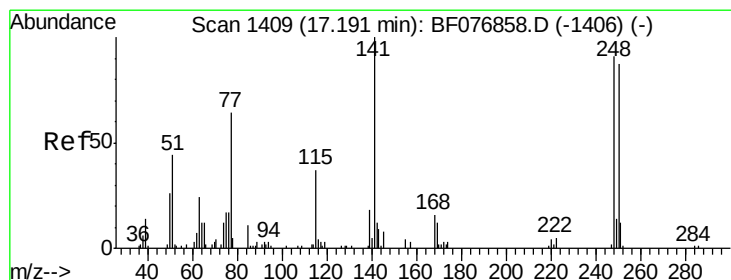
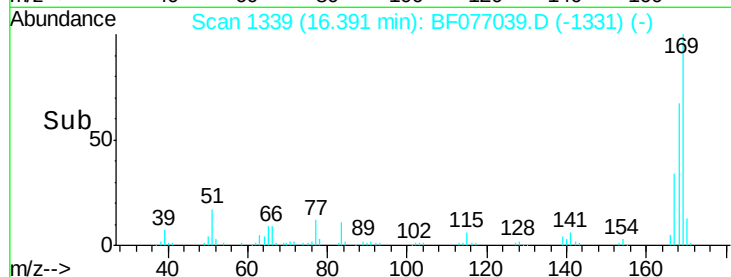
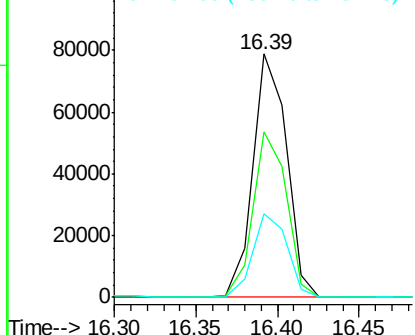
#65
n-Nitrosodiphenylamine
Concen: 23.56 ng
RT: 16.39 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 113076
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.6
167 34.2 27.8 41.6

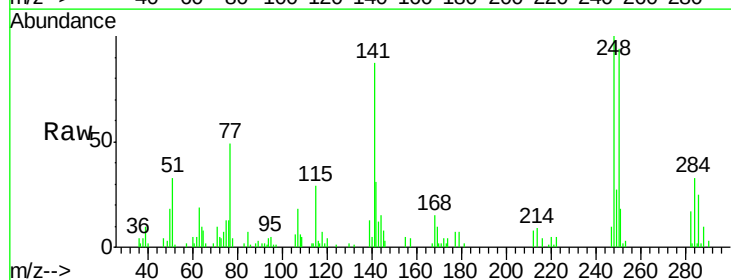


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

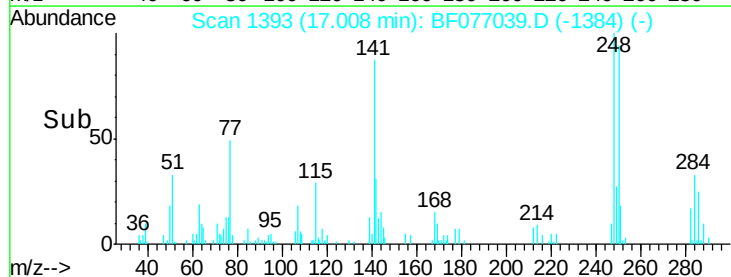
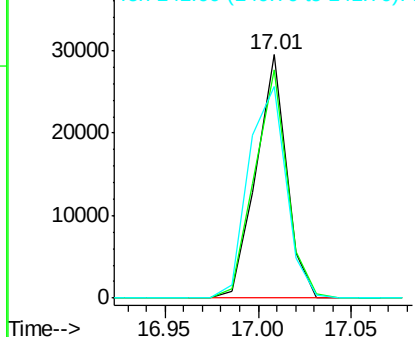


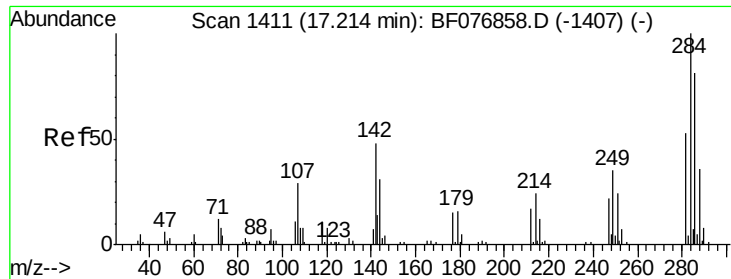
#66
4-Bromophenyl-phenylether
Concen: 24.52 ng
RT: 17.01 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:248 Resp: 33427
Ion Ratio Lower Upper
248 100
250 93.8 77.1 115.7
141 86.8 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: 23.80 ng

RT: 17.02 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampleId :

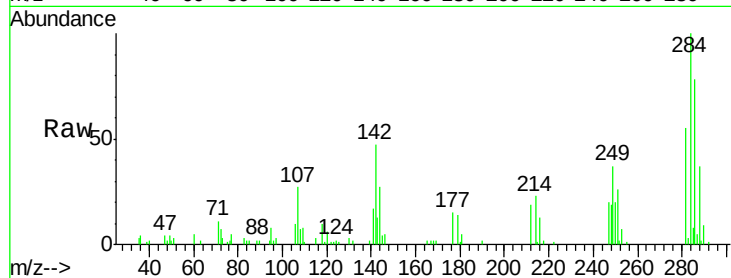
Tot Ion:284 Resp: 34195

Ion Ratio Lower Upper

284 100

142 46.9 38.2 57.4

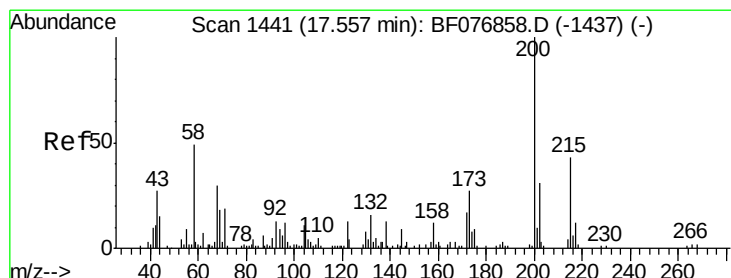
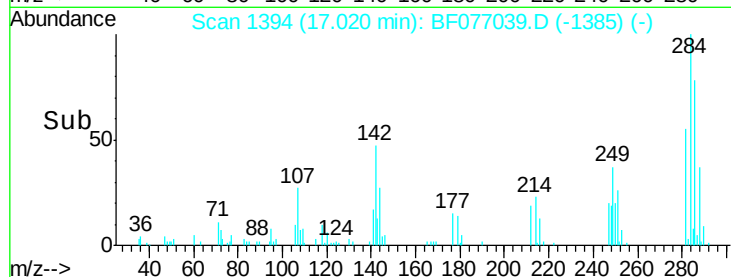
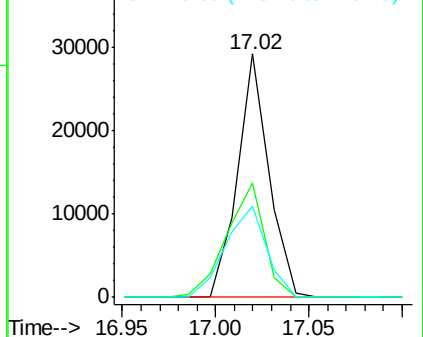
249 37.5 28.2 42.2



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: 29.21 ng

RT: 17.39 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

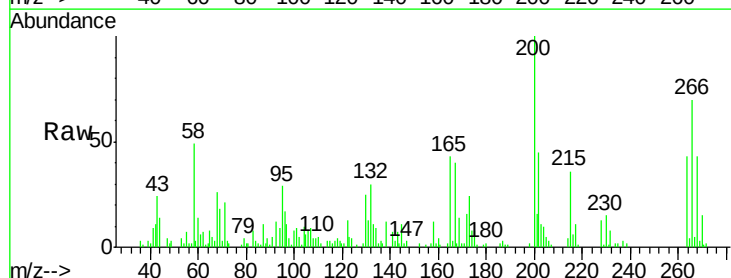
Tgt Ion:200 Resp: 42541

Ion Ratio Lower Upper

200 100

173 23.7 6.6 46.6

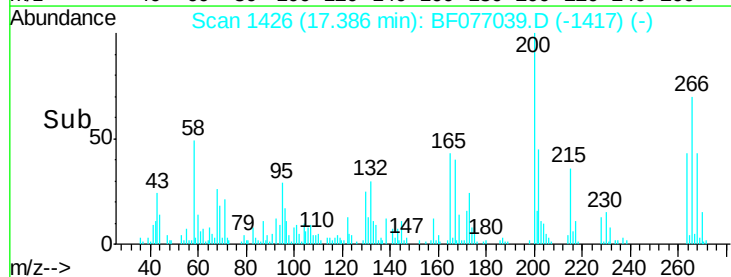
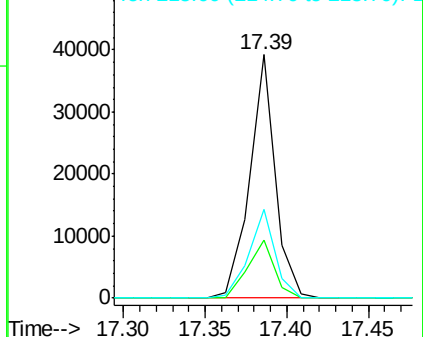
215 36.4 22.9 62.9

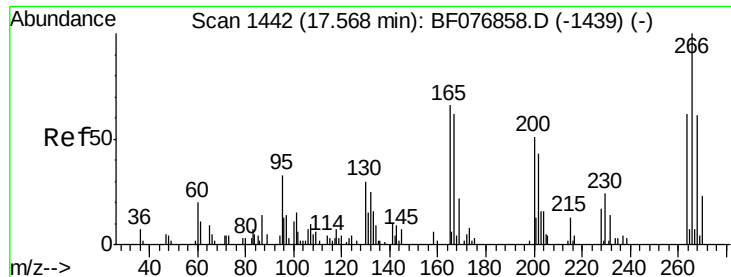


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

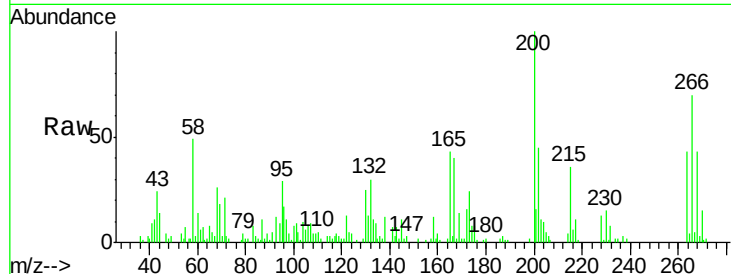




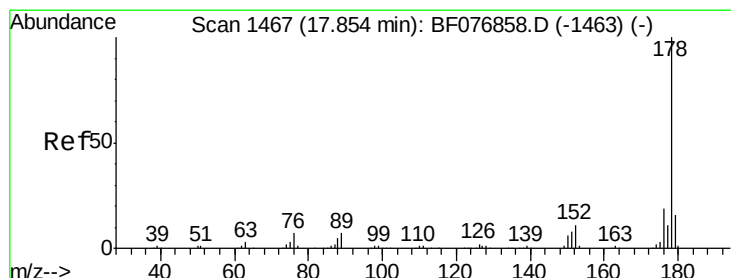
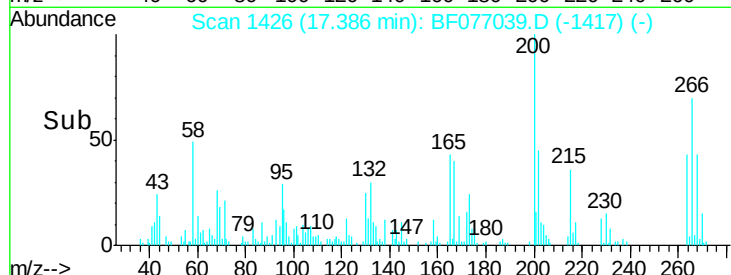
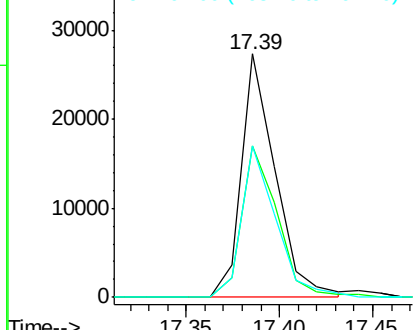
#69
 Pentachlorophenol
 Concen: 54.82 ng
 RT: 17.39 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 34561
 Ion Ratio Lower Upper
 266 100
 268 62.2 48.6 72.8
 264 62.3 49.5 74.3

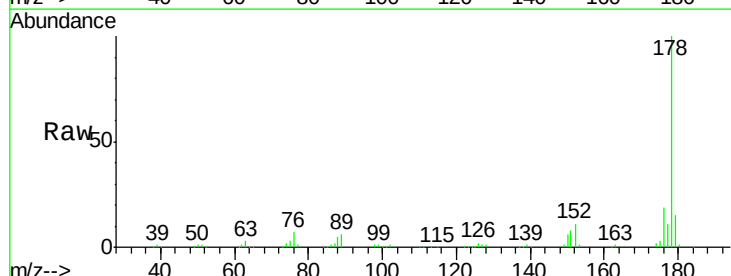


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

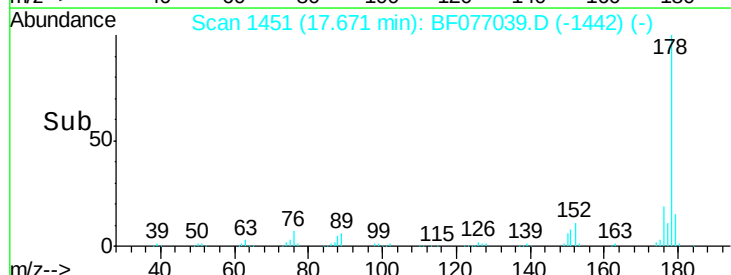
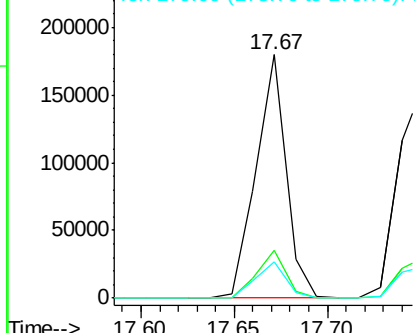


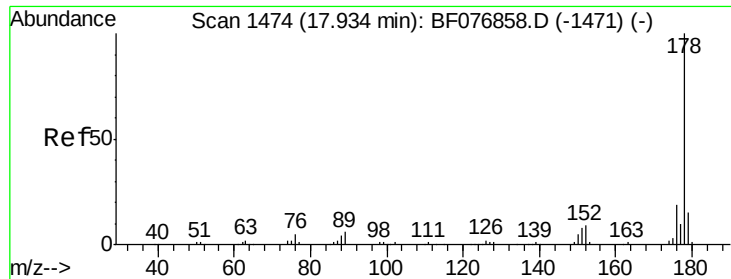
#70
 Phenanthrene
 Concen: 23.78 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:178 Resp: 199626
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 14.7 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

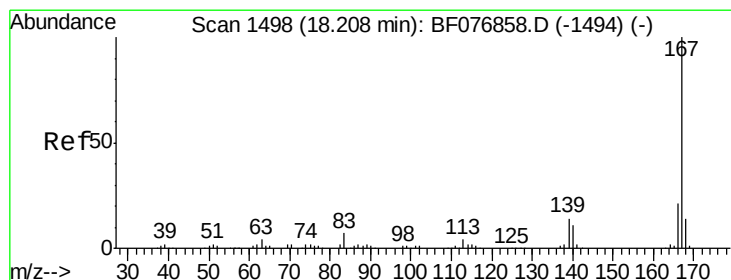
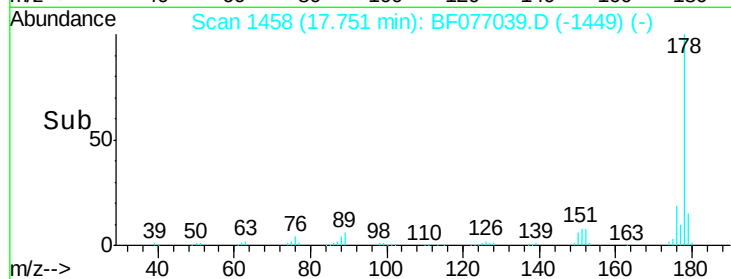
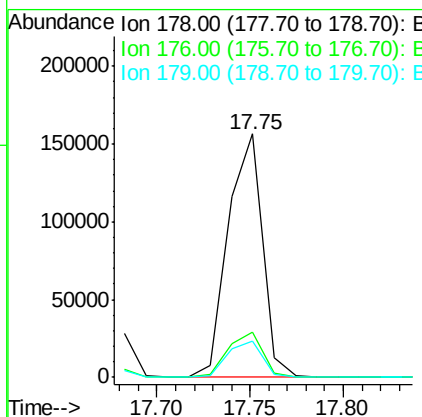
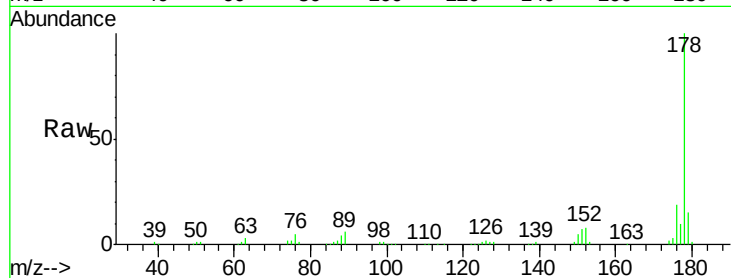




#71
 Anthracene
 Concen: 24.64 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

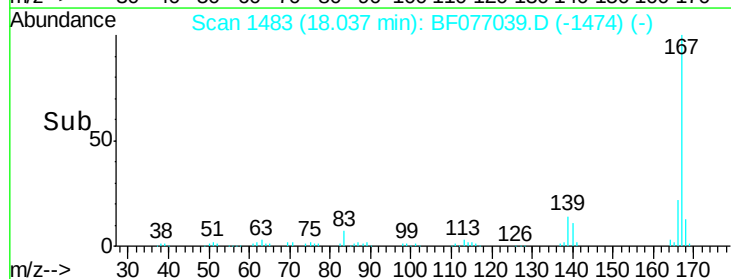
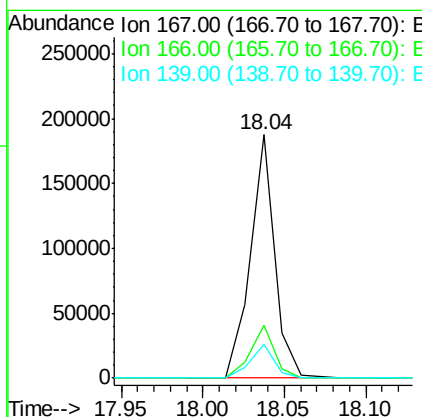
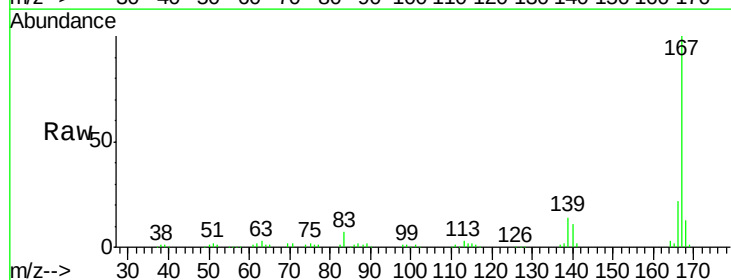
Instrument :
 BNA_F
 ClientSampleId :

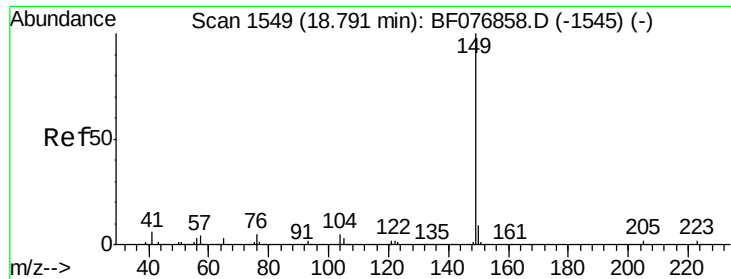
Tot Ion:178 Resp: 201702
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.1 11.9 17.9



#72
 Carbazole
 Concen: 24.50 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:167 Resp: 194501
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.8 11.3 16.9





#73

Di-n-butylphthalate

Concen: 26.53 ng

RT: 18.63 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

Instrument :

BNA_F

ClientSampled :

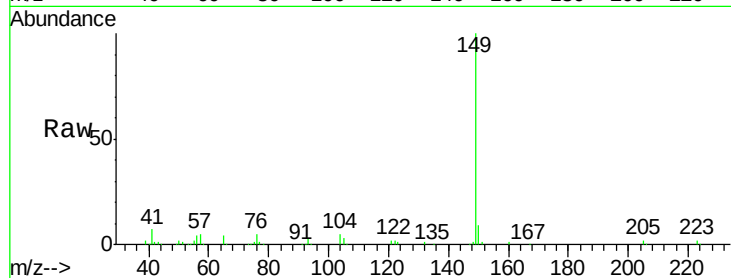
Tot Ion:149 Resp: 243737

Ion Ratio Lower Upper

149 100

150 9.1 6.9 10.3

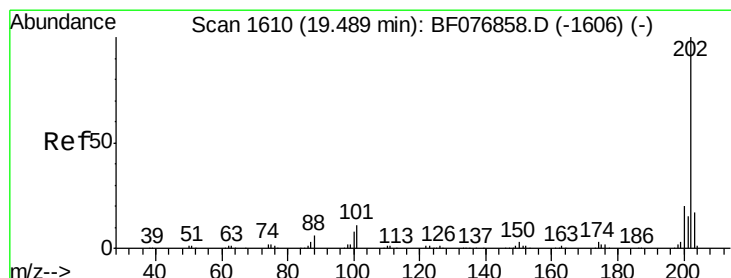
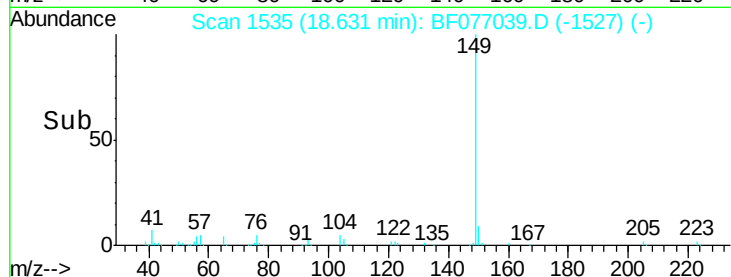
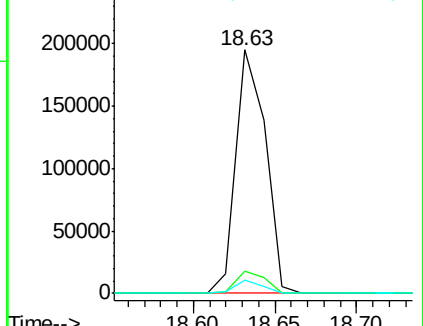
104 5.3 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.11 ng

RT: 19.32 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF077039.D

Acq: 23 Jan 2015 16:03

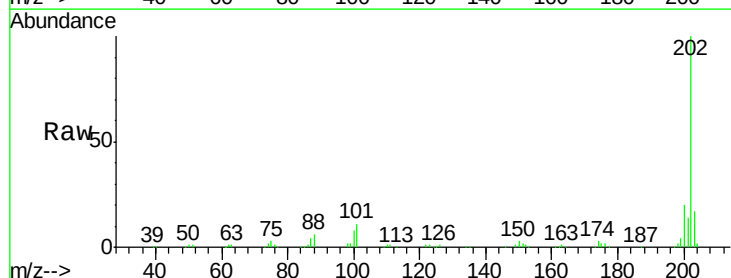
Tgt Ion:202 Resp: 207375

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

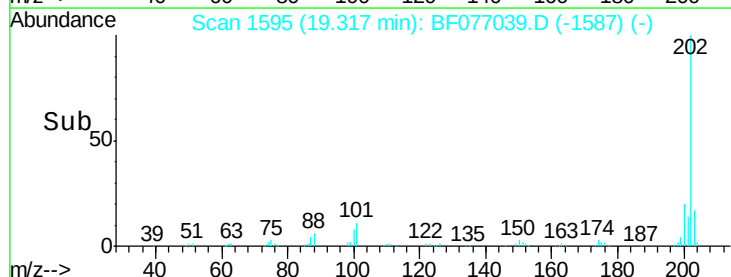
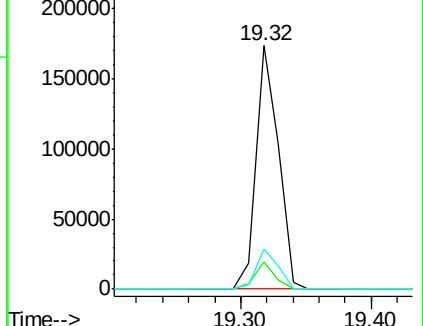
203 16.5 0.0 36.9

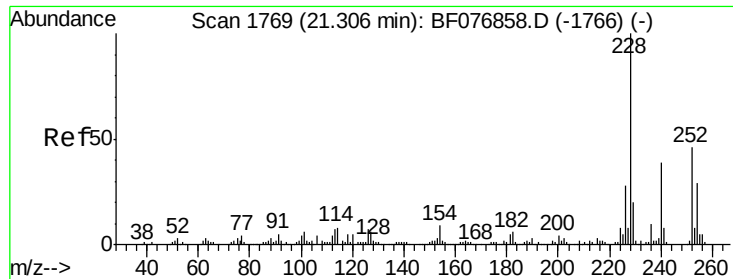


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

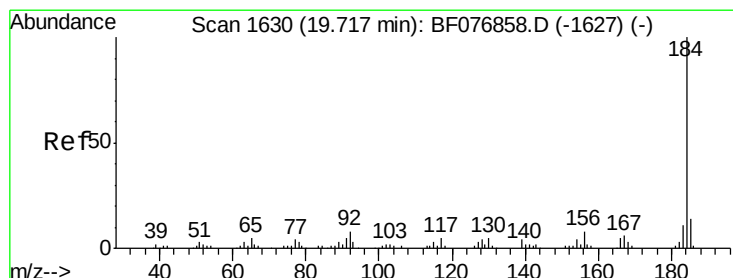
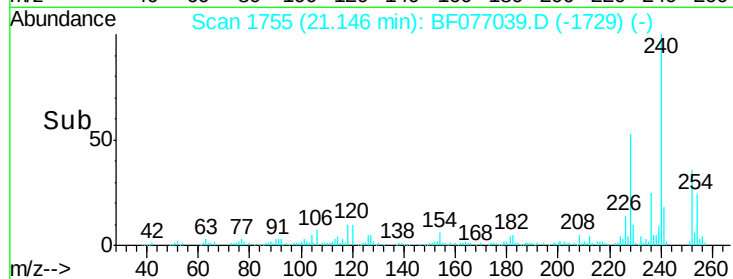
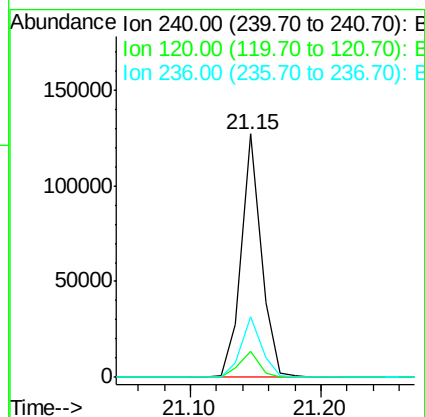
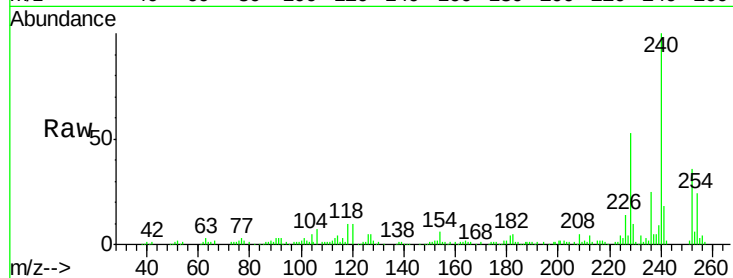




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

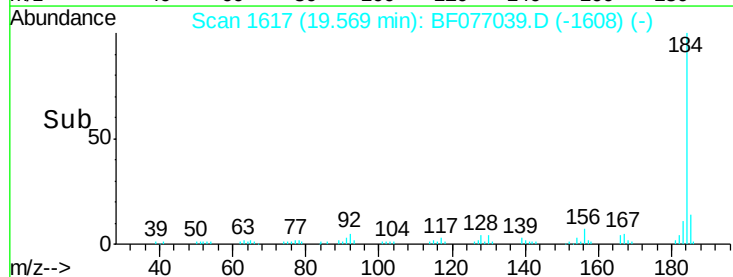
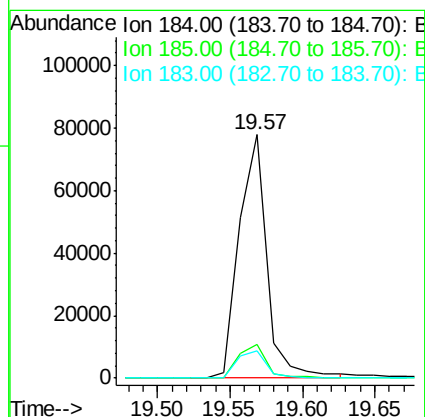
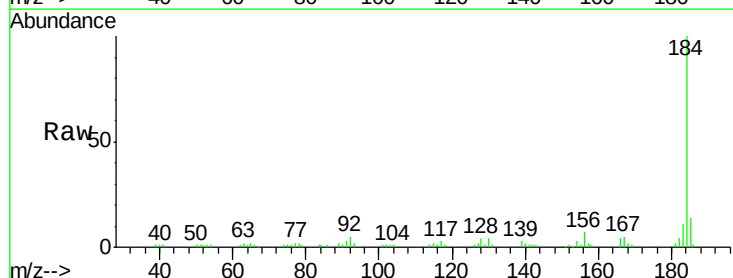
Instrument :
 BNA_F
 ClientSampleId :

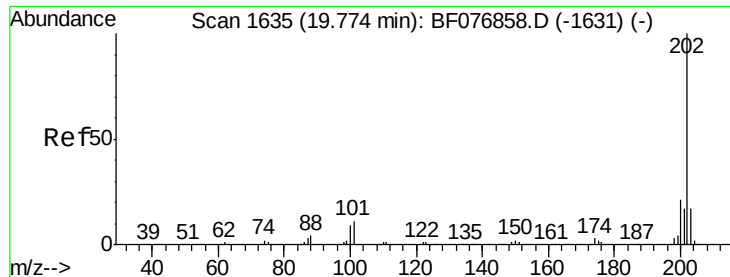
Tot Ion:240 Resp: 135457
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.4 15.6
 236 24.8 20.2 30.2



#76
 Benzidine
 Concen: 23.91 ng
 RT: 19.57 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:184 Resp: 103659
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.4 17.2
 183 11.2 9.0 13.6

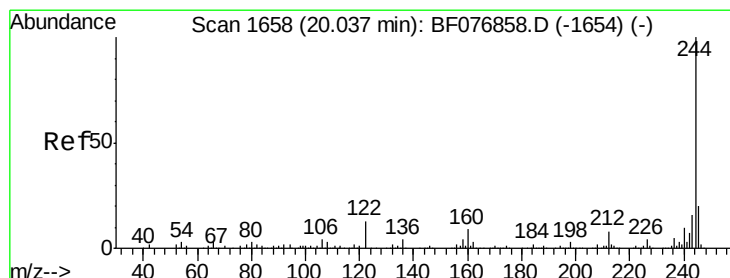
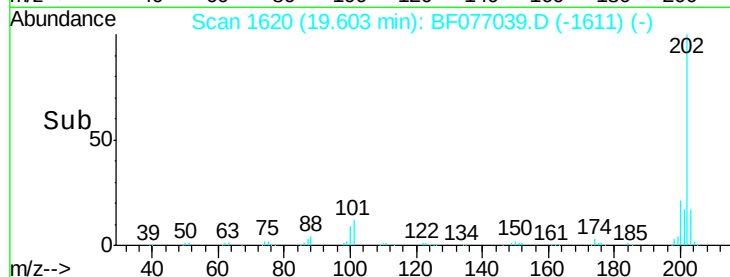
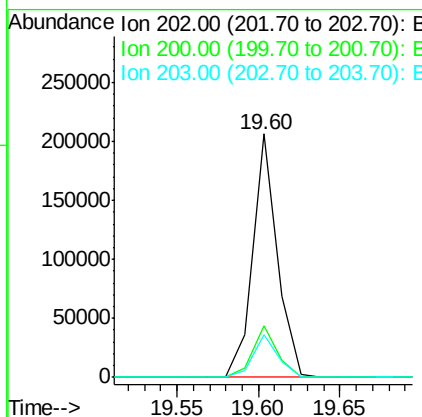
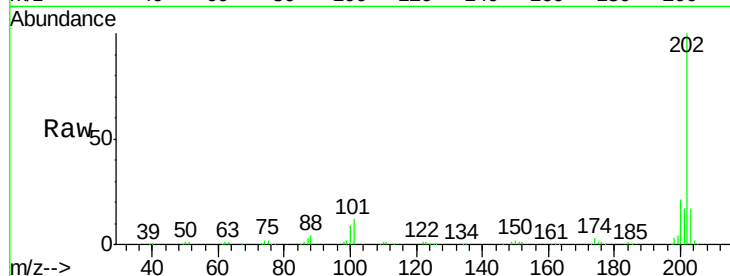




#77
 Pvrene
 Concen: 23.23 ng
 RT: 19.60 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

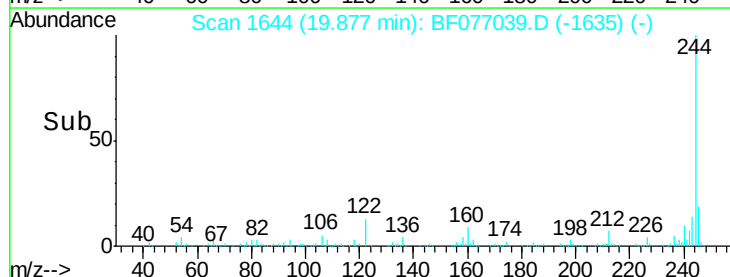
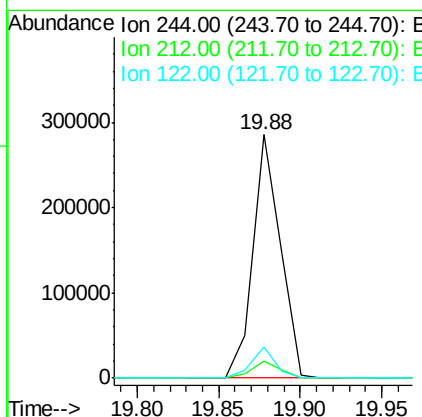
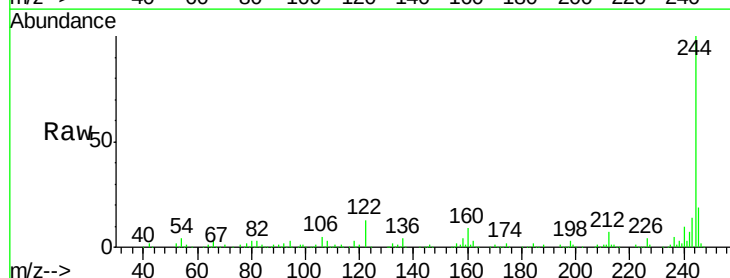
Instrument :
 BNA_F
 ClientSampleId :

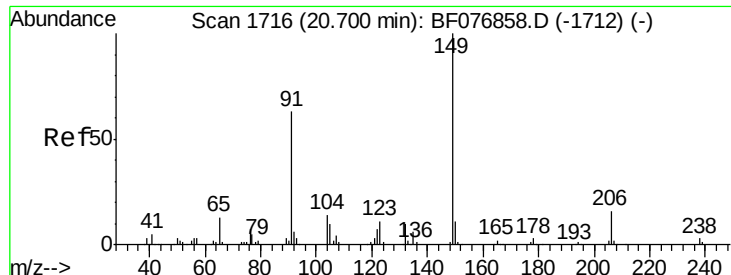
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.3	14.0	21.0



#78
 Terphenyl-d14
 Concen: 56.64 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	13.0	10.1	15.1

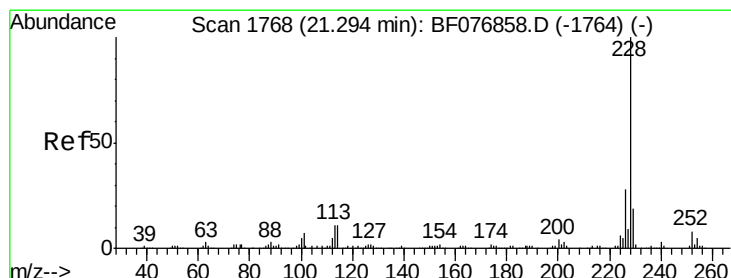
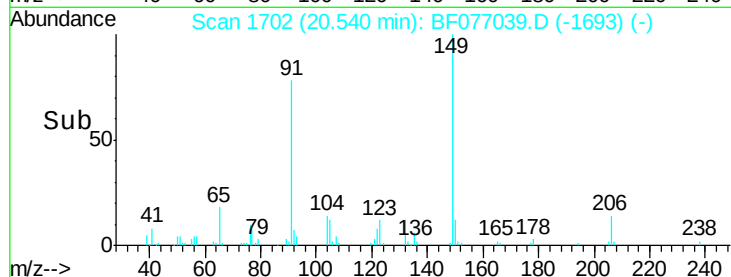
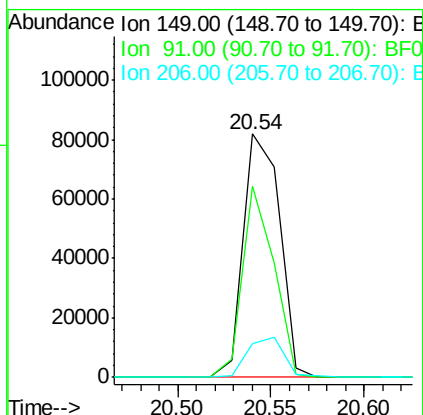
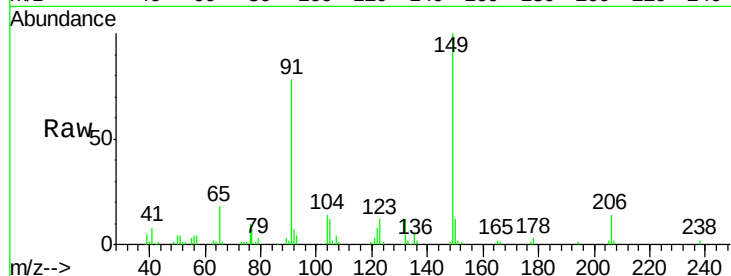




#79
Butylbenzylphthalate
Concen: 26.36 ng
RT: 20.54 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

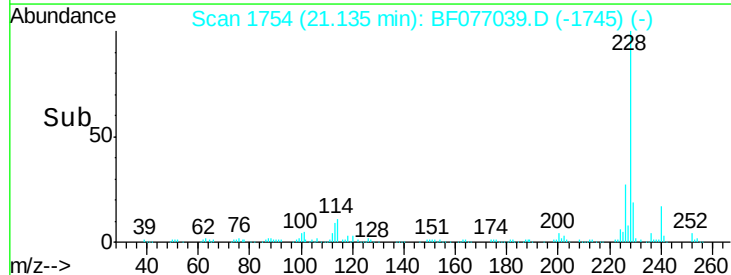
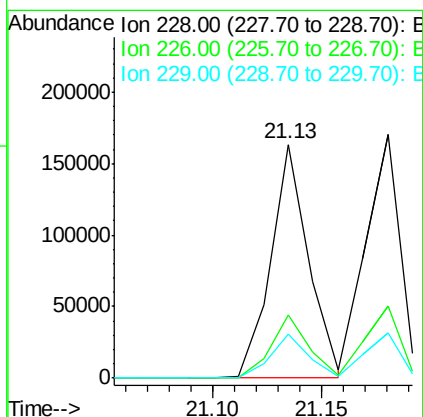
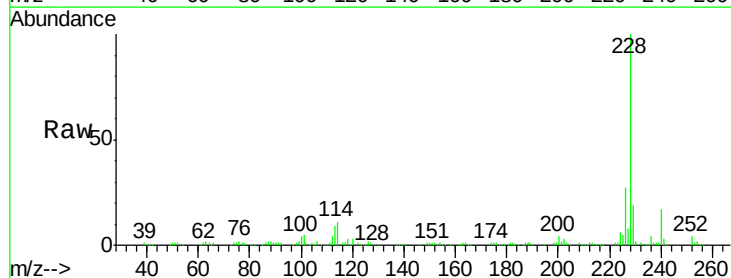
Instrument :
BNA_F
ClientSampleId :

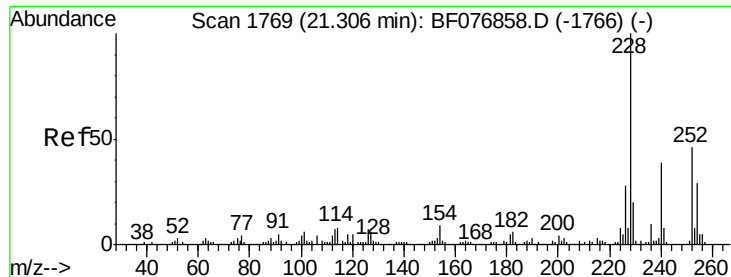
Tot Ion:149 Resp: 110818
Ion Ratio Lower Upper
149 100
91 78.3 50.6 76.0#
206 14.0 12.8 19.2



#80
Benzo(a)anthracene
Concen: 23.39 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:228 Resp: 198763
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.0 15.5 23.3

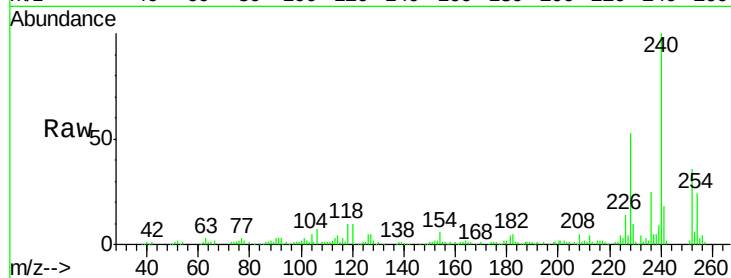




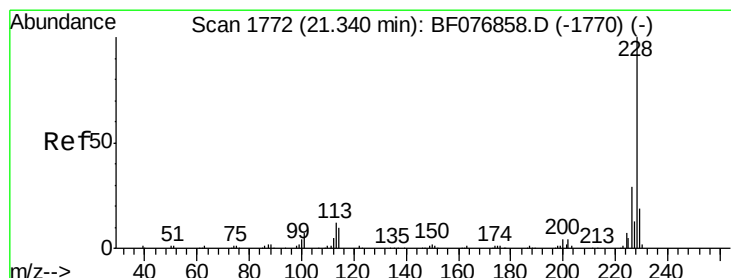
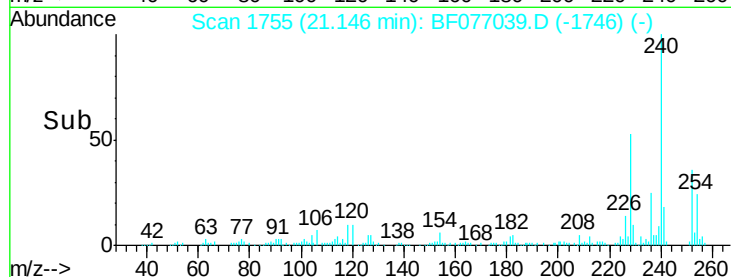
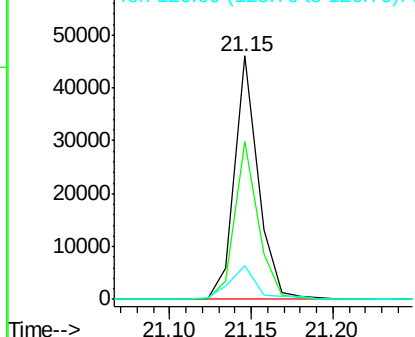
#81
 3,3'-Dichlorobenzidine
 Concen: 17.07 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 46099
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.2 75.4
 126 13.7 11.5 17.3

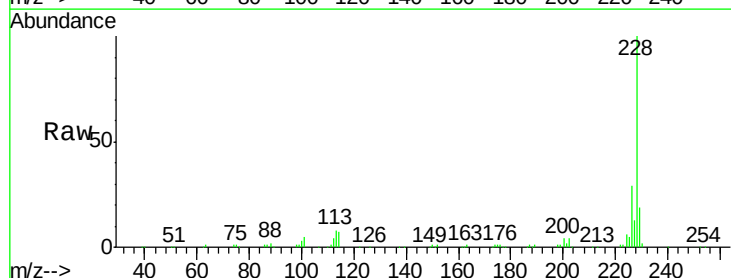


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

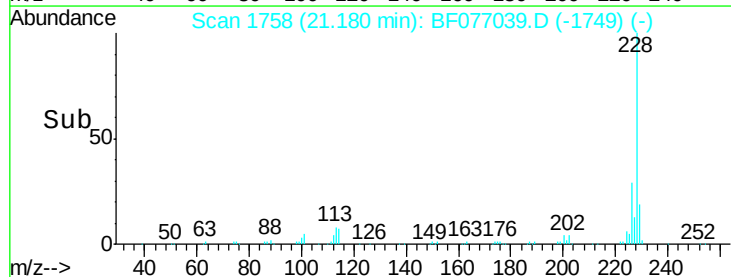
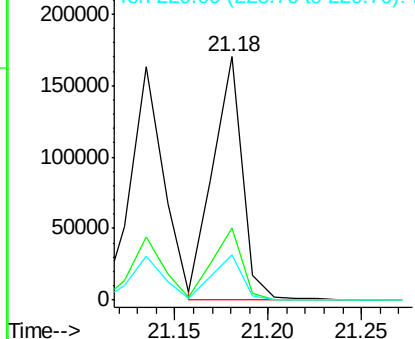


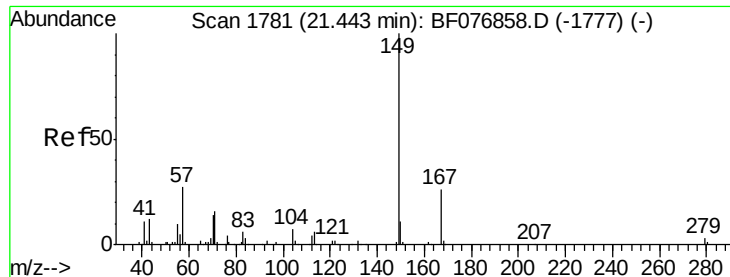
#82
 Chrysene
 Concen: 24.14 ng
 RT: 21.18 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:228 Resp: 187097
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.4 35.0
 229 18.6 15.4 23.0



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

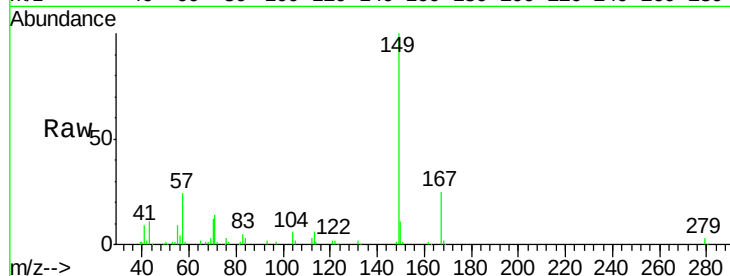




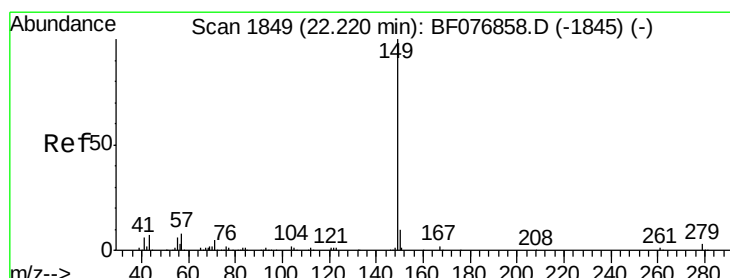
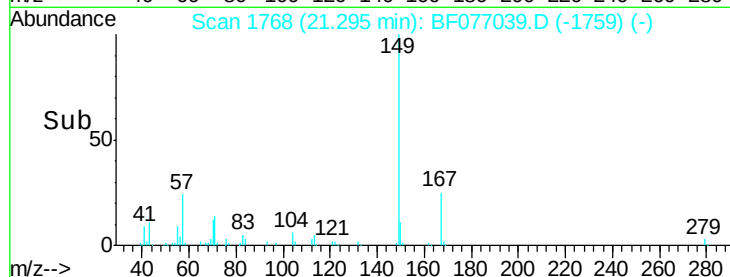
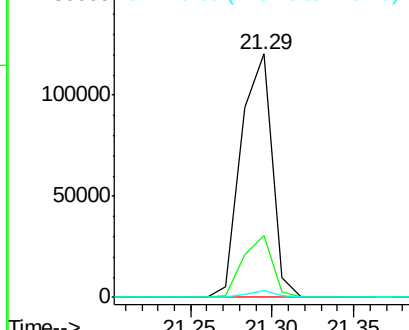
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.11 ng
 RT: 21.29 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 157701
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.6 30.8
 279 2.6 2.2 3.2

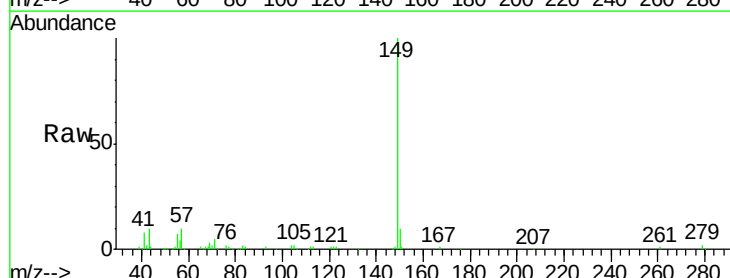


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

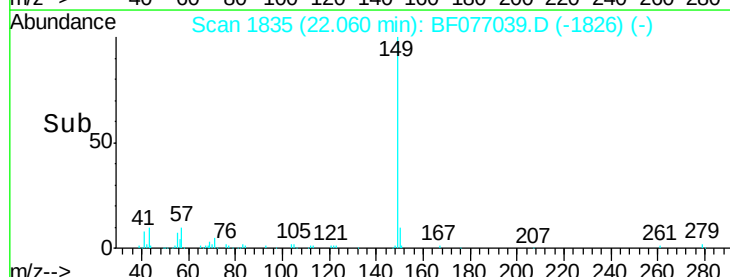
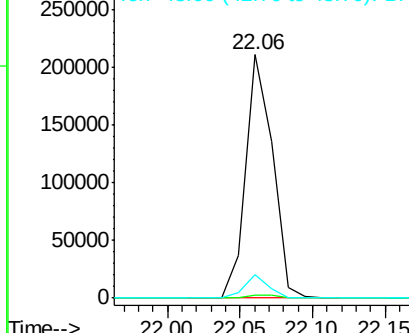


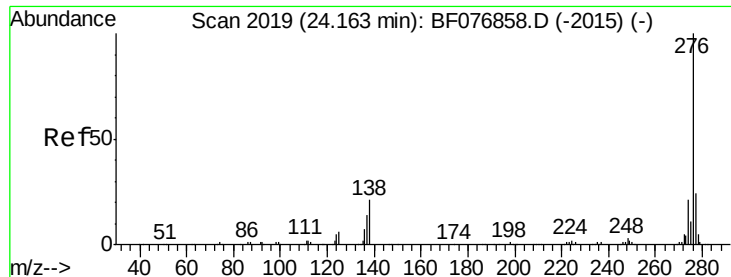
#84
 Di-n-octyl phthalate
 Concen: 26.79 ng
 RT: 22.06 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Tgt Ion:149 Resp: 270523
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.6 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

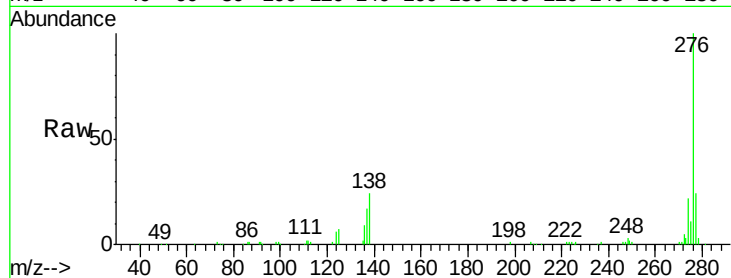




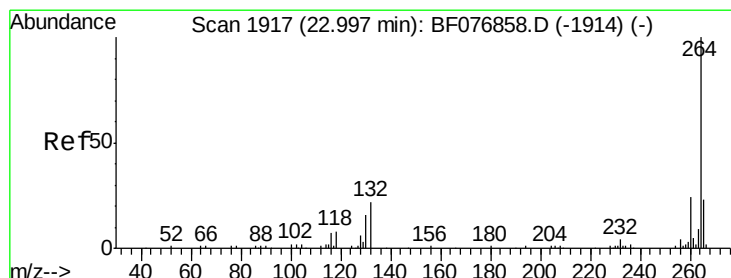
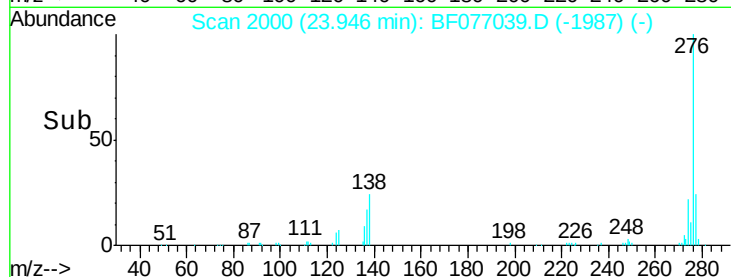
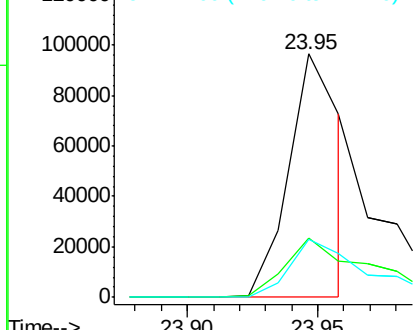
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.41 ng
RT: 23.95 min Scan# 2000
Delta R.T. 0.05 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 134776
Ion Ratio Lower Upper
276 100
138 24.2 14.6 22.0#
277 23.4 14.8 22.2#

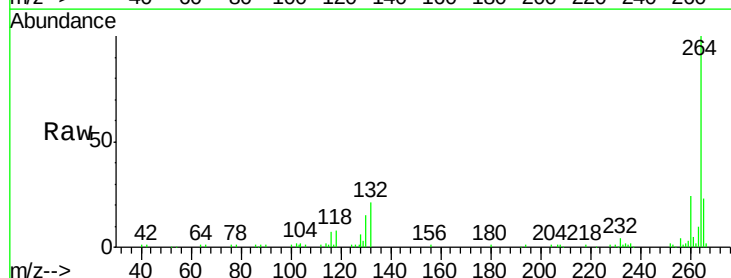


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

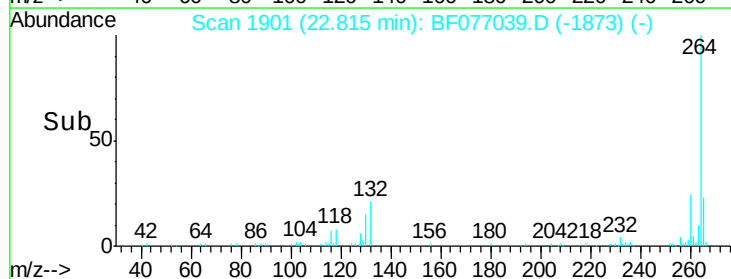
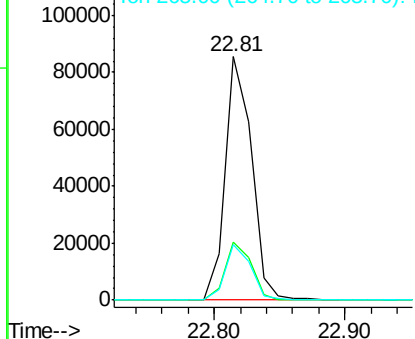


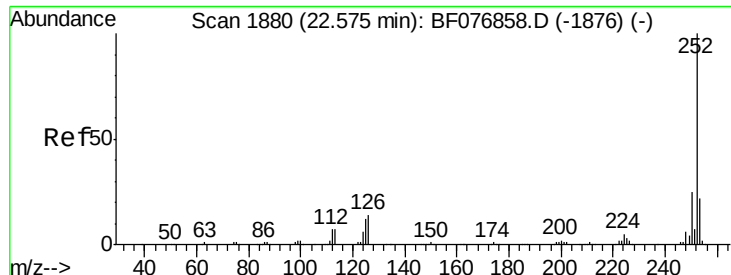
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.81 min Scan# 1901
Delta R.T. 0.02 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:264 Resp: 119898
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 22.6 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

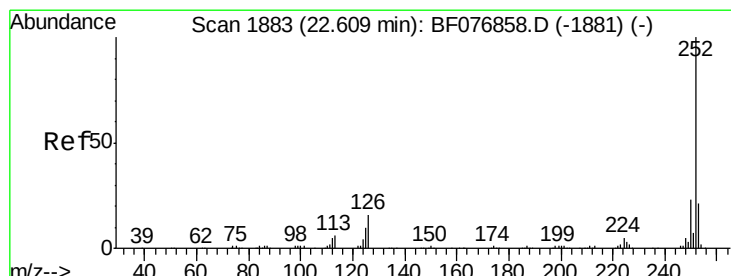
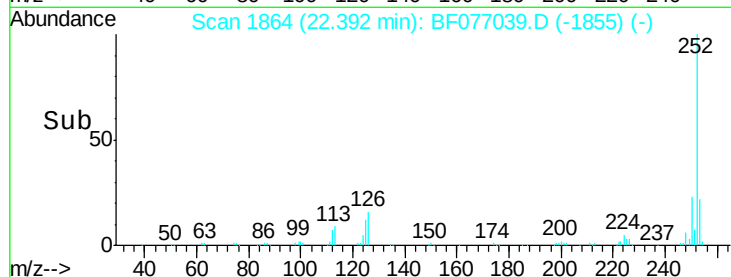
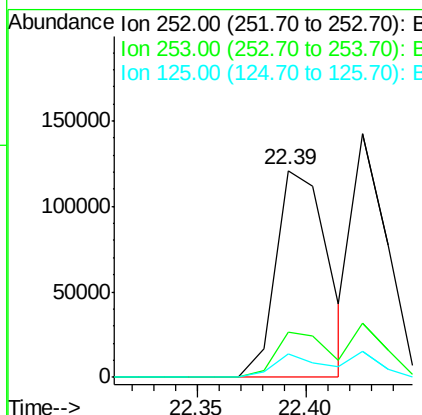
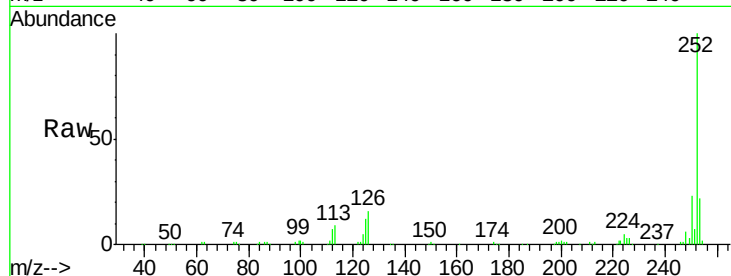




#87
Benzo(b)fluoranthene
Concen: 24.88 ng
RT: 22.39 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

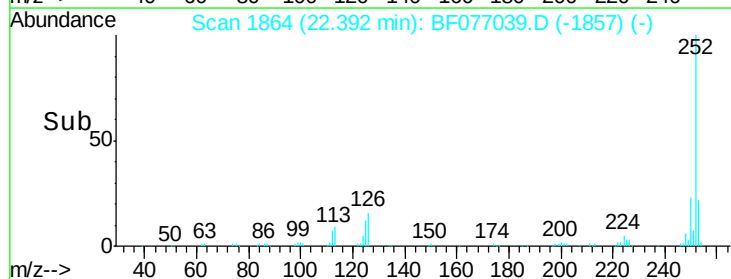
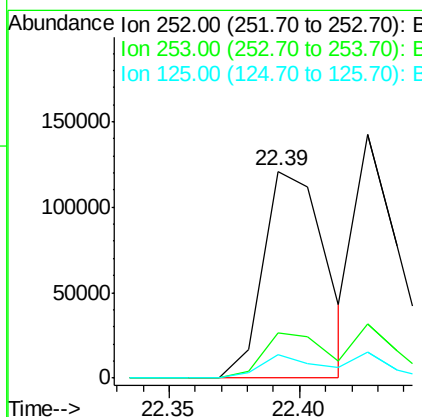
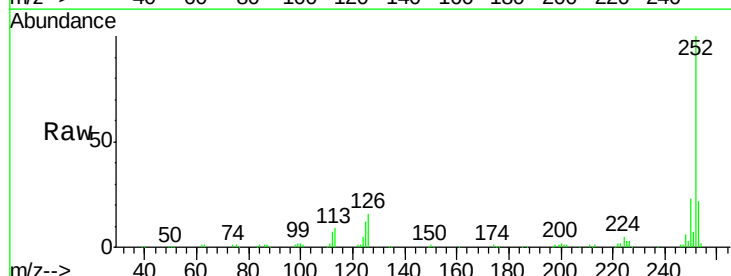
Instrument :
BNA_F
ClientSampleId :

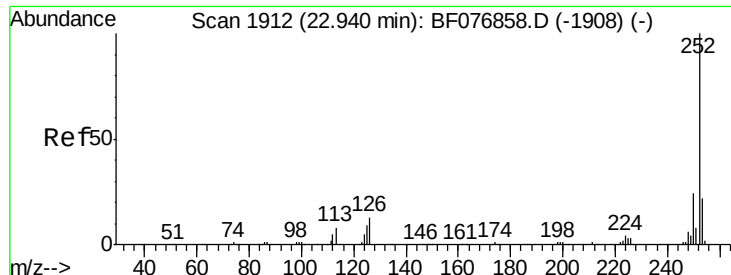
Tot Ion:252 Resp: 200885
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.6 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 28.47 ng
RT: 22.39 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:252 Resp: 200875
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.6 7.1 10.7#

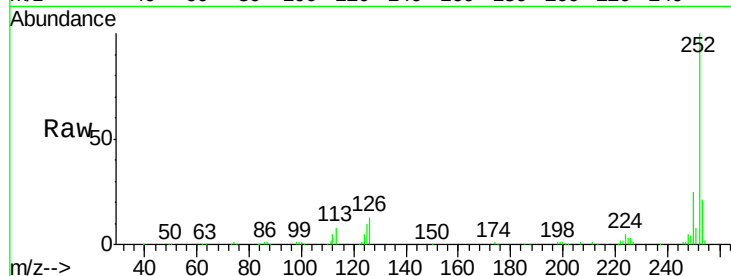




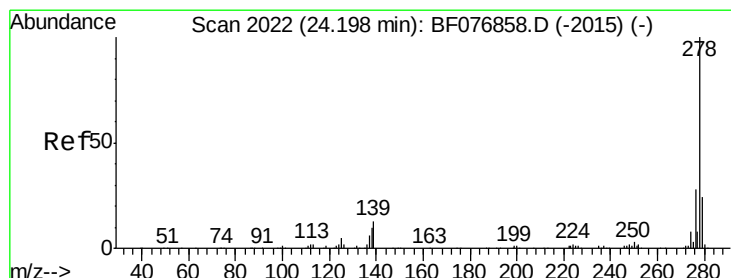
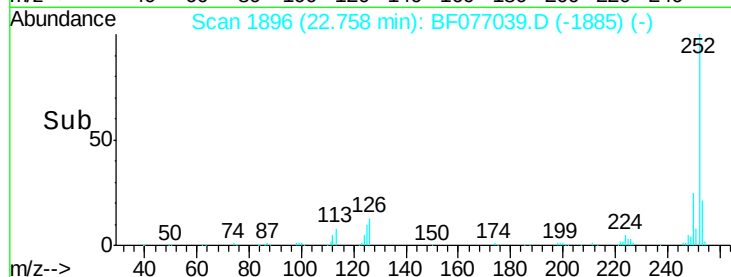
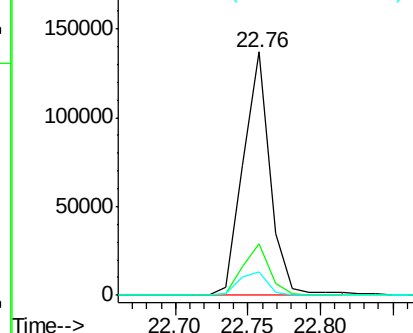
#89
Benzo(a)pyrene
Concen: 24.80 ng
RT: 22.76 min Scan# 1896
Delta R.T. 0.02 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 176670
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 9.8 7.2 10.8

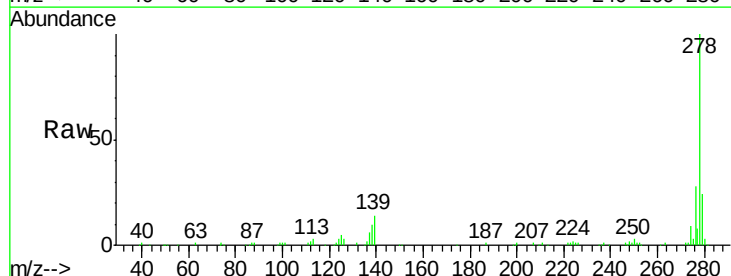


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

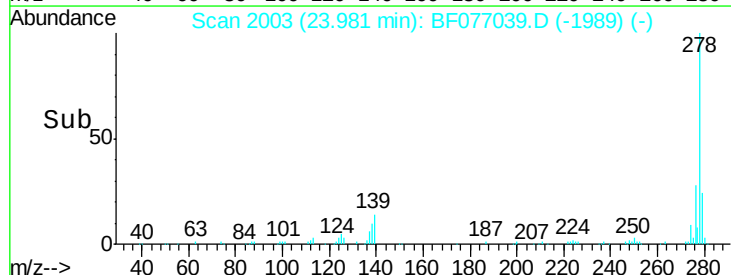
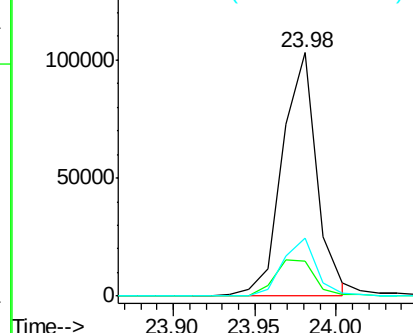


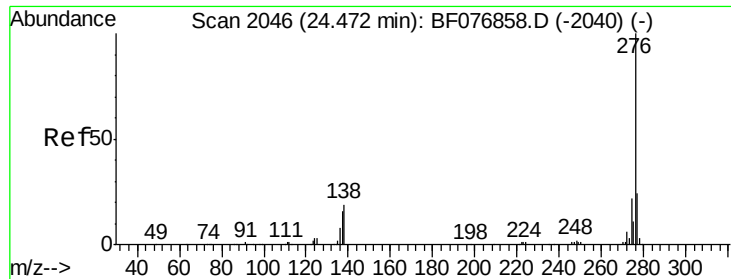
#90
Dibenzo(a,h)anthracene
Concen: 23.24 ng
RT: 23.98 min Scan# 2003
Delta R.T. 0.06 min
Lab File: BF077039.D
Acq: 23 Jan 2015 16:03

Tgt Ion:278 Resp: 151908
Ion Ratio Lower Upper
278 100
139 14.3 10.5 15.7
279 23.8 19.3 28.9



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

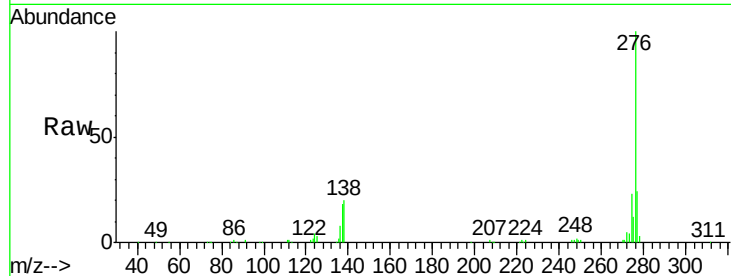




#91
 Benzo(a,h,i)perylene
 Concen: 23.52 ng
 RT: 24.23 min Scan# 2025
 Delta R.T. 0.06 min
 Lab File: BF077039.D
 Acq: 23 Jan 2015 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.5	29.3
138	19.9	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

