

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077040.D
 Acq On : 23 Jan 2015 16:37
 Operator : TP/IZ
 Sample : PB81496BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 22:33:59 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 22:23:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22683	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	93331	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	50486	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	88120	20.00	ng	0.00
75) Chrysene-d12	21.15	240	86240	20.00	ng	0.00
86) Perylene-d12	22.79	264	77410	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.79	112	131519	95.33	ng	0.00
7) Phenol-d6	7.17	99	166762	95.82	ng	0.00
23) Nitrobenzene-d5	9.06	82	148823	88.34	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	43247	105.53	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	314612	94.83	ng	0.00
78) Terphenyl-d14	19.88	244	337246	90.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.17	88	14510	24.56	ng	# 88
3) Pyridine	1.61	79	52355	34.25	ng	89
4) n-Nitrosodimethylamine	1.58	42	26926	35.56	ng	97
6) Aniline	7.05	93	51383	21.33	ng	98
8) 2-Chlorophenol	7.29	128	57161	35.94	ng	95
9) Benzaldehyde	6.77	77	11022	9.35	ng	98
10) Phenol	7.19	94	69184	37.44	ng	95
11) bis(2-Chloroethyl)ether	7.30	93	55481	38.37	ng	# 80
12) 1,3-Dichlorobenzene	7.60	146	61573	34.03	ng	95
13) 1,4-Dichlorobenzene	7.80	146	63071	32.87	ng	98
14) 1,2-Dichlorobenzene	8.12	146	62079	35.11	ng	98
15) Benzyl Alcohol	8.21	79	51119	36.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	68792	35.39	ng	96
17) 2-Methylphenol	8.55	107	45222	34.79	ng	93
18) Hexachloroethane	8.86	117	24682	36.98	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	42246	34.68	ng	96
20) 3+4-Methylphenols	8.94	107	59827	34.76	ng	95
22) Acetophenone	8.76	105	85114	37.23	ng	99
24) Nitrobenzene	9.11	77	62483	36.41	ng	93
25) Isophorone	9.70	82	112432	36.65	ng	98
26) 2-Nitrophenol	9.85	139	30675	35.39	ng	95
27) 2,4-Dimethylphenol	10.13	122	51609	38.89	ng	96
28) bis(2-Chloroethoxy)methane	10.34	93	67856	38.91	ng	100
29) 2,4-Dichlorophenol	10.45	162	49561	40.07	ng	96
30) 1,2,4-Trichlorobenzene	10.58	180	50230	36.56	ng	96
31) Naphthalene	10.72	128	171401	35.67	ng	100
32) Benzoic acid	10.49	122	17656	24.01	ng	91
33) 4-Chloroaniline	10.97	127	43738	22.53	ng	95
34) Hexachlorobutadiene	11.09	225	29133	35.74	ng	95
35) Caprolactam	11.81	113	13372	36.72	ng	93
36) 4-Chloro-3-methylphenol	12.28	107	54245	38.30	ng	96
37) 2-Methylnaphthalene	12.38	142	123208	37.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	49158	39.38	ng	97
40) Hexachlorocyclopentadiene	12.77	237	53024	78.97	ng	97

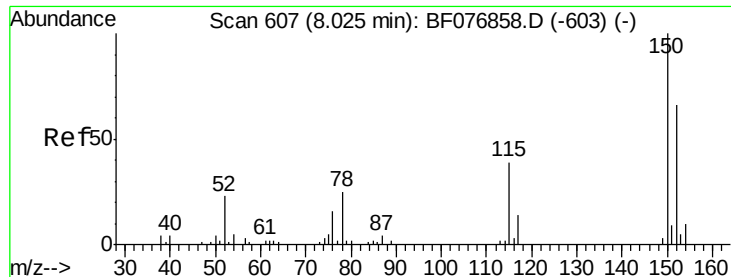
Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077040.D
 Acq On : 23 Jan 2015 16:37
 Operator : TP/IZ
 Sample : PB81496BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jan 23 22:33:59 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 22:23:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	35740	39.30	nq	97
43) 2,4,5-Trichlorophenol	13.21	196	36891	39.77	nq	95
45) 1,1'-Biphenyl	13.53	154	144210	38.53	nq	98
46) 2-Chloronaphthalene	13.51	162	117313	38.09	nq	97
47) 2-Nitroaniline	13.85	65	37024	39.63	nq	86
48) Acenaphthylene	14.46	152	191145	36.79	nq	98
49) Dimethylphthalate	14.41	163	146823	41.01	nq	98
50) 2,6-Dinitrotoluene	14.51	165	30323	42.39	nq	95
51) Acenaphthene	14.88	154	108705	36.88	nq	97
52) 3-Nitroaniline	14.85	138	24875	27.44	nq	88
53) 2,4-Dinitrophenol	15.13	184	27229	80.95	nq	91
54) Dibenzofuran	15.31	168	168618	39.27	nq	99
55) 4-Nitrophenol	15.44	139	44048	78.49	nq	94
56) 2,4-Dinitrotoluene	15.44	165	41889	39.45	nq	# 86
57) Fluorene	16.05	166	138735	38.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.66	232	30029	44.46	nq	# 95
59) Diethylphthalate	16.06	149	152555	42.16	nq	100
60) 4-Chlorophenyl-phenylether	16.15	204	60736	40.81	nq	88
61) 4-Nitroaniline	16.20	138	29606	33.28	nq	97
62) Azobenzene	16.44	77	147593	39.15	nq	99
64) 4,6-Dinitro-2-methylphenol	16.28	198	20037	36.25	nq	98
65) n-Nitrosodiphenylamine	16.39	169	117099	37.27	nq	98
66) 4-Bromophenyl-phenylether	17.01	248	36014	40.34	nq	# 86
67) Hexachlorobenzene	17.02	284	36363	38.65	nq	96
68) Atrazine	17.39	200	44426	46.59	nq	91
69) Pentachlorophenol	17.39	266	35745	82.58	nq	95
70) Phenanthrene	17.67	178	206070	37.50	nq	98
71) Anthracene	17.75	178	209288	39.06	nq	98
72) Carbazole	18.04	167	198467	38.18	nq	99
73) Di-n-butylphthalate	18.63	149	248416	41.29	nq	98
74) Fluoranthene	19.32	202	221634	39.36	nq	98
76) Benzidine	19.57	184	105931	38.39	nq	99
77) Pyrene	19.60	202	225029	38.07	nq	99
79) Butylbenzylphthalate	20.54	149	112022	41.85	nq	87
80) Benzo(a)anthracene	21.13	228	205498	37.98	nq	98
81) 3,3'-Dichlorobenzidine	21.15	252	46708	27.16	nq	96
82) Chrysene	21.18	228	189768	38.46	nq	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	157993	42.66	nq	# 95
84) Di-n-octyl phthalate	22.05	149	282990	44.03	nq	100
85) Indeno(1,2,3-cd)pyrene	23.88	276	166254	31.79	nq	# 83
87) Benzo(b)fluoranthene	22.38	252	190826	36.60	nq	# 96
88) Benzo(k)fluoranthene	22.38	252	190826	41.89	nq	99
89) Benzo(a)pyrene	22.72	252	185354	40.30	nq	# 96
90) Dibenzo(a,h)anthracene	23.90	278	160841	38.12	nq	# 93
91) Benzo(g,h,i)perylene	24.15	276	164454	39.20	nq	# 93

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

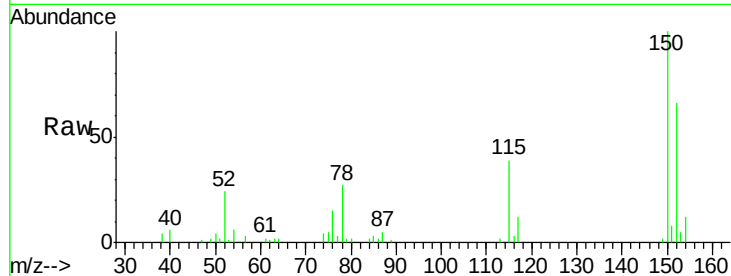


#1

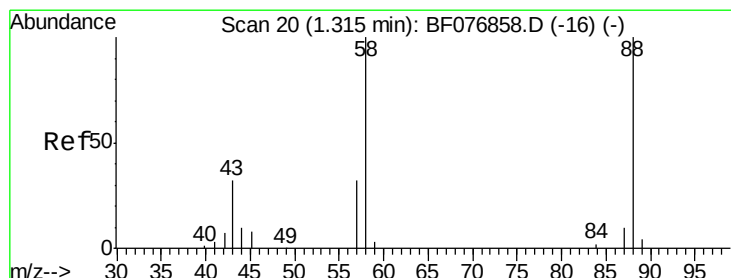
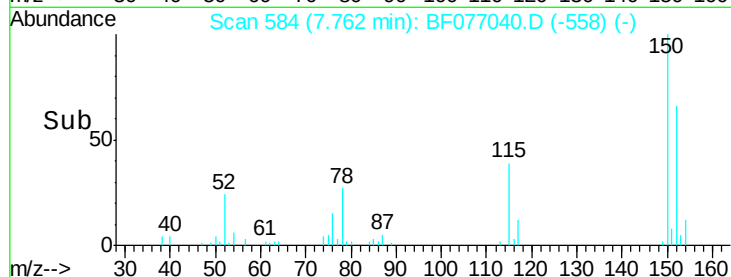
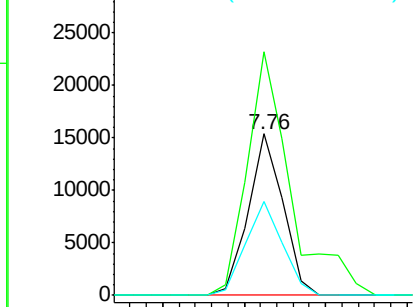
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 22683
Ion Ratio Lower Upper
152 100
150 150.6 121.7 182.5
115 58.3 47.0 70.6



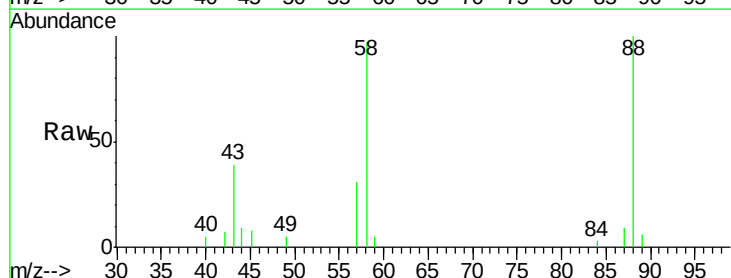
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



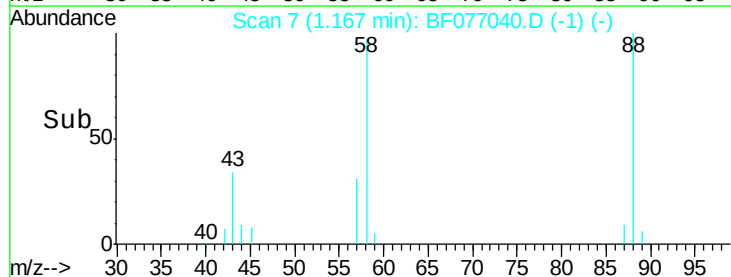
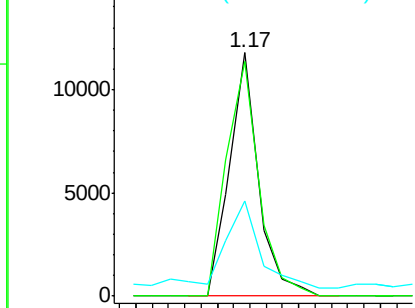
#2

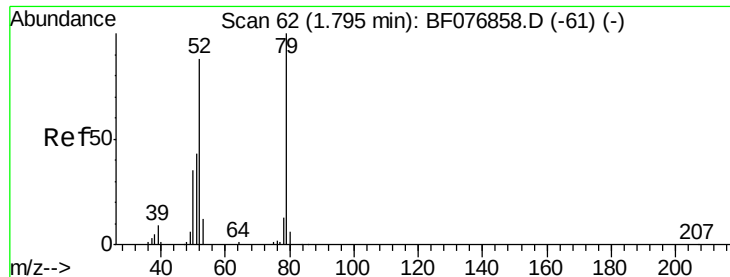
1,4-Dioxane
Concen: 24.56 ng
RT: 1.17 min Scan# 7
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 88 Resp: 14510
Ion Ratio Lower Upper
88 100
58 107.0 77.0 115.4
43 40.5 25.6 38.4#



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





#3

Pvridine

Concen: 34.25 ng

RT: 1.61 min Scan# 46

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

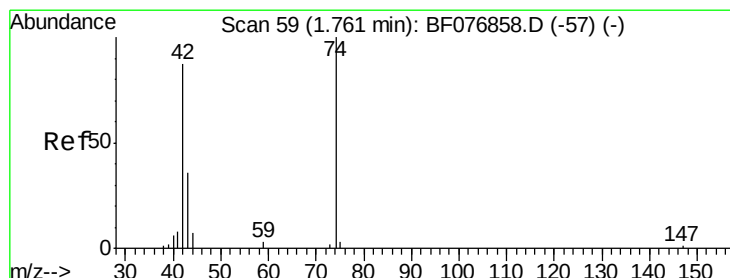
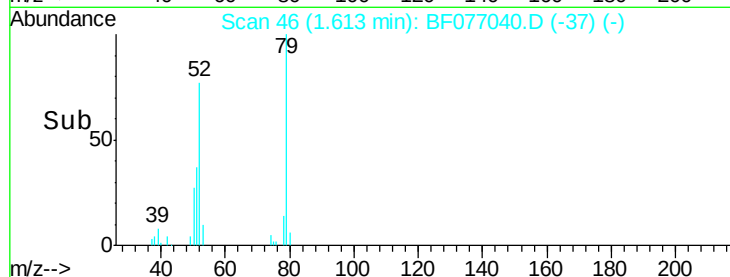
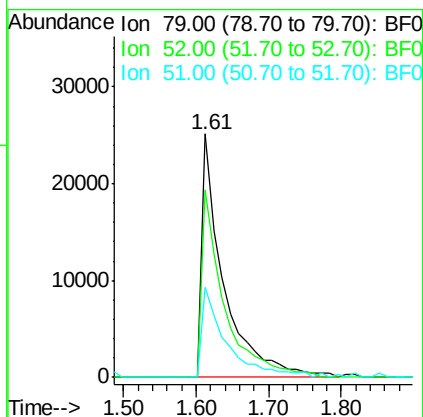
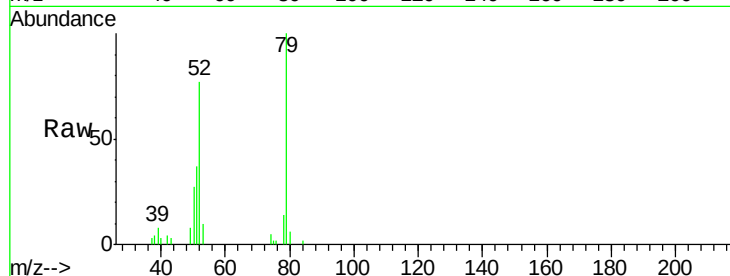
Tot Ion: 79 Resp: 52355

Ion Ratio Lower Upper

79 100

52 76.7 70.1 105.1

51 37.0 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 35.56 ng

RT: 1.58 min Scan# 43

Delta R.T. 0.01 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

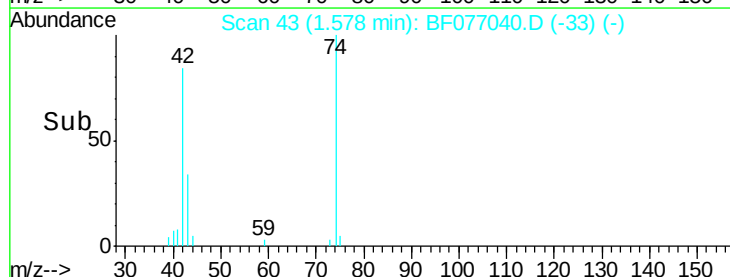
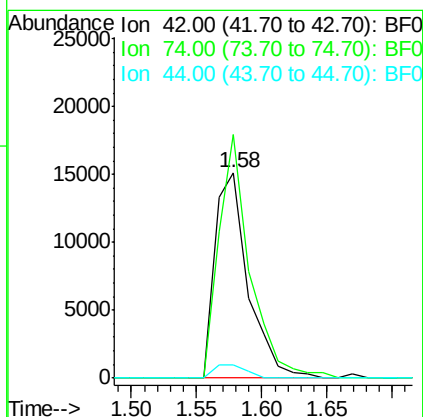
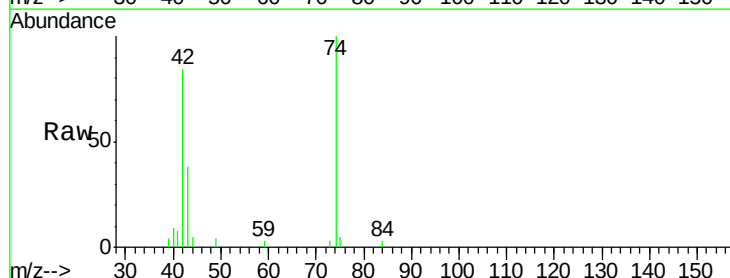
Tgt Ion: 42 Resp: 26926

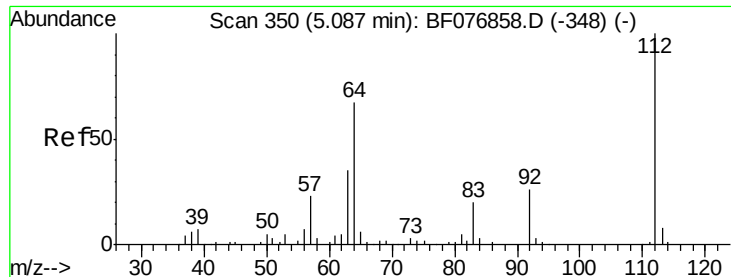
Ion Ratio Lower Upper

42 100

74 118.6 92.4 138.6

44 6.4 6.2 9.2





#5

2-Fluorophenol

Concen: 95.33 ng

RT: 4.79 min Scan# 324

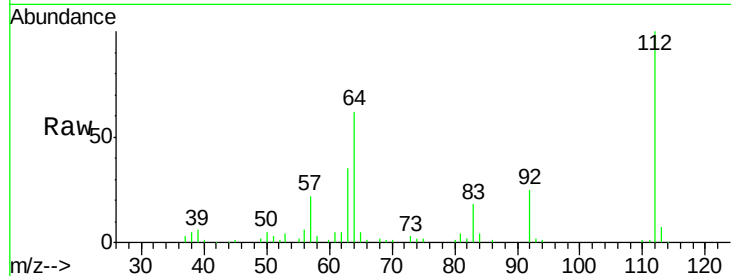
Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

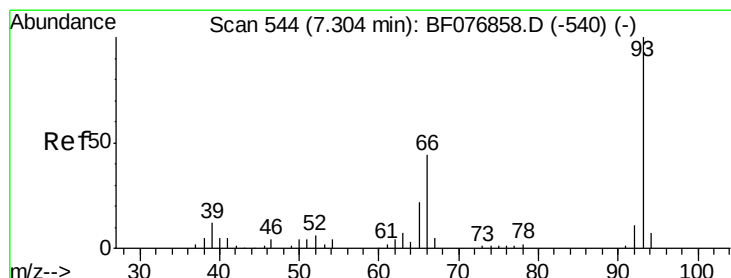
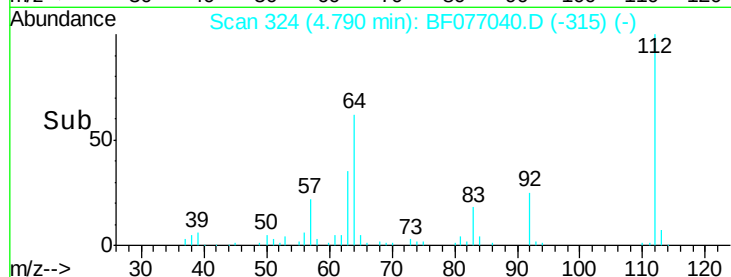
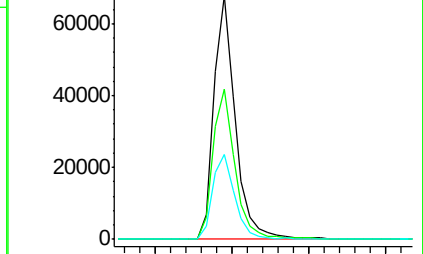
Tot Ion:	112	Resp:	131519
Ion	Ratio	Lower	Upper
112	100		
64	61.7	54.2	81.4
63	34.9	28.4	42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.33 ng

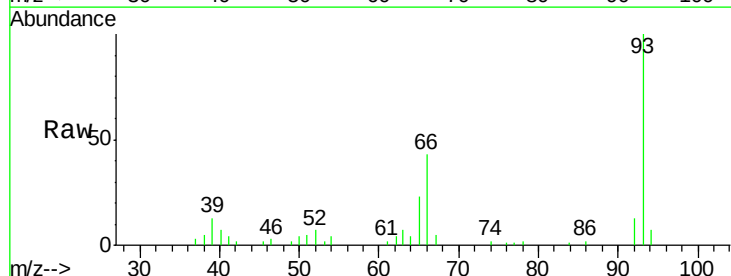
RT: 7.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

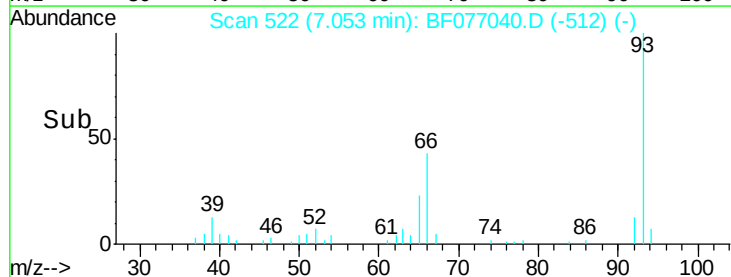
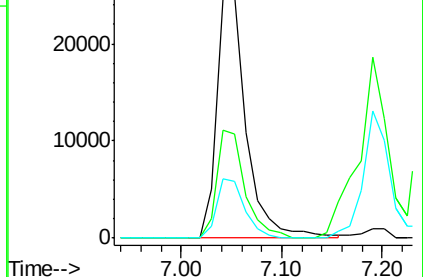
Tgt Ion:	93	Resp:	51383
Ion	Ratio	Lower	Upper
93	100		
66	42.6	35.0	52.4
65	23.1	17.7	26.5

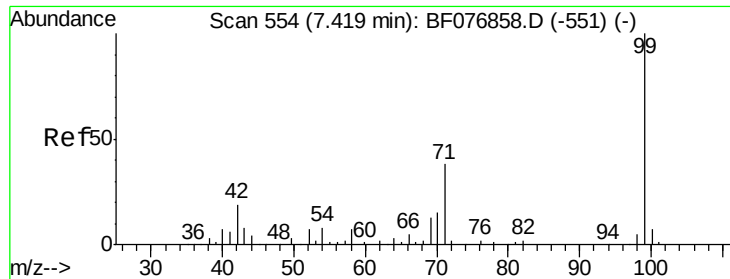


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.82 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampled :

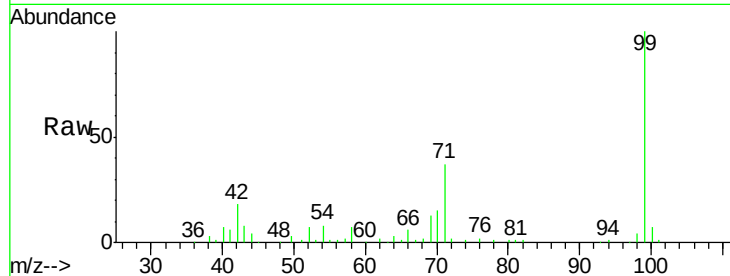
Tot Ion: 99 Resp: 166762

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

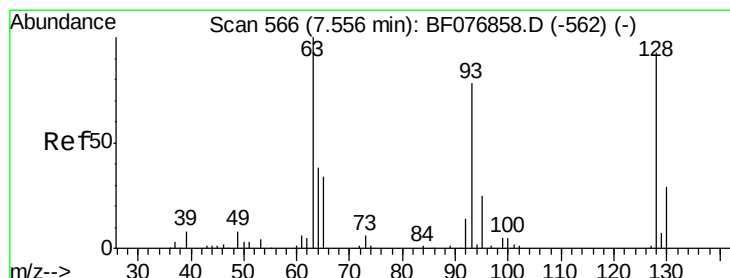
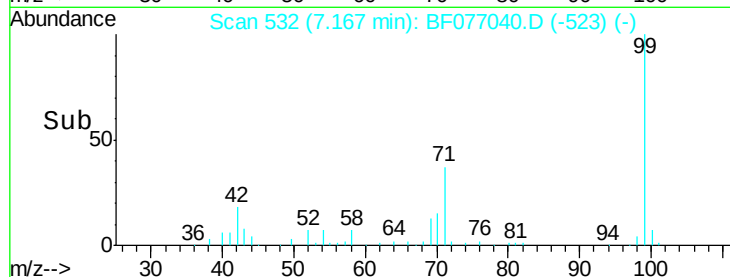
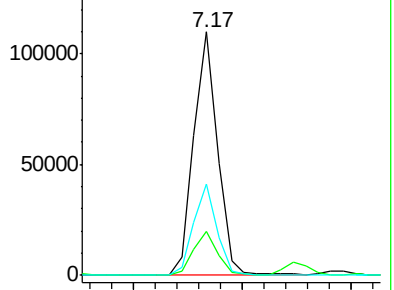
71 37.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#8

2-Chlorophenol

Concen: 35.94 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

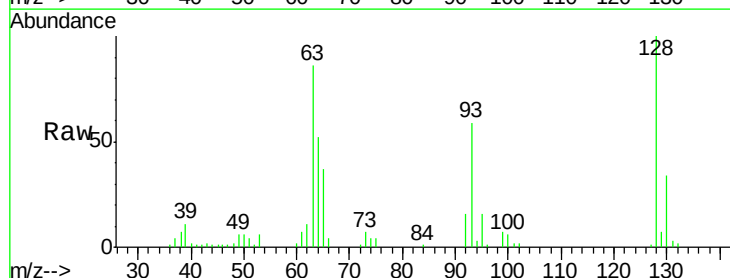
Tgt Ion: 128 Resp: 57161

Ion Ratio Lower Upper

128 100

130 34.2 11.0 51.0

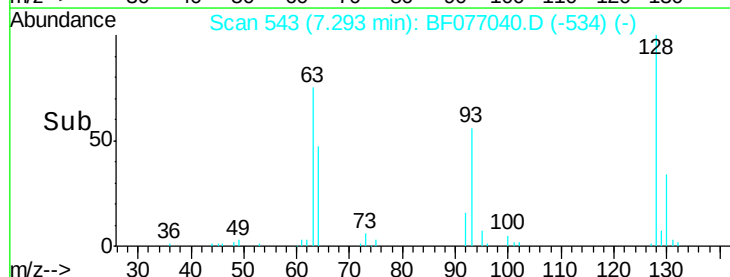
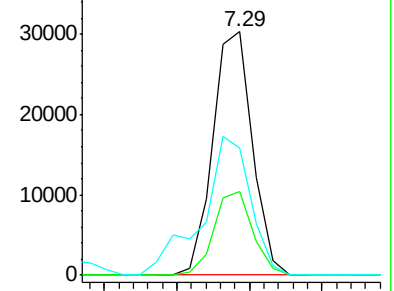
64 52.0 29.3 69.3

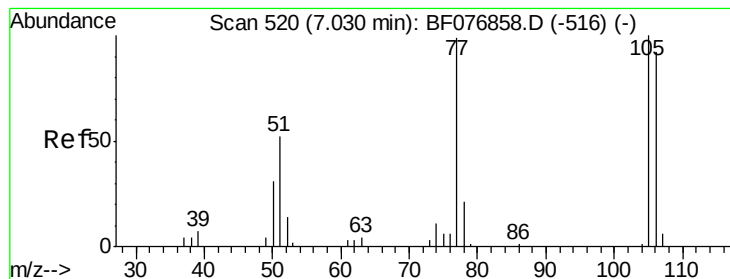


Abundance Ion 128.00 (127.70 to 128.70): BF076858.D (-562) (-)

Ion 130.00 (129.70 to 130.70): BF076858.D (-562) (-)

Ion 64.00 (63.70 to 64.70): BF076858.D (-562) (-)





#9

Benzaldehyde

Concen: 9.35 ng

RT: 6.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

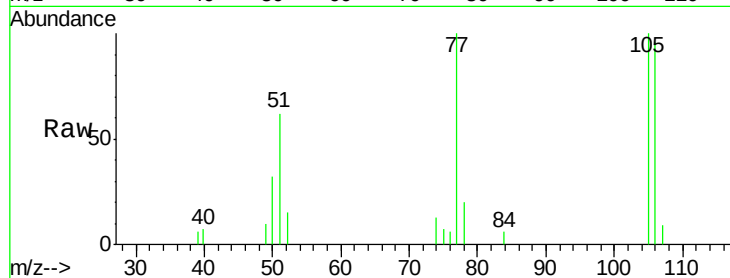
Tot Ion: 77 Resp: 11022

Ion Ratio Lower Upper

77 100

105 100.4 81.4 121.4

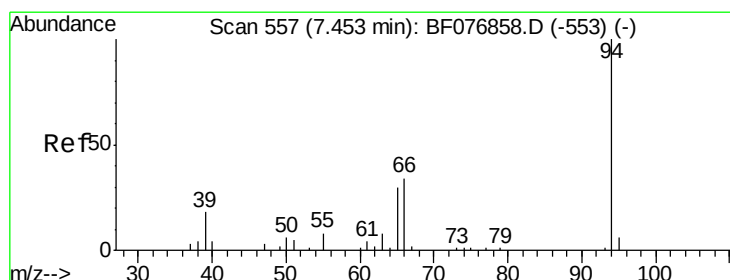
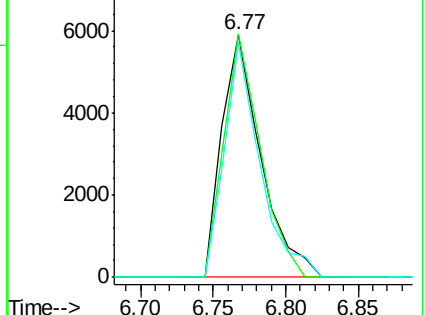
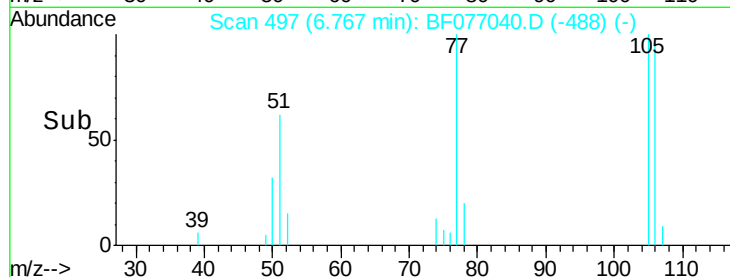
106 96.7 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF077040.D (-488) (-)

Ion 105.00 (104.70 to 105.70): BF077040.D (-488) (-)

Ion 106.00 (105.70 to 106.70): BF077040.D (-488) (-)



#10

Phenol

Concen: 37.44 ng

RT: 7.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

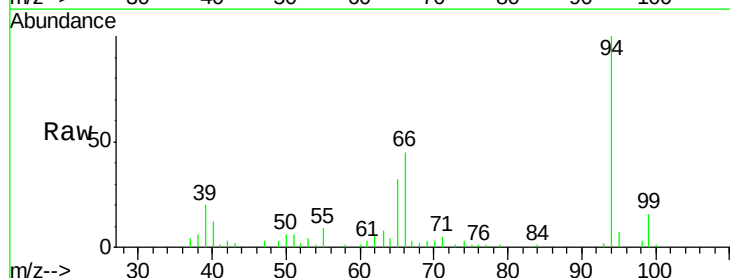
Tgt Ion: 94 Resp: 69184

Ion Ratio Lower Upper

94 100

65 31.6 11.3 51.3

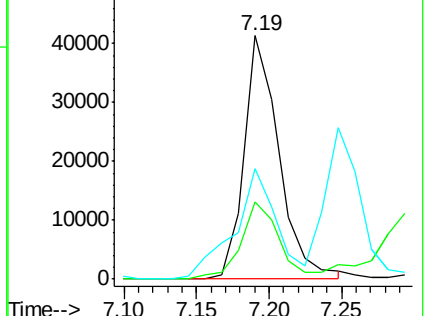
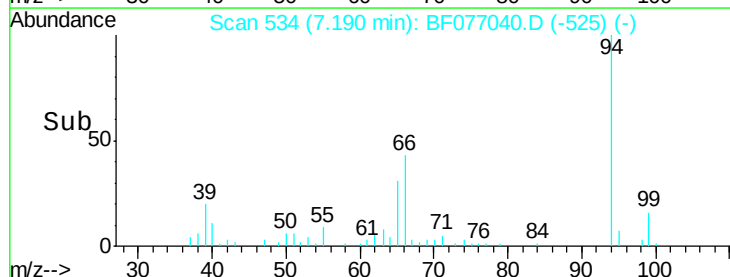
66 45.2 19.5 59.5

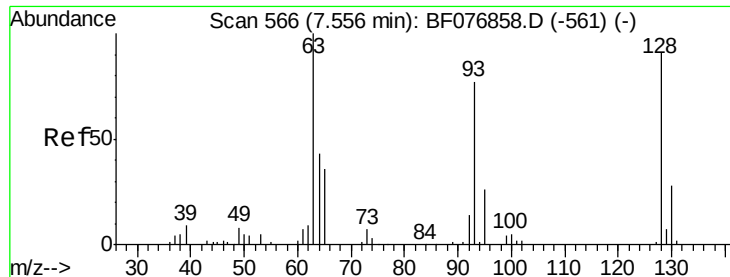


Abundance Ion 94.00 (93.70 to 94.70): BF077040.D (-525) (-)

Ion 65.00 (64.70 to 65.70): BF077040.D (-525) (-)

Ion 66.00 (65.70 to 66.70): BF077040.D (-525) (-)

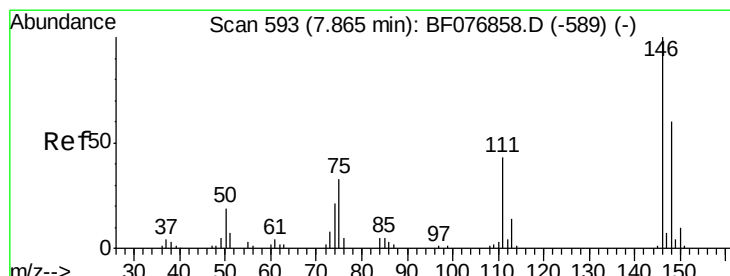
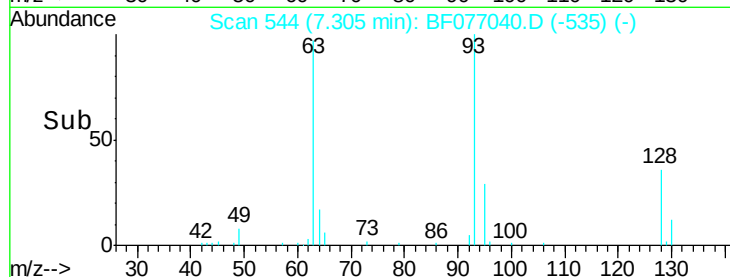
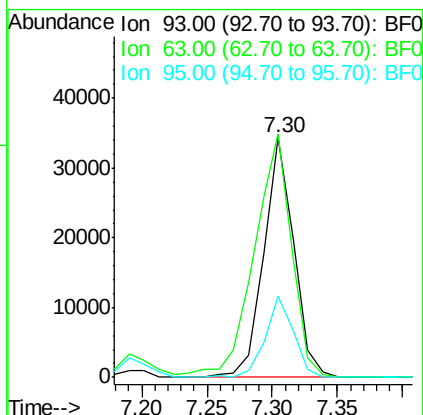
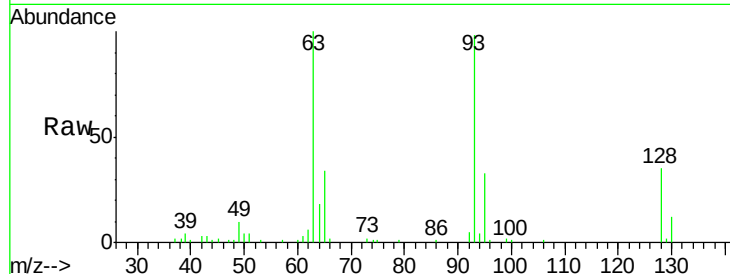




#11
bis(2-Chloroethyl)ether
Concen: 38.37 ng
RT: 7.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

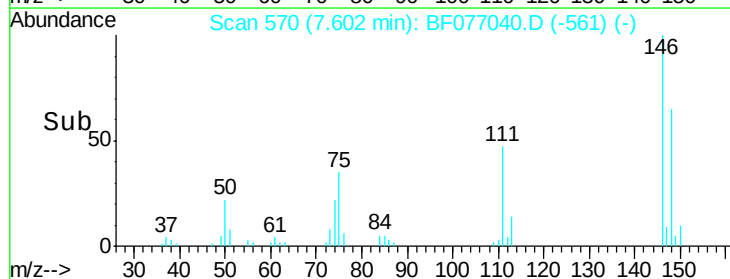
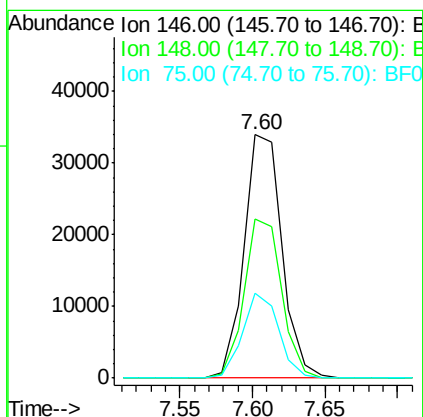
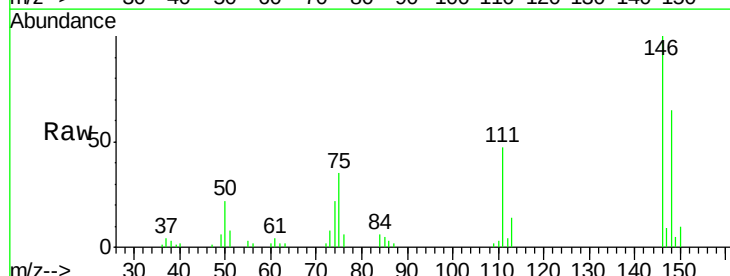
Instrument :
BNA_F
ClientSampleId :

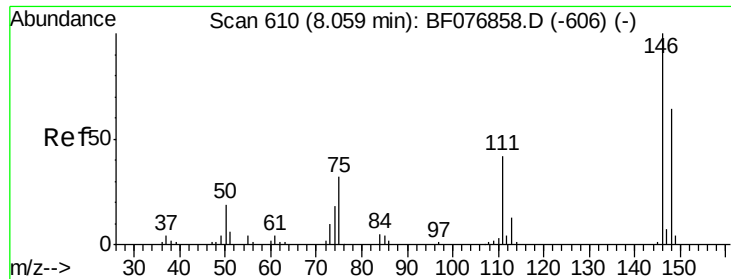
Tot Ion: 93 Resp: 55481
Ion Ratio Lower Upper
93 100
63 101.6 111.3 151.3#
95 33.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 34.03 ng
RT: 7.60 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 146 Resp: 61573
Ion Ratio Lower Upper
146 100
148 65.3 48.1 72.1
75 35.0 26.8 40.2

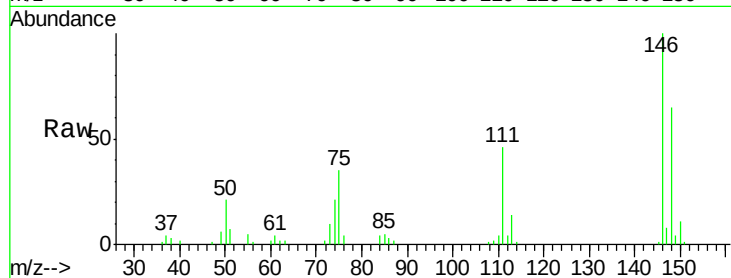




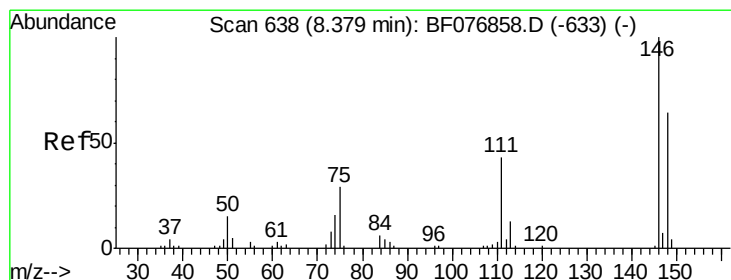
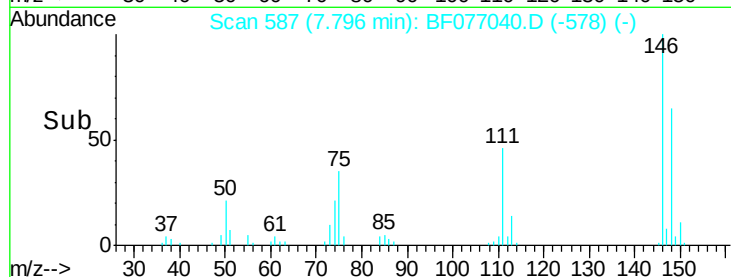
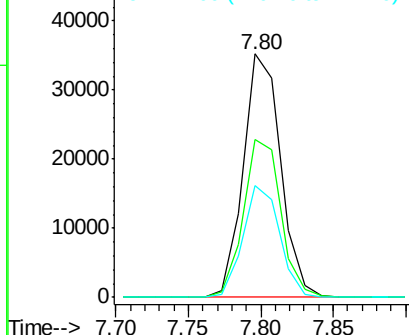
#13
 1,4-Dichlorobenzene
 Concen: 32.87 ng
 RT: 7.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 63071
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.5 77.3
 111 45.8 33.9 50.9

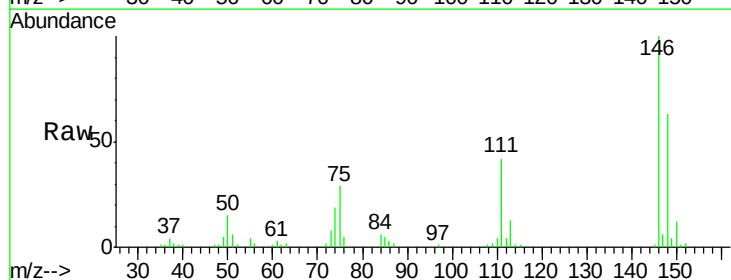


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

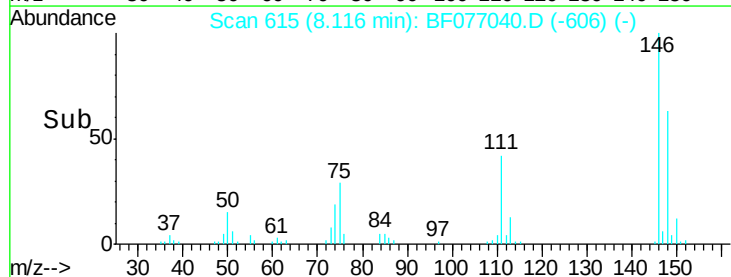
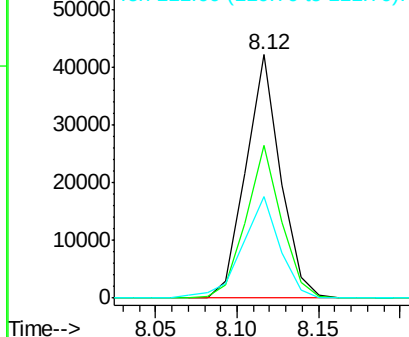


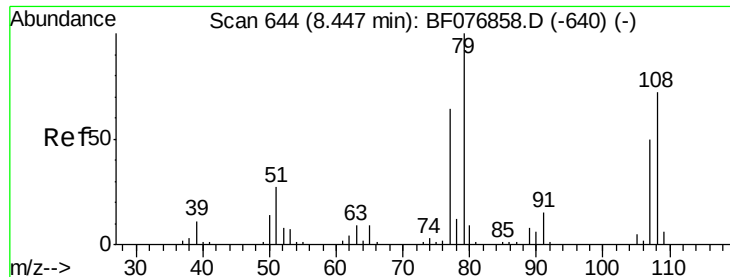
#14
 1,2-Dichlorobenzene
 Concen: 35.11 ng
 RT: 8.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:146 Resp: 62079
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.3 76.9
 111 41.8 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: 36.30 ng

RT: 8.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

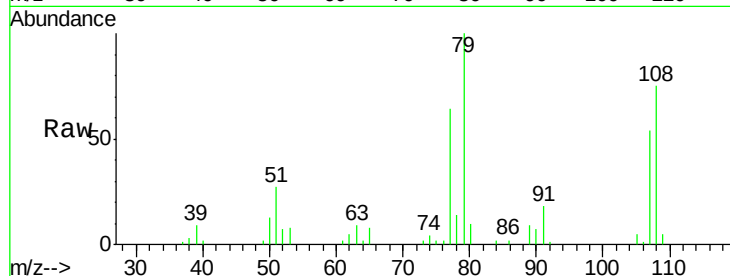
Tot Ion: 79 Resp: 51119

Ion Ratio Lower Upper

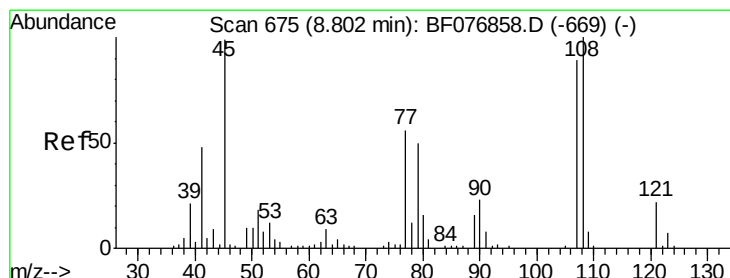
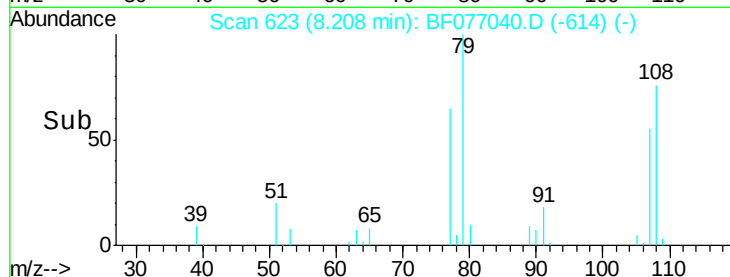
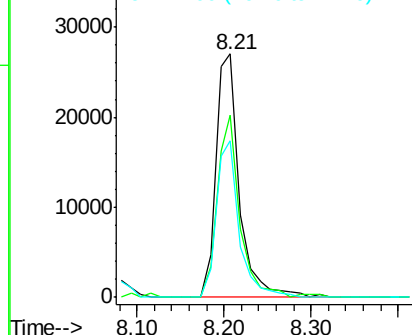
79 100

108 74.9 57.2 85.8

77 64.3 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: 35.39 ng

RT: 8.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

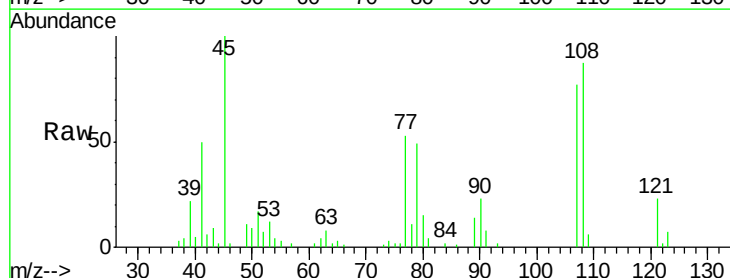
Tgt Ion: 45 Resp: 68792

Ion Ratio Lower Upper

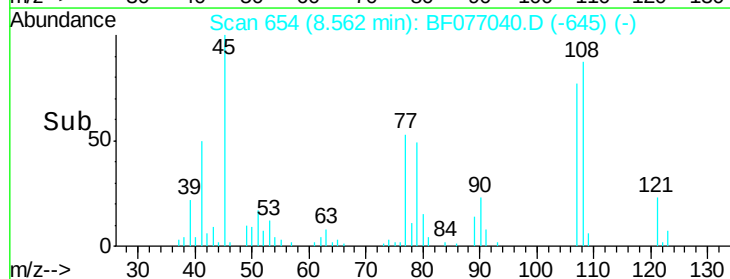
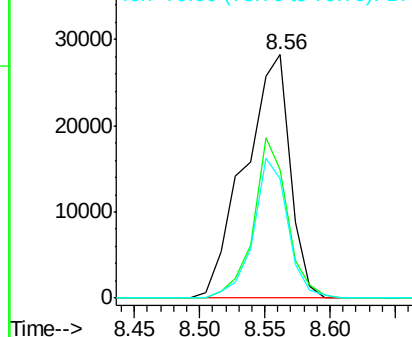
45 100

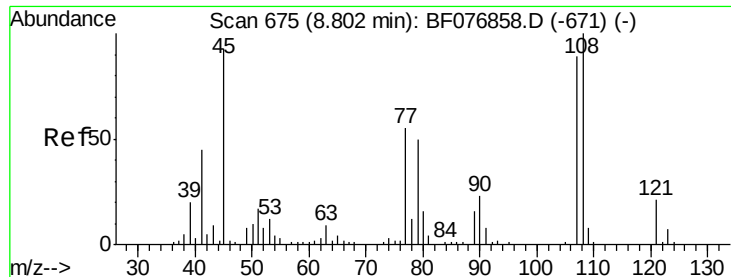
77 52.6 36.1 76.1

79 48.9 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

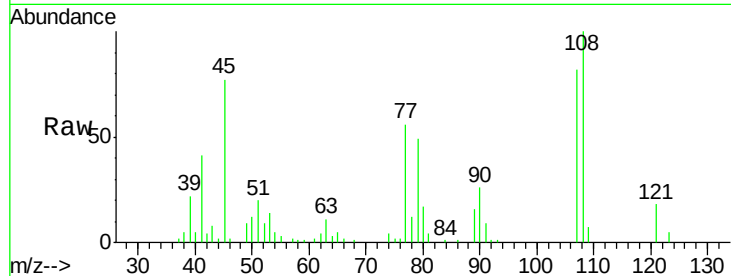




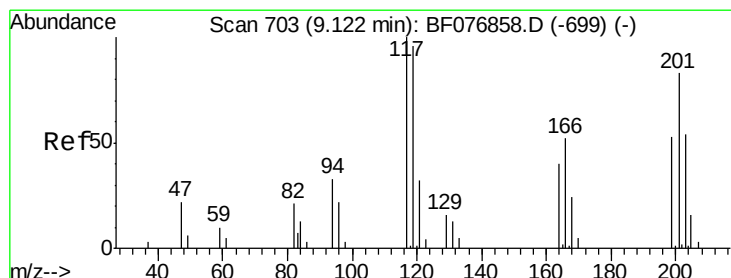
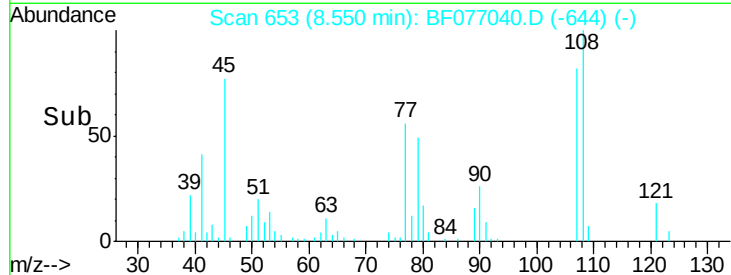
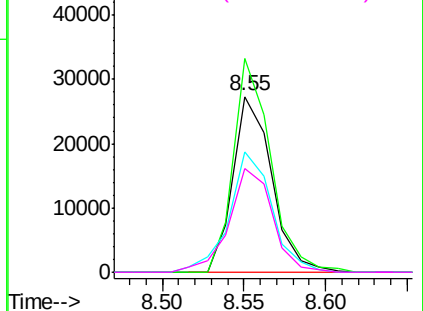
#17
2-Methylphenol
Concen: 34.79 ng
RT: 8.55 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 45222
Ion Ratio Lower Upper
107 100
108 121.5 89.7 134.5
77 68.2 50.1 75.1
79 59.3 45.0 67.6

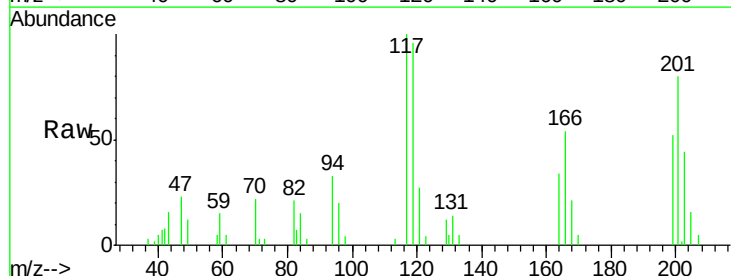


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

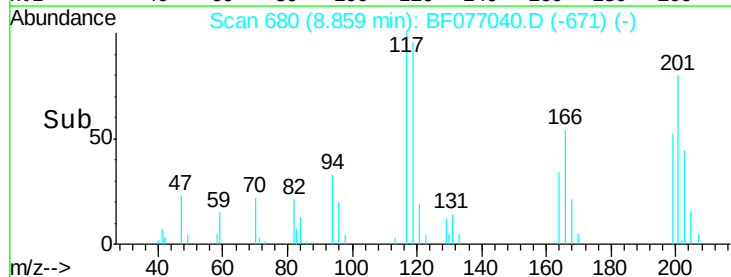
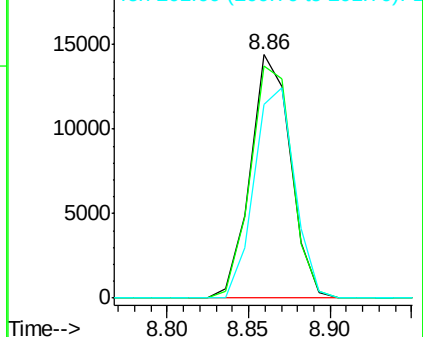


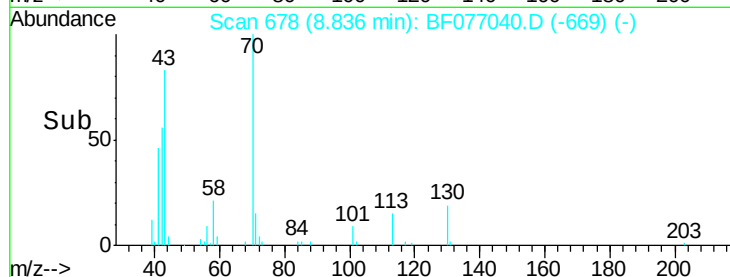
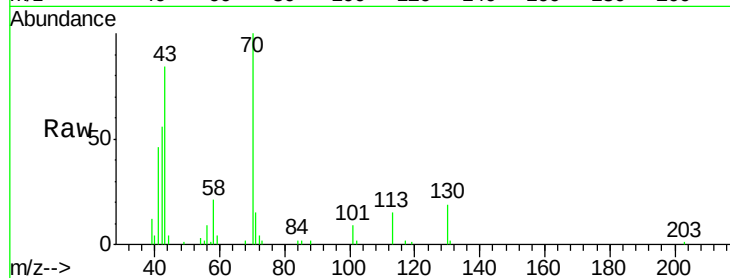
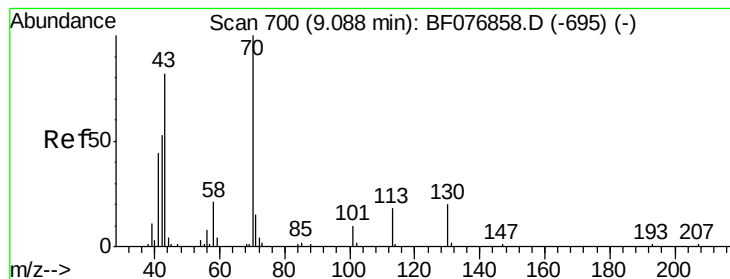
#18
Hexachloroethane
Concen: 36.98 ng
RT: 8.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:117 Resp: 24682
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7
201 79.5 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: 34.68 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42246

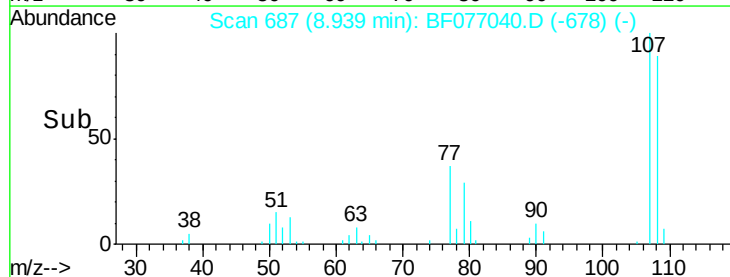
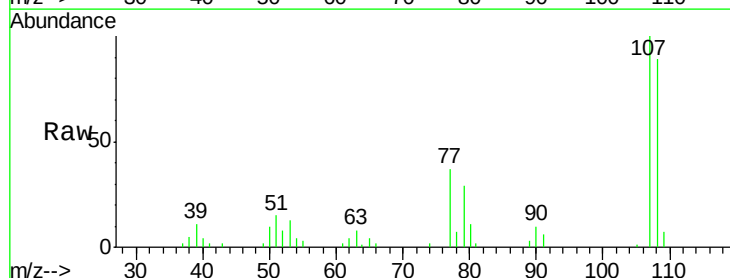
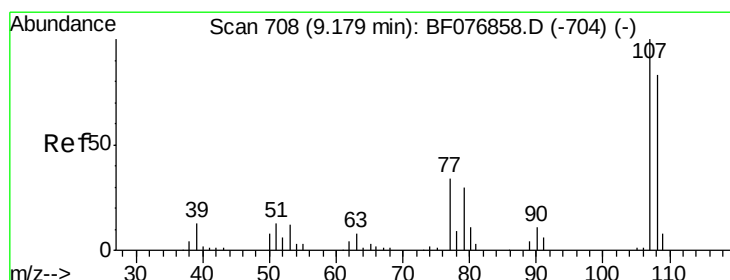
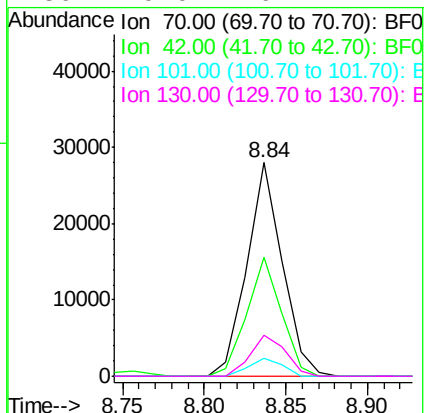
Ion Ratio Lower Upper

70 100

42 55.6 42.1 63.1

101 8.7 7.8 11.8

130 19.0 16.2 24.4



#20

3+4-Methylphenols

Concen: 34.76 ng

RT: 8.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Tgt Ion: 107 Resp: 59827

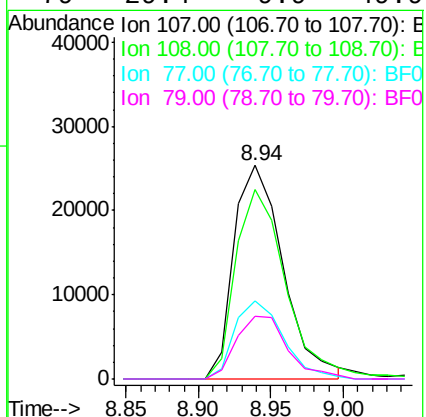
Ion Ratio Lower Upper

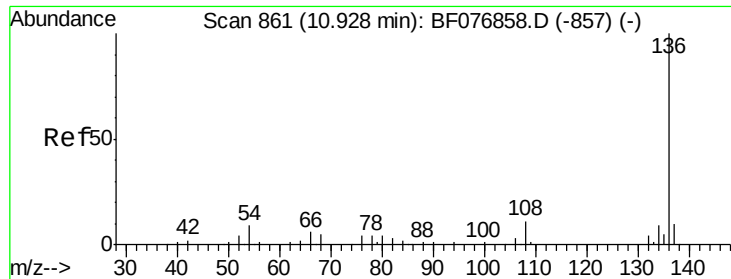
107 100

108 88.9 63.5 103.5

77 36.8 14.0 54.0

79 29.4 9.9 49.9

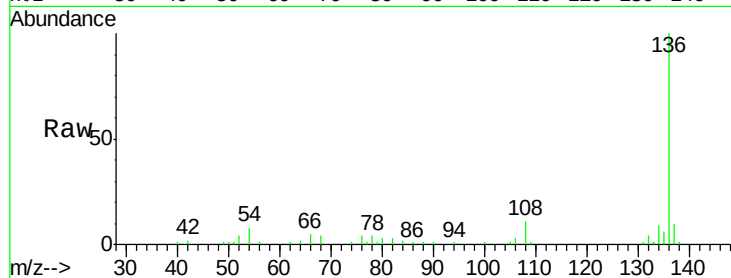




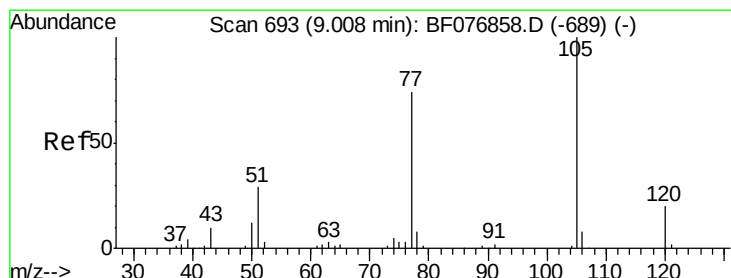
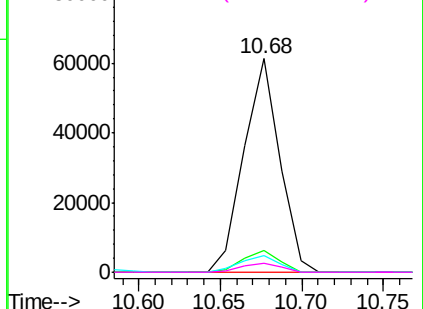
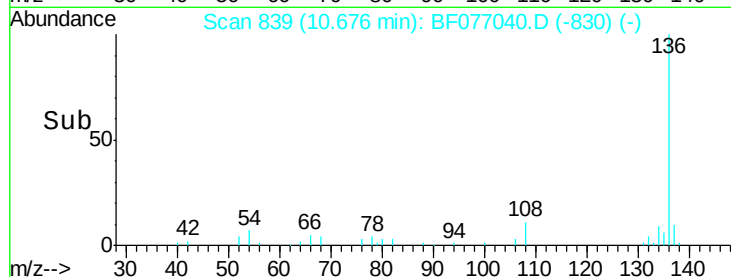
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	93331
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.1	12.1
54 7.7	7.0	10.4
68 4.5	3.7	5.5

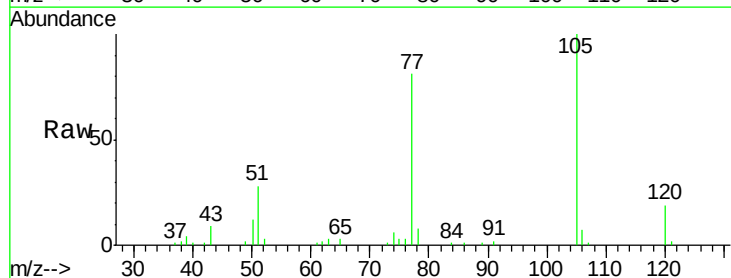


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

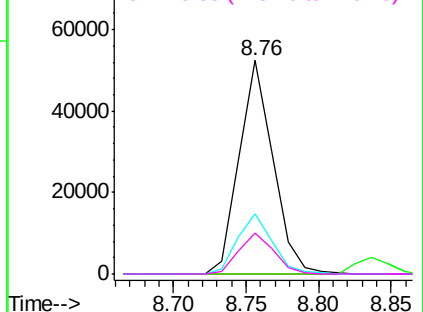
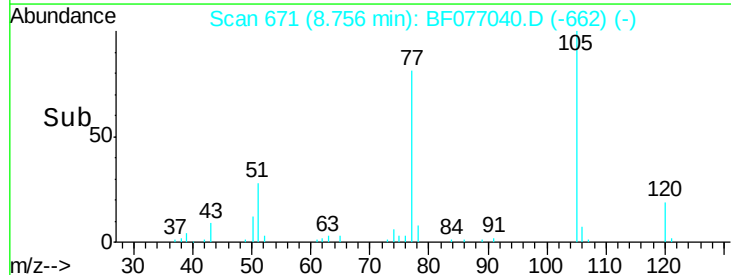


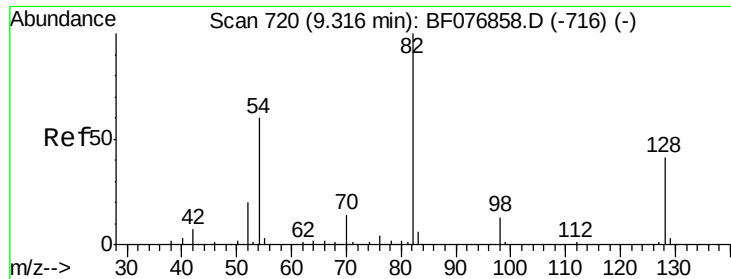
#22
Acetophenone
Concen: 37.23 ng
RT: 8.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt	Ion:105	Resp:	85114
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.4	23.3	34.9
120	19.4	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

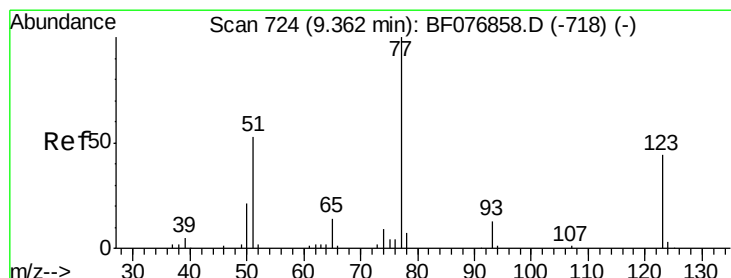
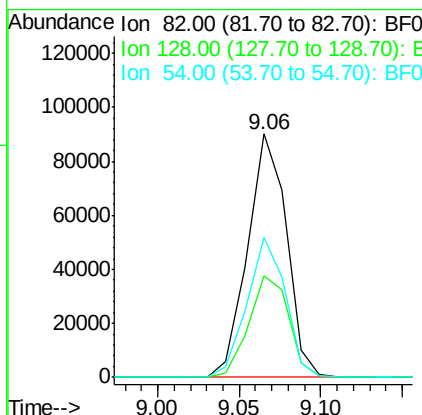
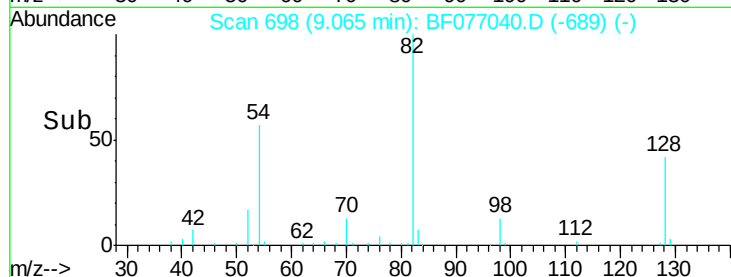
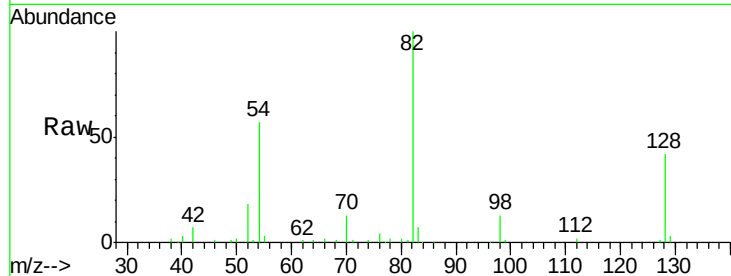




#23
Nitrobenzene-d5
Concen: 88.34 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

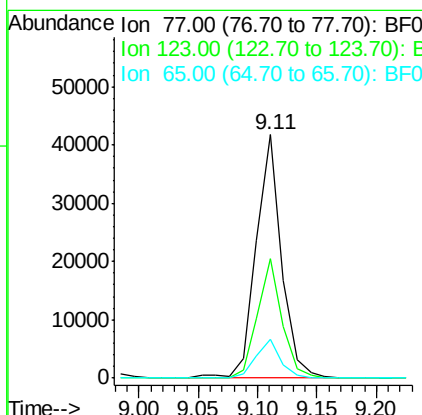
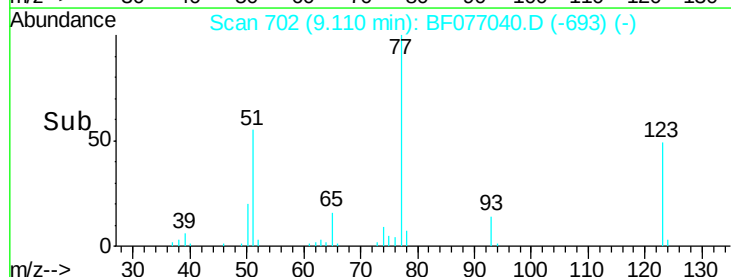
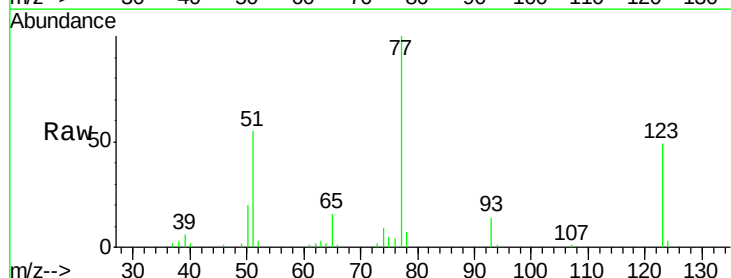
Instrument :
BNA_F
ClientSampleId :

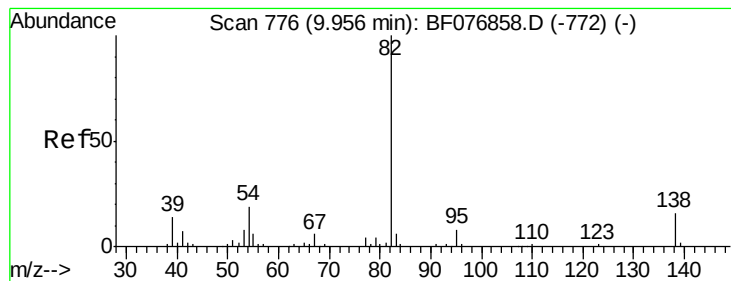
Tot Ion: 82 Resp: 148823
Ion Ratio Lower Upper
82 100
128 41.6 33.1 49.7
54 57.2 48.3 72.5



#24
Nitrobenzene
Concen: 36.41 ng
RT: 9.11 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 77 Resp: 62483
Ion Ratio Lower Upper
77 100
123 48.9 35.2 52.8
65 15.9 11.4 17.2





#25

Isophorone

Concen: 36.65 ng

RT: 9.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

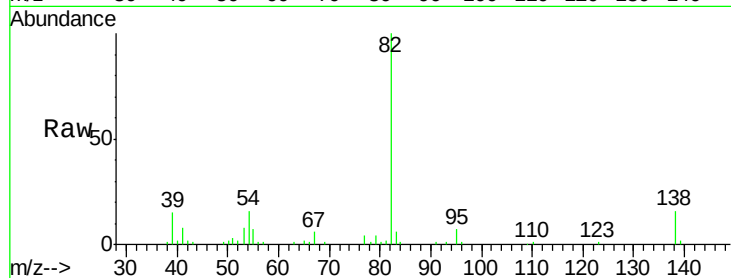
Tot Ion: 82 Resp: 112432

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

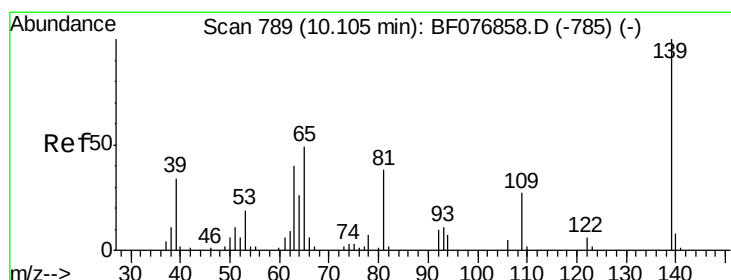
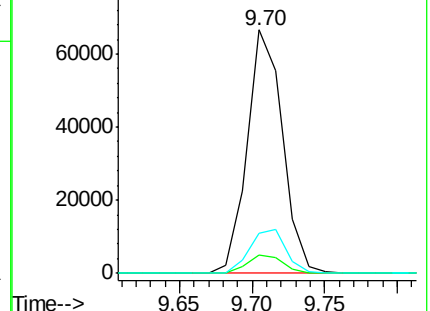
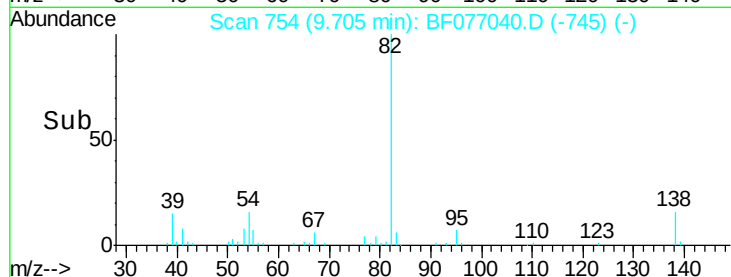
138 16.4 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF077040.D (-754) (-)

Ion 95.00 (94.70 to 95.70): BF077040.D (-754) (-)

Ion 138.00 (137.70 to 138.70): BF077040.D (-754) (-)



#26

2-Nitrophenol

Concen: 35.39 ng

RT: 9.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

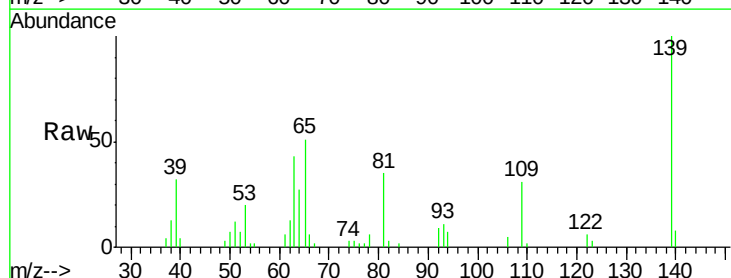
Tgt Ion: 139 Resp: 30675

Ion Ratio Lower Upper

139 100

109 31.0 21.3 31.9

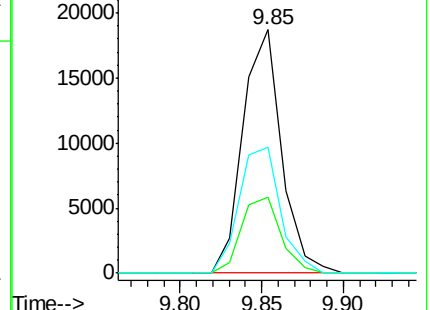
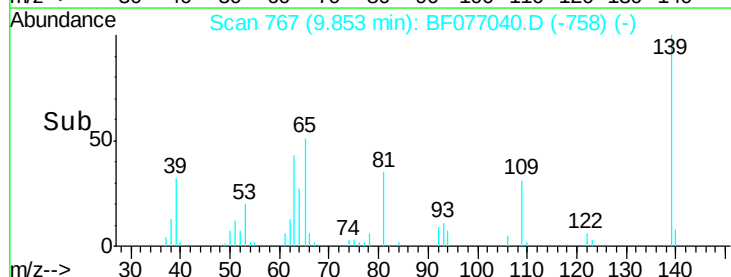
65 51.4 39.4 59.0

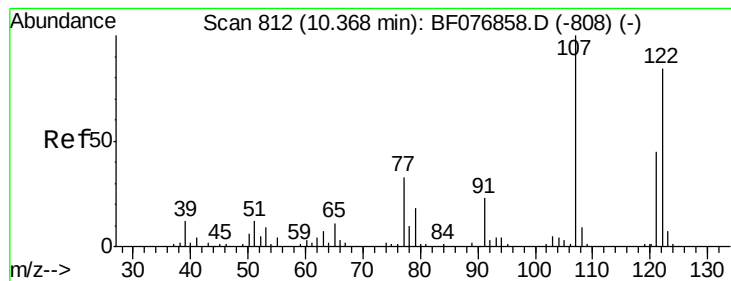


Abundance Ion 139.00 (138.70 to 139.70): BF077040.D (-767) (-)

Ion 109.00 (108.70 to 109.70): BF077040.D (-767) (-)

Ion 65.00 (64.70 to 65.70): BF077040.D (-767) (-)





#27

2,4-Dimethylphenol

Concen: 38.89 ng

RT: 10.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

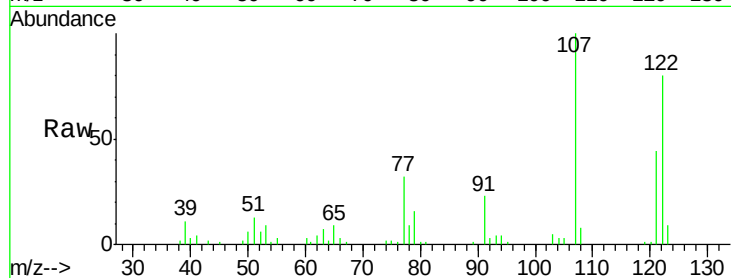
Tot Ion:122 Resp: 51609

Ion Ratio Lower Upper

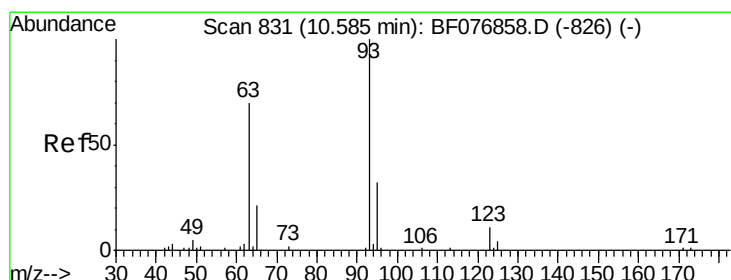
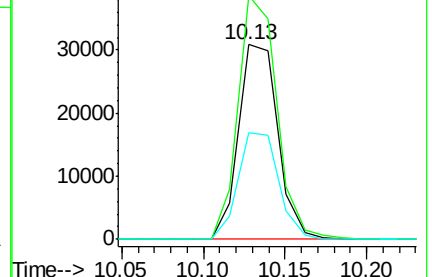
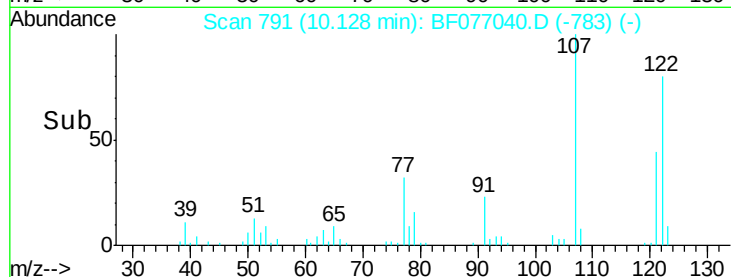
122 100

107 125.0 95.2 142.8

121 54.5 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: 38.91 ng

RT: 10.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

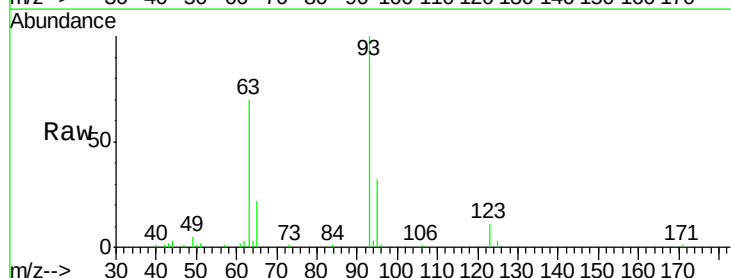
Tgt Ion: 93 Resp: 67856

Ion Ratio Lower Upper

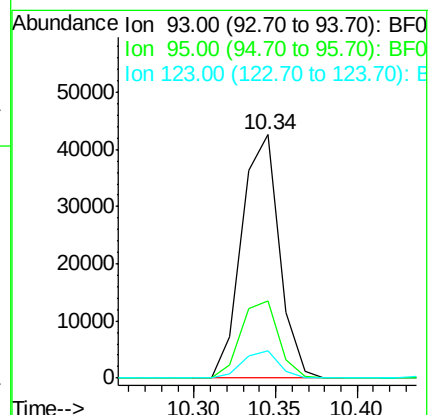
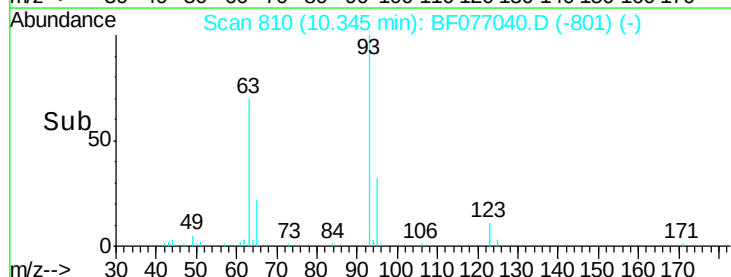
93 100

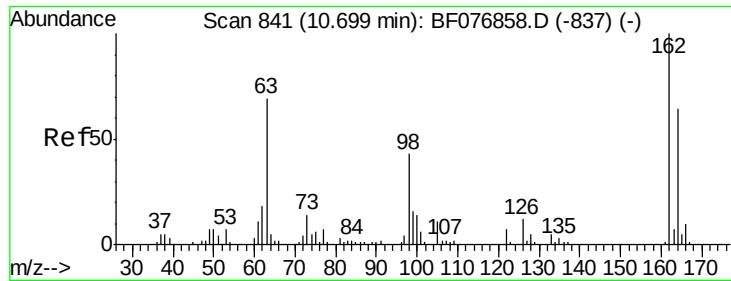
95 31.8 25.6 38.4

123 11.2 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

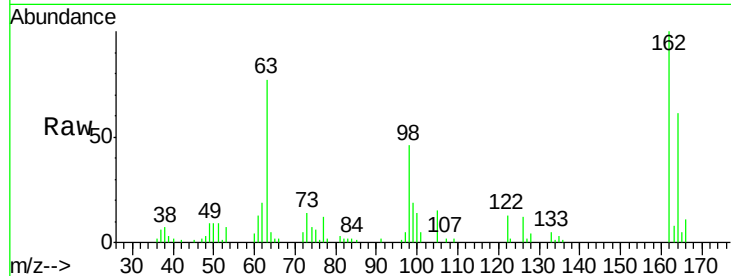




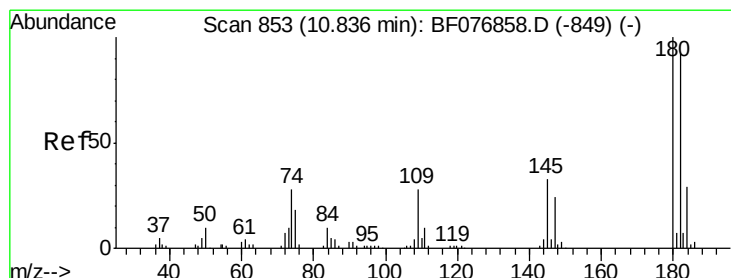
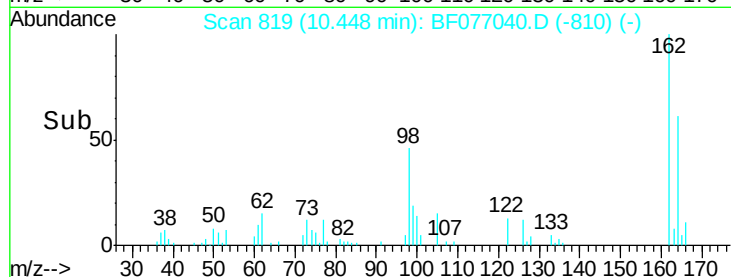
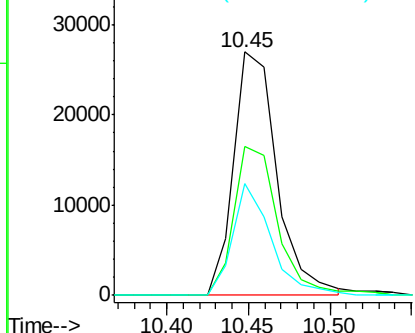
#29
 2,4-Dichlorophenol
 Concen: 40.07 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 49561
 Ion Ratio Lower Upper
 162 100
 164 61.4 43.8 83.8
 98 45.8 22.5 62.5

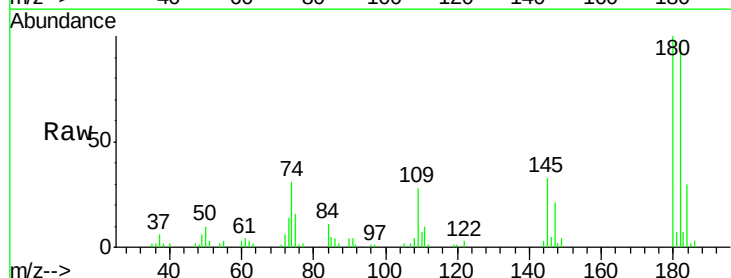


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

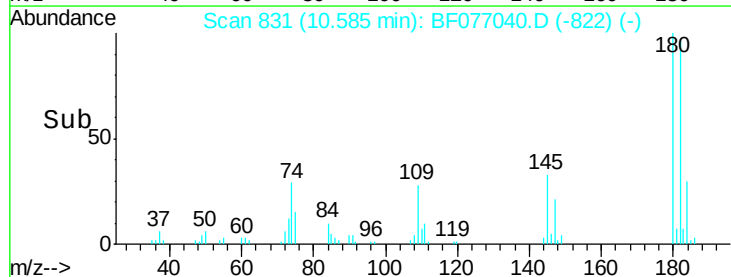
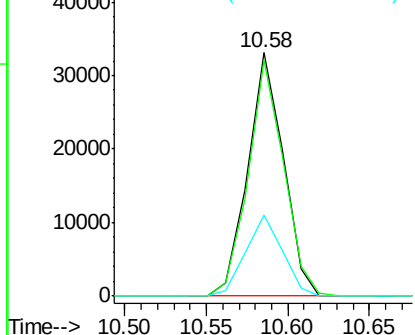


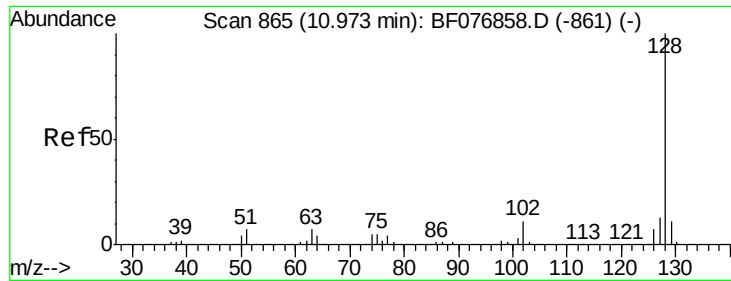
#30
 1,2,4-Trichlorobenzene
 Concen: 36.56 ng
 RT: 10.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:180 Resp: 50230
 Ion Ratio Lower Upper
 180 100
 182 97.0 73.6 110.4
 145 33.3 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

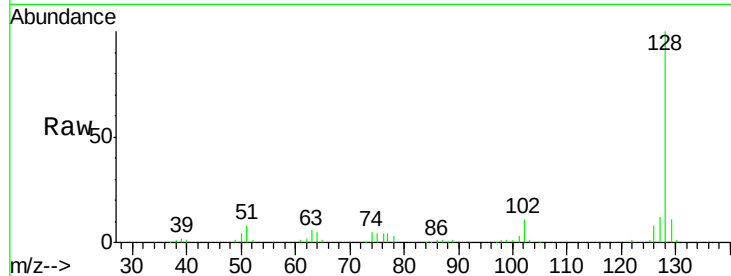




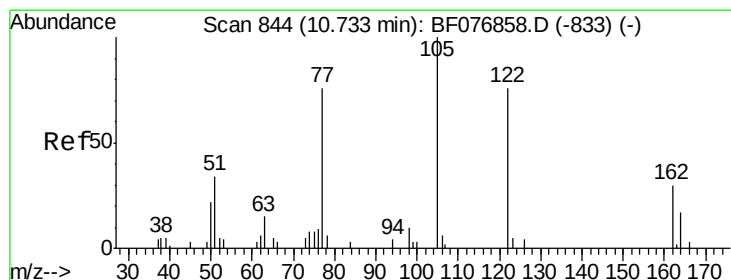
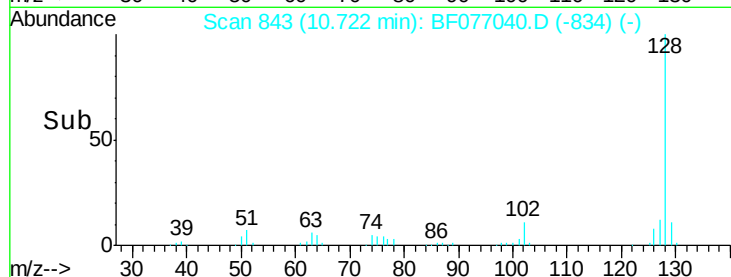
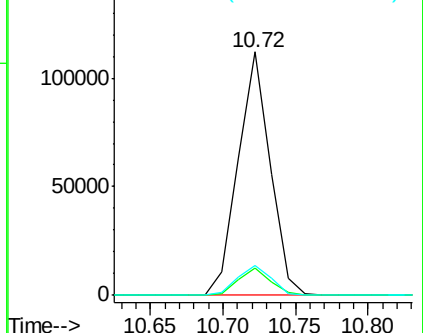
#31
Naphthalene
Concen: 35.67 ng
RT: 10.72 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 171401
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.5 10.2 15.2

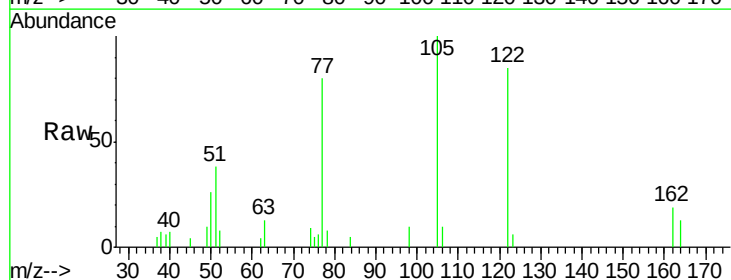


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

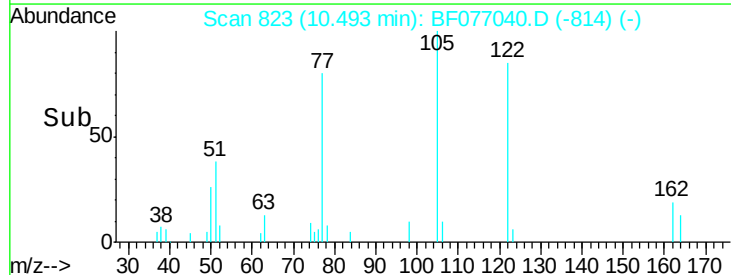
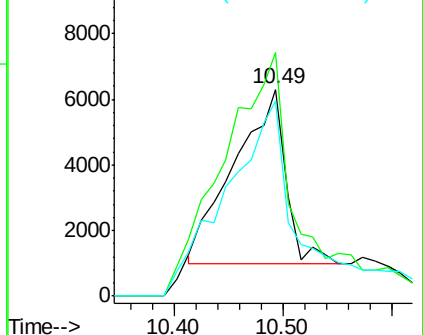


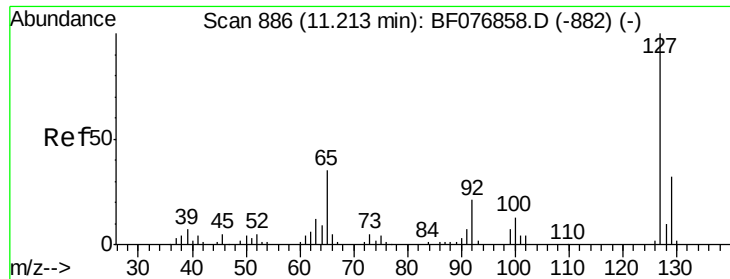
#32
Benzoic acid
Concen: 24.01 ng
RT: 10.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:122 Resp: 17656
Ion Ratio Lower Upper
122 100
105 117.6 111.3 151.3
77 94.2 79.2 119.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

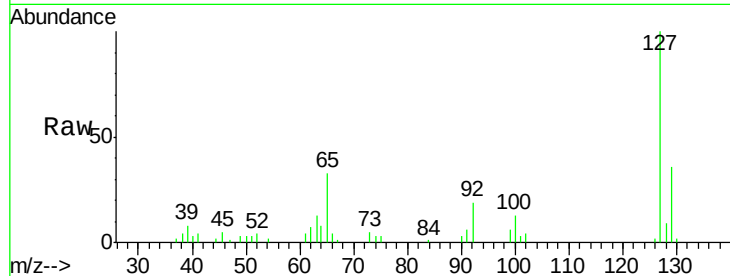




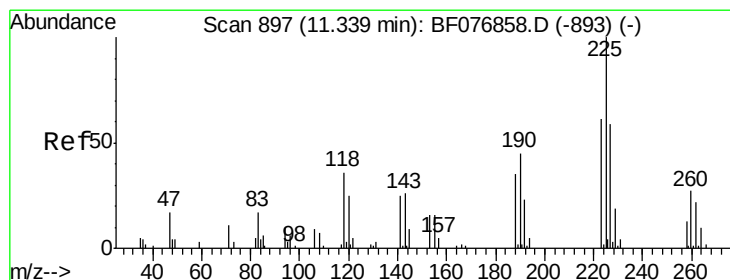
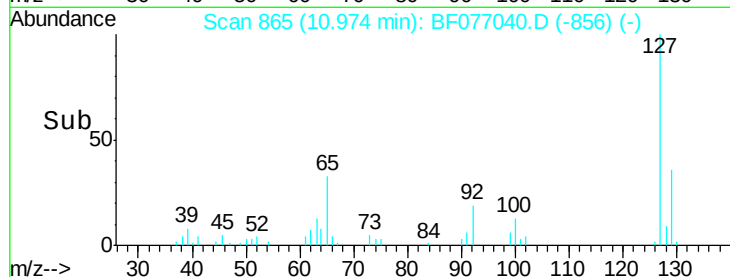
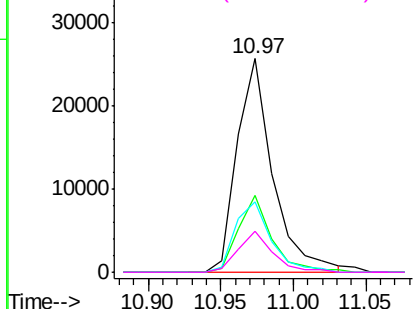
#33
4-Chloroaniline
Concen: 22.53 ng
RT: 10.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	43738
Ion Ratio	Lower	Upper
127	100	
129	36.0	25.3 37.9
65	32.9	27.8 41.6
92	19.3	16.5 24.7

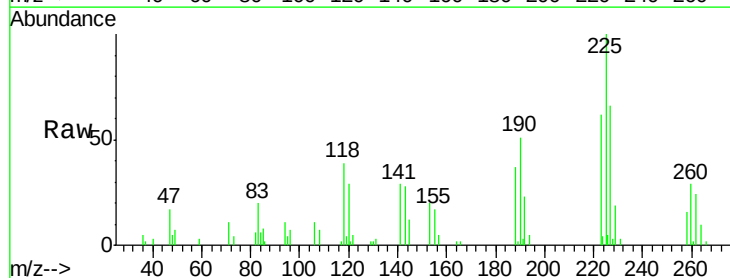


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

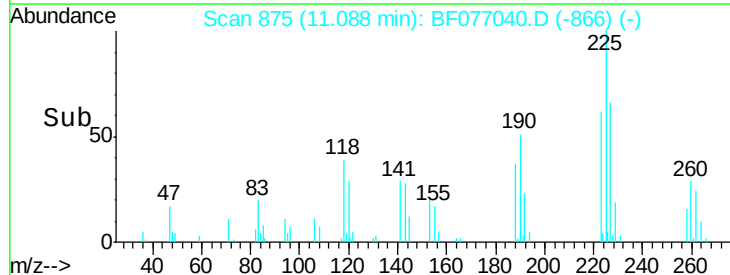
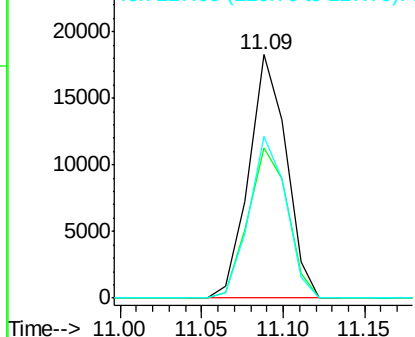


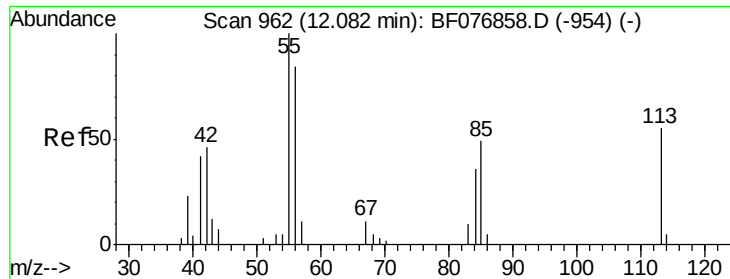
#34
Hexachlorobutadiene
Concen: 35.74 ng
RT: 11.09 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:225	Resp:	29133
Ion Ratio	Lower	Upper
225	100	
223	61.9	49.1 73.7
227	66.4	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

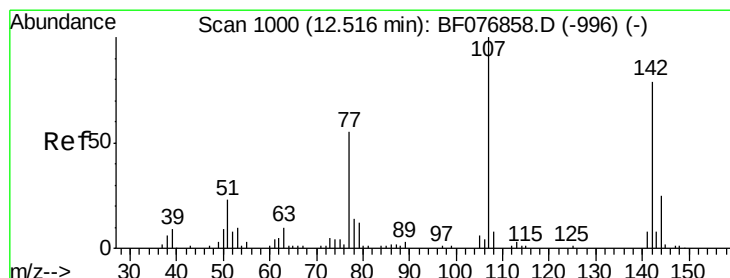
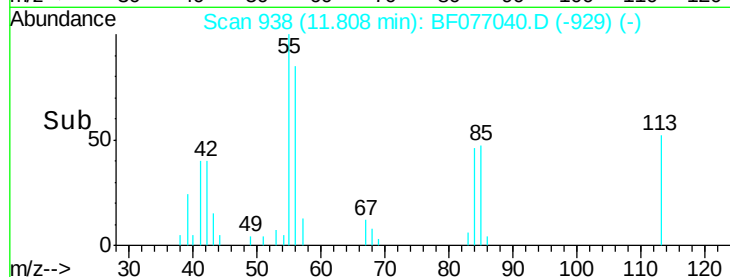
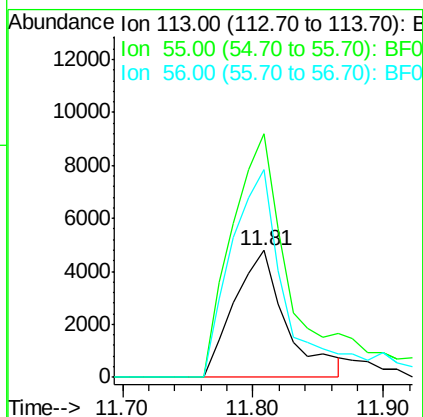
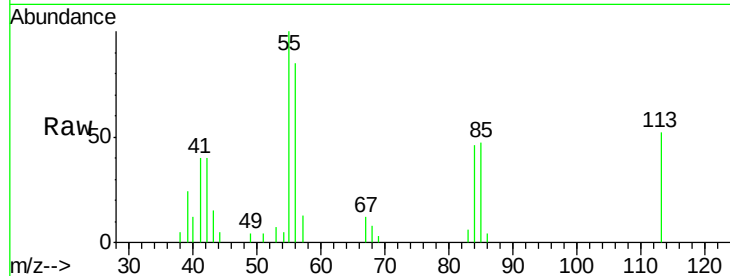




#35
 Caprolactam
 Concen: 36.72 ng
 RT: 11.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

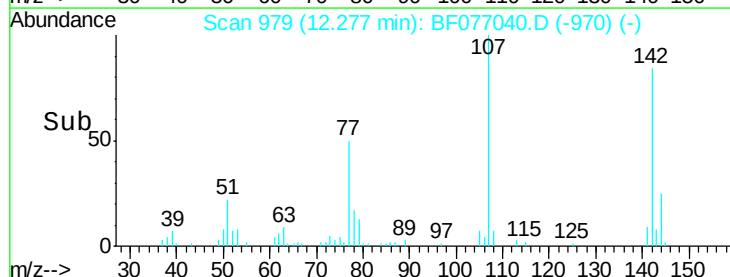
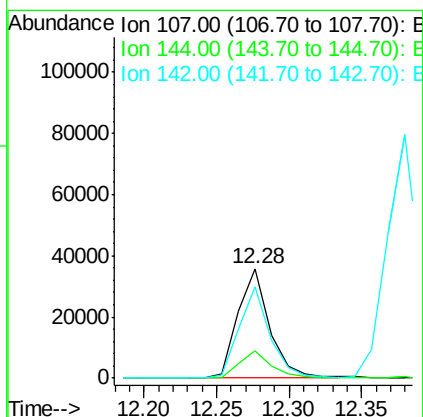
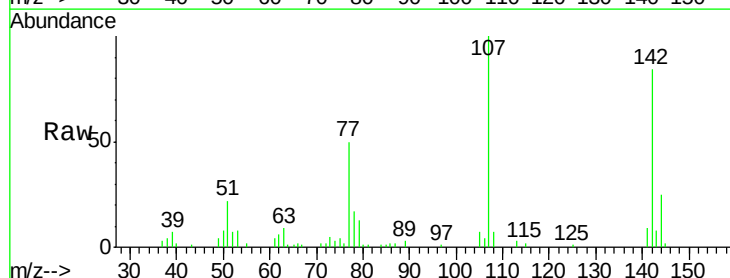
Instrument :
 BNA_F
 ClientSampleId :

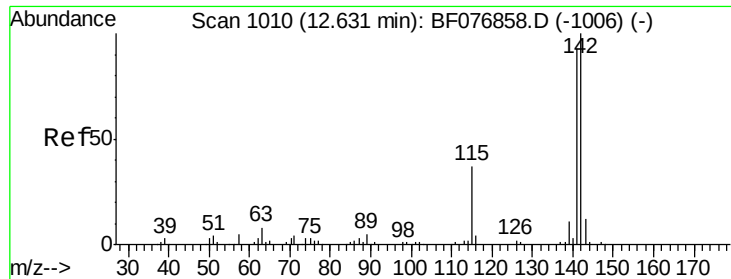
Tot Ion:113 Resp: 13372
 Ion Ratio Lower Upper
 113 100
 55 191.7 162.1 202.1
 56 163.5 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.30 ng
 RT: 12.28 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:107 Resp: 54245
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.0 30.0
 142 83.9 63.5 95.3

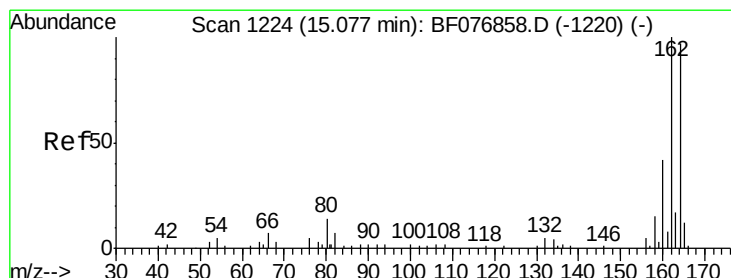
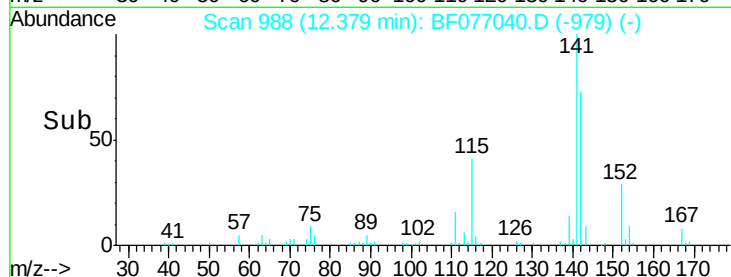
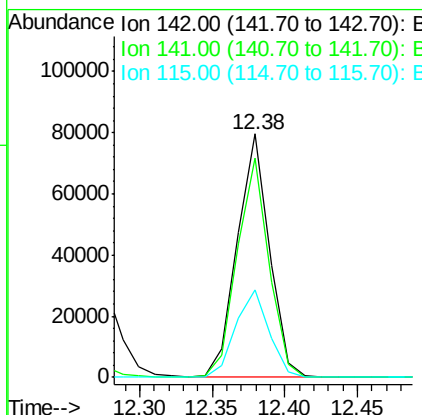
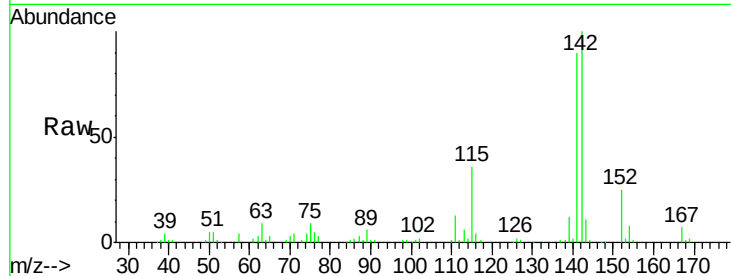




#37
2-Methylnaphthalene
Concen: 37.55 ng
RT: 12.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

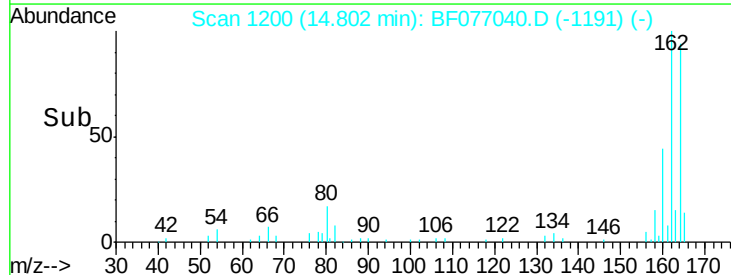
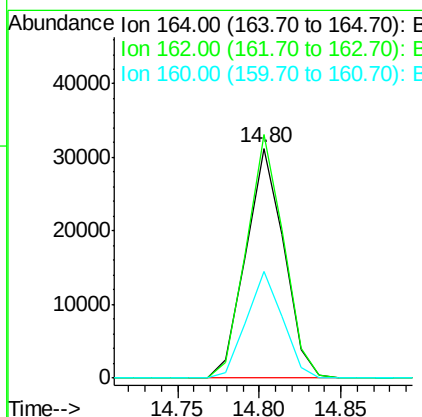
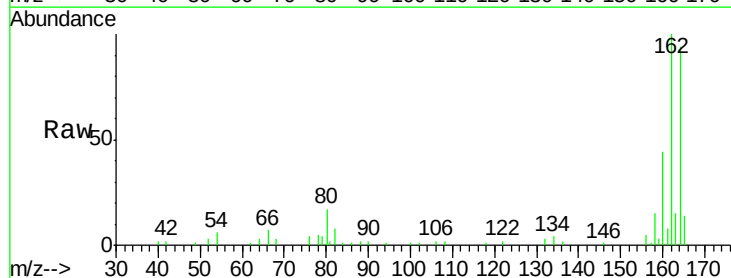
Instrument :
BNA_F
ClientSampleId :

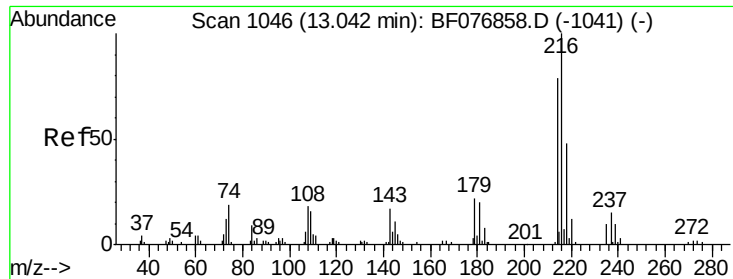
Tot Ion:142 Resp: 123208
Ion Ratio Lower Upper
142 100
141 89.8 74.5 111.7
115 36.0 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:164 Resp: 50486
Ion Ratio Lower Upper
164 100
162 105.8 82.4 123.6
160 46.6 34.8 52.2

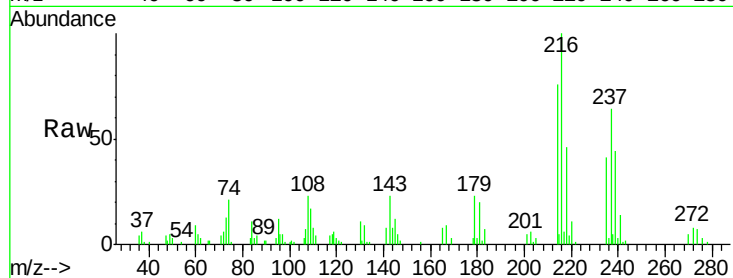




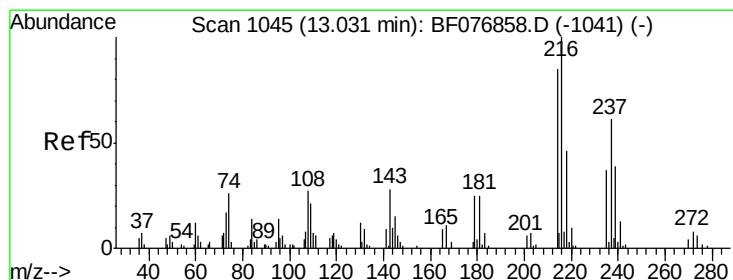
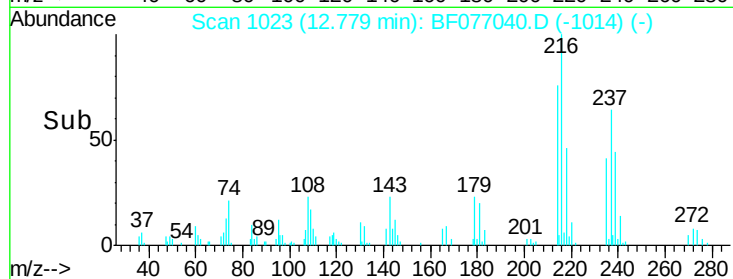
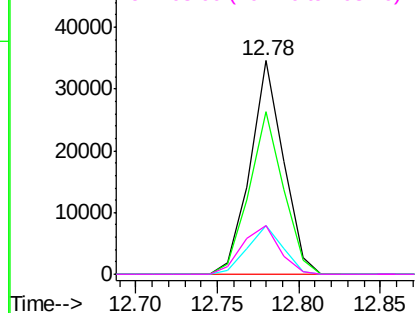
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.38 ng
 RT: 12.78 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	49158
Ion Ratio	Lower	Upper
216	100	
214	78.2	64.9 97.3
179	24.1	18.6 28.0
108	25.4	18.1 27.1

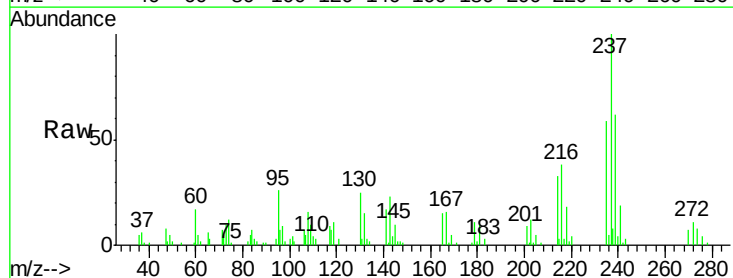


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

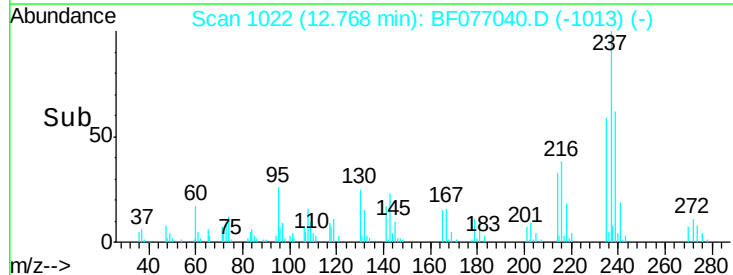
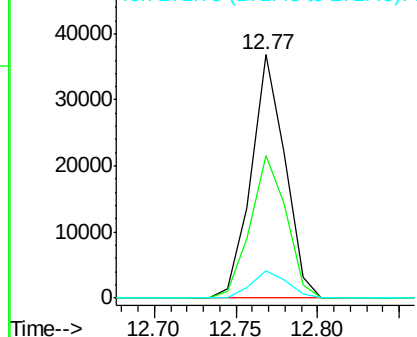


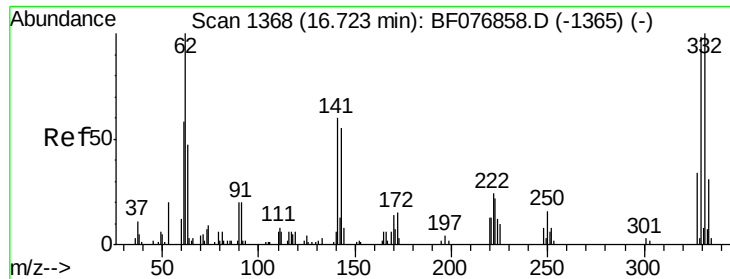
#40
 Hexachlorocyclopentadiene
 Concen: 78.97 ng
 RT: 12.77 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:237	Resp:	53024
Ion Ratio	Lower	Upper
237	100	
235	58.8	40.4 80.4
272	11.0	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

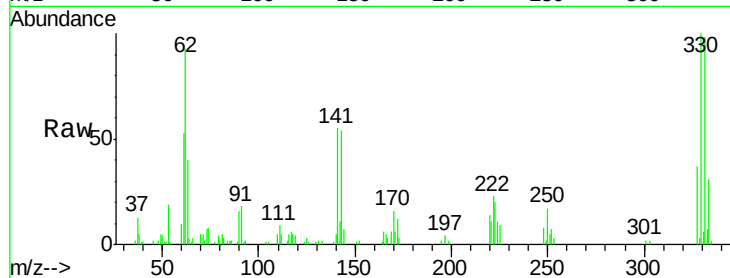




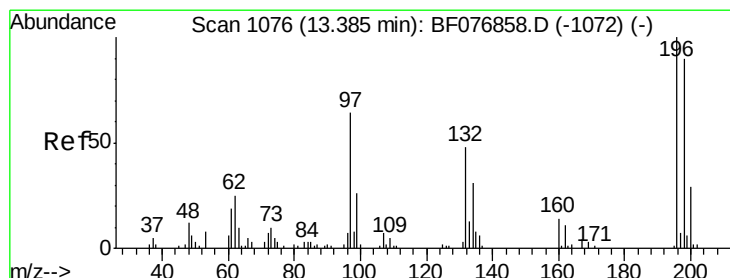
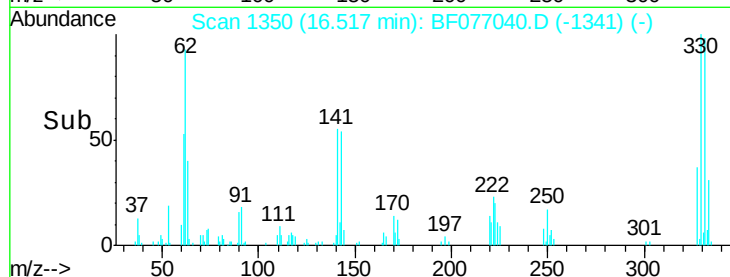
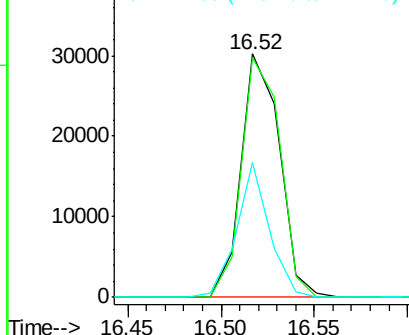
#41
 2,4,6-Tribromophenol
 Concen: 105.53 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 43247
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.8 116.6
 141 47.4 38.5 57.7

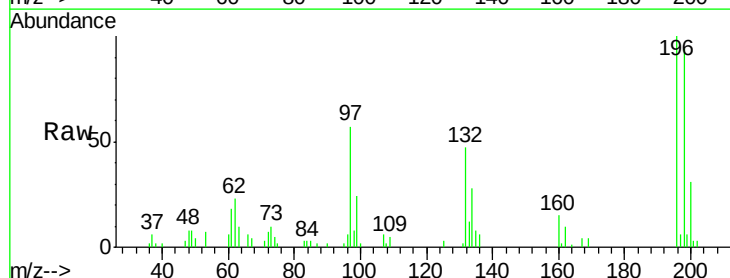


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

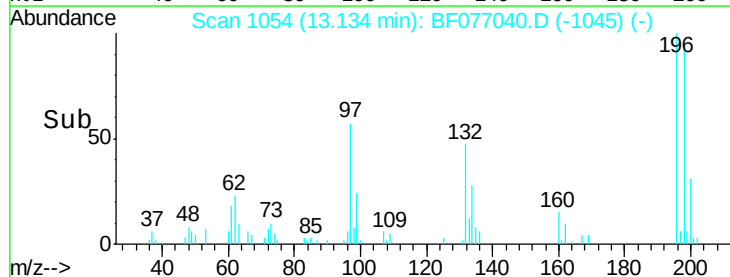
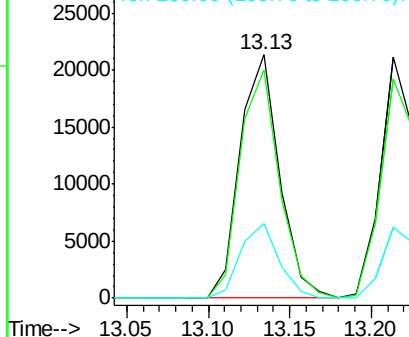


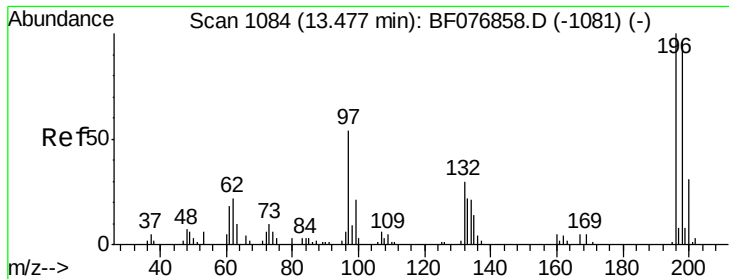
#42
 2,4,6-Trichlorophenol
 Concen: 39.30 ng
 RT: 13.13 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:196 Resp: 35740
 Ion Ratio Lower Upper
 196 100
 198 93.6 72.0 108.0
 200 30.6 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

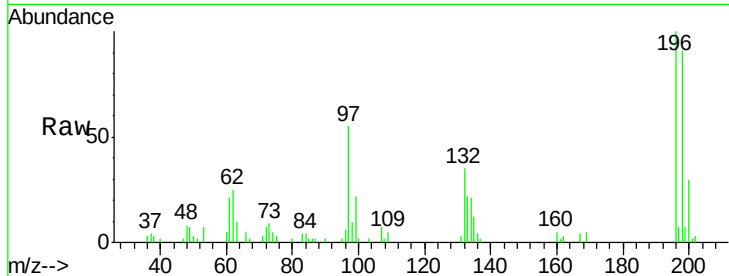




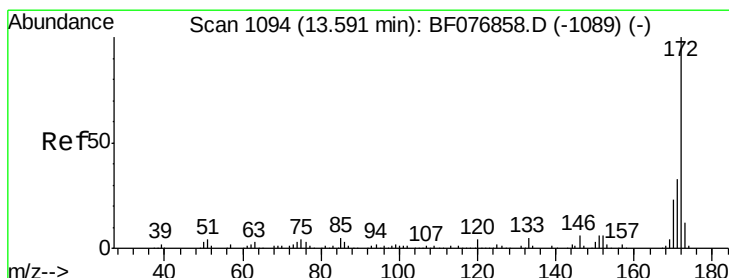
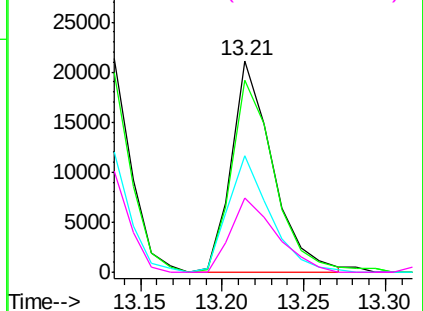
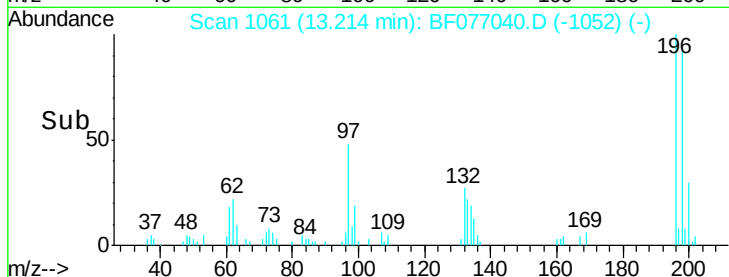
#43
 2,4,5-Trichlorophenol
 Concen: 39.77 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 36891
 Ion Ratio Lower Upper
 196 100
 198 90.7 76.6 115.0
 97 55.4 43.4 65.0
 132 35.0 23.7 35.5

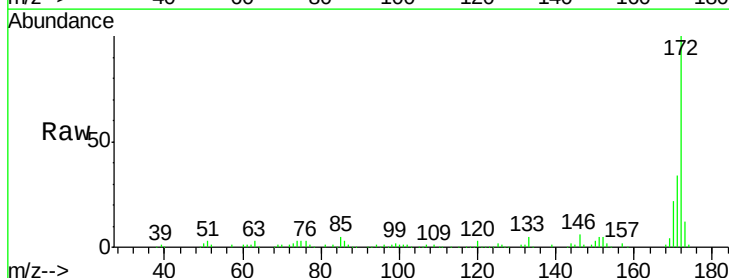


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

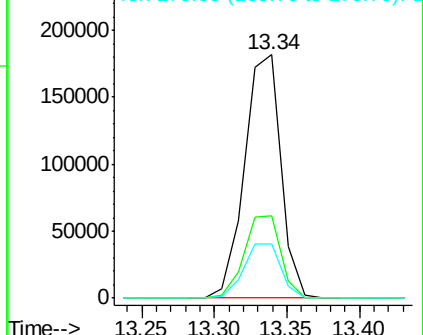
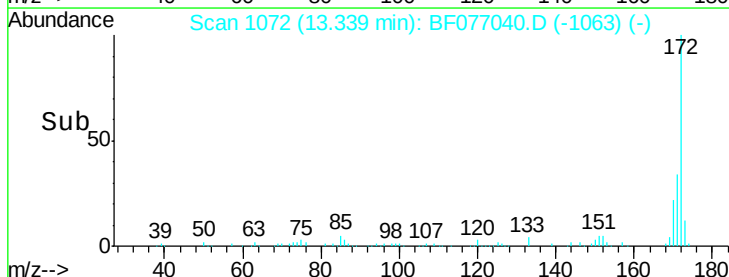


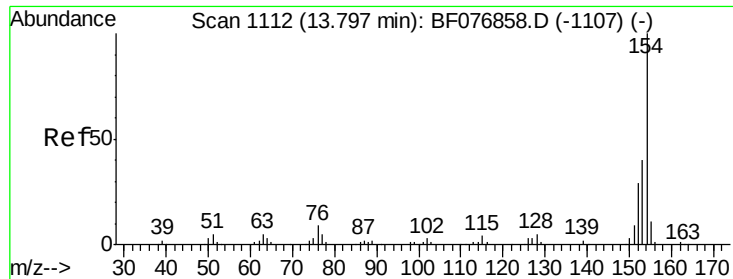
#44
 2-Fluorobiphenyl
 Concen: 94.83 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:172 Resp: 314612
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 40.0
 170 22.3 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

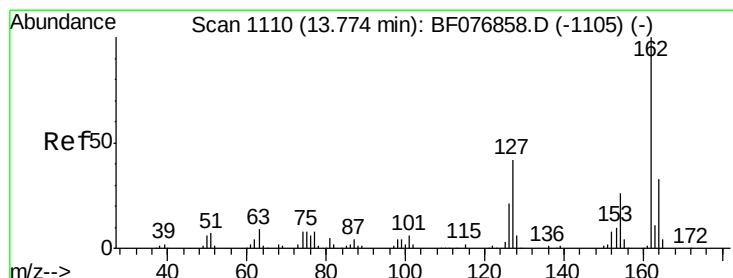
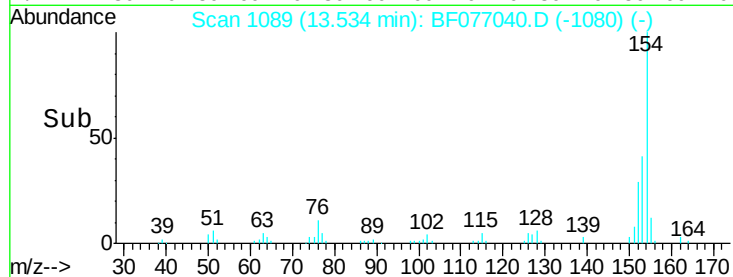
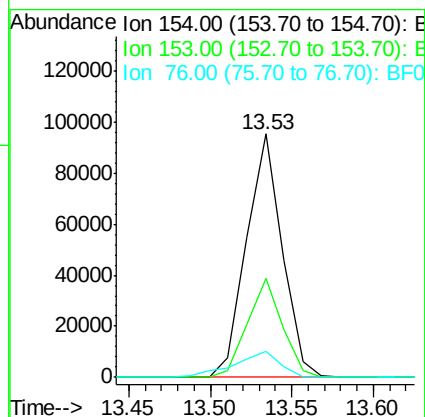
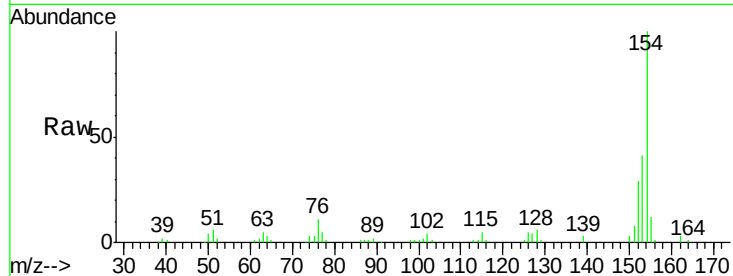




#45
 1,1'-Biphenyl
 Concen: 38.53 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

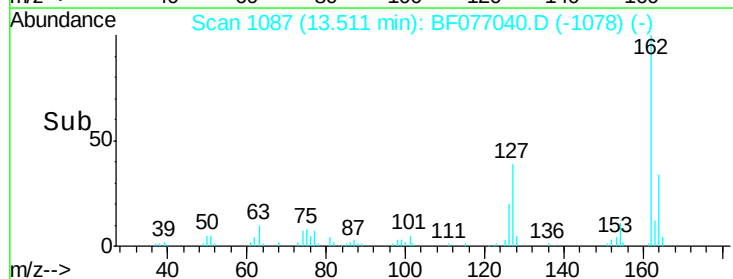
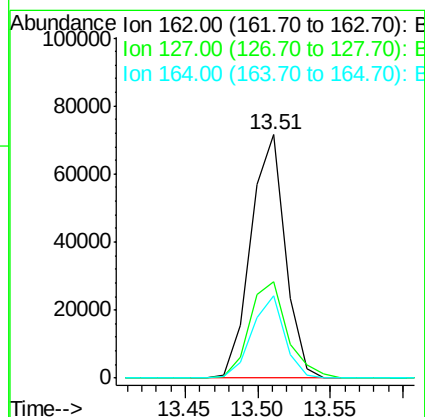
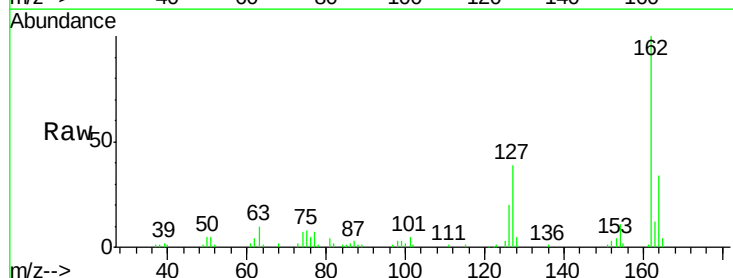
Instrument :
 BNA_F
 ClientSampleId :

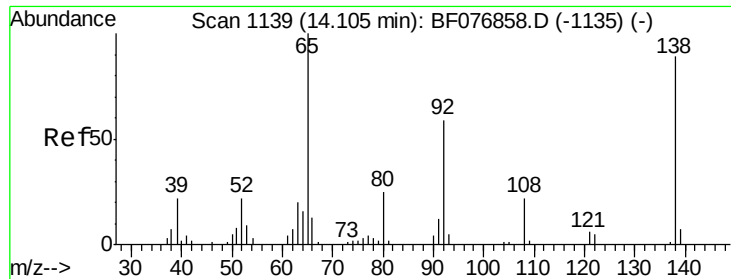
Tot Ion:154 Resp: 144210
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.2 60.2
 76 10.8 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 38.09 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:162 Resp: 117313
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.8 50.6
 164 33.6 26.8 40.2

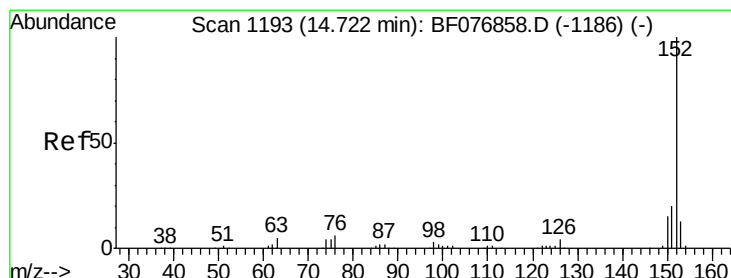
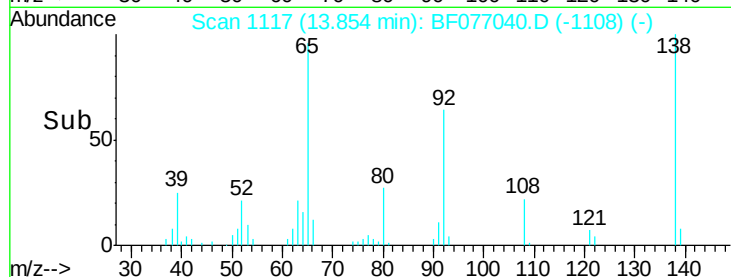
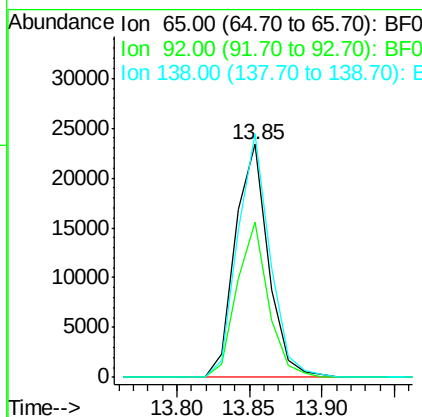
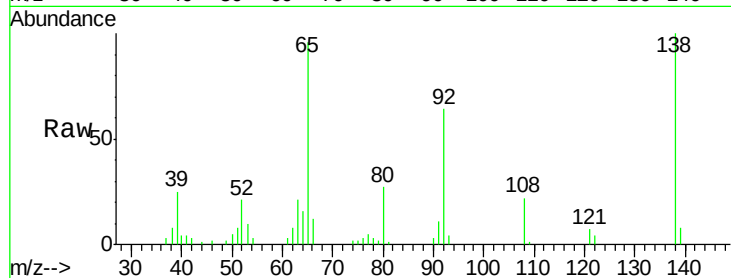




#47
2-Nitroaniline
Concen: 39.63 ng
RT: 13.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

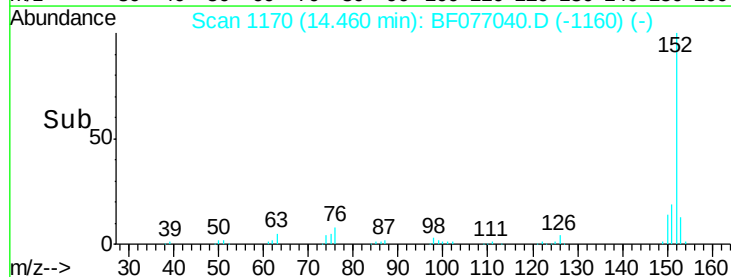
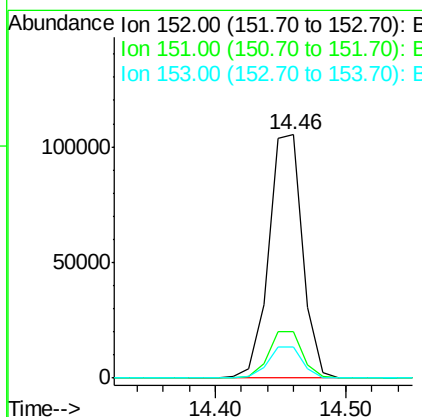
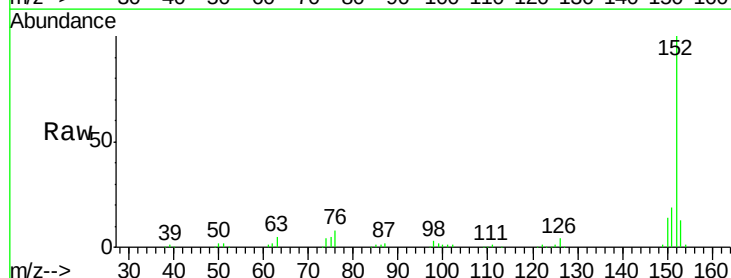
Instrument :
BNA_F
ClientSampled :

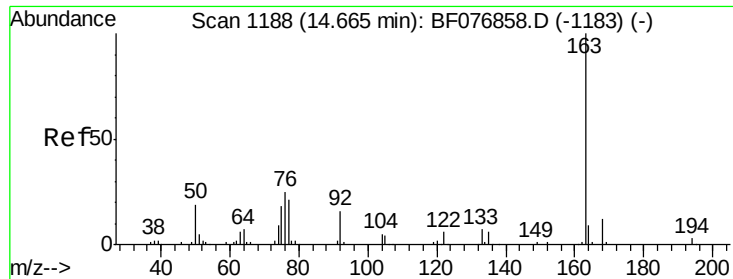
Tot Ion: 65 Resp: 37024
Ion Ratio Lower Upper
65 100
92 66.8 47.3 70.9
138 104.6 71.4 107.2



#48
Acenaphthylene
Concen: 36.79 ng
RT: 14.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 152 Resp: 191145
Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 12.5 10.2 15.4





#49

Dimethylphthalate

Concen: 41.01 ng

RT: 14.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

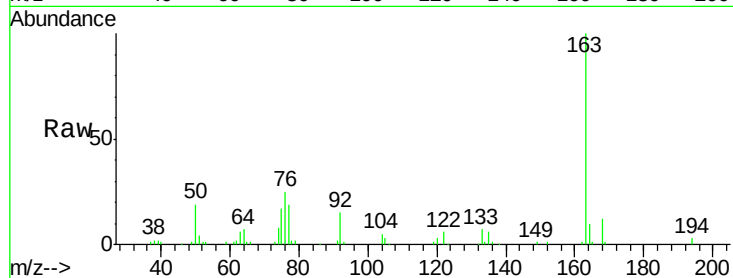
Tot Ion:163 Resp: 146823

Ion Ratio Lower Upper

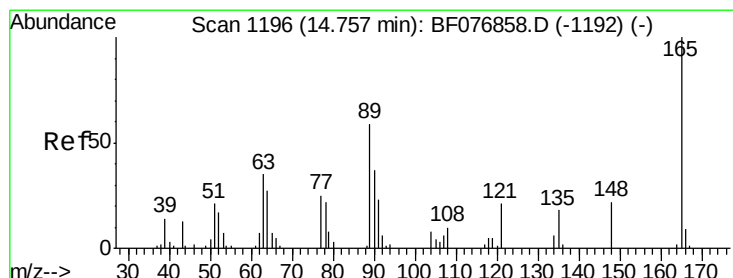
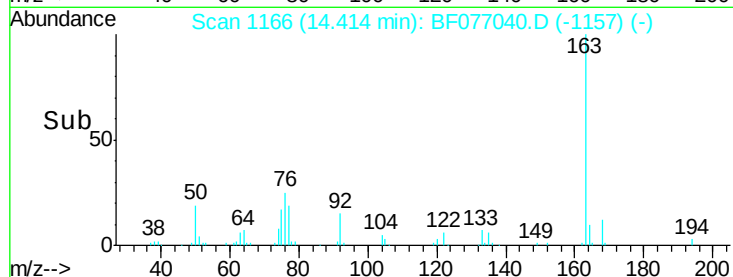
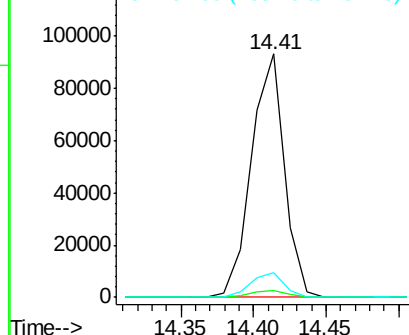
163 100

194 2.7 2.6 4.0

164 10.2 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.39 ng

RT: 14.51 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

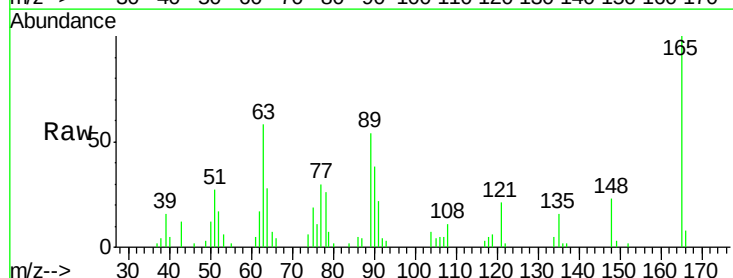
Tgt Ion:165 Resp: 30323

Ion Ratio Lower Upper

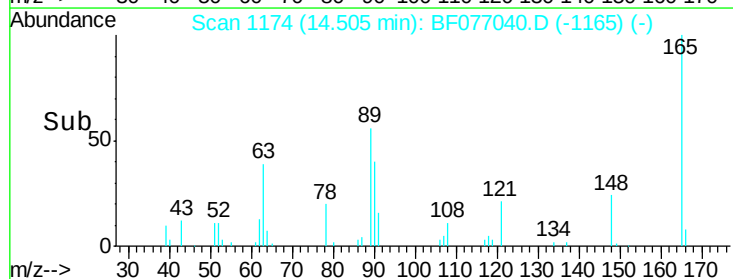
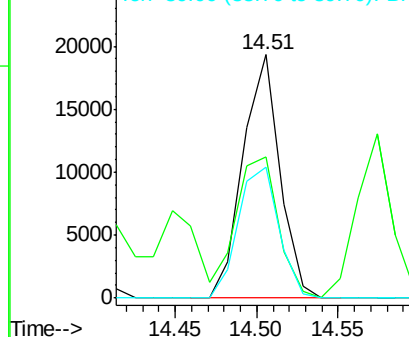
165 100

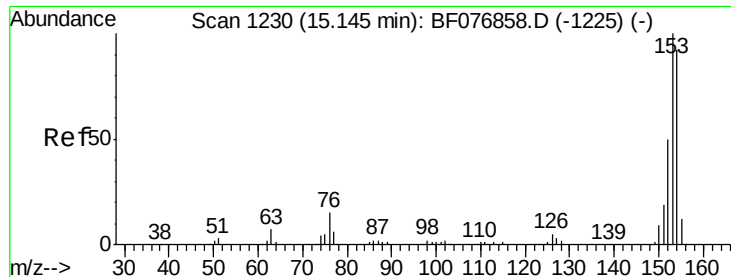
63 58.2 48.1 72.1

89 53.7 47.2 70.8



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





#51

Acenaphthene

Concen: 36.88 ng

RT: 14.88 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

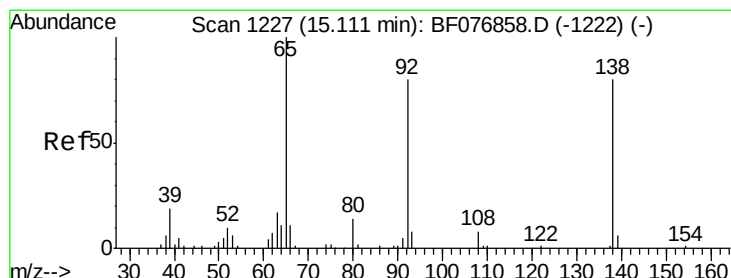
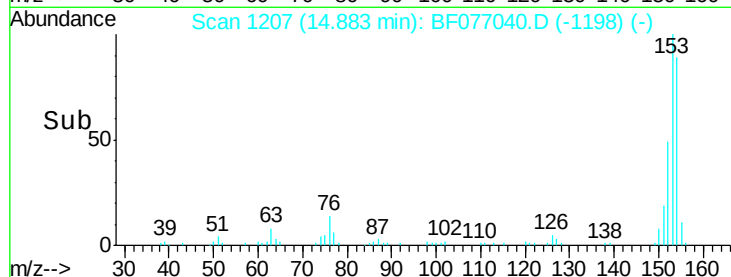
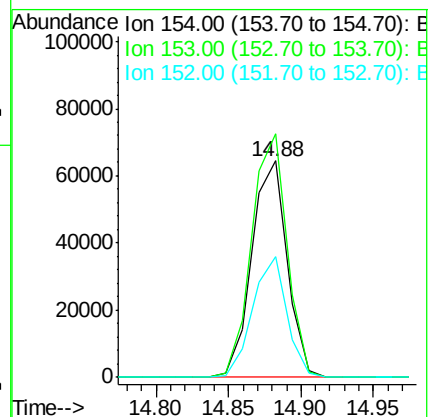
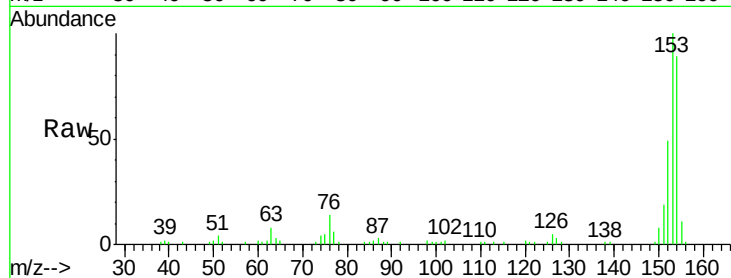
Tot Ion:154 Resp: 108705

Ion Ratio Lower Upper

154 100

153 112.4 87.0 130.6

152 55.5 43.5 65.3



#52

3-Nitroaniline

Concen: 27.44 ng

RT: 14.85 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

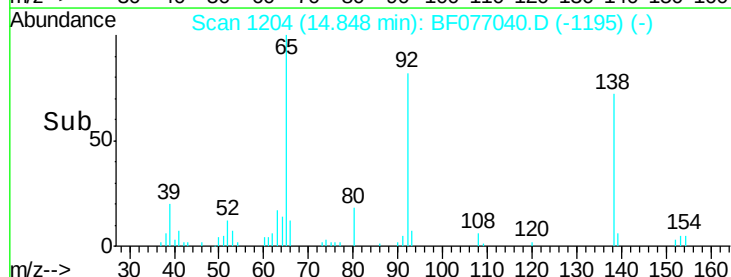
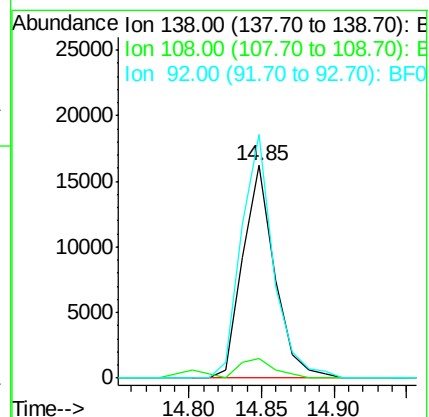
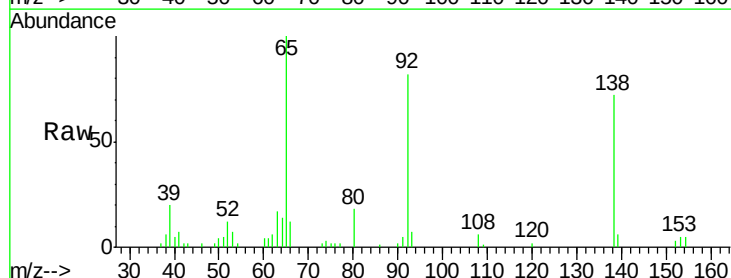
Tgt Ion:138 Resp: 24875

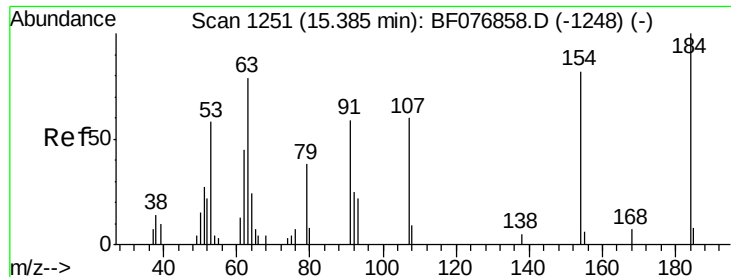
Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

92 114.5 80.9 121.3

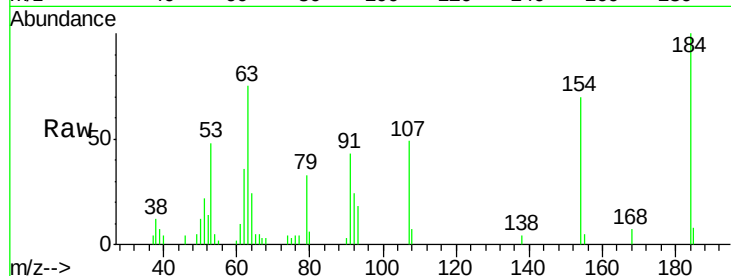




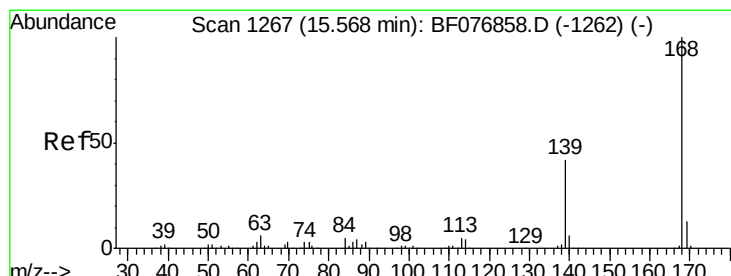
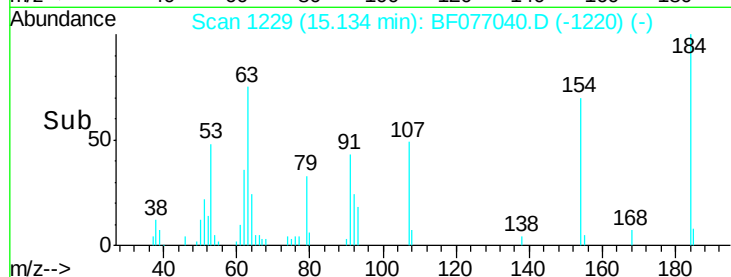
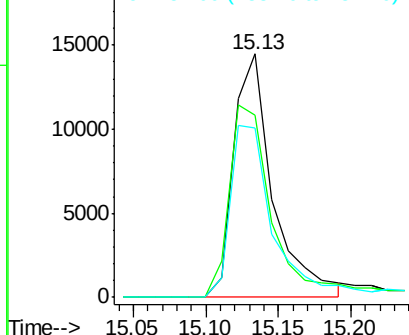
#53
2,4-Dinitrophenol
Concen: 80.95 ng
RT: 15.13 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 27229
Ion Ratio Lower Upper
184 100
63 74.8 63.0 94.6
154 69.6 65.5 98.3

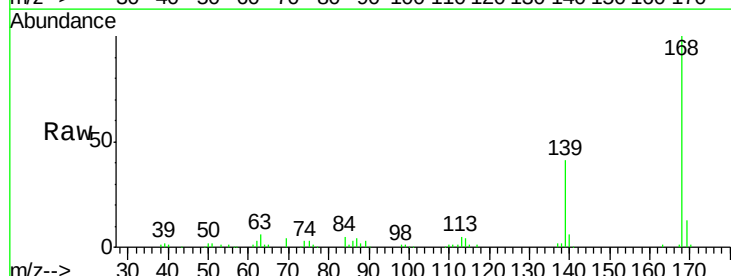


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

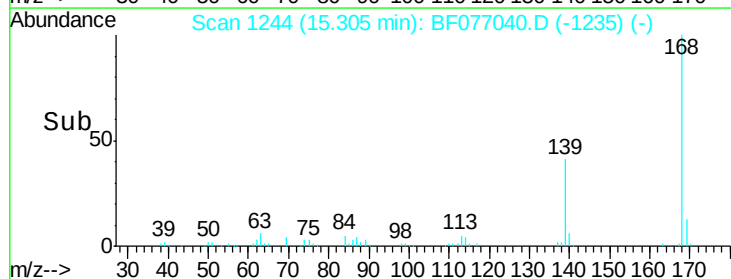
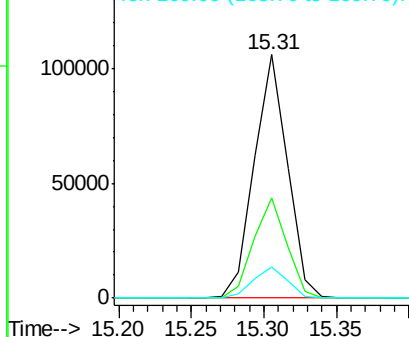


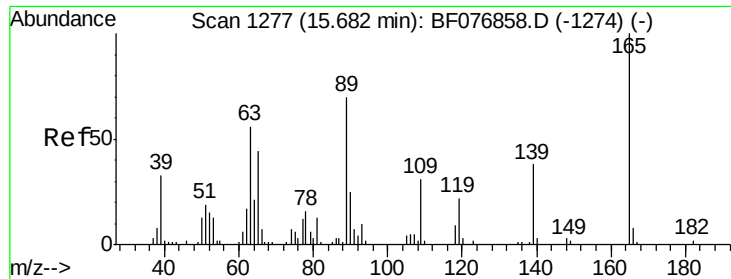
#54
Dibenzofuran
Concen: 39.27 ng
RT: 15.31 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:168 Resp: 168618
Ion Ratio Lower Upper
168 100
139 41.3 33.4 50.2
169 12.8 10.6 15.8



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

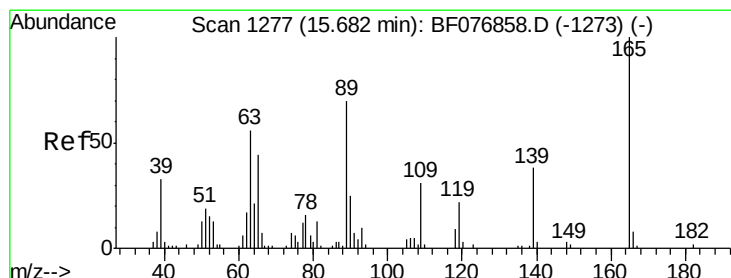
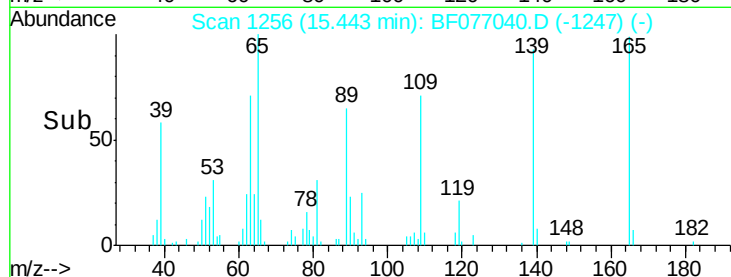
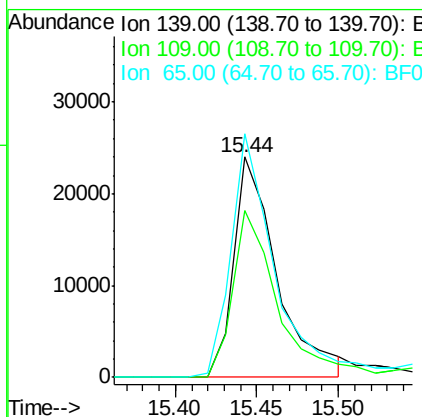
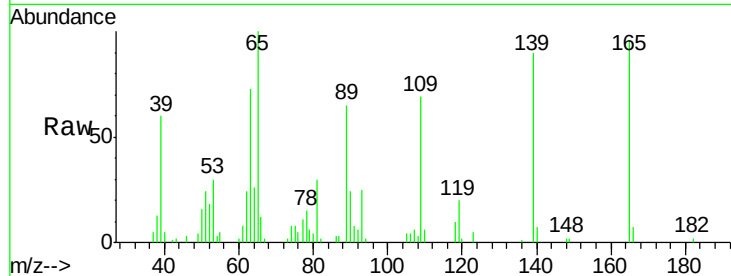




#55
4-Nitrophenol
Concen: 78.49 ng
RT: 15.44 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

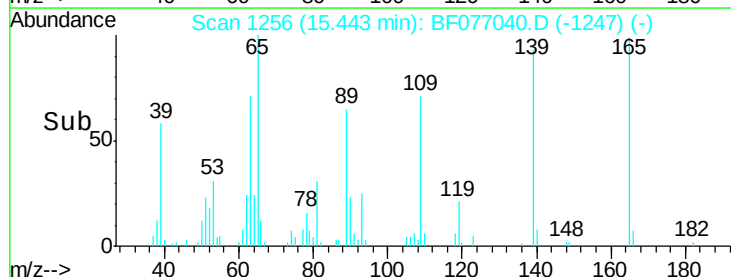
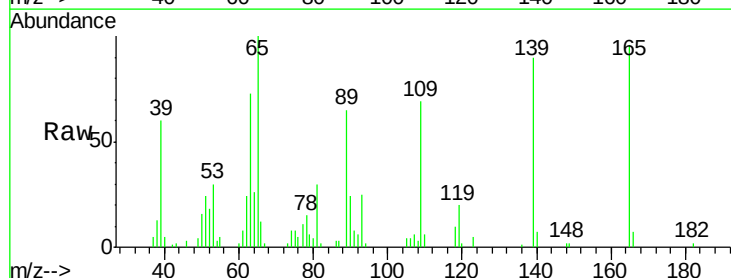
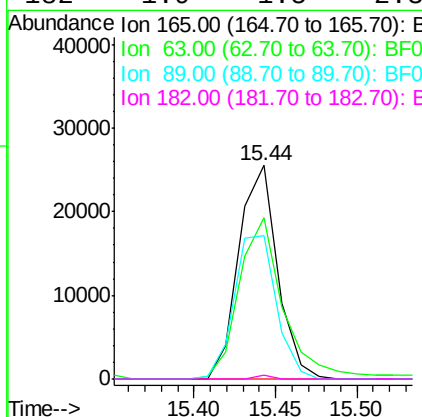
Instrument :
BNA_F
ClientSampled :

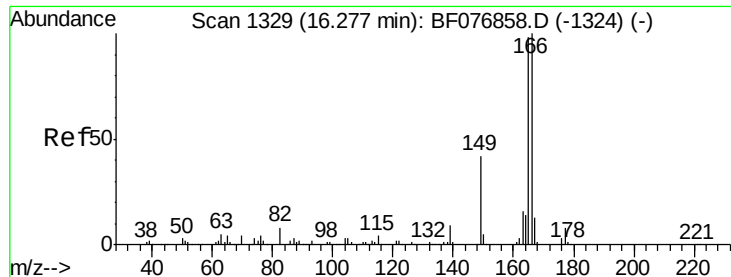
Tot Ion:139 Resp: 44048
Ion Ratio Lower Upper
139 100
109 76.0 61.0 101.0
65 110.6 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 39.45 ng
RT: 15.44 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:165 Resp: 41889
Ion Ratio Lower Upper
165 100
63 75.7 44.8 67.2#
89 67.1 56.2 84.2
182 1.9 1.5 2.3

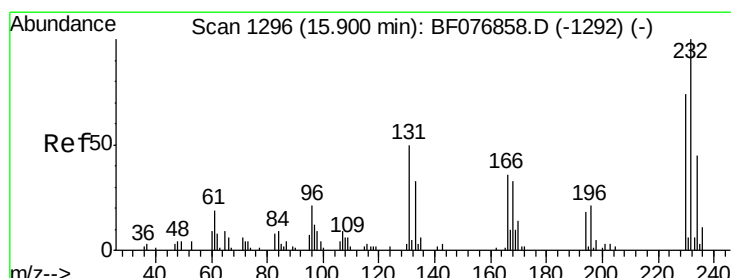
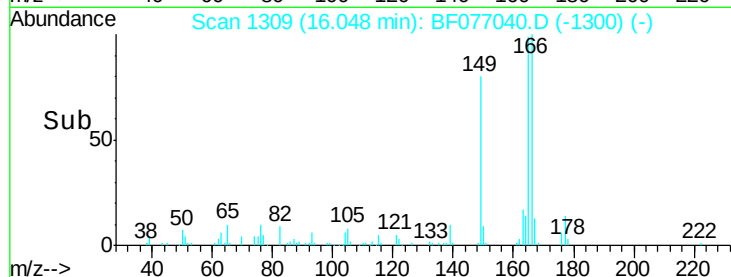
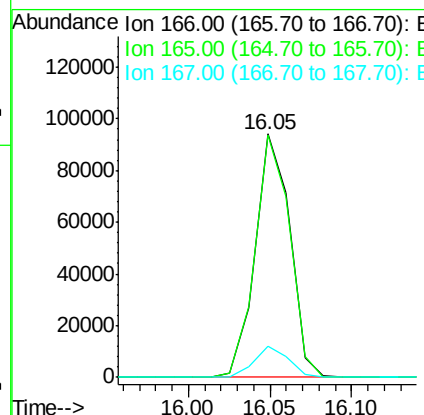
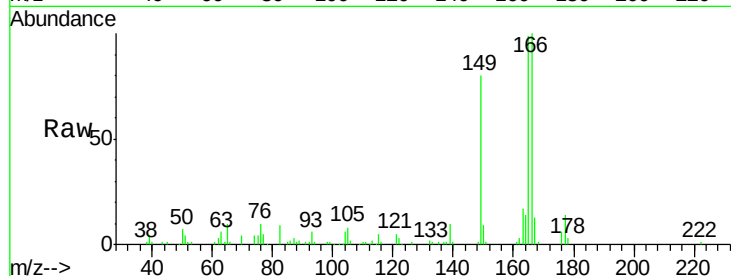




#57
 Fluorene
 Concen: 38.14 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

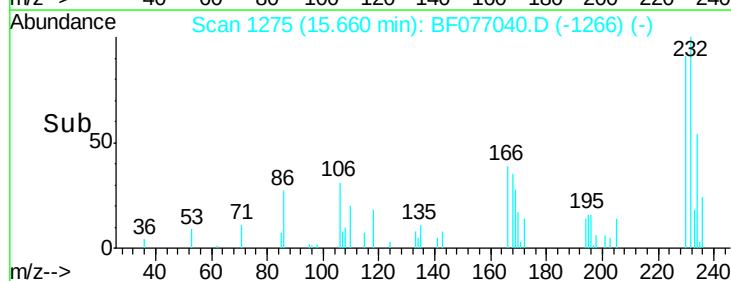
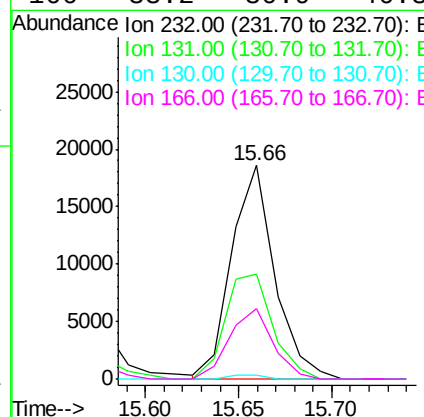
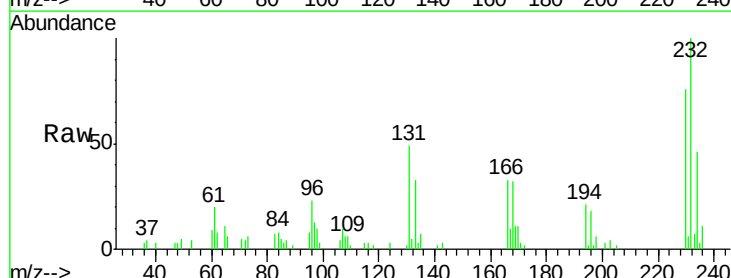
Instrument :
 BNA_F
 ClientSampleId :

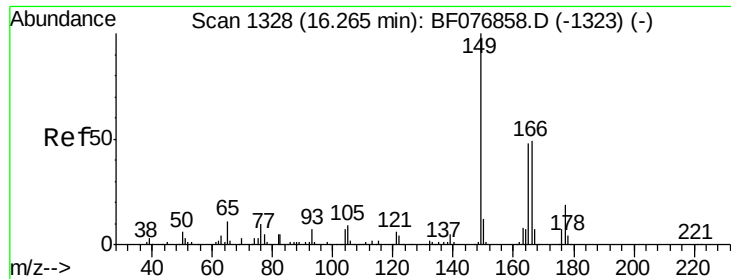
Tot Ion:166 Resp: 138735
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.46 ng
 RT: 15.66 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:232 Resp: 30029
 Ion Ratio Lower Upper
 232 100
 131 54.0 45.0 67.6
 130 1.7 2.6 3.8#
 166 33.2 30.9 46.3

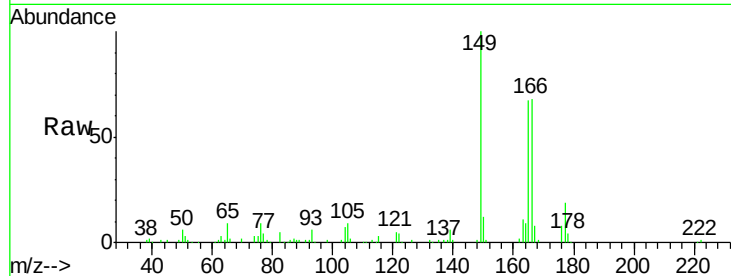




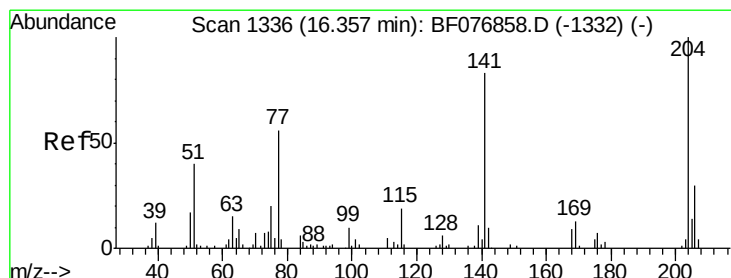
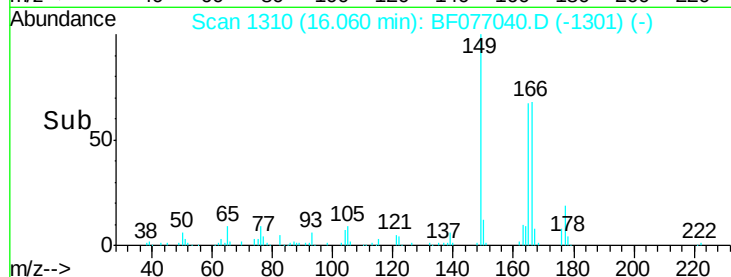
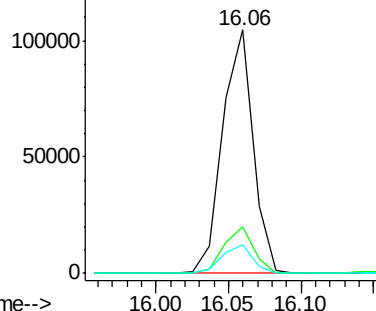
#59
Diethylphthalate
Concen: 42.16 ng
RT: 16.06 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 152555
Ion Ratio Lower Upper
149 100
177 18.9 15.0 22.6
150 11.9 9.4 14.0

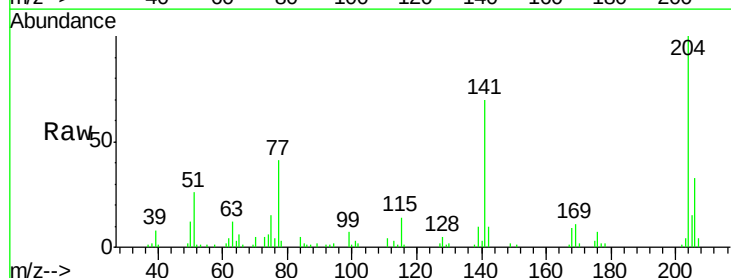


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

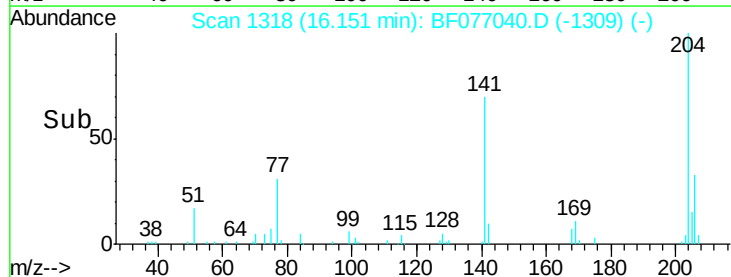
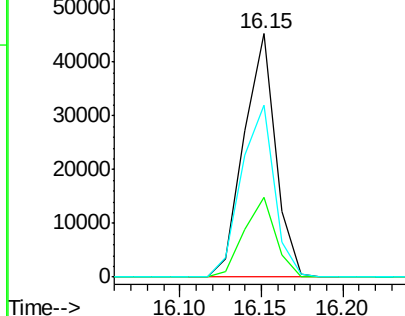


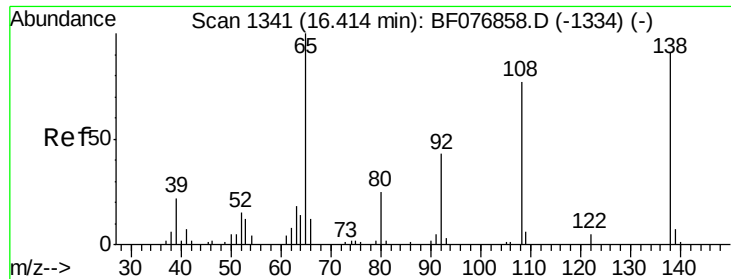
#60
4-Chlorophenyl-phenylether
Concen: 40.81 ng
RT: 16.15 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:204 Resp: 60736
Ion Ratio Lower Upper
204 100
206 32.9 24.2 36.2
141 70.5 66.7 100.1



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

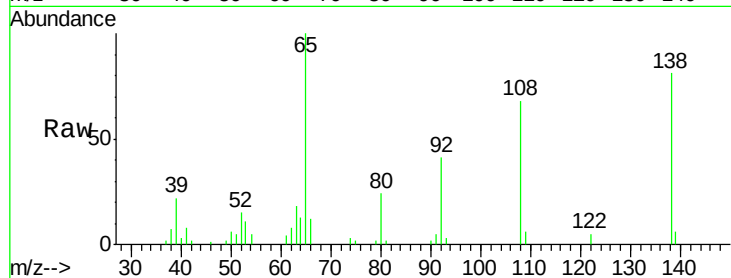




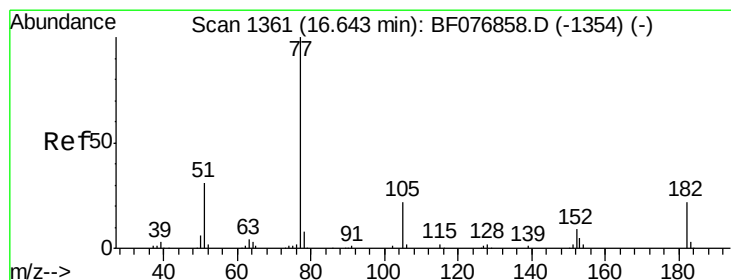
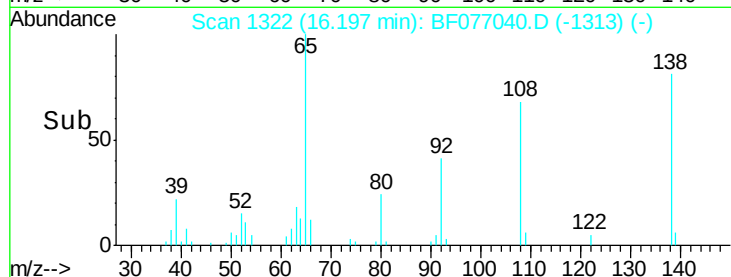
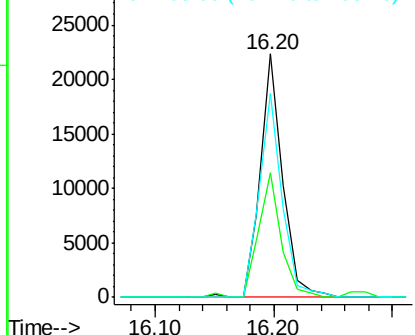
#61
4-Nitroaniline
Concen: 33.28 ng
RT: 16.20 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 29606
Ion Ratio Lower Upper
138 100
92 51.2 26.7 66.7
108 83.8 64.5 104.5

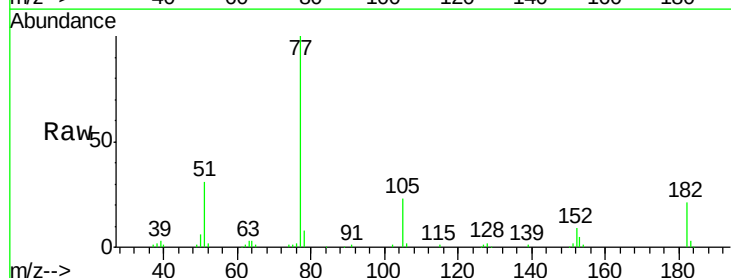


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

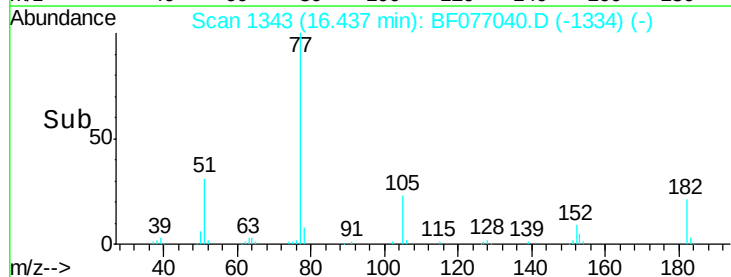
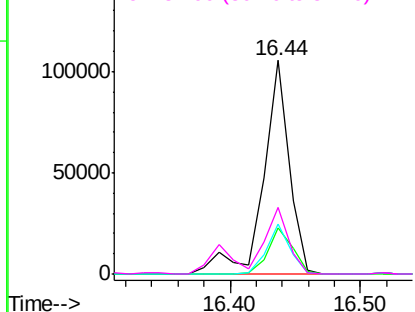


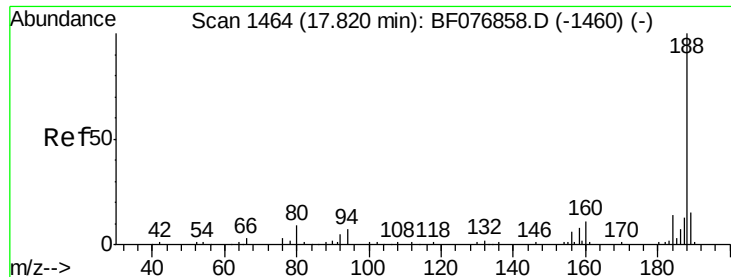
#62
Azobenzene
Concen: 39.15 ng
RT: 16.44 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion: 77 Resp: 147593
Ion Ratio Lower Upper
77 100
182 21.4 2.0 42.0
105 23.2 2.3 42.3
51 31.4 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: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

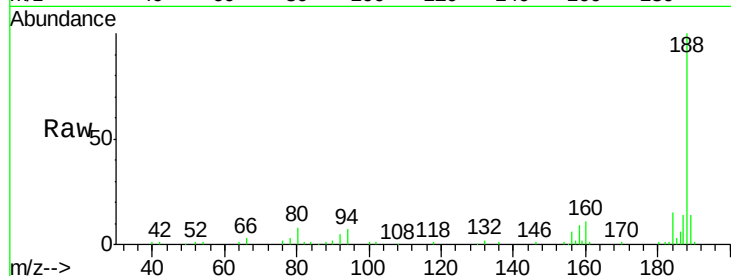
Tot Ion:188 Resp: 88120

Ion Ratio Lower Upper

188 100

94 6.6 6.0 9.0

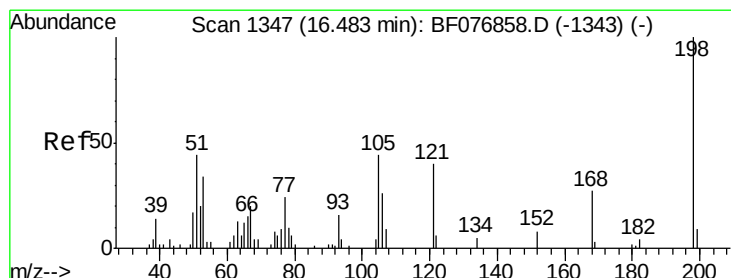
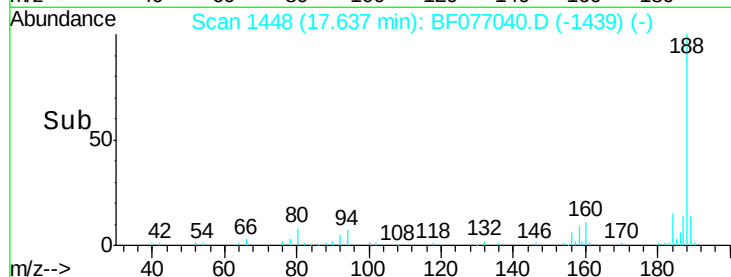
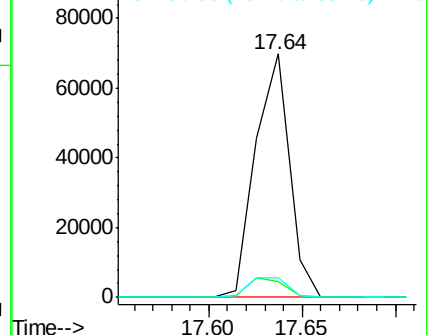
80 8.0 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.25 ng

RT: 16.28 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

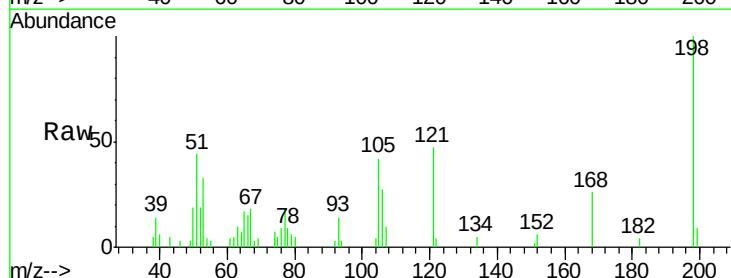
Tgt Ion:198 Resp: 20037

Ion Ratio Lower Upper

198 100

51 43.8 24.2 64.2

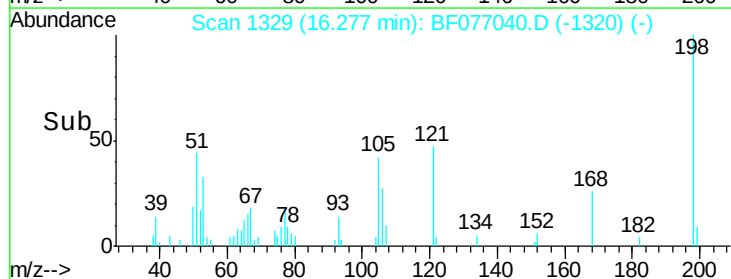
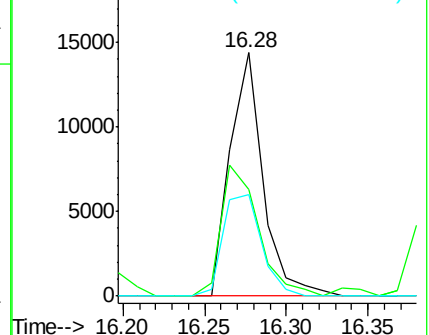
105 41.9 24.0 64.0

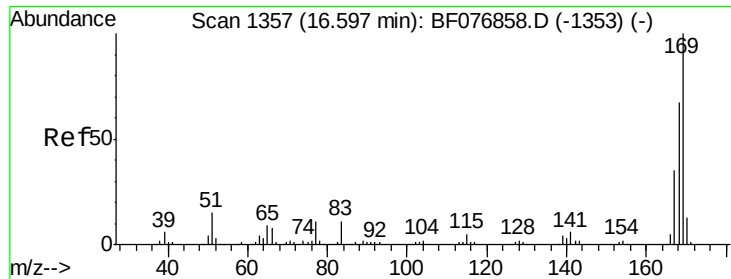


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

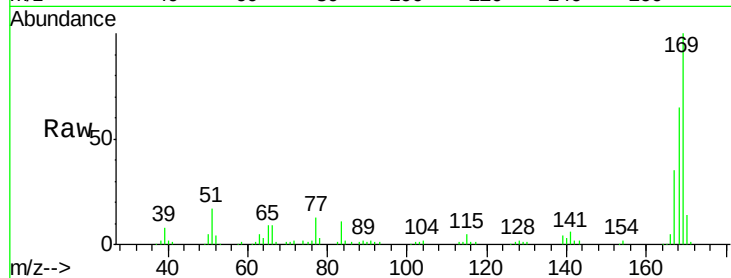




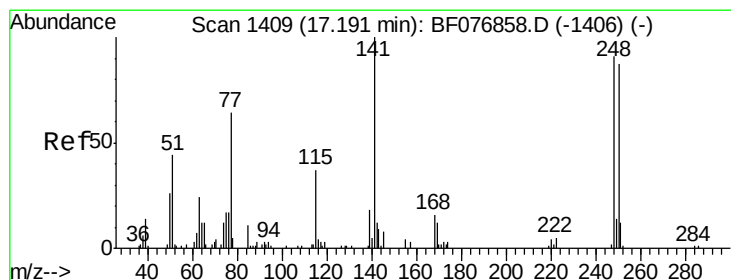
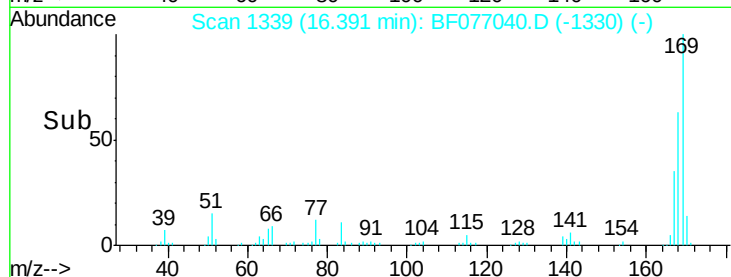
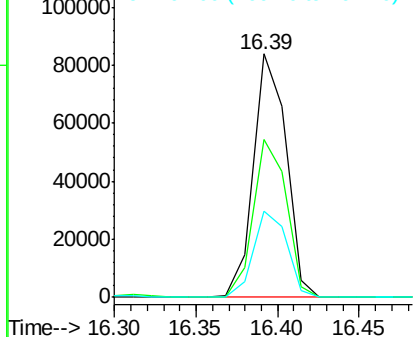
#65
 n-Nitrosodiphenylamine
 Concen: 37.27 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 117099
 Ion Ratio Lower Upper
 169 100
 168 64.6 53.8 80.6
 167 35.4 27.8 41.6

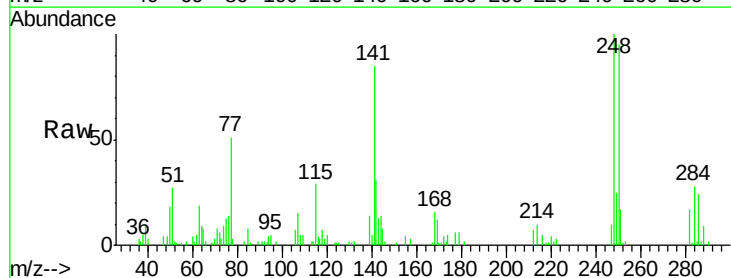


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

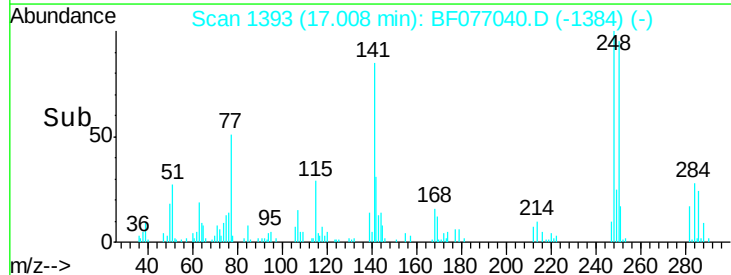
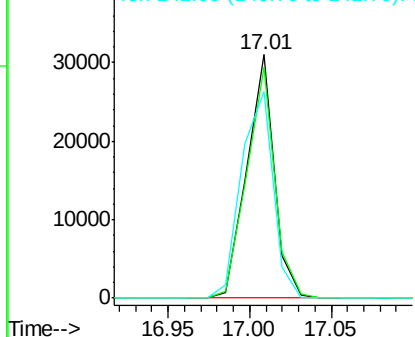


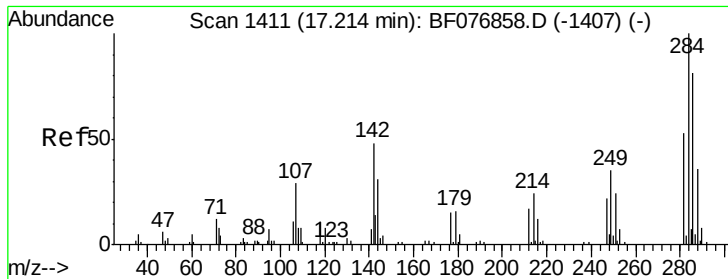
#66
 4-Bromophenyl-phenylether
 Concen: 40.34 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:248 Resp: 36014
 Ion Ratio Lower Upper
 248 100
 250 94.6 77.1 115.7
 141 85.1 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

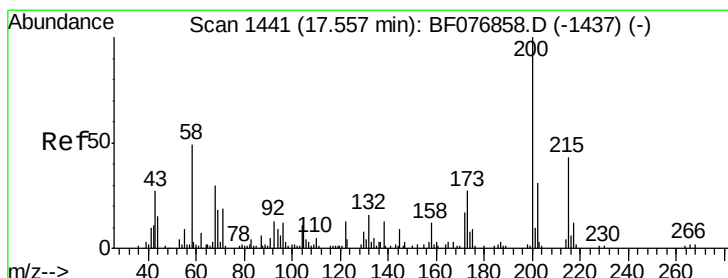
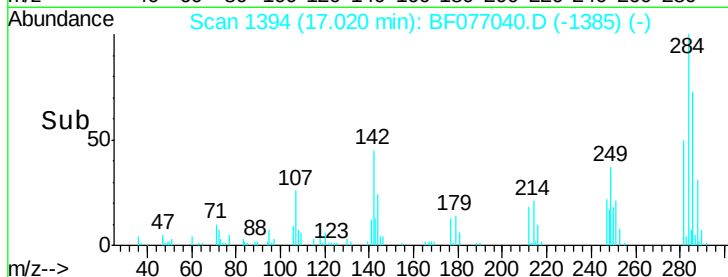
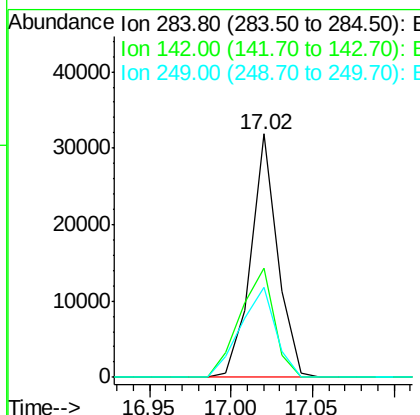
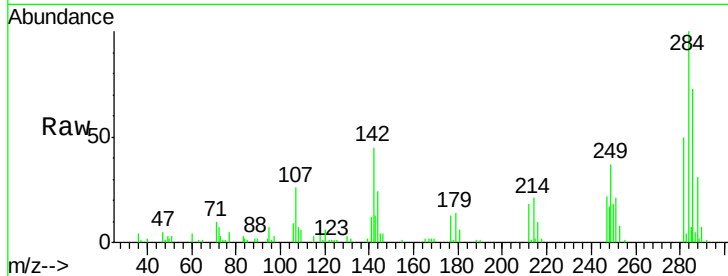




#67
Hexachlorobenzene
Concen: 38.65 ng
RT: 17.02 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

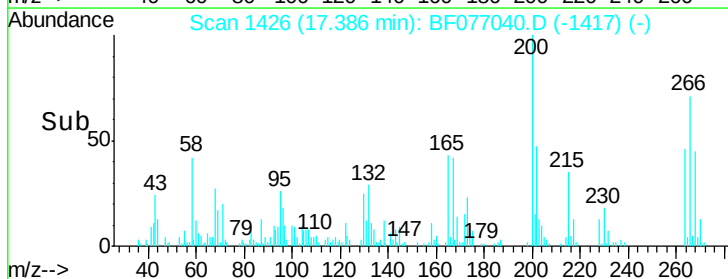
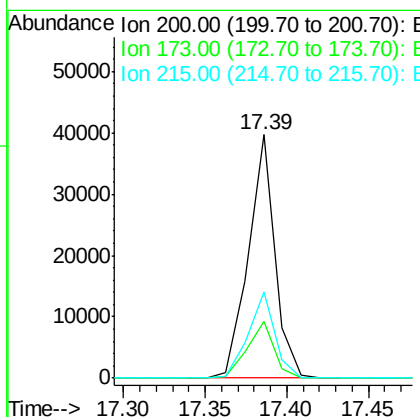
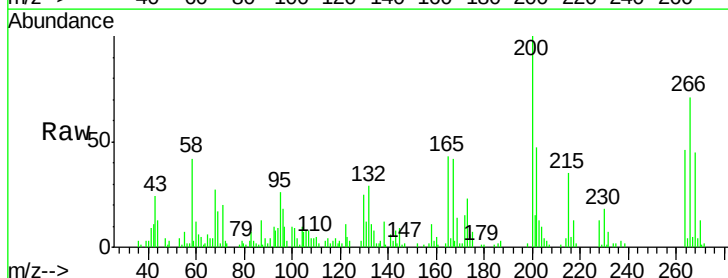
Instrument :
BNA_F
ClientSampleId :

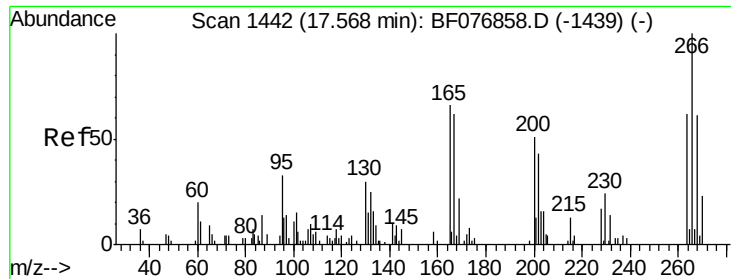
Tot Ion:284 Resp: 36363
Ion Ratio Lower Upper
284 100
142 44.9 38.2 57.4
249 36.7 28.2 42.2



#68
Atrazine
Concen: 46.59 ng
RT: 17.39 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:200 Resp: 44426
Ion Ratio Lower Upper
200 100
173 23.5 6.6 46.6
215 35.5 22.9 62.9

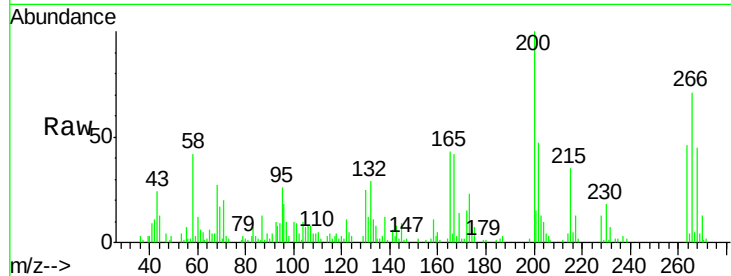




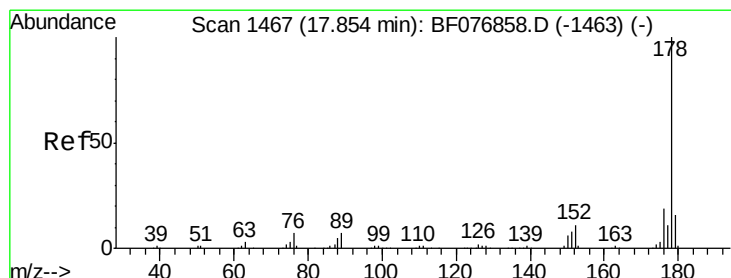
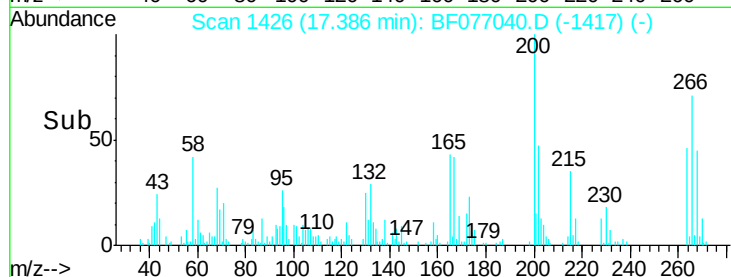
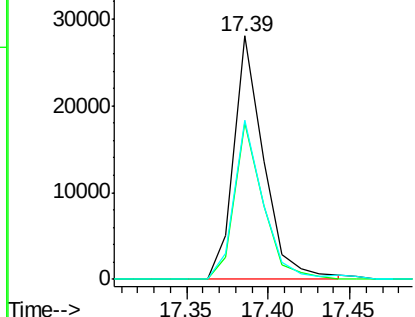
#69
 Pentachlorophenol
 Concen: 82.58 ng
 RT: 17.39 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 35745
 Ion Ratio Lower Upper
 266 100
 268 64.3 48.6 72.8
 264 65.6 49.5 74.3

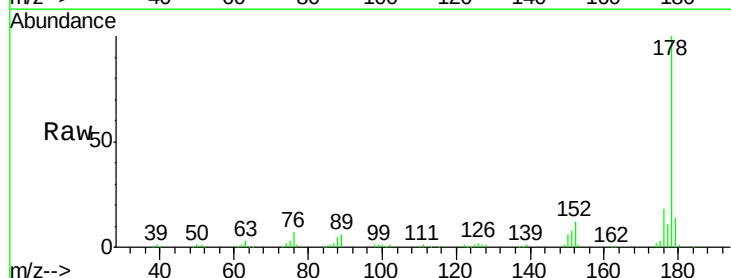


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

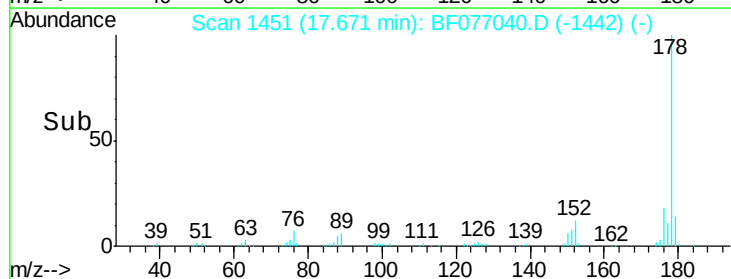
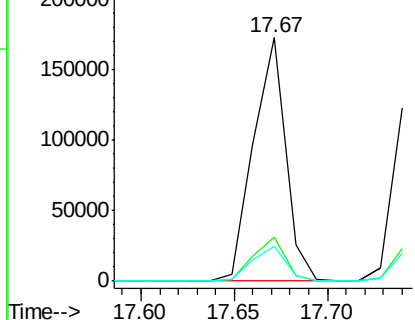


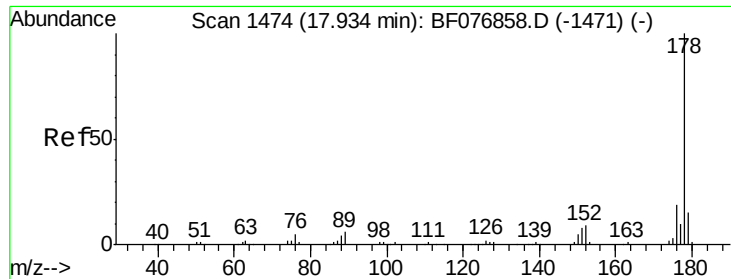
#70
 Phenanthrene
 Concen: 37.50 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:178 Resp: 206070
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.1 22.7
 179 14.4 12.7 19.1



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

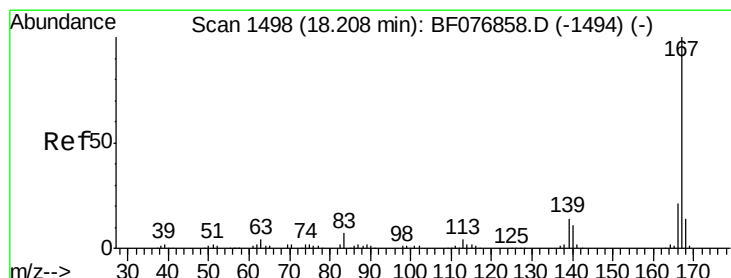
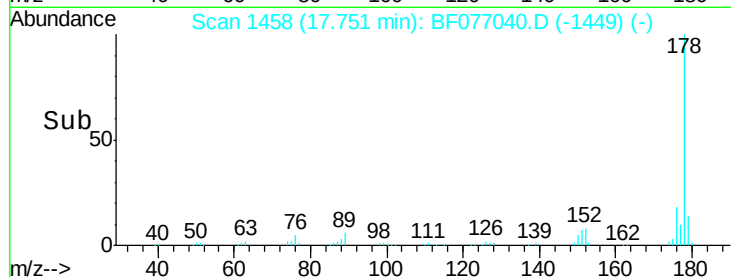
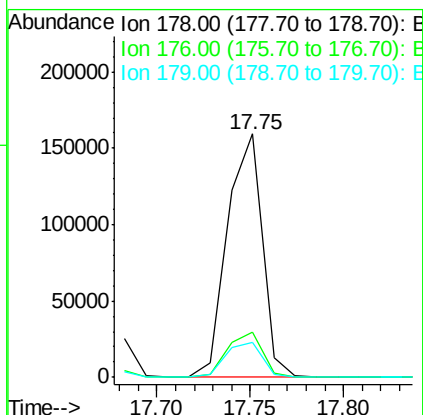
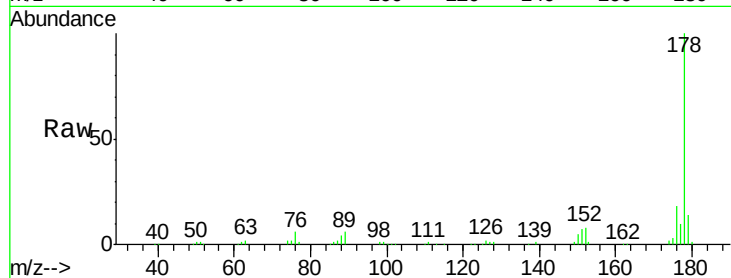




#71
 Anthracene
 Concen: 39.06 ng
 RT: 17.75 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

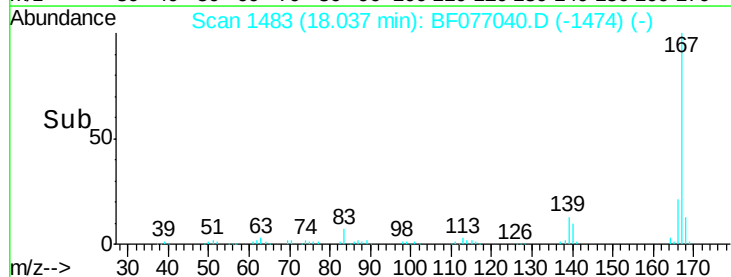
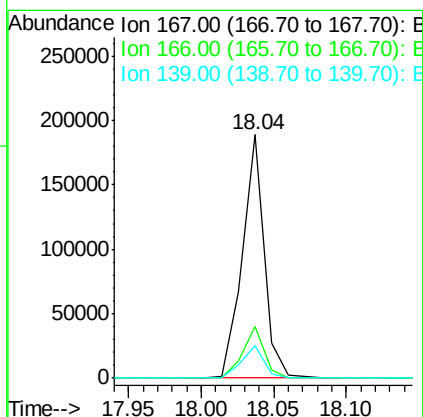
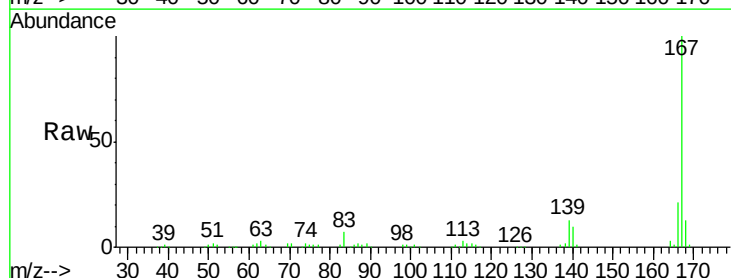
Instrument :
 BNA_F
 ClientSampleId :

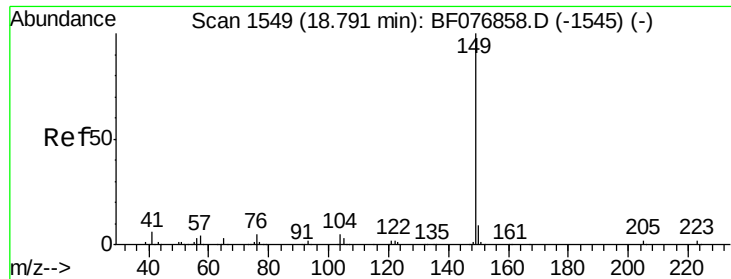
Tot Ion:178 Resp: 209288
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 14.3 11.9 17.9



#72
 Carbazole
 Concen: 38.18 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:167 Resp: 198467
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.5 11.3 16.9





#73

Di-n-butylphthalate

Concen: 41.29 ng

RT: 18.63 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

Instrument :

BNA_F

ClientSampleId :

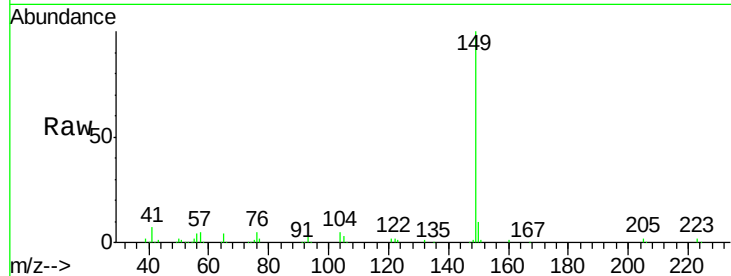
Tot Ion:149 Resp: 248416

Ion Ratio Lower Upper

149 100

150 9.6 6.9 10.3

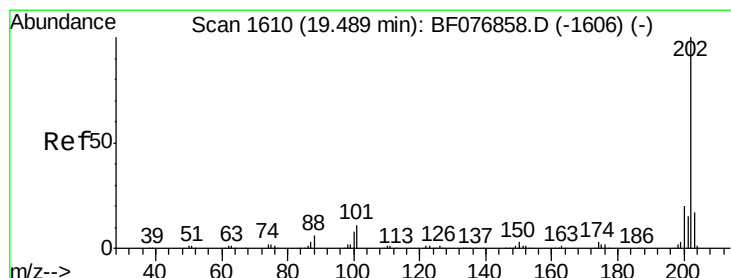
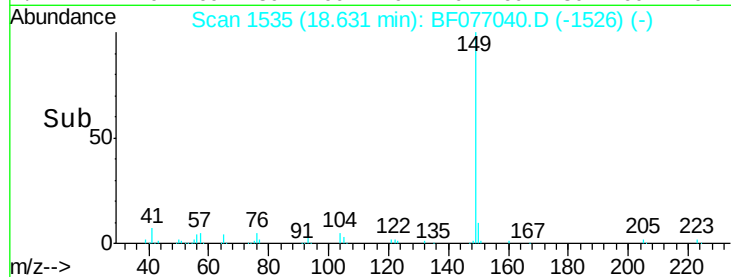
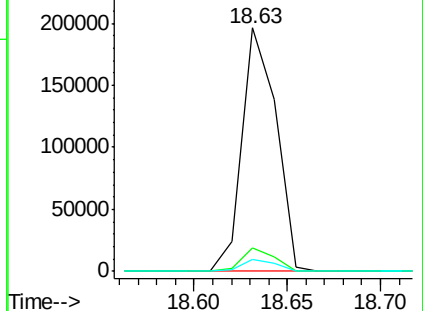
104 4.9 3.7 5.5



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: 39.36 ng

RT: 19.32 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF077040.D

Acq: 23 Jan 2015 16:37

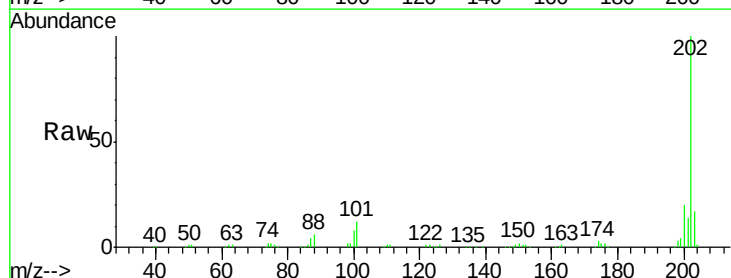
Tgt Ion:202 Resp: 221634

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.7

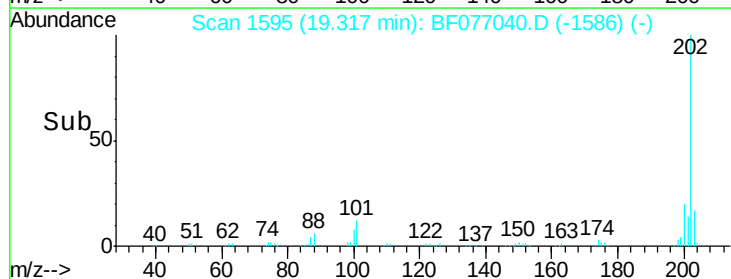
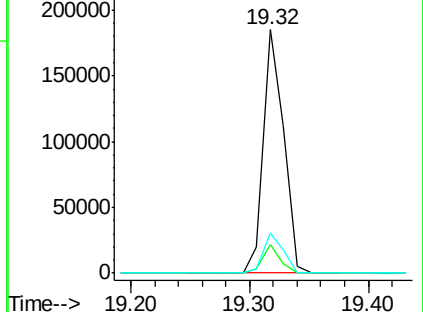
203 16.5 0.0 36.9

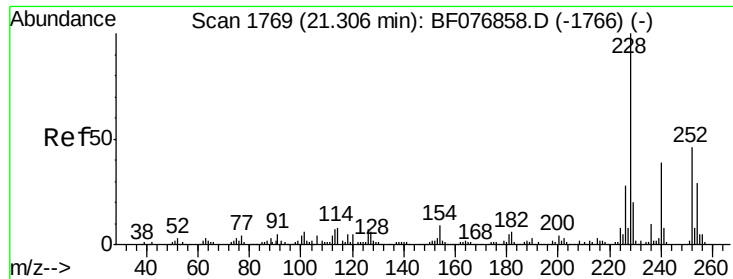


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF077040.D

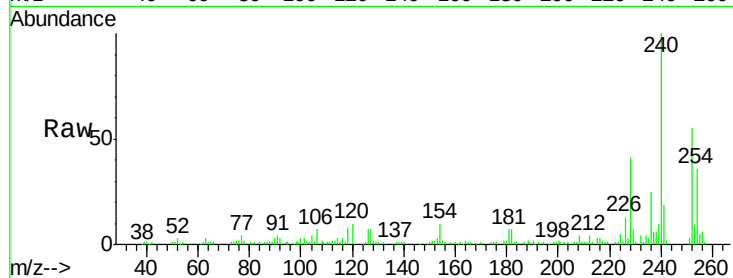
Acq: 23 Jan 2015 16:37

Instrument :

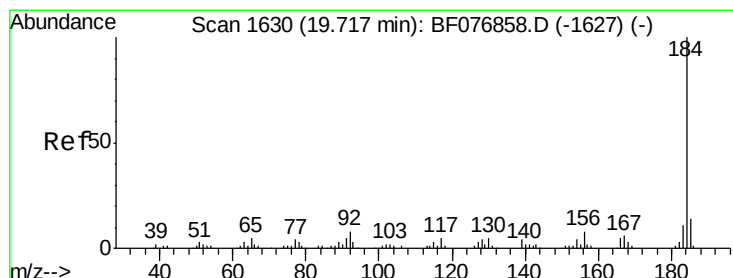
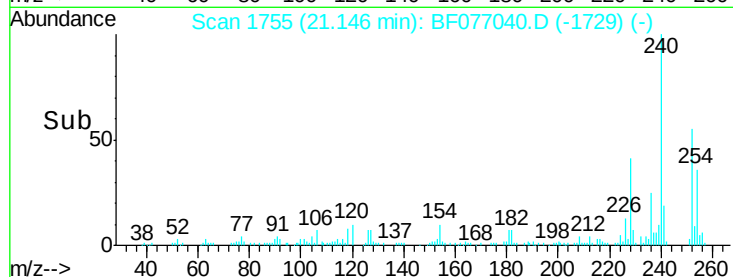
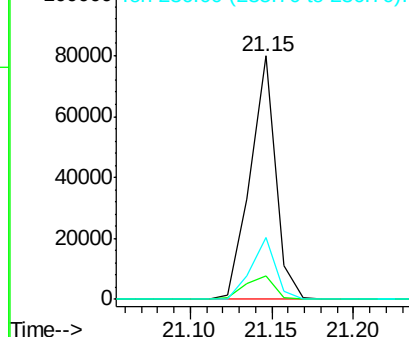
BNA_F

ClientSampleId :

Tot Ion:240 Resp: 86240
 Ion Ratio Lower Upper
 240 100
 120 9.6 10.4 15.6#
 236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.39 ng

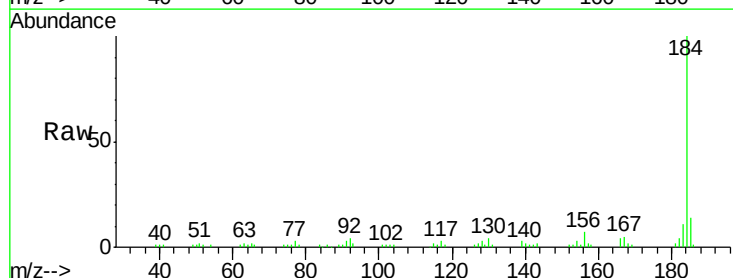
RT: 19.57 min Scan# 1617

Delta R.T. -0.00 min

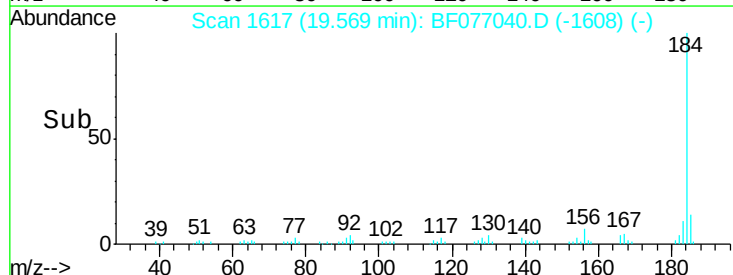
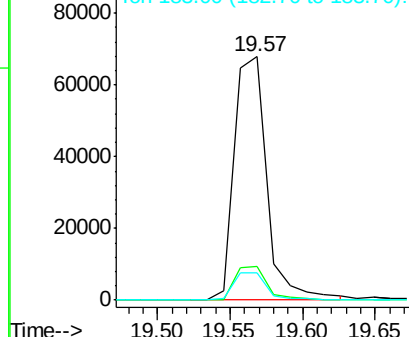
Lab File: BF077040.D

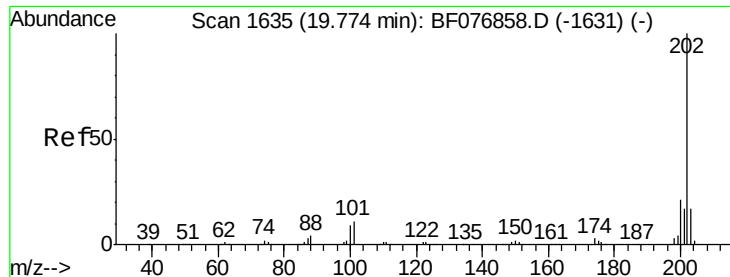
Acq: 23 Jan 2015 16:37

Tgt Ion:184 Resp: 105931
 Ion Ratio Lower Upper
 184 100
 185 13.9 11.4 17.2
 183 11.3 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

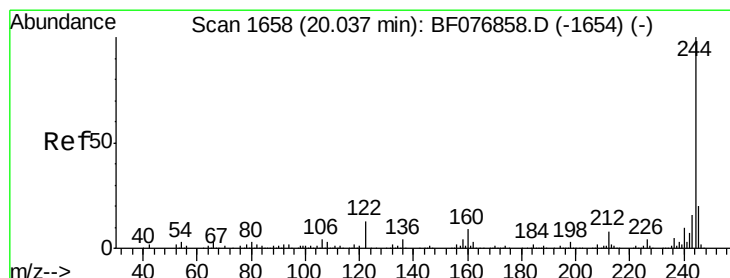
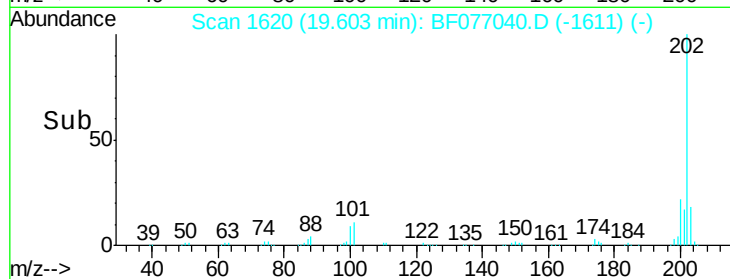
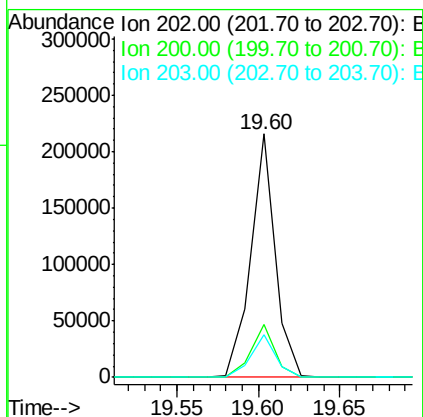
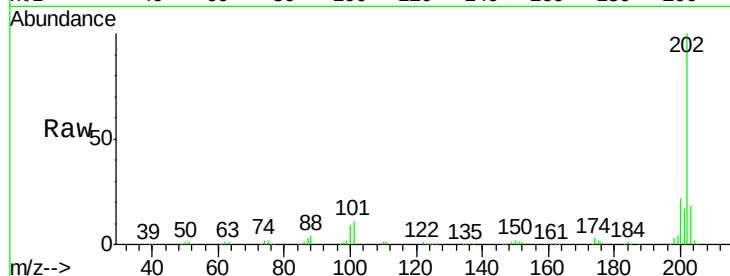




#77
 Pvrene
 Concen: 38.07 ng
 RT: 19.60 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

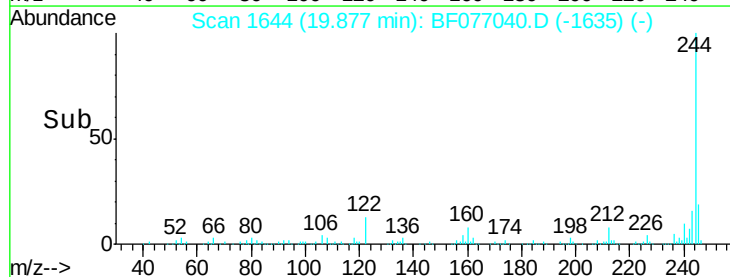
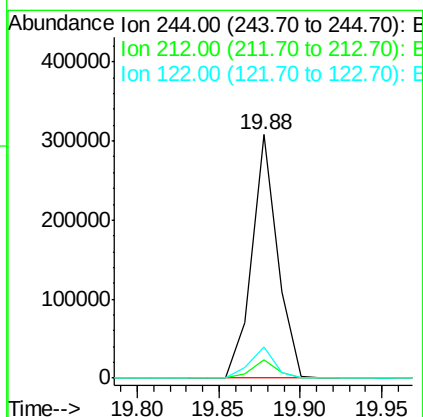
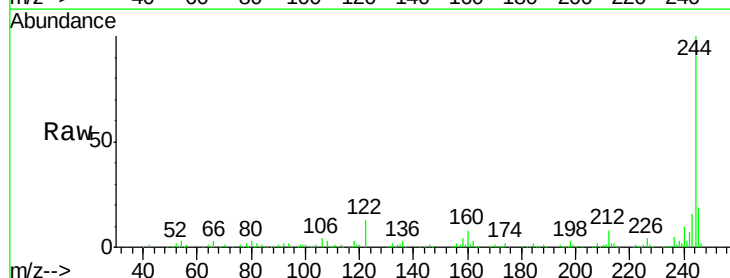
Instrument :
 BNA_F
 ClientSampleId :

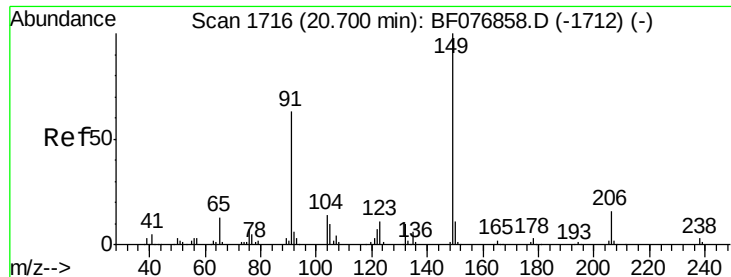
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	17.7	14.0	21.0



#78
 Terphenyl-d14
 Concen: 90.03 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	12.8	10.1	15.1

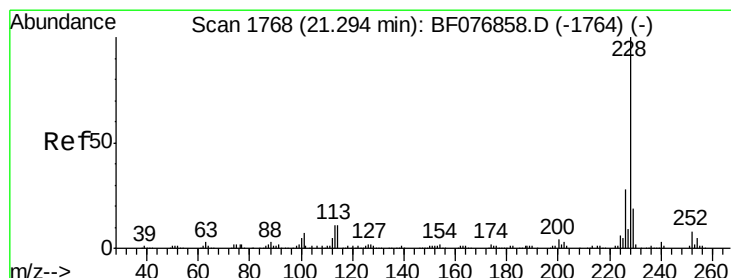
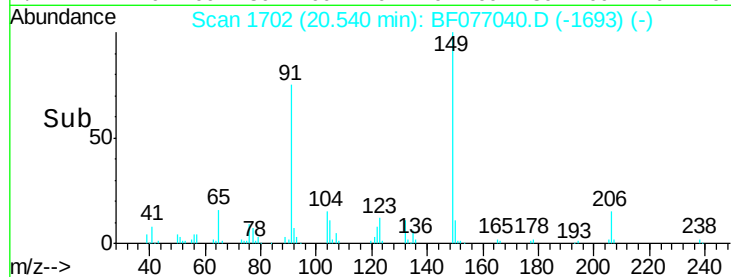
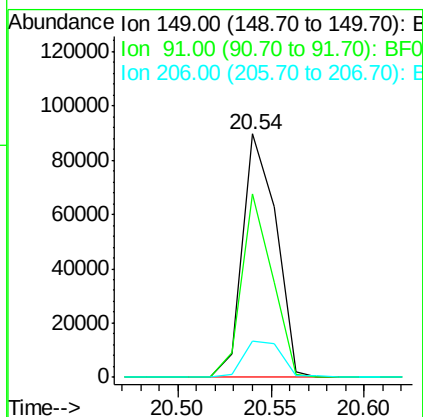
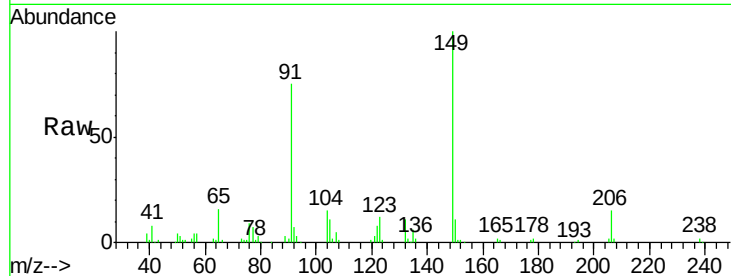




#79
Butylbenzylphthalate
Concen: 41.85 ng
RT: 20.54 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

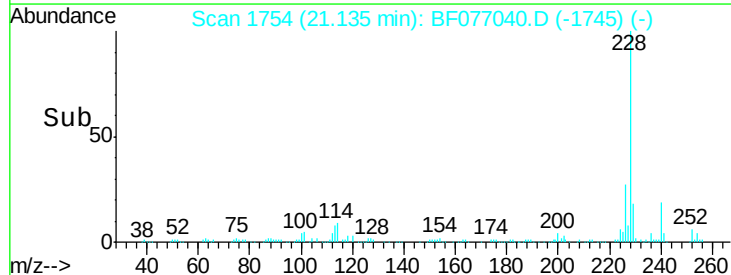
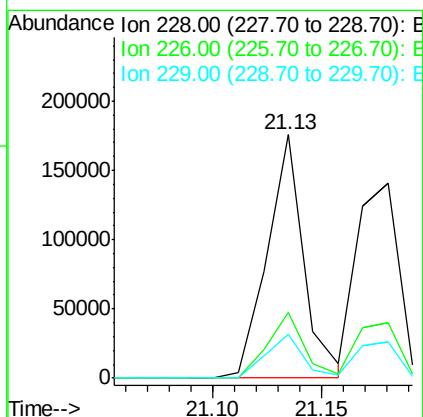
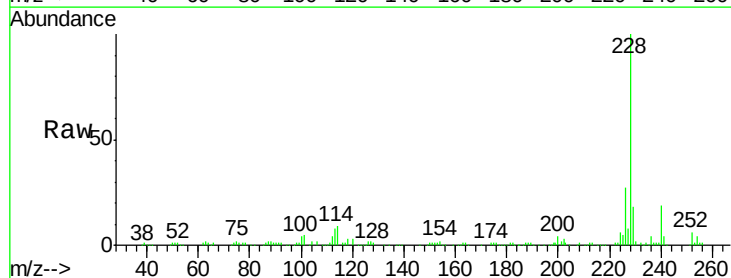
Instrument :
BNA_F
ClientSampleId :

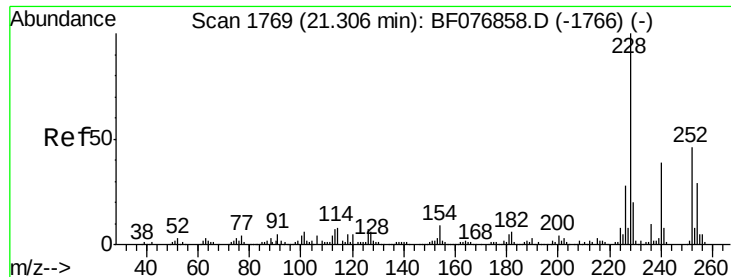
Tot Ion:149 Resp: 112022
Ion Ratio Lower Upper
149 100
91 75.4 50.6 76.0
206 15.1 12.8 19.2



#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:228 Resp: 205498
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 18.2 15.5 23.3

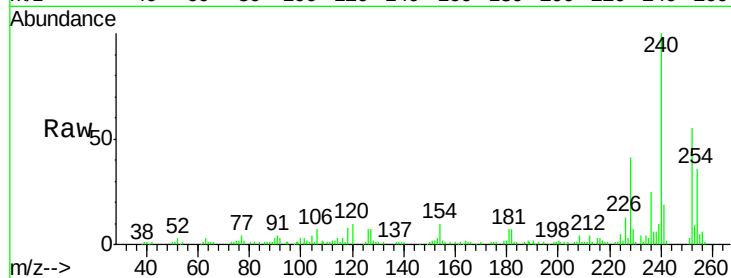




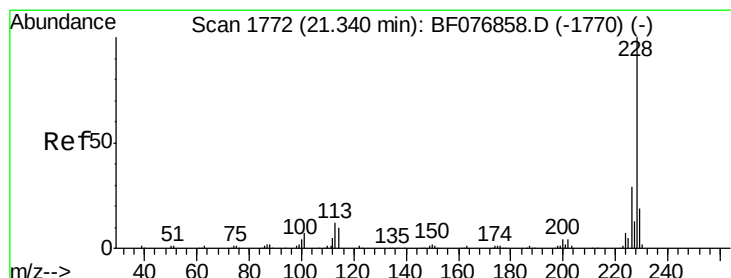
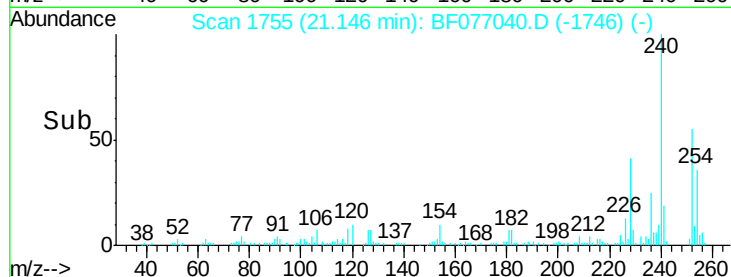
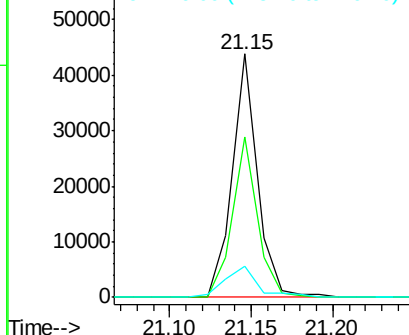
#81
 3,3'-Dichlorobenzidine
 Concen: 27.16 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 46708
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.2 75.4
 126 12.7 11.5 17.3

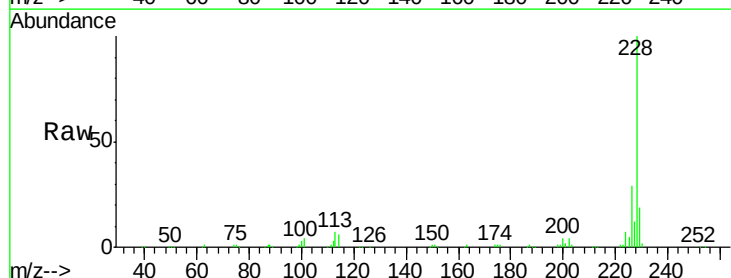


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

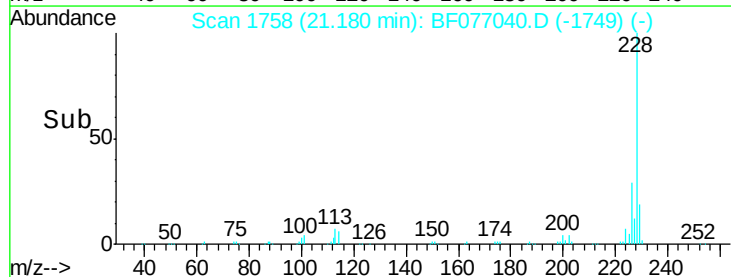
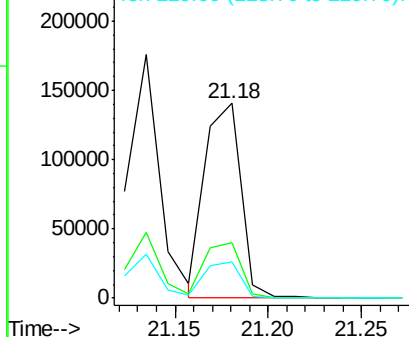


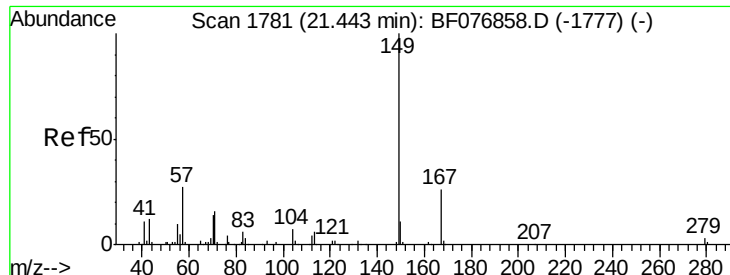
#82
 Chrysene
 Concen: 38.46 ng
 RT: 21.18 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:228 Resp: 189768
 Ion Ratio Lower Upper
 228 100
 226 28.7 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

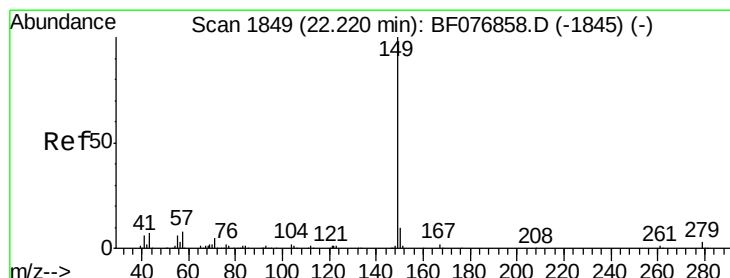
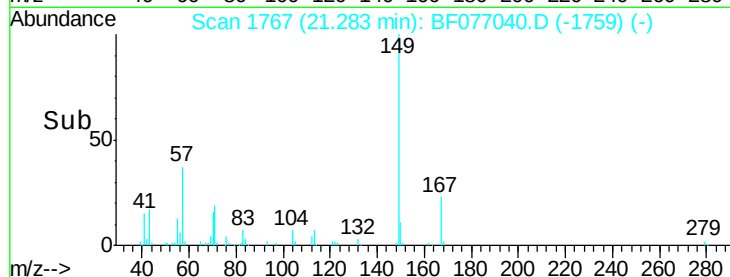
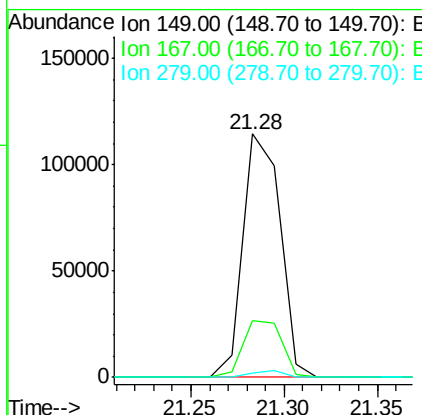
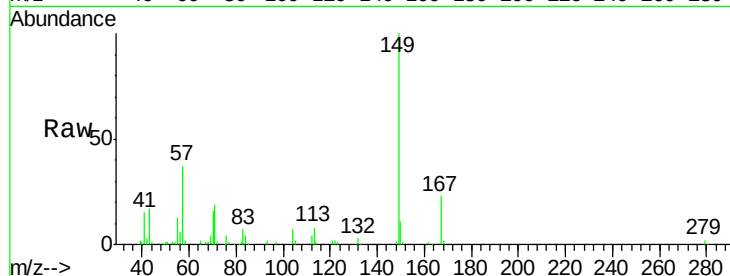




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.66 ng
 RT: 21.28 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

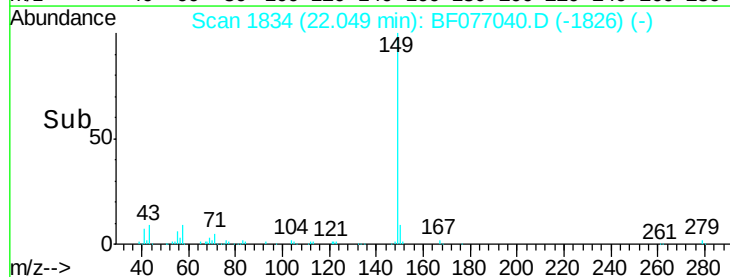
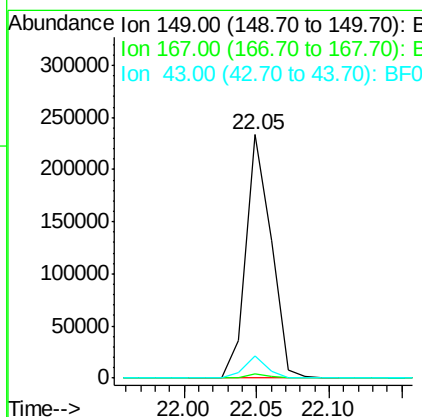
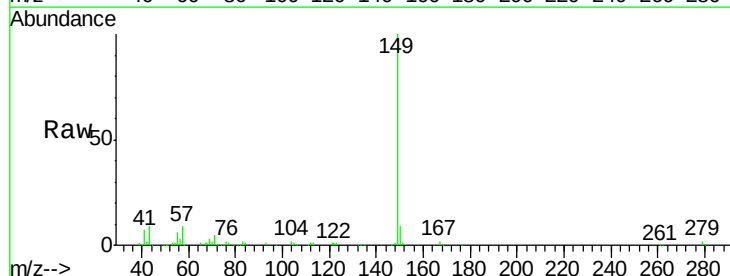
Instrument :
 BNA_F
 ClientSampleId :

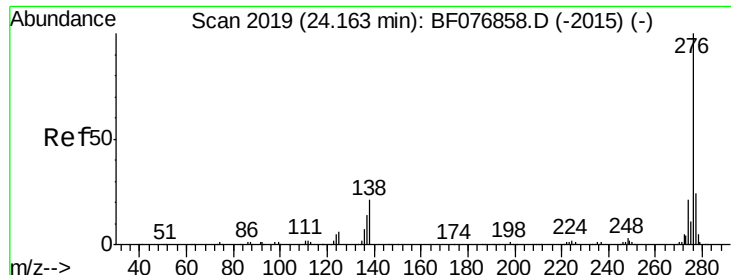
Tot Ion:149 Resp: 157993
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.6 30.8
 279 1.9 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 44.03 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Tgt Ion:149 Resp: 282990
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 8.5 6.6 10.0

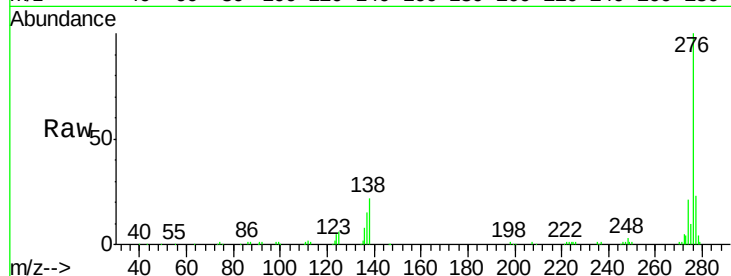




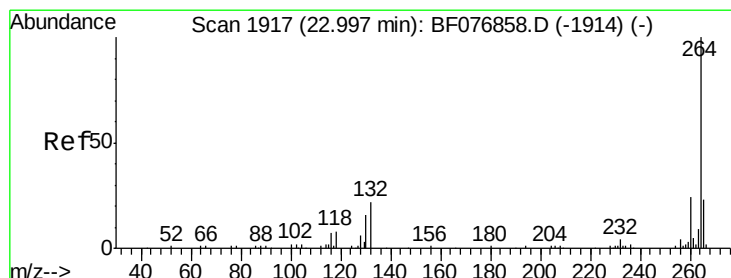
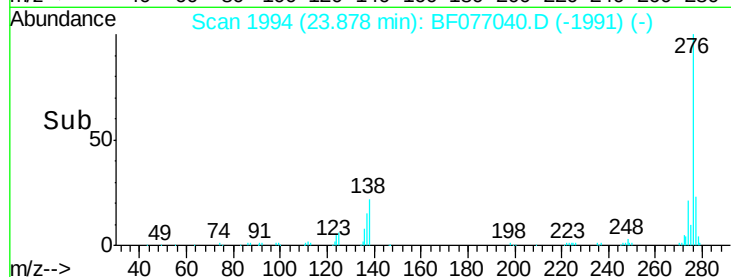
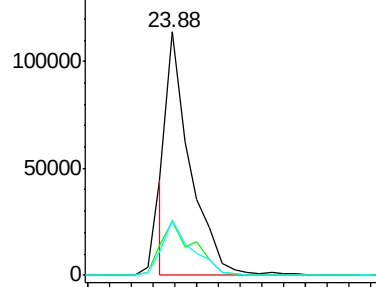
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.79 ng
RT: 23.88 min Scan# 1994
Delta R.T. -0.07 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 166254
Ion Ratio Lower Upper
276 100
138 26.6 14.6 22.0#
277 25.1 14.8 22.2#

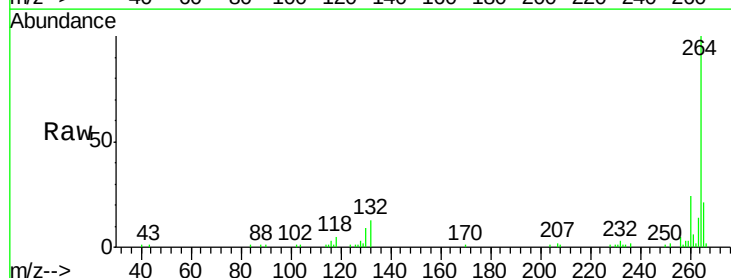


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

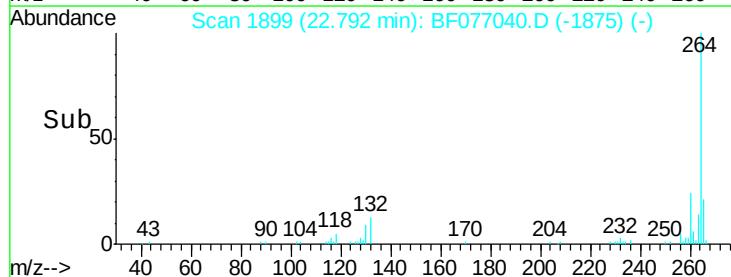
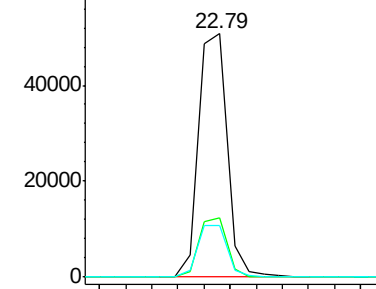


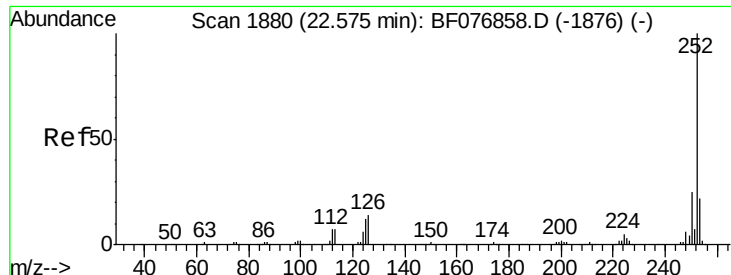
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.79 min Scan# 1899
Delta R.T. -0.02 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:264 Resp: 77410
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 21.2 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

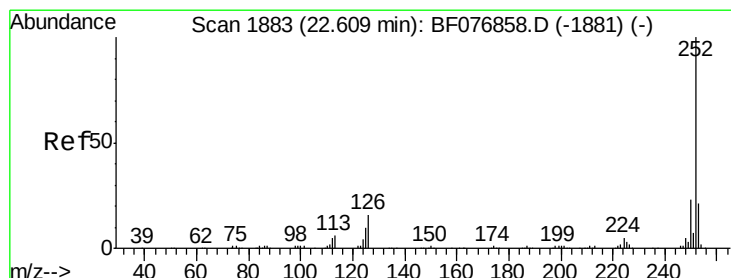
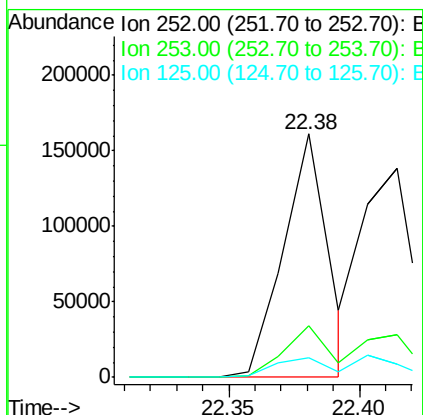
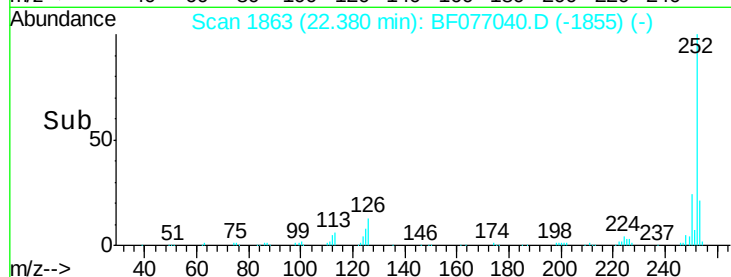
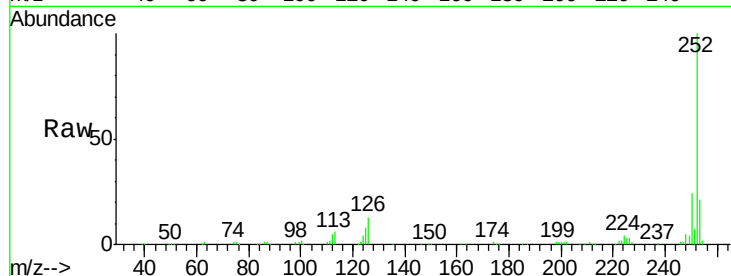




#87
Benzo(b)fluoranthene
Concen: 36.60 ng
RT: 22.38 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

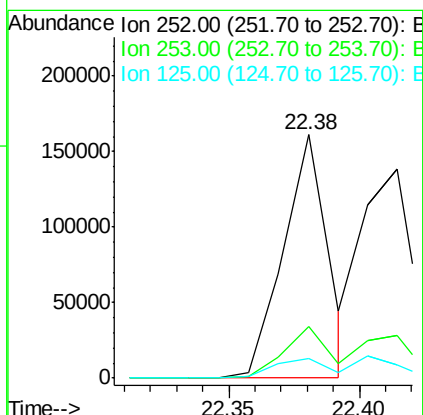
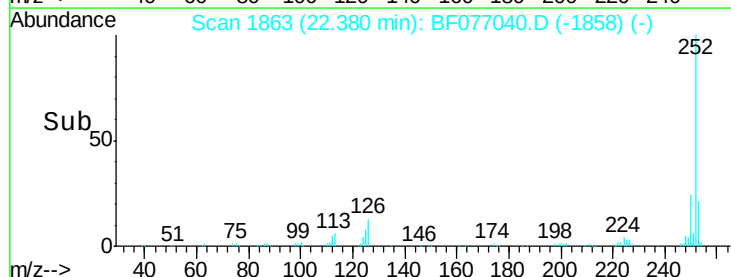
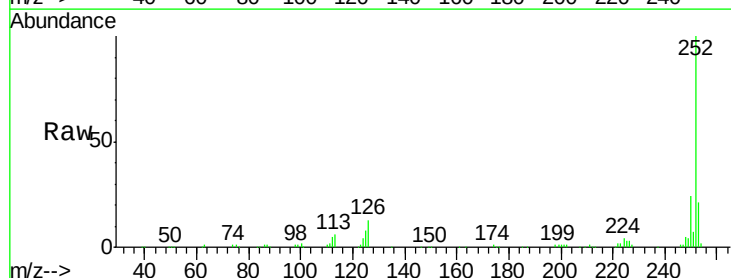
Instrument :
BNA_F
ClientSampleId :

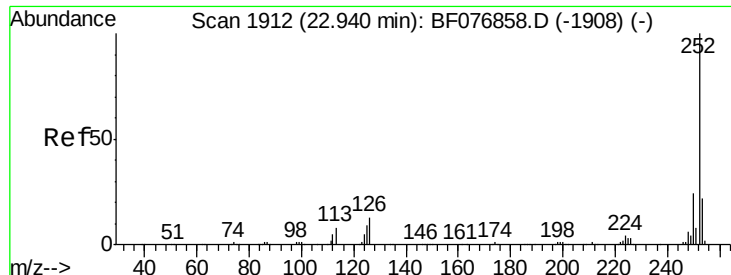
Tot Ion:252 Resp: 190826
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.3 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 41.89 ng
RT: 22.38 min Scan# 1863
Delta R.T. -0.05 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:252 Resp: 190826
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 8.3 7.1 10.7

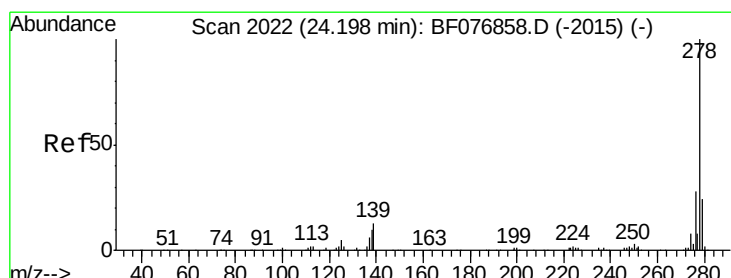
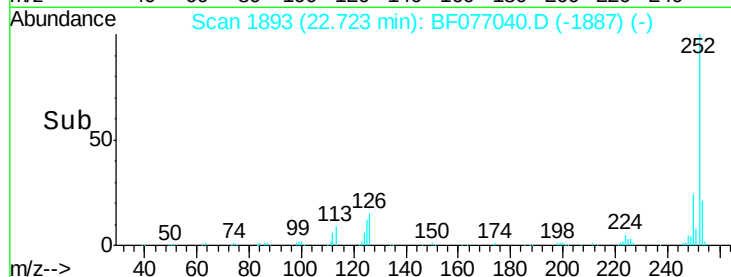
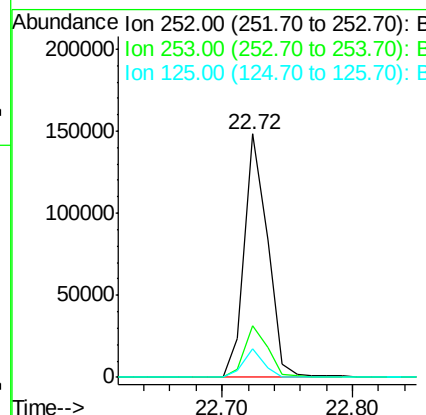
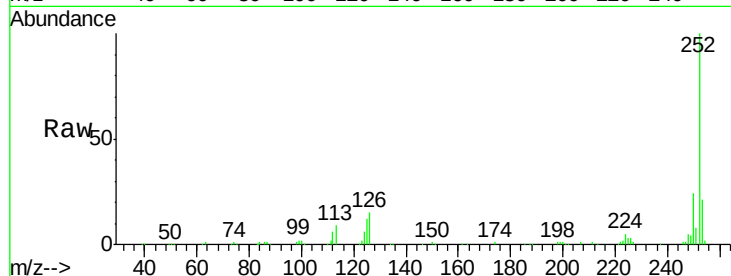




#89
Benzo(a)pyrene
Concen: 40.30 ng
RT: 22.72 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

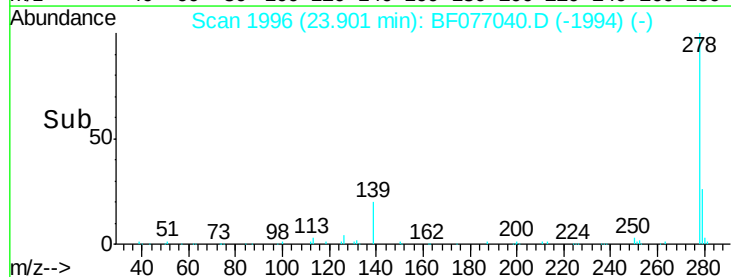
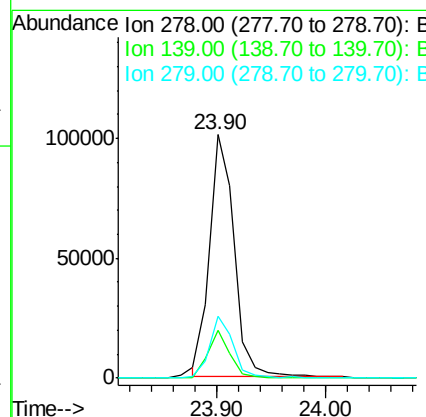
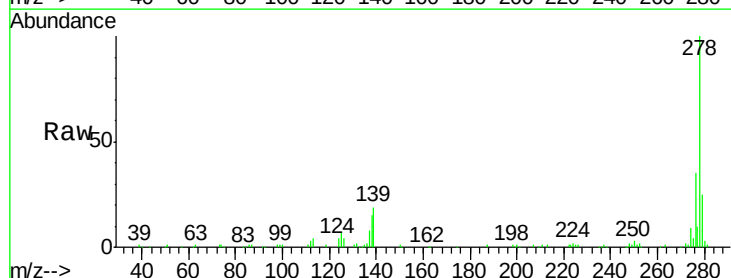
Instrument :
BNA_F
ClientSampleId :

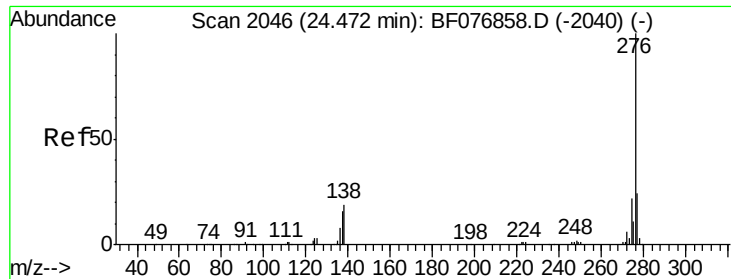
Tot Ion:252 Resp: 185354
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 11.7 7.2 10.8#



#90
Dibenzo(a,h)anthracene
Concen: 38.12 ng
RT: 23.90 min Scan# 1996
Delta R.T. -0.08 min
Lab File: BF077040.D
Acq: 23 Jan 2015 16:37

Tgt Ion:278 Resp: 160841
Ion Ratio Lower Upper
278 100
139 19.5 10.5 15.7#
279 25.4 19.3 28.9

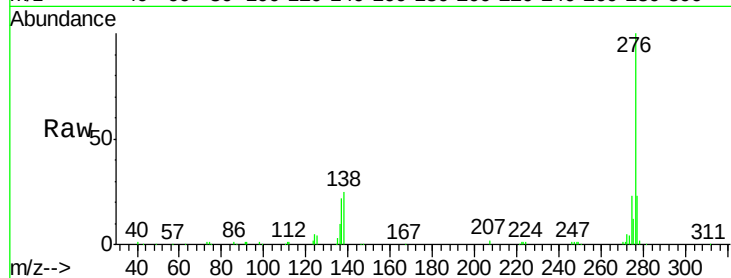




#91
 Benzo(a,h,i)perylene
 Concen: 39.20 ng
 RT: 24.15 min Scan# 2018
 Delta R.T. -0.08 min
 Lab File: BF077040.D
 Acq: 23 Jan 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	24.6	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

