

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078746.D
 Acq On : 23 Apr 2015 12:35
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:38:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 08:49:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	21466	20.00	ng	-0.03
21) Naphthalene-d8	7.91	136	94496	20.00	ng	-0.03
38) Acenaphthene-d10	11.10	164	49294	20.00	ng	-0.03
63) Phenanthrene-d10	13.83	188	101165	20.00	ng	-0.03
75) Chrysene-d12	17.71	240	109140	20.00	ng	-0.02
86) Perylene-d12	19.50	264	117346	20.00	ng	0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	3.77	112	101060	77.62	ng	-0.02
7) Phenol-d6	5.26	99	130792	80.16	ng	-0.03
23) Nitrobenzene-d5	6.70	82	122992	78.89	ng	-0.03
41) 2,4,6-Tribromophenol	12.57	330	35122	85.91	ng	-0.03
44) 2-Fluorobiphenyl	9.93	172	269327	78.10	ng	-0.03
78) Terphenyl-d14	16.38	244	362055	74.96	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.31	88	22972	39.02	ng	96
3) Pyridine	1.80	79	66355	43.03	ng	96
4) n-Nitrosodimethylamine	1.76	42	28817	48.54	ng	# 74
6) Aniline	5.23	93	93835	40.55	ng	90
8) 2-Chlorophenol	5.42	128	60434	39.26	ng	95
9) Benzaldehyde	5.06	77	35362	32.70	ng	99
10) Phenol	5.28	94	75895	38.82	ng	97
11) bis(2-Chloroethyl)ether	5.38	93	54788	38.97	ng	95
12) 1,3-Dichlorobenzene	5.64	146	66341	39.23	ng	97
13) 1,4-Dichlorobenzene	5.78	146	66817	39.25	ng	97
14) 1,2-Dichlorobenzene	6.01	146	61707	38.66	ng	98
15) Benzyl Alcohol	6.03	79	50637	44.16	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.27	45	70207	37.44	ng	79
17) 2-Methylphenol	6.26	107	47001	39.32	ng	95
18) Hexachloroethane	6.56	117	22888	39.87	ng	# 81
19) n-Nitroso-di-n-propylamine	6.49	70	45706	42.46	ng	96
20) 3+4-Methylphenols	6.54	107	62720	39.34	ng	93
22) Acetophenone	6.46	105	86608	39.34	ng	# 94
24) Nitrobenzene	6.73	77	61650	37.83	ng	95
25) Isophorone	7.15	82	120850	40.84	ng	95
26) 2-Nitrophenol	7.28	139	30765	39.61	ng	97
27) 2,4-Dimethylphenol	7.44	122	53619	37.13	ng	95
28) bis(2-Chloroethoxy)methane	7.60	93	72002	37.95	ng	99
29) 2,4-Dichlorophenol	7.72	162	51631	39.30	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	55546	36.87	ng	99
31) Naphthalene	7.95	128	188627	38.35	ng	99
32) Benzoic acid	7.68	122	29782	44.35	ng	92
33) 4-Chloroaniline	8.11	127	82190	40.27	ng	97
34) Hexachlorobutadiene	8.20	225	31192	37.71	ng	97
35) Caprolactam	8.75	113	18283	46.62	ng	# 84
36) 4-Chloro-3-methylphenol	9.07	107	56627	42.72	ng	90
37) 2-Methylnaphthalene	9.21	142	128895	38.60	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.52	216	56565	37.03	ng	98
40) Hexachlorocyclopentadiene	9.50	237	19340	33.72	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

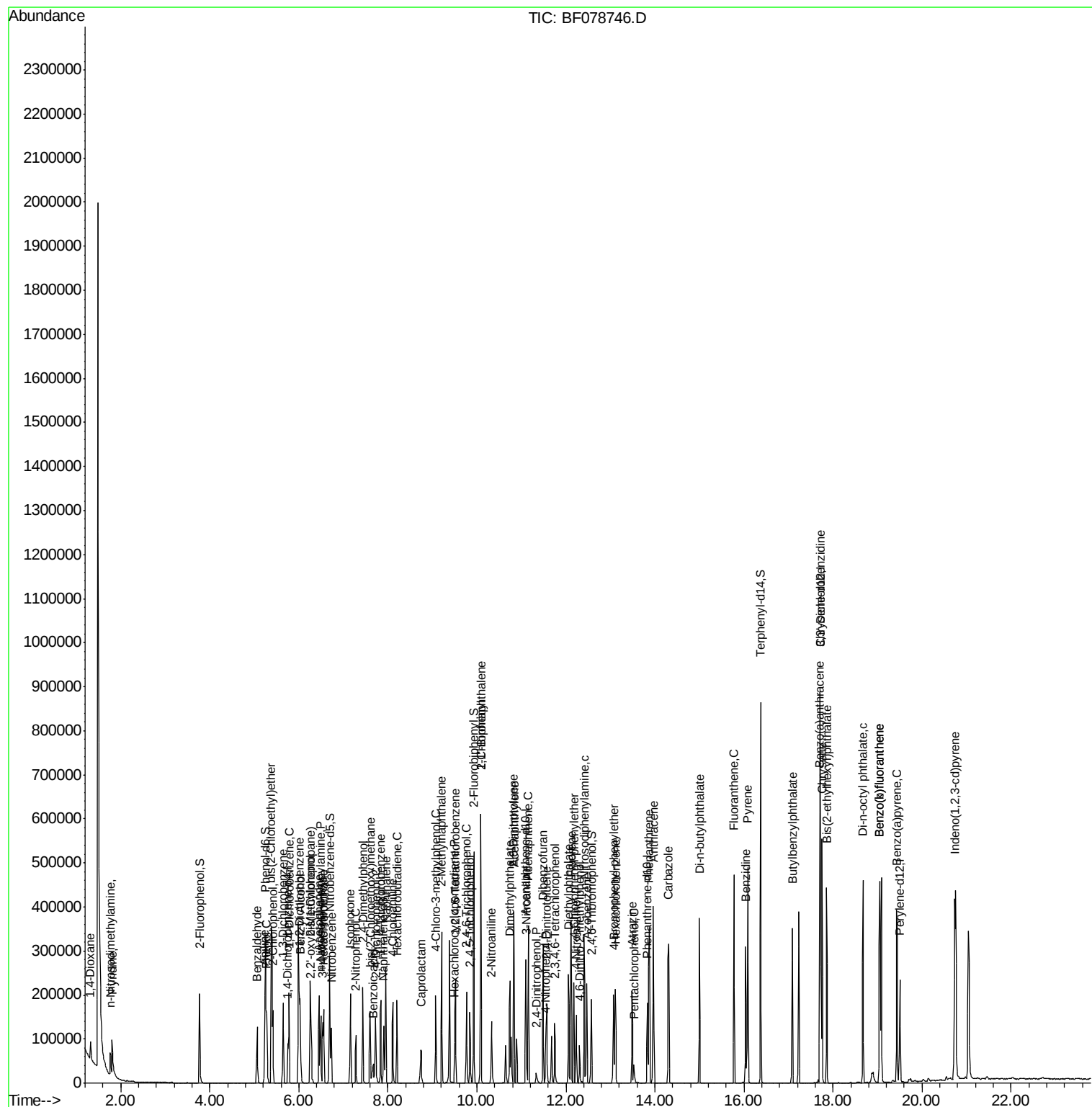
42) 2,4,6-Trichlorophenol	9.77	196	38990	40.48	nq	98
43) 2,4,5-Trichlorophenol	9.84	196	38713	38.47	nq	# 93
45) 1,1'-Biphenyl	10.09	154	152470	37.81	nq	98
46) 2-Chloronaphthalene	10.09	162	118576	37.38	nq	97
47) 2-Nitroaniline	10.33	65	34786	44.32	nq	90
48) Acenaphthylene	10.83	152	207574	40.52	nq	100
49) Dimethylphthalate	10.74	163	151243	40.84	nq	97
50) 2,6-Dinitrotoluene	10.82	165	31211	40.96	nq	# 33
51) Acenaphthene	11.15	154	114027	39.53	nq	99
52) 3-Nitroaniline	11.11	138	36946	42.64	nq	95
53) 2,4-Dinitrophenol	11.34	184	7490	36.70	nq	98
54) Dibenzofuran	11.49	168	178311	40.48	nq	97
55) 4-Nitrophenol	11.54	139	18906	31.38	nq	86
56) 2,4-Dinitrotoluene	11.57	165	44173	44.76	nq	92
57) Fluorene	12.11	166	146271	40.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.75	232	27327	36.63	nq	# 96
59) Diethylphthalate	12.06	149	152219	42.63	nq	98
60) 4-Chlorophenyl-phenylether	12.18	204	67255	40.94	nq	# 88
61) 4-Nitroaniline	12.23	138	36486	41.66	nq	94
62) Azobenzene	12.47	77	133393	40.93	nq	91
64) 4,6-Dinitro-2-methylphenol	12.31	198	17457	37.12	nq	79
65) n-Nitrosodiphenylamine	12.41	169	130139	37.19	nq	98
66) 4-Bromophenyl-phenylether	13.07	248	41227	38.48	nq	91
67) Hexachlorobenzene	13.11	284	43781	37.29	nq	# 91
68) Atrazine	13.49	200	42558	41.99	nq	96
69) Pentachlorophenol	13.53	266	12598	29.61	nq	98
70) Phenanthrene	13.87	178	222465	38.02	nq	99
71) Anthracene	13.97	178	223741	38.80	nq	99
72) Carbazole	14.31	167	214358	39.67	nq	99
73) Di-n-butylphthalate	14.99	149	258599	42.24	nq	99
74) Fluoranthene	15.77	202	247702	40.14	nq	96
76) Benzidine	16.03	184	174695	41.57	nq	98
77) Pyrene	16.08	202	259266	37.84	nq	98
79) Butylbenzylphthalate	17.09	149	121888	46.68	nq	# 80
80) Benzo(a)anthracene	17.70	228	250958	38.65	nq	99
81) 3,3'-Dichlorobenzidine	17.71	252	91681	42.16	nq	# 97
82) Chrysene	17.75	228	245297	40.21	nq	99
83) Bis(2-ethylhexyl)phthalate	17.85	149	174833	42.69	nq	# 96
84) Di-n-octyl phthalate	18.67	149	312261	46.43	nq	# 100
85) Indeno(1,2,3-cd)pyrene	20.73	276	298096	43.06	nq	# 87
87) Benzo(b)fluoranthene	19.05	252	257339	35.48	nq	99
88) Benzo(k)fluoranthene	19.05	252	97802	15.17	nq	# 94
89) Benzo(a)pyrene	19.43	252	242944	38.38	nq	# 95

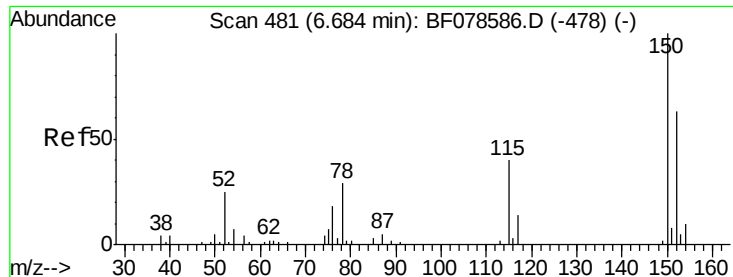
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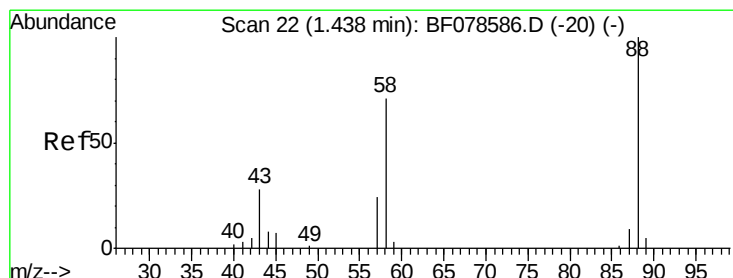
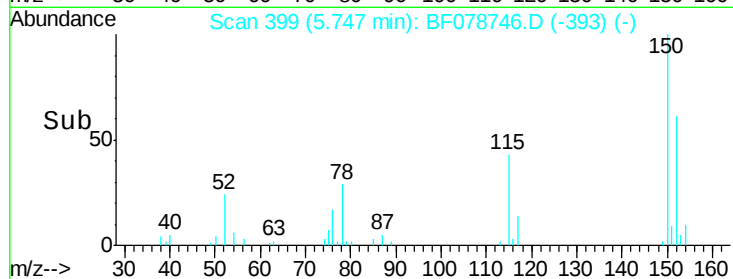
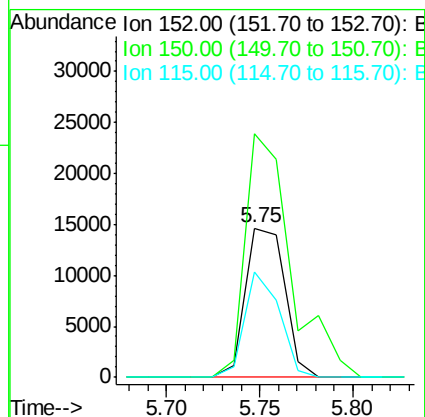
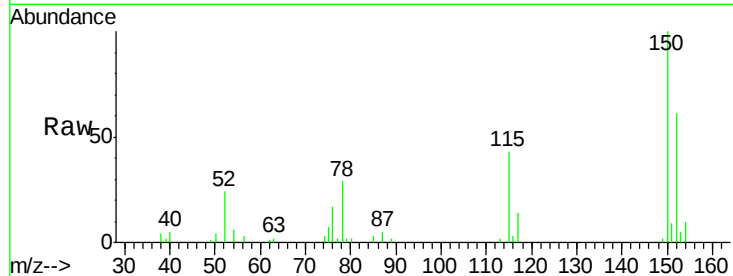


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 399
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :

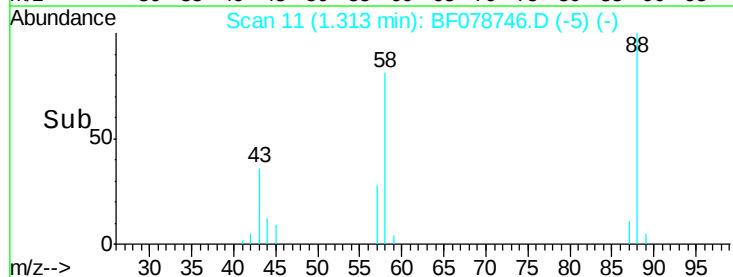
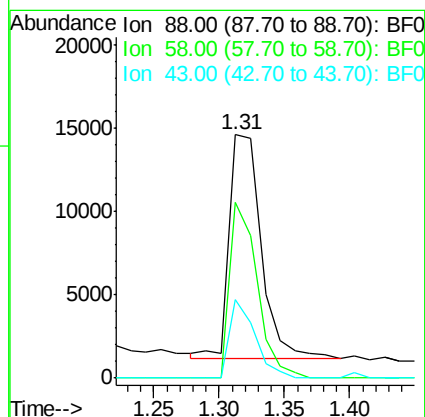
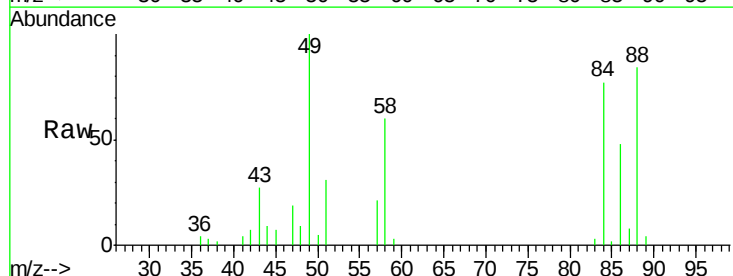
Tot Ion:152 Resp: 21466
Ion Ratio Lower Upper
152 100
150 163.5 125.9 188.9
115 70.7 52.7 79.1

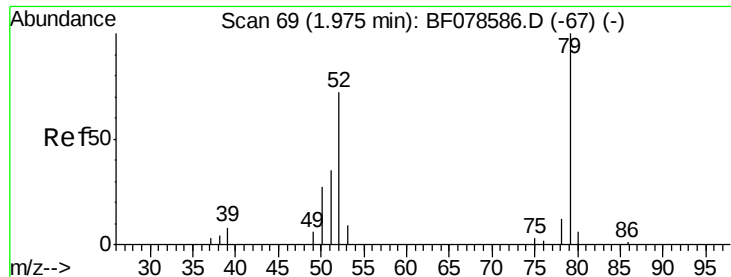


#2

1,4-Dioxane
Concen: 39.02 ng
RT: 1.31 min Scan# 11
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion: 88 Resp: 22972
Ion Ratio Lower Upper
88 100
58 67.3 56.9 85.3
43 27.8 21.4 32.2





#3

Pvridine

Concen: 43.03 ng

RT: 1.80 min Scan# 54

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :

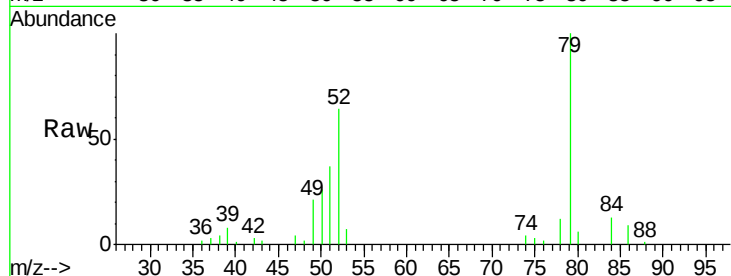
Tot Ion: 79 Resp: 66355

Ion Ratio Lower Upper

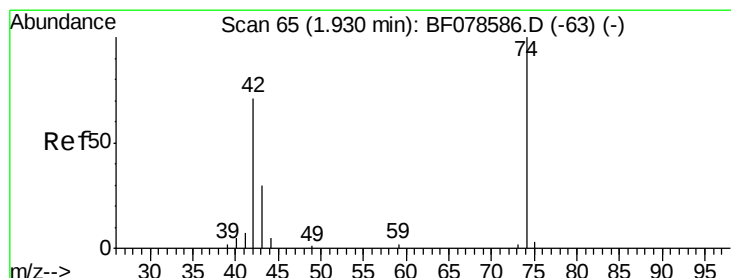
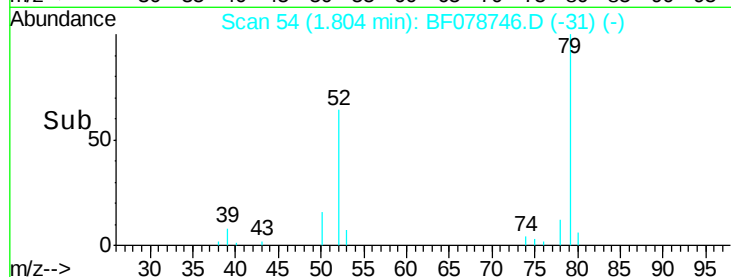
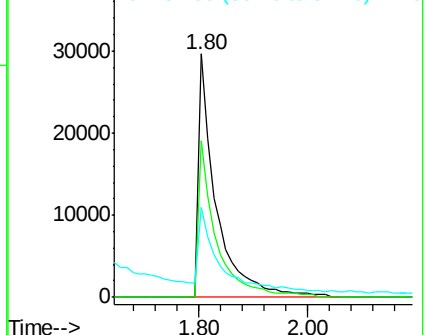
79 100

52 64.1 52.4 78.6

51 36.8 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.54 ng

RT: 1.76 min Scan# 50

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

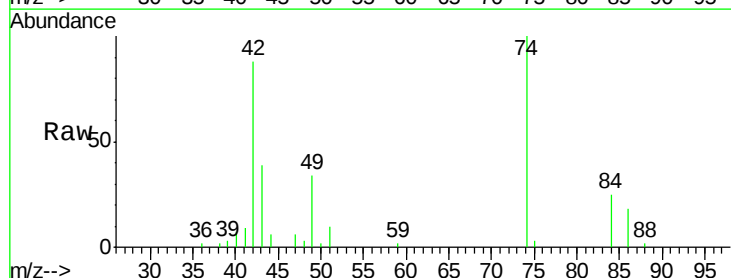
Tgt Ion: 42 Resp: 28817

Ion Ratio Lower Upper

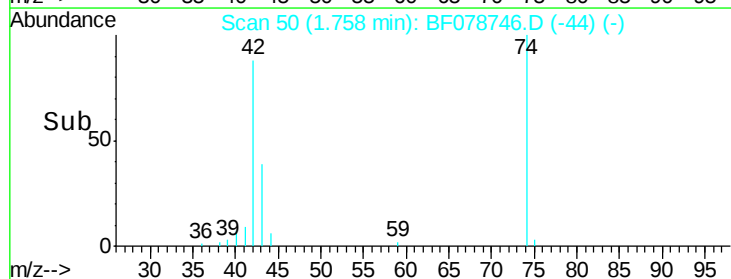
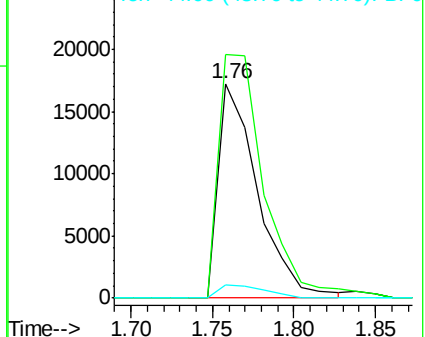
42 100

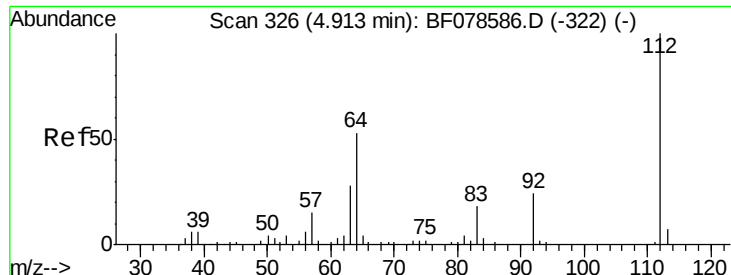
74 113.5 118.7 178.1#

44 6.4 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.62 ng

RT: 3.77 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampled :

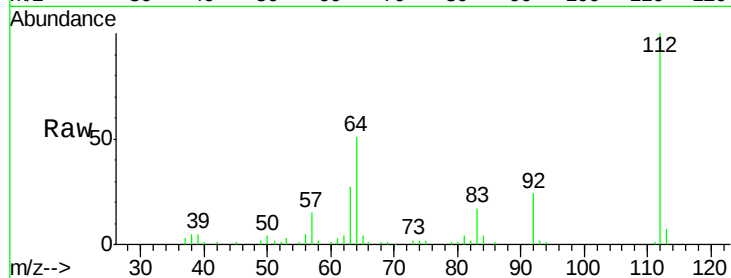
Tot Ion:112 Resp: 101060

Ion Ratio Lower Upper

112 100

64 51.2 39.9 59.9

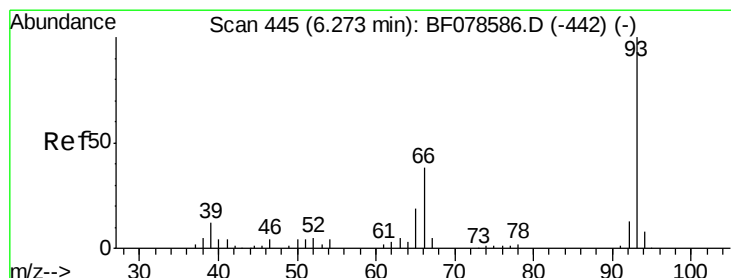
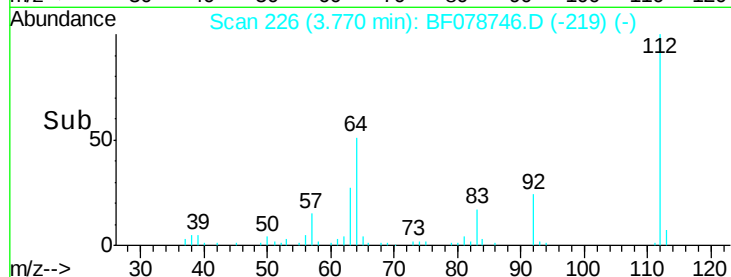
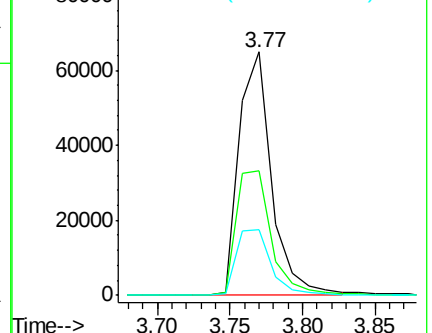
63 26.9 20.2 30.4



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: 40.55 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

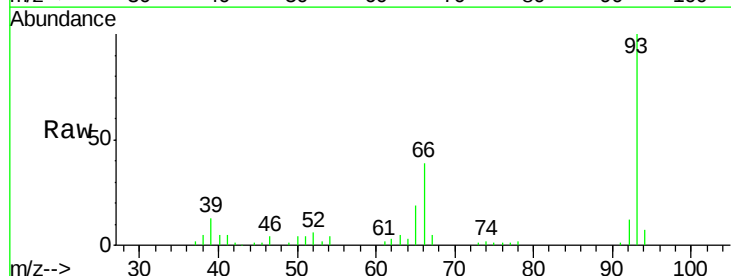
Tgt Ion: 93 Resp: 93835

Ion Ratio Lower Upper

93 100

66 38.7 38.0 57.0

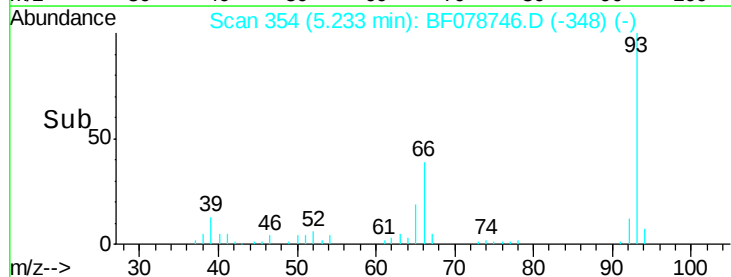
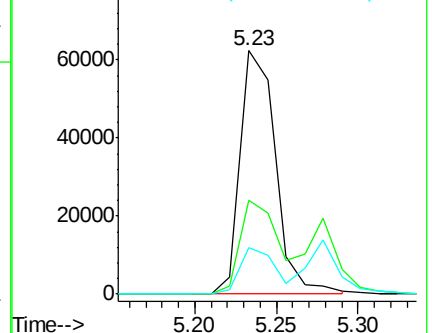
65 19.3 16.3 24.5

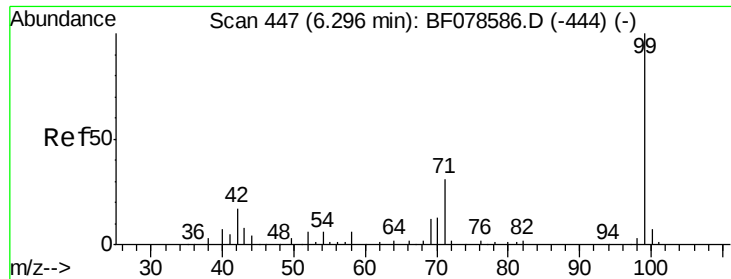


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.16 ng

RT: 5.26 min Scan# 356

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

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ClientSampleId :

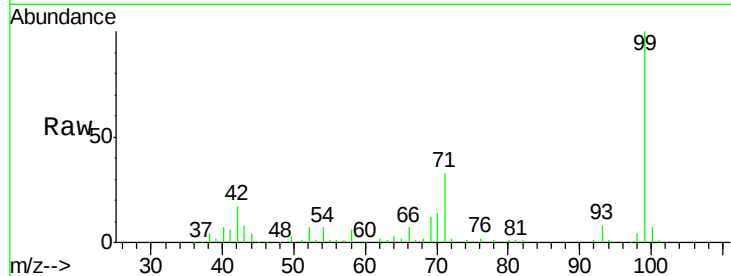
Tot Ion: 99 Resp: 130792

Ion Ratio Lower Upper

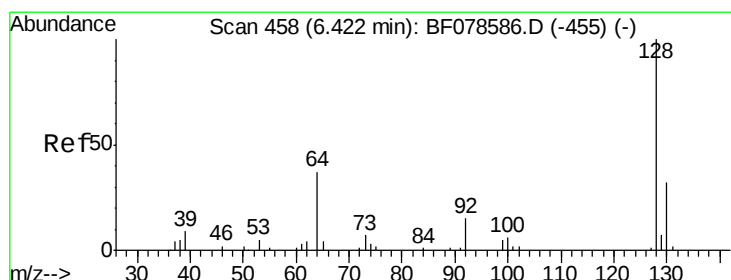
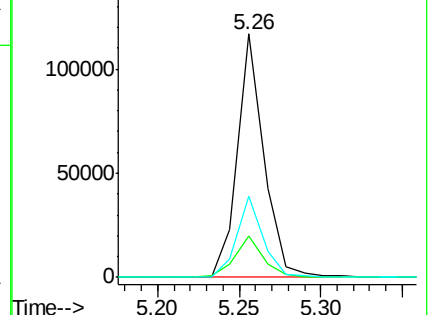
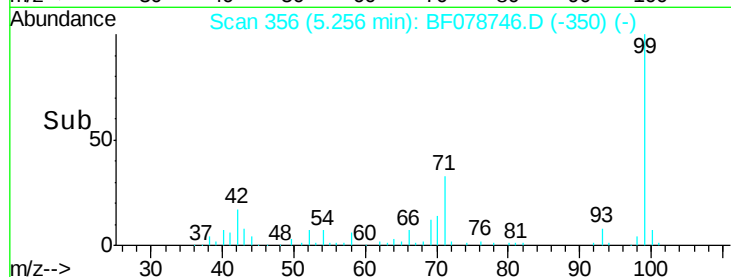
99 100

42 16.8 14.8 22.2

71 33.1 26.6 39.8



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



#8

2-Chlorophenol

Concen: 39.26 ng

RT: 5.42 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

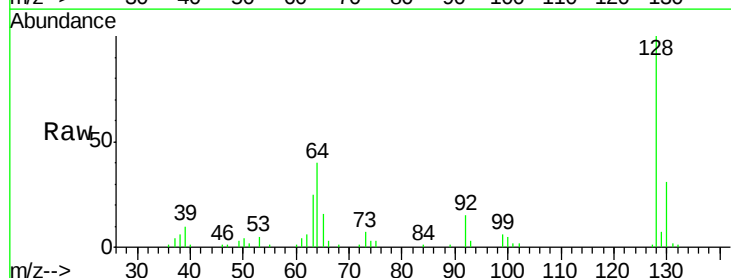
Tgt Ion: 128 Resp: 60434

Ion Ratio Lower Upper

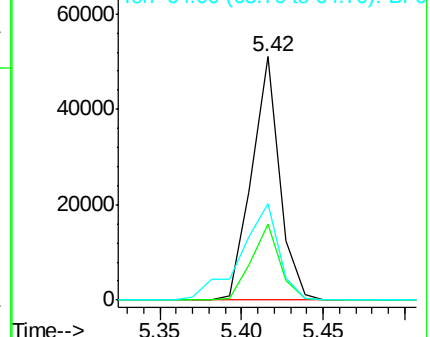
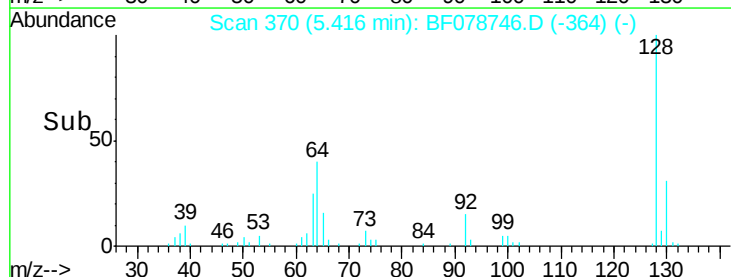
128 100

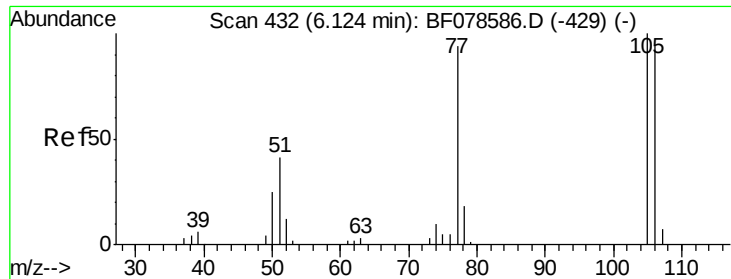
130 31.1 12.3 52.3

64 39.8 23.8 63.8



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

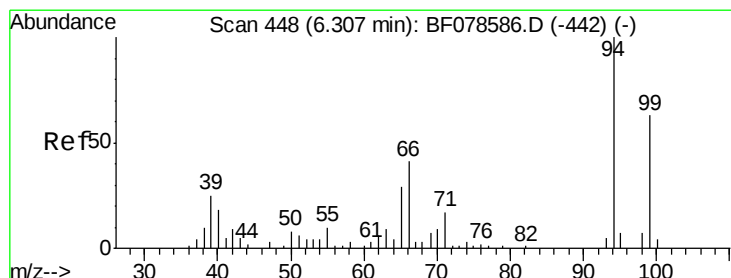
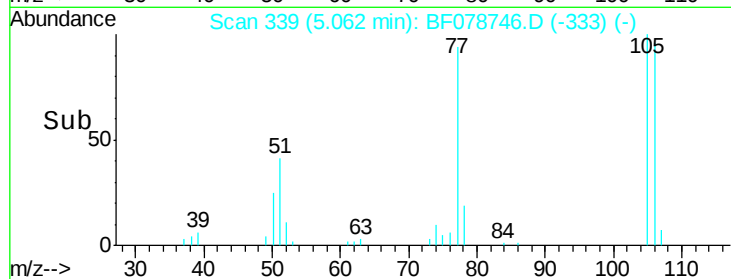
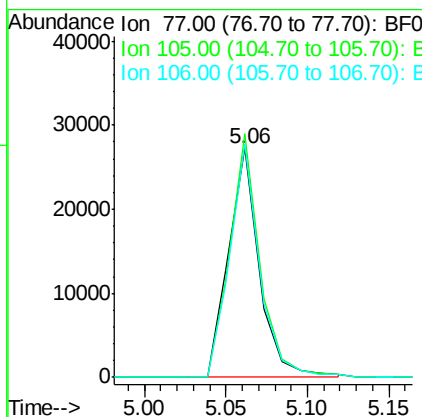
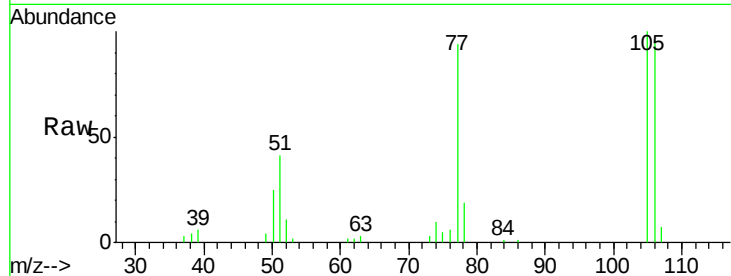




#9
Benzaldehyde
Concen: 32.70 ng
RT: 5.06 min Scan# 339
Delta R.T. -0.03 min
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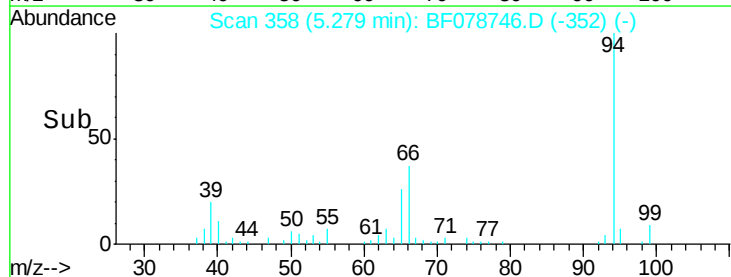
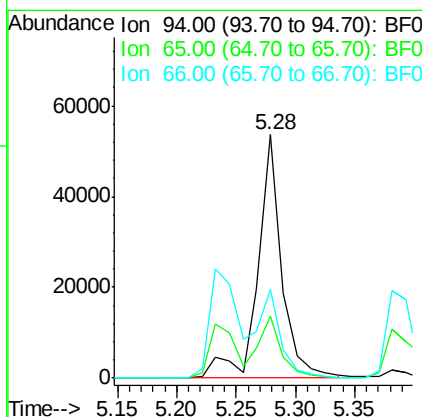
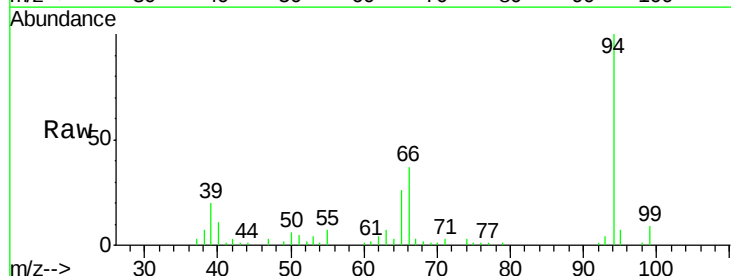
Instrument :
BNA_F
ClientSampleId :

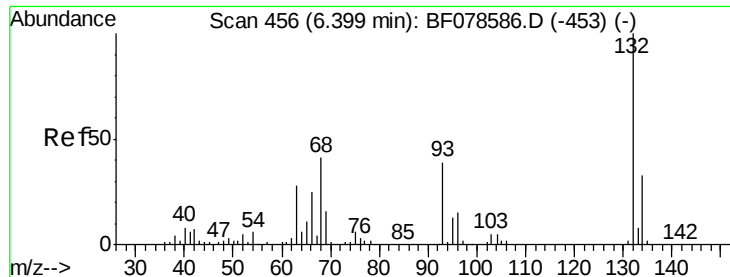
Tot Ion: 77 Resp: 35362
Ion Ratio Lower Upper
77 100
105 106.1 85.4 125.4
106 101.5 80.8 120.8



#10
Phenol
Concen: 38.82 ng
RT: 5.28 min Scan# 358
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion: 94 Resp: 75895
Ion Ratio Lower Upper
94 100
65 25.6 4.9 44.9
66 36.6 13.8 53.8

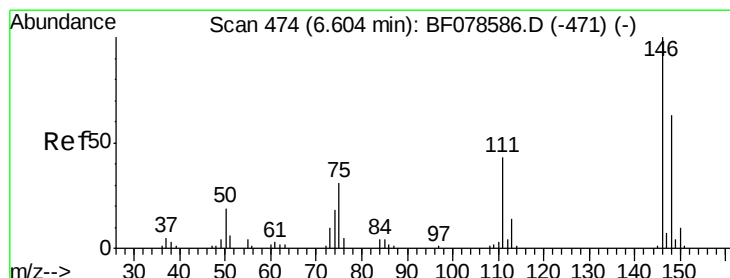
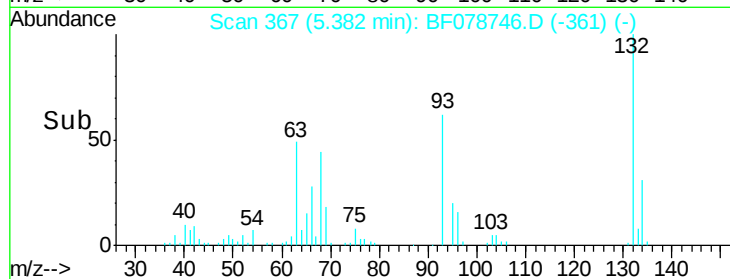
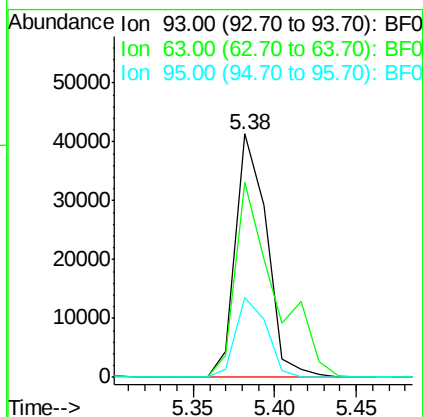
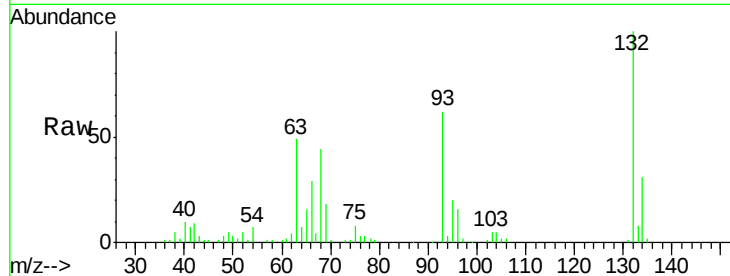




#11
 bis(2-Chloroethyl)ether
 Concen: 38.97 ng
 RT: 5.38 min Scan# 367
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

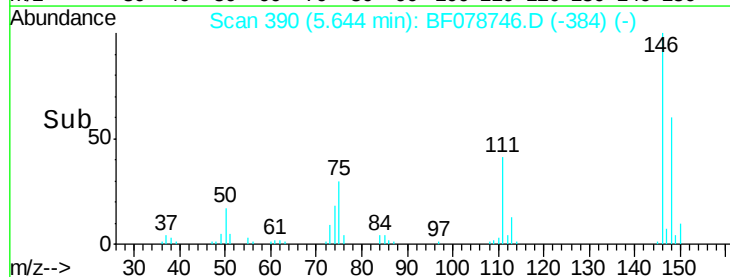
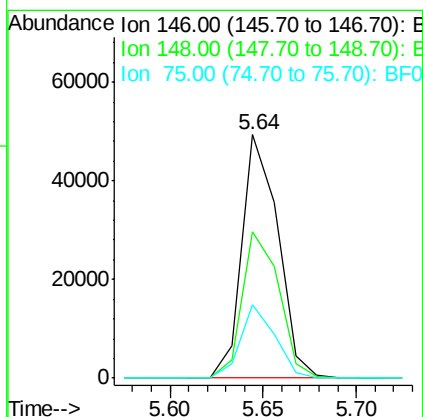
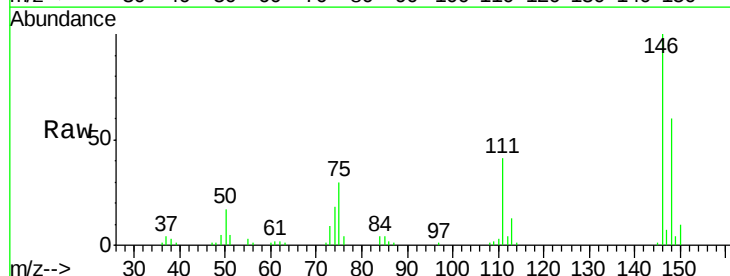
Instrument :
 BNA_F
 ClientSampleId :

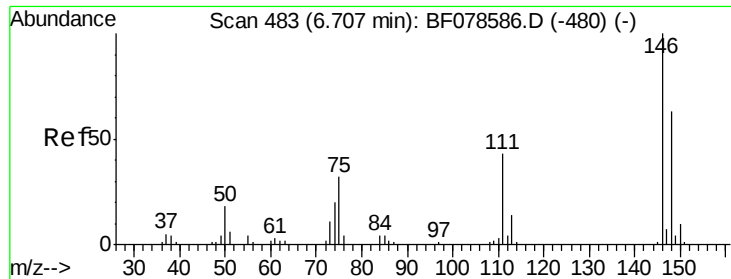
Tot Ion: 93 Resp: 54788
 Ion Ratio Lower Upper
 93 100
 63 79.9 54.6 94.6
 95 32.9 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 39.23 ng
 RT: 5.64 min Scan# 390
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion: 146 Resp: 66341
 Ion Ratio Lower Upper
 146 100
 148 60.2 49.1 73.7
 75 30.1 26.6 40.0

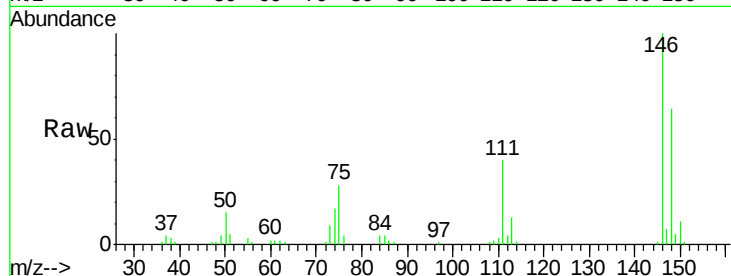




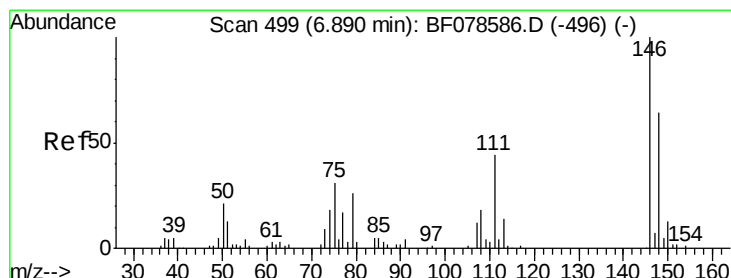
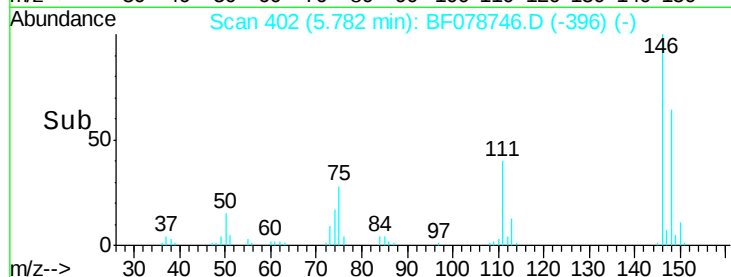
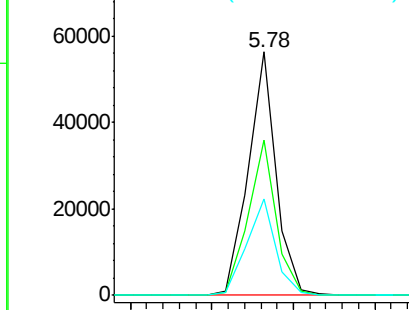
#13
 1,4-Dichlorobenzene
 Concen: 39.25 ng
 RT: 5.78 min Scan# 402
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 66817
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 39.5 35.0 52.4

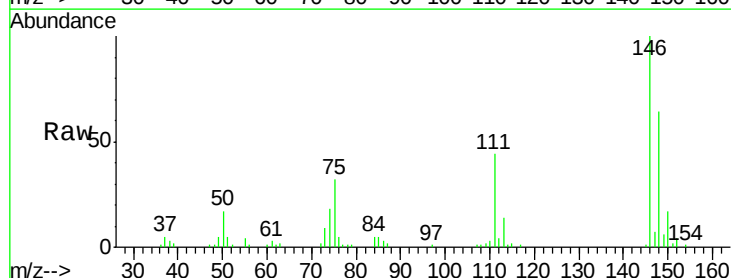


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

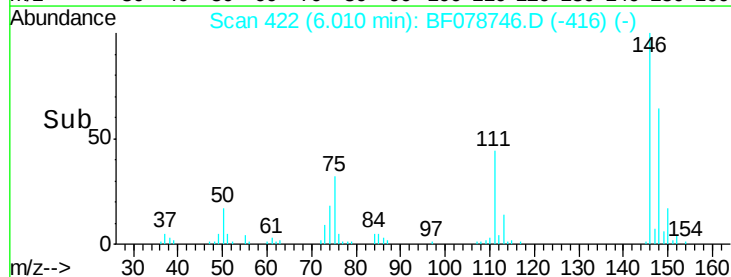
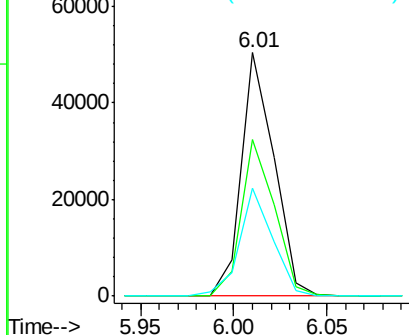


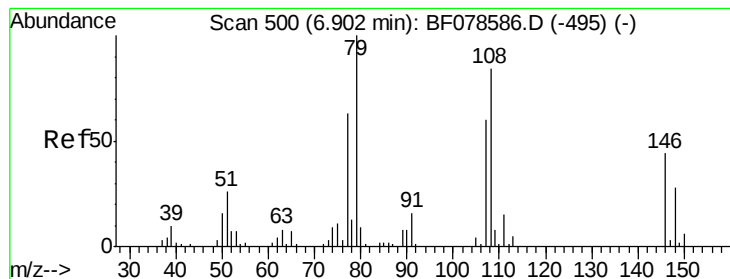
#14
 1,2-Dichlorobenzene
 Concen: 38.66 ng
 RT: 6.01 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:146 Resp: 61707
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.2 75.4
 111 44.5 36.1 54.1



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: 44.16 ng

RT: 6.03 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampled :

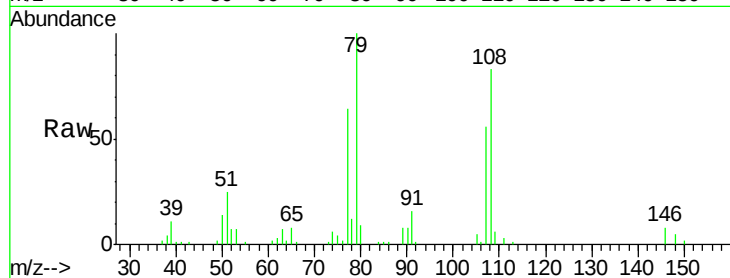
Tot Ion: 79 Resp: 50637

Ion Ratio Lower Upper

79 100

108 83.4 57.6 86.4

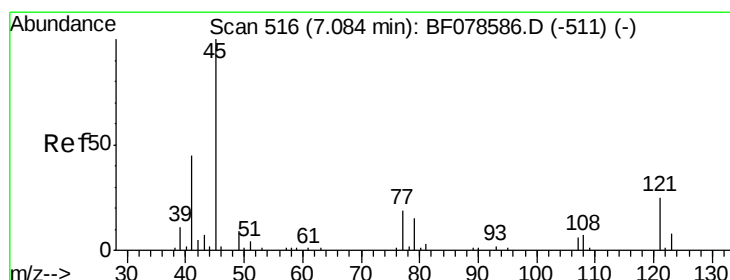
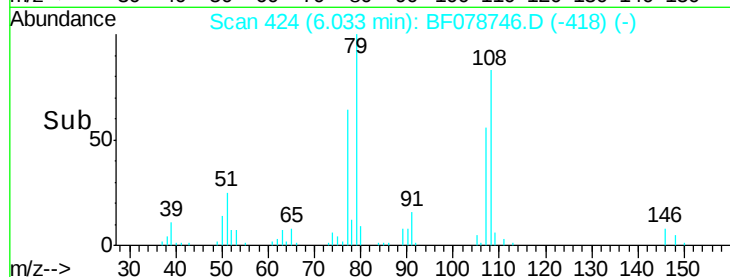
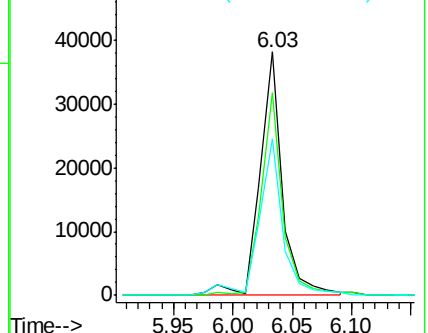
77 64.2 53.5 80.3



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: 37.44 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

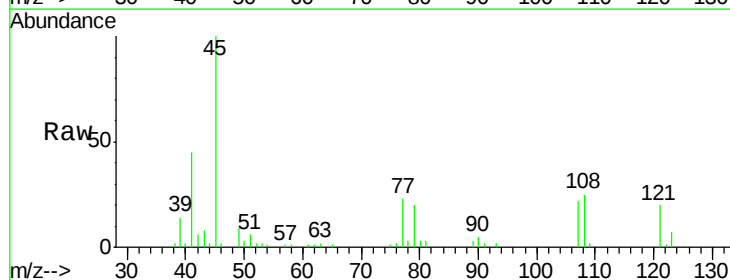
Tgt Ion: 45 Resp: 70207

Ion Ratio Lower Upper

45 100

77 22.9 0.0 34.5

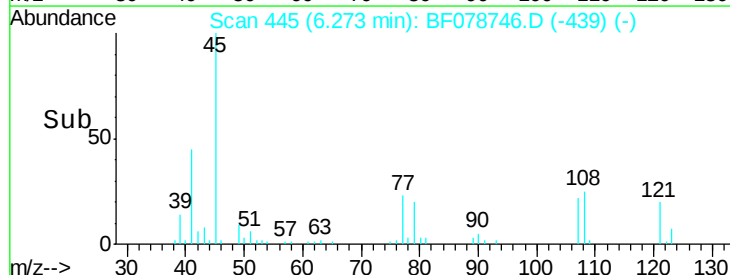
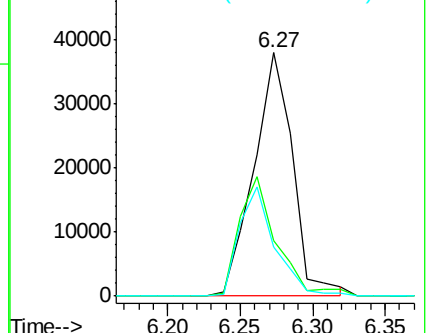
79 19.9 0.0 31.9

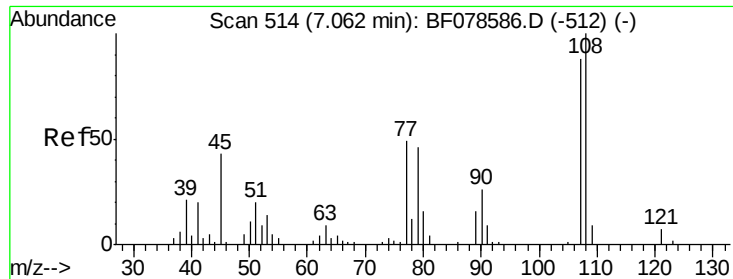


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

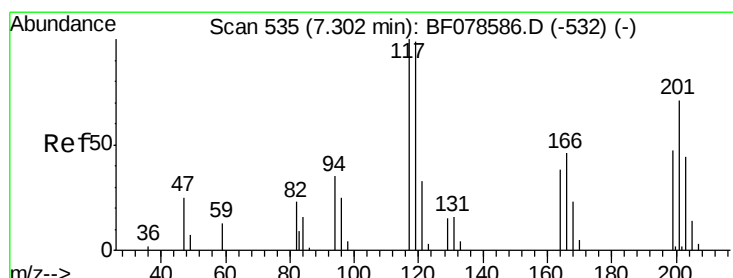
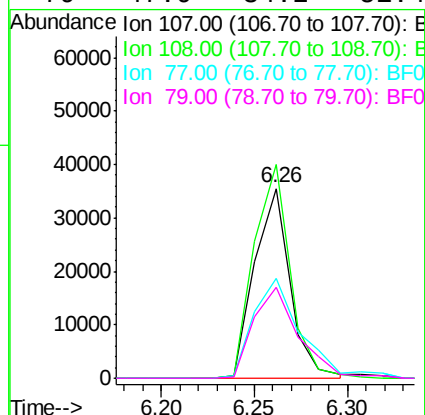
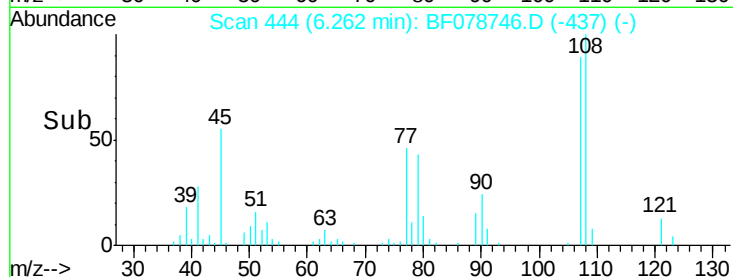
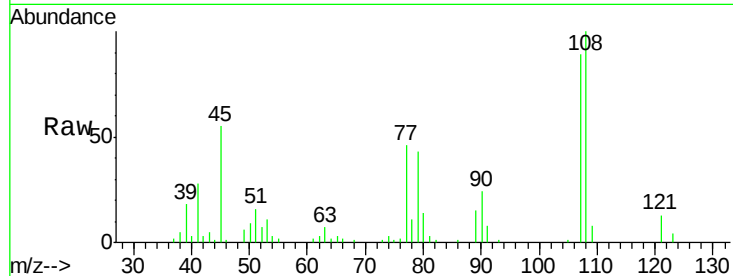




#17
2-Methylphenol
Concen: 39.32 ng
RT: 6.26 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

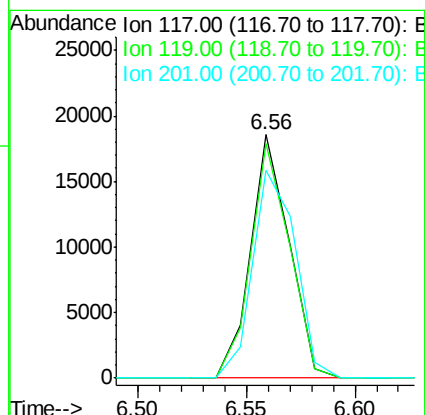
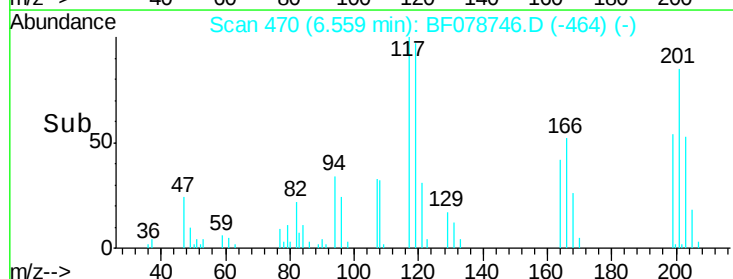
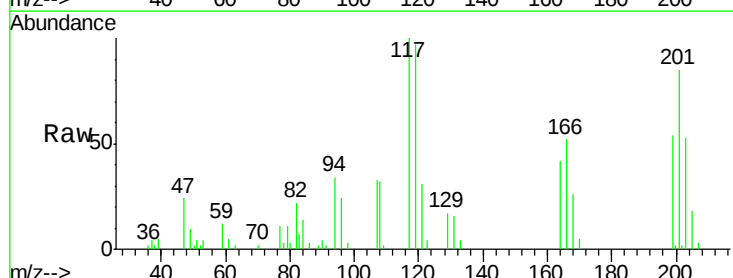
Instrument :
BNA_F
ClientSampleId :

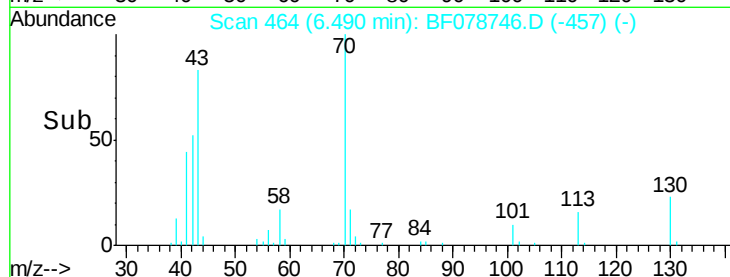
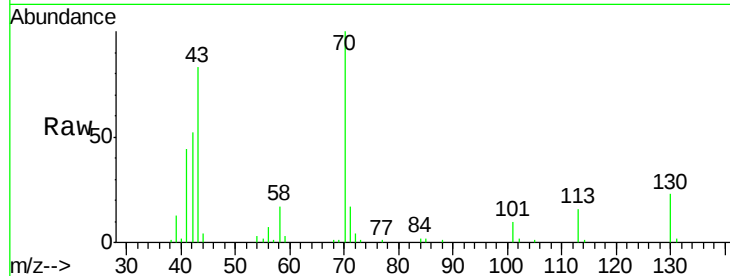
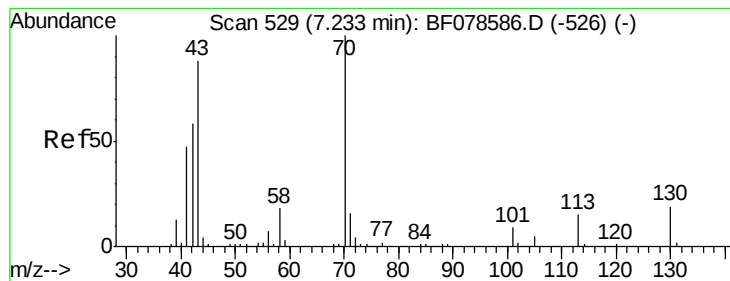
Tot Ion:107 Resp: 47001
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 52.3 35.5 53.3
79 47.9 34.2 51.4



#18
Hexachloroethane
Concen: 39.87 ng
RT: 6.56 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:117 Resp: 22888
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.6
201 85.2 98.1 147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 42.46 ng

RT: 6.49 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 45706

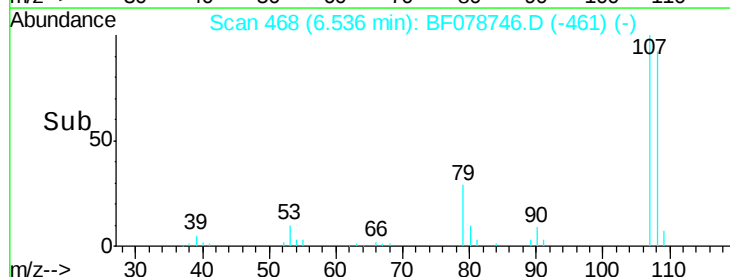
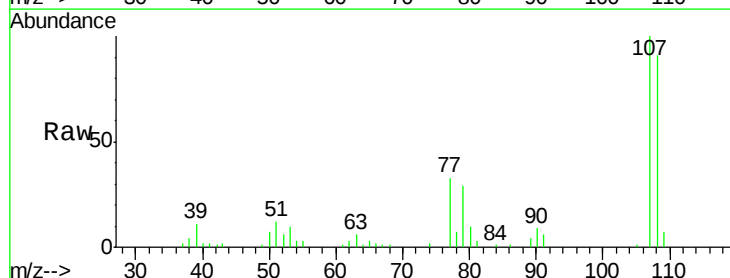
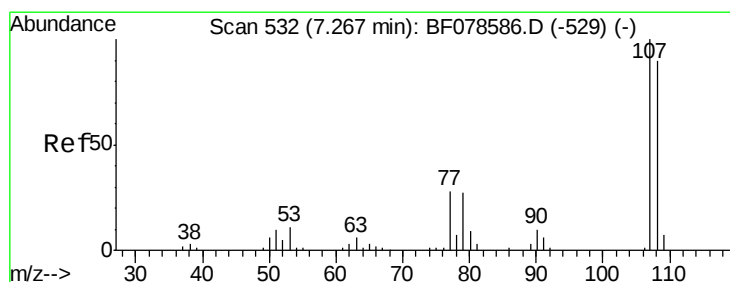
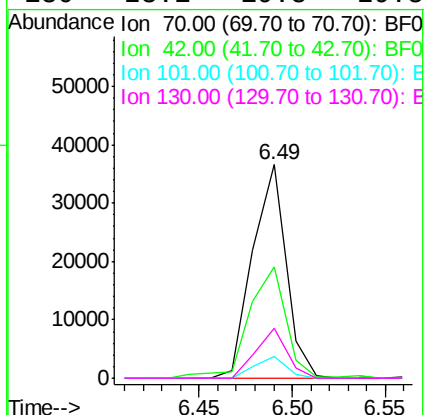
Ion Ratio Lower Upper

70 100

42 52.0 38.9 58.3

101 10.0 8.3 12.5

130 23.1 19.8 29.8



#20

3+4-Methylphenols

Concen: 39.34 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Tgt Ion: 107 Resp: 62720

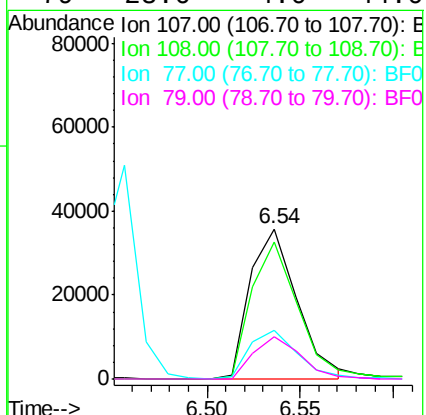
Ion Ratio Lower Upper

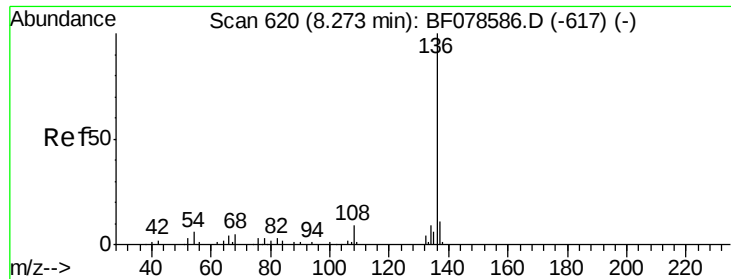
107 100

108 91.0 64.4 104.4

77 32.8 9.7 49.7

79 28.6 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 588

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 94496

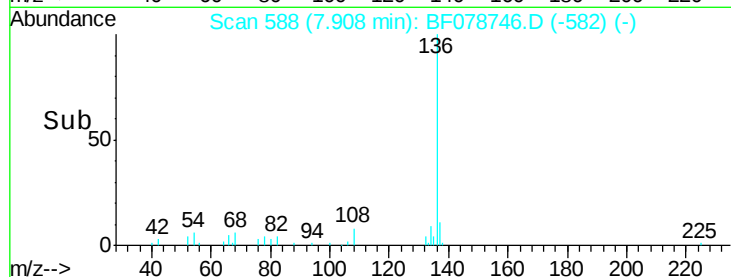
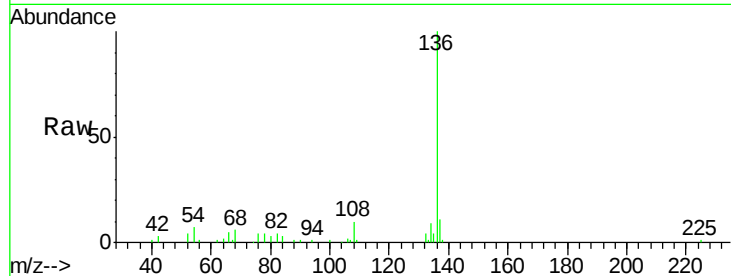
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 7.0 10.6

68 6.0 5.4 8.2

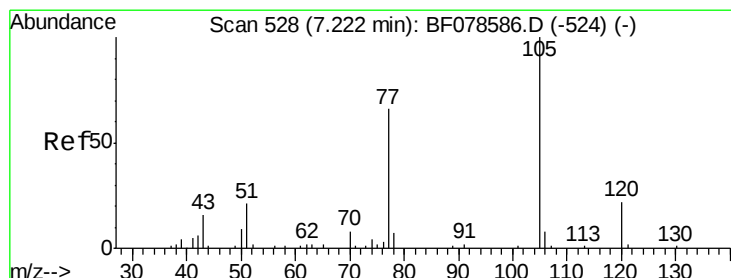
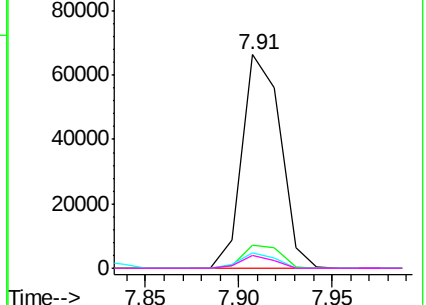


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.34 ng

RT: 6.46 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Tgt Ion:105 Resp: 86608

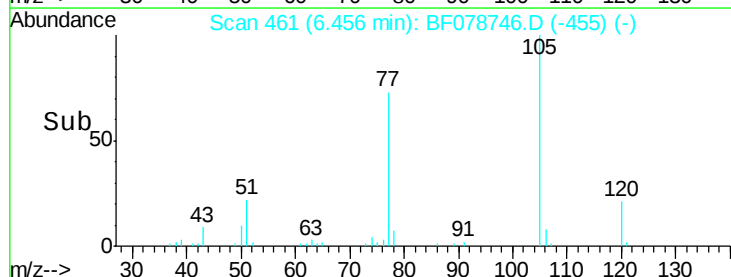
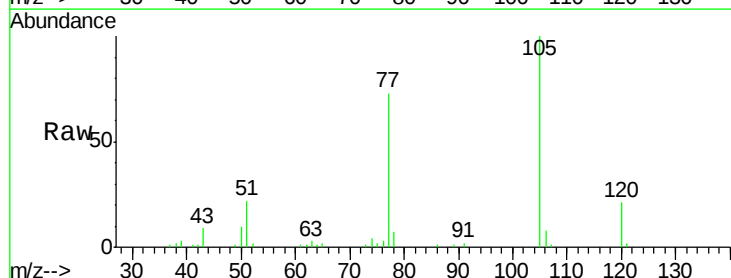
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 22.3 16.0 24.0

120 21.2 17.8 26.6

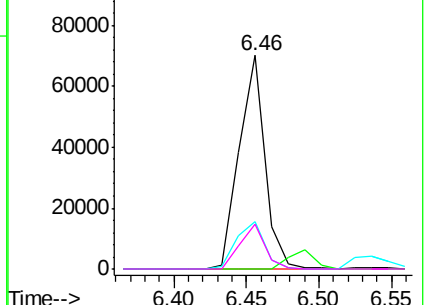


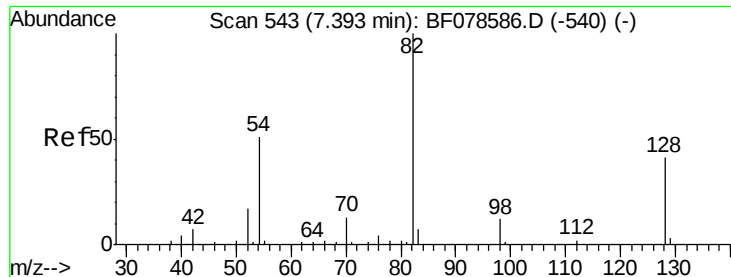
Abundance Ion 105.00 (104.70 to 105.70): E

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

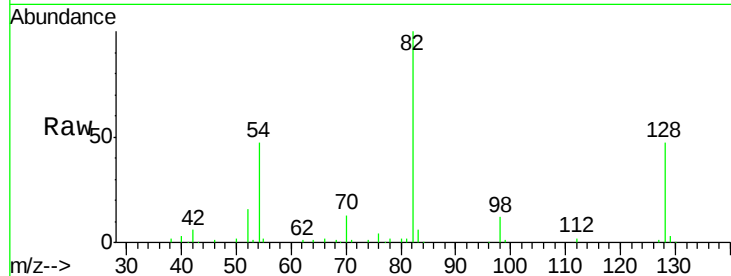




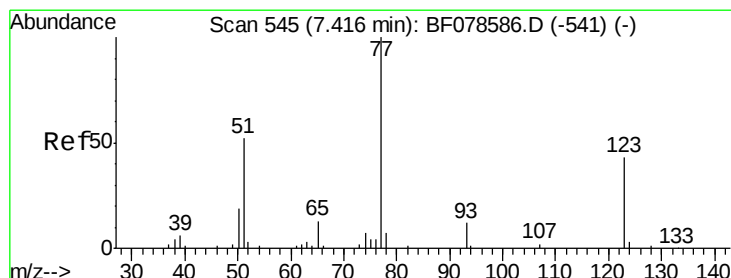
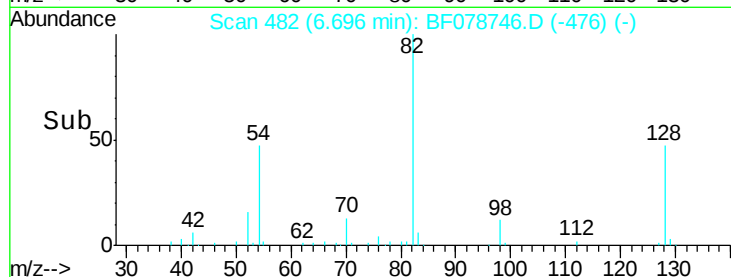
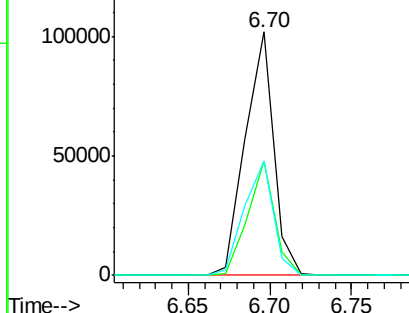
#23
 Nitrobenzene-d5
 Concen: 78.89 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	122992
Ion Ratio	Lower	Upper	
82	100		
128	46.9	31.8	47.8
54	47.2	41.5	62.3

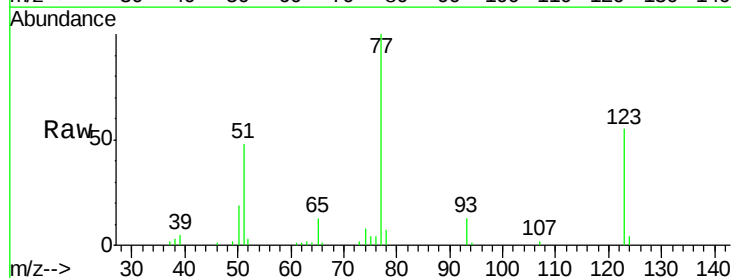


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

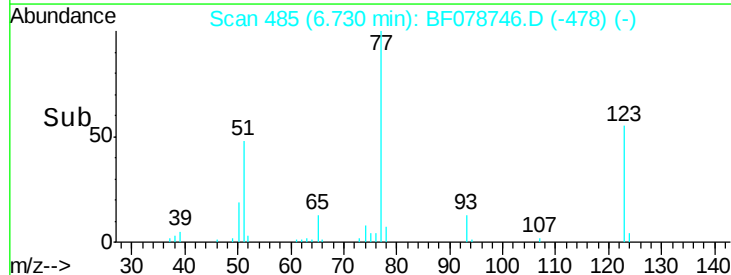
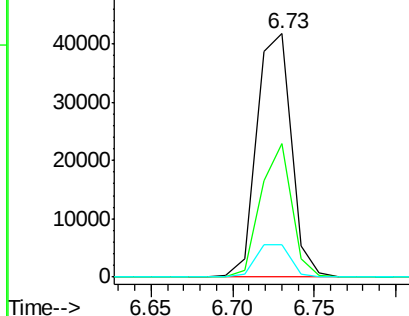


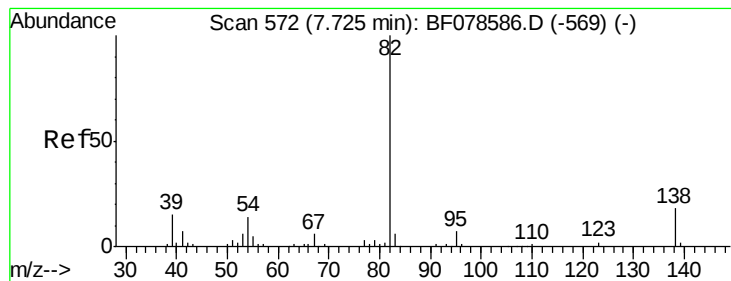
#24
 Nitrobenzene
 Concen: 37.83 ng
 RT: 6.73 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion	77	Resp	61650
Ion Ratio	Lower	Upper	
77	100		
123	54.7	46.9	70.3
65	13.5	9.5	14.3



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





#25

Isophorone

Concen: 40.84 ng

RT: 7.15 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

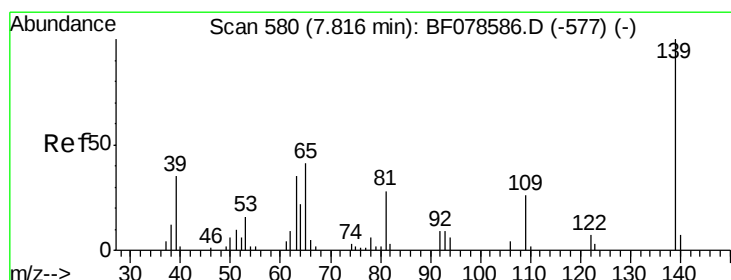
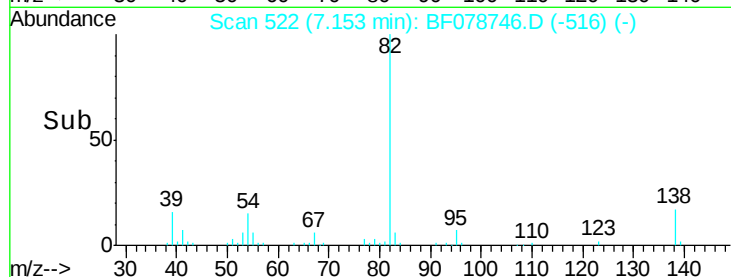
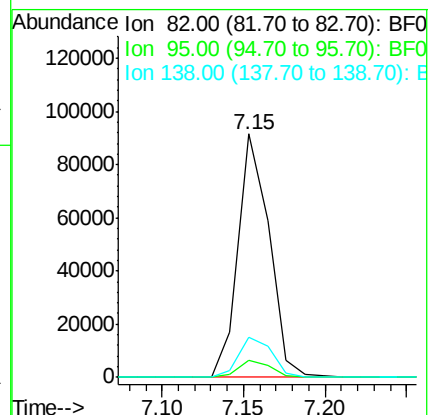
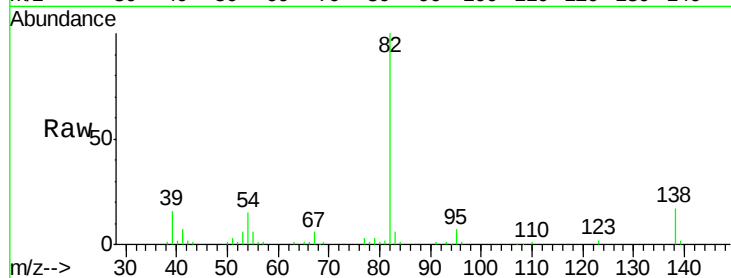
Tot Ion: 82 Resp: 120850

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 16.7 15.8 23.8



#26

2-Nitrophenol

Concen: 39.61 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

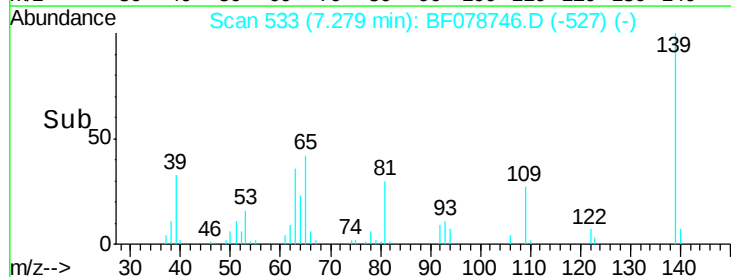
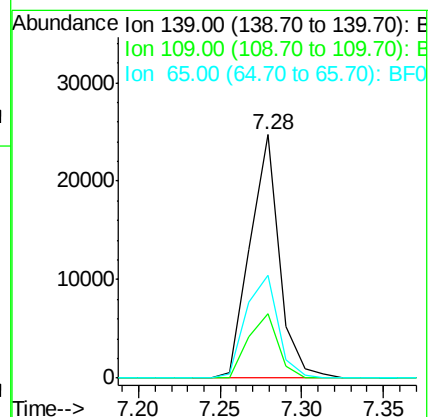
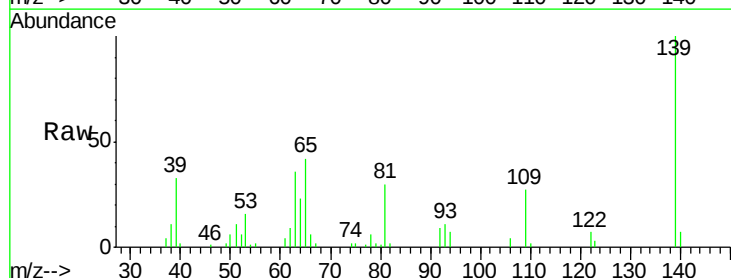
Tgt Ion: 139 Resp: 30765

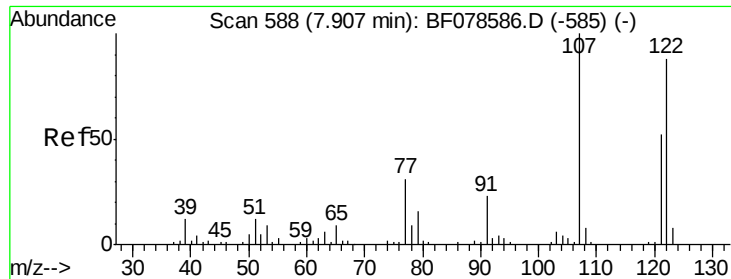
Ion Ratio Lower Upper

139 100

109 26.6 19.8 29.8

65 42.1 32.7 49.1

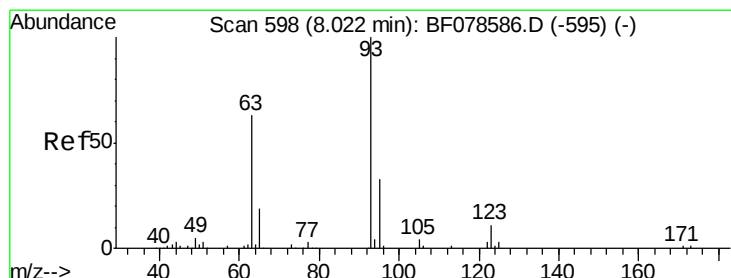
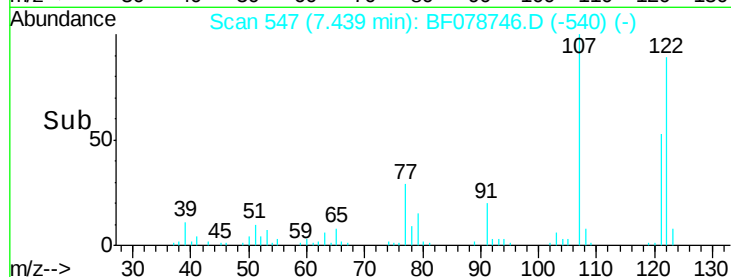
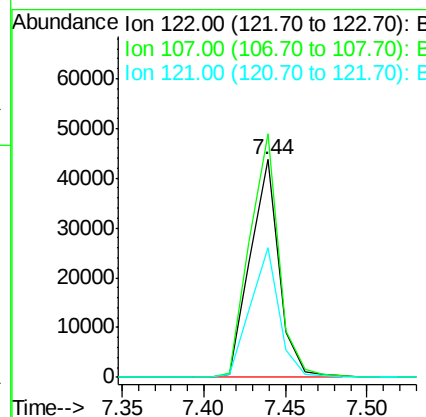
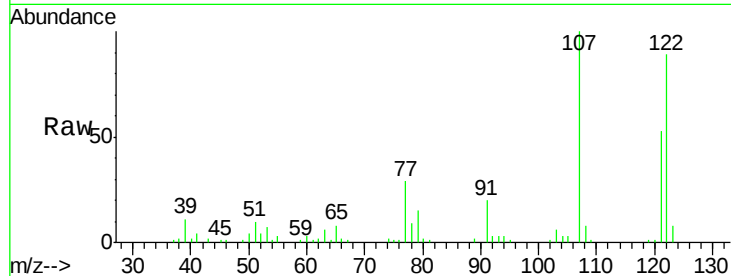




#27
 2,4-Dimethylphenol
 Concen: 37.13 ng
 RT: 7.44 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

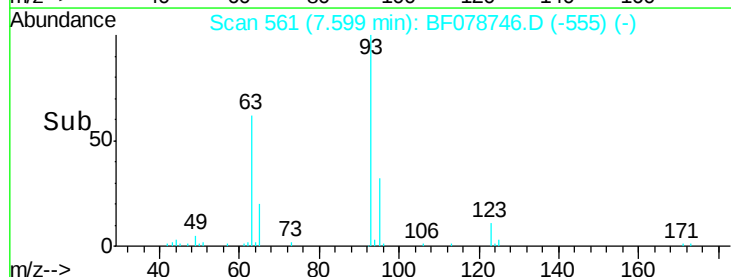
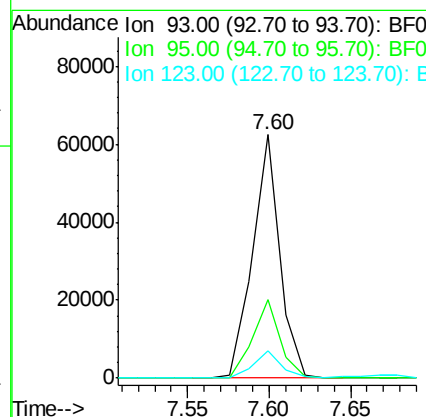
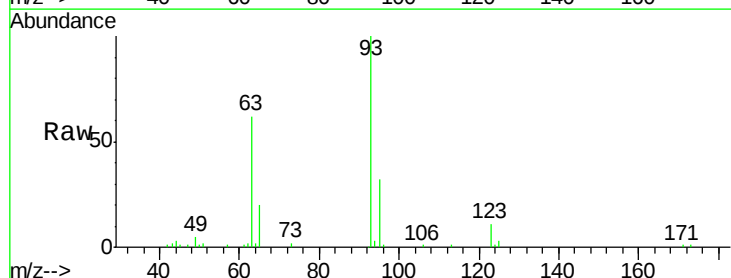
Instrument :
 BNA_F
 ClientSampleId :

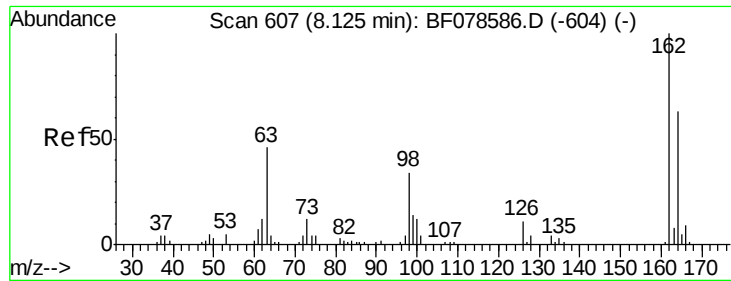
Tot Ion:122 Resp: 53619
 Ion Ratio Lower Upper
 122 100
 107 111.8 84.6 127.0
 121 59.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.95 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion: 93 Resp: 72002
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.1 9.1 13.7

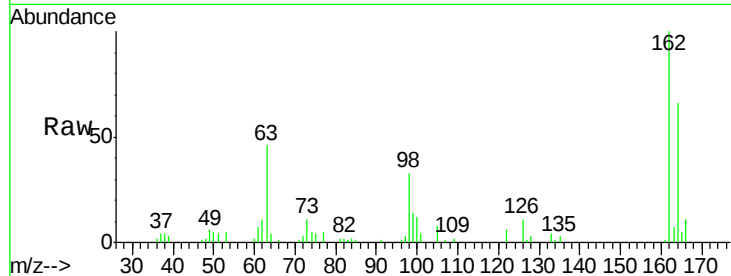




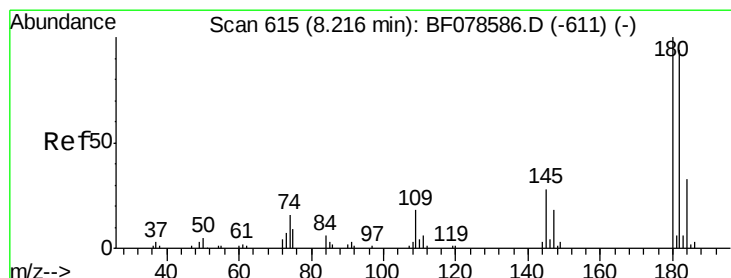
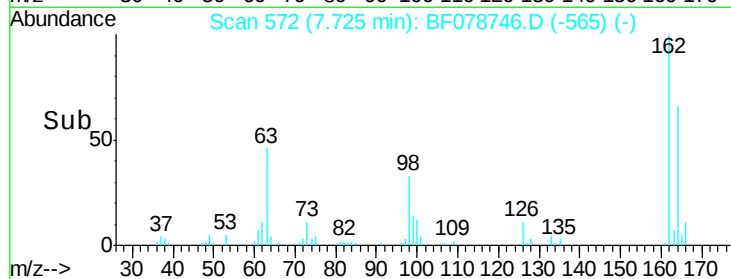
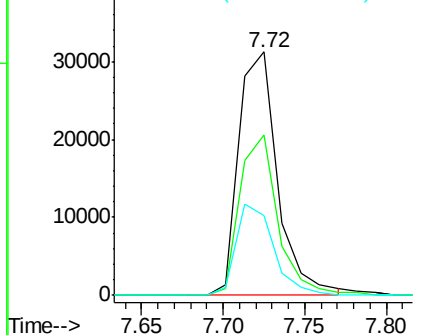
#29
 2,4-Dichlorophenol
 Concen: 39.30 ng
 RT: 7.72 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 51631
 Ion Ratio Lower Upper
 162 100
 164 65.8 47.0 87.0
 98 32.9 9.2 49.2

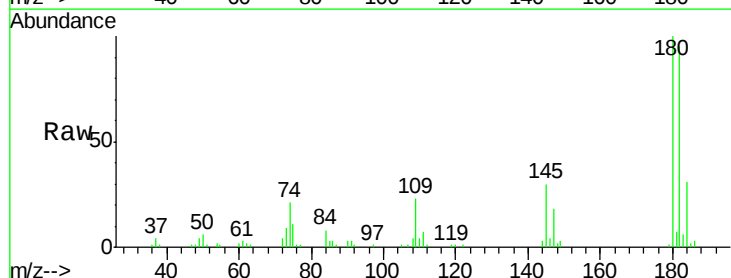


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

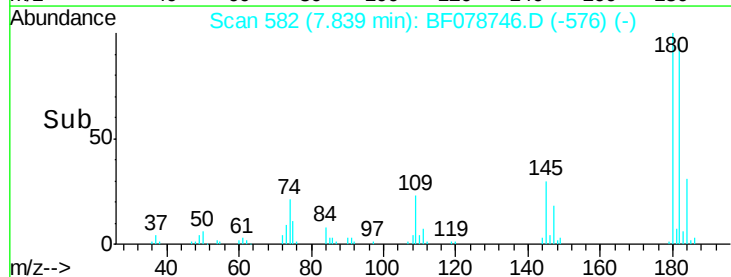
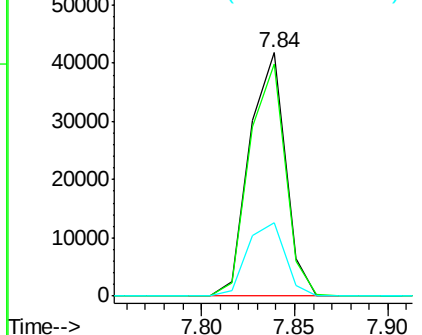


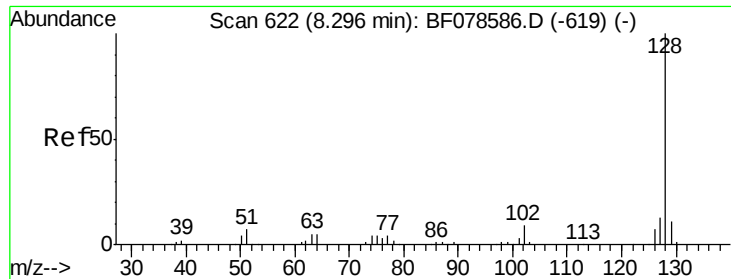
#30
 1,2,4-Trichlorobenzene
 Concen: 36.87 ng
 RT: 7.84 min Scan# 582
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:180 Resp: 55546
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.9 115.3
 145 29.9 22.5 33.7



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

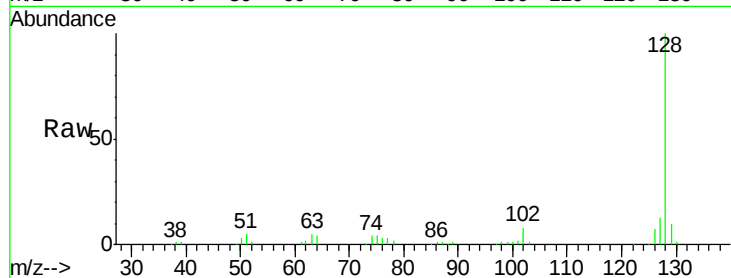




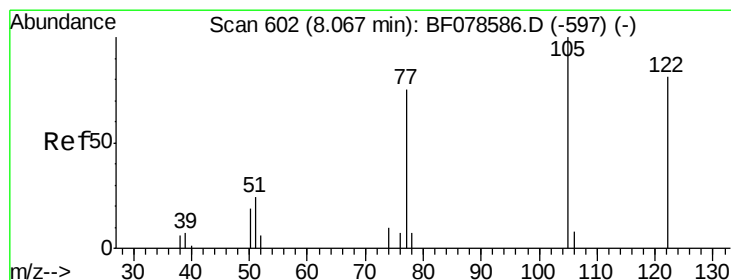
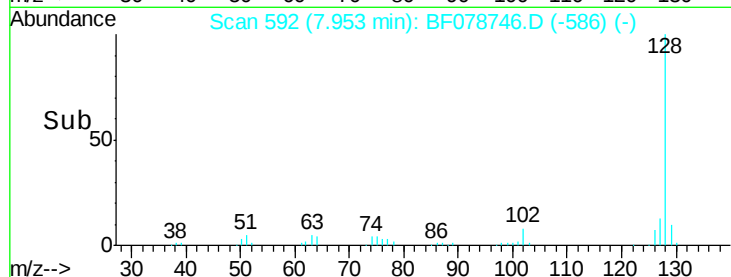
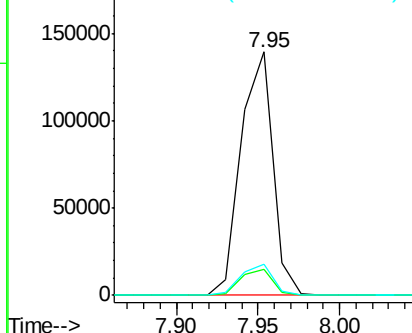
#31
Naphthalene
Concen: 38.35 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 188627
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.7 10.7 16.1

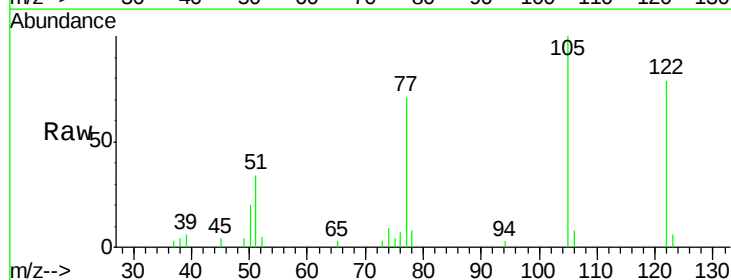


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

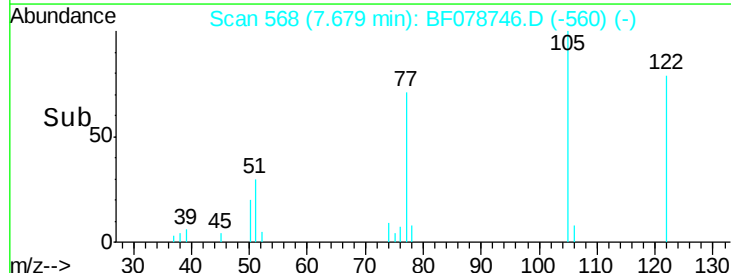
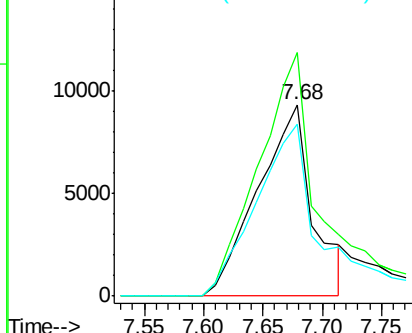


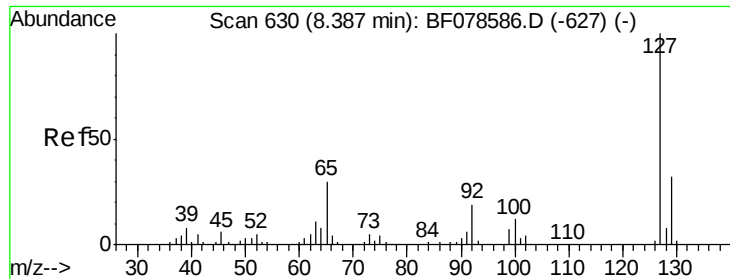
#32
Benzoic acid
Concen: 44.35 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:122 Resp: 29782
Ion Ratio Lower Upper
122 100
105 127.1 96.1 136.1
77 89.7 64.1 104.1



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

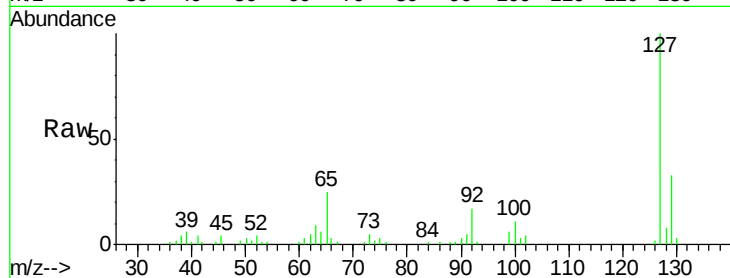




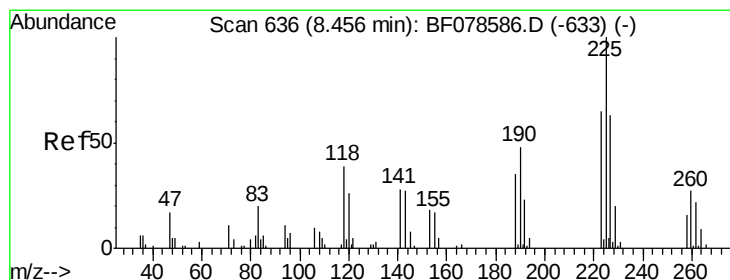
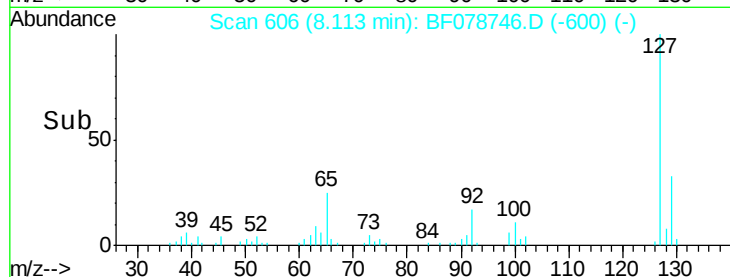
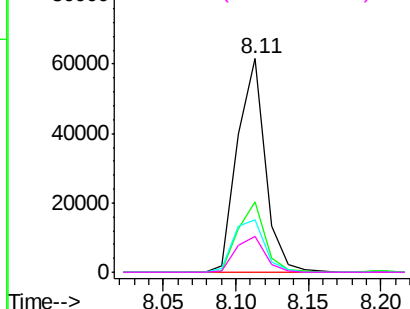
#33
 4-Chloroaniline
 Concen: 40.27 ng
 RT: 8.11 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	82190
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	24.8	21.7	32.5
92	17.1	14.6	21.8

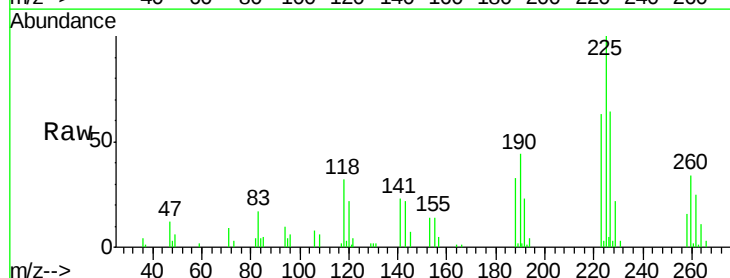


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

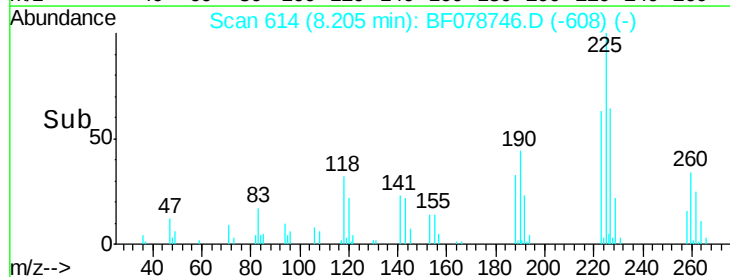
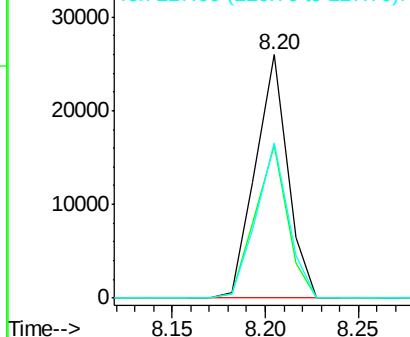


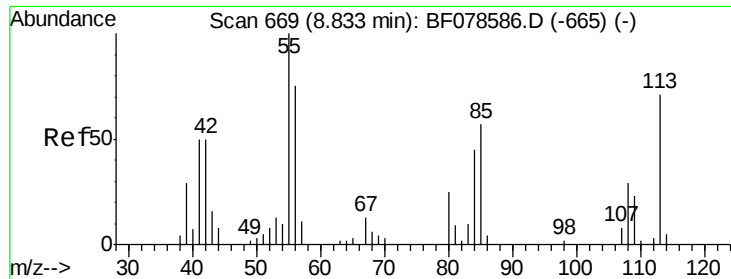
#34
 Hexachlorobutadiene
 Concen: 37.71 ng
 RT: 8.20 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:	225	Resp:	31192
Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.5	71.3
227	63.7	50.2	75.2



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

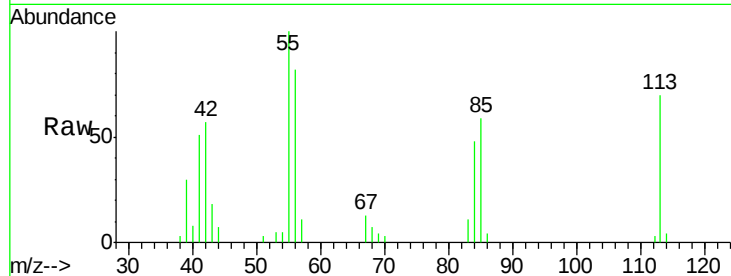




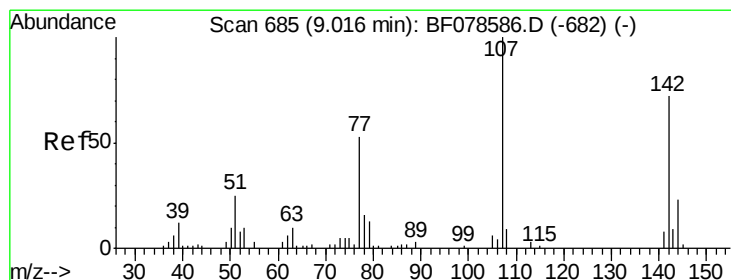
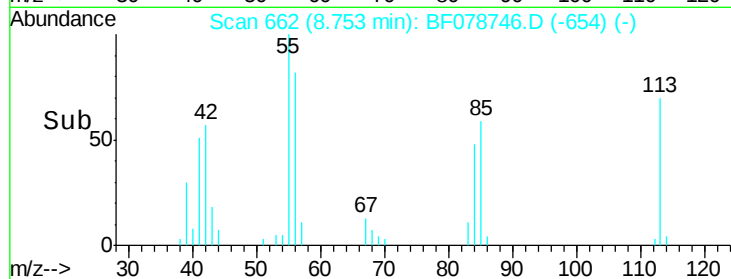
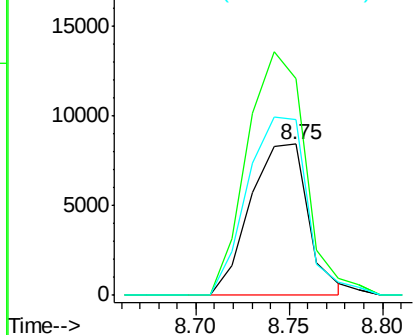
#35
 Caprolactam
 Concen: 46.62 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 18283
 Ion Ratio Lower Upper
 113 100
 55 143.0 151.9 191.9#
 56 116.7 106.1 146.1

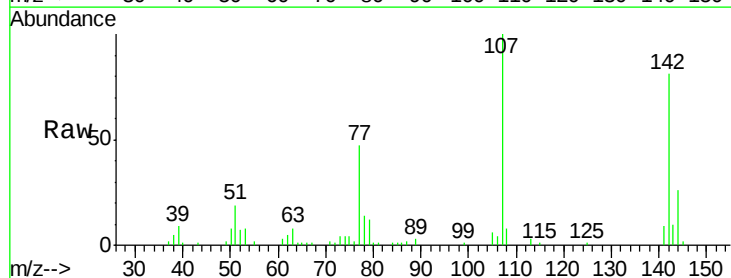


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

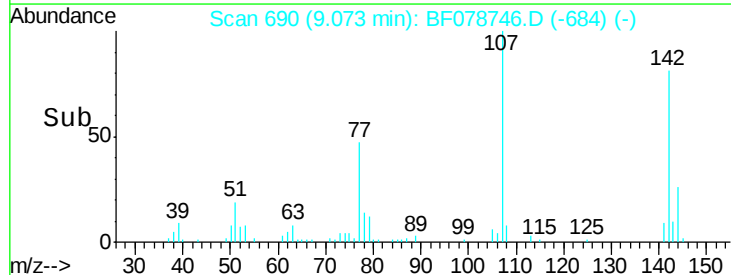
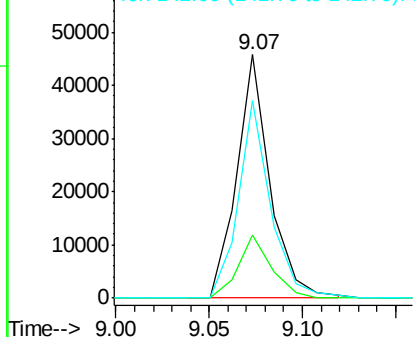


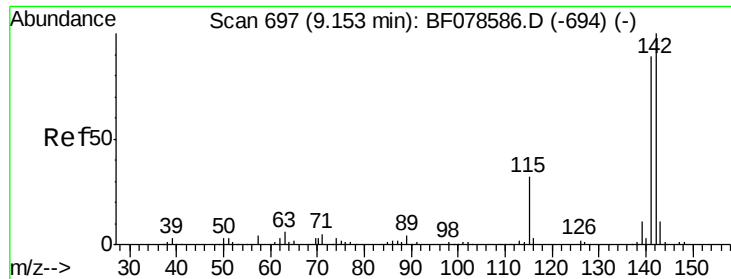
#36
 4-Chloro-3-methylphenol
 Concen: 42.72 ng
 RT: 9.07 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:107 Resp: 56627
 Ion Ratio Lower Upper
 107 100
 144 26.1 18.2 27.2
 142 81.2 58.0 87.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

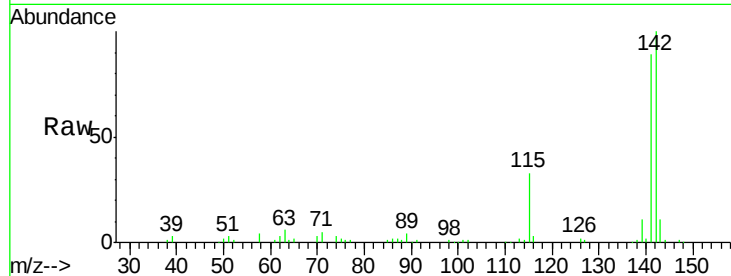




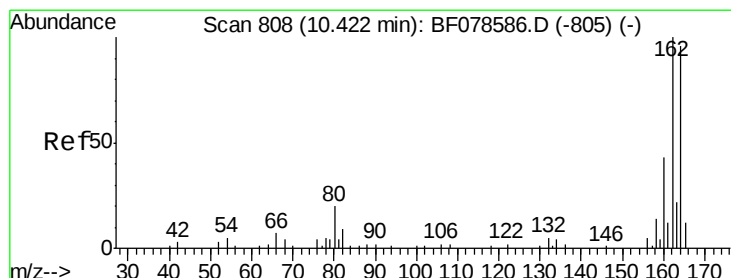
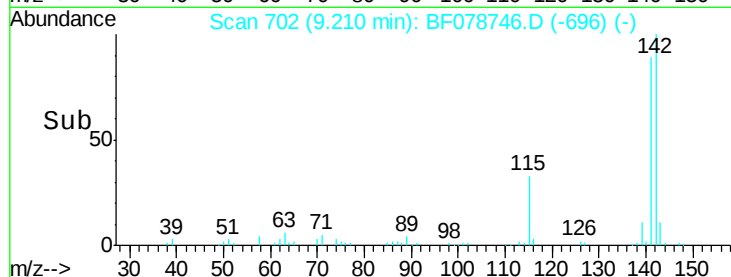
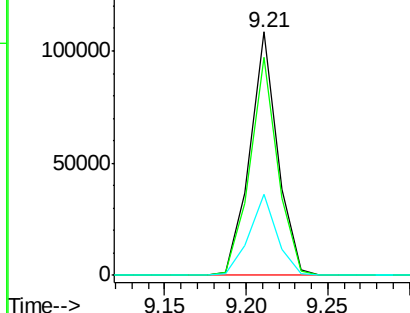
#37
 2-Methylnaphthalene
 Concen: 38.60 ng
 RT: 9.21 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	33.2	24.6	37.0

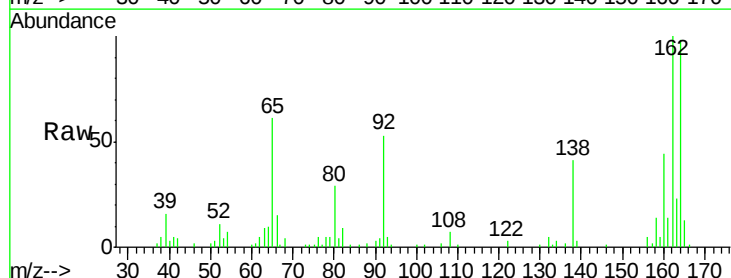


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

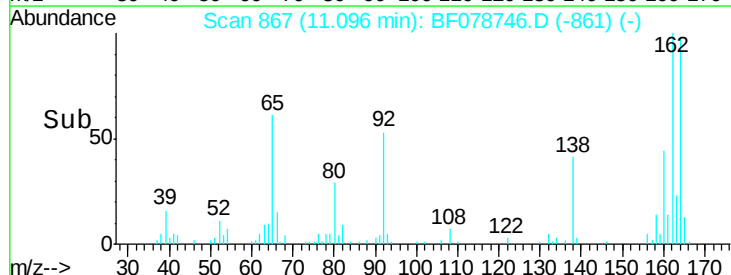
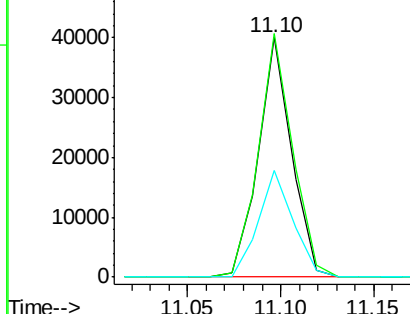


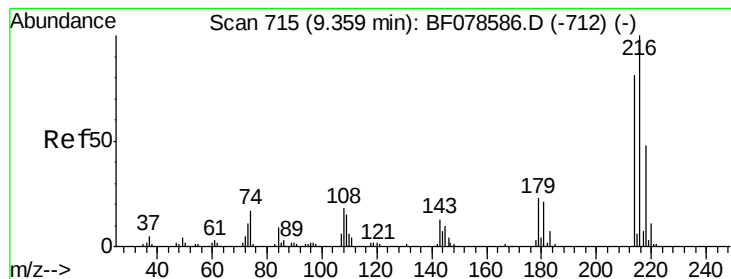
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	44.7	34.7	52.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.03 ng

RT: 9.52 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 56565

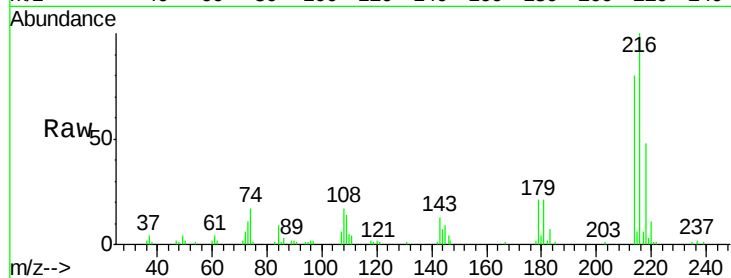
Ion Ratio Lower Upper

216 100

214 79.7 62.0 93.0

179 21.2 17.3 25.9

108 18.5 14.6 21.8

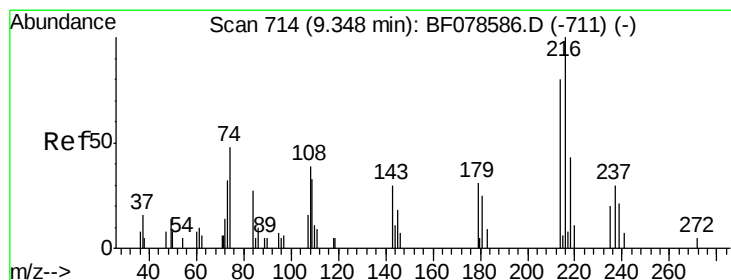
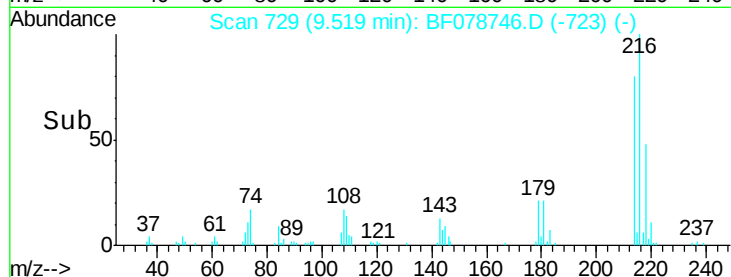
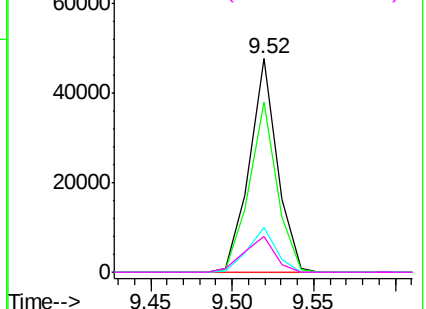


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.72 ng

RT: 9.50 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

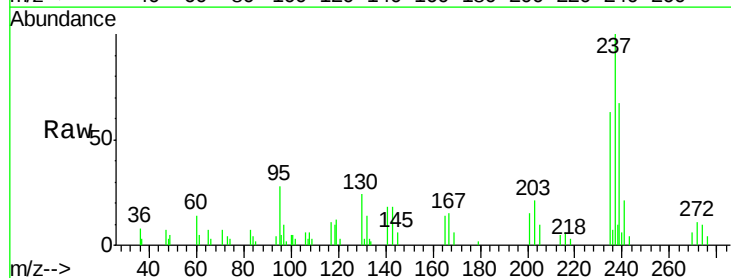
Tgt Ion:237 Resp: 19340

Ion Ratio Lower Upper

237 100

235 62.6 44.1 84.1

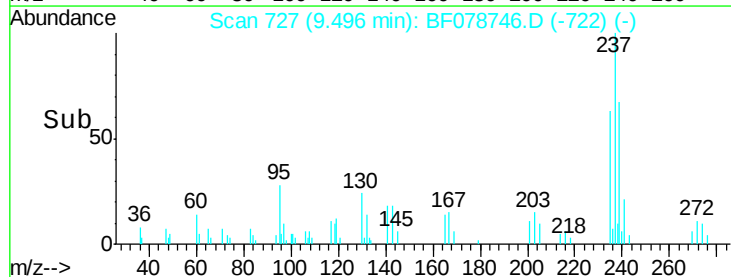
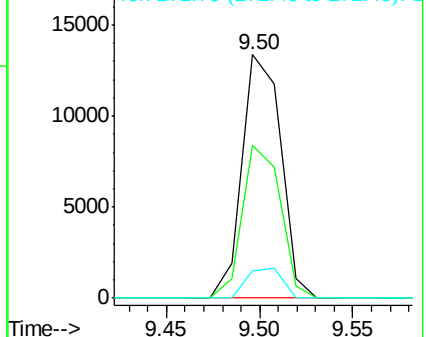
272 11.3 0.0 34.4

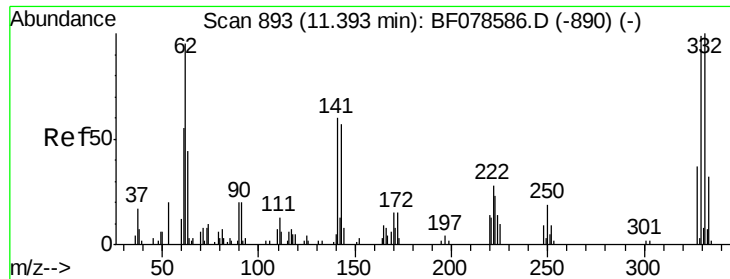


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

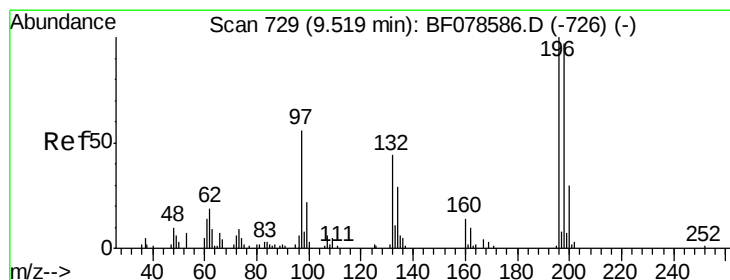
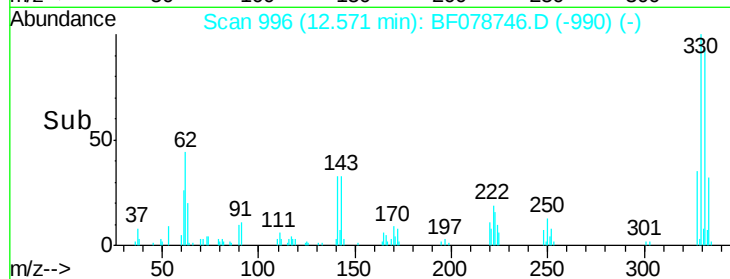
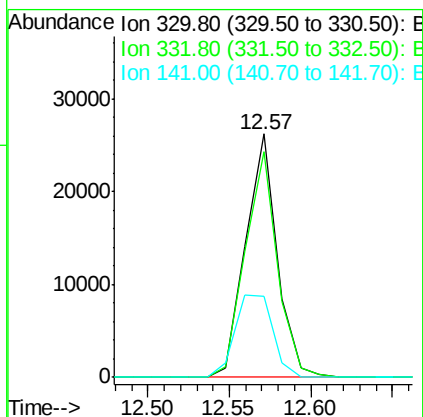
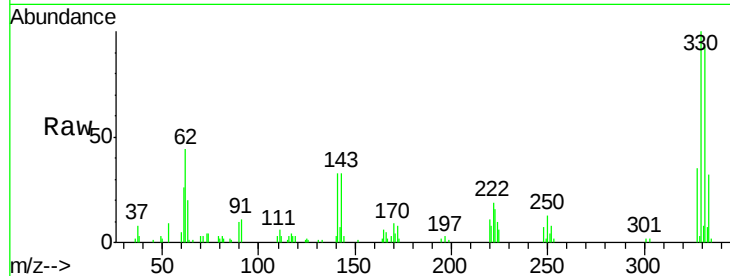




#41
 2,4,6-Tribromophenol
 Concen: 85.91 ng
 RT: 12.57 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

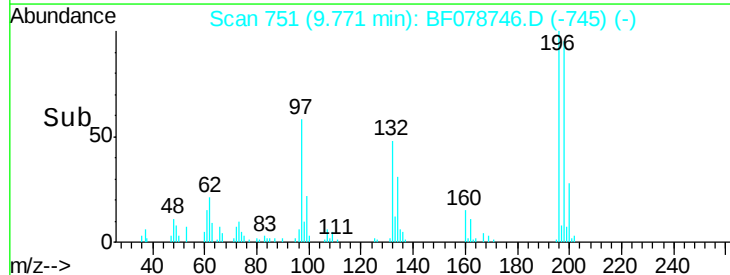
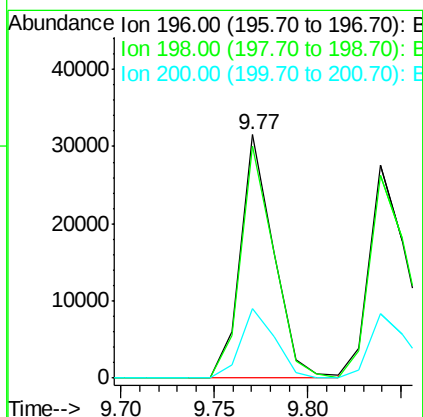
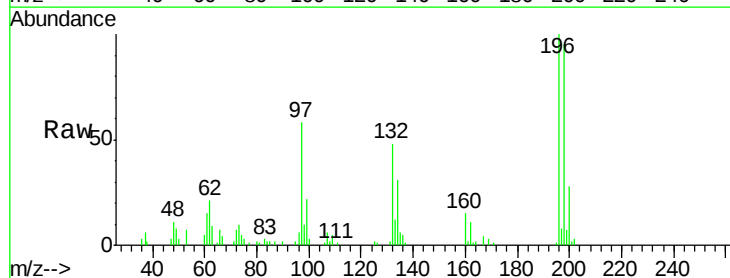
Instrument :
 BNA_F
 ClientSampleId :

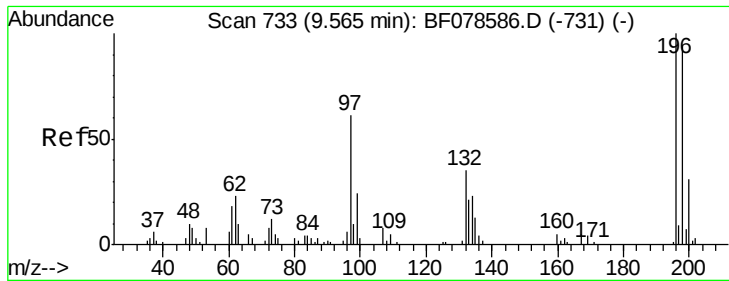
Tot Ion:330 Resp: 35122
 Ion Ratio Lower Upper
 330 100
 332 94.8 78.6 117.8
 141 40.2 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.48 ng
 RT: 9.77 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:196 Resp: 38990
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.2
 200 28.4 24.0 36.0

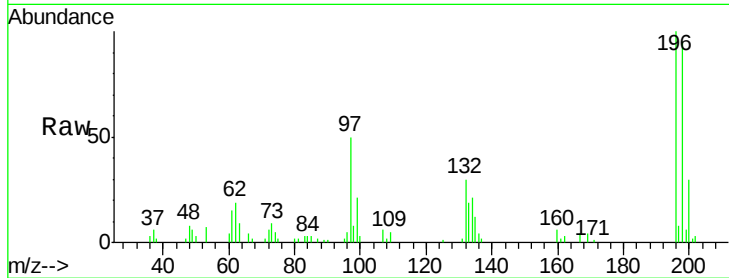




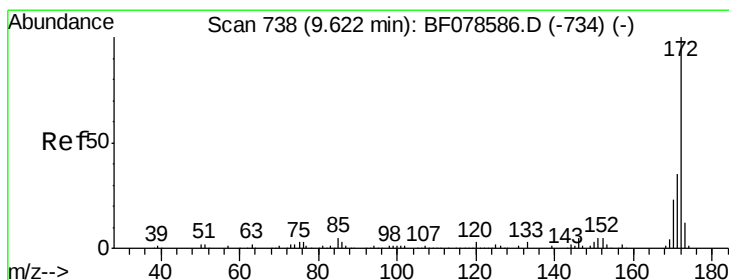
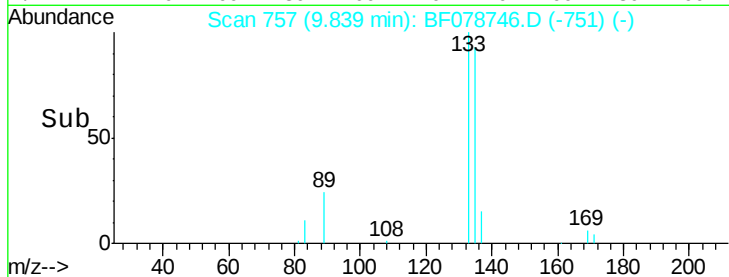
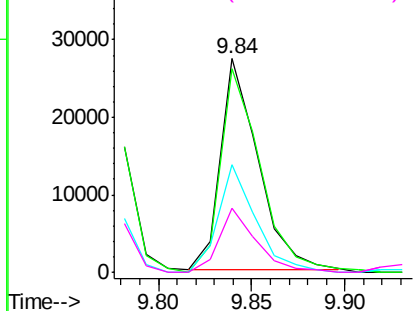
#43
 2,4,5-Trichlorophenol
 Concen: 38.47 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 38713
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 97 50.2 50.6 75.8#
 132 29.8 27.7 41.5

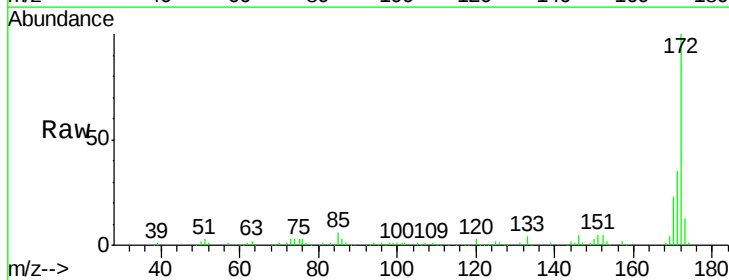


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

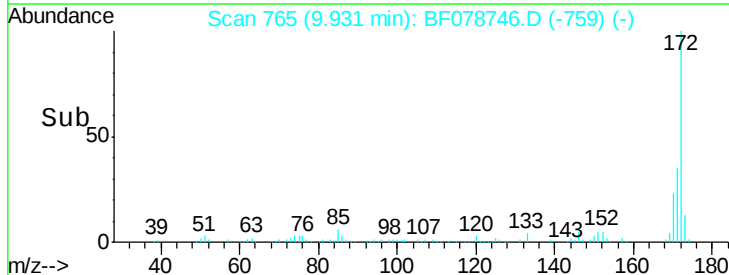
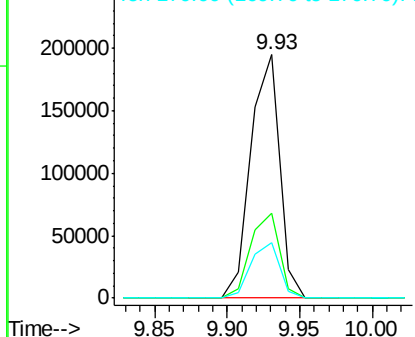


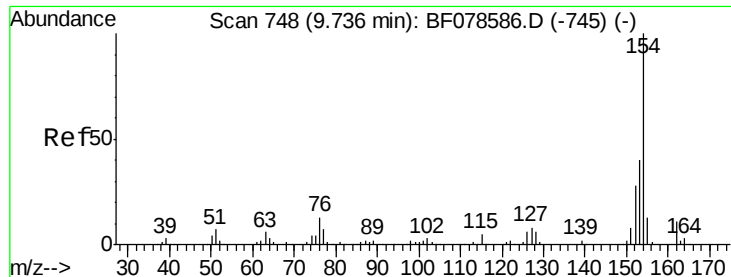
#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:172 Resp: 269327
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 22.8 18.5 27.7



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

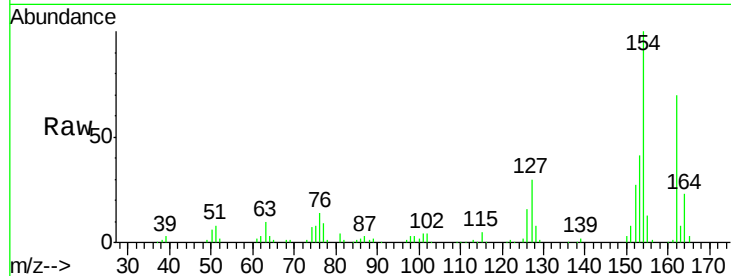




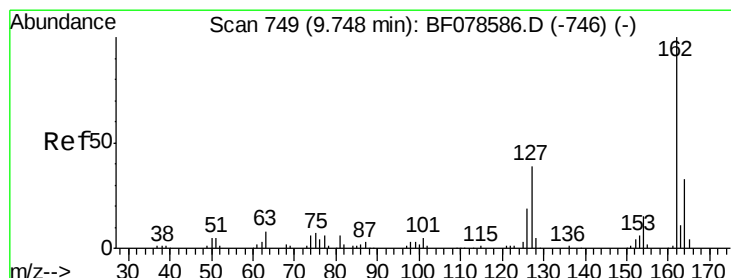
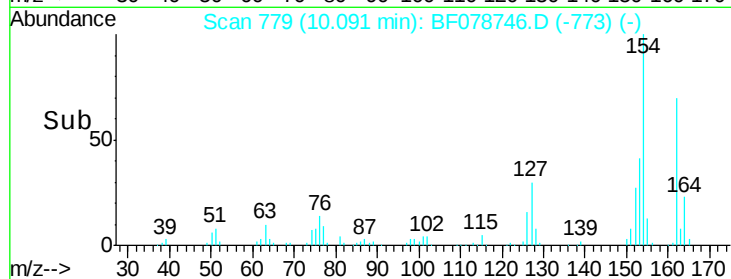
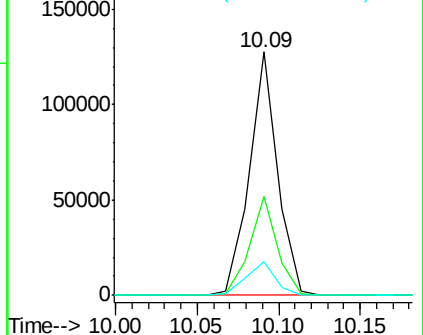
#45
 1,1'-Biphenyl
 Concen: 37.81 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	13.7	0.0	30.6

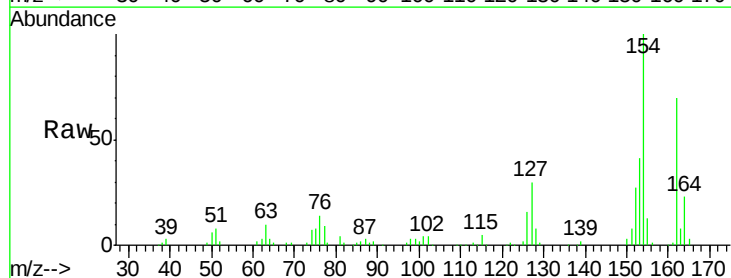


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

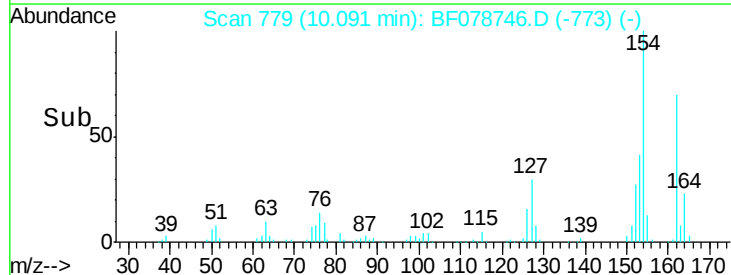
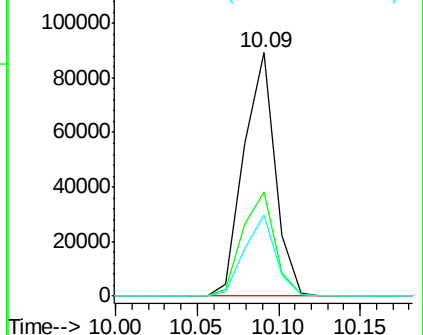


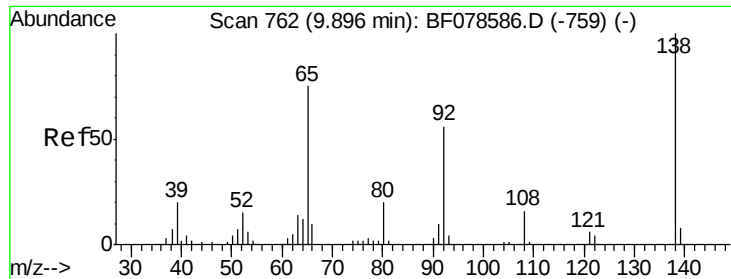
#46
 2-Chloronaphthalene
 Concen: 37.38 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.6	49.0
164	33.5	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

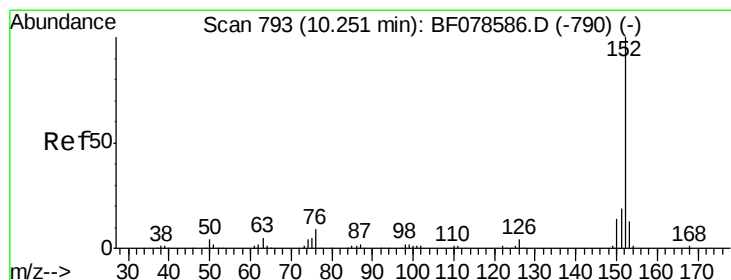
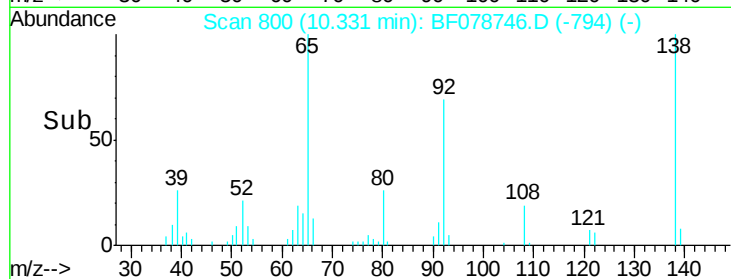
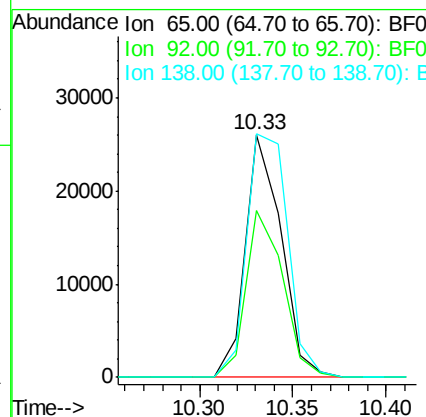
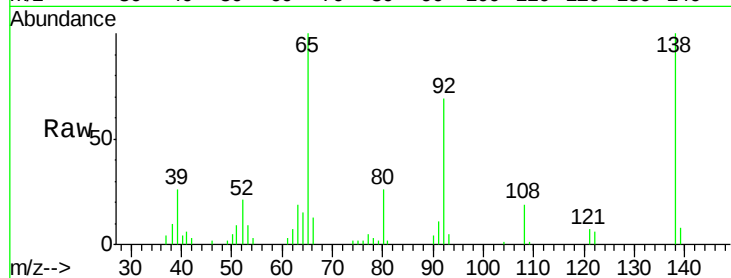




#47
 2-Nitroaniline
 Concen: 44.32 ng
 RT: 10.33 min Scan# 800
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

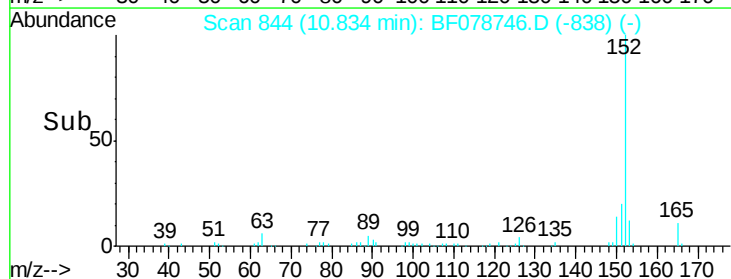
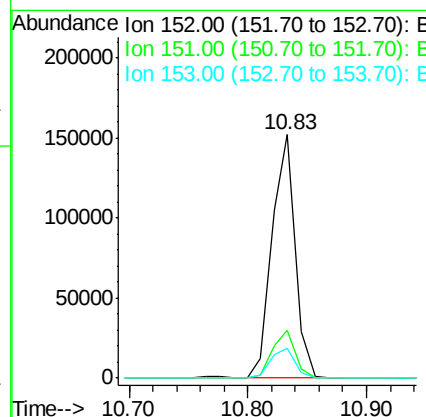
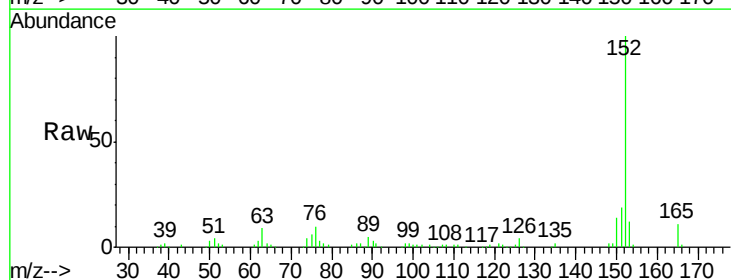
Instrument :
 BNA_F
 ClientSampleId :

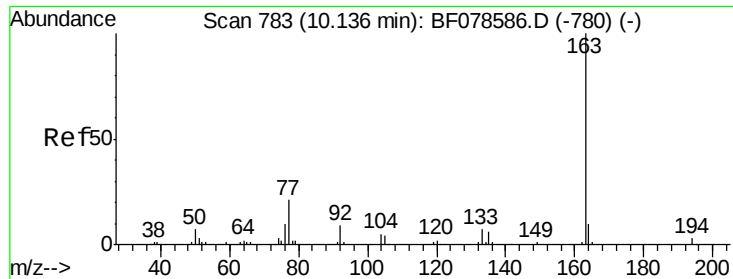
Tot Ion: 65 Resp: 34786
 Ion Ratio Lower Upper
 65 100
 92 69.0 51.3 76.9
 138 100.3 70.4 105.6



#48
 Acenaphthylene
 Concen: 40.52 ng
 RT: 10.83 min Scan# 844
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion: 152 Resp: 207574
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5
 153 12.4 10.2 15.2





#49

Dimethylphthalate

Concen: 40.84 ng

RT: 10.74 min Scan# 836

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

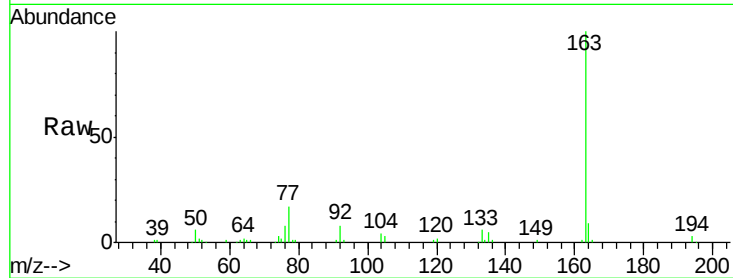
Tot Ion:163 Resp: 151243

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

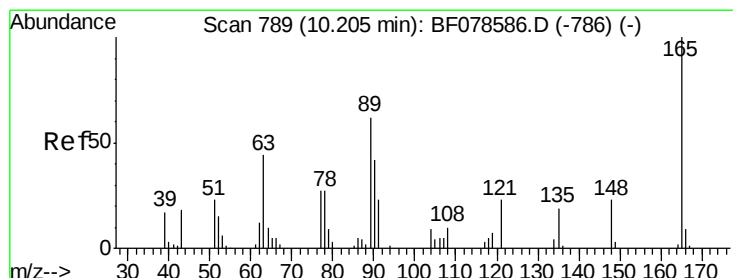
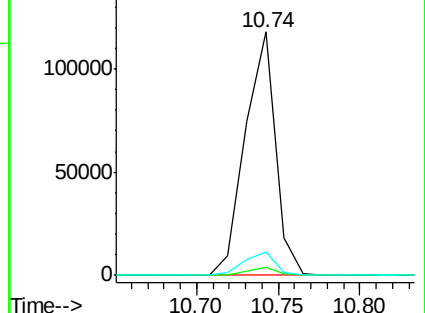
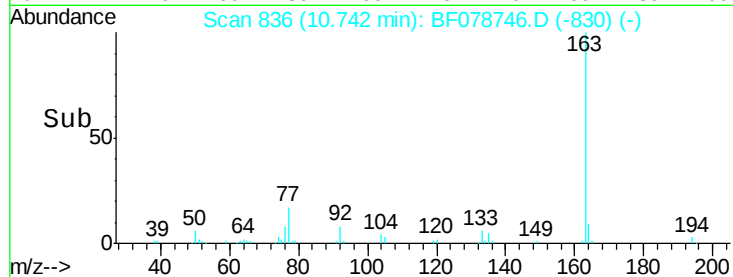
164 9.5 8.6 13.0



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: 40.96 ng

RT: 10.82 min Scan# 843

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

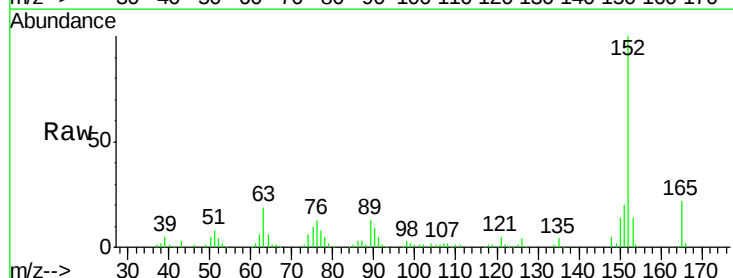
Tgt Ion:165 Resp: 31211

Ion Ratio Lower Upper

165 100

63 85.1 24.1 36.1#

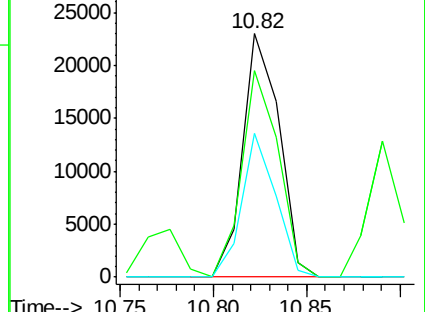
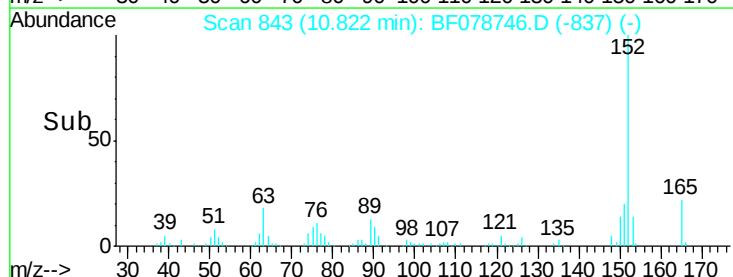
89 59.1 28.9 43.3#

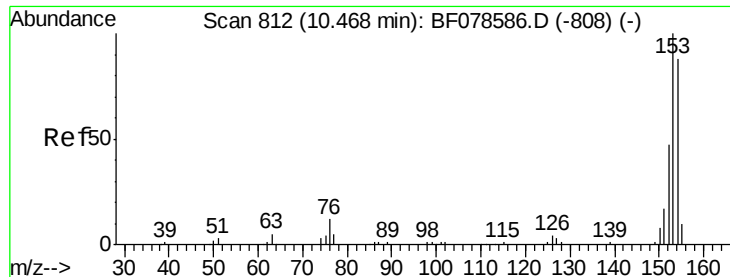


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

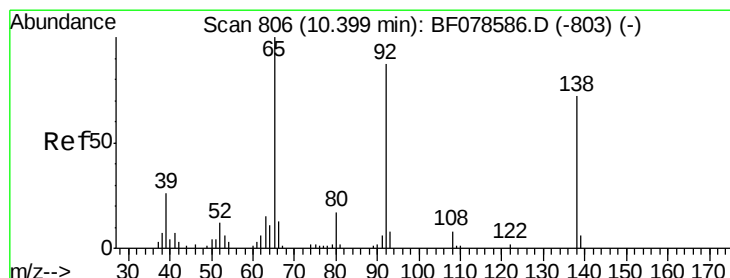
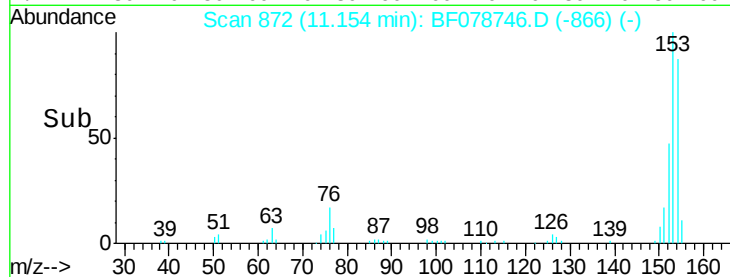
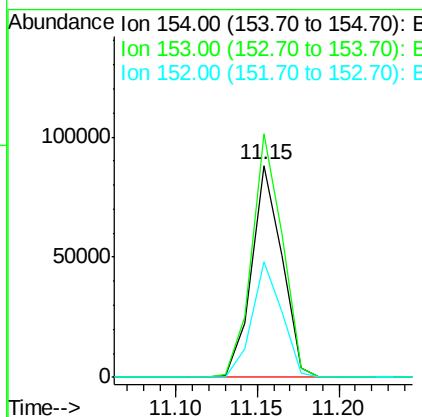
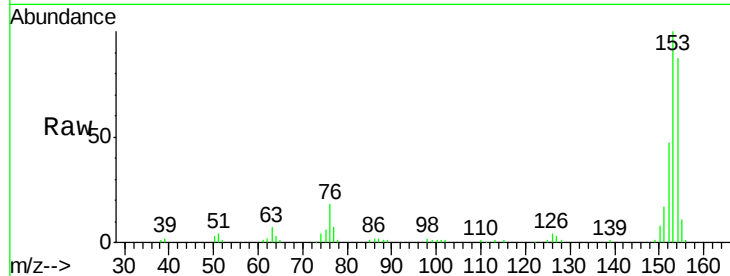




#51
Acenaphthene
Concen: 39.53 ng
RT: 11.15 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

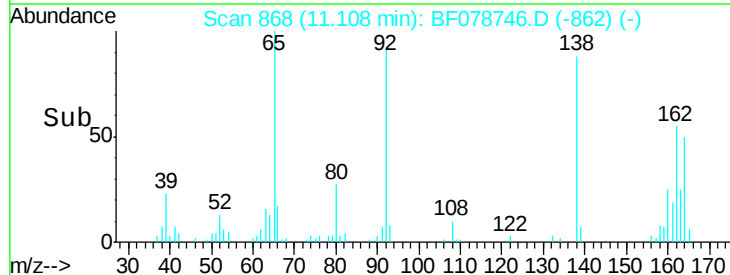
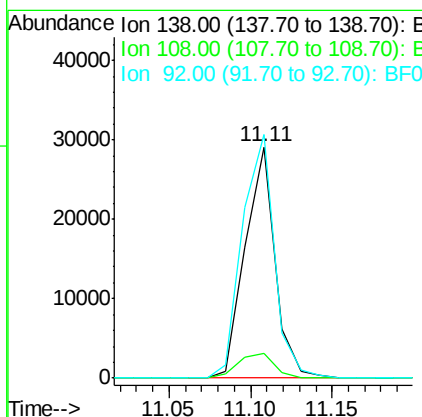
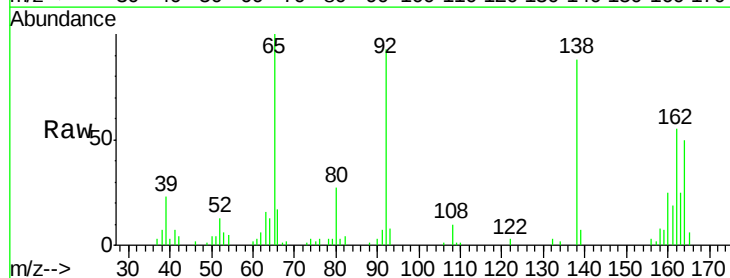
Instrument :
BNA_F
ClientSampleId :

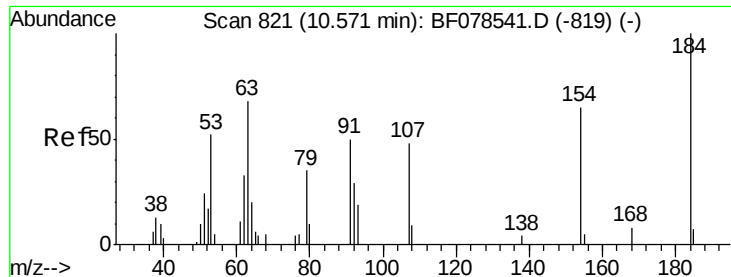
Tot Ion:154 Resp: 114027
Ion Ratio Lower Upper
154 100
153 114.7 91.4 137.2
152 54.4 43.0 64.6



#52
3-Nitroaniline
Concen: 42.64 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:138 Resp: 36946
Ion Ratio Lower Upper
138 100
108 10.8 8.2 12.4
92 105.4 88.4 132.6

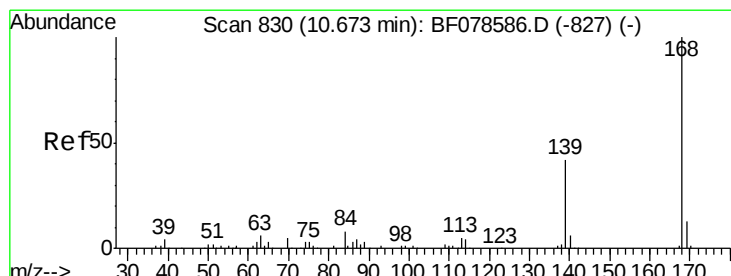
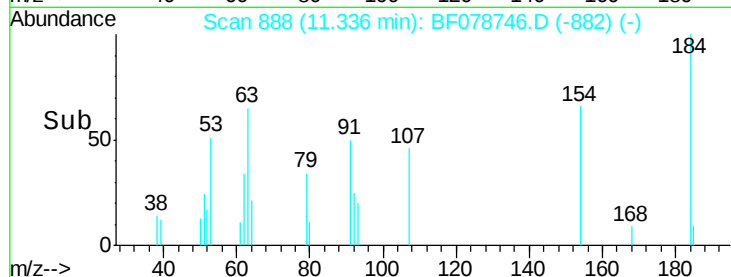
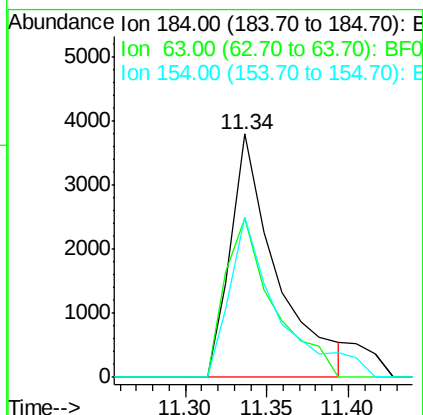
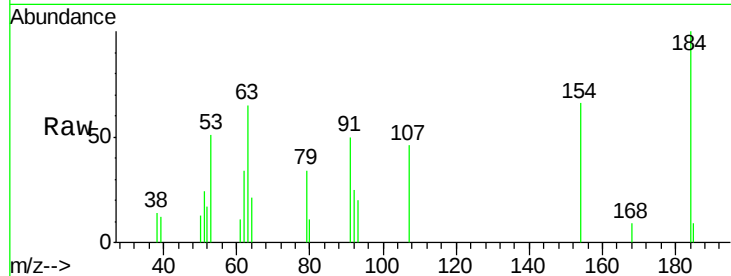




#53
 2,4-Dinitrophenol
 Concen: 36.70 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

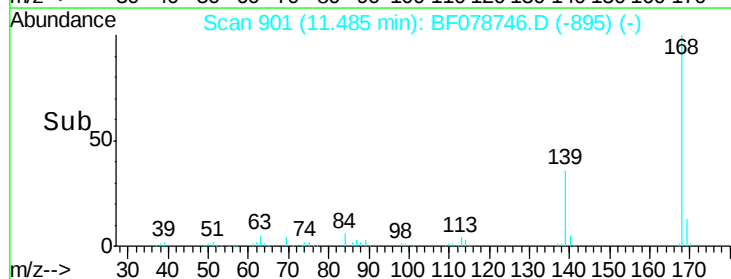
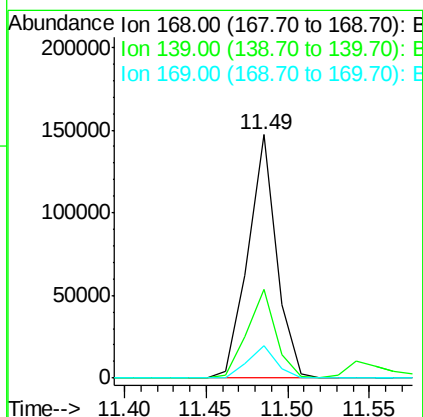
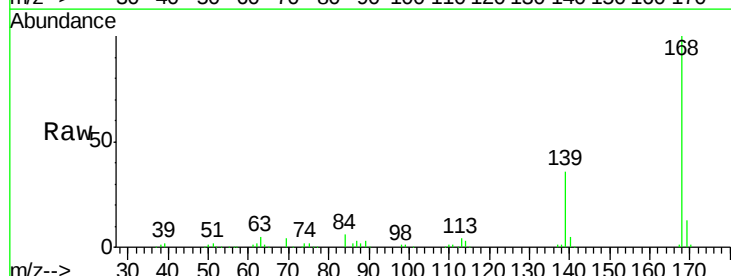
Instrument :
 BNA_F
 ClientSampleId :

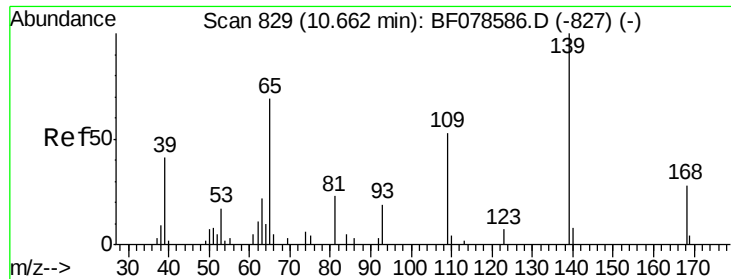
Tot Ion:184 Resp: 7490
 Ion Ratio Lower Upper
 184 100
 63 65.5 51.9 77.9
 154 65.7 51.0 76.4



#54
 Dibenzofuran
 Concen: 40.48 ng
 RT: 11.49 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:168 Resp: 178311
 Ion Ratio Lower Upper
 168 100
 139 36.4 31.0 46.4
 169 13.2 10.7 16.1

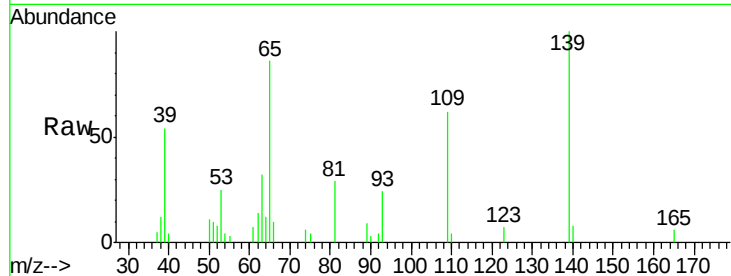




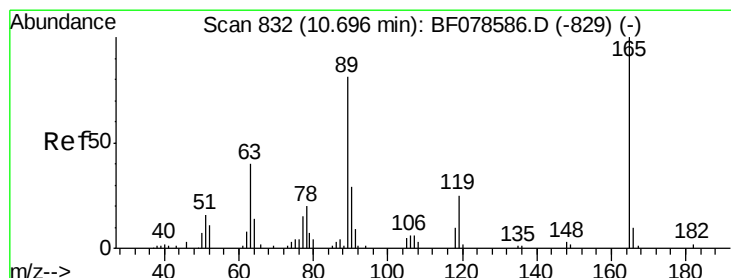
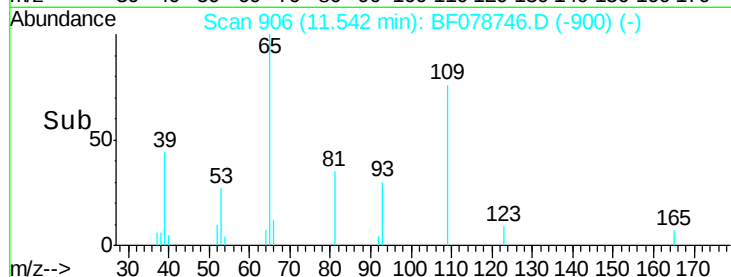
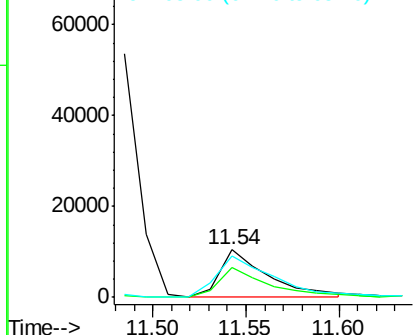
#55
4-Nitrophenol
Concen: 31.38 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 18906
Ion Ratio Lower Upper
139 100
109 61.8 36.7 76.7
65 85.9 49.9 89.9

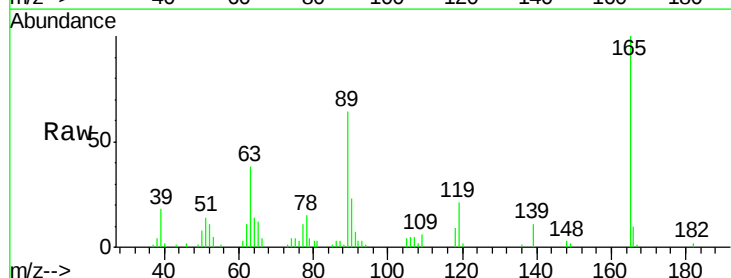


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

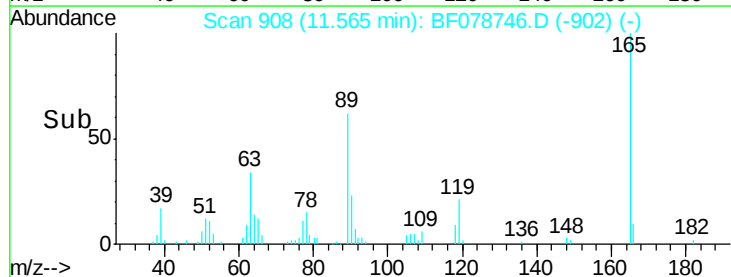
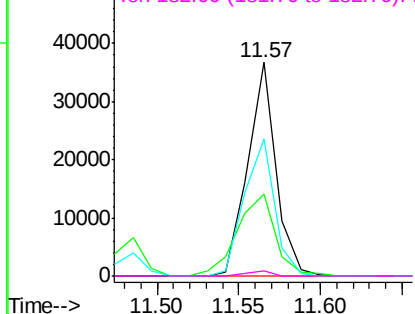


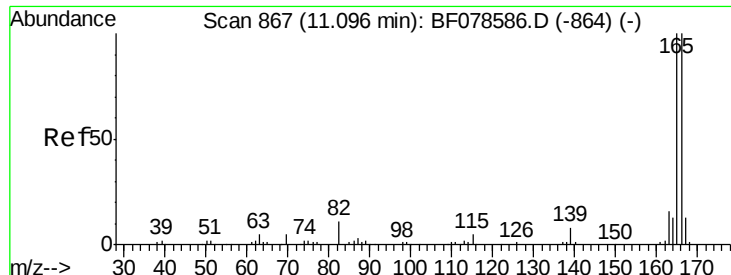
#56
2,4-Dinitrotoluene
Concen: 44.76 ng
RT: 11.57 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:165 Resp: 44173
Ion Ratio Lower Upper
165 100
63 38.4 26.5 39.7
89 64.2 46.4 69.6
182 2.3 2.0 3.0



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

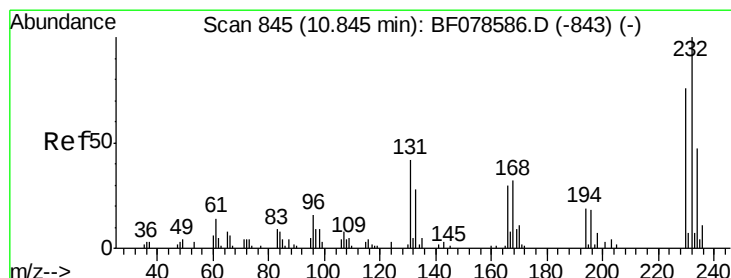
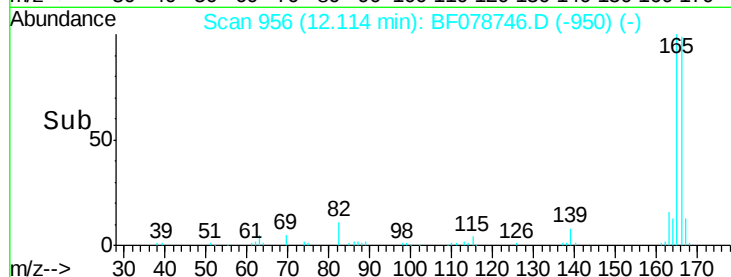
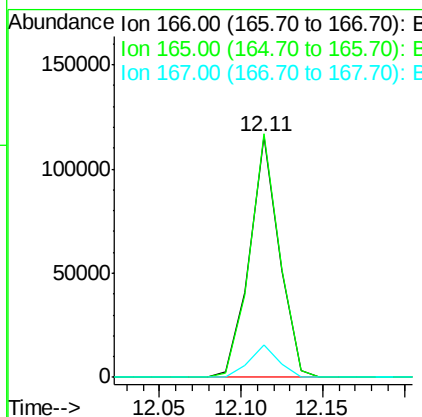
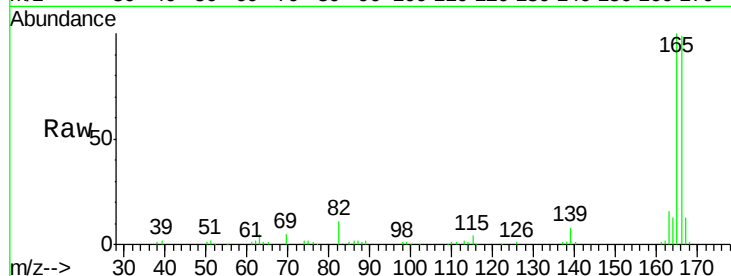




#57
 Fluorene
 Concen: 40.96 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

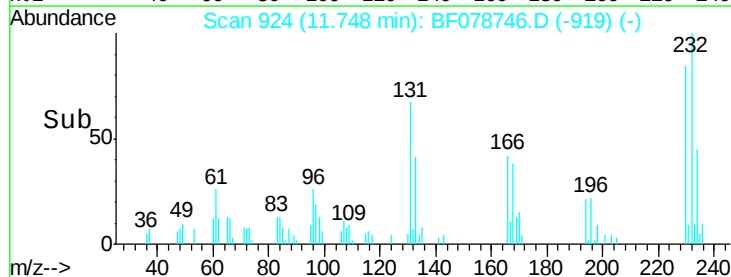
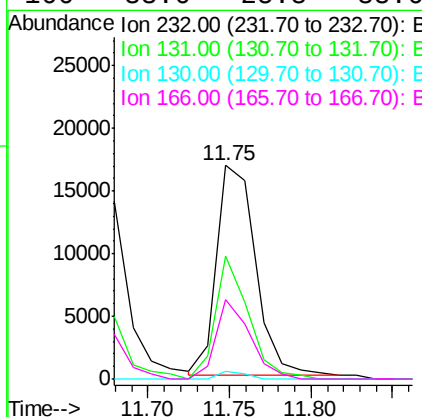
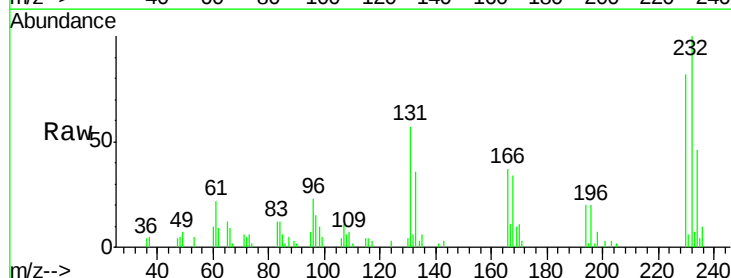
Instrument :
 BNA_F
 ClientSampleId :

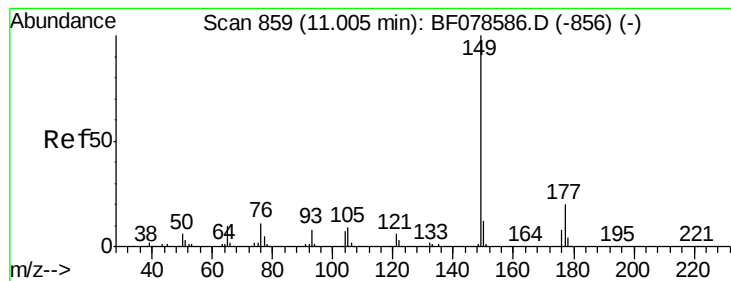
Tot Ion:166 Resp: 146271
 Ion Ratio Lower Upper
 166 100
 165 101.1 78.9 118.3
 167 13.3 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.63 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.05 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:232 Resp: 27327
 Ion Ratio Lower Upper
 232 100
 131 50.7 37.8 56.8
 130 2.5 1.5 2.3#
 166 33.6 25.8 38.6





#59

Diethylphthalate

Concen: 42.63 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

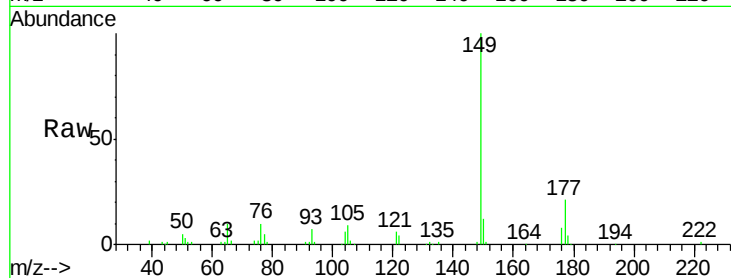
Tot Ion:149 Resp: 152219

Ion Ratio Lower Upper

149 100

177 20.7 17.4 26.2

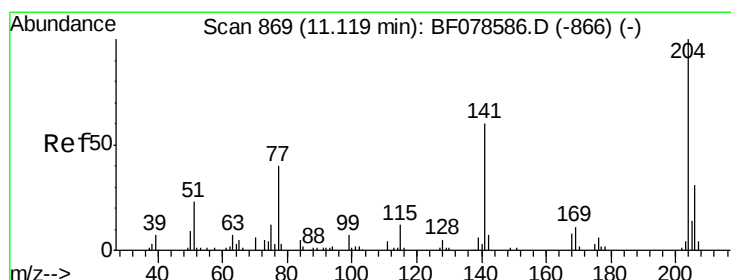
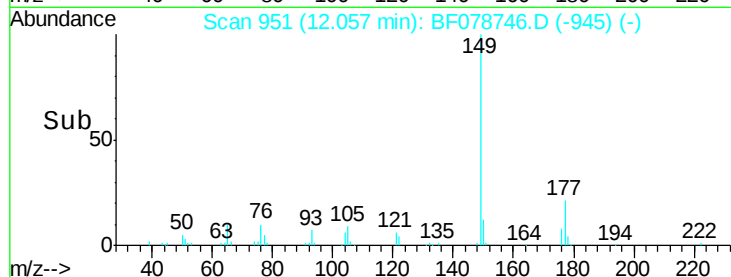
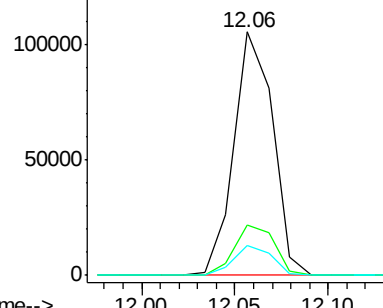
150 12.2 9.4 14.2



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: 40.94 ng

RT: 12.18 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

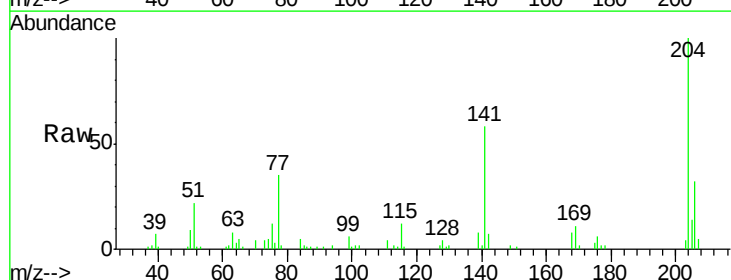
Tgt Ion:204 Resp: 67255

Ion Ratio Lower Upper

204 100

206 32.0 25.6 38.4

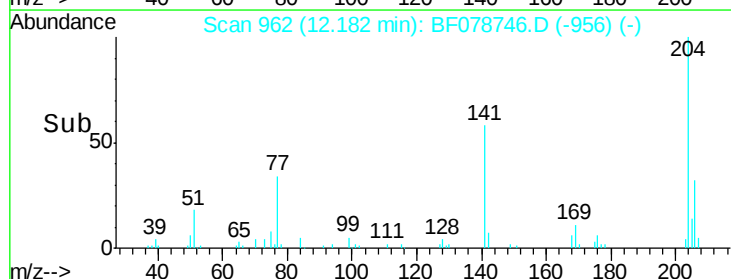
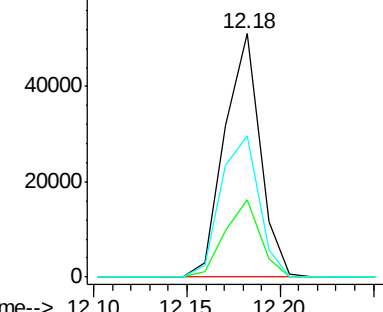
141 58.1 35.4 53.0#

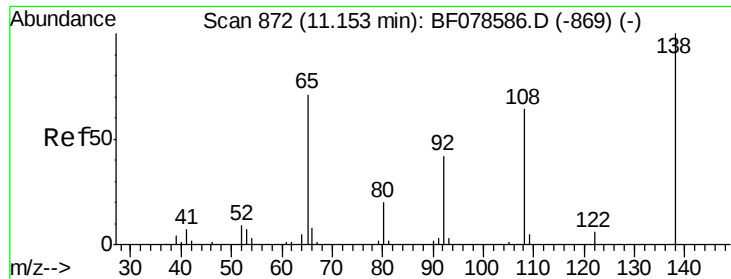


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

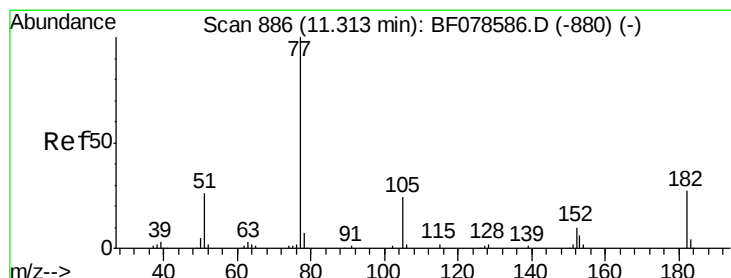
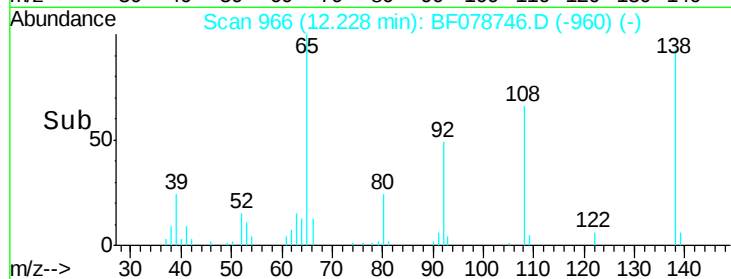
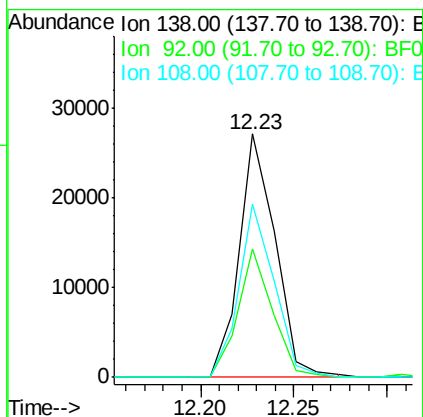
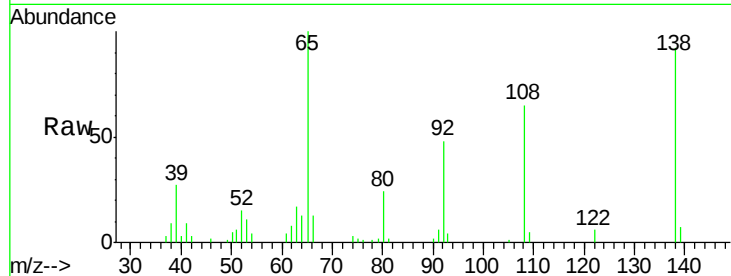




#61
 4-Nitroaniline
 Concen: 41.66 ng
 RT: 12.23 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

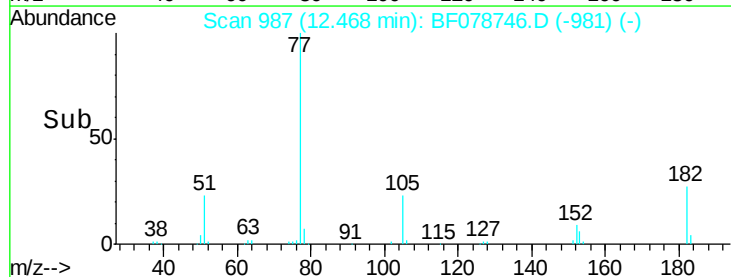
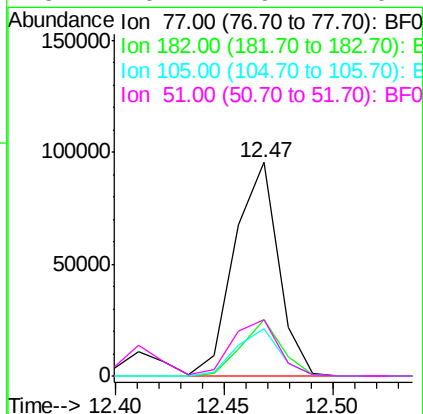
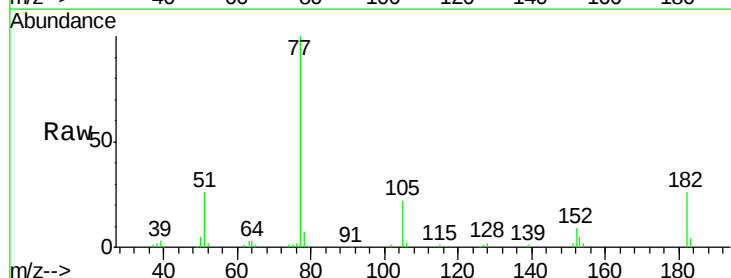
Instrument :
 BNA_F
 ClientSampleId :

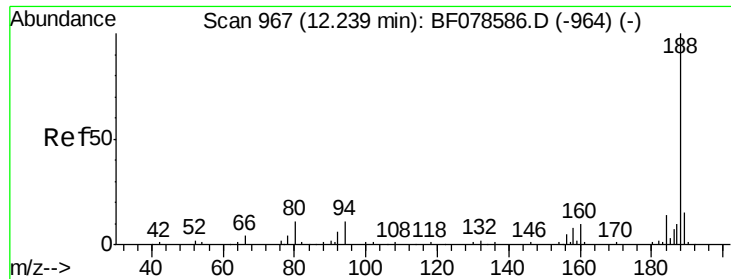
Tot Ion:138 Resp: 36486
 Ion Ratio Lower Upper
 138 100
 92 52.7 27.3 67.3
 108 71.4 47.2 87.2



#62
 Azobenzene
 Concen: 40.93 ng
 RT: 12.47 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion: 77 Resp: 133393
 Ion Ratio Lower Upper
 77 100
 182 26.5 0.0 36.8
 105 22.4 0.3 40.3
 51 26.4 9.1 49.1

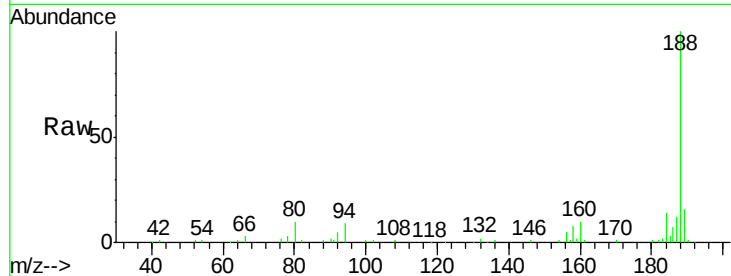




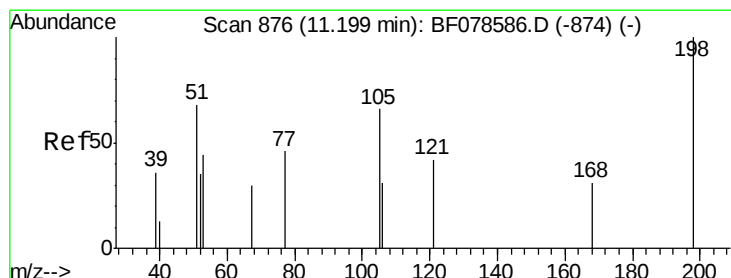
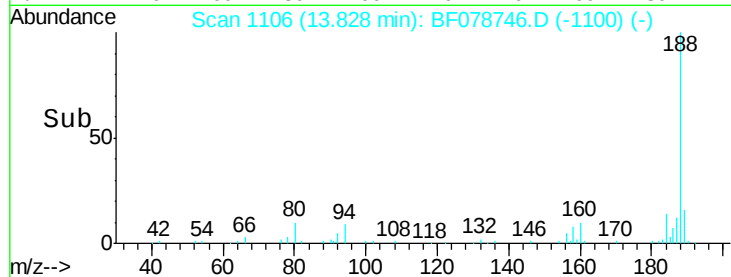
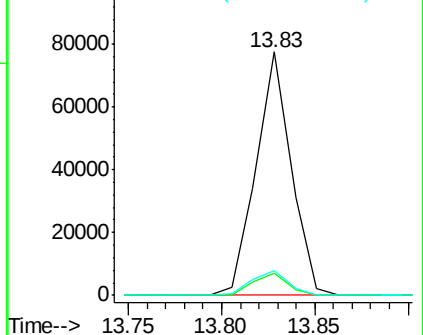
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1106
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 101165
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.0 13.4
 80 9.9 9.5 14.3

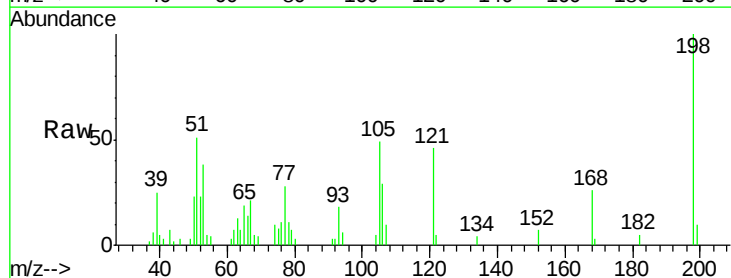


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

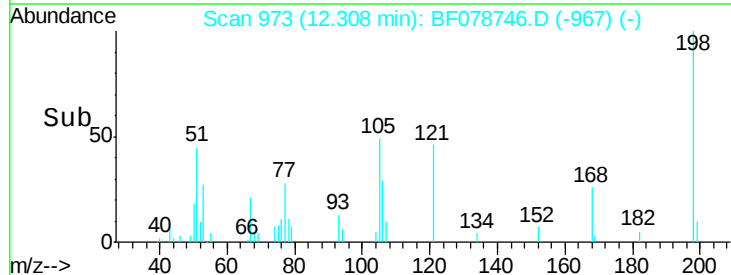
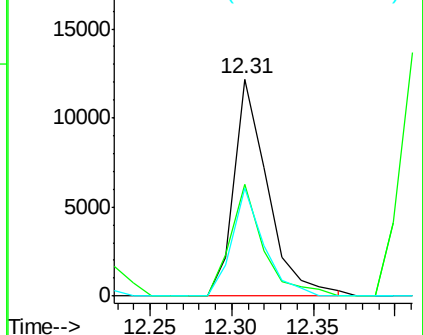


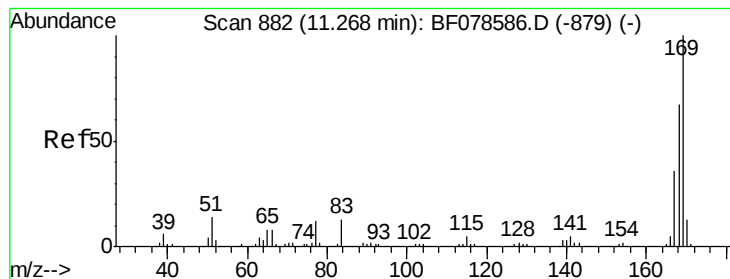
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.12 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:198 Resp: 17457
 Ion Ratio Lower Upper
 198 100
 51 51.4 48.6 88.6
 105 49.5 45.8 85.8



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

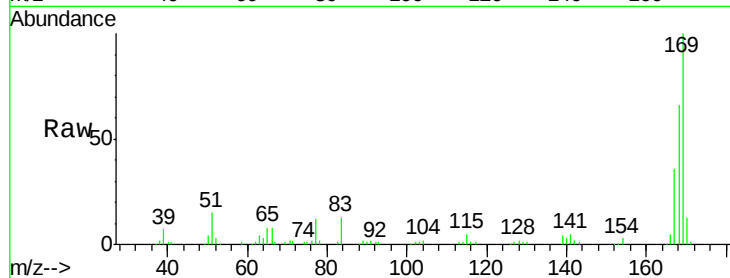




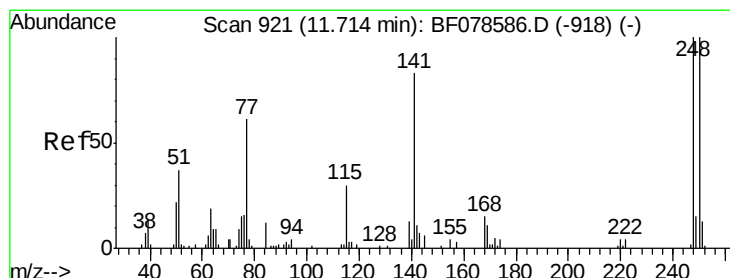
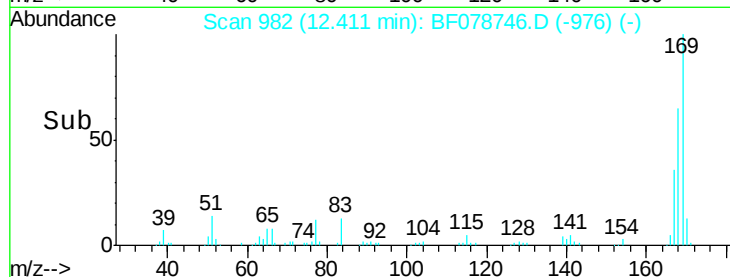
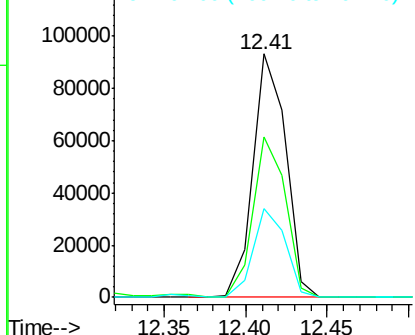
#65
 n-Nitrosodiphenylamine
 Concen: 37.19 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	55.0	82.4
167	36.4	29.3	43.9

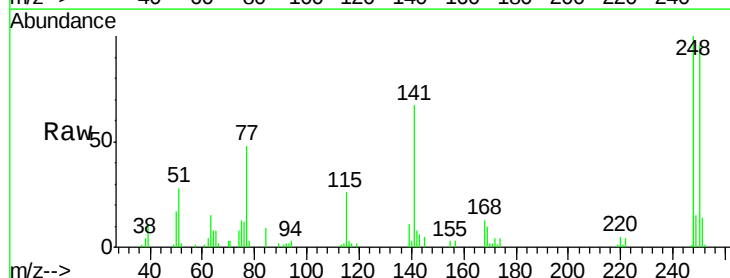


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

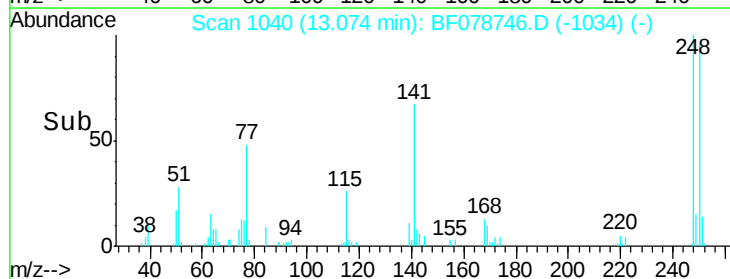
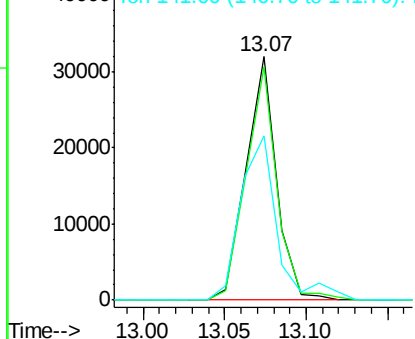


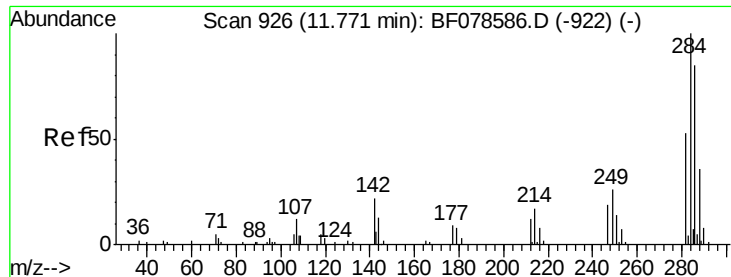
#66
 4-Bromophenyl-phenylether
 Concen: 38.48 ng
 RT: 13.07 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.2	117.2
141	67.3	66.4	99.6



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

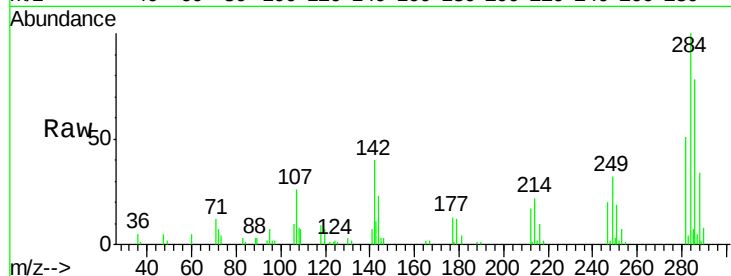




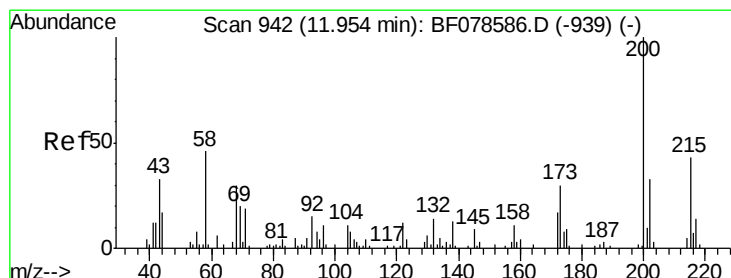
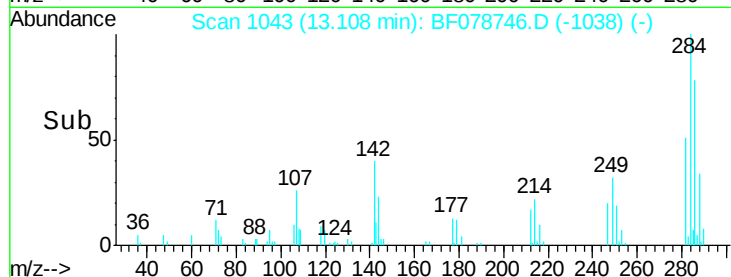
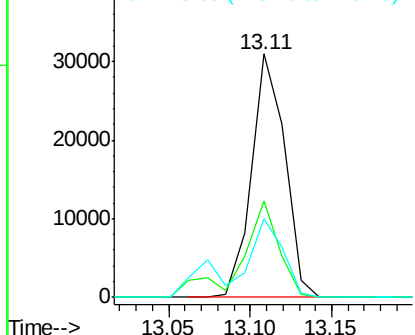
#67
Hexachlorobenzene
Concen: 37.29 ng
RT: 13.11 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 43781
Ion Ratio Lower Upper
284 100
142 39.7 24.5 36.7#
249 32.1 24.8 37.2

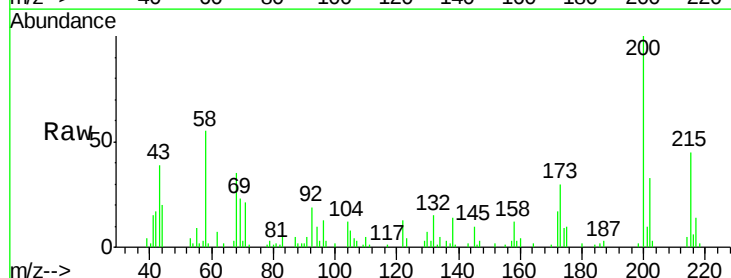


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

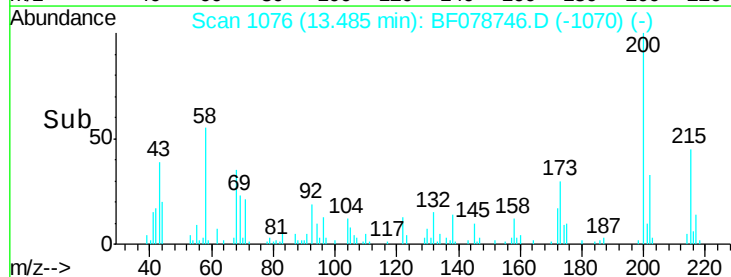
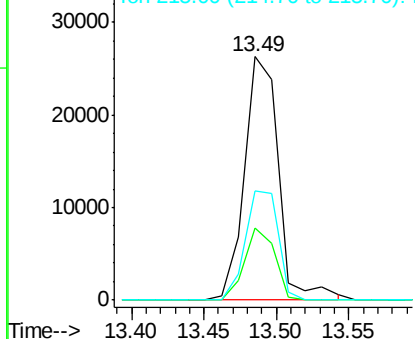


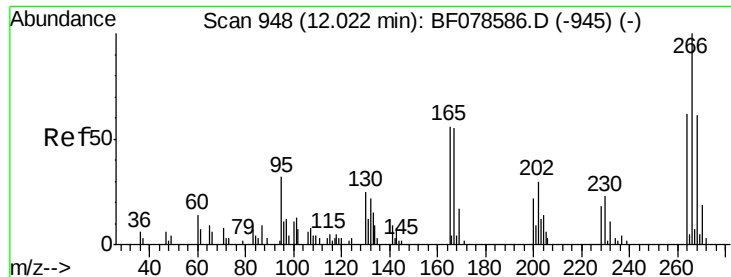
#68
Atrazine
Concen: 41.99 ng
RT: 13.49 min Scan# 1076
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:200 Resp: 42558
Ion Ratio Lower Upper
200 100
173 29.7 6.9 46.9
215 44.8 27.1 67.1



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

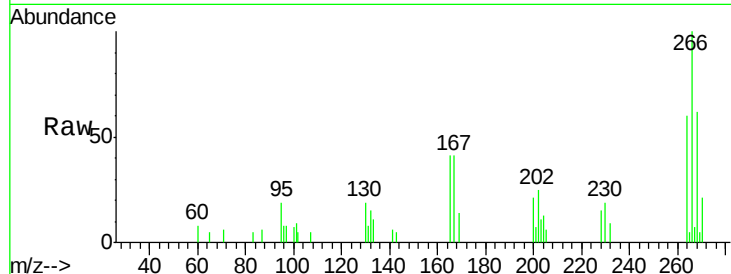




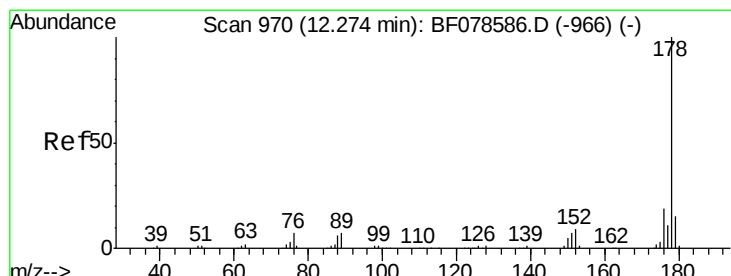
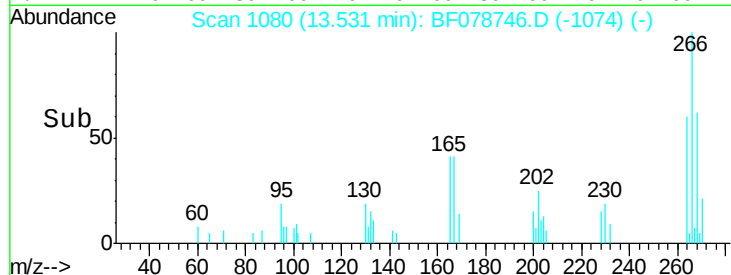
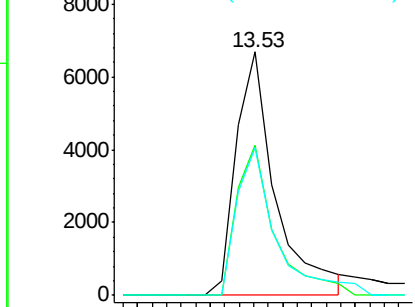
#69
 Pentachlorophenol
 Concen: 29.61 ng
 RT: 13.53 min Scan# 1080
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 12598
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.1 75.1
 264 60.4 50.0 75.0

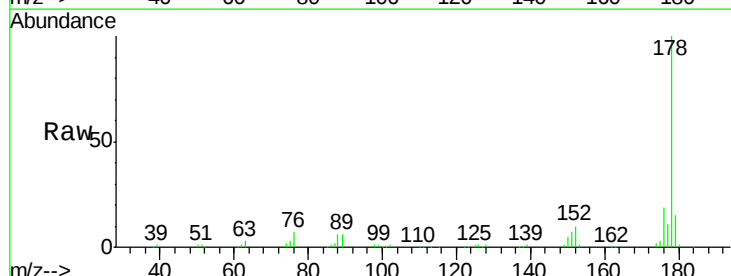


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

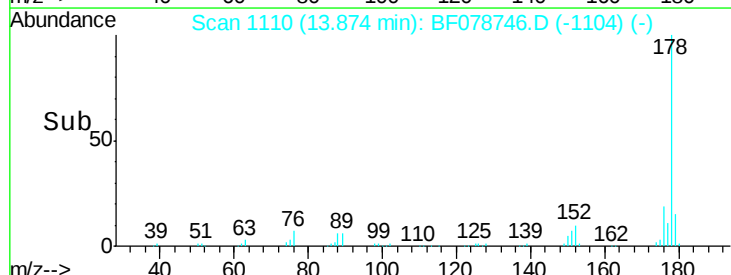
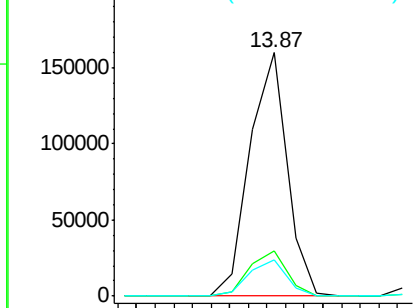


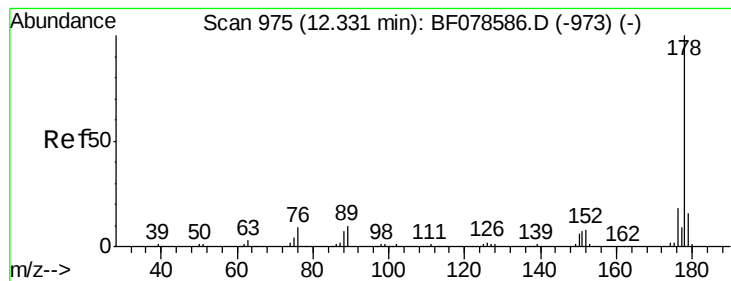
#70
 Phenanthrene
 Concen: 38.02 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. -0.03 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:178 Resp: 222465
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 14.7 12.2 18.2



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: 38.80 ng

RT: 13.97 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

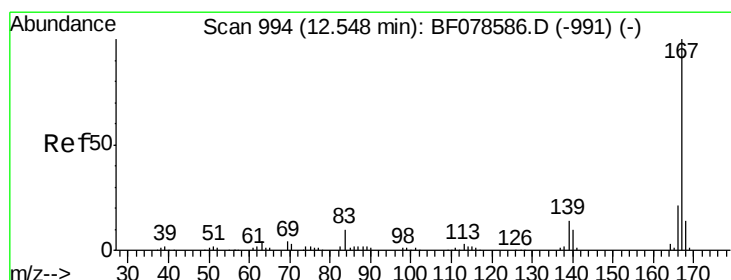
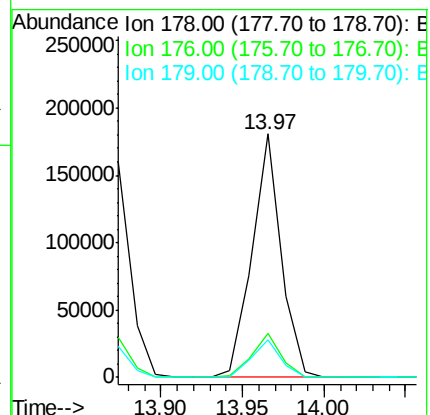
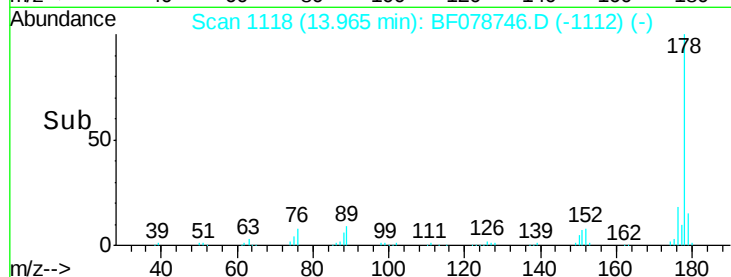
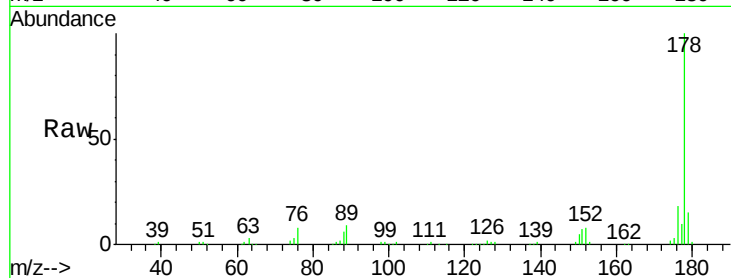
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 223741

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.3	12.4	18.6



#72

Carbazole

Concen: 39.67 ng

RT: 14.31 min Scan# 1148

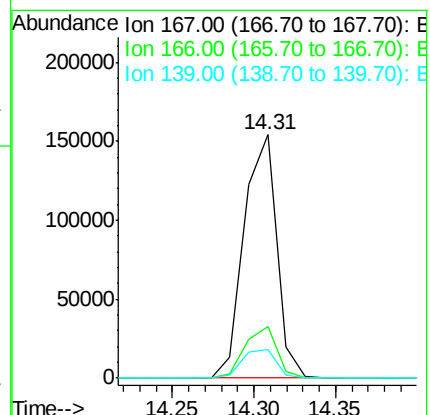
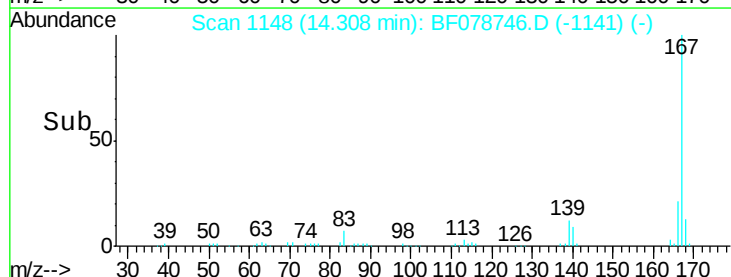
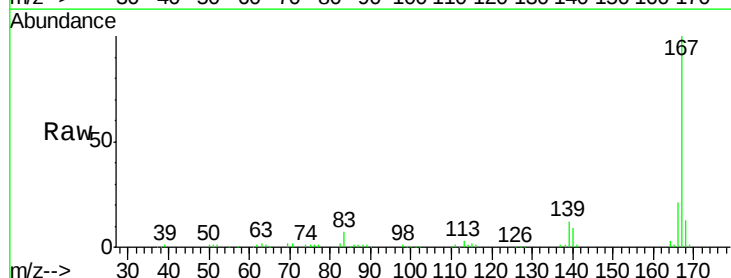
Delta R.T. -0.02 min

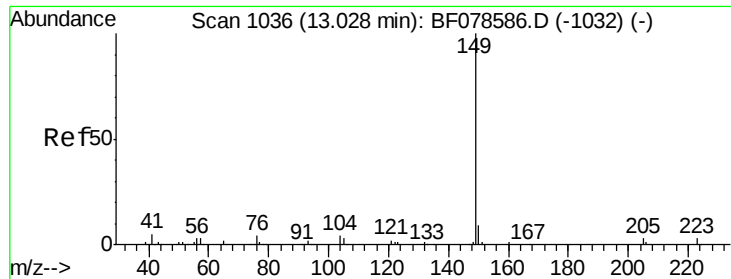
Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Tgt Ion:167 Resp: 214358

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	11.9	10.0	15.0





#73

Di-n-butylphthalate

Concen: 42.24 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

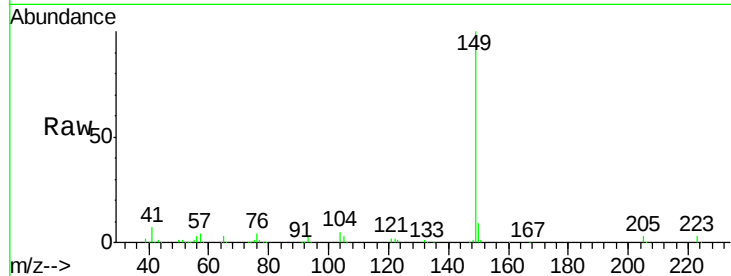
Tot Ion:149 Resp: 258599

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

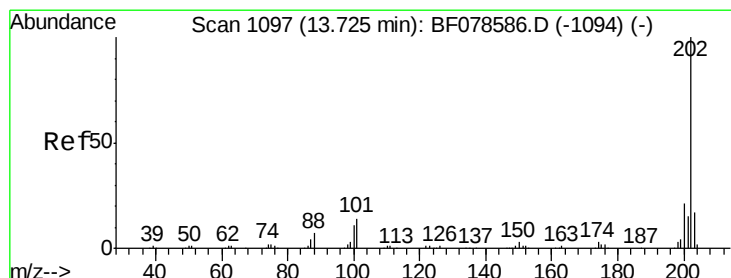
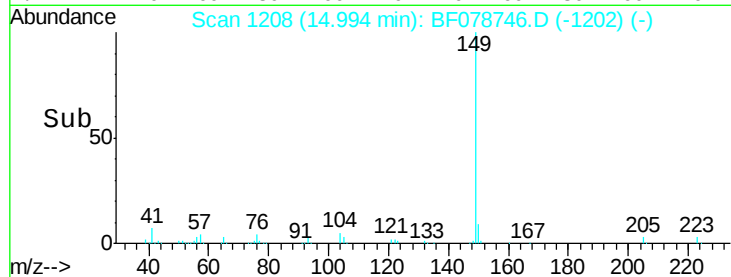
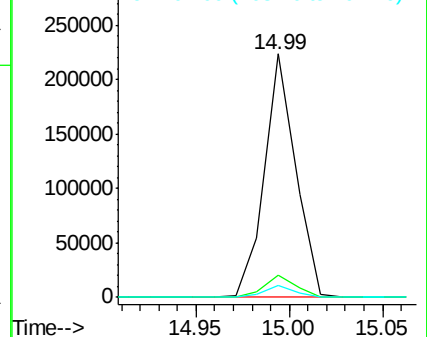
104 4.7 3.8 5.6



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: 40.14 ng

RT: 15.77 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

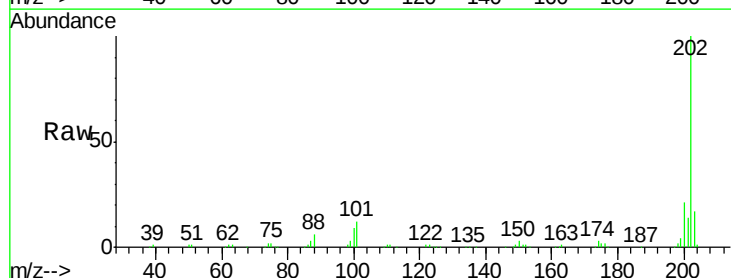
Tgt Ion:202 Resp: 247702

Ion Ratio Lower Upper

202 100

101 12.5 0.0 35.2

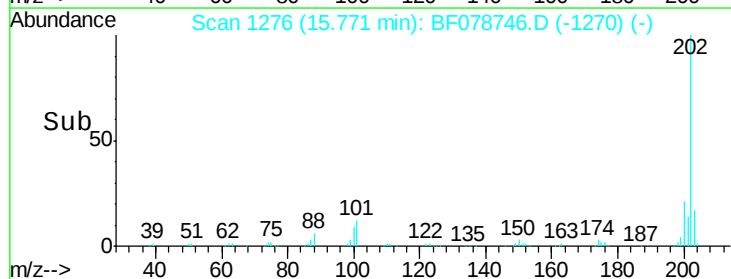
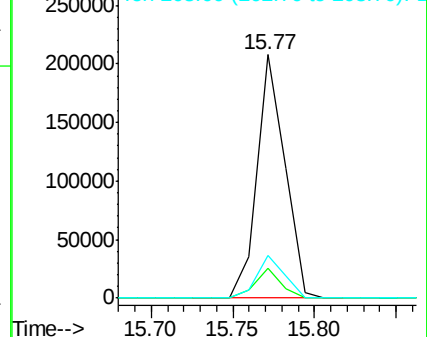
203 17.3 0.0 38.5

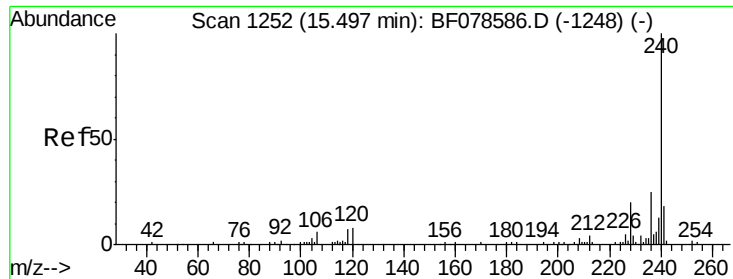


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.71 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

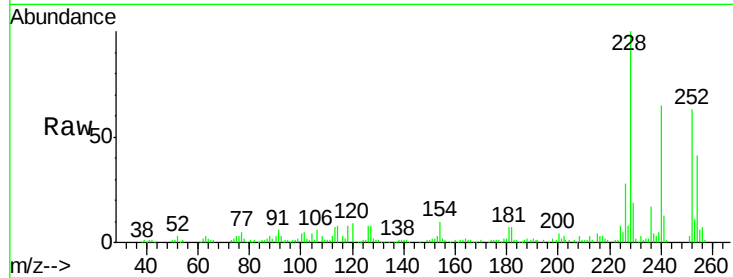
Tot Ion:240 Resp: 109140

Ion Ratio Lower Upper

240 100

120 14.2 7.1 10.7#

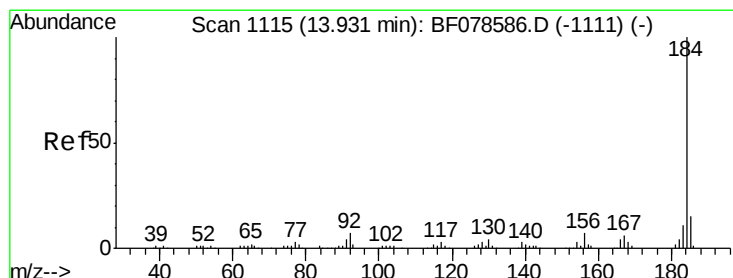
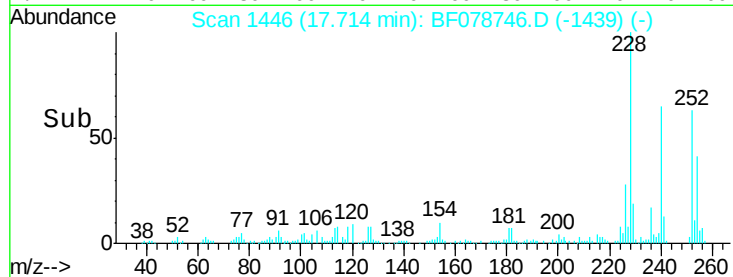
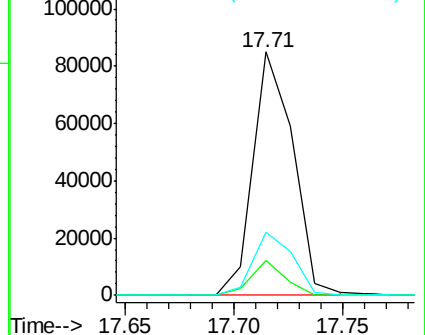
236 26.0 21.4 32.2



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: 41.57 ng

RT: 16.03 min Scan# 1299

Delta R.T. -0.03 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

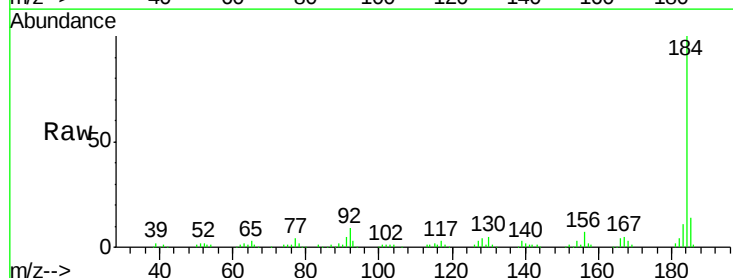
Tgt Ion:184 Resp: 174695

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

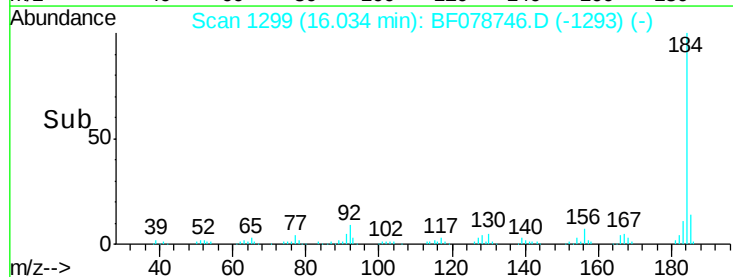
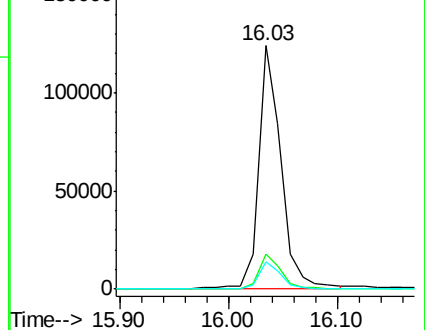
183 11.2 9.5 14.3

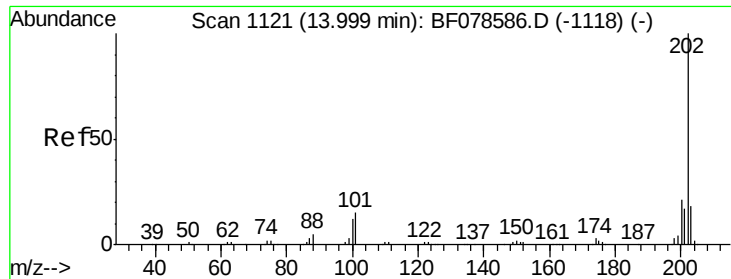


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

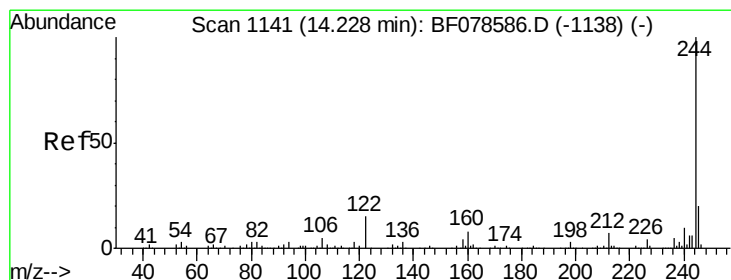
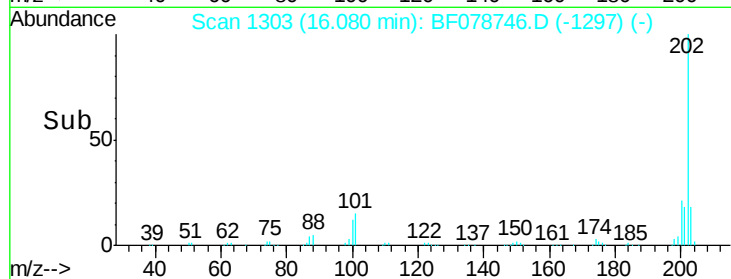
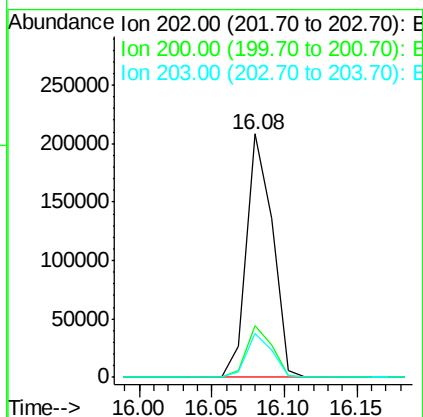
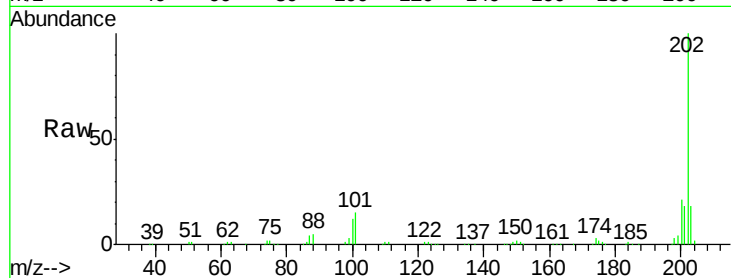




#77
Pvrene
Concen: 37.84 ng
RT: 16.08 min Scan# 1303
Delta R.T. -0.03 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

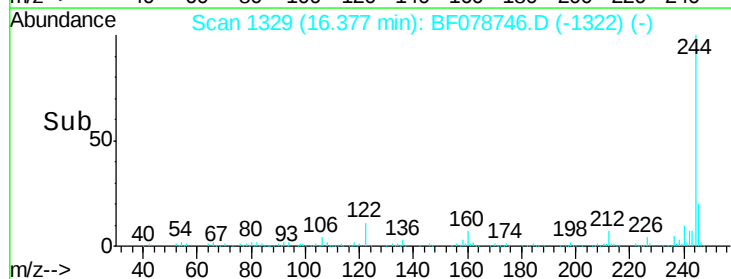
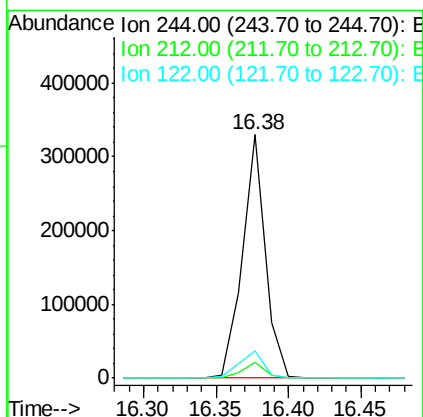
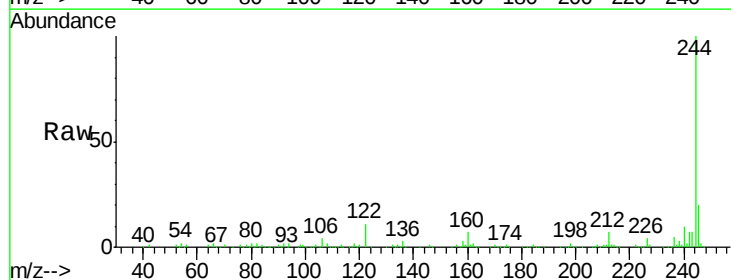
Instrument :
BNA_F
ClientSampleId :

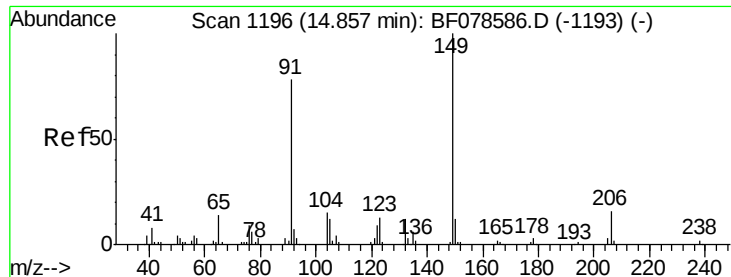
Tot Ion:202 Resp: 259266
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 18.0 13.8 20.6



#78
Terphenyl-d14
Concen: 74.96 ng
RT: 16.38 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:244 Resp: 362055
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.2 7.1 10.7#

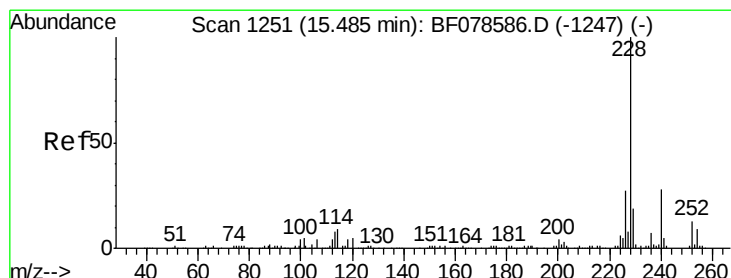
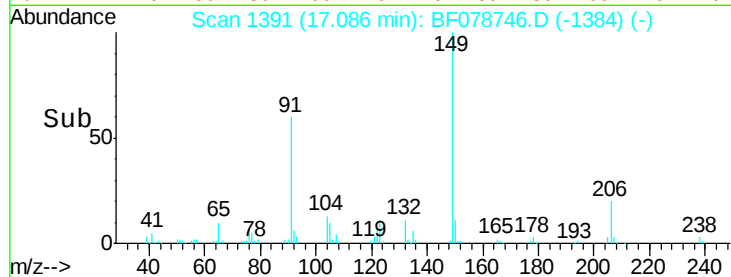
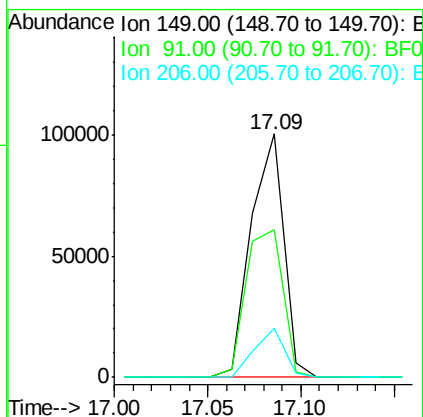
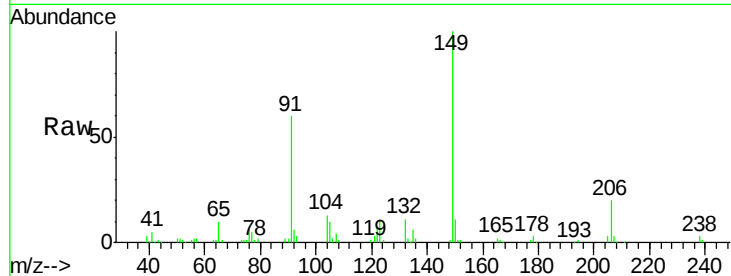




#79
Butylbenzylphthalate
Concen: 46.68 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

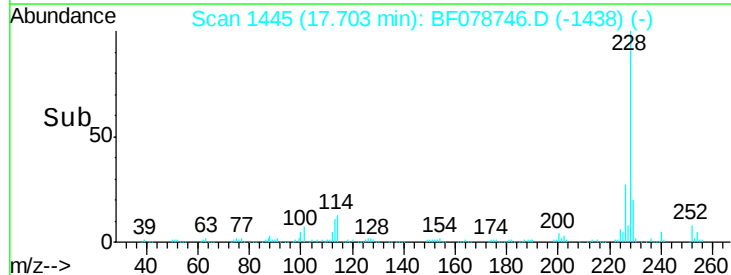
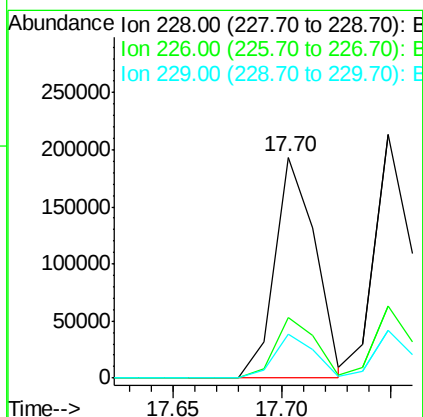
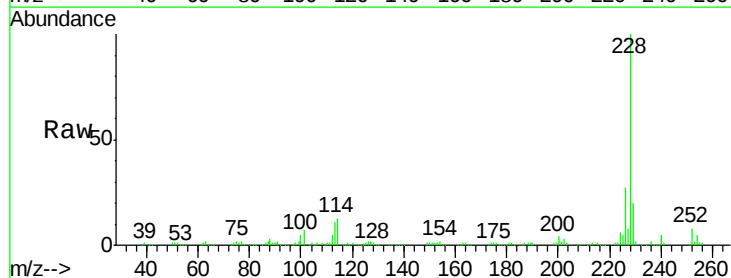
Instrument :
BNA_F
ClientSampleId :

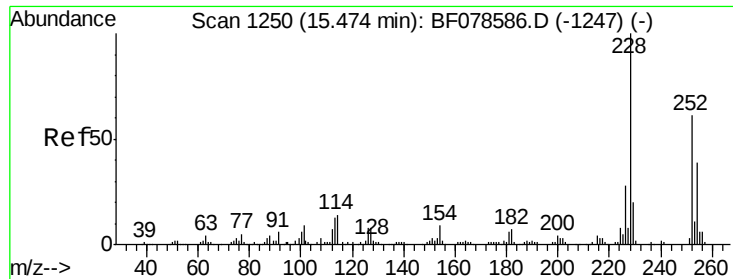
Tot Ion:149 Resp: 121888
Ion Ratio Lower Upper
149 100
91 60.5 64.2 96.2#
206 20.1 12.6 18.8#



#80
Benzo(a)anthracene
Concen: 38.65 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:228 Resp: 250958
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.7 15.4 23.2

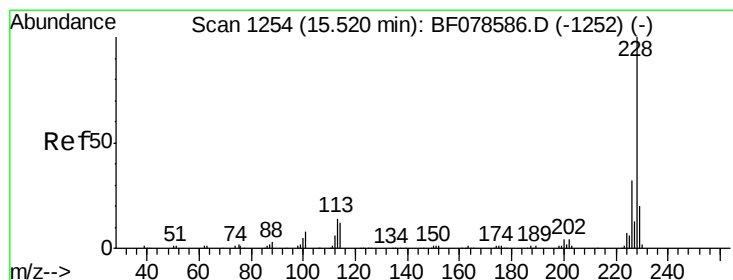
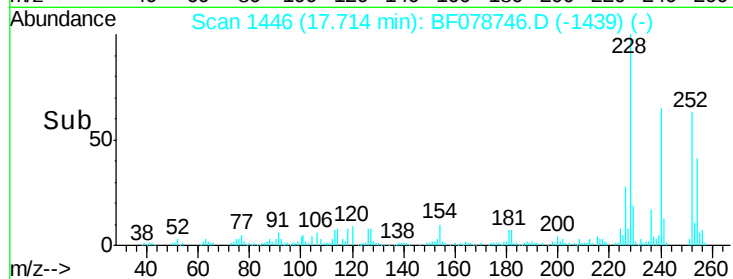
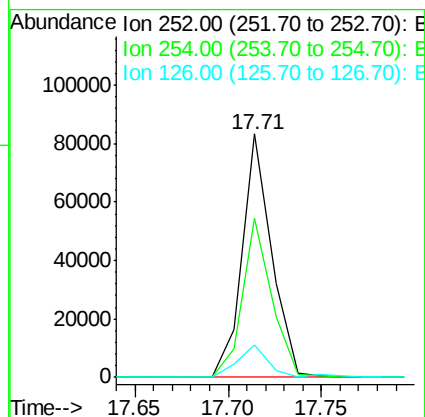
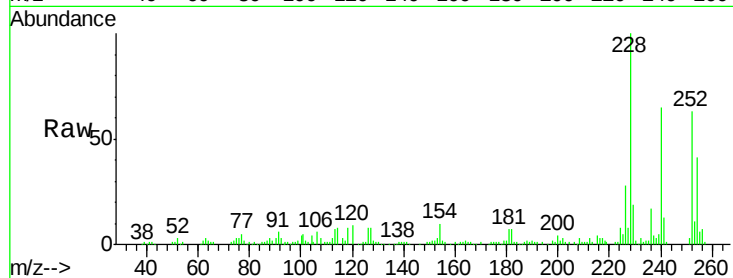




#81
 3,3'-Dichlorobenzidine
 Concen: 42.16 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

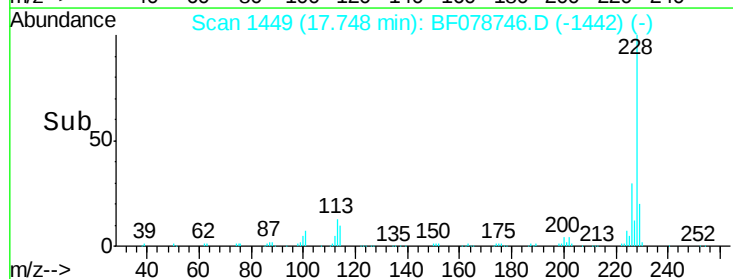
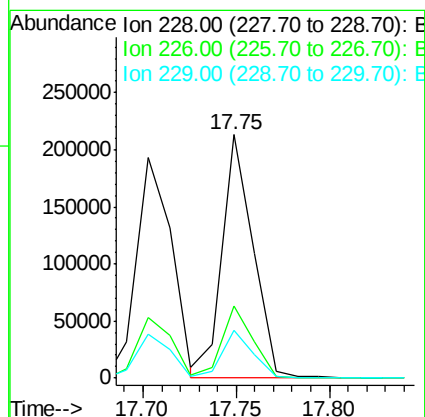
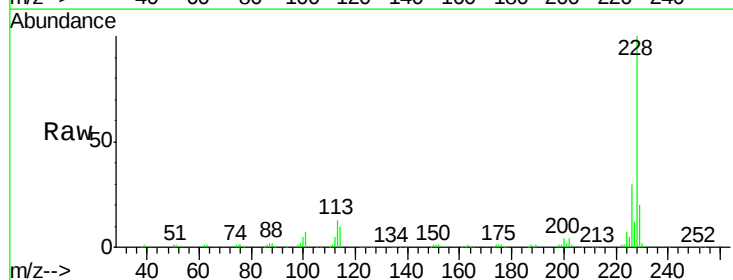
Instrument :
 BNA_F
 ClientSampleId :

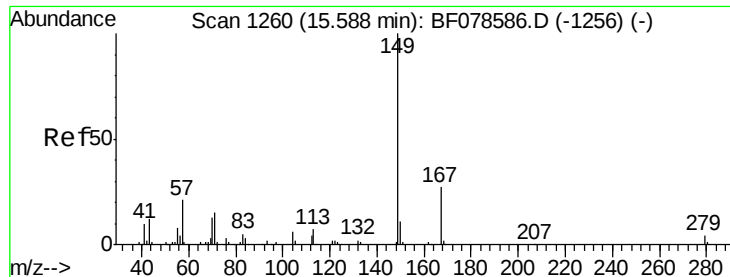
Tot Ion:252 Resp: 91681
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.2 76.8
 126 13.1 6.3 9.5#



#82
 Chrysene
 Concen: 40.21 ng
 RT: 17.75 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF078746.D
 Acq: 23 Apr 2015 12:35

Tgt Ion:228 Resp: 245297
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.4
 229 19.7 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.69 ng

RT: 17.85 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :

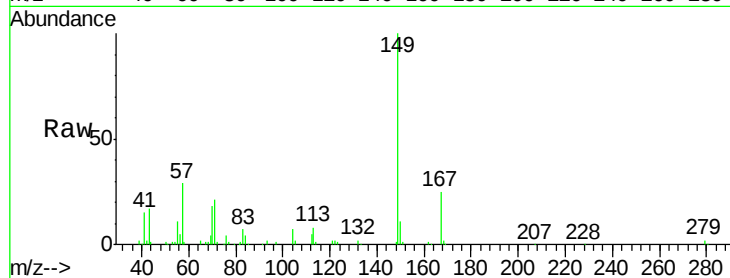
Tot Ion:149 Resp: 174833

Ion Ratio Lower Upper

149 100

167 25.4 22.2 33.2

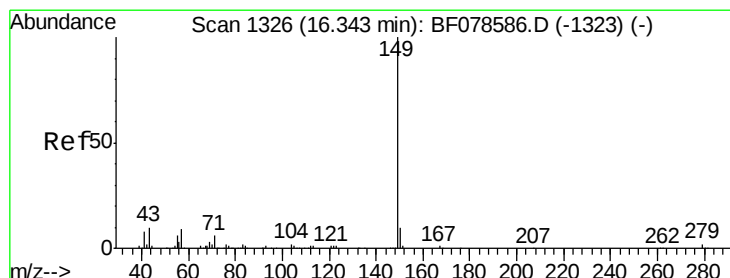
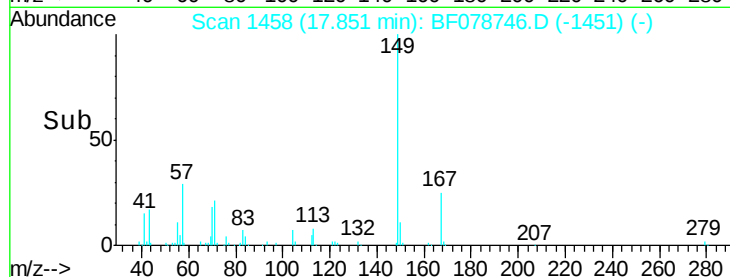
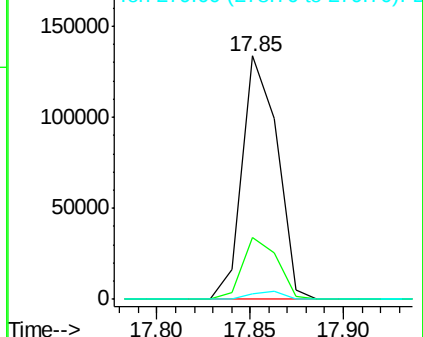
279 2.4 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.43 ng

RT: 18.67 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

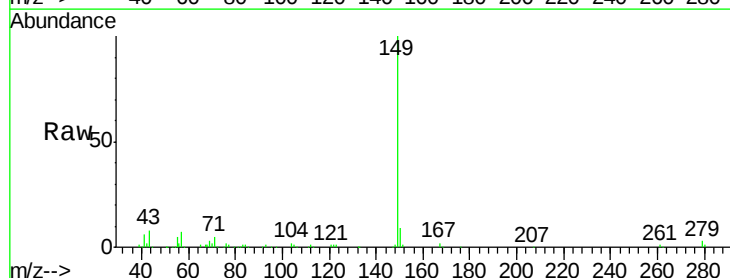
Tgt Ion:149 Resp: 312261

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

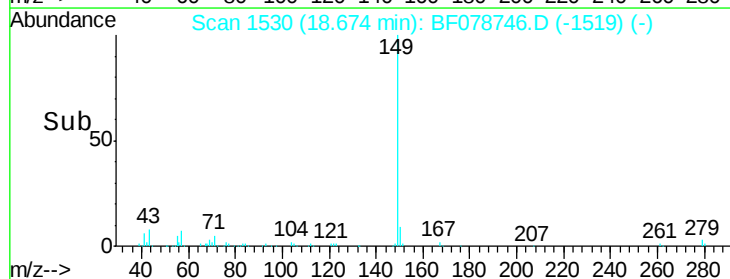
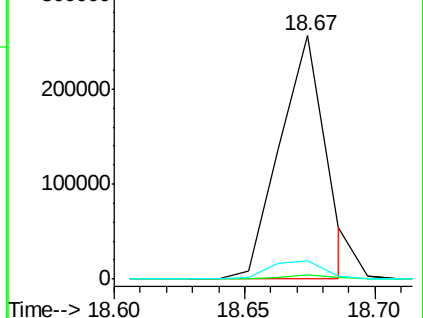
43 8.7 0.0 0.0#

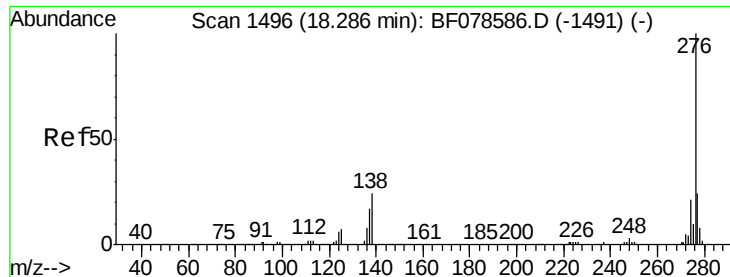


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

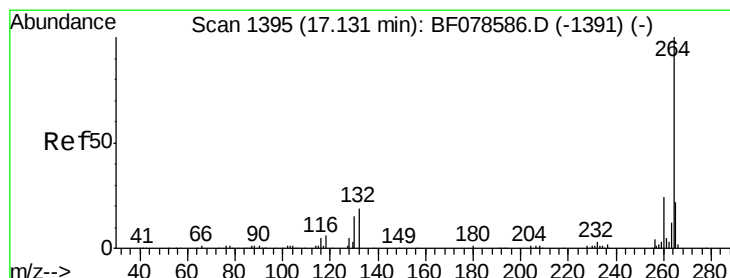
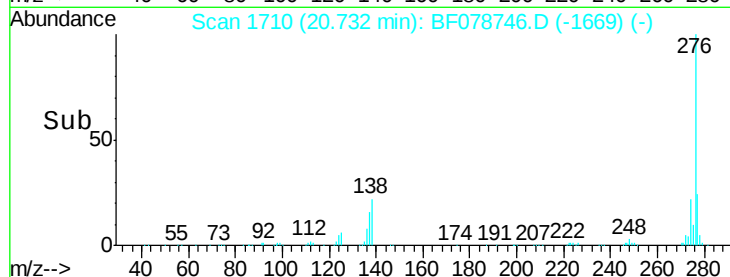
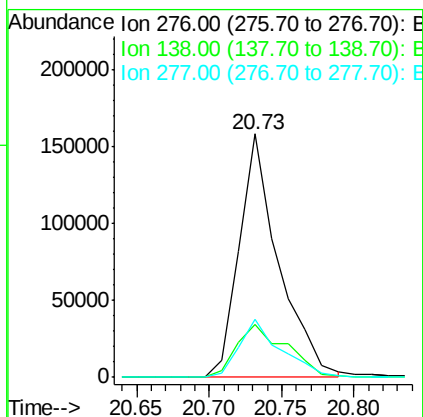
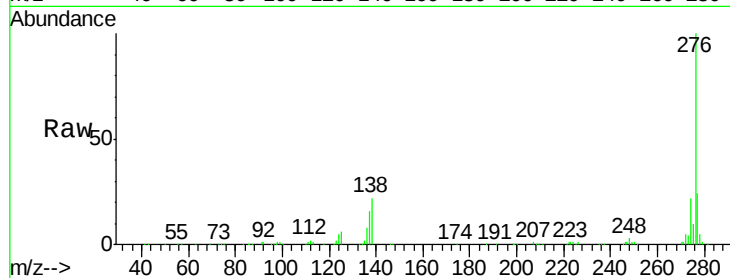




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.06 ng
RT: 20.73 min Scan# 1710
Delta R.T. 0.17 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

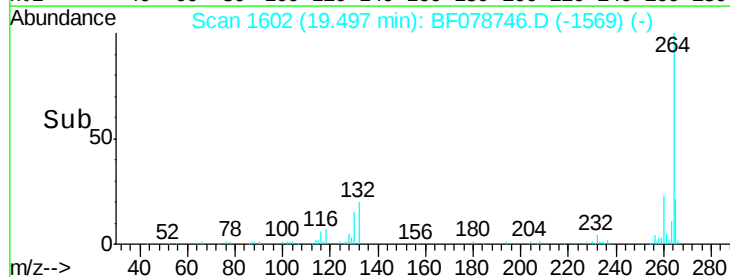
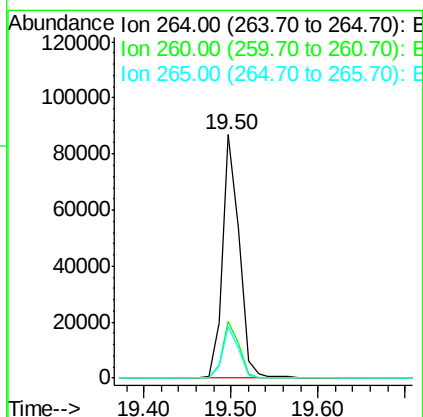
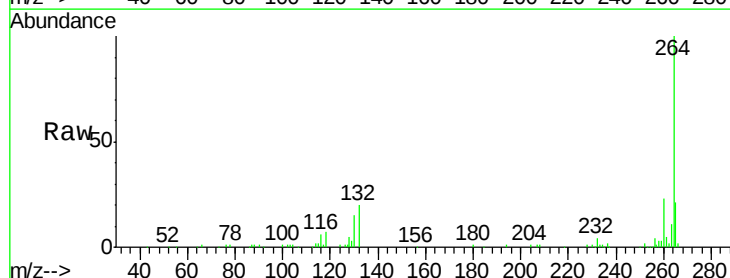
Instrument :
BNA_F
ClientSampleId :

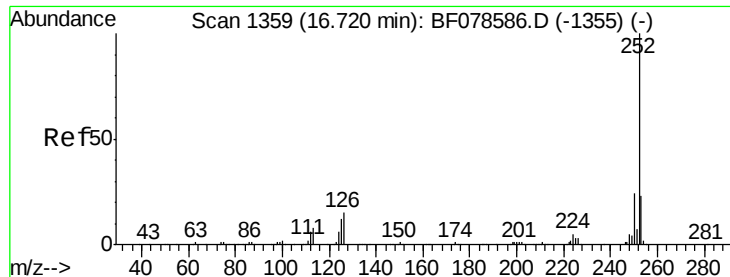
Tot Ion:276 Resp: 298096
Ion Ratio Lower Upper
276 100
138 27.6 16.9 25.3#
277 25.0 15.8 23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.50 min Scan# 1602
Delta R.T. 0.08 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:264 Resp: 117346
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.3 17.0 25.6

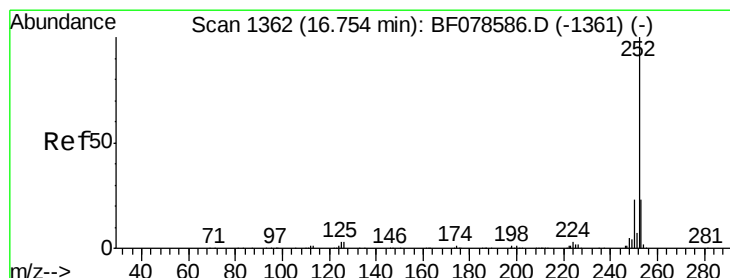
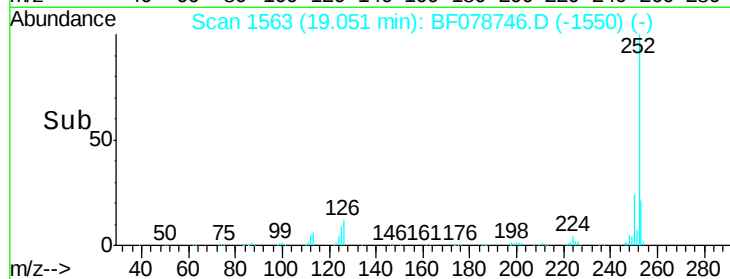
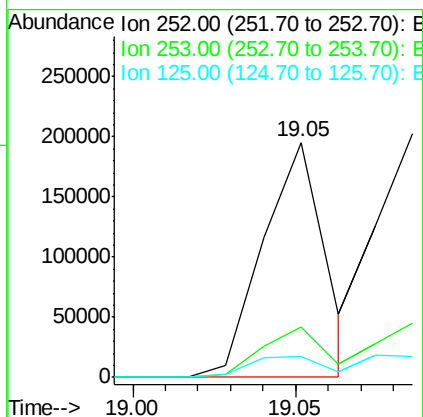
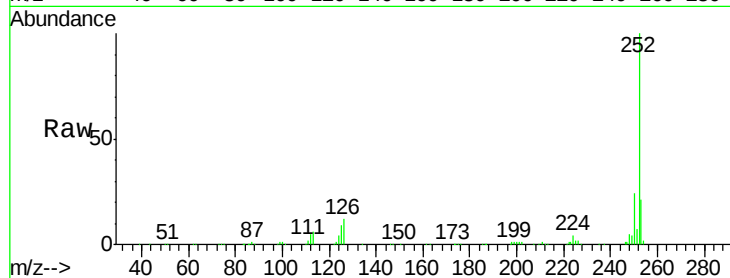




#87
Benzo(b)fluoranthene
Concen: 35.48 ng
RT: 19.05 min Scan# 1563
Delta R.T. 0.05 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

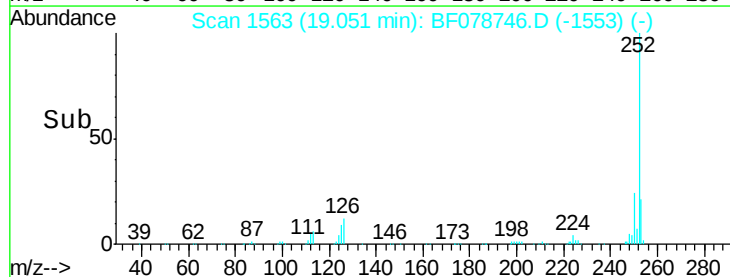
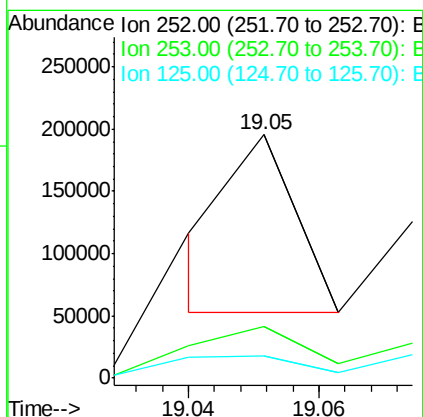
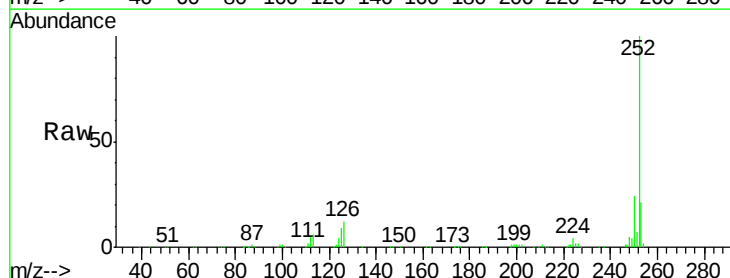
Instrument :
BNA_F
ClientSampleId :

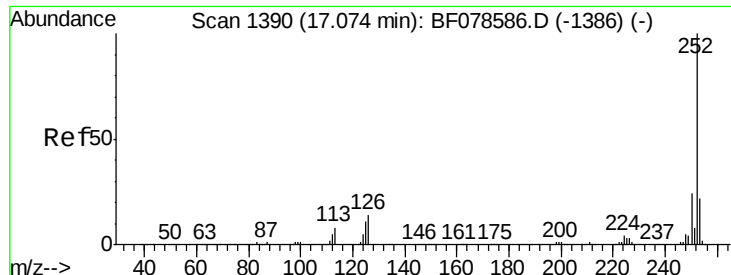
Tot Ion:252 Resp: 257339
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.1 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 15.17 ng
RT: 19.05 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF078746.D
Acq: 23 Apr 2015 12:35

Tgt Ion:252 Resp: 97802
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 9.1 11.6 17.4#





#89

Benzo(a)pyrene

Concen: 38.38 ng

RT: 19.43 min Scan# 1596

Delta R.T. 0.07 min

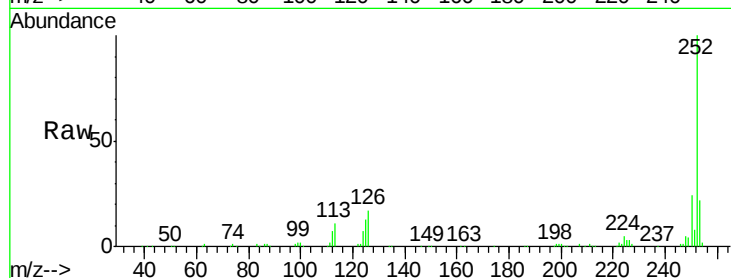
Lab File: BF078746.D

Acq: 23 Apr 2015 12:35

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	252	Resp:	242944
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.8	25.2
125	13.3	7.4	11.0

