

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078790.D
 Acq On : 28 Apr 2015 22:49
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Quant Time: Apr 29 12:38:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	94362	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	386694	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	178181	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	341406	20.00	ng	0.00
75) Chrysene-d12	16.30	240	349396	20.00	ng	-0.01
86) Perylene-d12	18.05	264	325598	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	396270	77.13	ng	0.00
7) Phenol-d6	6.94	99	540937	78.84	ng	0.00
23) Nitrobenzene-d5	8.08	82	434184	80.84	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	135317	78.56	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1036541	79.66	ng	0.00
78) Terphenyl-d14	14.99	244	1124910	76.68	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	93709	39.76	ng	# 21
3) Pyridine	3.14	79	252883	36.33	ng	97
4) n-Nitrosodimethylamine	3.06	42	114387	36.58	ng	99
6) Aniline	6.98	93	390895	39.00	ng	99
8) 2-Chlorophenol	7.12	128	235790	39.93	ng	100
9) Benzaldehyde	6.84	77	193417	39.06	ng	99
10) Phenol	6.95	94	331992	40.93	ng	100
11) bis(2-Chloroethyl)ether	7.07	93	234338	39.07	ng	99
12) 1,3-Dichlorobenzene	7.31	146	261386	38.12	ng	99
13) 1,4-Dichlorobenzene	7.42	146	272298	38.79	ng	98
14) 1,2-Dichlorobenzene	7.60	146	255664	38.98	ng	98
15) Benzyl Alcohol	7.56	79	206189	40.33	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.75	45	367509	39.19	ng	99
17) 2-Methylphenol	7.70	107	190119	39.77	ng	98
18) Hexachloroethane	8.02	117	89617	38.65	ng	96
19) n-Nitroso-di-n-propylamine	7.91	70	183463	38.32	ng	# 82
20) 3+4-Methylphenols	7.90	107	250114	40.16	ng	99
22) Acetophenone	7.90	105	339488	39.63	ng	99
24) Nitrobenzene	8.10	77	239508	41.64	ng	99
25) Isophorone	8.40	82	479884	39.52	ng	100
26) 2-Nitrophenol	8.50	139	57528	36.49	ng	99
27) 2,4-Dimethylphenol	8.55	122	212538	39.46	ng	100
28) bis(2-Chloroethoxy)methane	8.68	93	292496	39.01	ng	100
29) 2,4-Dichlorophenol	8.79	162	192312	41.77	ng	99
30) 1,2,4-Trichlorobenzene	8.90	180	207488	39.24	ng	97
31) Naphthalene	8.99	128	702108	38.25	ng	100
32) Benzoic acid	8.64	122	57992	35.48	ng	92
33) 4-Chloroaniline	9.06	127	302127	39.11	ng	98
34) Hexachlorobutadiene	9.15	225	116284	38.98	ng	99
35) Caprolactam	9.48	113	54797	37.38	ng	88
36) 4-Chloro-3-methylphenol	9.66	107	203014	42.00	ng	98
37) 2-Methylnaphthalene	9.85	142	478367	38.74	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	195847	38.79	ng	# 100
40) Hexachlorocyclopentadiene	10.04	237	84523	39.83	ng	100

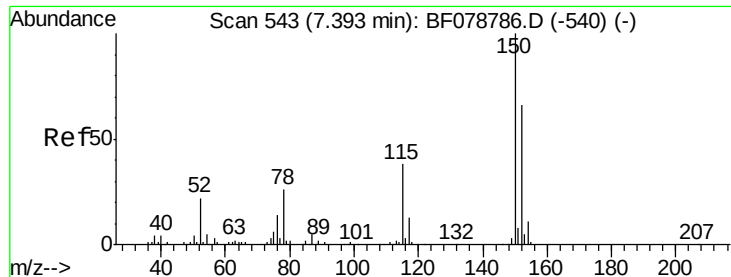
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078790.D
 Acq On : 28 Apr 2015 22:49
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Quant Time: Apr 29 12:38:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	117065	38.06	nq	99
43) 2,4,5-Trichlorophenol	10.24	196	133319	40.72	nq	97
45) 1,1'-Biphenyl	10.43	154	561824	39.29	nq	100
46) 2-Chloronaphthalene	10.46	162	437674	39.17	nq	100
47) 2-Nitroaniline	10.58	65	97229	39.83	nq	100
48) Acenaphthylene	10.97	152	728894	39.86	nq	100
49) Dimethylphthalate	10.82	163	514321	40.60	nq	100
50) 2,6-Dinitrotoluene	10.89	165	85344	41.36	nq	97
51) Acenaphthene	11.19	154	422166	39.31	nq	99
52) 3-Nitroaniline	11.10	138	108909	40.68	nq	94
53) 2,4-Dinitrophenol	11.22	184	10825	36.27	nq	89
54) Dibenzofuran	11.41	168	622974	39.54	nq	100
55) 4-Nitrophenol	11.29	139	73088	37.78	nq	98
56) 2,4-Dinitrotoluene	11.38	165	95643	40.61	nq	92
57) Fluorene	11.83	166	507167	40.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.55	232	95745	39.05	nq	# 100
59) Diethylphthalate	11.70	149	519288	41.20	nq	99
60) 4-Chlorophenyl-phenylether	11.84	204	224162	40.00	nq	99
61) 4-Nitroaniline	11.85	138	116754	43.04	nq	95
62) Azobenzene	12.03	77	528328	41.11	nq	99
64) 4,6-Dinitro-2-methylphenol	11.89	198	21017	39.96	nq	89
65) n-Nitrosodiphenylamine	11.98	169	429021	38.87	nq	100
66) 4-Bromophenyl-phenylether	12.45	248	136102	39.49	nq	97
67) Hexachlorobenzene	12.50	284	151039	38.69	nq	99
68) Atrazine	12.65	200	123378	41.73	nq	97
69) Pentachlorophenol	12.75	266	65019	40.91	nq	98
70) Phenanthrene	13.03	178	732754	39.64	nq	100
71) Anthracene	13.09	178	694735	38.44	nq	99
72) Carbazole	13.29	167	705816	41.36	nq	100
73) Di-n-butylphthalate	13.74	149	795043	40.21	nq	100
74) Fluoranthene	14.50	202	740807	40.19	nq	99
76) Benzidine	14.69	184	445576	39.40	nq	100
77) Pyrene	14.79	202	804743	39.42	nq	99
79) Butylbenzylphthalate	15.61	149	307882	39.33	nq	95
80) Benzo(a)anthracene	16.29	228	744420	39.71	nq	99
81) 3,3'-Dichlorobenzidine	16.26	252	242415	37.99	nq	99
82) Chrysene	16.33	228	690167	37.77	nq	99
83) Bis(2-ethylhexyl)phthalate	16.33	149	496922	39.54	nq	# 95
84) Di-n-octyl phthalate	17.13	149	727499	37.46	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.58	276	818215	39.47	nq	# 100
87) Benzo(b)fluoranthene	17.59	252	742395	42.12	nq	100
88) Benzo(k)fluoranthene	17.62	252	658963	38.58	nq	99
89) Benzo(a)pyrene	17.99	252	650300	41.24	nq	99
90) Dibenzo(a,h)anthracene	19.61	278	665667	40.76	nq	98
91) Benzo(g,h,i)perylene	20.03	276	666194	40.64	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

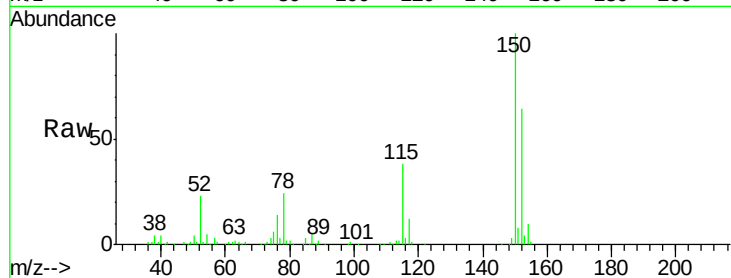
Tot Ion:152 Resp: 94362

Ion Ratio Lower Upper

152 100

150 157.0 122.0 183.0

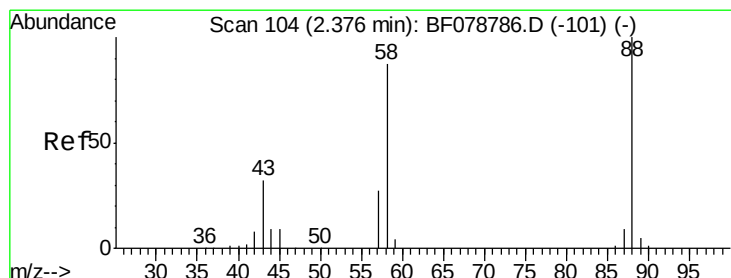
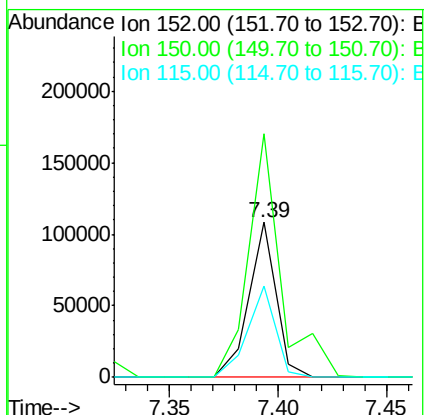
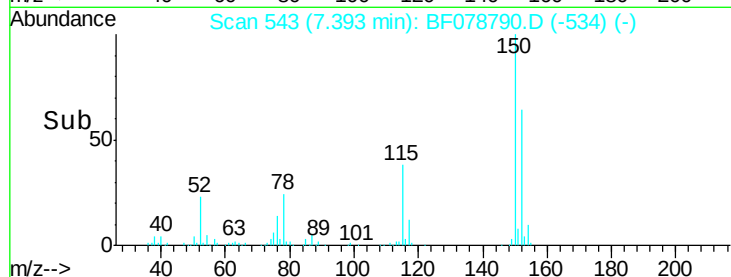
115 59.2 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.76 ng

RT: 2.38 min Scan# 104

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

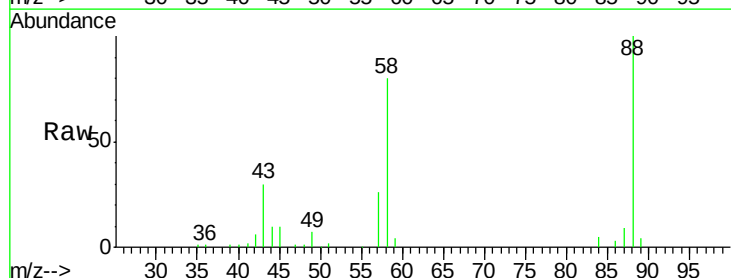
Tgt Ion: 88 Resp: 93709

Ion Ratio Lower Upper

88 100

58 78.0 0.0 0.0#

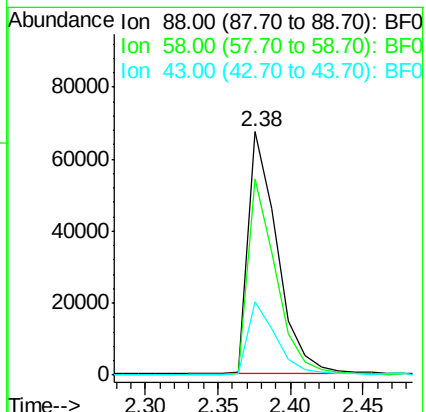
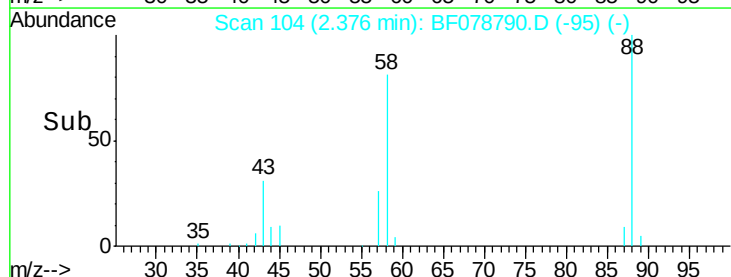
43 30.2 3.3 4.9#

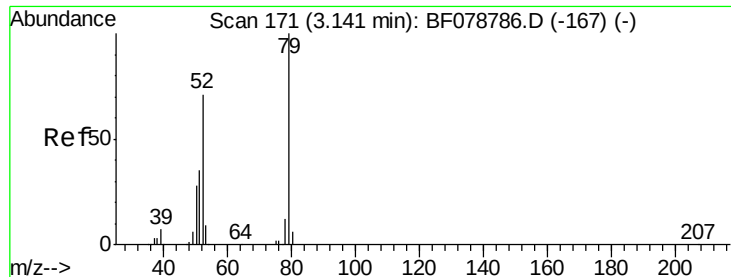


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.33 ng

RT: 3.14 min Scan# 171

Delta R.T. 0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

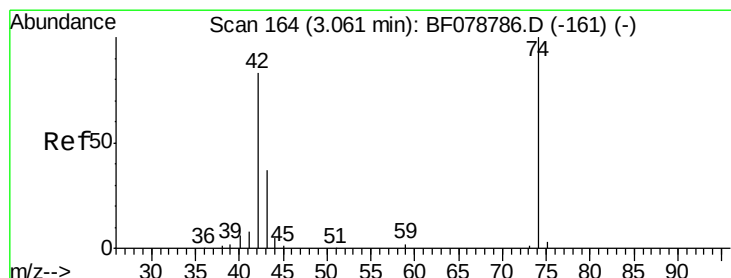
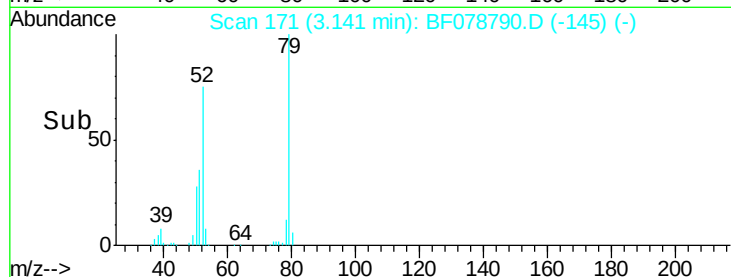
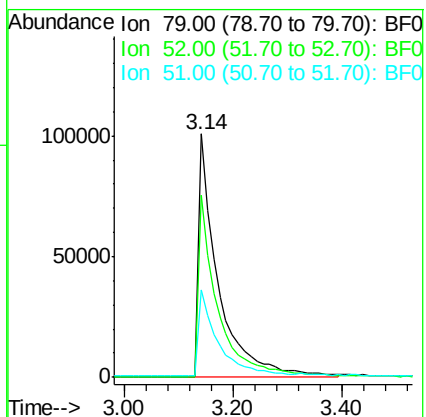
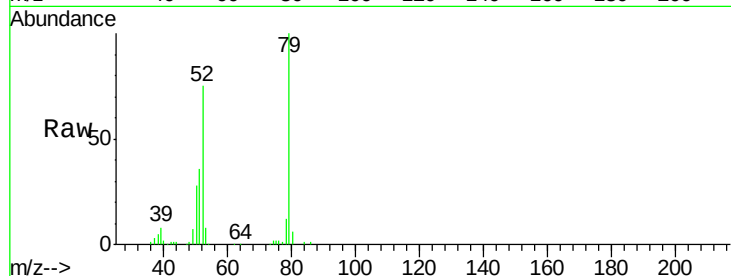
Tot Ion: 79 Resp: 252883

Ion Ratio Lower Upper

79 100

52 75.0 57.2 85.8

51 36.1 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 36.58 ng

RT: 3.06 min Scan# 164

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

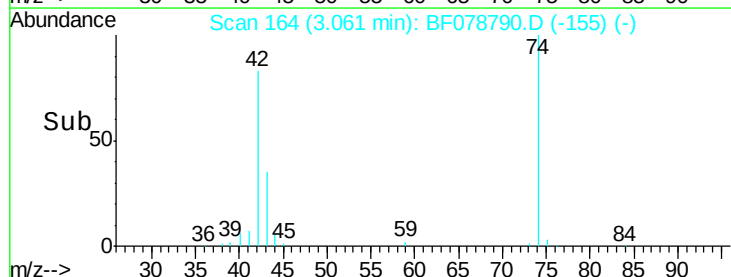
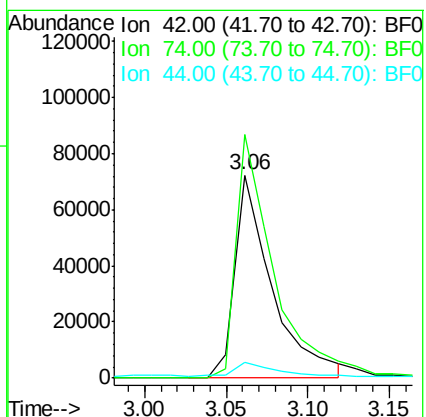
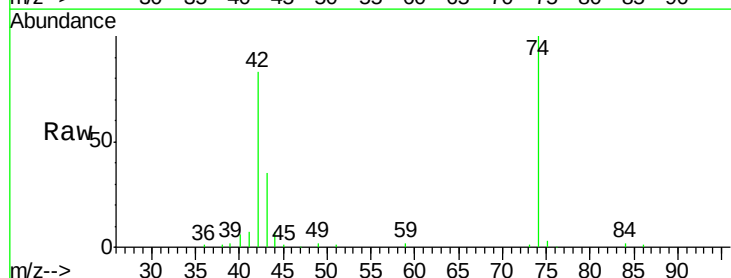
Tgt Ion: 42 Resp: 114387

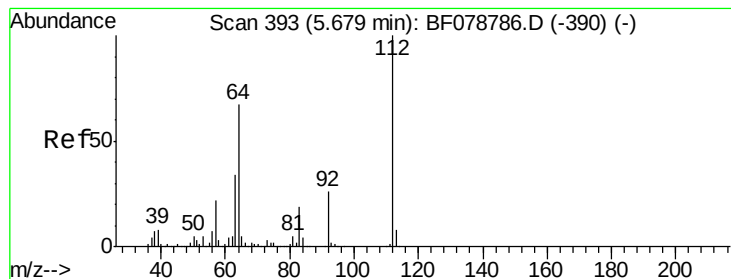
Ion Ratio Lower Upper

42 100

74 119.8 96.5 144.7

44 8.0 6.1 9.1

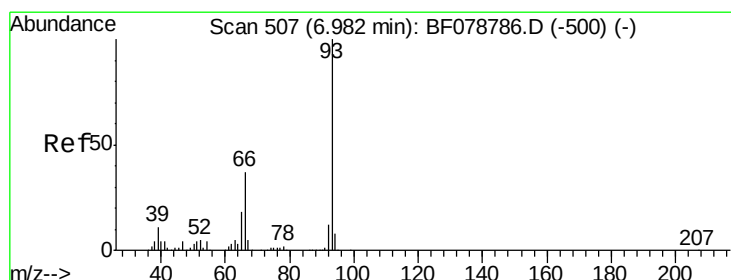
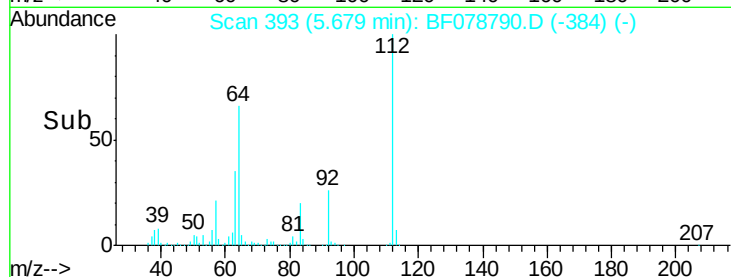
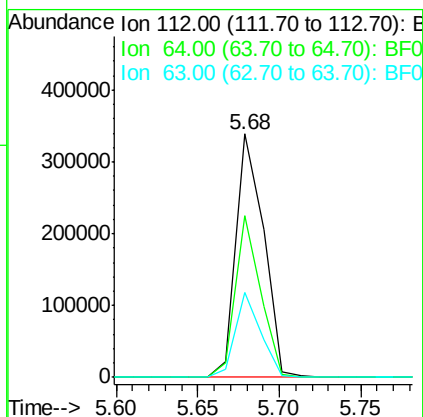
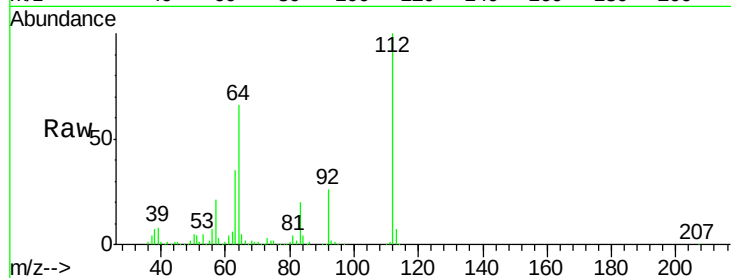




#5
 2-Fluorophenol
 Concen: 77.13 ng
 RT: 5.68 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

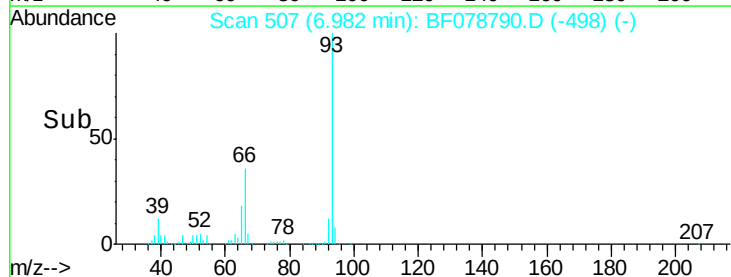
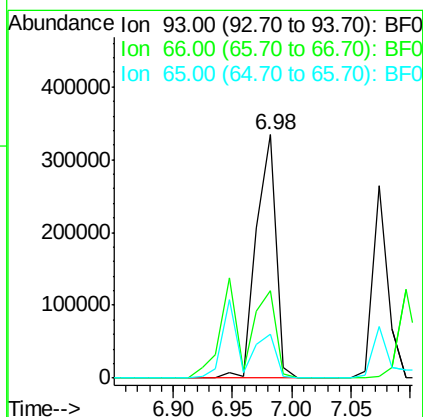
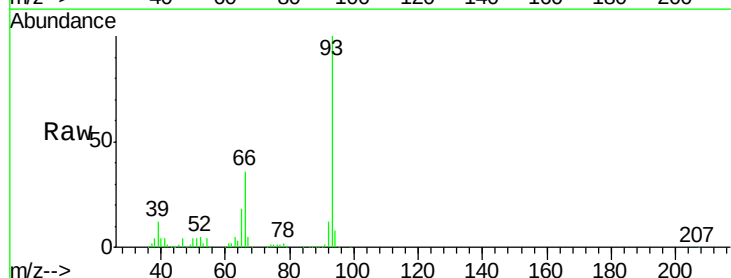
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

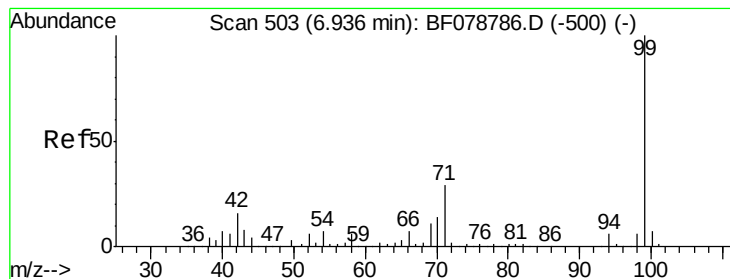
Tot Ion:112 Resp: 396270
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.5 80.3
 63 34.9 27.5 41.3



#6
 Aniline
 Concen: 39.00 ng
 RT: 6.98 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion: 93 Resp: 390895
 Ion Ratio Lower Upper
 93 100
 66 36.1 29.7 44.5
 65 18.2 14.6 22.0





#7

Phenol-d6

Concen: 78.84 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

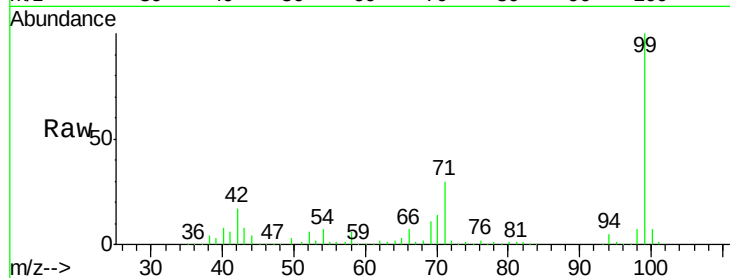
Tot Ion: 99 Resp: 540937

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

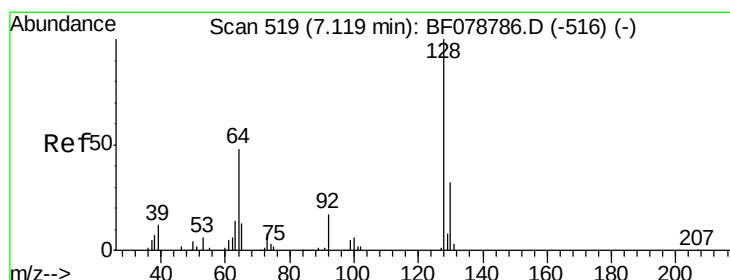
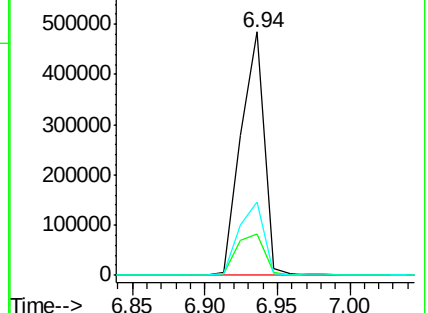
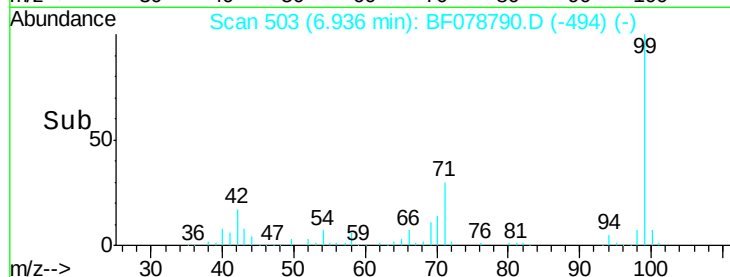
71 30.1 23.4 35.2



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: 39.93 ng

RT: 7.12 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

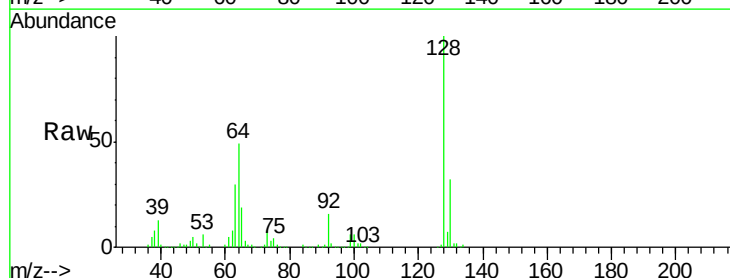
Tgt Ion: 128 Resp: 235790

Ion Ratio Lower Upper

128 100

130 32.0 12.1 52.1

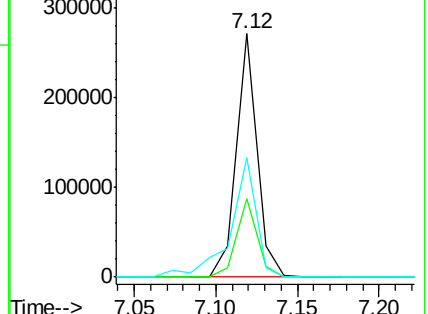
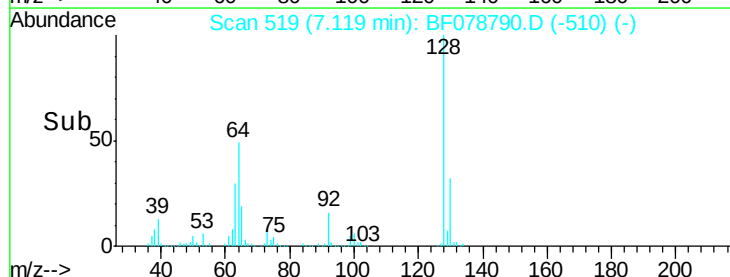
64 49.3 29.6 69.6

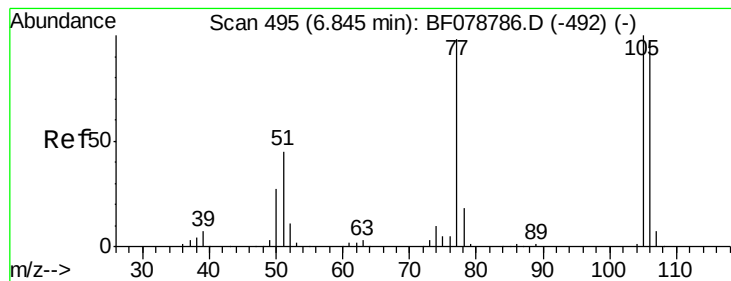


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.06 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

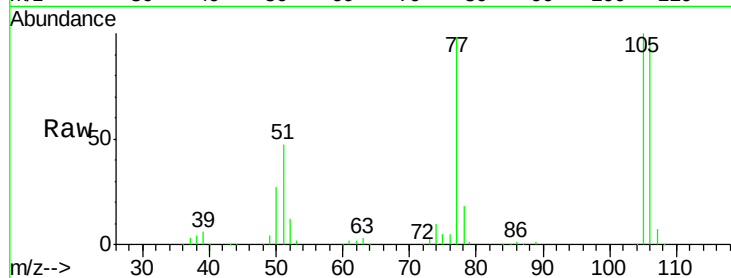
Tot Ion: 77 Resp: 193417

Ion Ratio Lower Upper

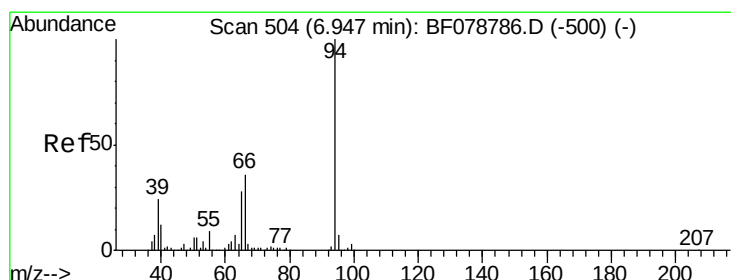
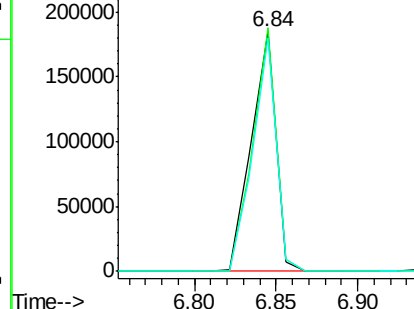
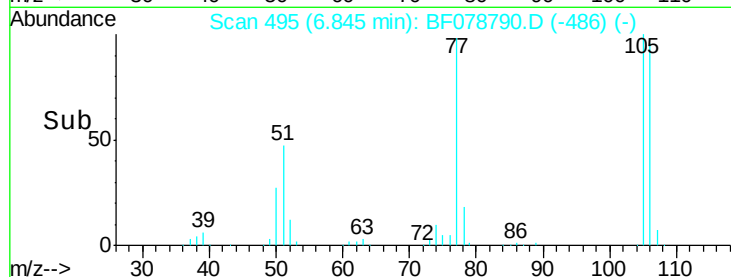
77 100

105 101.7 81.7 121.7

106 97.3 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.93 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

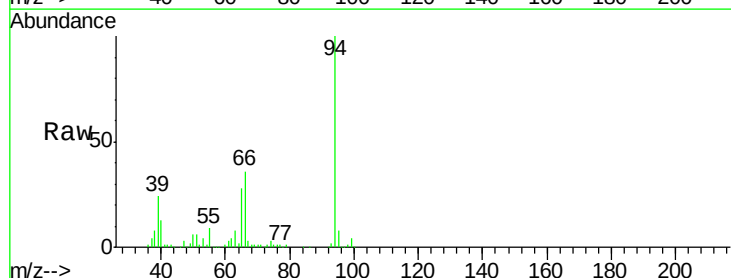
Tgt Ion: 94 Resp: 331992

Ion Ratio Lower Upper

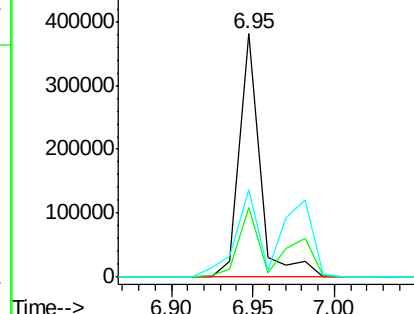
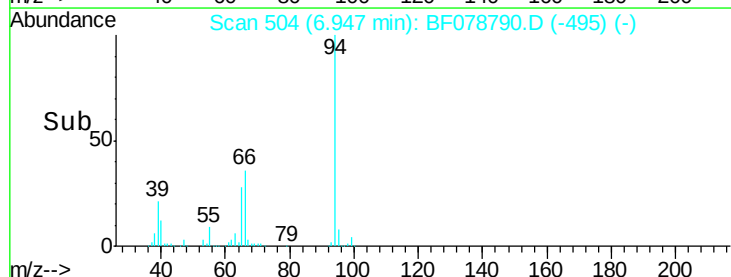
94 100

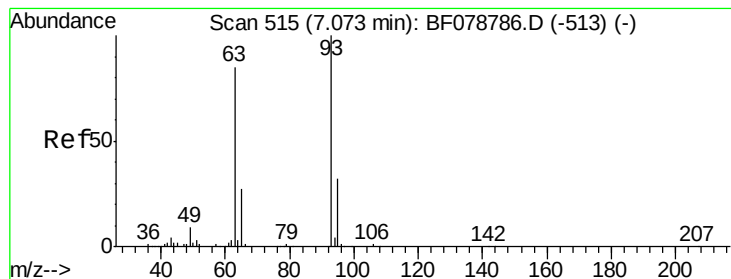
65 28.5 8.5 48.5

66 36.0 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

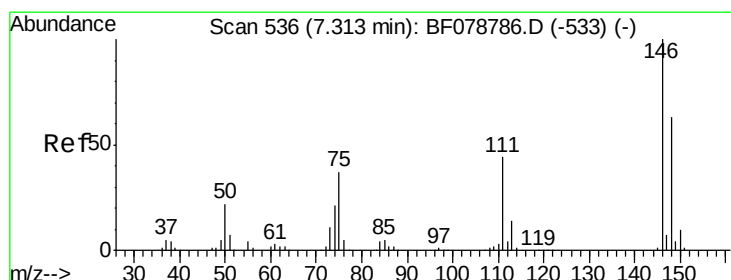
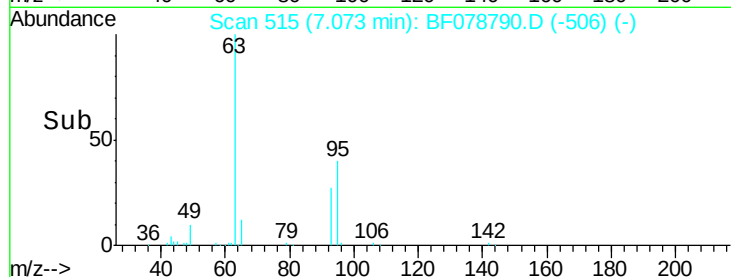
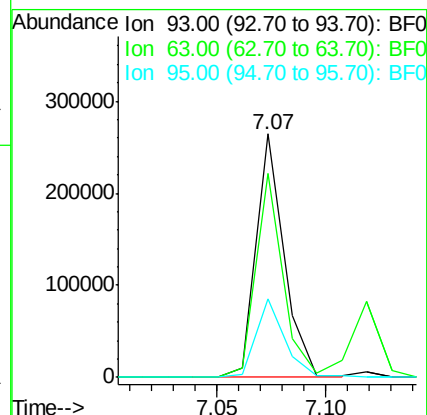
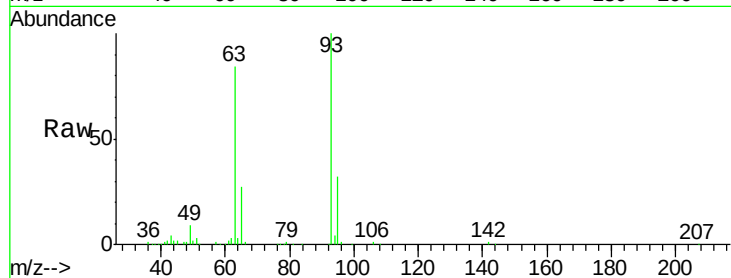




#11
bis(2-Chloroethyl)ether
Concen: 39.07 ng
RT: 7.07 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

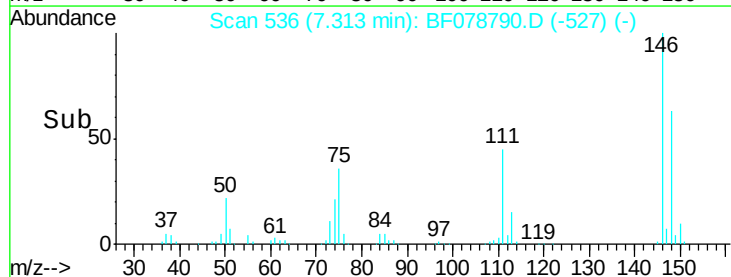
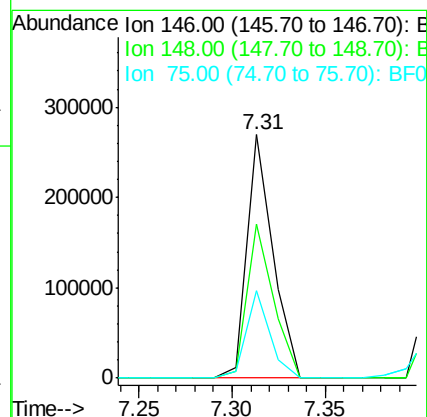
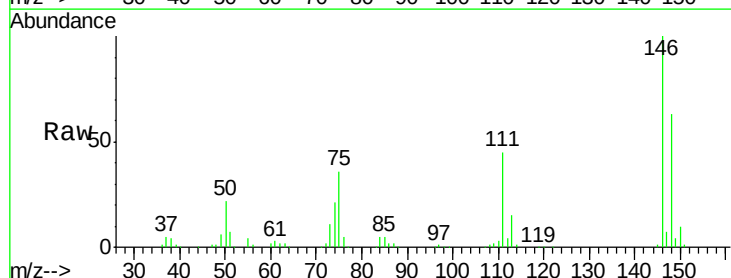
Instrument :
BNA_F
ClientSampleId :
ICVBF042815

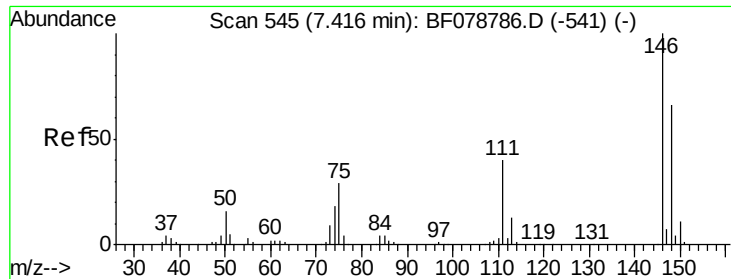
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.6	64.8	104.8
95	32.1	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 38.12 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
75	35.8	29.2	43.8

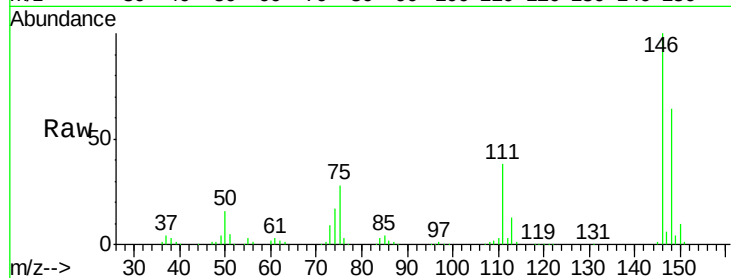




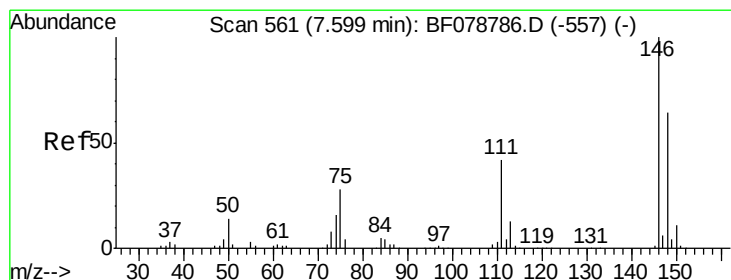
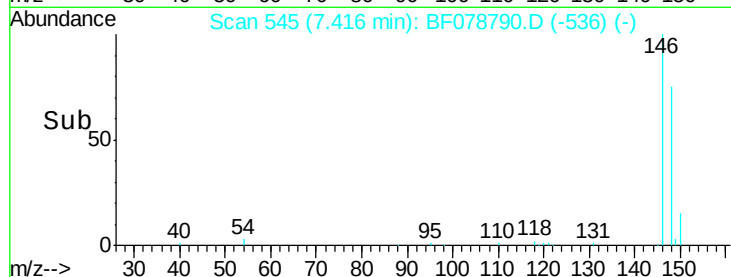
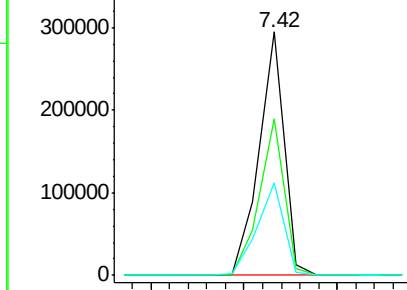
#13
 1,4-Dichlorobenzene
 Concen: 38.79 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Tot Ion:146 Resp: 272298
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.8 79.2
 111 38.0 31.7 47.5

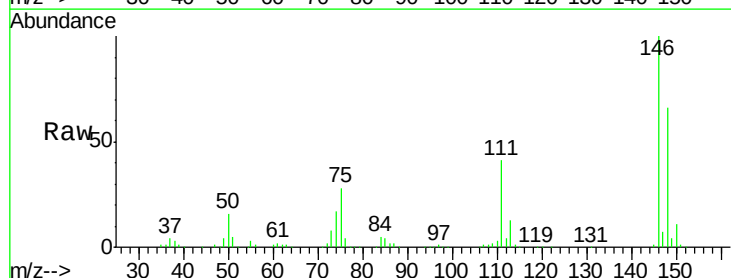


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

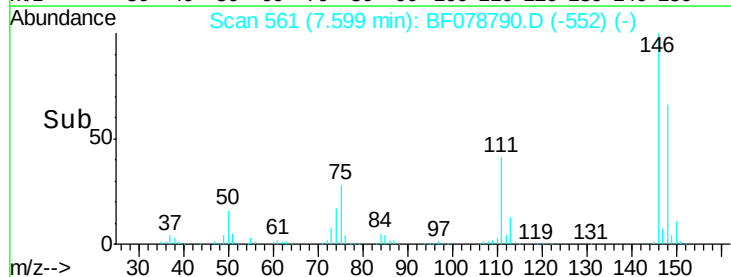
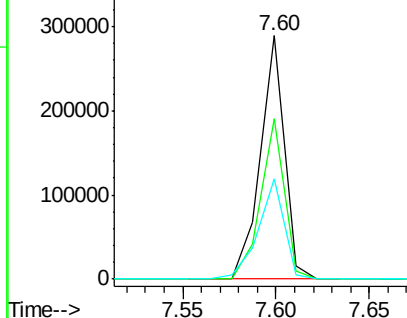


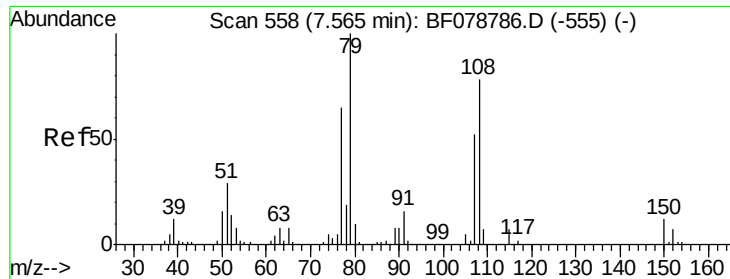
#14
 1,2-Dichlorobenzene
 Concen: 38.98 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:146 Resp: 255664
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.2 76.8
 111 41.2 33.3 49.9



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

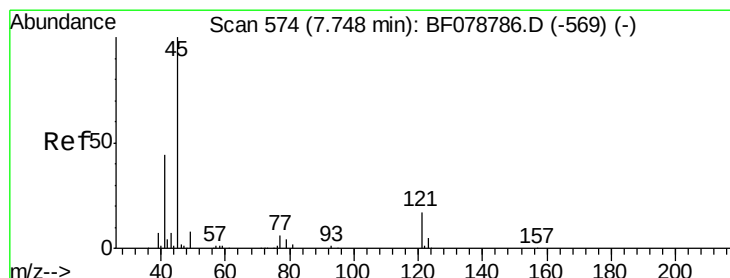
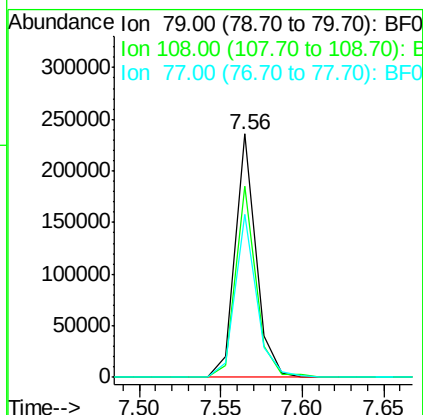
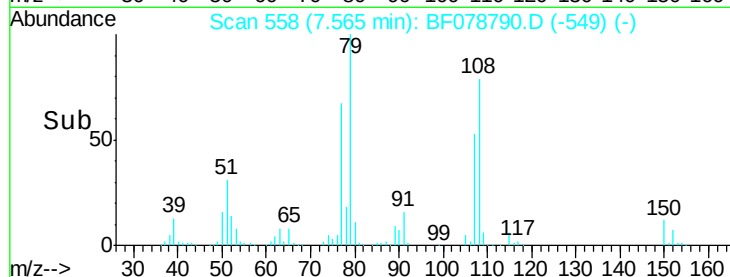
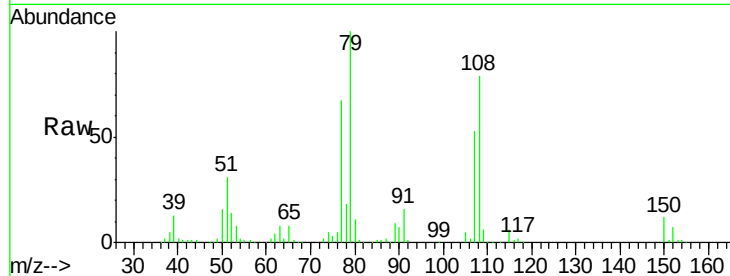




#15
Benzyl Alcohol
Concen: 40.33 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

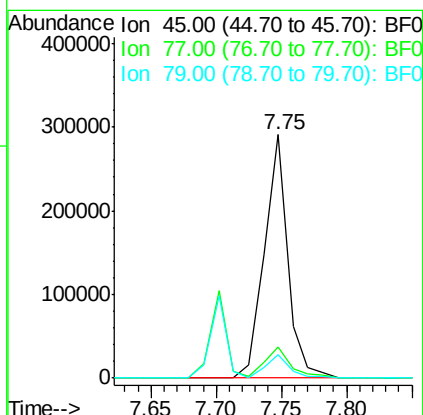
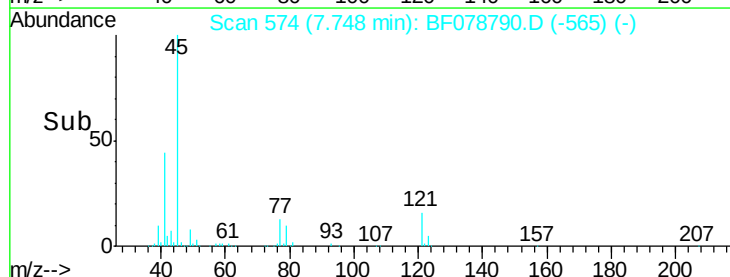
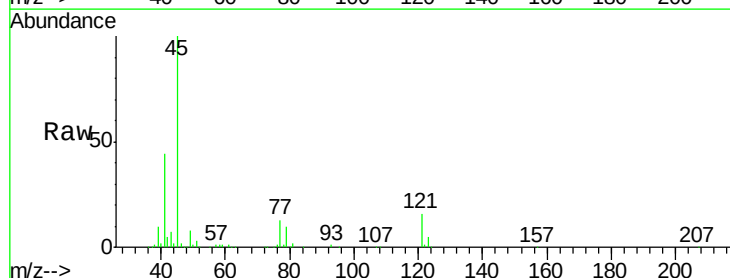
Instrument :
BNA_F
ClientSampleId :
ICVBF042815

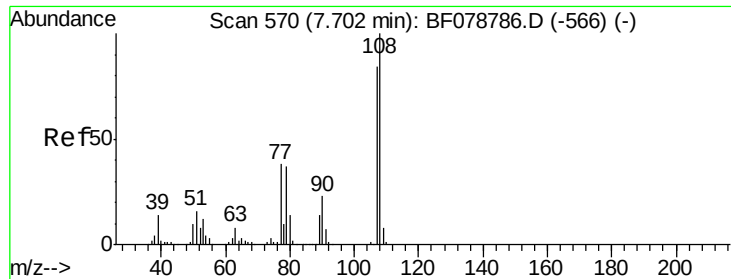
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.6	62.5	93.7
77	66.7	52.2	78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.19 ng
RT: 7.75 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	32.3
79	9.7	0.0	30.1





#17

2-Methylphenol

Concen: 39.77 ng

RT: 7.70 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

Tot Ion:107 Resp: 190119

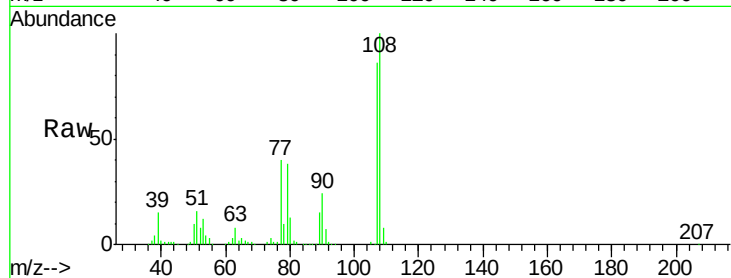
Ion Ratio Lower Upper

107 100

108 115.7 94.9 142.3

77 45.9 36.2 54.4

79 43.6 35.2 52.8



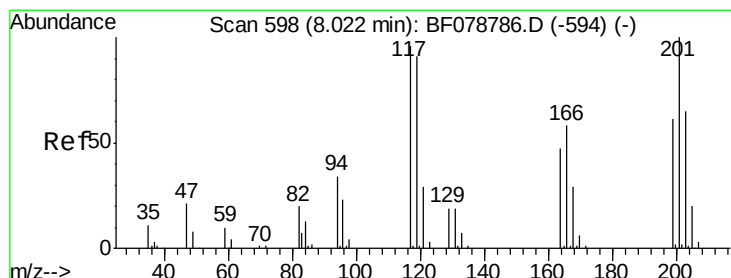
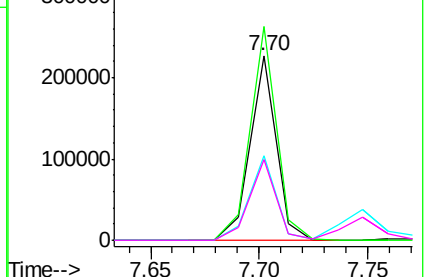
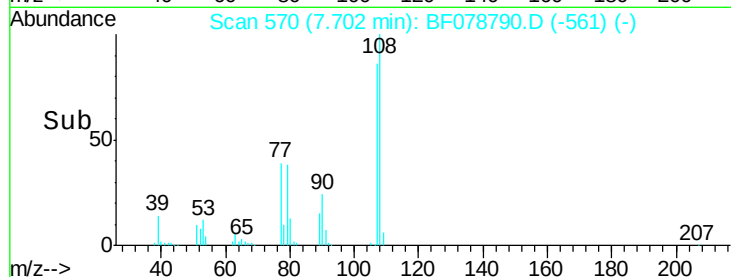
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 38.65 ng

RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

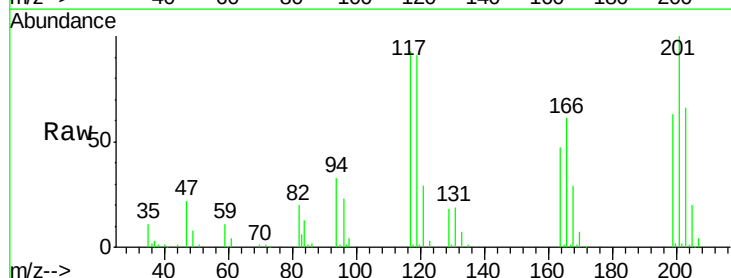
Tgt Ion:117 Resp: 89617

Ion Ratio Lower Upper

117 100

119 98.0 75.4 113.0

201 107.8 83.2 124.8

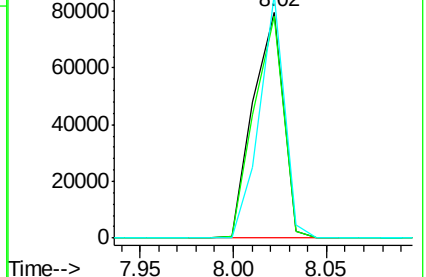
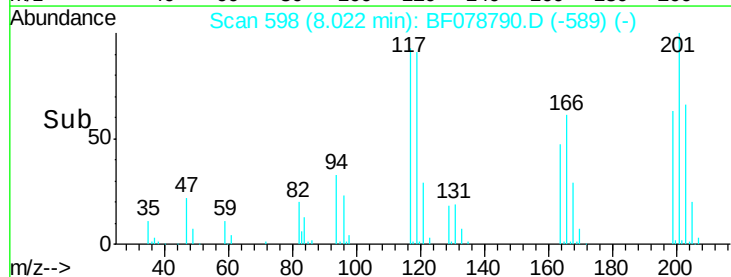


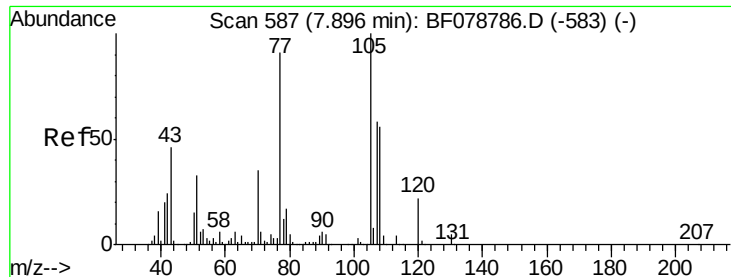
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

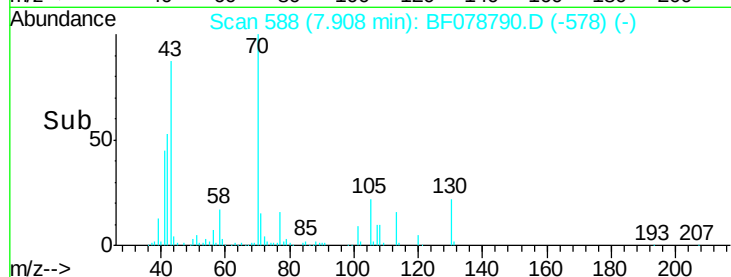
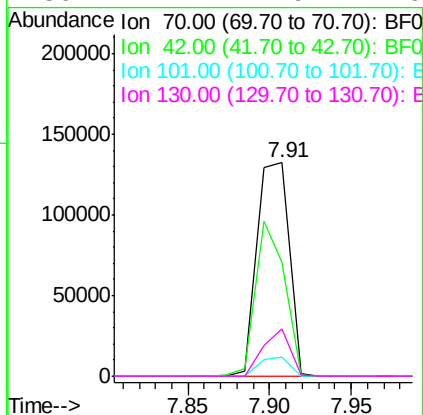
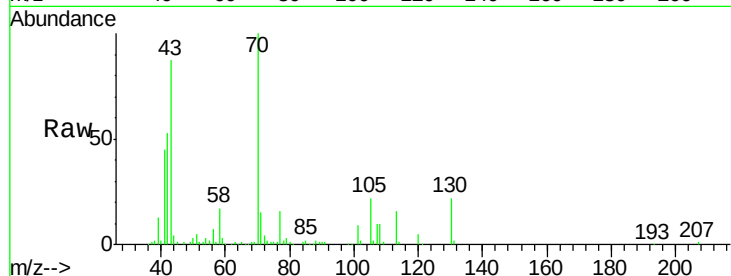




#19
n-Nitroso-di-n-propylamine
Concen: 38.32 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

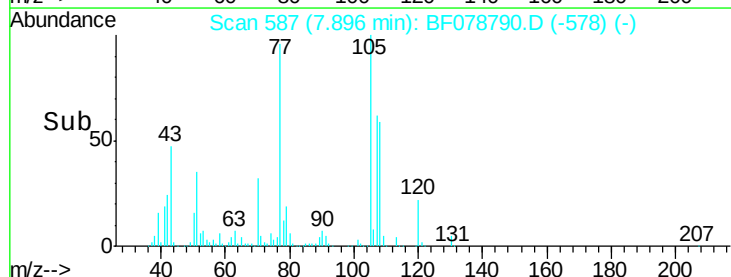
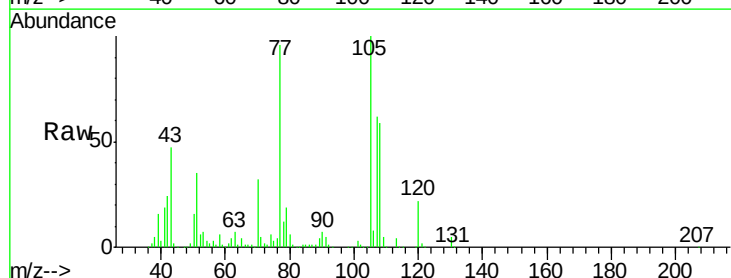
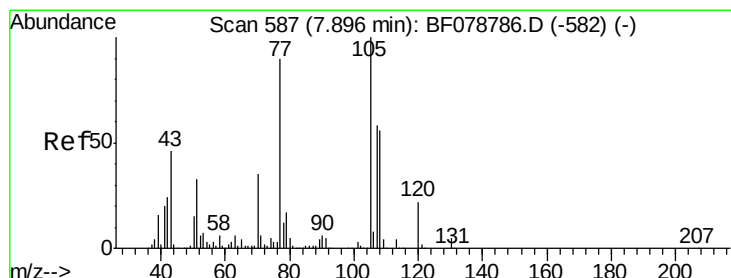
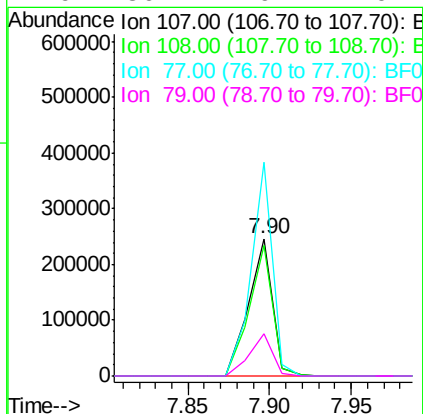
Instrument :
BNA_F
ClientSampleId :
ICVBF042815

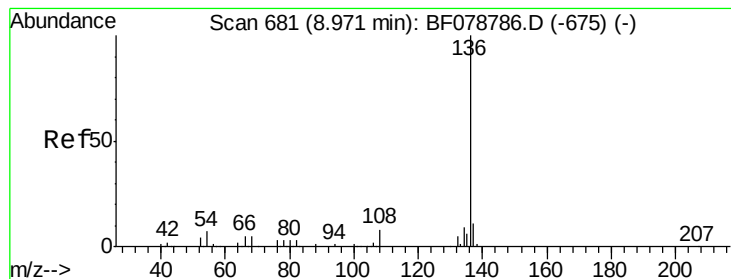
Tot Ion: 70 Resp: 183463
Ion Ratio Lower Upper
70 100
42 53.2 55.4 83.0#
101 9.2 6.6 10.0
130 22.1 11.9 17.9#



#20
3+4-Methylphenols
Concen: 40.16 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion:107 Resp: 250114
Ion Ratio Lower Upper
107 100
108 95.4 76.9 116.9
77 155.5 136.8 176.8
79 30.4 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

Tot Ion:136 Resp: 386694

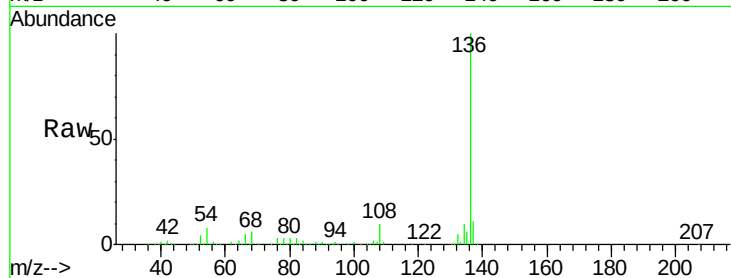
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.7 5.8 8.8

68 5.6 4.2 6.4

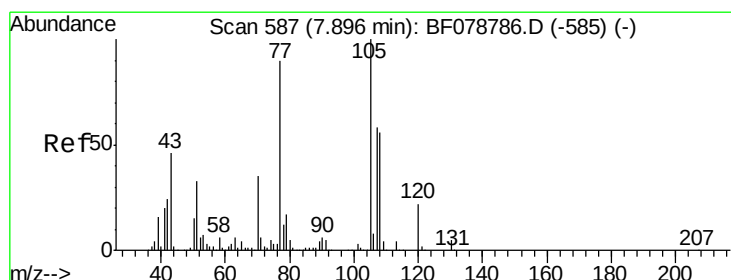
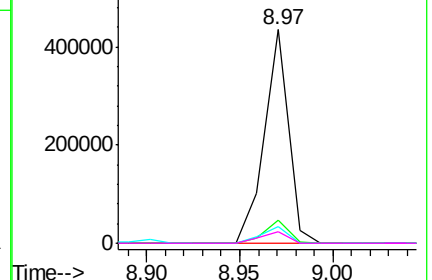
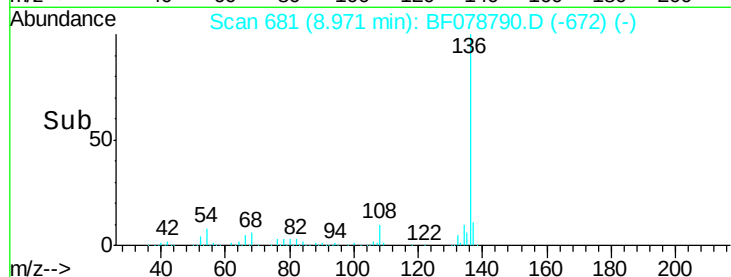


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.63 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Tgt Ion:105 Resp: 339488

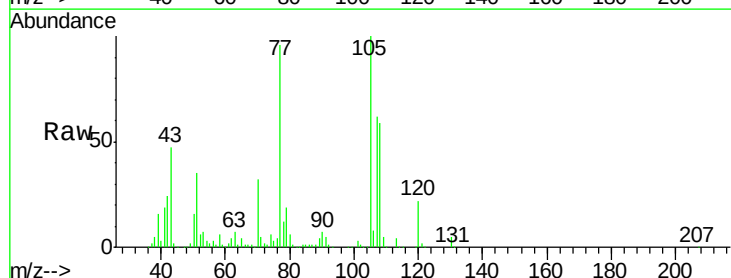
Ion Ratio Lower Upper

105 100

71 5.3 4.6 6.8

51 34.6 26.7 40.1

120 21.9 17.4 26.0

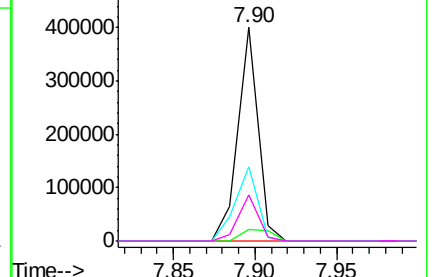
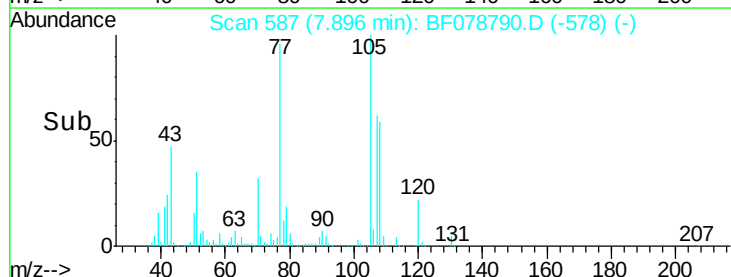


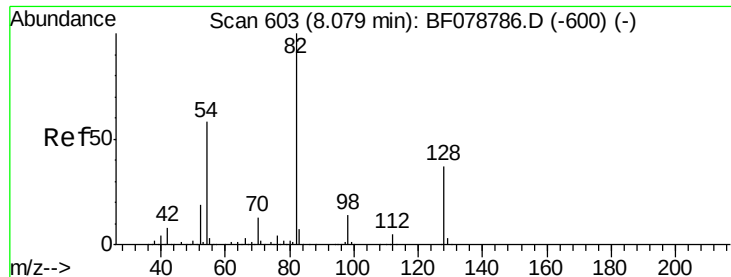
Abundance Ion 105.00 (104.70 to 105.70): E

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

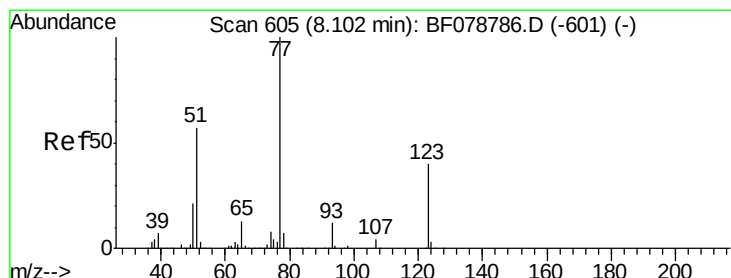
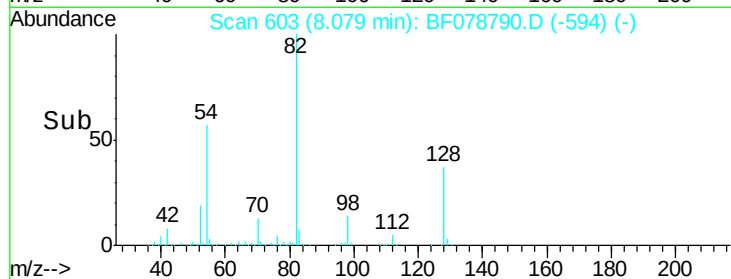
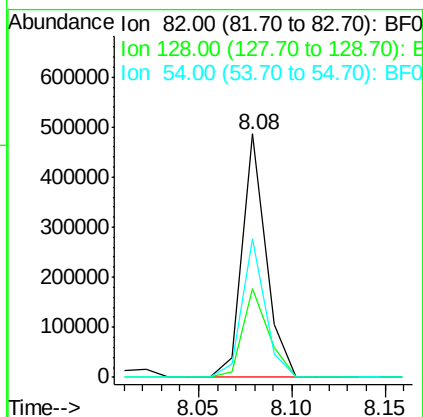
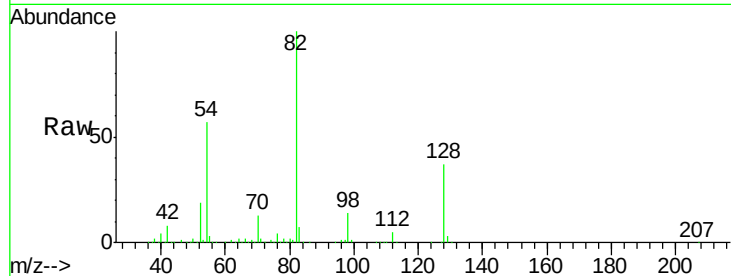




#23
 Nitrobenzene-d5
 Concen: 80.84 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

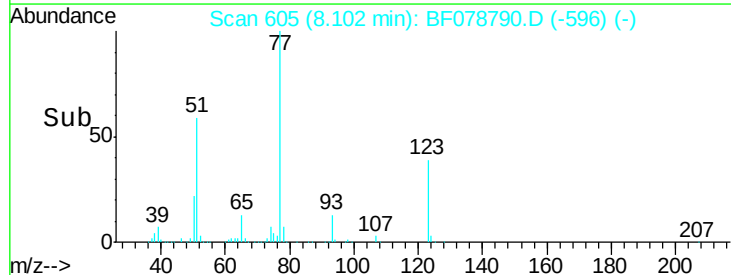
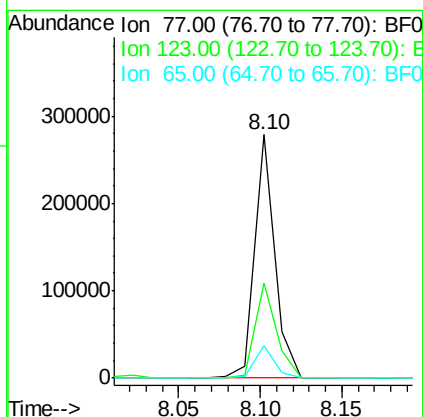
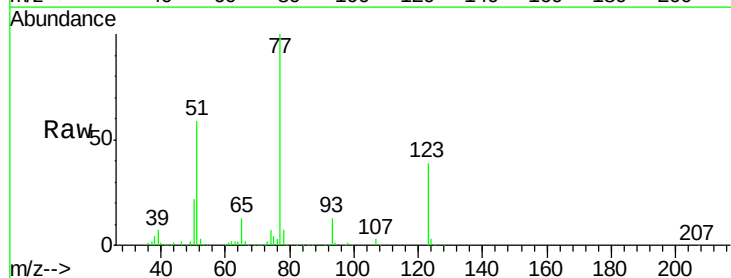
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

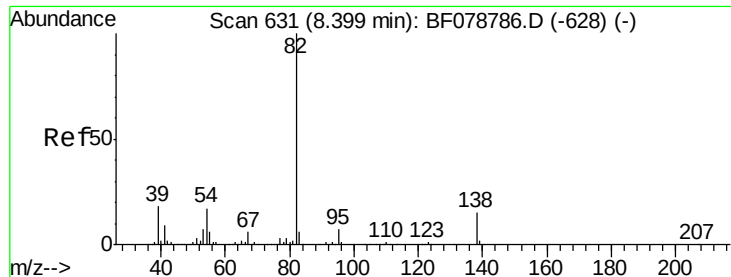
Tot Ion	82	Resp	434184
Ion Ratio	100	Lower	Upper
128	36.6	30.0	45.0
54	56.8	46.4	69.6



#24
 Nitrobenzene
 Concen: 41.64 ng
 RT: 8.10 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion	77	Resp	239508
Ion Ratio	100	Lower	Upper
123	39.1	31.8	47.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 39.52 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

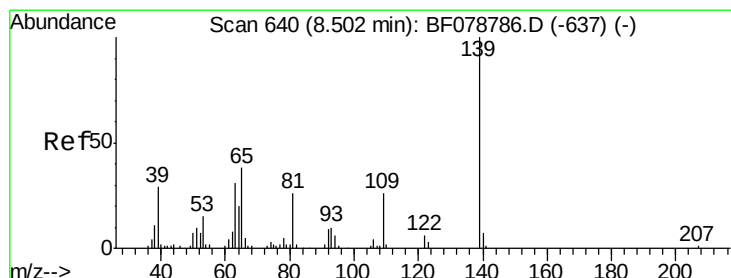
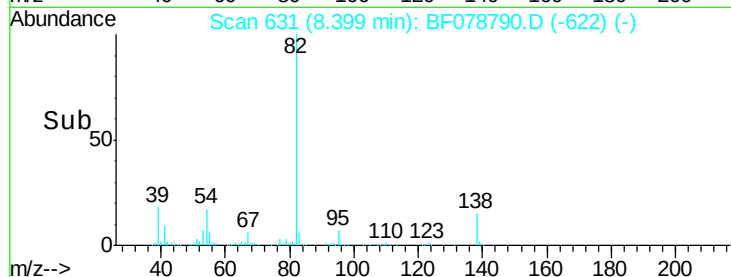
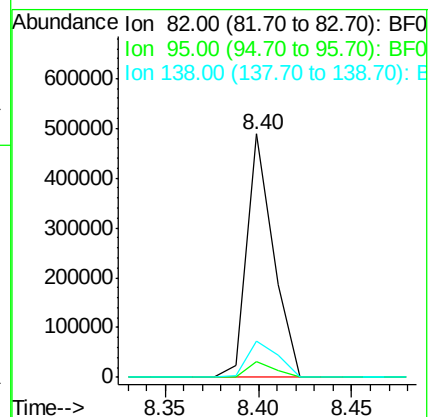
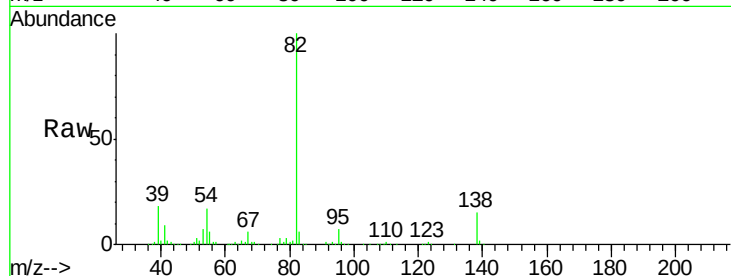
Tot Ion: 82 Resp: 479884

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 14.8 12.0 18.0



#26

2-Nitrophenol

Concen: 36.49 ng

RT: 8.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

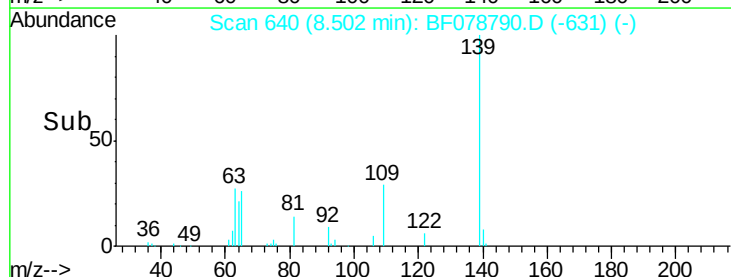
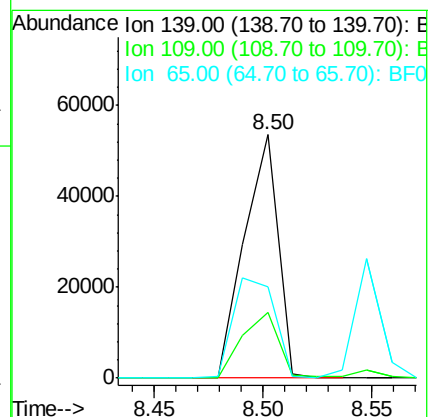
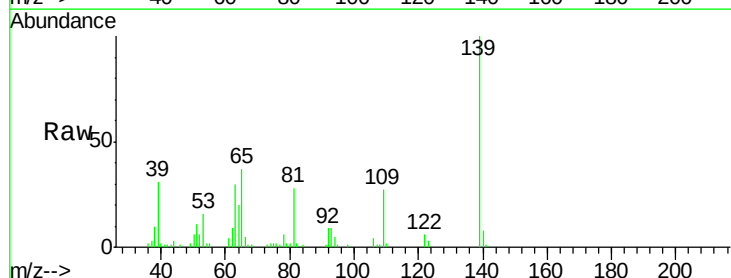
Tgt Ion: 139 Resp: 57528

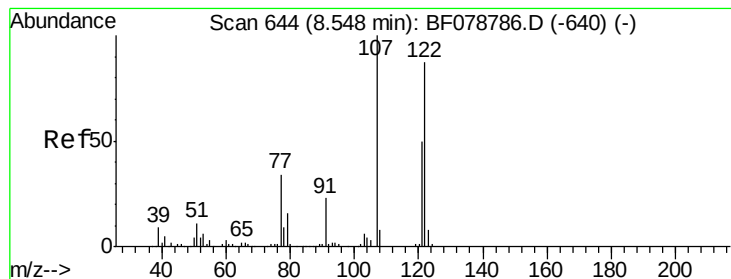
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.4

65 37.3 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 39.46 ng

RT: 8.55 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVB042815

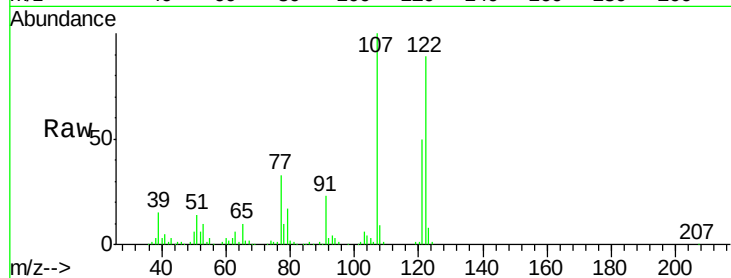
Tot Ion:122 Resp: 212538

Ion Ratio Lower Upper

122 100

107 112.8 90.6 135.8

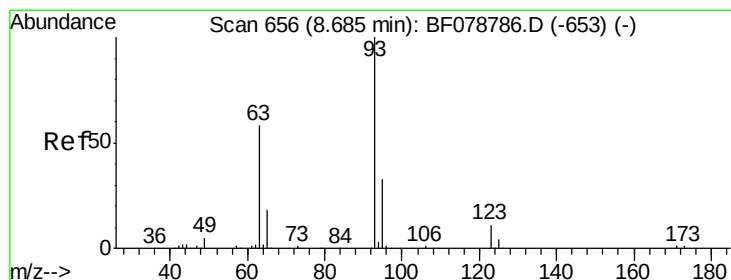
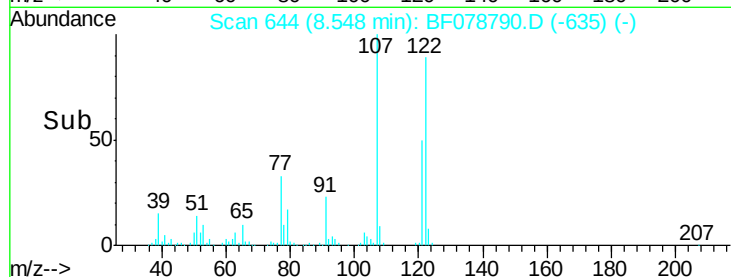
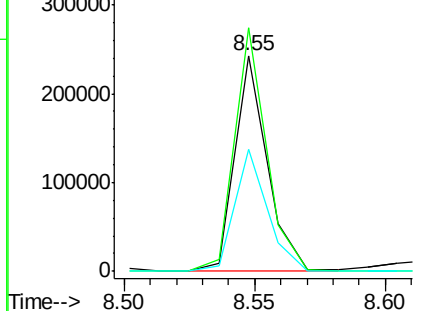
121 56.5 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.01 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

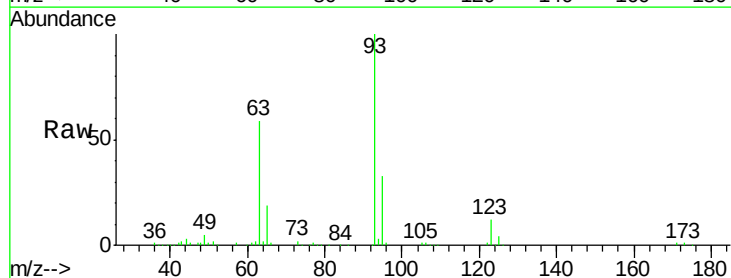
Tgt Ion: 93 Resp: 292496

Ion Ratio Lower Upper

93 100

95 33.4 26.7 40.1

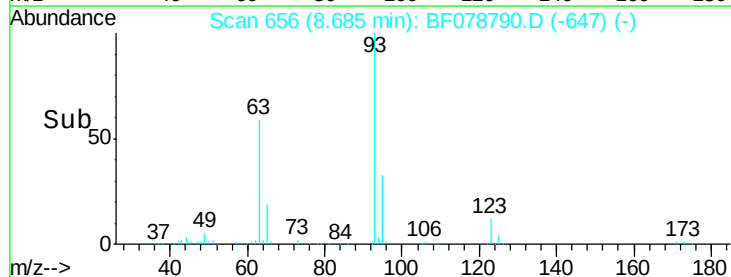
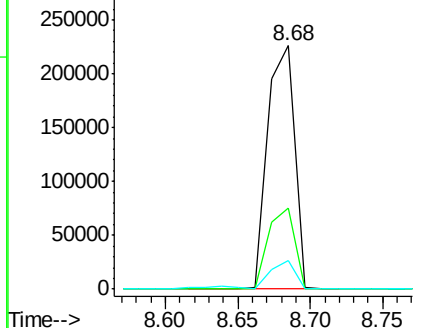
123 11.7 9.1 13.7

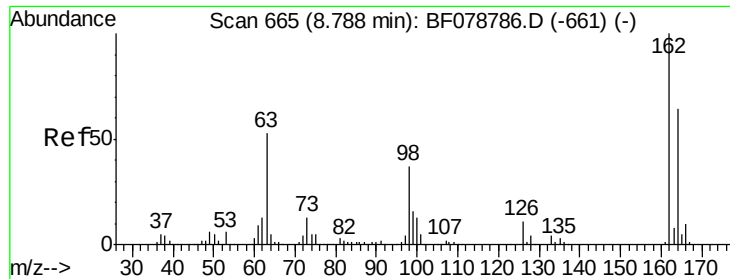


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

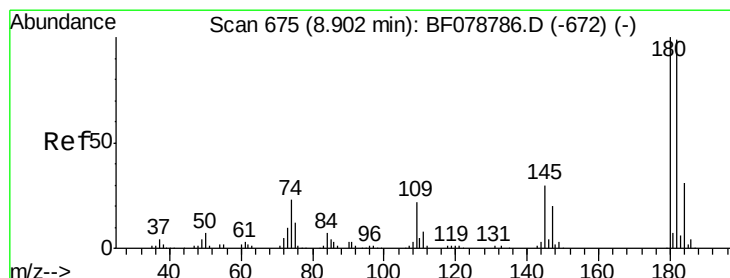
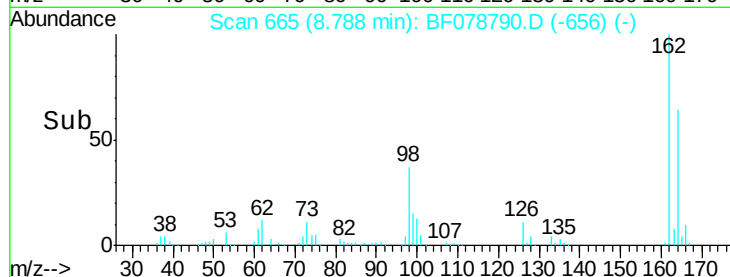
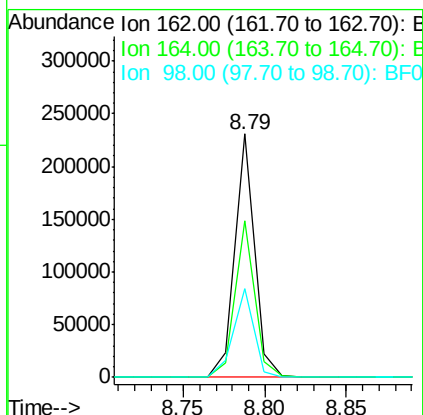
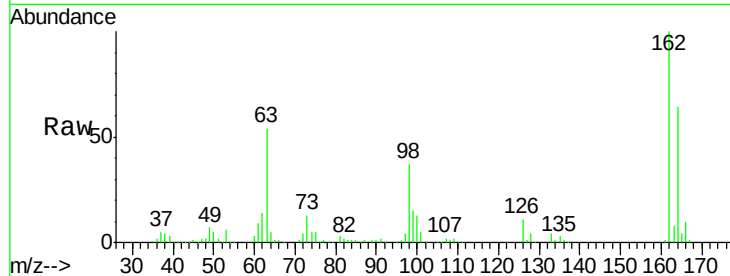




#29
 2,4-Dichlorophenol
 Concen: 41.77 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

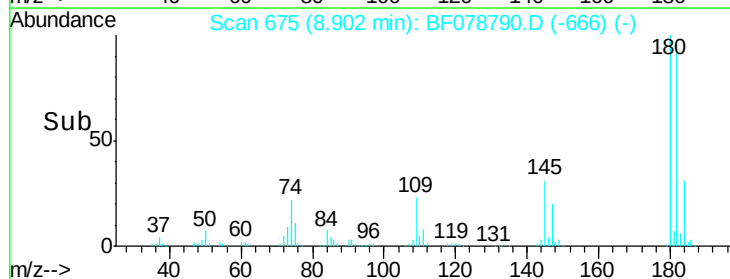
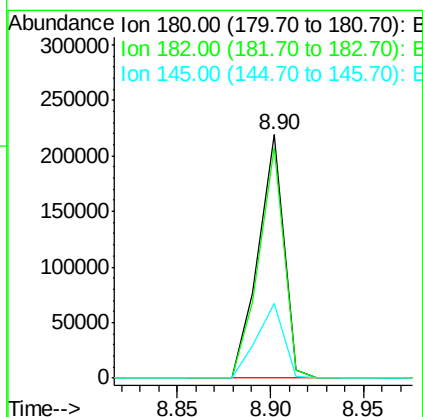
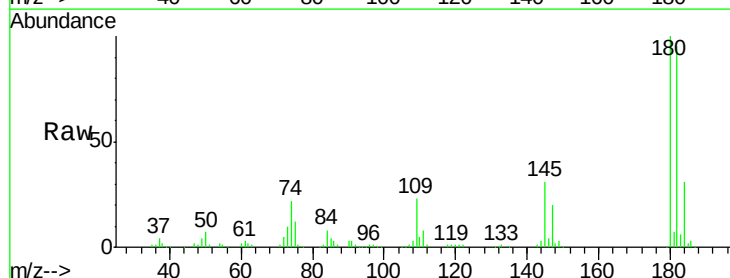
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

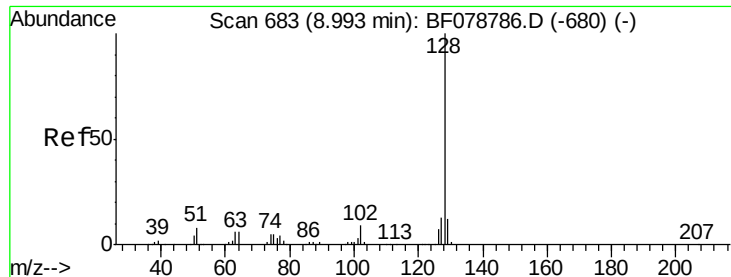
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	36.6	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.24 ng
 RT: 8.90 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.9	118.3
145	30.8	24.2	36.4

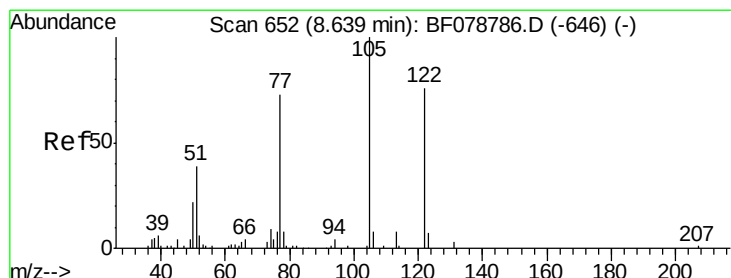
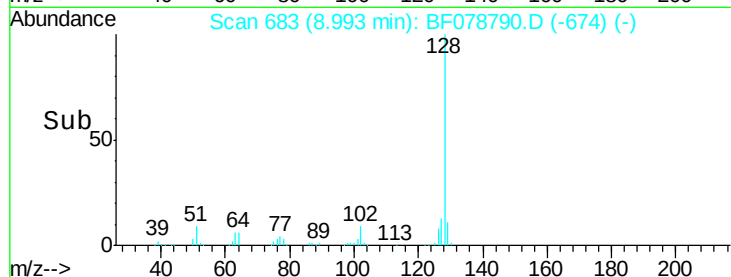
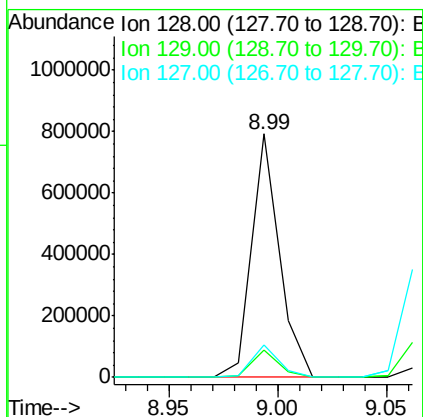
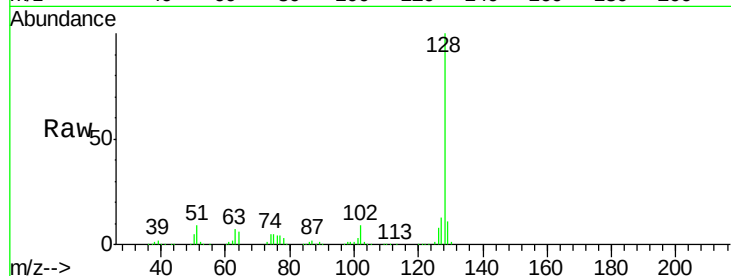




#31
Naphthalene
Concen: 38.25 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

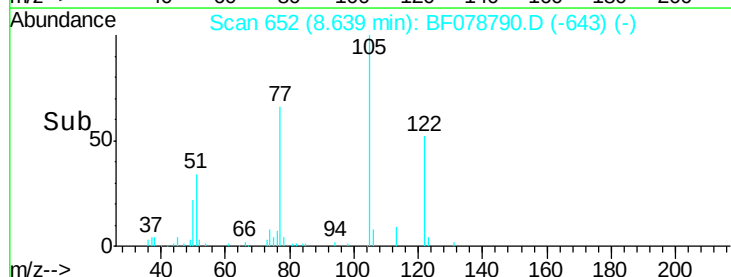
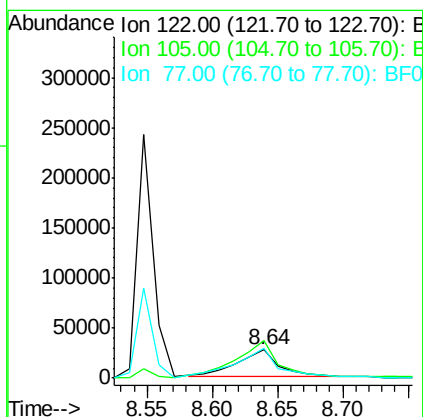
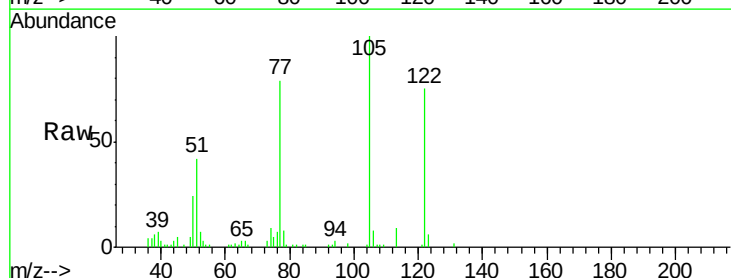
Instrument :
BNA_F
ClientSampleId :
ICVBF042815

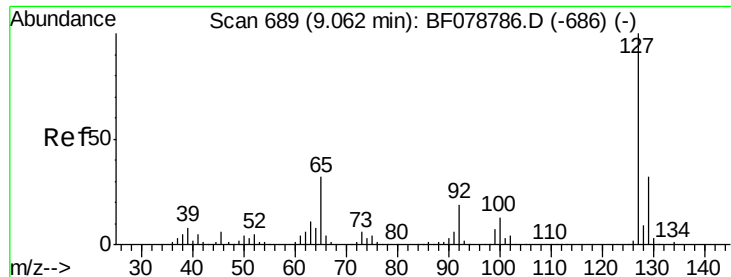
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	10.7	16.1



#32
Benzoic acid
Concen: 35.48 ng
RT: 8.64 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	107.1	147.1
77	105.1	73.9	113.9

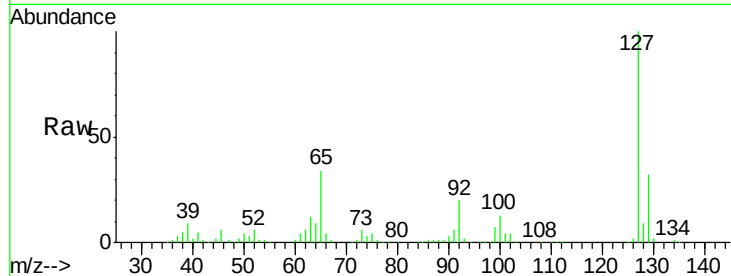




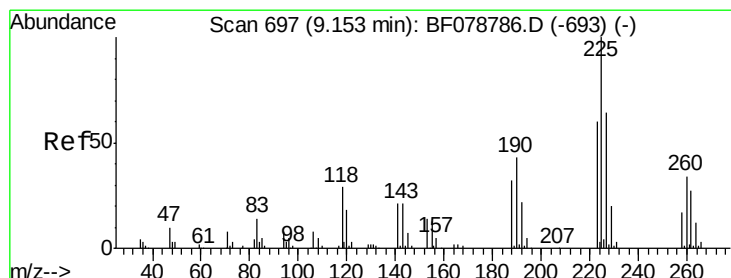
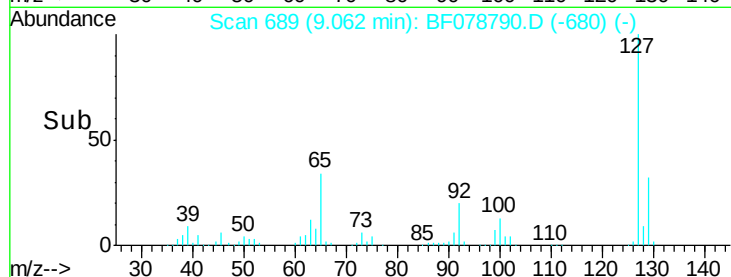
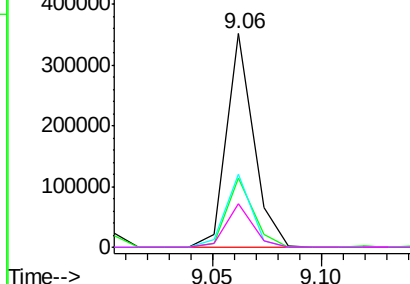
#33
4-Chloroaniline
Concen: 39.11 ng
RT: 9.06 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Instrument :
BNA_F
ClientSampleId :
ICVBF042815

Tot Ion:	127	Resp:	302127
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	34.0	25.8	38.6
92	20.2	15.5	23.3

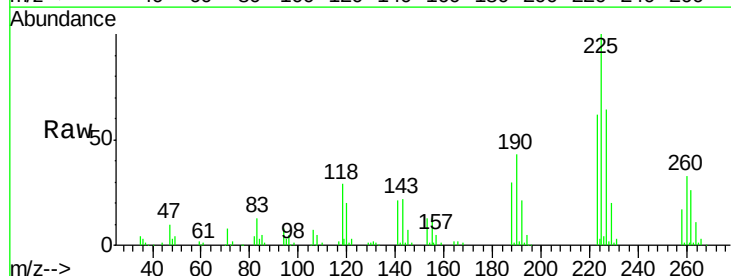


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

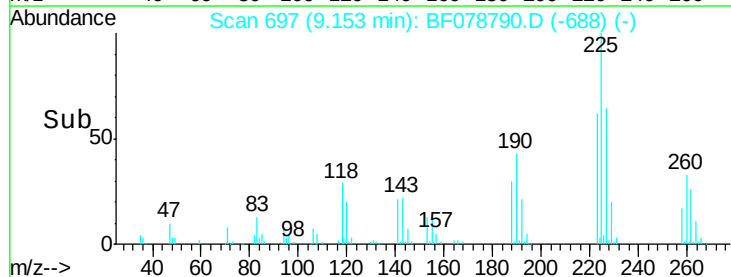
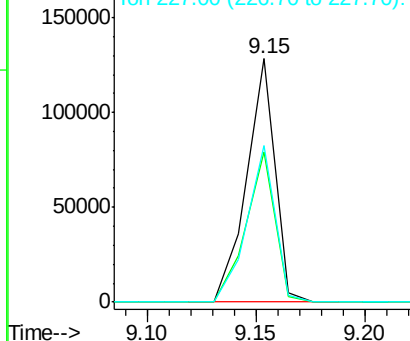


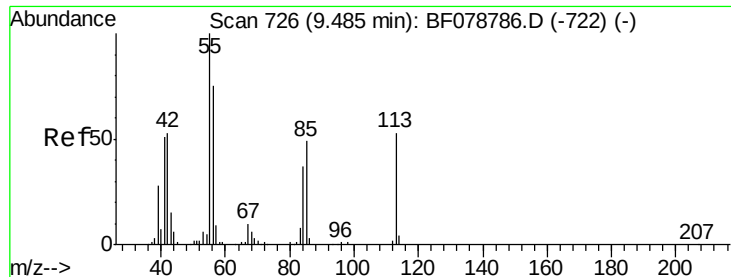
#34
Hexachlorobutadiene
Concen: 38.98 ng
RT: 9.15 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion:	225	Resp:	116284
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	64.5	51.4	77.0



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

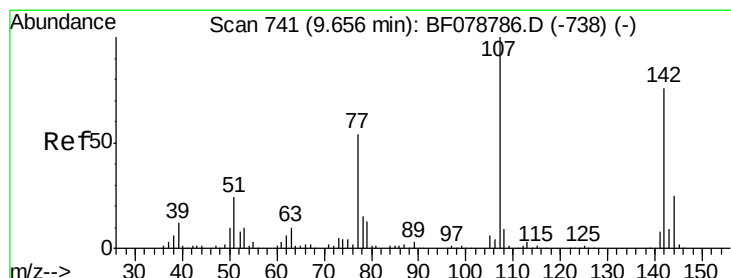
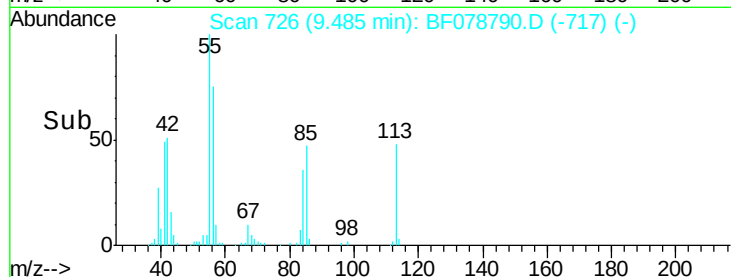
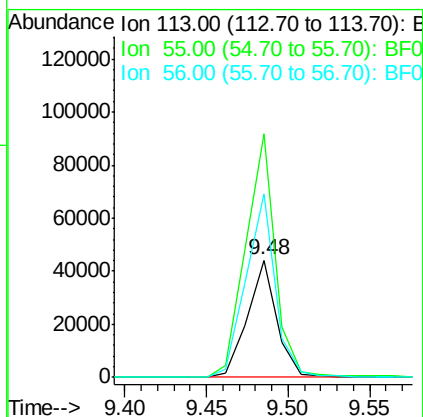
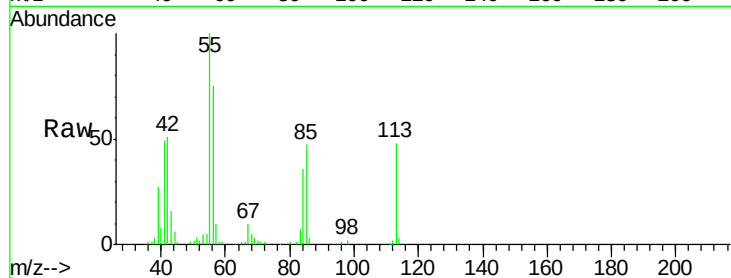




#35
 Caprolactam
 Concen: 37.38 ng
 RT: 9.48 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

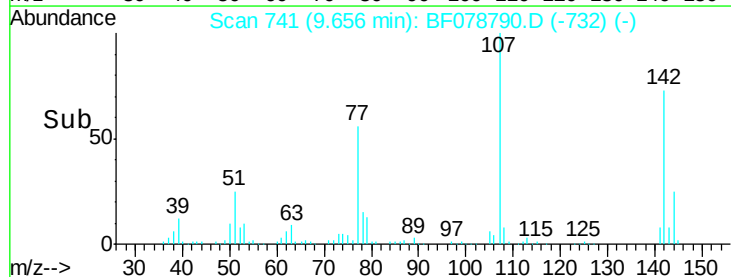
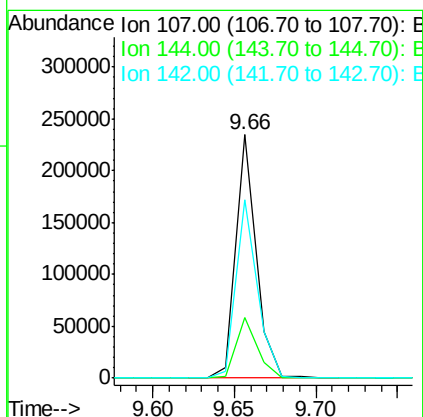
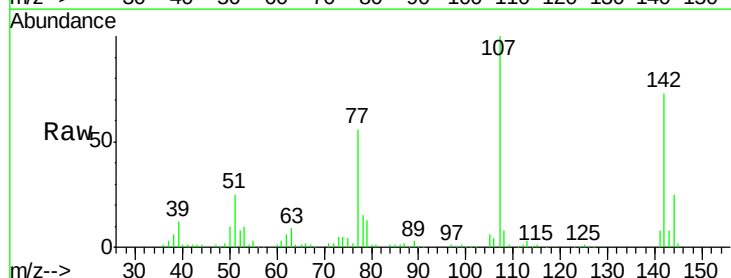
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

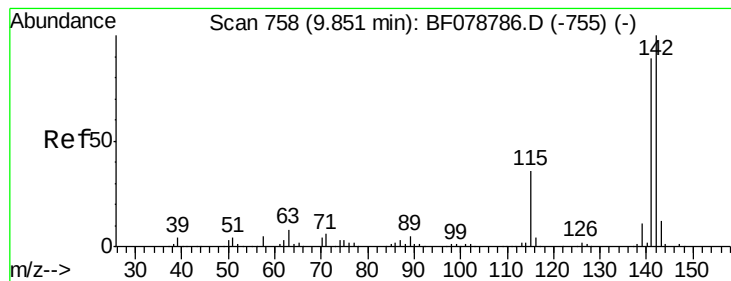
Tot Ion:113 Resp: 54797
 Ion Ratio Lower Upper
 113 100
 55 207.8 169.7 209.7
 56 156.9 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.00 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:107 Resp: 203014
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.6
 142 73.5 60.6 91.0

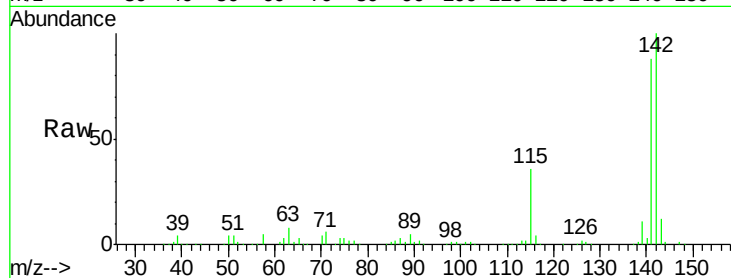




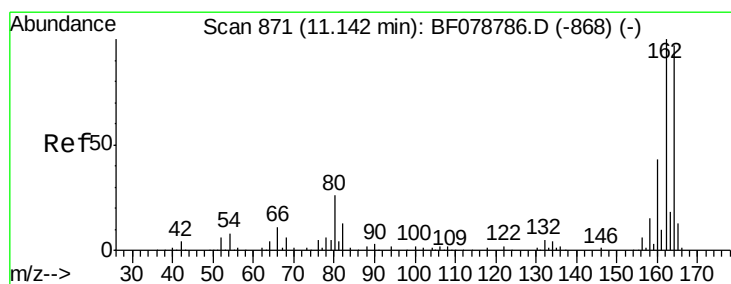
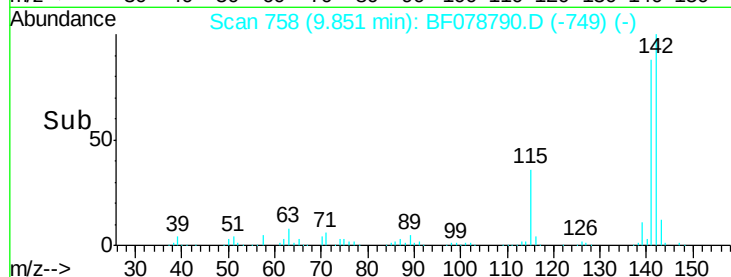
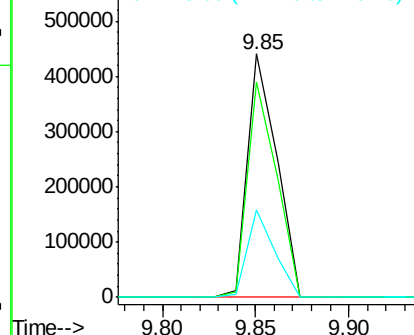
#37
 2-Methylnaphthalene
 Concen: 38.74 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3
115	36.0	28.5	42.7

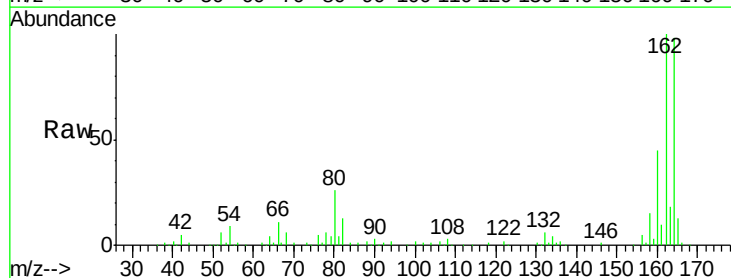


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

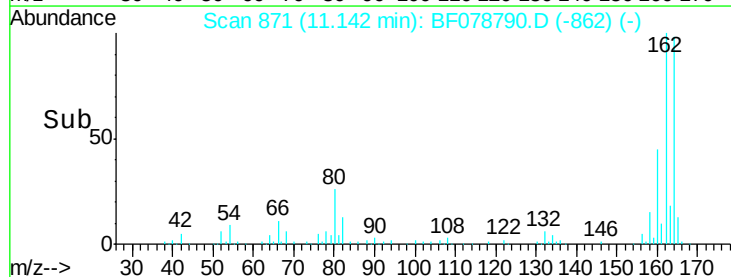
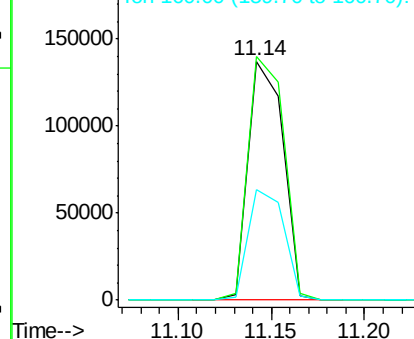


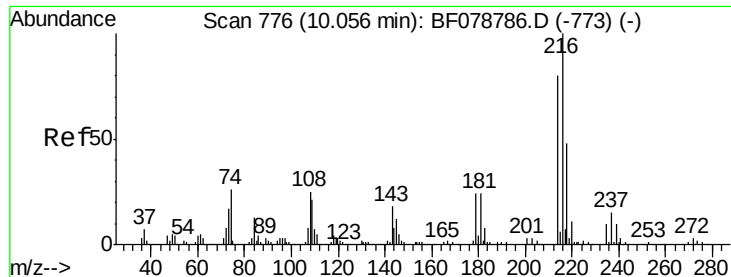
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.7	124.1
160	46.2	35.8	53.8



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

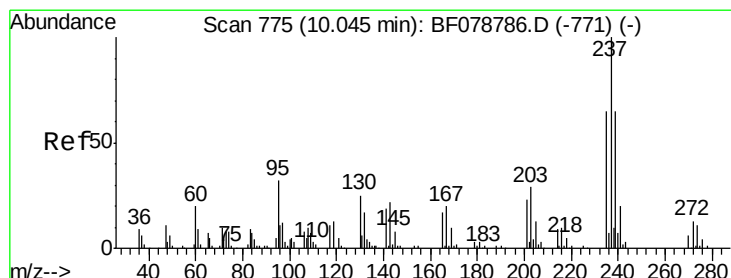
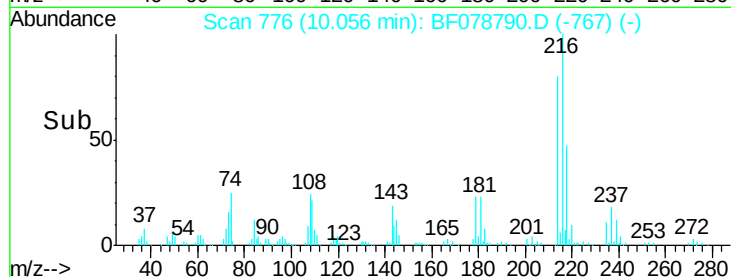
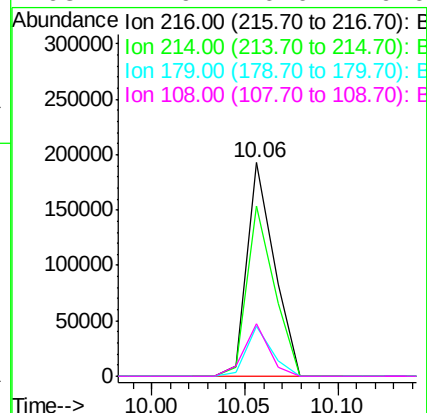
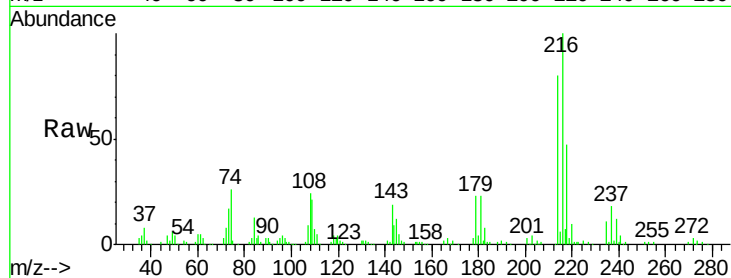




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.79 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

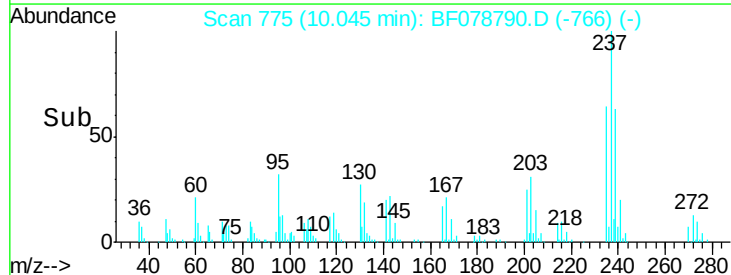
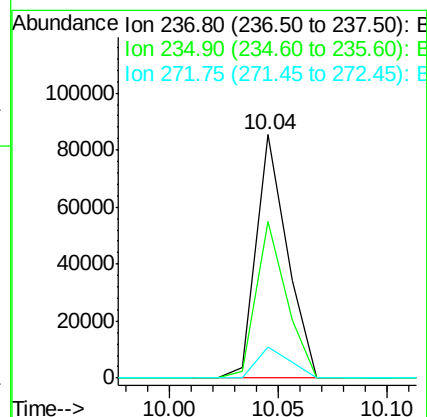
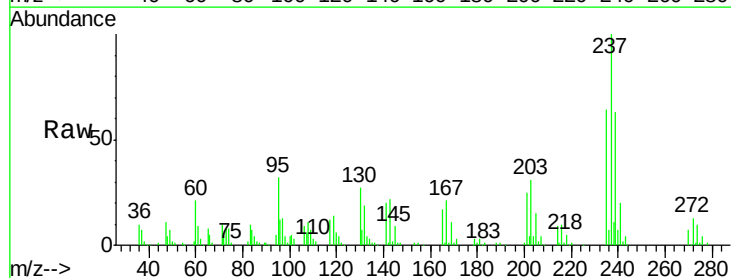
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

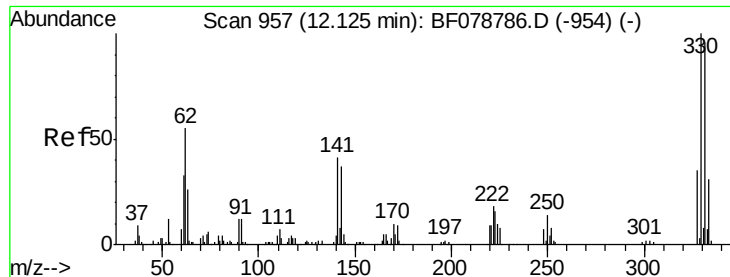
Tot Ion:	216	Resp:	195847
Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	21.8	0.0	0.0#
108	22.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 39.83 ng
 RT: 10.04 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:	237	Resp:	84523
Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.7	84.7
272	12.8	0.0	32.6

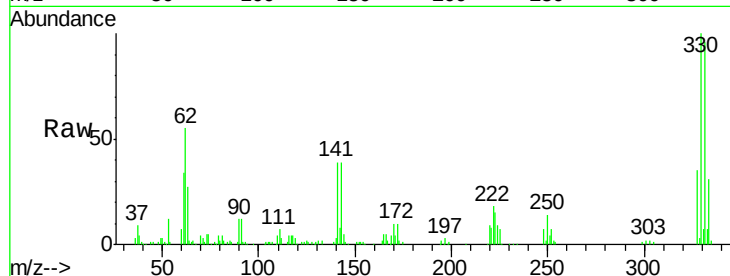




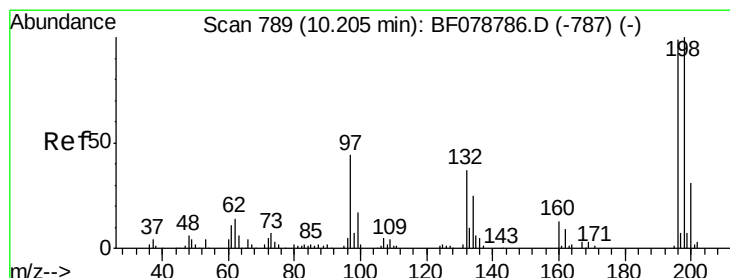
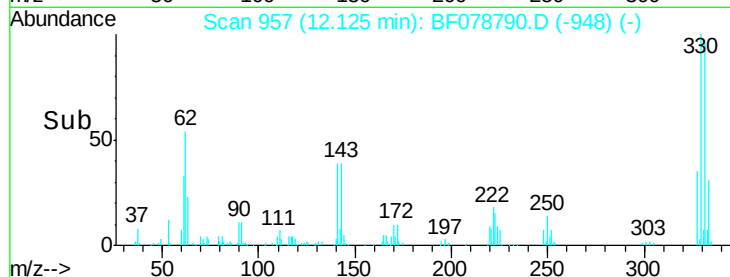
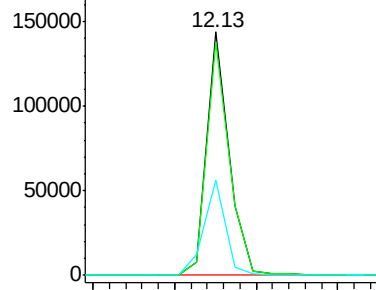
#41
 2,4,6-Tribromophenol
 Concen: 78.56 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	37.6	0.0	0.0#

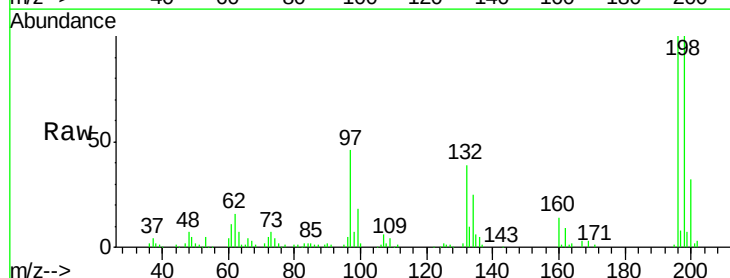


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

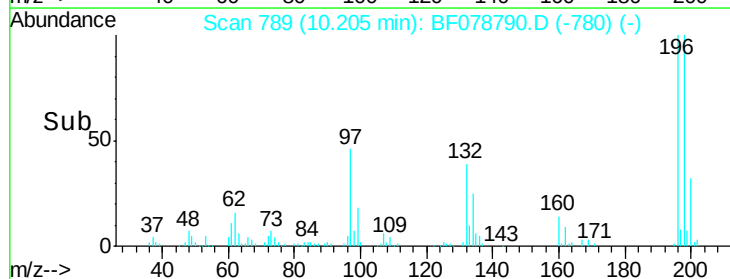
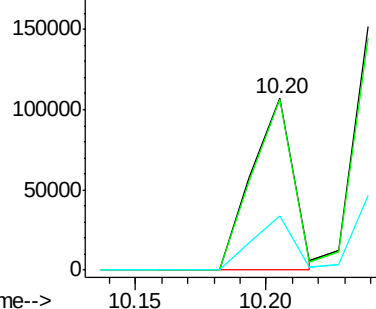


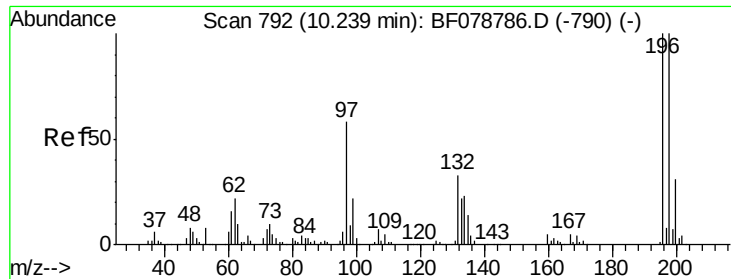
#42
 2,4,6-Trichlorophenol
 Concen: 38.06 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.5	120.7
200	31.8	24.9	37.3



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

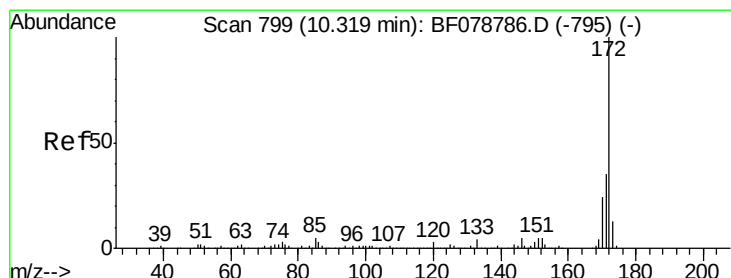
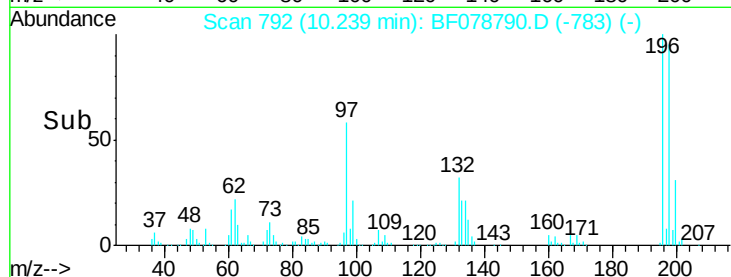
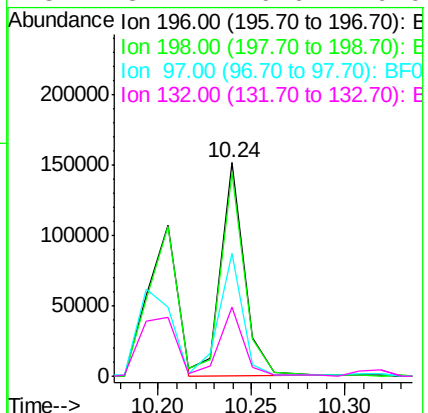
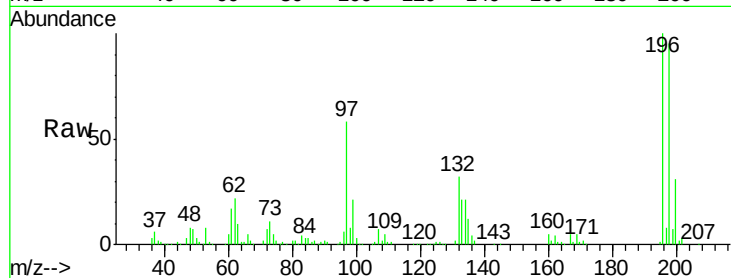




#43
 2,4,5-Trichlorophenol
 Concen: 40.72 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

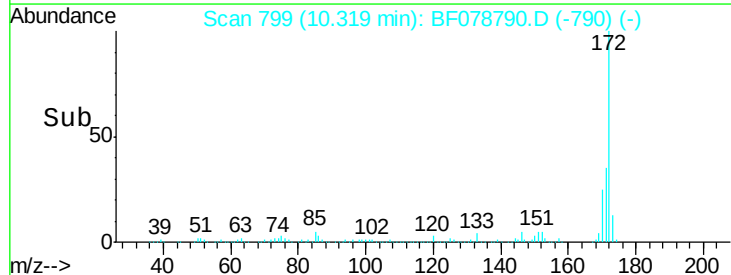
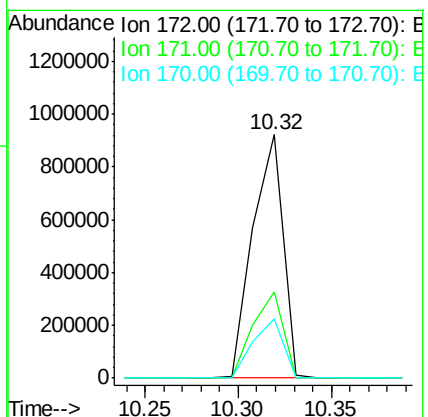
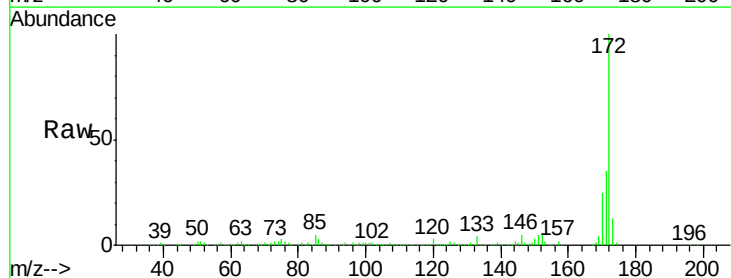
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

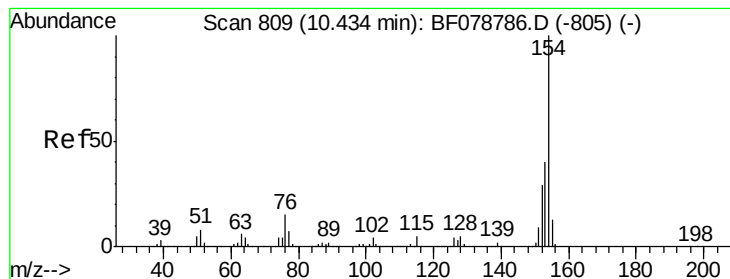
Tot Ion:196 Resp: 133319
 Ion Ratio Lower Upper
 196 100
 198 95.5 79.8 119.6
 97 57.7 46.0 69.0
 132 32.2 26.6 40.0



#44
 2-Fluorobiphenyl
 Concen: 79.66 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:172 Resp: 1036541
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 24.5 19.4 29.0





#45

1,1'-Biphenyl

Concen: 39.29 ng

RT: 10.43 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

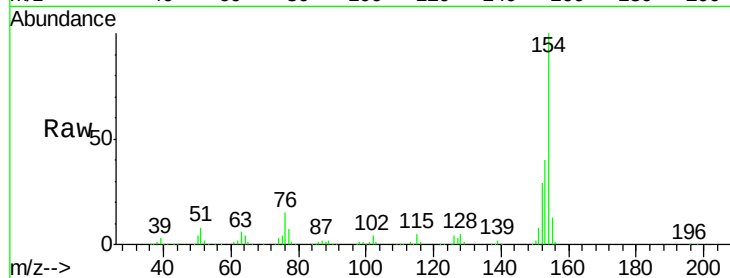
Tot Ion:154 Resp: 561824

Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

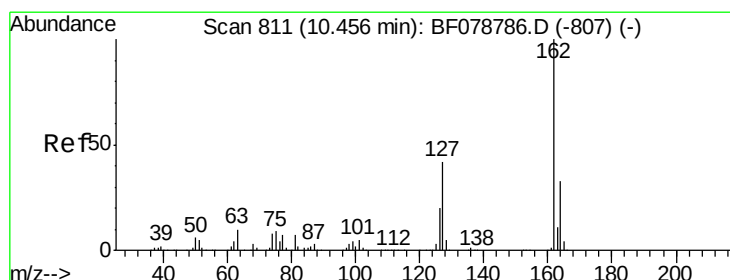
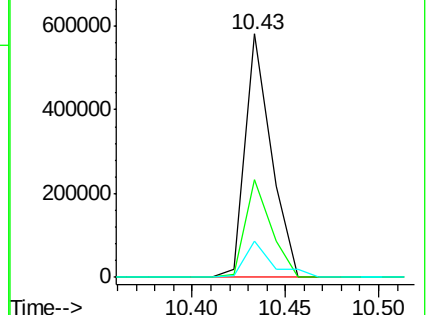
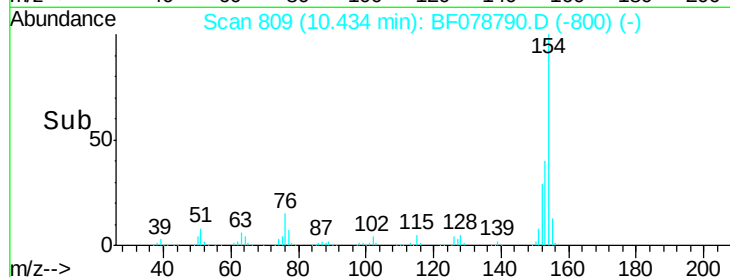
76 15.1 0.0 35.0



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: 39.17 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

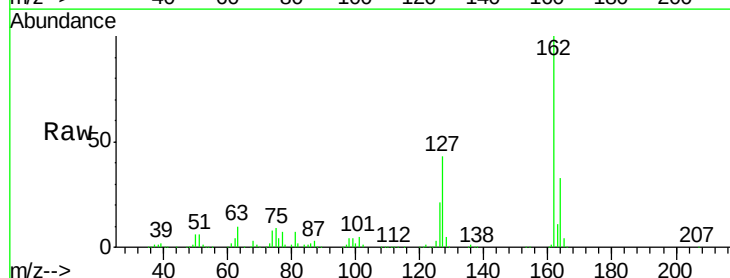
Tgt Ion:162 Resp: 437674

Ion Ratio Lower Upper

162 100

127 42.6 33.9 50.9

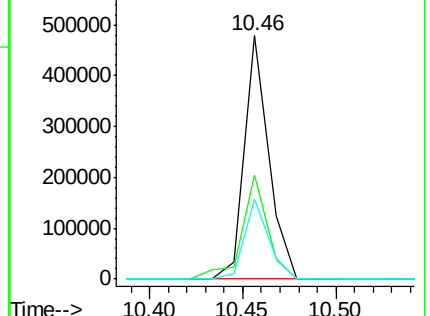
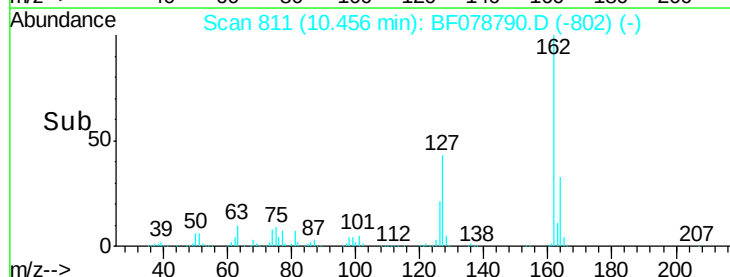
164 32.7 26.3 39.5

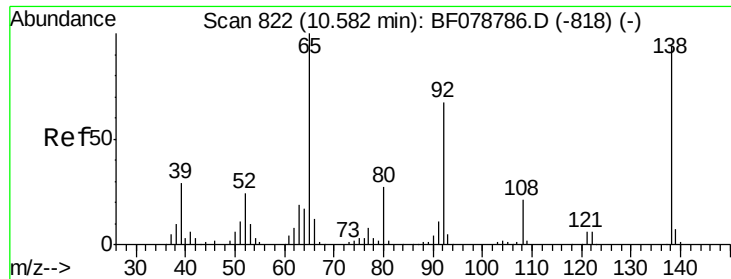


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

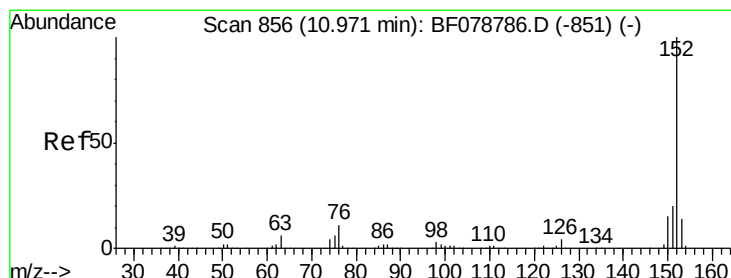
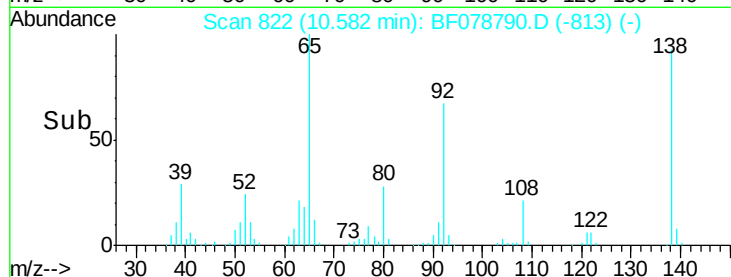
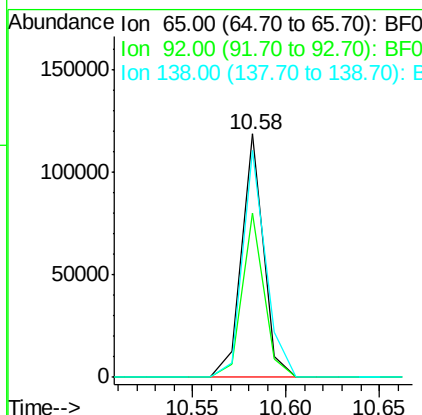
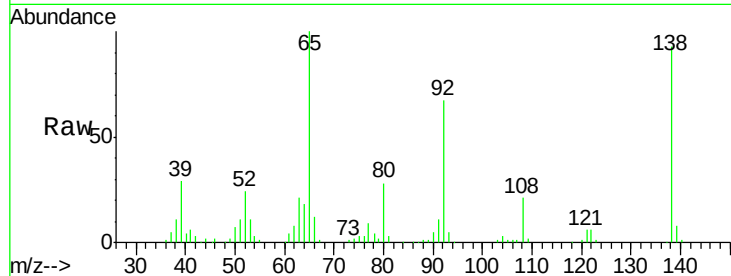




#47
2-Nitroaniline
Concen: 39.83 ng
RT: 10.58 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

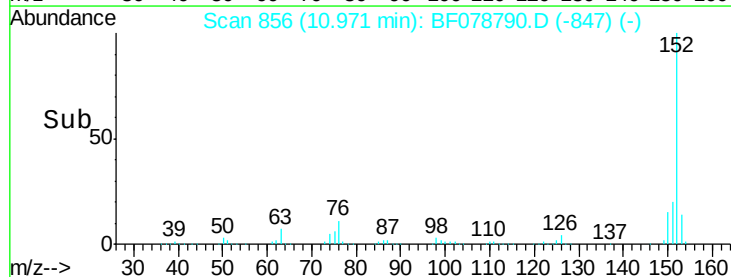
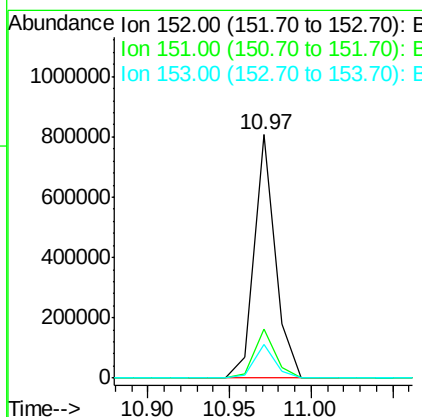
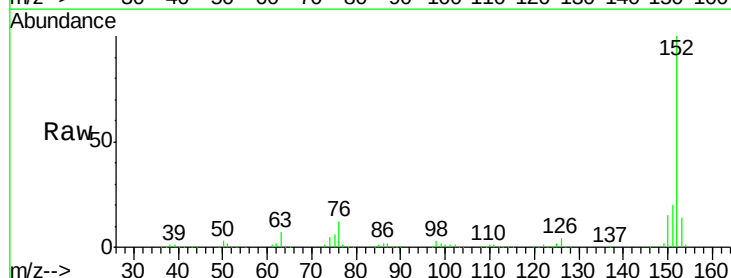
Instrument :
BNA_F
ClientSampleId :
ICVBF042815

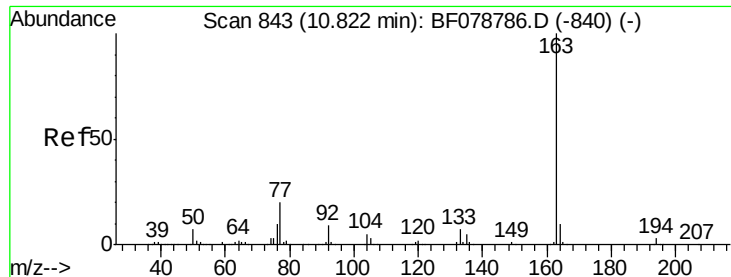
Tot Ion: 65 Resp: 97229
Ion Ratio Lower Upper
65 100
92 67.4 54.0 81.0
138 93.4 75.0 112.6



#48
Acenaphthylene
Concen: 39.86 ng
RT: 10.97 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion: 152 Resp: 728894
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.7 10.9 16.3

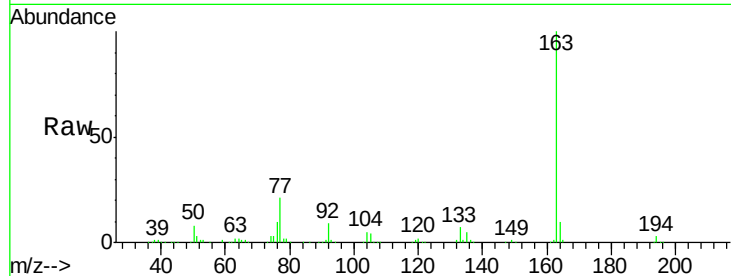




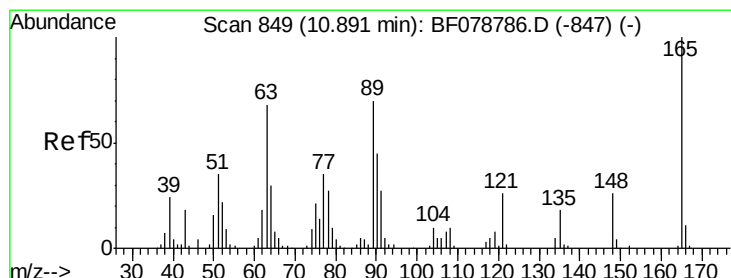
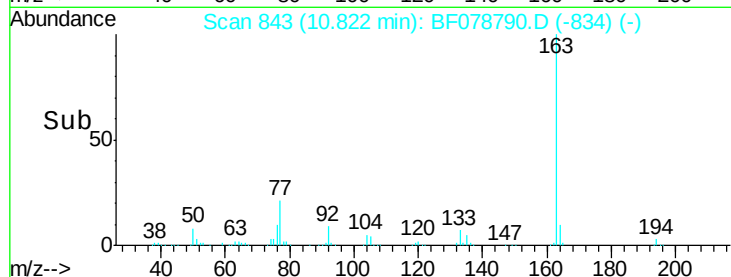
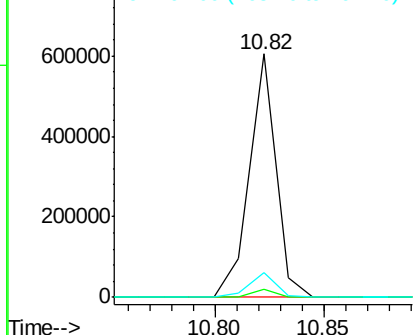
#49
Dimethylphthalate
Concen: 40.60 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Instrument :
BNA_F
ClientSampleId :
ICVBF042815

Tot Ion:163 Resp: 514321
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.1 12.1

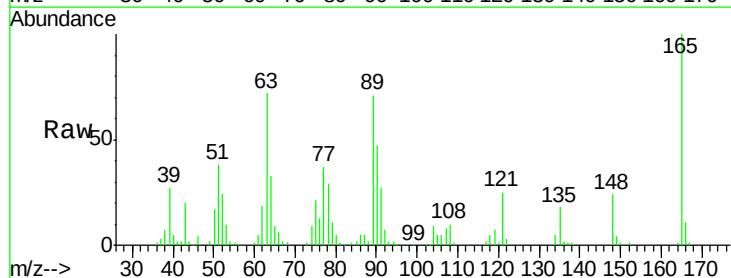


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

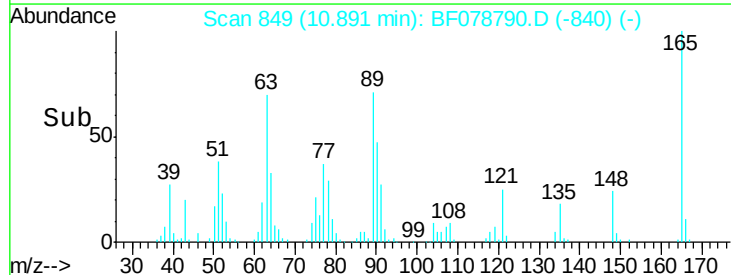
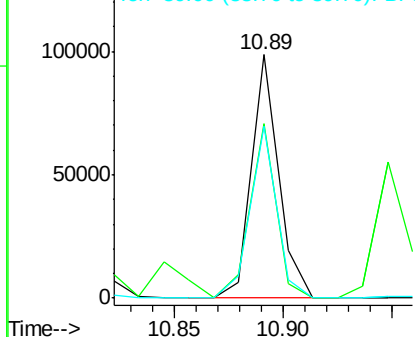


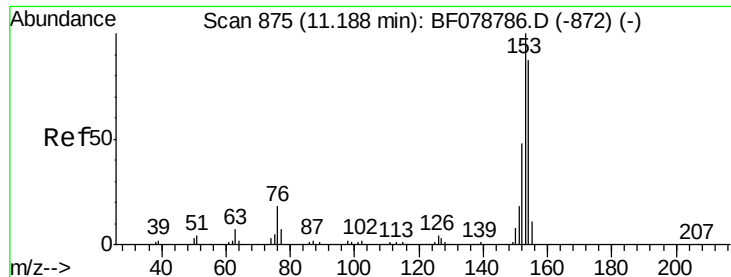
#50
2,6-Dinitrotoluene
Concen: 41.36 ng
RT: 10.89 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion:165 Resp: 85344
Ion Ratio Lower Upper
165 100
63 71.5 54.4 81.6
89 70.7 55.7 83.5



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

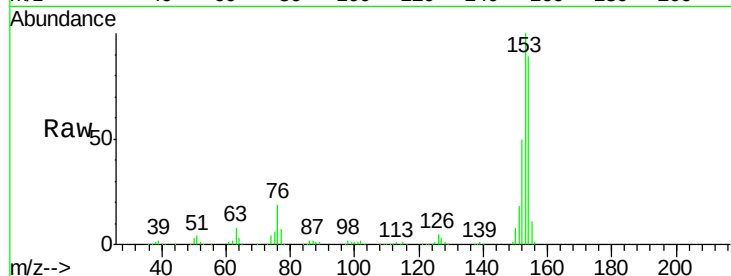




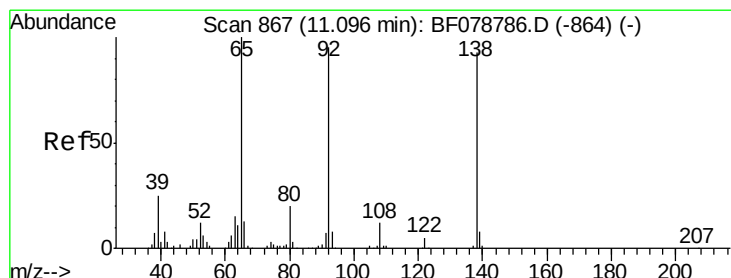
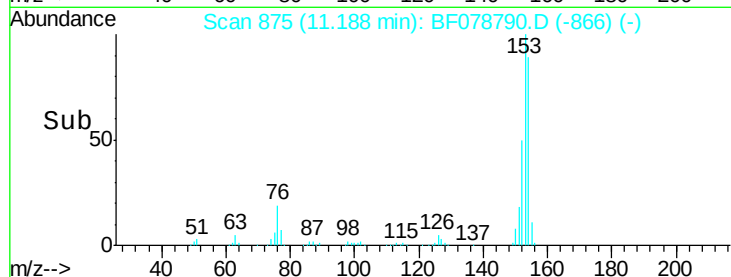
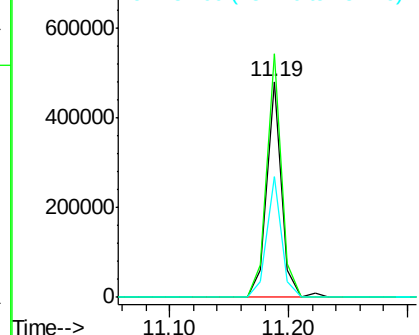
#51
Acenaphthene
Concen: 39.31 ng
RT: 11.19 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Instrument :
BNA_F
ClientSampleId :
ICVBF042815

Tot Ion:154 Resp: 422166
Ion Ratio Lower Upper
154 100
153 112.9 91.5 137.3
152 56.0 44.2 66.4

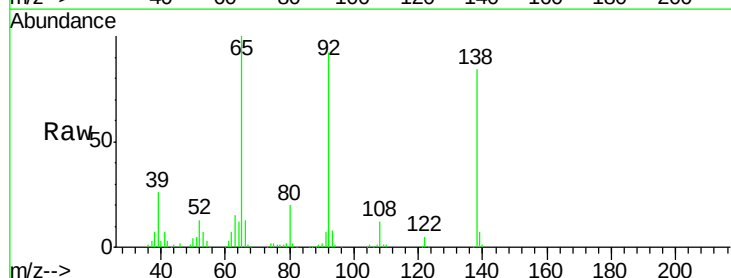


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

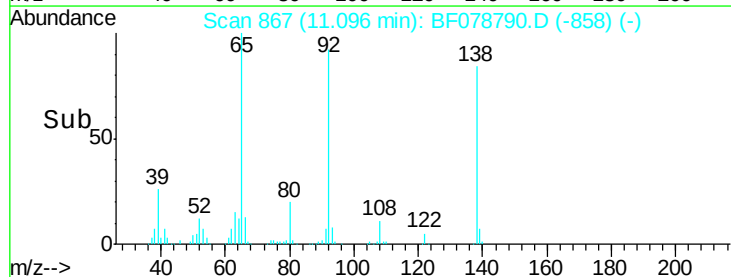
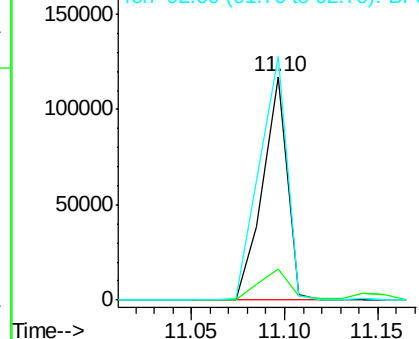


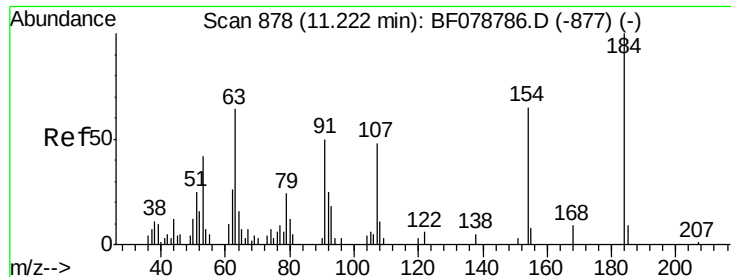
#52
3-Nitroaniline
Concen: 40.68 ng
RT: 11.10 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion:138 Resp: 108909
Ion Ratio Lower Upper
138 100
108 13.8 10.6 16.0
92 108.9 81.8 122.6



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

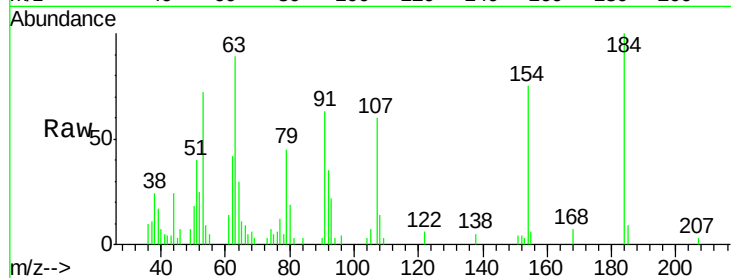




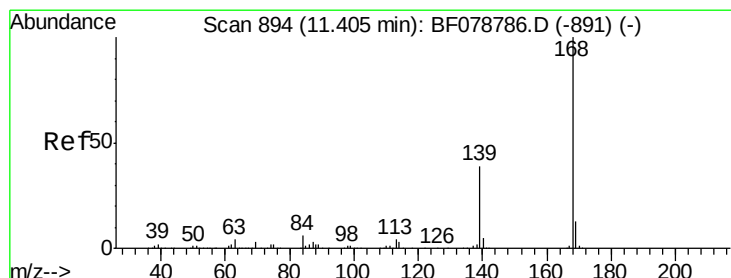
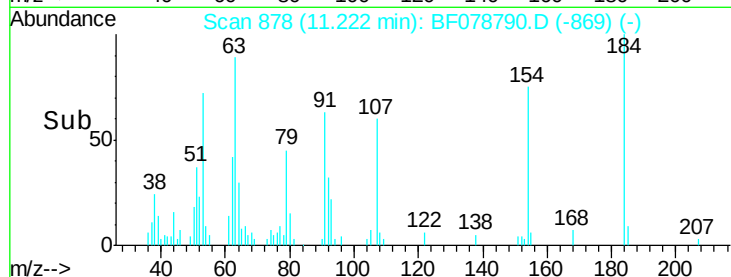
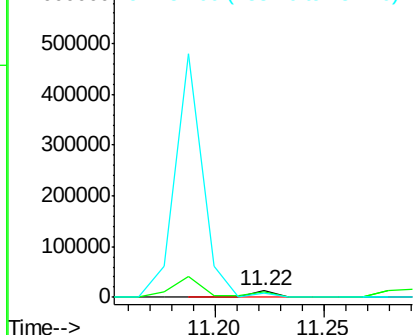
#53
 2,4-Dinitrophenol
 Concen: 36.27 ng
 RT: 11.22 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Tot Ion:184 Resp: 10825
 Ion Ratio Lower Upper
 184 100
 63 88.9 63.3 94.9
 154 75.5 53.8 80.6

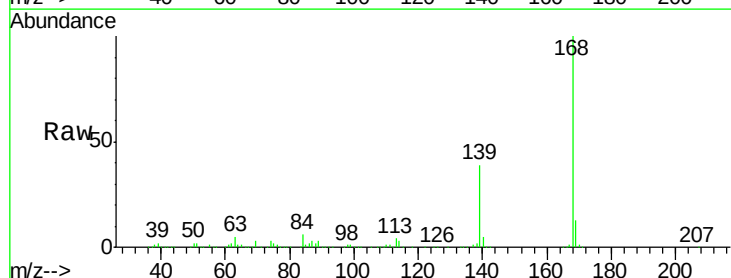


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

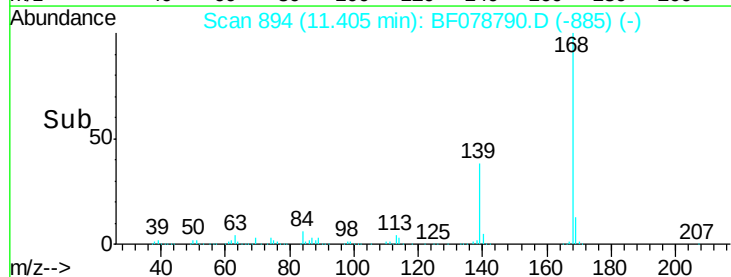
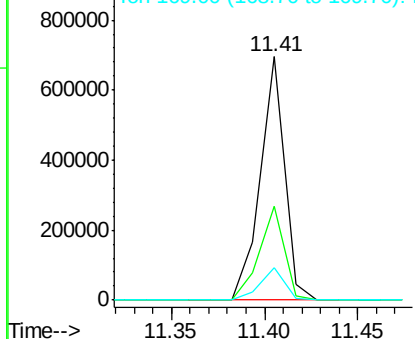


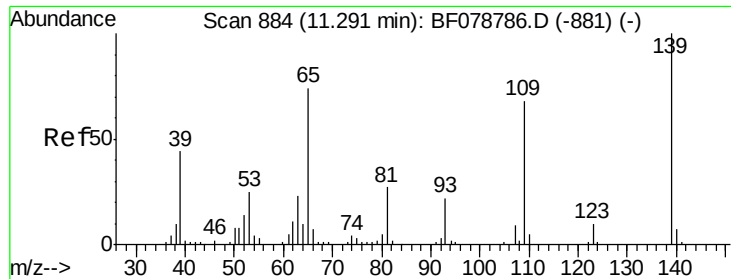
#54
 Dibenzofuran
 Concen: 39.54 ng
 RT: 11.41 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:168 Resp: 622974
 Ion Ratio Lower Upper
 168 100
 139 38.6 31.0 46.4
 169 13.3 10.6 16.0



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

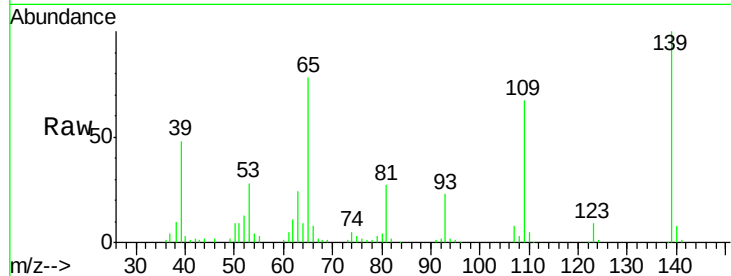




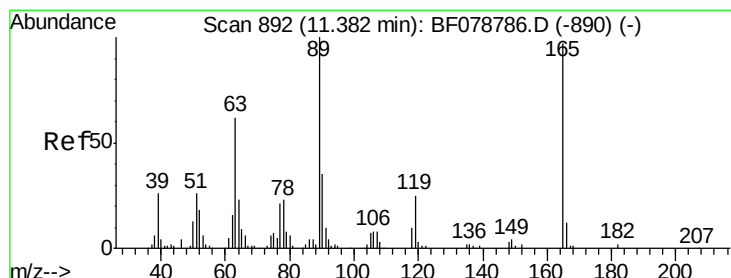
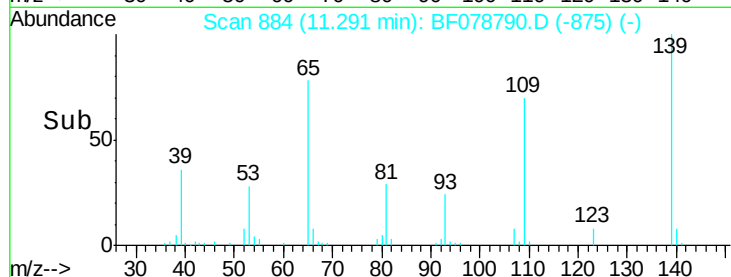
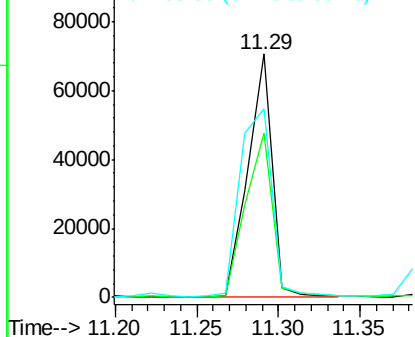
#55
4-Nitrophenol
Concen: 37.78 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Instrument :
BNA_F
ClientSampleId :
ICVBF042815

Tot Ion:139 Resp: 73088
Ion Ratio Lower Upper
139 100
109 67.3 47.6 87.6
65 77.5 54.3 94.3

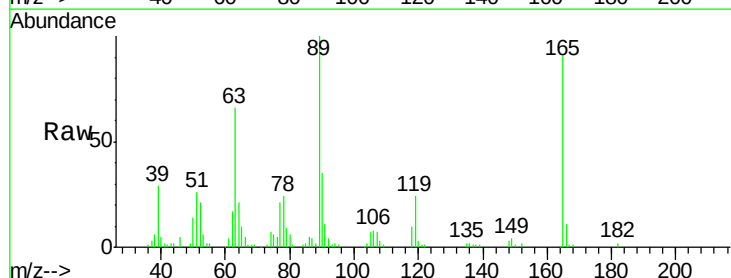


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

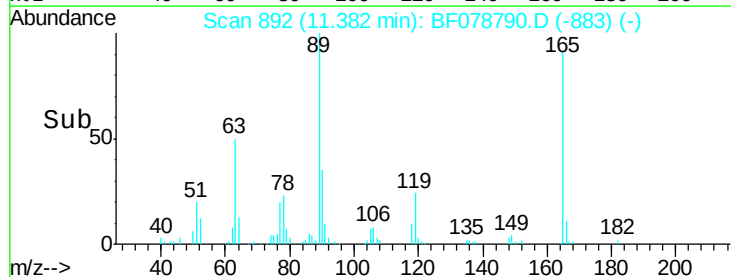
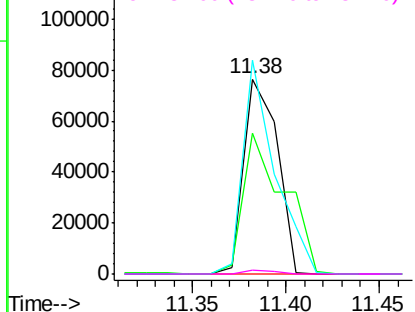


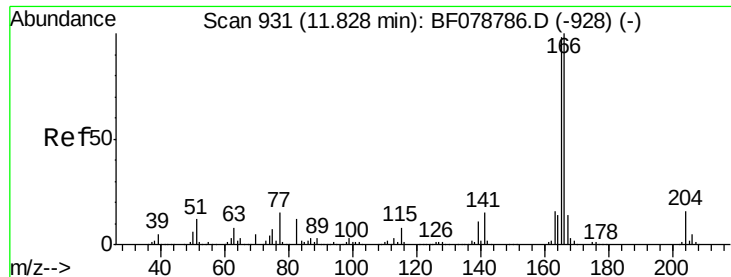
#56
2,4-Dinitrotoluene
Concen: 40.61 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Tgt Ion:165 Resp: 95643
Ion Ratio Lower Upper
165 100
63 72.5 51.2 76.8
89 109.7 82.7 124.1
182 2.0 1.4 2.2



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

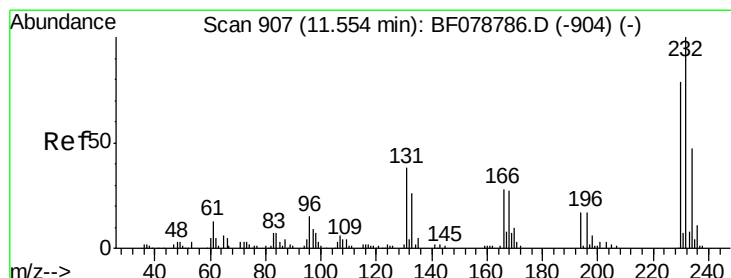
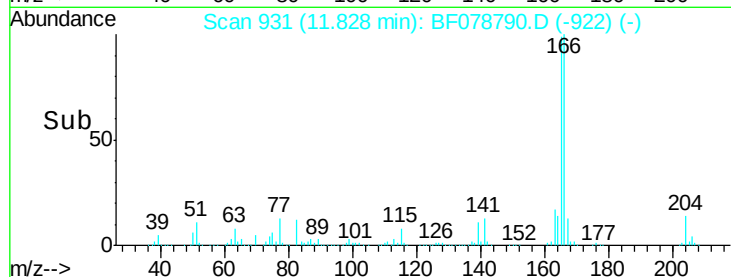
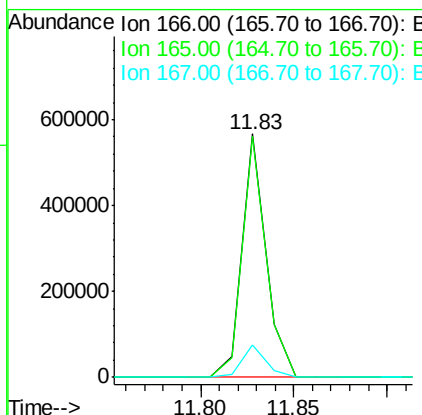
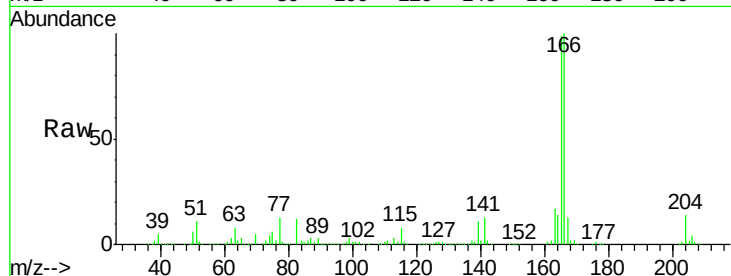




#57
 Fluorene
 Concen: 40.27 ng
 RT: 11.83 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

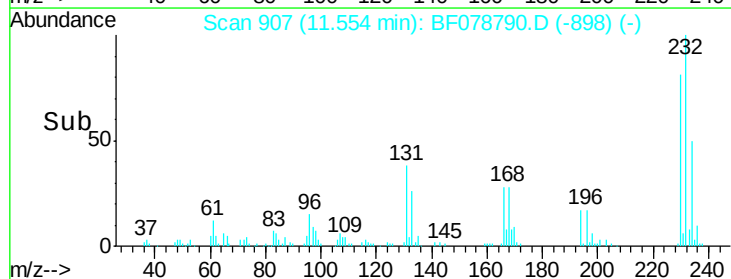
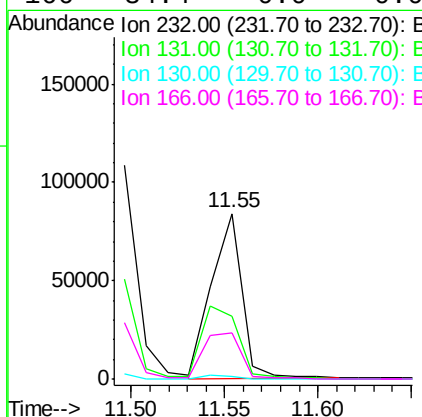
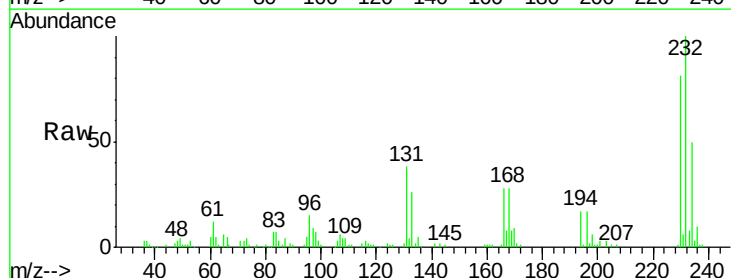
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

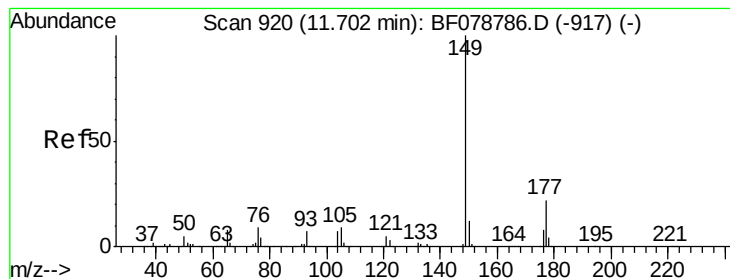
Tot Ion:166 Resp: 507167
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.5 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.05 ng
 RT: 11.55 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:232 Resp: 95745
 Ion Ratio Lower Upper
 232 100
 131 53.3 0.0 0.0#
 130 2.5 0.0 0.0#
 166 34.4 0.0 0.0#





#59

Diethylphthalate

Concen: 41.20 ng

RT: 11.70 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

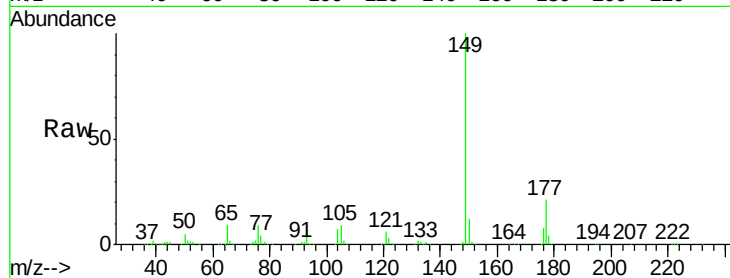
Tot Ion:149 Resp: 519288

Ion Ratio Lower Upper

149 100

177 21.3 17.5 26.3

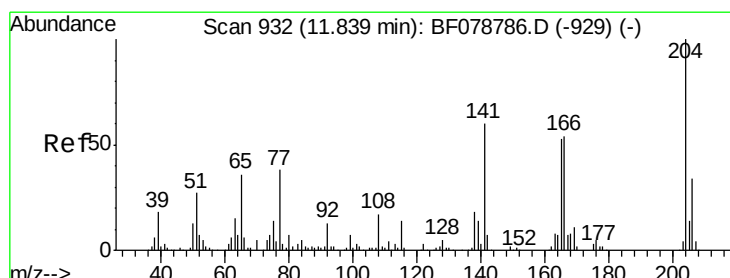
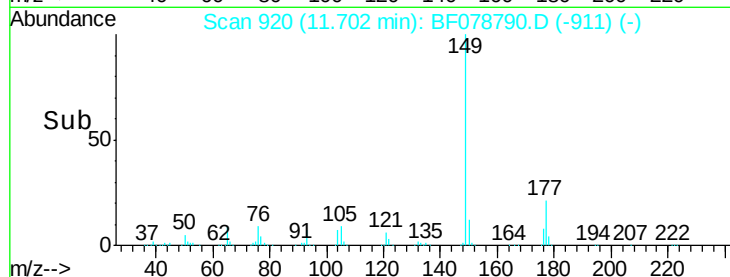
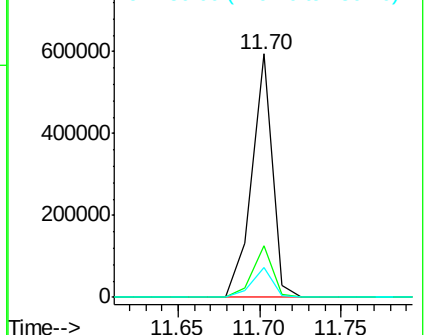
150 12.2 9.6 14.4



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: 40.00 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

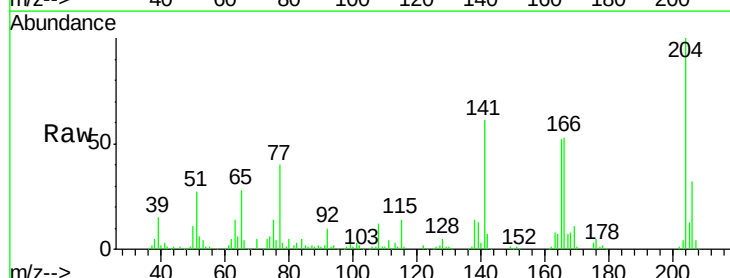
Tgt Ion:204 Resp: 224162

Ion Ratio Lower Upper

204 100

206 32.4 26.9 40.3

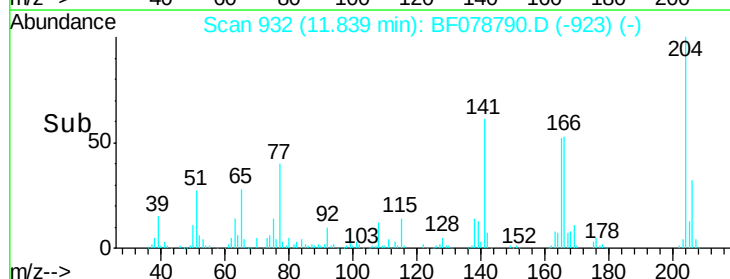
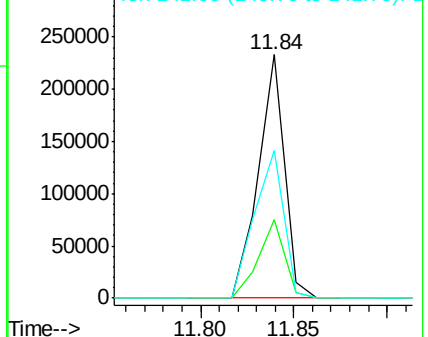
141 60.6 48.3 72.5

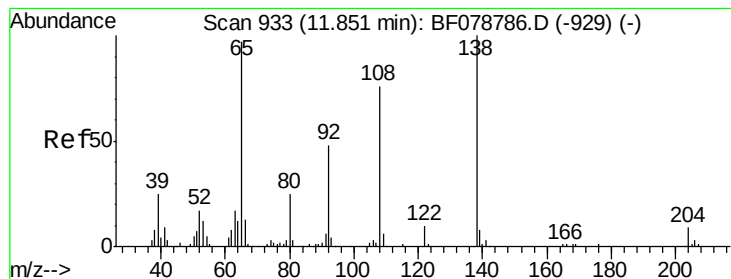


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.04 ng

RT: 11.85 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

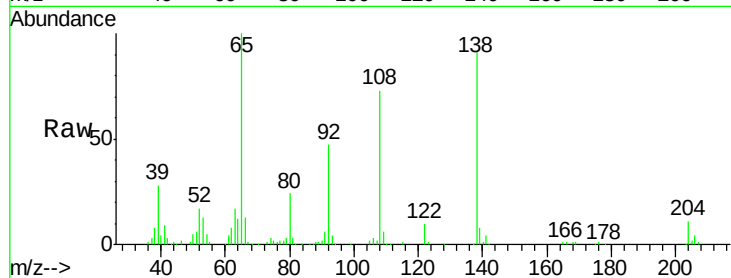
Tot Ion:138 Resp: 116754

Ion Ratio Lower Upper

138 100

92 51.9 28.0 68.0

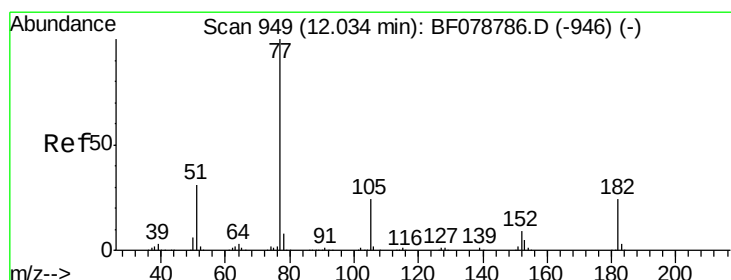
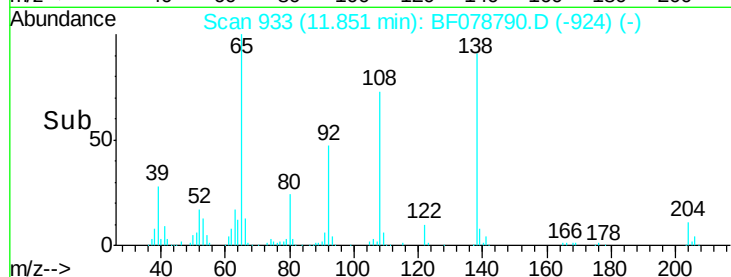
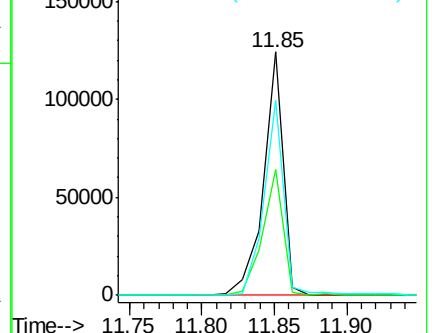
108 80.0 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.11 ng

RT: 12.03 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Tgt Ion: 77 Resp: 528328

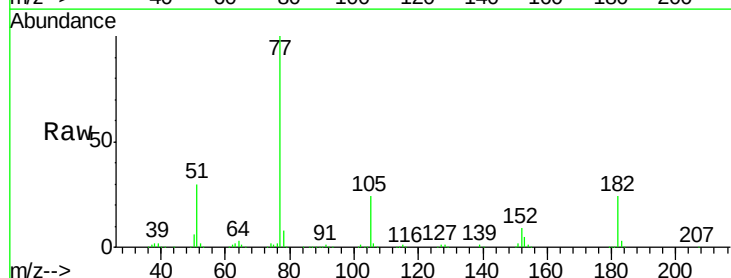
Ion Ratio Lower Upper

77 100

182 23.7 3.8 43.8

105 24.3 3.9 43.9

51 29.9 10.8 50.8

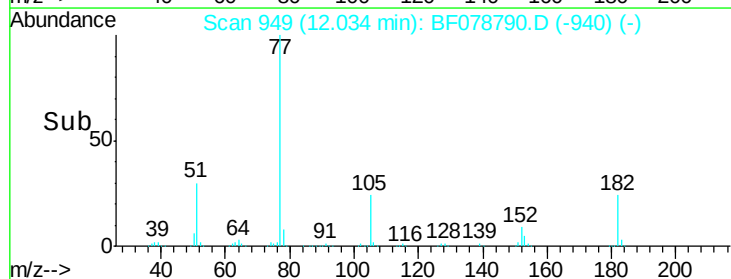
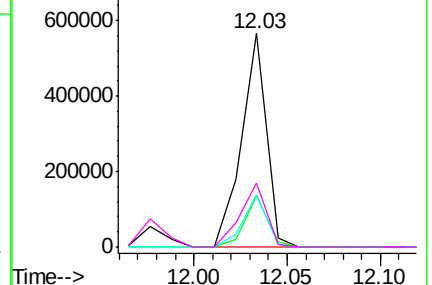


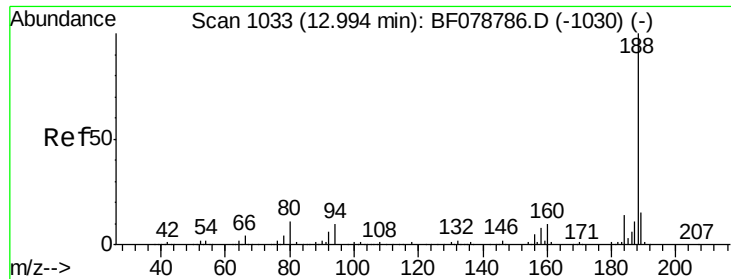
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

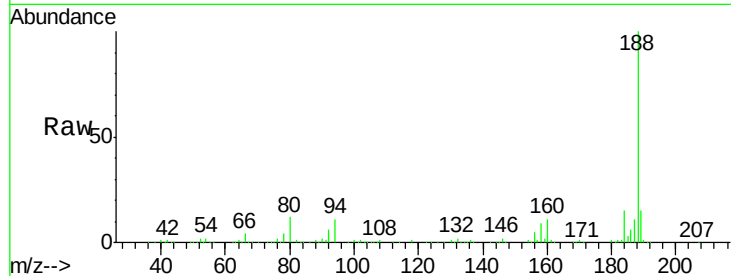




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

Instrument :
BNA_F
ClientSampleId :
ICVBF042815

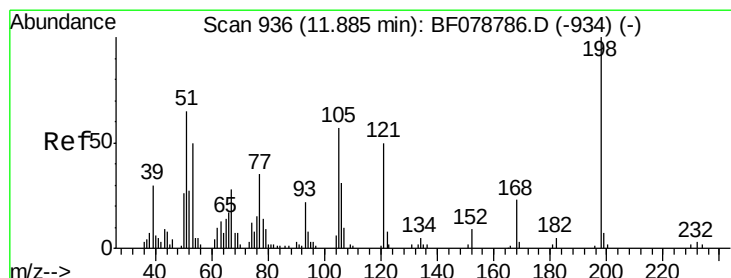
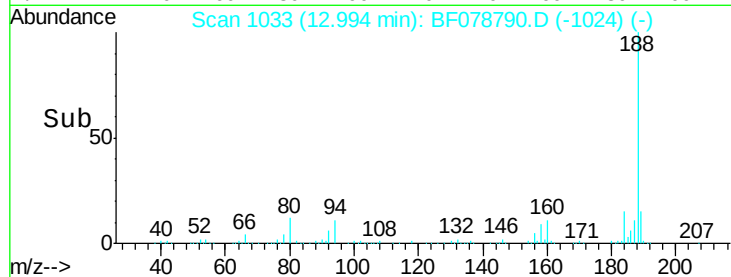
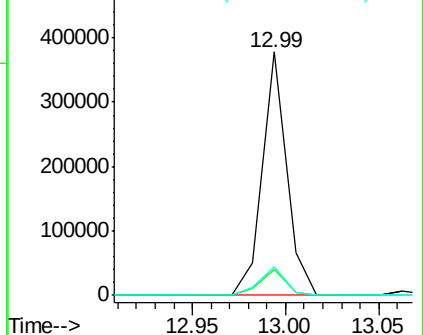
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	11.7	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E

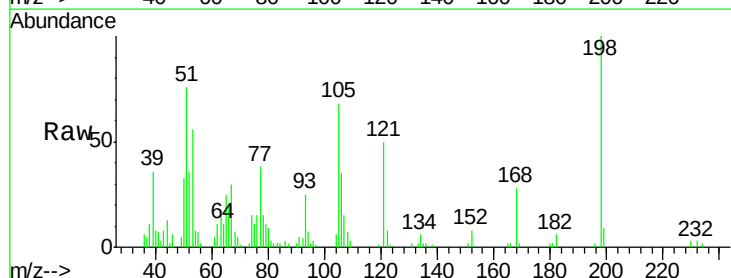
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 39.96 ng
RT: 11.89 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF078790.D
Acq: 28 Apr 2015 22:49

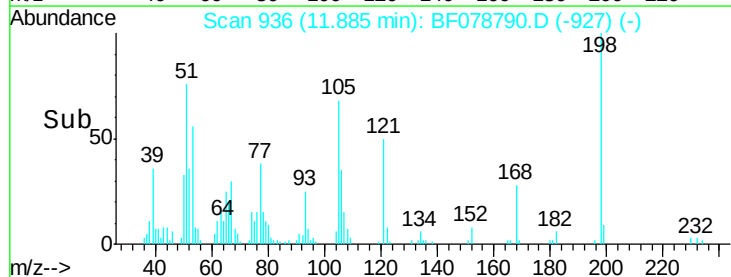
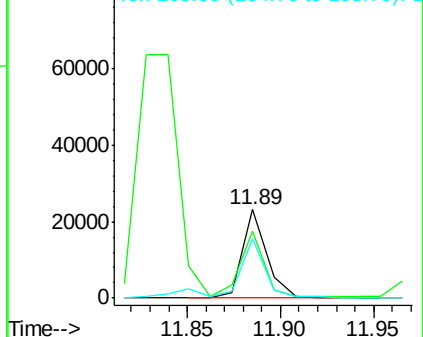
Tgt Ion	Ratio	Lower	Upper
198	100		
51	76.1	47.3	87.3
105	67.5	38.8	78.8

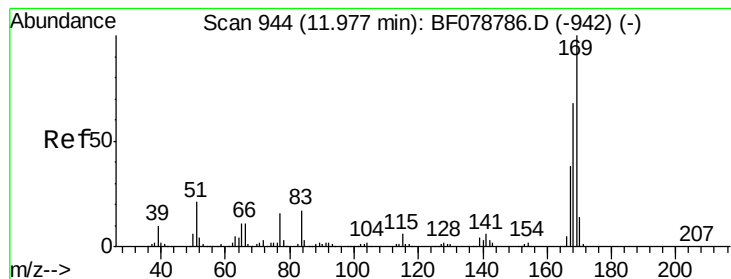


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.87 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

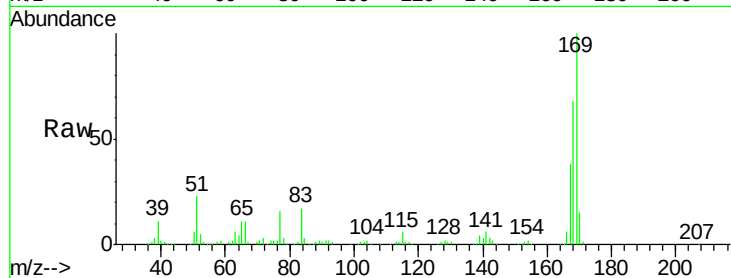
Tot Ion:169 Resp: 429021

Ion Ratio Lower Upper

169 100

168 68.5 54.6 82.0

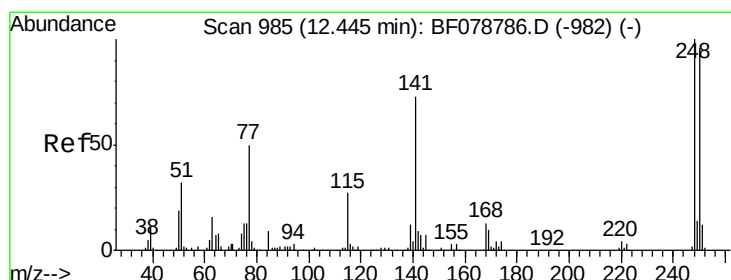
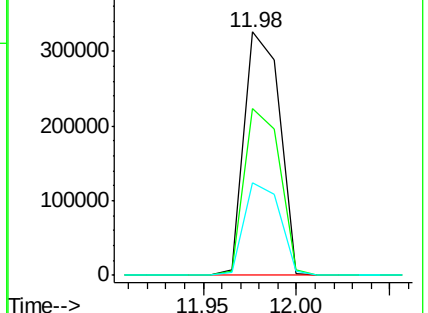
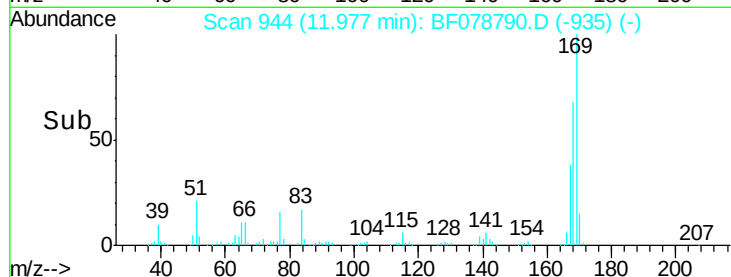
167 37.9 30.6 45.8



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: 39.49 ng

RT: 12.45 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

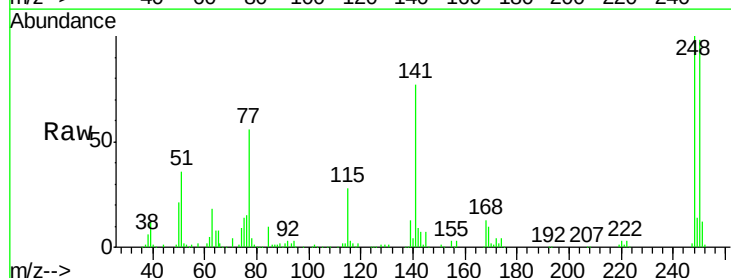
Tgt Ion:248 Resp: 136102

Ion Ratio Lower Upper

248 100

250 97.6 77.1 115.7

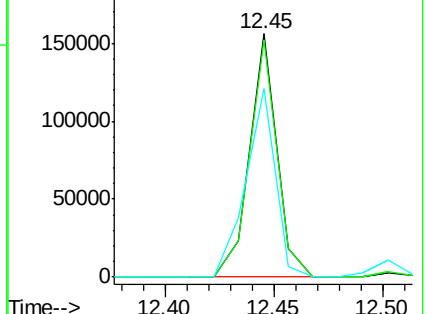
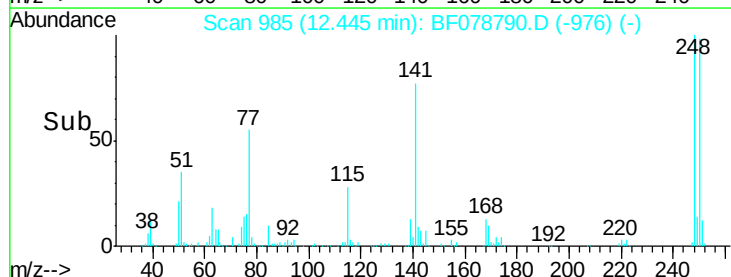
141 77.4 58.8 88.2

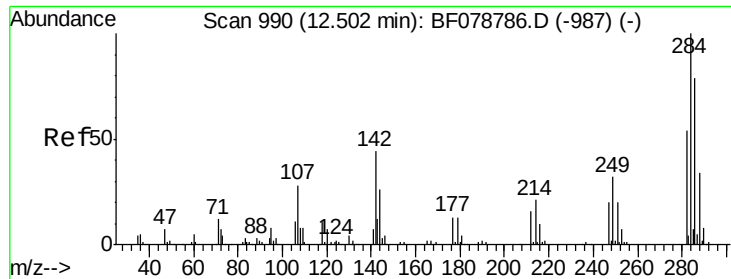


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.69 ng

RT: 12.50 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

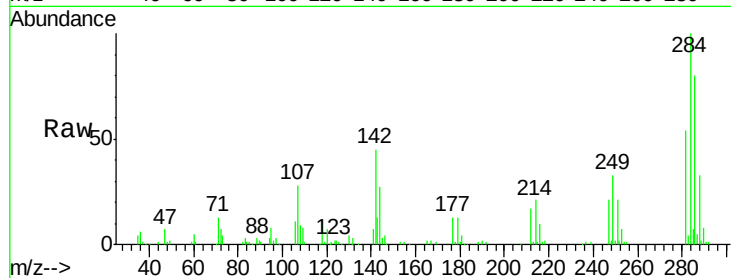
Tot Ion:284 Resp: 151039

Ion Ratio Lower Upper

284 100

142 44.6 35.2 52.8

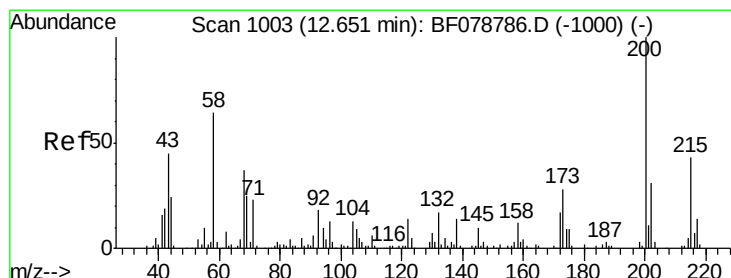
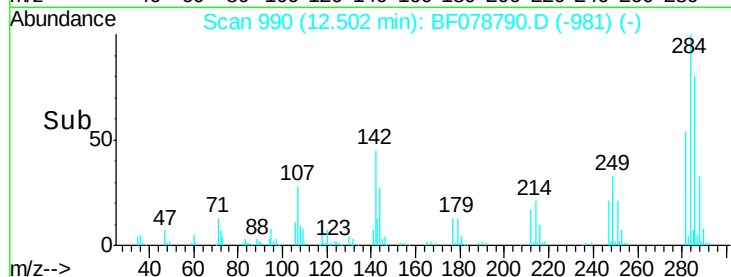
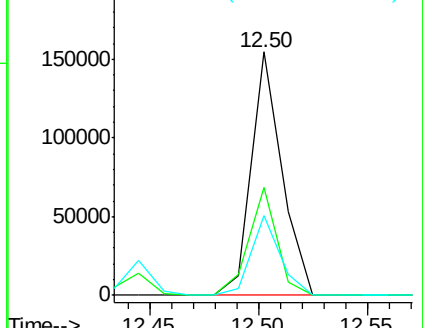
249 33.0 25.4 38.2



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: 41.73 ng

RT: 12.65 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

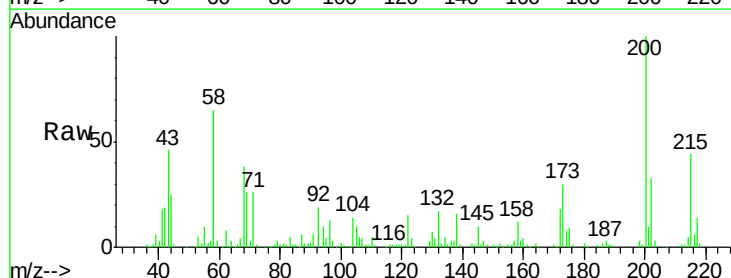
Tgt Ion:200 Resp: 123378

Ion Ratio Lower Upper

200 100

173 30.2 8.1 48.1

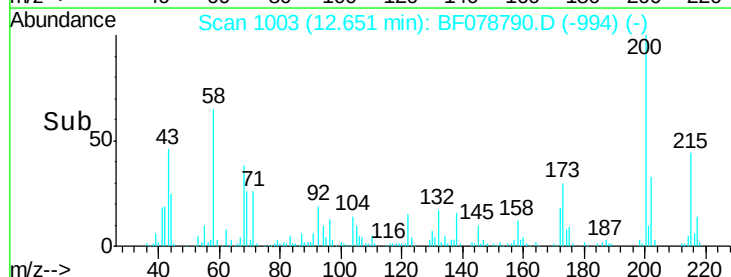
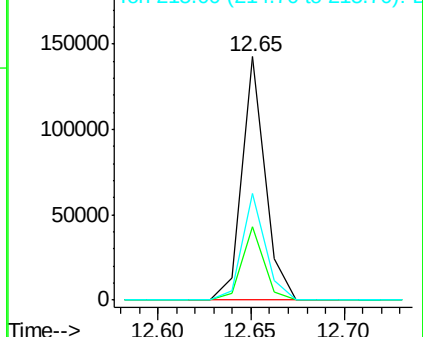
215 44.0 22.9 62.9

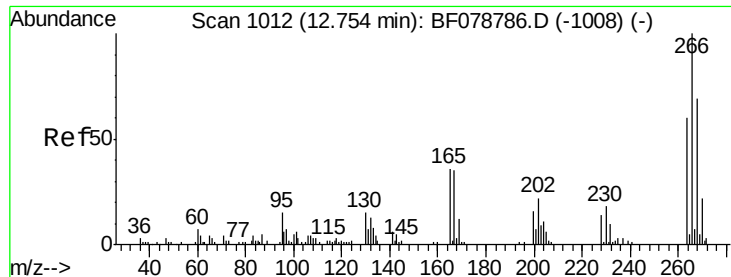


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

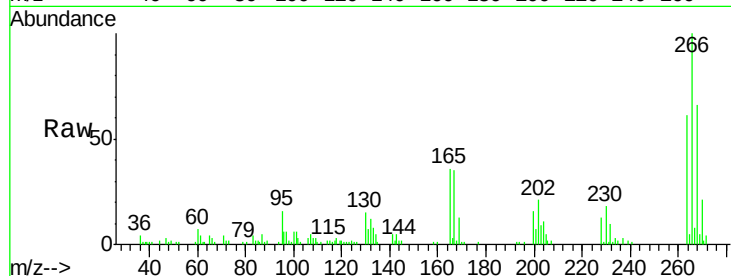




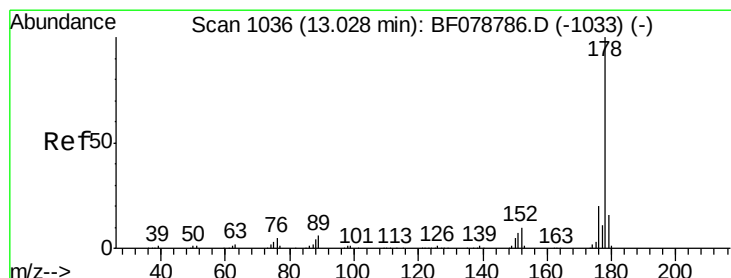
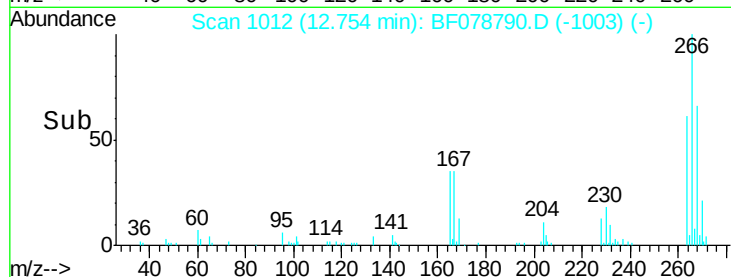
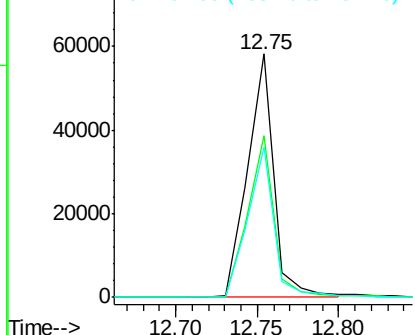
#69
 Pentachlorophenol
 Concen: 40.91 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Tot Ion:266 Resp: 65019
 Ion Ratio Lower Upper
 266 100
 268 66.3 55.0 82.6
 264 61.5 48.2 72.2

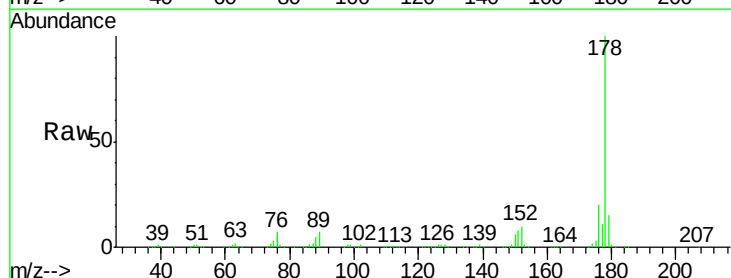


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

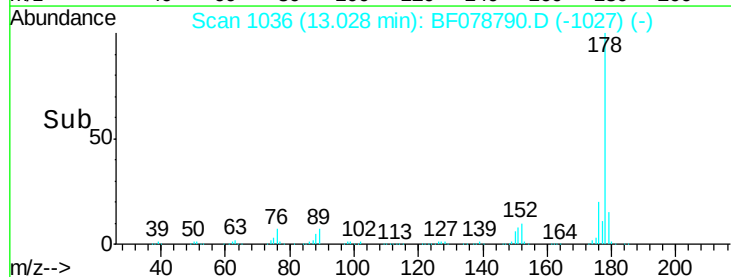
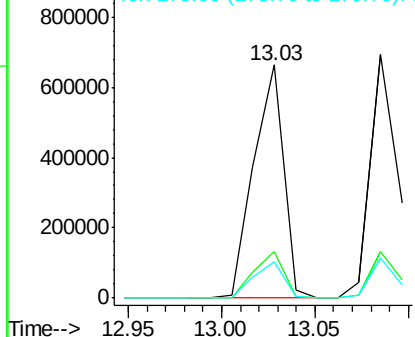


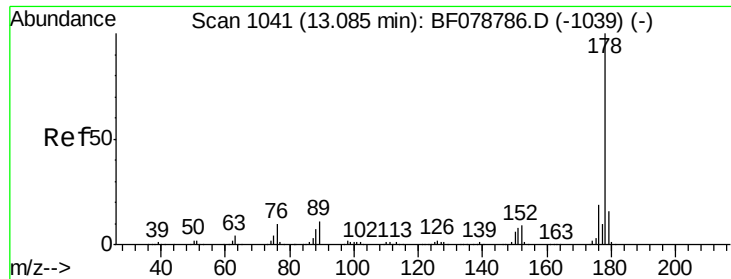
#70
 Phenanthrene
 Concen: 39.64 ng
 RT: 13.03 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:178 Resp: 732754
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 12.5 18.7



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

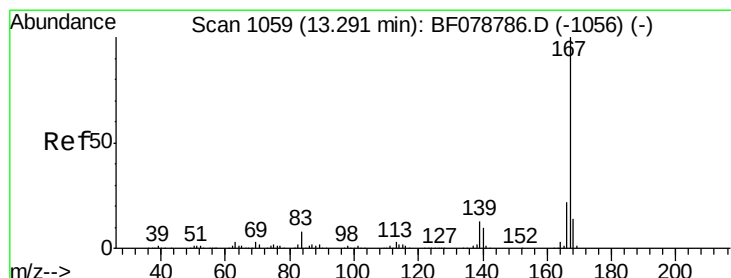
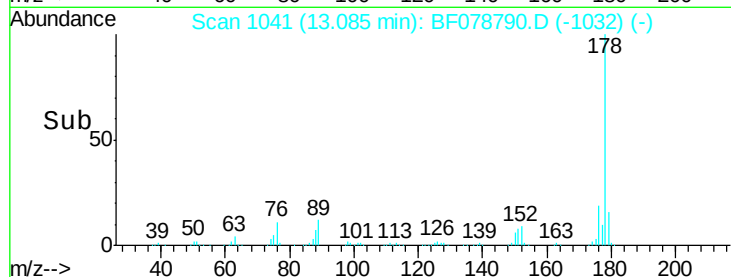
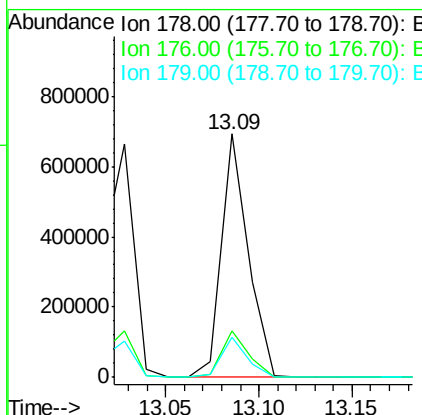
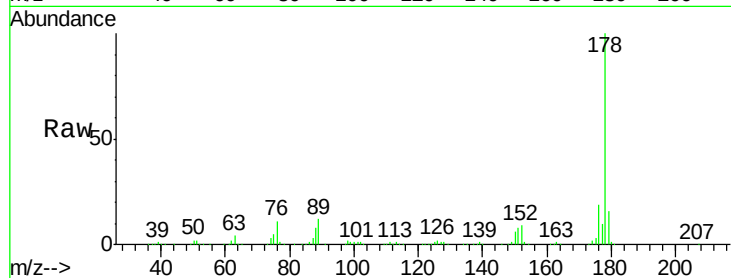




#71
 Anthracene
 Concen: 38.44 ng
 RT: 13.09 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

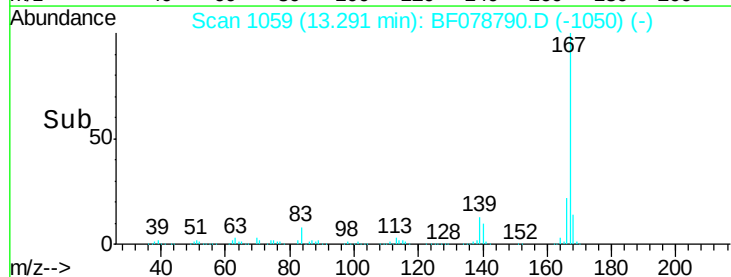
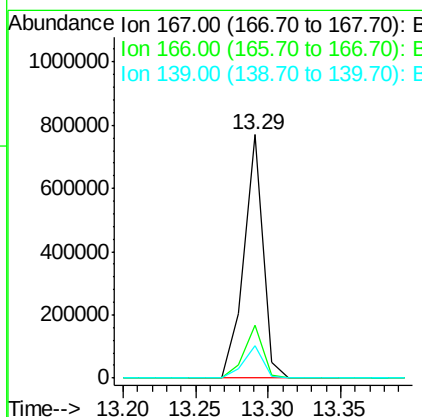
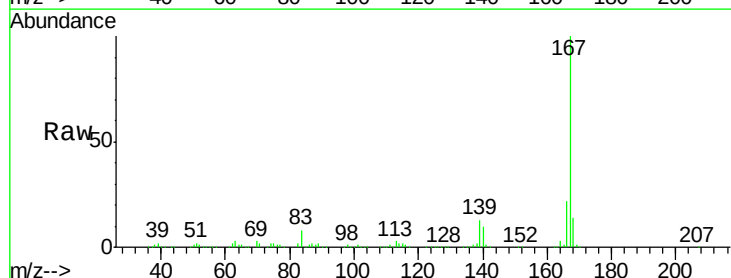
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

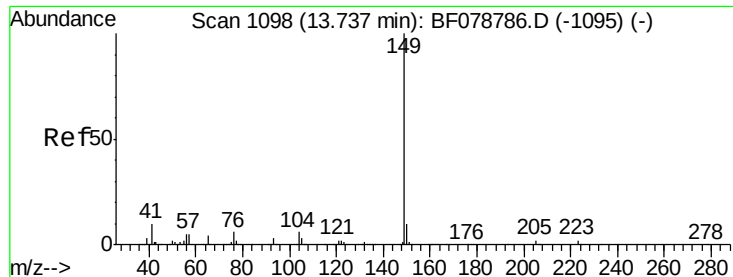
Tot Ion:178 Resp: 694735
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 16.3 12.7 19.1



#72
 Carbazole
 Concen: 41.36 ng
 RT: 13.29 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion:167 Resp: 705816
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 13.3 10.6 16.0





#73

Di-n-butylphthalate

Concen: 40.21 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

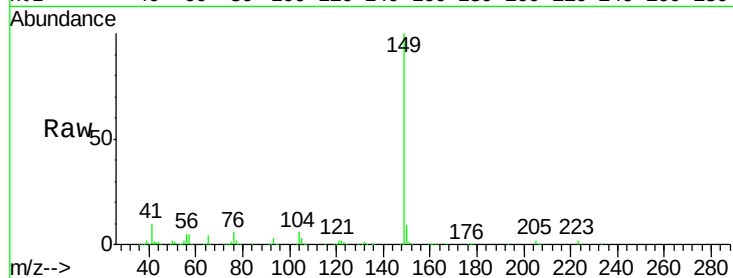
Tot Ion:149 Resp: 795043

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

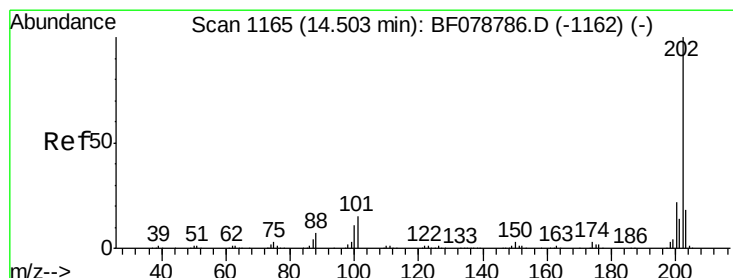
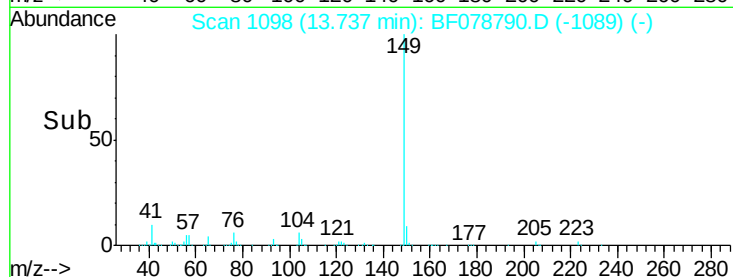
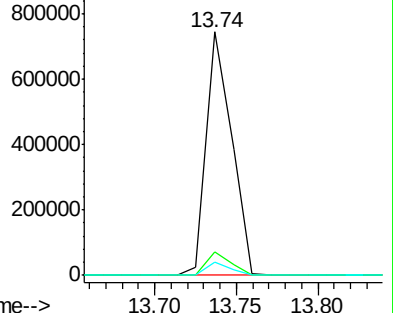
104 5.6 4.6 7.0



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: 40.19 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

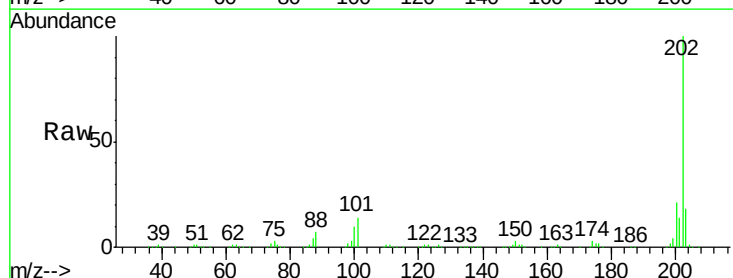
Tgt Ion:202 Resp: 740807

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.6

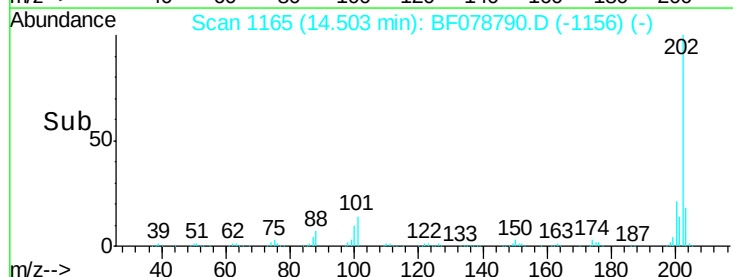
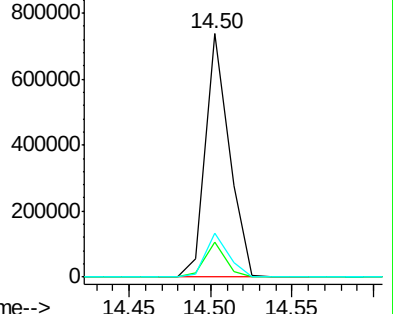
203 18.0 0.0 38.4

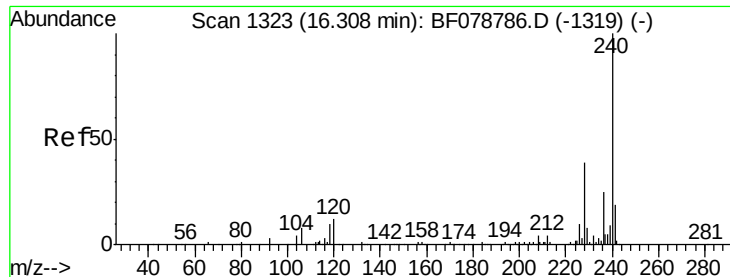


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

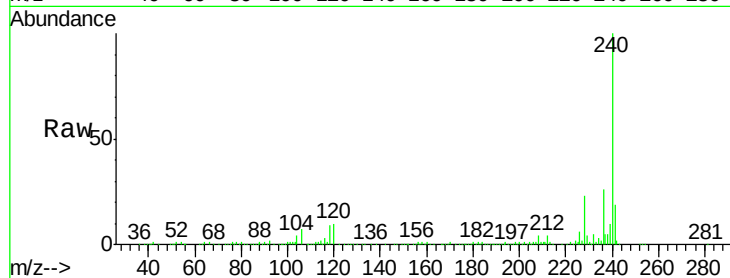
Tot Ion:240 Resp: 349396

Ion Ratio Lower Upper

240 100

120 10.2 9.7 14.5

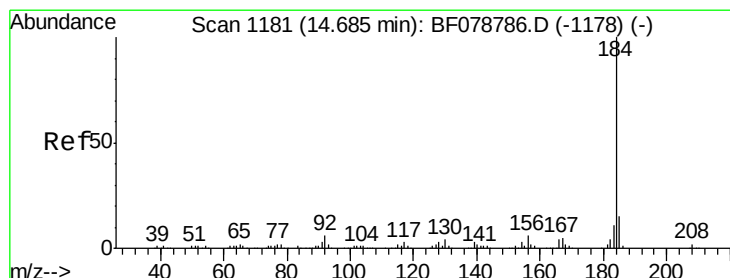
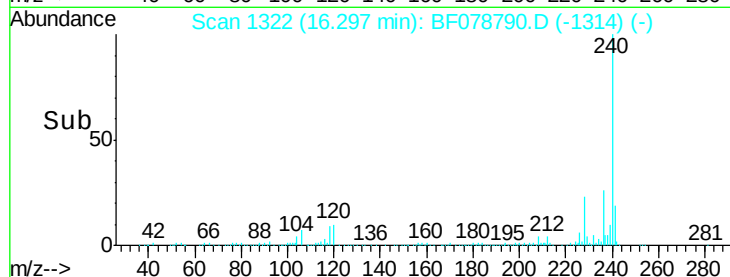
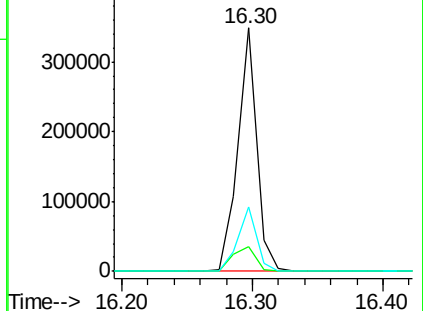
236 26.3 20.2 30.4



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: 39.40 ng

RT: 14.69 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

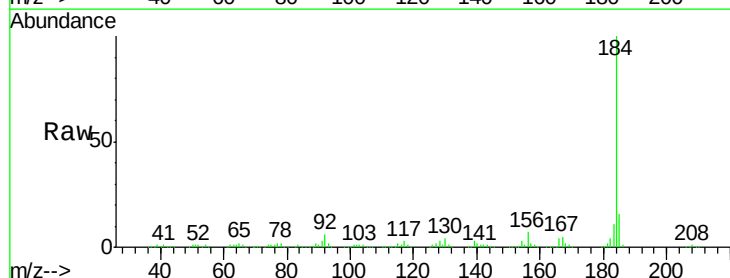
Tgt Ion:184 Resp: 445576

Ion Ratio Lower Upper

184 100

185 15.6 12.3 18.5

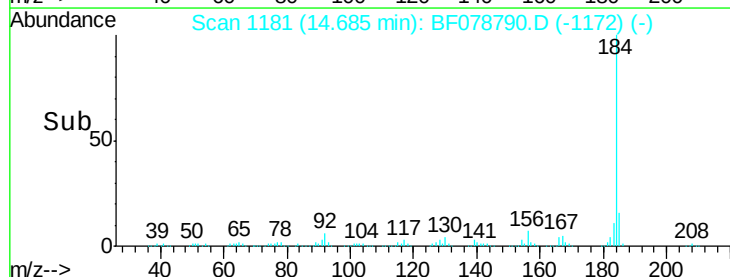
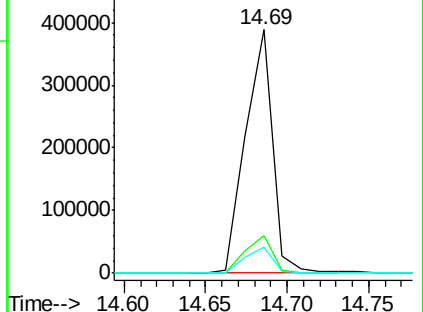
183 10.7 8.4 12.6

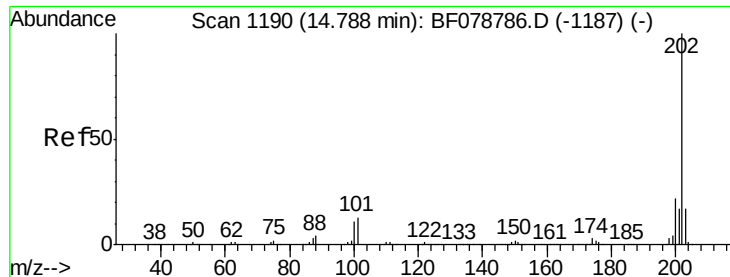


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

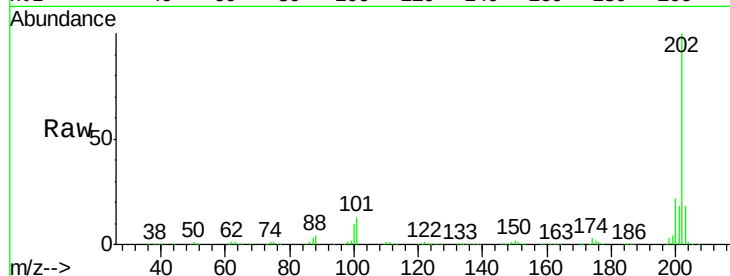




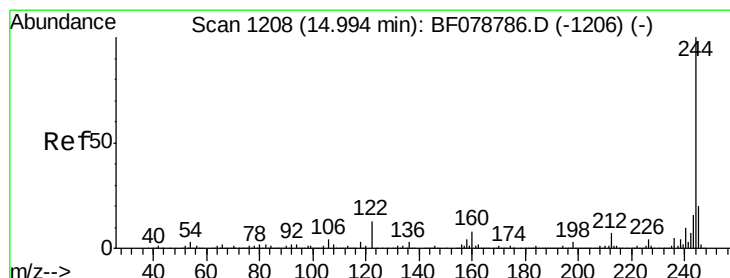
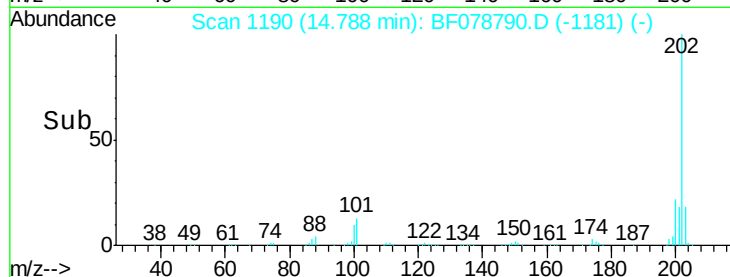
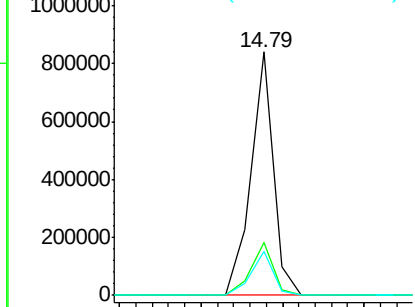
#77
 Pvrene
 Concen: 39.42 ng
 RT: 14.79 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.8	13.9	20.9

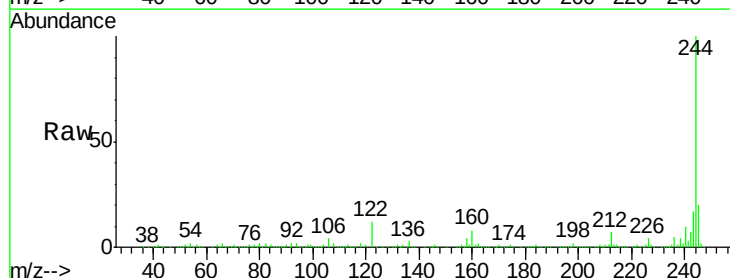


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

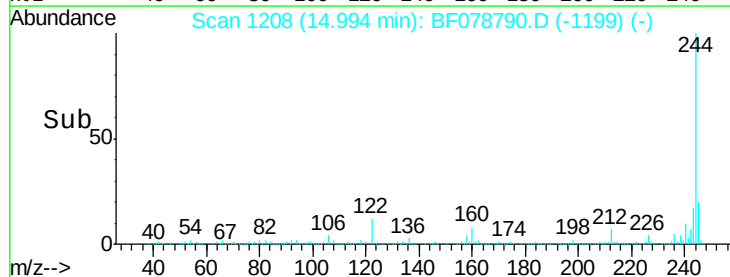
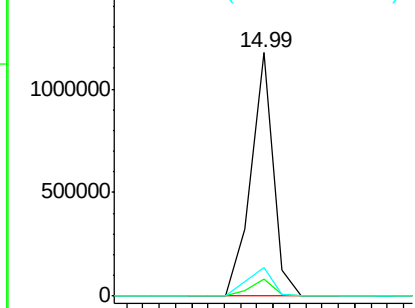


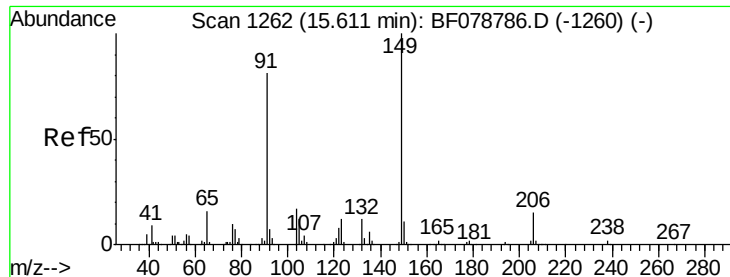
#78
 Terphenyl-d14
 Concen: 76.68 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	10.3	15.5



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





#79

Butylbenzylphthalate

Concen: 39.33 ng

RT: 15.61 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

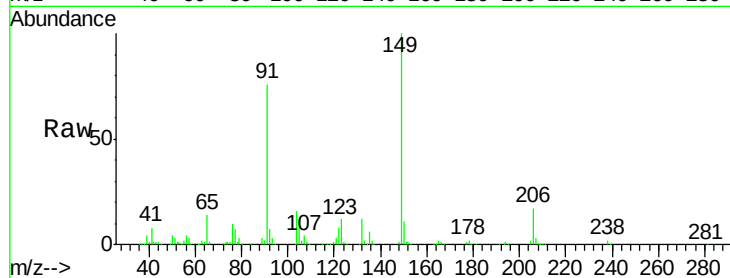
Tot Ion:149 Resp: 307882

Ion Ratio Lower Upper

149 100

91 75.8 64.6 97.0

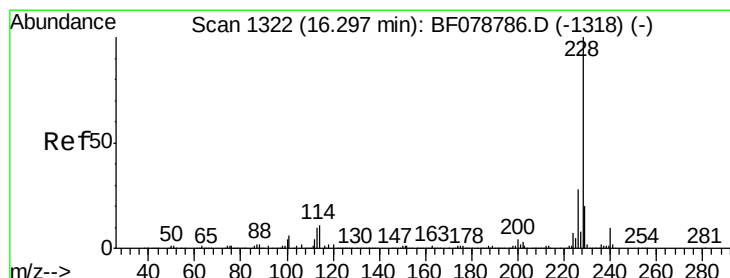
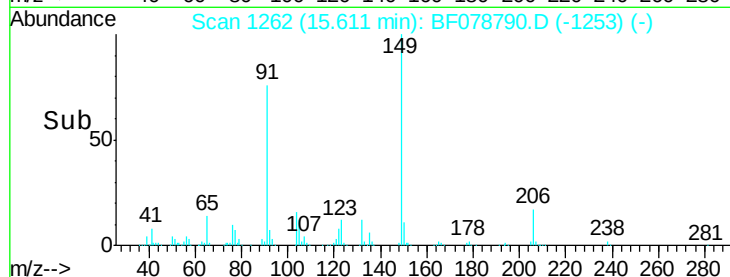
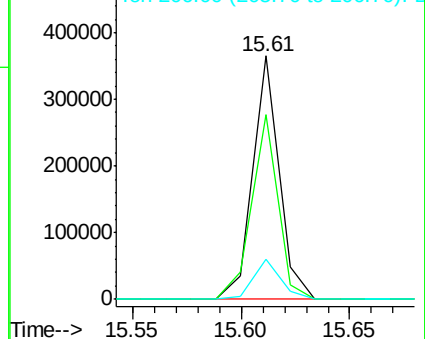
206 16.6 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.71 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

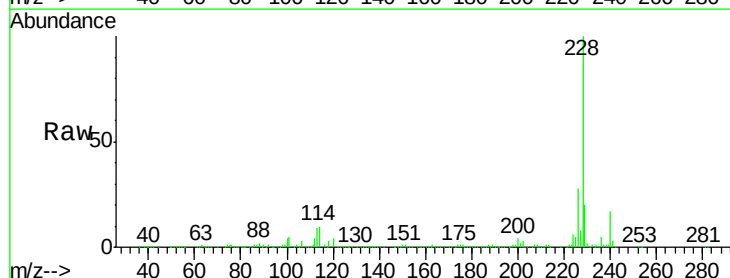
Tgt Ion:228 Resp: 744420

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

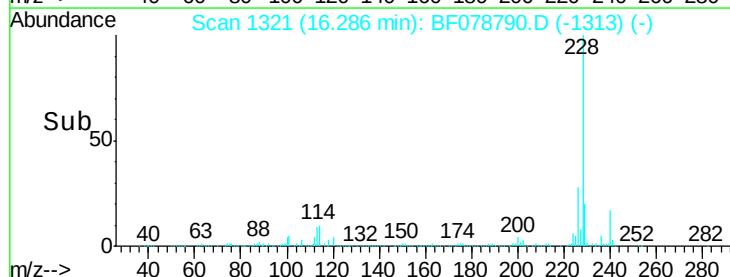
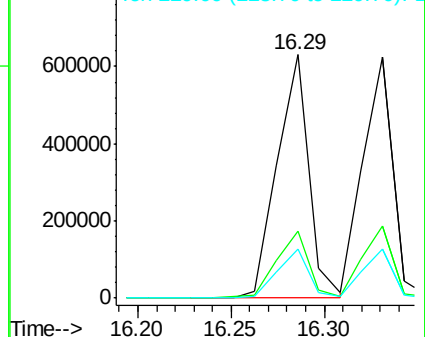
229 20.0 15.9 23.9

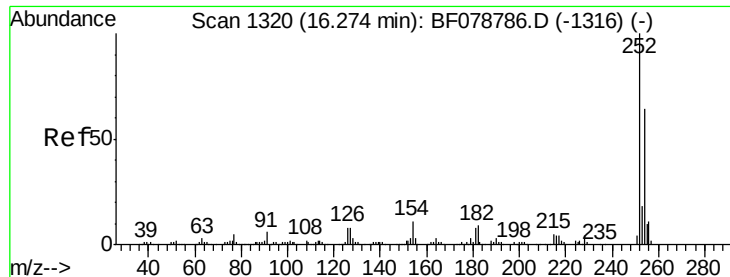


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

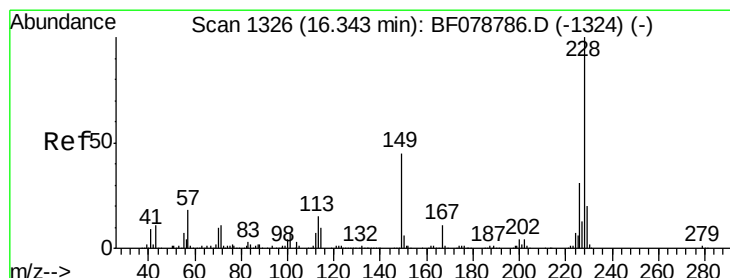
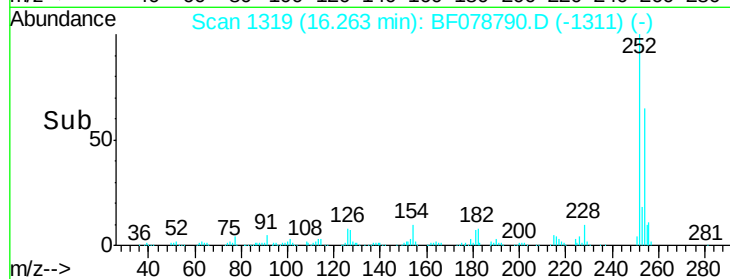
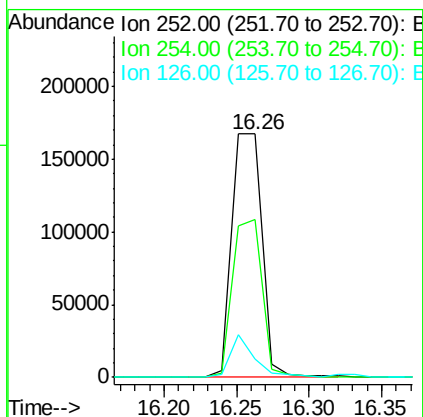
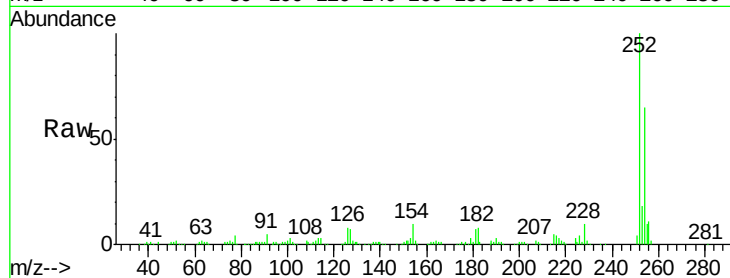




#81
 3,3'-Dichlorobenzidine
 Concen: 37.99 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

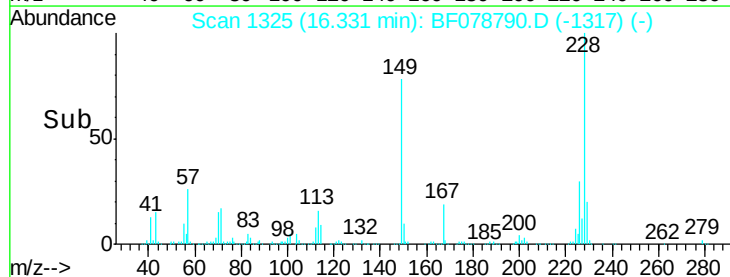
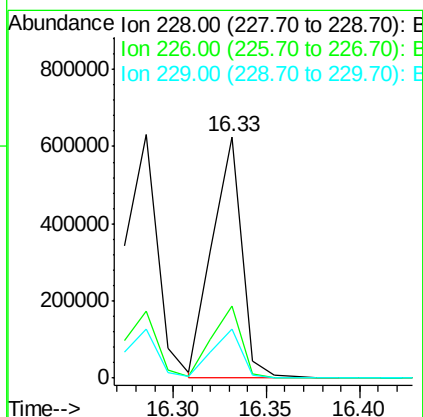
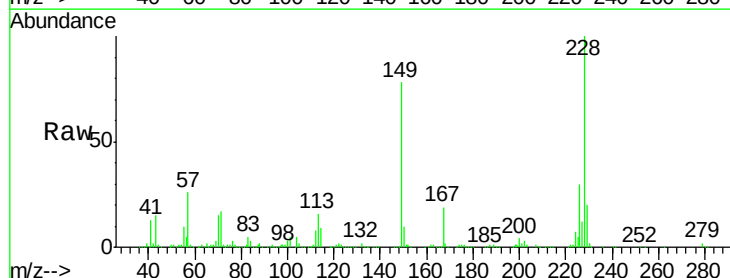
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042815

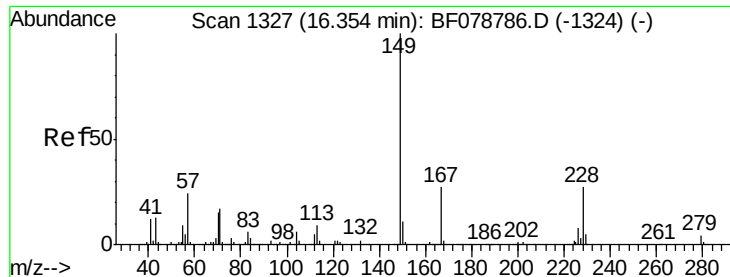
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	7.5	6.6	10.0



#82
 Chrysene
 Concen: 37.77 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF078790.D
 Acq: 28 Apr 2015 22:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.54 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

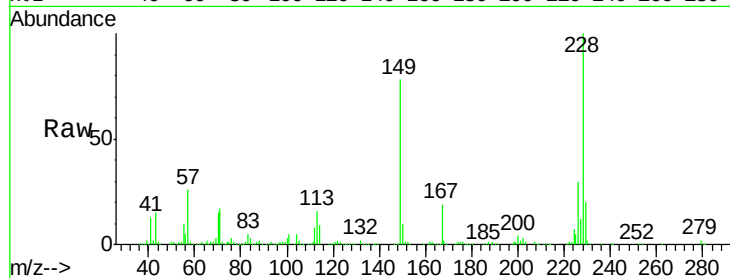
Tot Ion:149 Resp: 496922

Ion Ratio Lower Upper

149 100

167 24.9 21.8 32.8

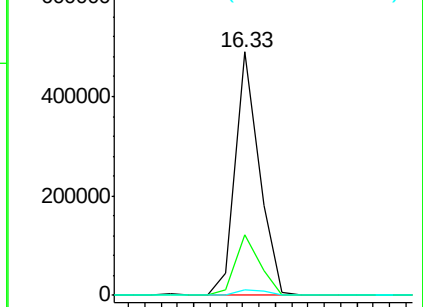
279 2.3 2.9 4.3#



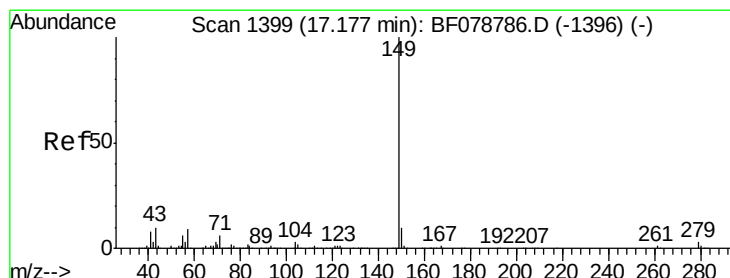
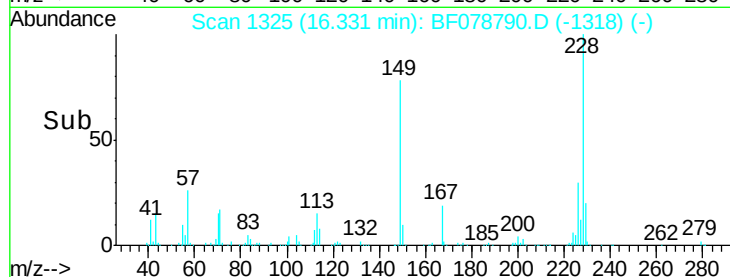
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 37.46 ng

RT: 17.13 min Scan# 1395

Delta R.T. -0.05 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

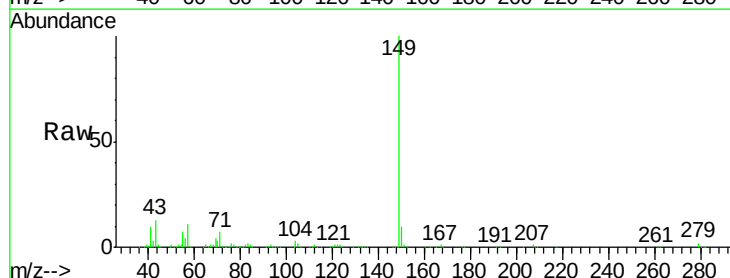
Tgt Ion:149 Resp: 727499

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

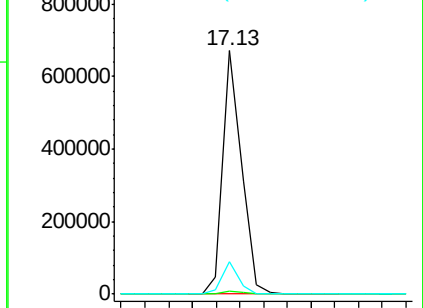
43 12.2 0.0 0.0#



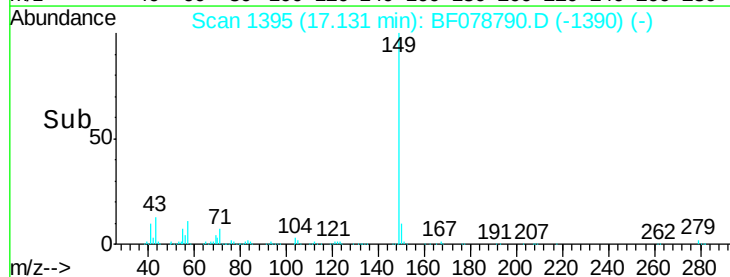
Abundance Ion 149.00 (148.70 to 149.70): E

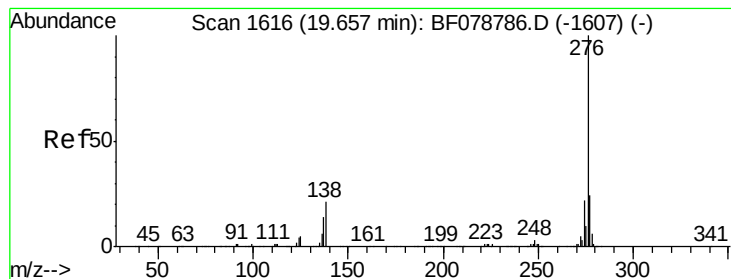
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.47 ng

RT: 19.58 min Scan# 1609

Delta R.T. -0.08 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

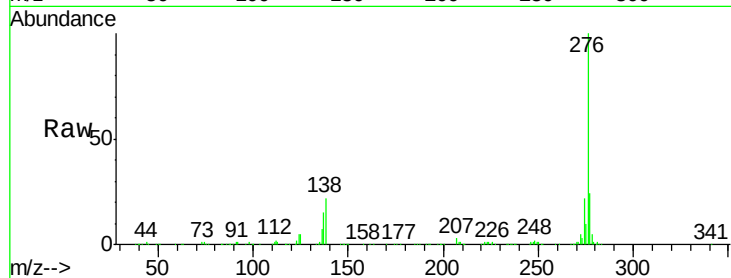
Tot Ion:276 Resp: 818215

Ion Ratio Lower Upper

276 100

138 26.7 0.0 0.0#

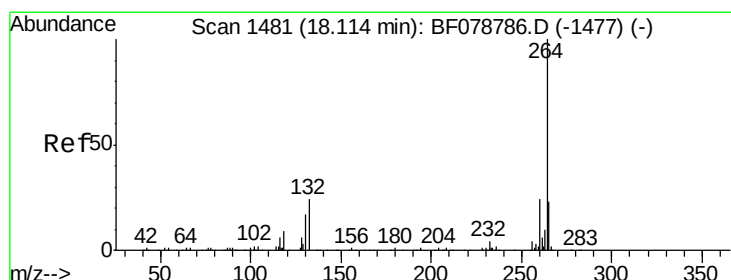
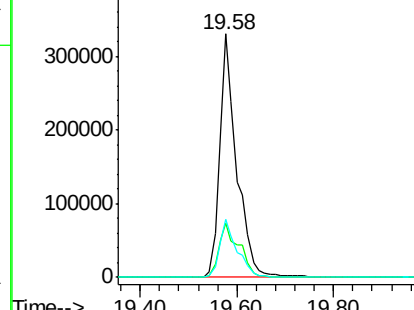
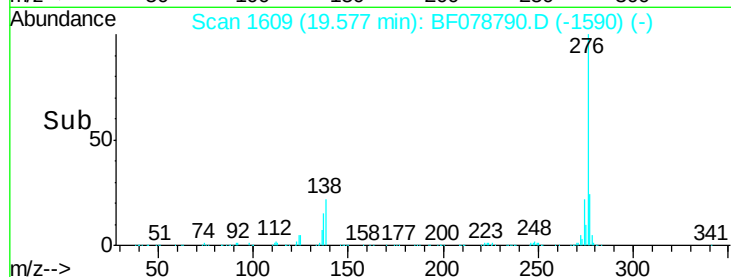
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.05 min Scan# 1475

Delta R.T. -0.07 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

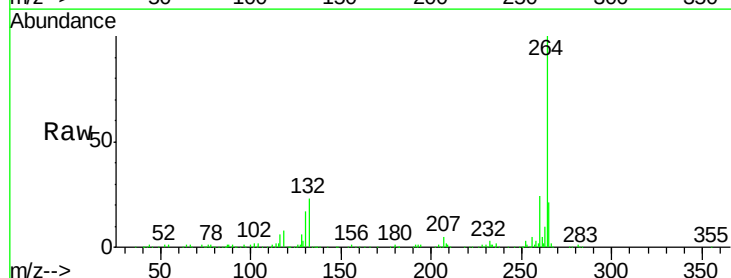
Tgt Ion:264 Resp: 325598

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

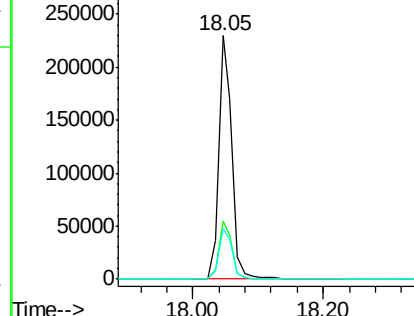
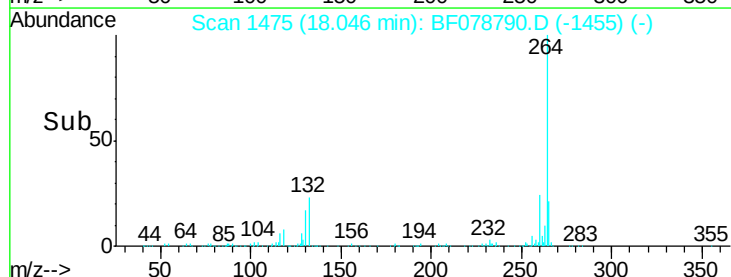
265 20.9 18.3 27.5

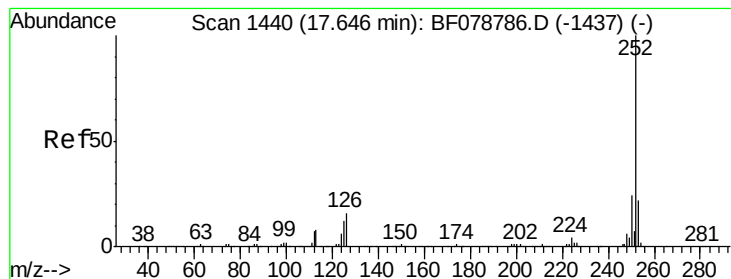


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.12 ng

RT: 17.59 min Scan# 1435

Delta R.T. -0.06 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

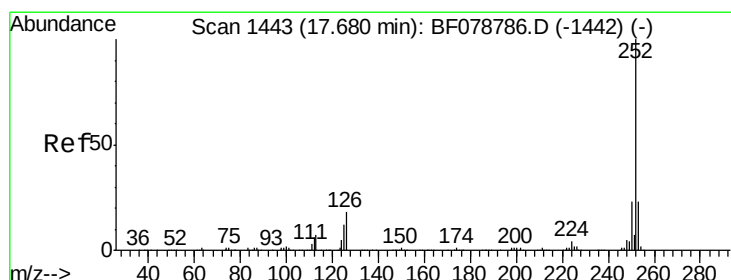
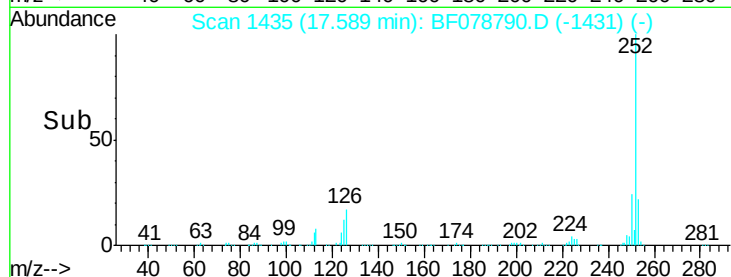
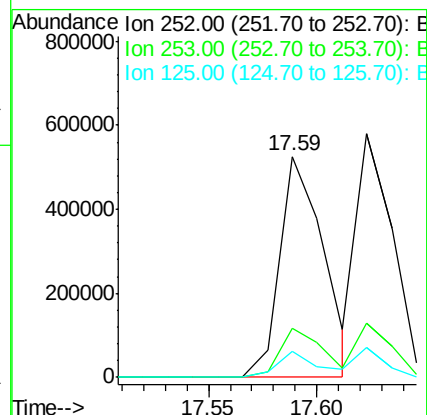
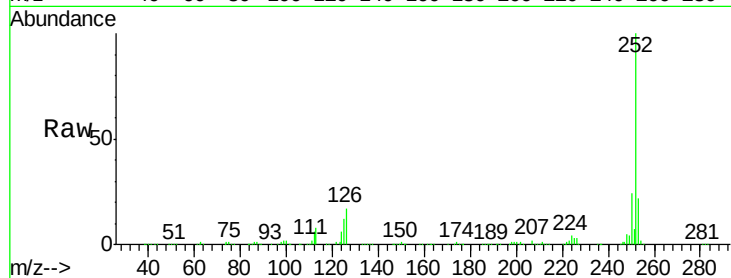
Tot Ion:252 Resp: 742395

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.9 9.5 14.3



#88

Benzo(k)fluoranthene

Concen: 38.58 ng

RT: 17.62 min Scan# 1438

Delta R.T. -0.06 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

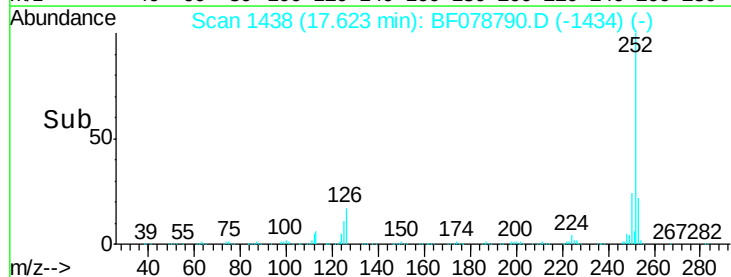
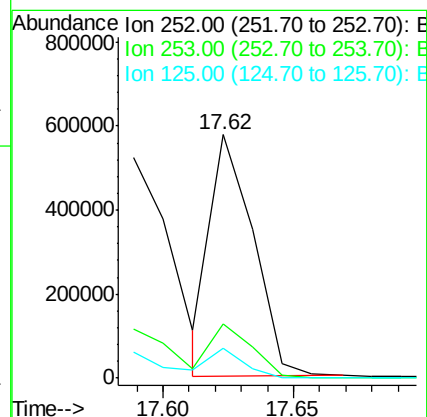
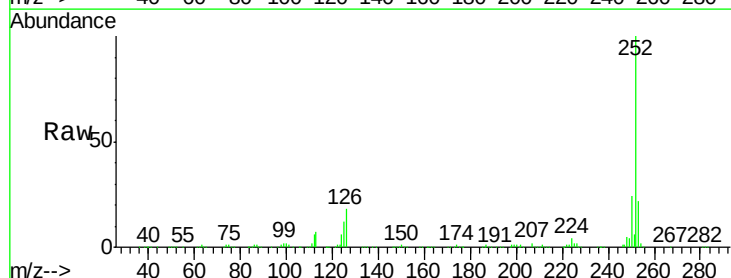
Tgt Ion:252 Resp: 658963

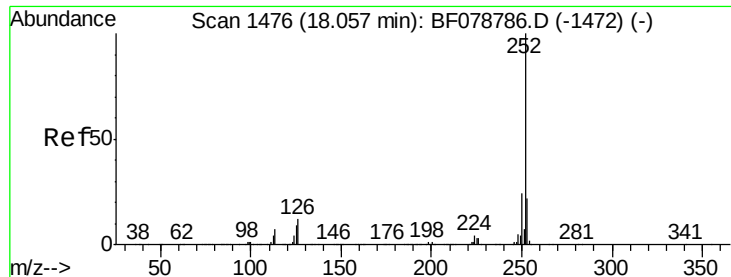
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 12.2 10.0 15.0





#89

Benzo(a)pyrene

Concen: 41.24 ng

RT: 17.99 min Scan# 1470

Delta R.T. -0.07 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

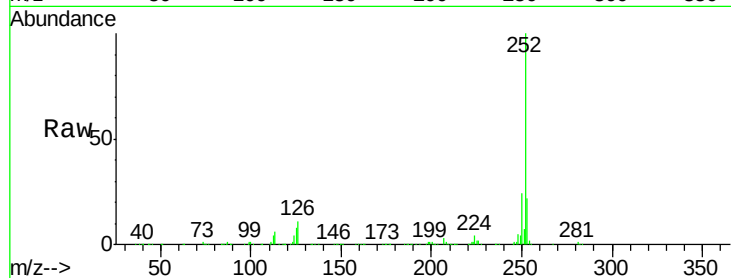
Tot Ion:252 Resp: 650300

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

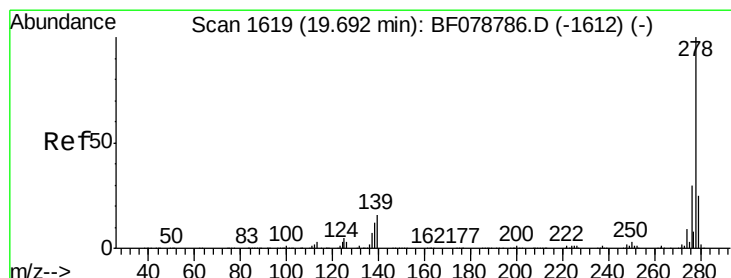
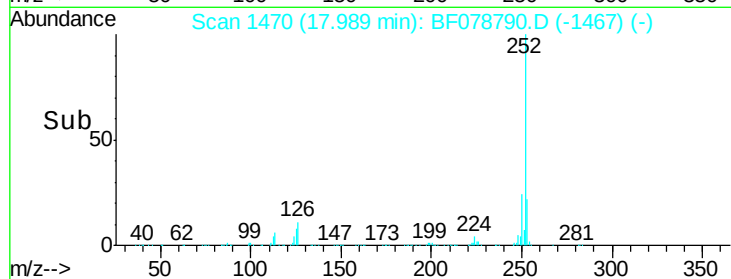
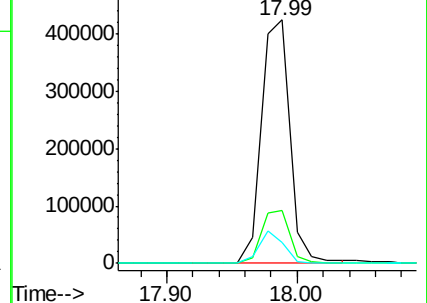
125 8.4 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.76 ng

RT: 19.61 min Scan# 1612

Delta R.T. -0.08 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

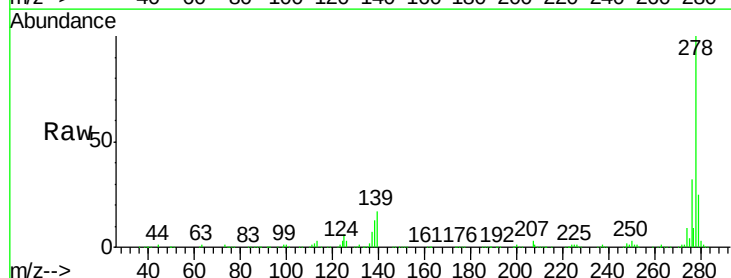
Tgt Ion:278 Resp: 665667

Ion Ratio Lower Upper

278 100

139 16.9 12.8 19.2

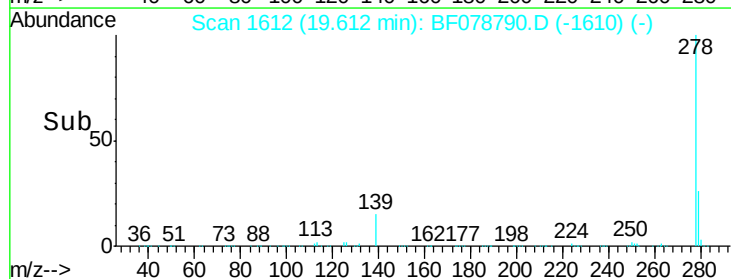
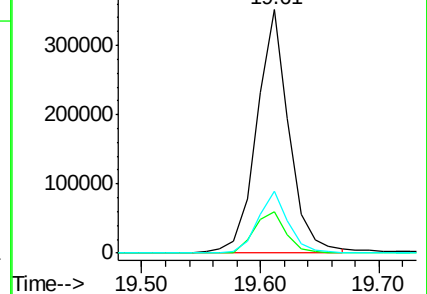
279 25.1 19.6 29.4

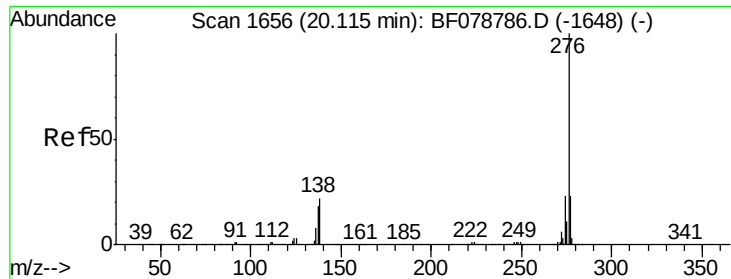


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.64 ng

RT: 20.03 min Scan# 1649

Delta R.T. -0.08 min

Lab File: BF078790.D

Acq: 28 Apr 2015 22:49

Instrument :

BNA_F

ClientSampleId :

ICVBF042815

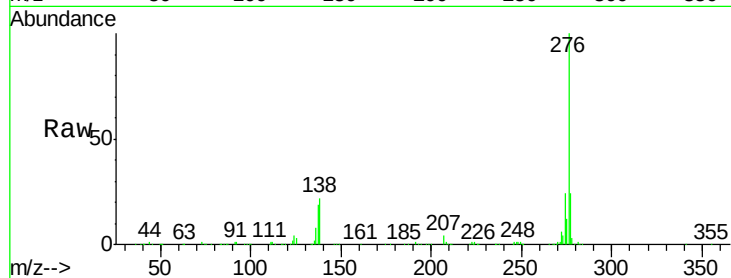
Tot Ion:276 Resp: 666194

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 22.2 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

