

Data Path : Z:\HPCHEM1\BNA_F\Data\BF122215\
 Data File : BF084002.D
 Acq On : 22 Dec 2015 21:44
 Operator : UM/SJ
 Sample : PB87413BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 02:23:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	49715	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	195551	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	101824	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	206149	20.00	ng	0.00
75) Chrysene-d12	14.00	240	158021	20.00	ng	0.00
86) Perylene-d12	15.43	264	130276	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	361403	123.95	ng	0.01
7) Phenol-d6	6.48	99	486945	142.04	ng	0.00
23) Nitrobenzene-d5	7.39	82	265888	83.53	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	141291	144.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	611618	80.84	ng	0.00
78) Terphenyl-d14	12.93	244	623250	94.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	46967	33.83	ng	99
3) Pyridine	3.18	79	127796	40.44	ng	98
4) n-Nitrosodimethylamine	3.13	42	58625	49.92	ng	98
6) Aniline	6.50	93	131652	27.75	ng	95
8) 2-Chlorophenol	6.62	128	169430	50.46	ng	86
9) Benzaldehyde	6.37	77	59940	26.18	ng	97
10) Phenol	6.49	94	184879	46.62	ng	85
11) bis(2-Chloroethyl)ether	6.57	93	150139	49.54	ng	99
12) 1,3-Dichlorobenzene	6.77	146	155955	41.80	ng	99
13) 1,4-Dichlorobenzene	6.84	146	151615	41.62	ng	96
14) 1,2-Dichlorobenzene	7.00	146	155460	44.64	ng	98
15) Benzyl Alcohol	6.98	79	121913	45.16	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	127476	43.57	ng	93
17) 2-Methylphenol	7.09	107	110605	41.35	ng	94
18) Hexachloroethane	7.34	117	58842	44.05	ng	# 90
19) n-Nitroso-di-n-propylamine	7.24	70	89159	42.92	ng	# 85
20) 3+4-Methylphenols	7.25	107	154068	46.68	ng	# 55
22) Acetophenone	7.24	105	199429	43.47	ng	# 92
24) Nitrobenzene	7.41	77	149838	45.67	ng	98
25) Isophorone	7.65	82	261231	43.31	ng	98
26) 2-Nitrophenol	7.73	139	80541	45.62	ng	95
27) 2,4-Dimethylphenol	7.78	122	145823	47.39	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	162564	43.51	ng	98
29) 2,4-Dichlorophenol	7.98	162	122003	44.38	ng	93
30) 1,2,4-Trichlorobenzene	8.05	180	123008	42.89	ng	99
31) Naphthalene	8.13	128	422095	42.25	ng	100
32) Benzoic acid	7.92	122	56232	40.54	ng	93
33) 4-Chloroaniline	8.19	127	58465	14.31	ng	# 93
34) Hexachlorobutadiene	8.26	225	74469	43.45	ng	100
35) Caprolactam	8.56	113	40601m	49.14	ng	
36) 4-Chloro-3-methylphenol	8.68	107	139117	47.31	ng	93
37) 2-Methylnaphthalene	8.83	142	305053	47.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	130576	42.66	ng	98
40) Hexachlorocyclopentadiene	8.99	237	85187	86.88	ng	99

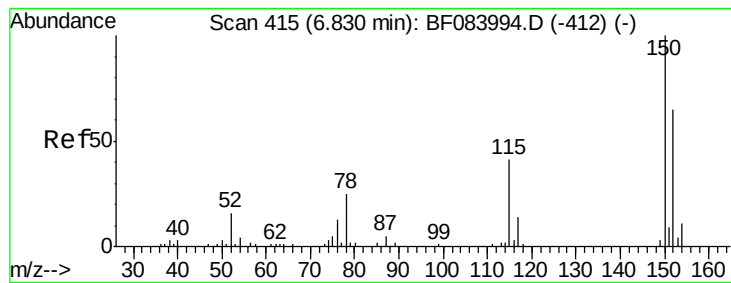
Data Path : Z:\HPCHEM1\BNA_F\Data\BF122215\
 Data File : BF084002.D
 Acq On : 22 Dec 2015 21:44
 Operator : UM/SJ
 Sample : PB87413BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 02:23:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	81562	44.25	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	89890	46.85	ng #	92
45) 1,1'-Biphenyl	9.30	154	354605	39.39	ng	95
46) 2-Chloronaphthalene	9.32	162	277891	42.88	ng	92
47) 2-Nitroaniline	9.41	65	75722	42.86	ng	90
48) Acenaphthylene	9.73	152	459015	44.73	ng	99
49) Dimethylphthalate	9.60	163	326954	41.03	ng #	90
50) 2,6-Dinitrotoluene	9.65	165	72191	42.93	ng #	53
51) Acenaphthene	9.90	154	278239	45.60	ng	100
52) 3-Nitroaniline	9.82	138	37205	20.83	ng	91
53) 2,4-Dinitrophenol	9.94	184	60773	84.01	ng #	77
54) Dibenzofuran	10.08	168	397804	43.56	ng	92
55) 4-Nitrophenol	10.01	139	95990	91.46	ng	85
56) 2,4-Dinitrotoluene	10.06	165	100088	47.34	ng	97
57) Fluorene	10.42	166	359204	49.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	80642	53.31	ng	89
59) Diethylphthalate	10.29	149	384460	49.10	ng	96
60) 4-Chlorophenyl-phenylether	10.41	204	150403	45.36	ng #	86
61) 4-Nitroaniline	10.44	138	83237	45.55	ng	96
62) Azobenzene	10.57	77	355810	51.46	ng	91
64) 4,6-Dinitro-2-methylphenol	10.48	198	56016	46.48	ng	82
65) n-Nitrosodiphenylamine	10.53	169	340044	44.66	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	104739	44.31	ng #	84
67) Hexachlorobenzene	10.97	284	111712	43.30	ng #	77
68) Atrazine	11.06	200	99246	43.12	ng	99
69) Pentachlorophenol	11.17	266	81204	85.42	ng	100
70) Phenanthrene	11.38	178	510197	43.79	ng	99
71) Anthracene	11.44	178	528705	44.68	ng	99
72) Carbazole	11.58	167	440905	39.85	ng	100
73) Di-n-butylphthalate	11.92	149	621065	45.21	ng #	97
74) Fluoranthene	12.57	202	546173	47.27	ng	97
76) Benzidine	12.68	184	152752	27.11	ng	99
77) Pyrene	12.80	202	572740	53.42	ng	100
79) Butylbenzylphthalate	13.41	149	285485	57.90	ng #	83
80) Benzo(a)anthracene	13.99	228	422292	46.34	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	87728	25.60	ng #	95
82) Chrysene	14.02	228	352174	41.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	323653	47.33	ng #	98
84) Di-n-octyl phthalate	14.58	149	535234	50.90	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	370980	53.02	ng	99
87) Benzo(b)fluoranthene	15.01	252	351780m	42.83	ng	
88) Benzo(k)fluoranthene	15.04	252	367549m	47.06	ng	
89) Benzo(a)pyrene	15.37	252	343543	45.16	ng	100
90) Dibenzo(a,h)anthracene	16.84	278	312737	49.61	ng #	96
91) Benzo(g,h,i)perylene	17.25	276	305490	47.91	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

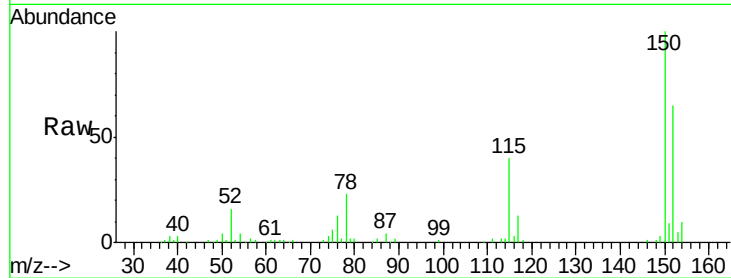
Tgt Ion:152 Resp: 49715

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

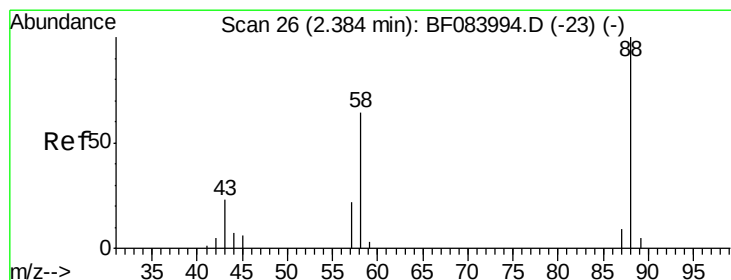
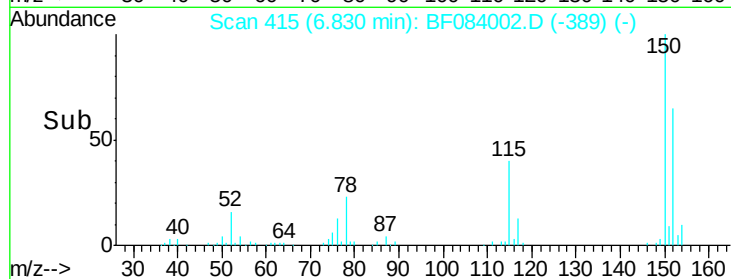
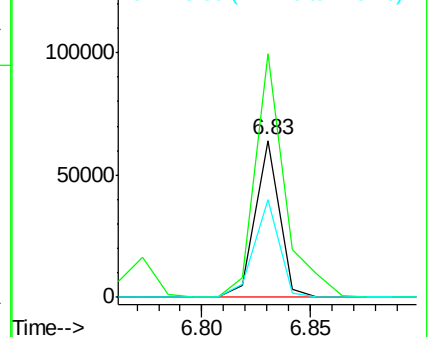
115 62.2 51.4 77.2



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: 33.83 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.08 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

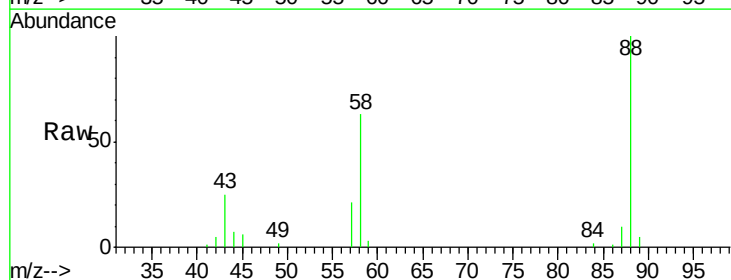
Tgt Ion: 88 Resp: 46967

Ion Ratio Lower Upper

88 100

58 64.2 51.2 76.8

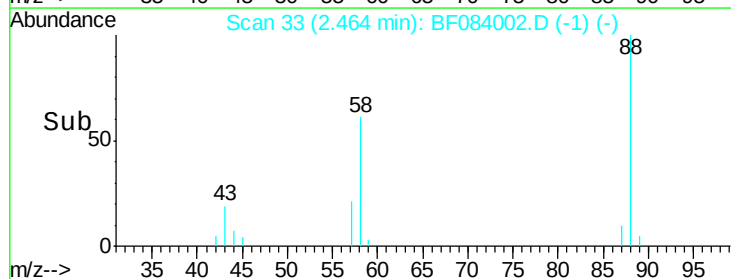
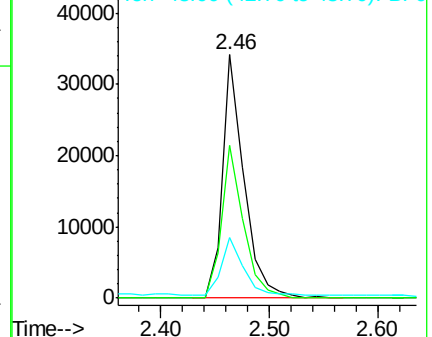
43 25.2 19.5 29.3

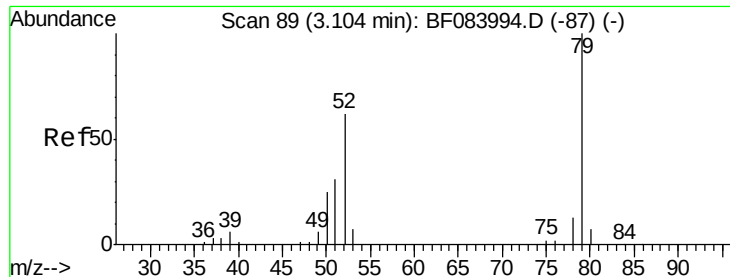


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

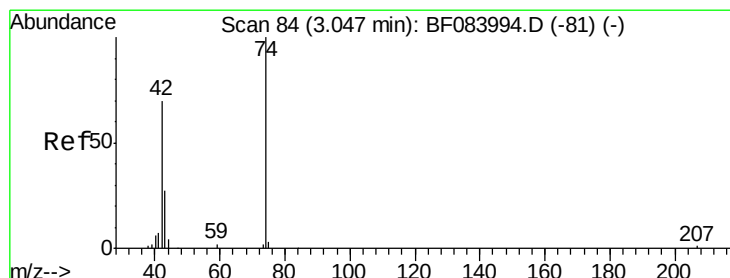
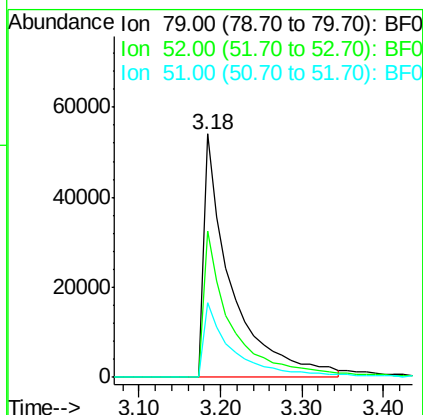
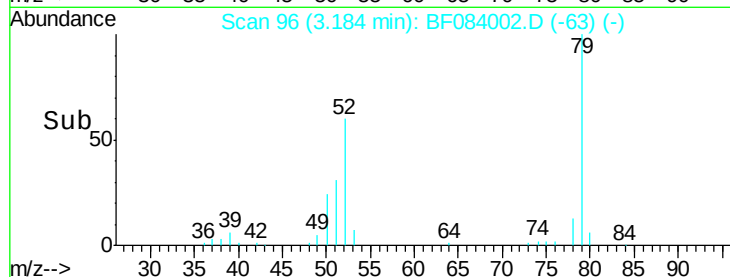
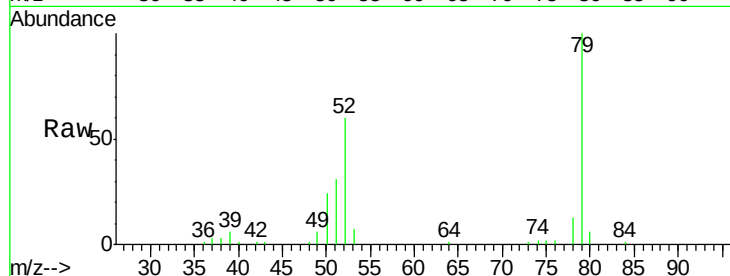




#3
 Pyridine
 Concen: 40.44 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.08 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

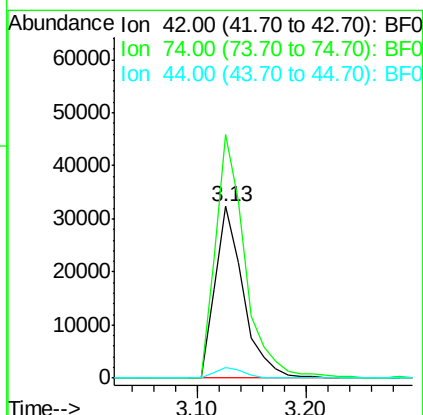
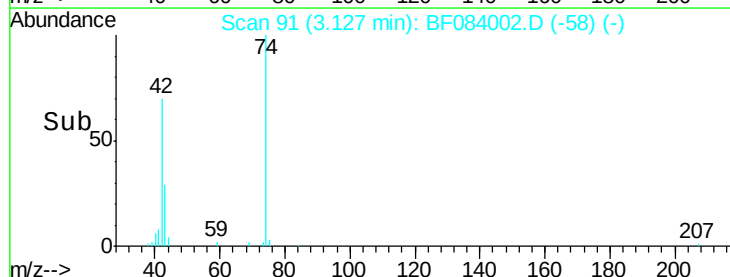
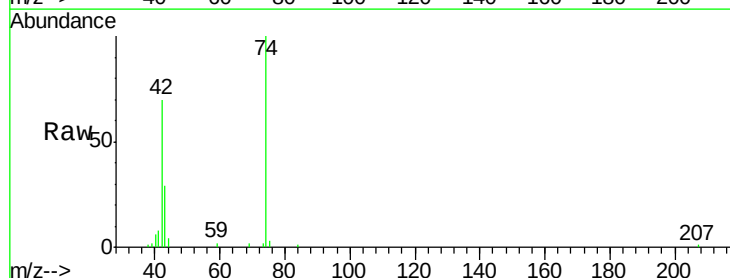
Instrument :
 BNA_F
 ClientSampleId :

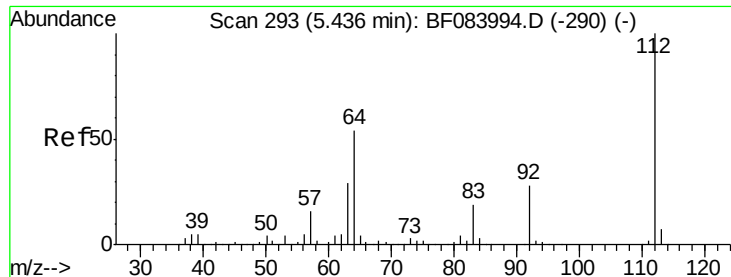
Tgt Ion: 79 Resp: 127796
 Ion Ratio Lower Upper
 79 100
 52 59.8 49.0 73.4
 51 30.6 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 49.92 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.08 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion: 42 Resp: 58625
 Ion Ratio Lower Upper
 42 100
 74 141.9 115.7 173.5
 44 6.2 5.1 7.7





#5

2-Fluorophenol

Concen: 123.95 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampled :

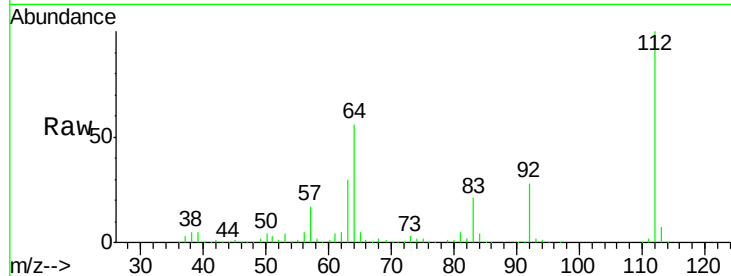
Tgt Ion: 112 Resp: 361403

Ion Ratio Lower Upper

112 100

64 56.4 36.6 55.0#

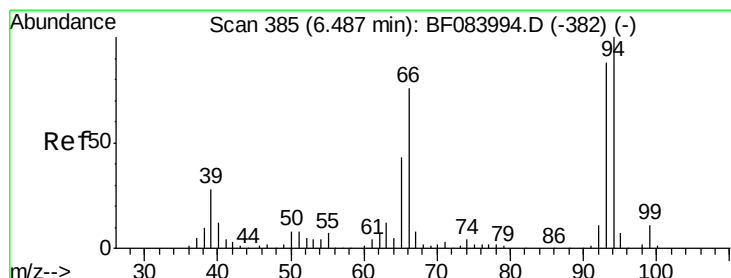
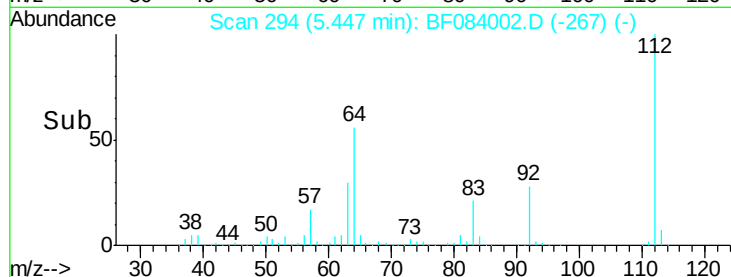
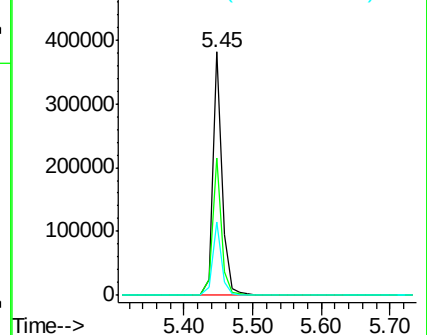
63 30.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.75 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

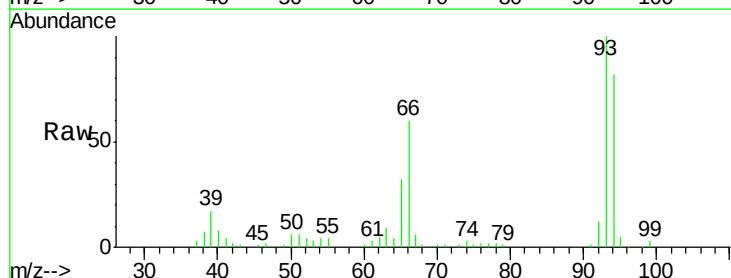
Tgt Ion: 93 Resp: 131652

Ion Ratio Lower Upper

93 100

66 59.8 44.9 67.3

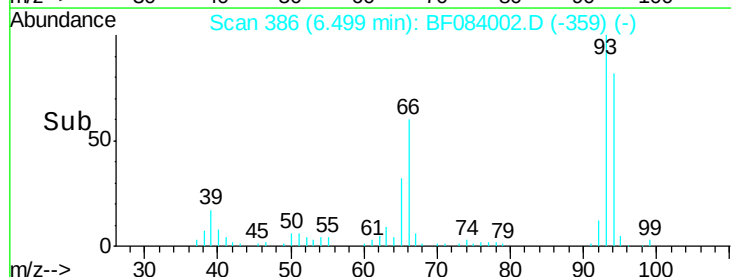
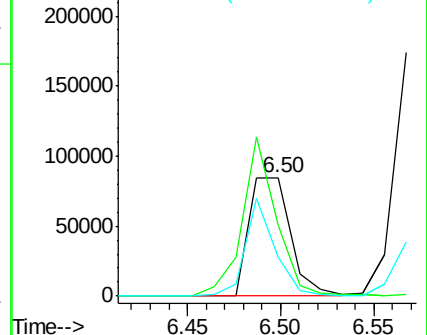
65 32.4 23.7 35.5

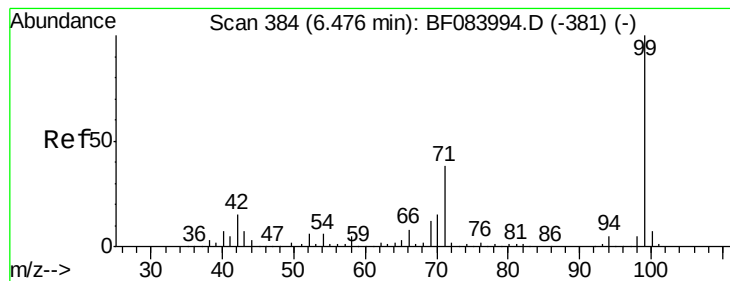


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.04 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

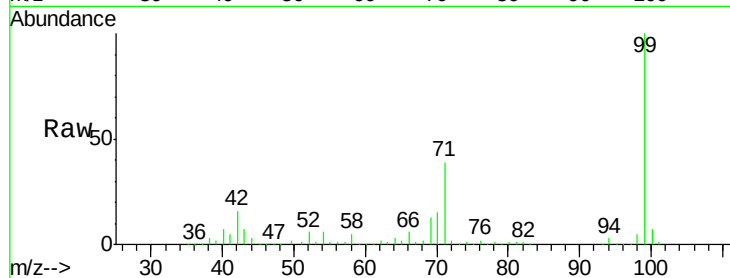
Tgt Ion: 99 Resp: 486945

Ion Ratio Lower Upper

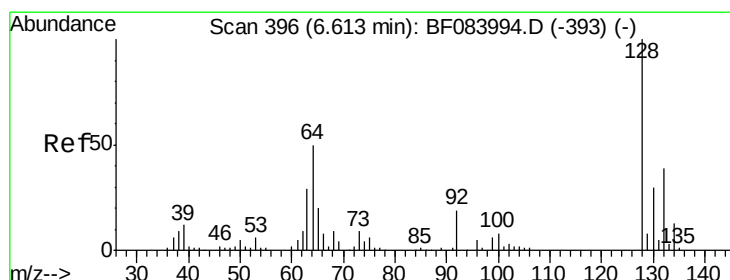
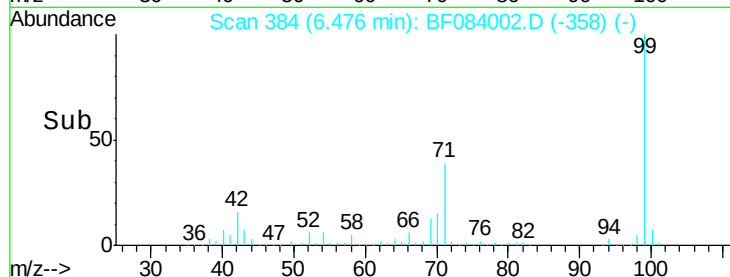
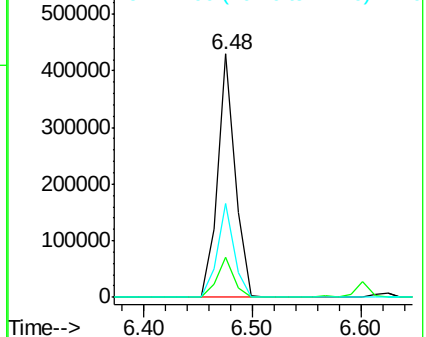
99 100

42 16.3 12.8 19.2

71 38.8 30.9 46.3



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: 50.46 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

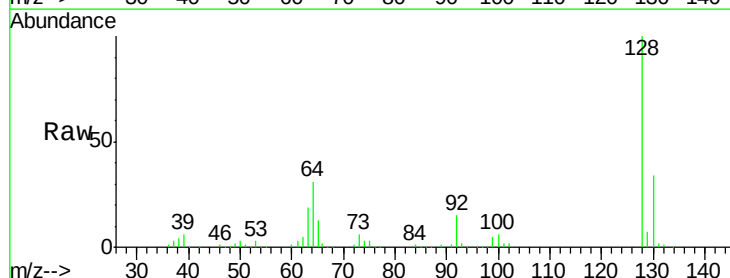
Tgt Ion: 128 Resp: 169430

Ion Ratio Lower Upper

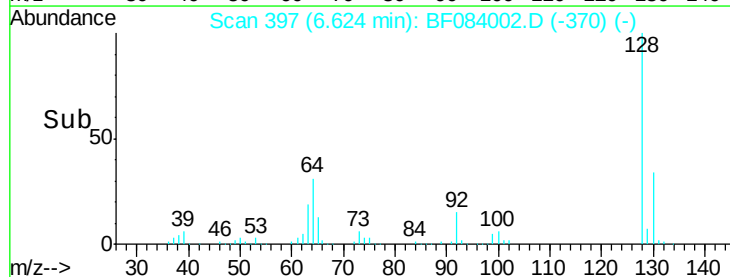
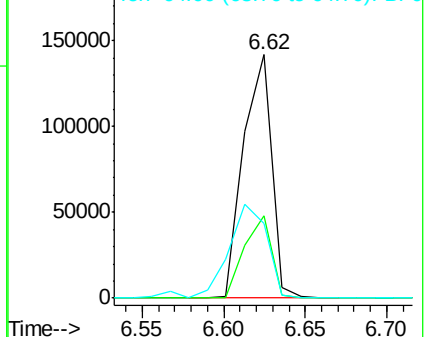
128 100

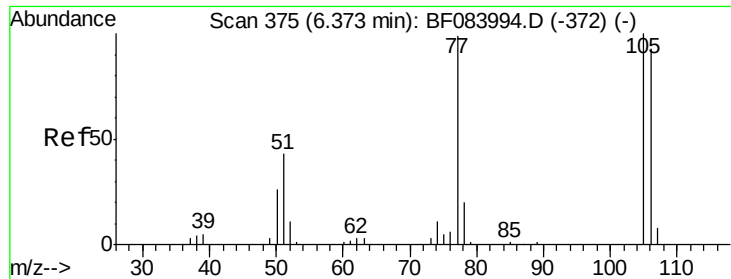
130 34.0 11.6 51.6

64 30.6 23.8 63.8



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





#9

Benzaldehyde

Concen: 26.18 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

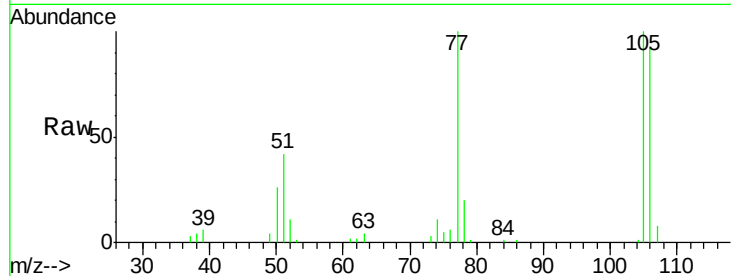
Tgt Ion: 77 Resp: 59940

Ion Ratio Lower Upper

77 100

105 100.0 83.0 123.0

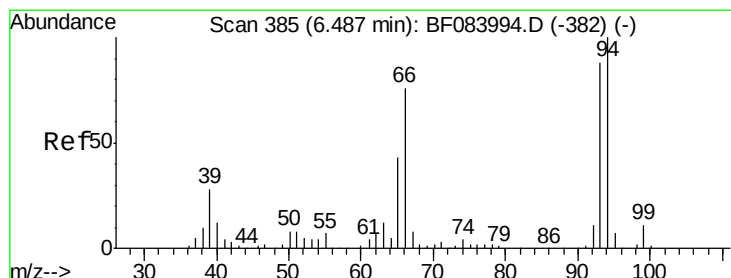
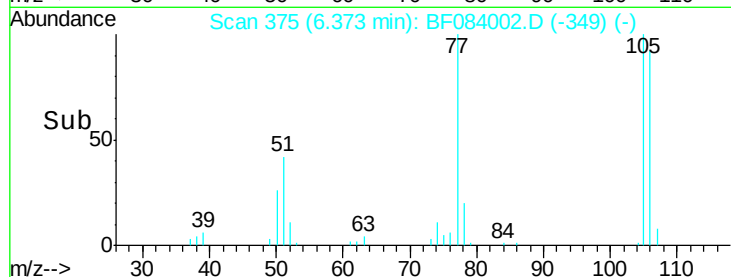
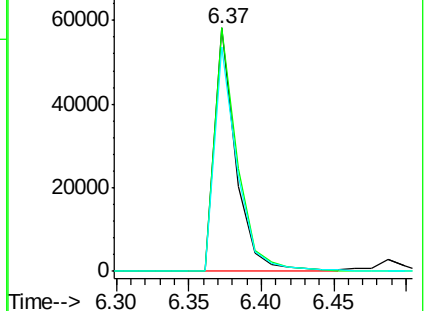
106 92.2 74.6 114.6



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: 46.62 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

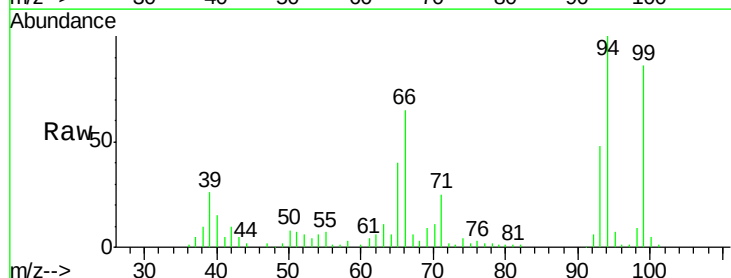
Tgt Ion: 94 Resp: 184879

Ion Ratio Lower Upper

94 100

65 39.5 12.9 52.9

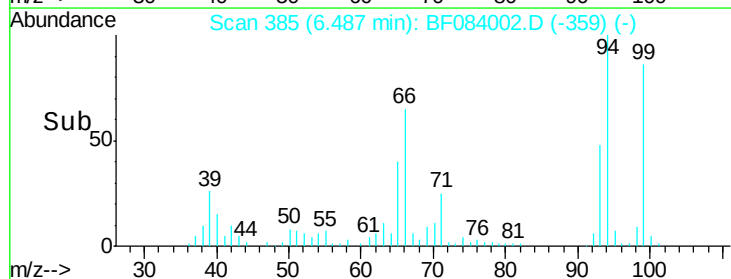
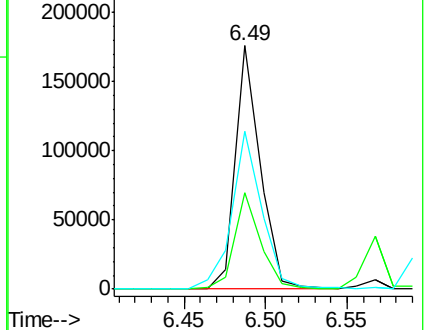
66 64.8 32.7 72.7

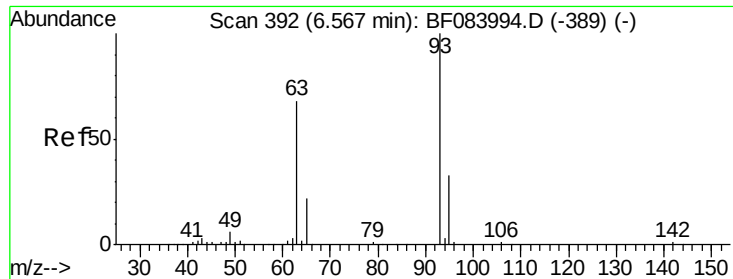


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

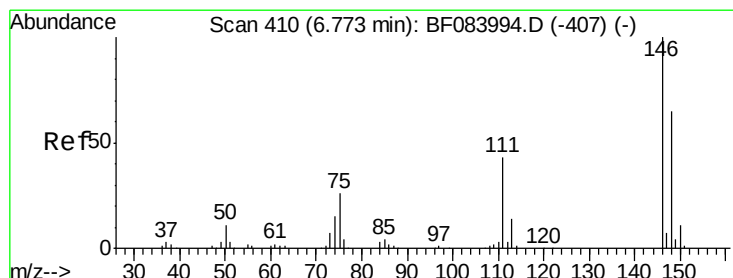
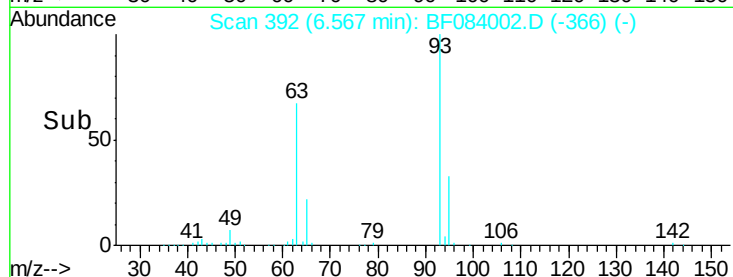
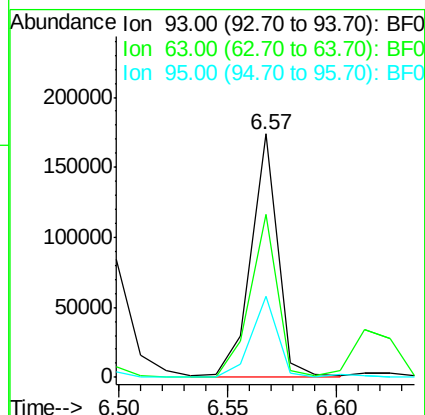
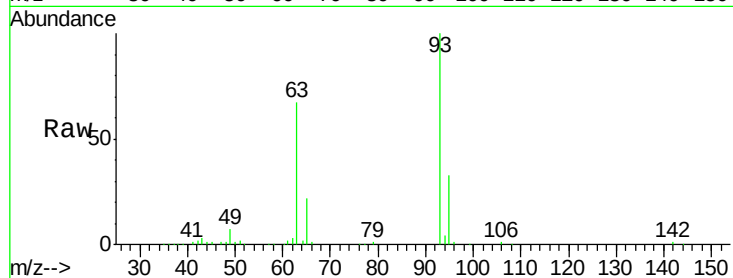




#11
bis(2-Chloroethyl)ether
Concen: 49.54 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

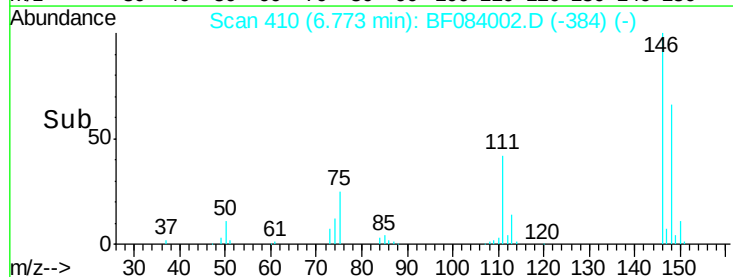
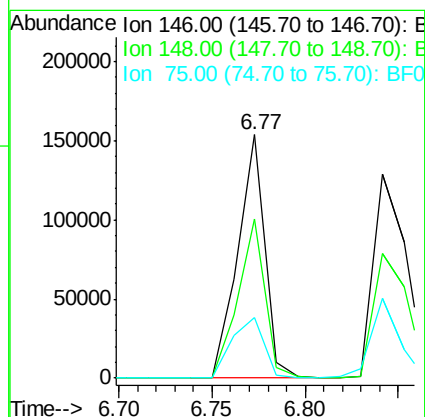
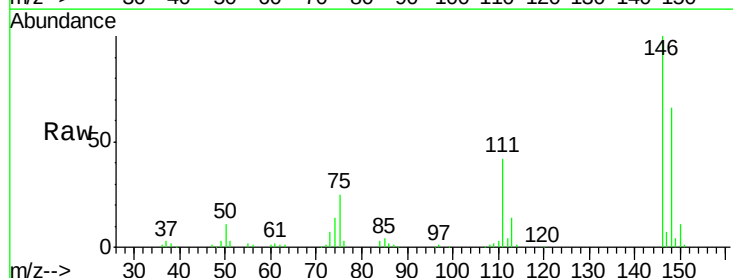
Instrument :
BNA_F
ClientSampleId :

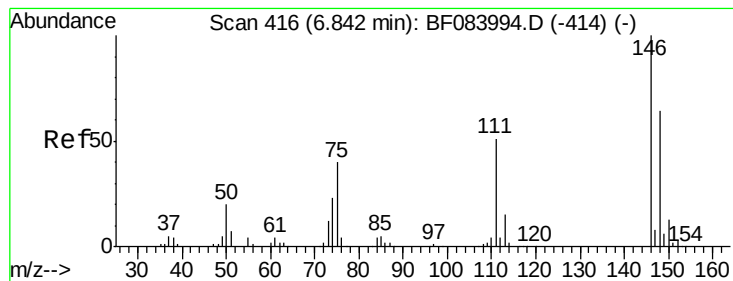
Tgt Ion: 93 Resp: 150139
Ion Ratio Lower Upper
93 100
63 66.7 45.9 85.9
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.80 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion: 146 Resp: 155955
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
75 25.1 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 41.62 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

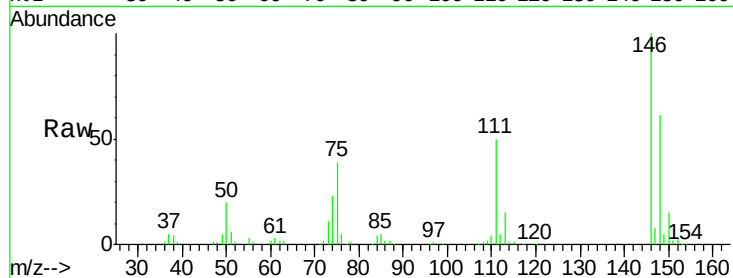
Tgt Ion:146 Resp: 151615

Ion Ratio Lower Upper

146 100

148 60.9 51.9 77.9

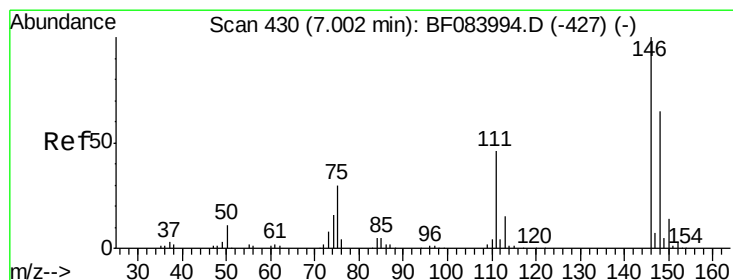
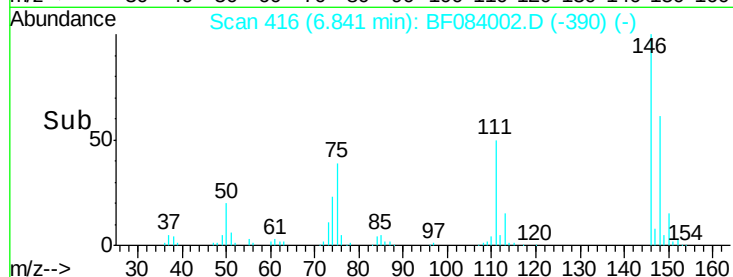
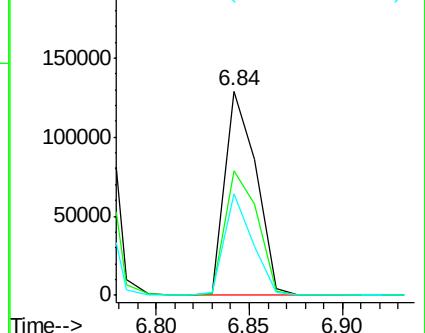
111 49.6 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.64 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

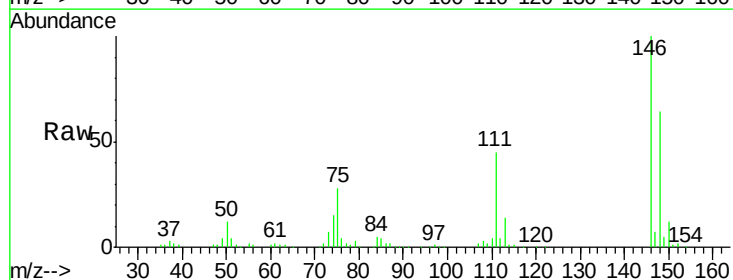
Tgt Ion:146 Resp: 155460

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

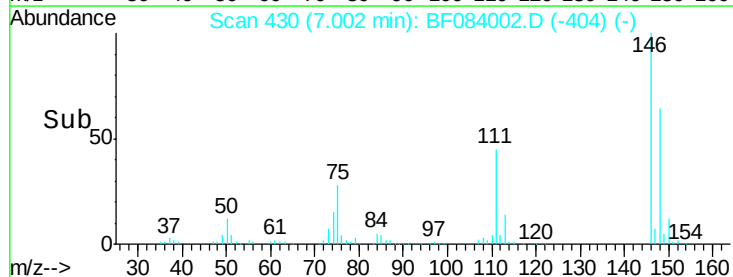
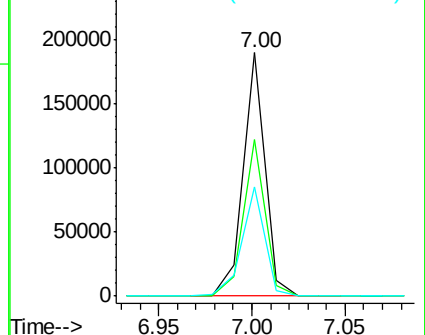
111 44.7 38.0 57.0

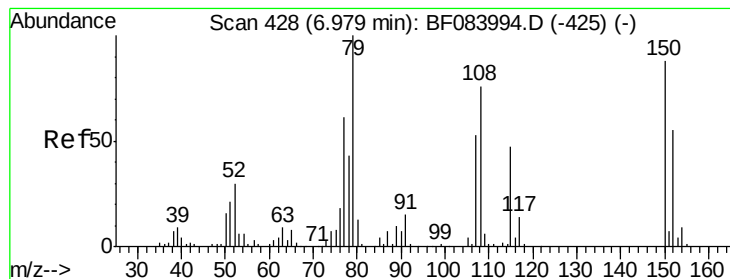


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.16 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

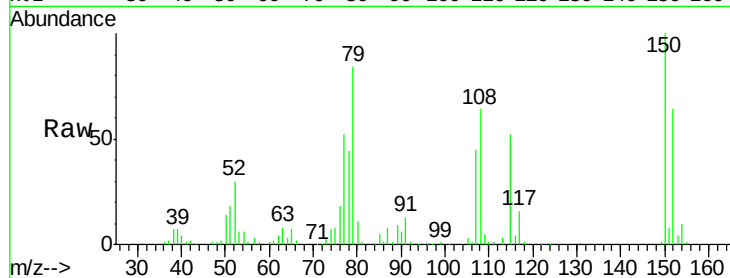
Tgt Ion: 79 Resp: 121913

Ion Ratio Lower Upper

79 100

108 76.2 69.0 103.4

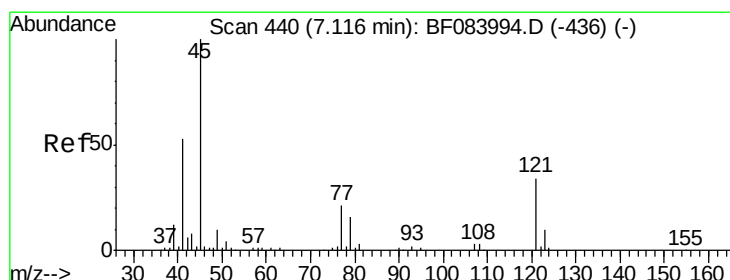
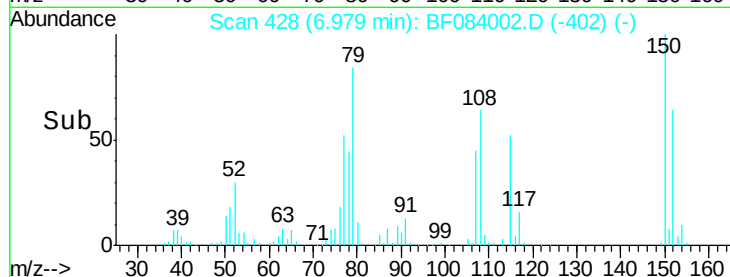
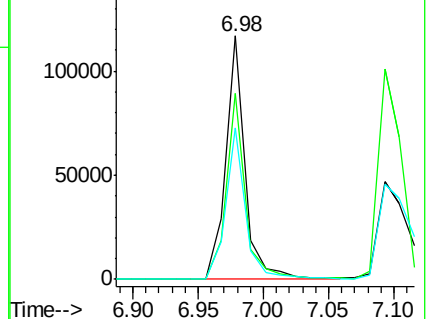
77 62.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.57 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

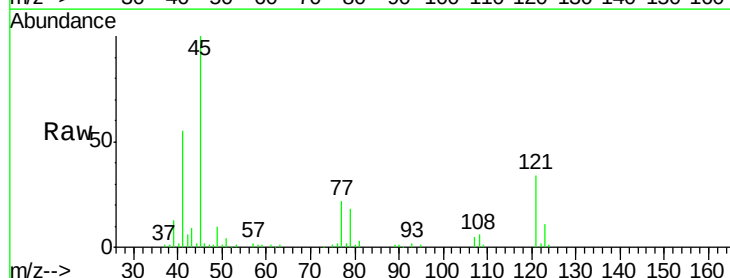
Tgt Ion: 45 Resp: 127476

Ion Ratio Lower Upper

45 100

77 22.5 0.0 39.6

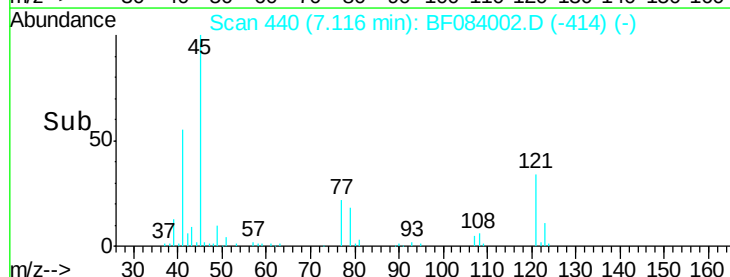
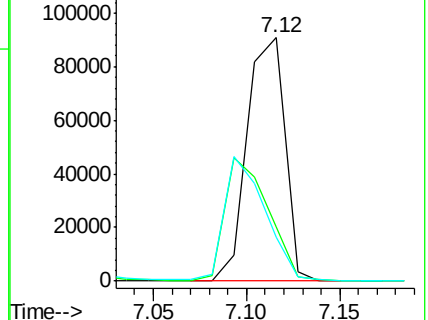
79 18.2 0.0 35.0

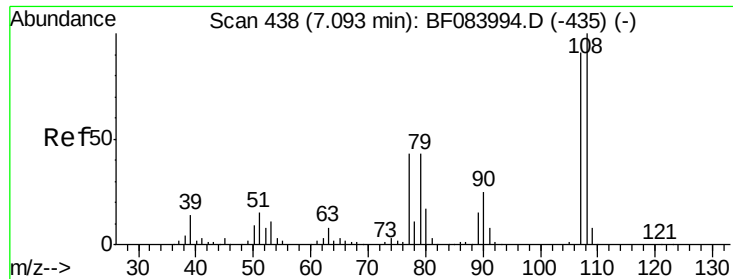


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

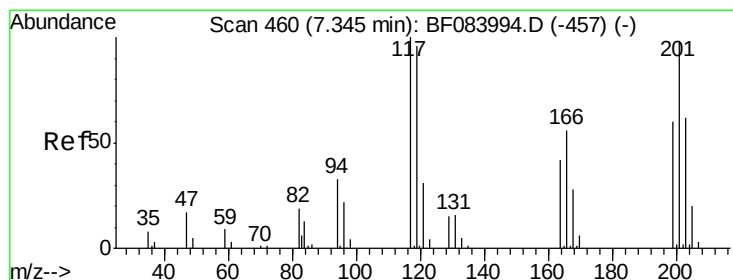
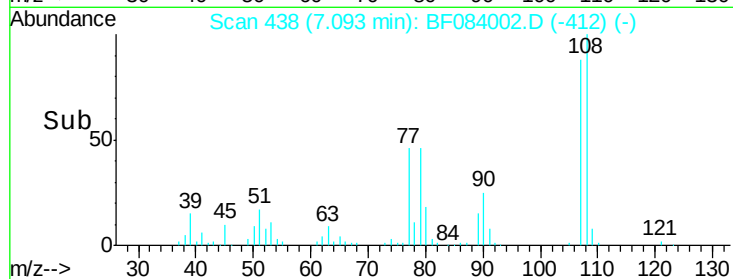
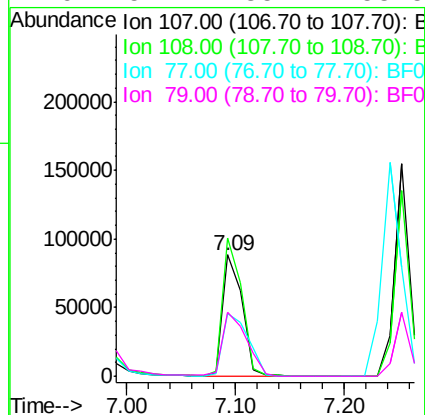
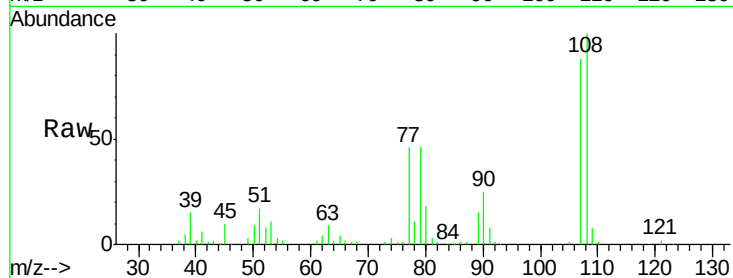




#17
2-Methylphenol
Concen: 41.35 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

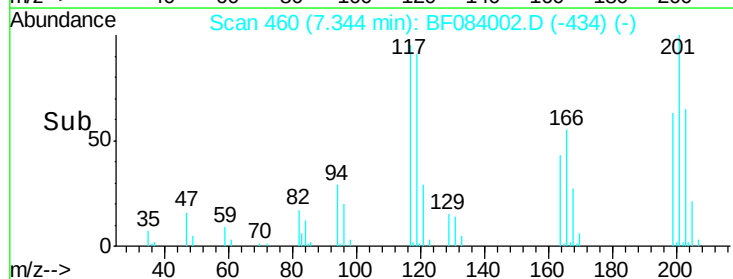
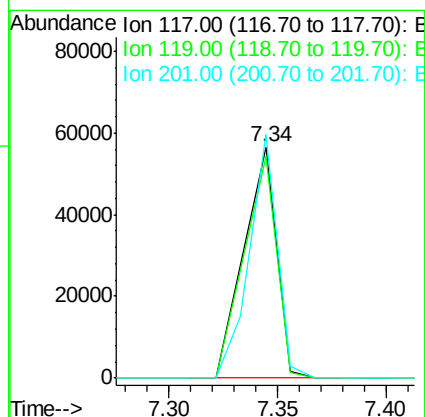
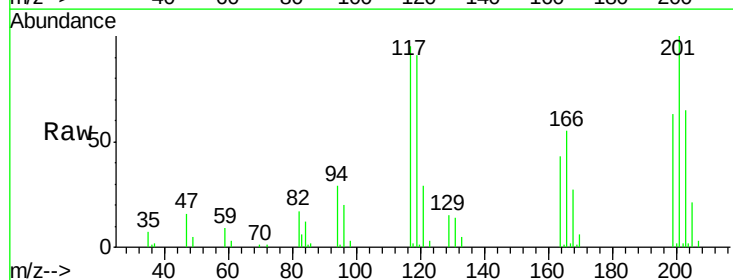
Instrument :
BNA_F
ClientSampled :

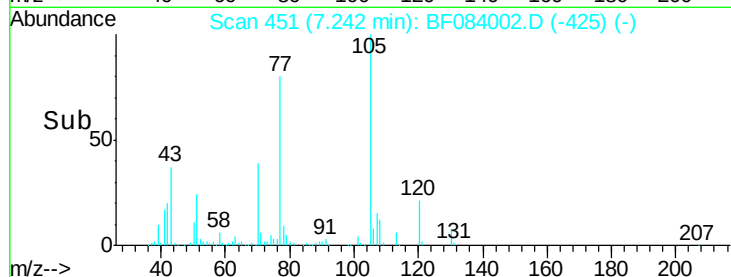
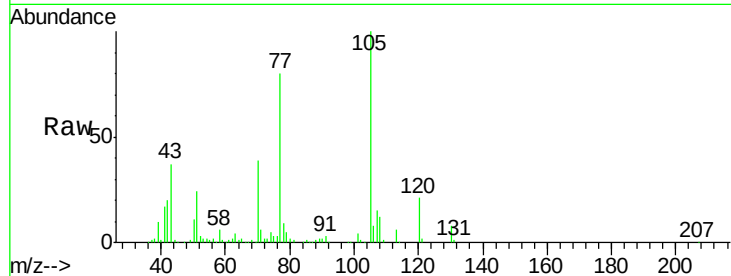
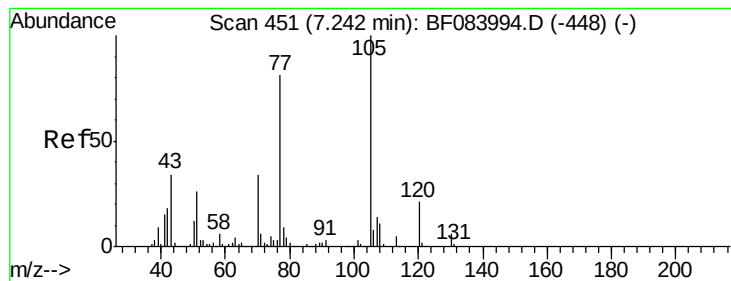
Tgt Ion:	107	Resp:	110605
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.8	134.6
77	52.0	35.7	53.5
79	52.7	35.7	53.5



#18
Hexachloroethane
Concen: 44.05 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:	117	Resp:	58842
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	105.4	68.6	103.0#





#19

n-Nitroso-di-n-propylamine

Concen: 42.92 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 70 Resp: 89159

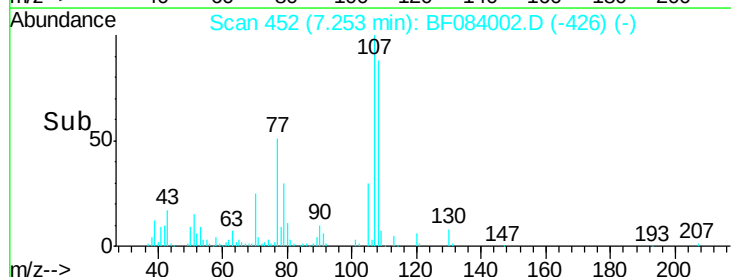
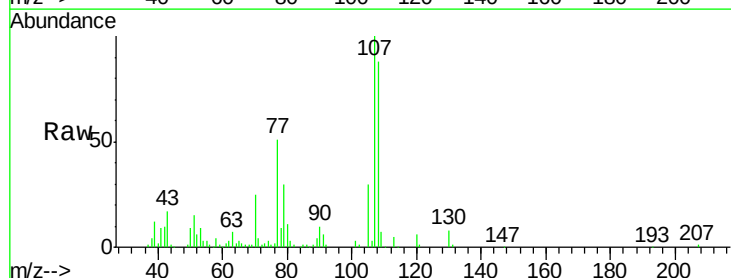
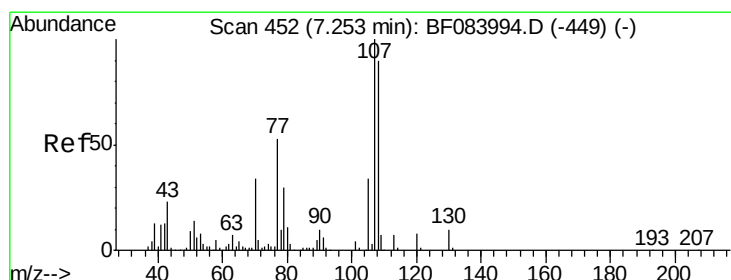
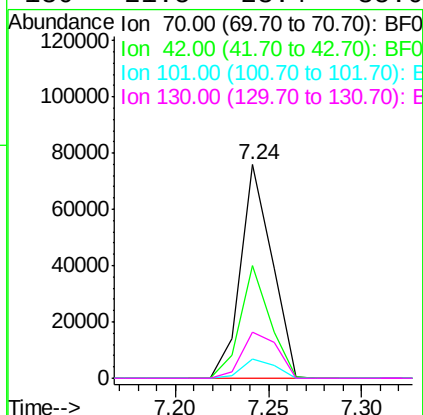
Ion Ratio Lower Upper

70 100

42 52.7 33.3 49.9#

101 9.2 9.3 13.9#

130 21.5 23.4 35.0#



#20

3+4-Methylphenols

Concen: 46.68 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Tgt Ion: 107 Resp: 154068

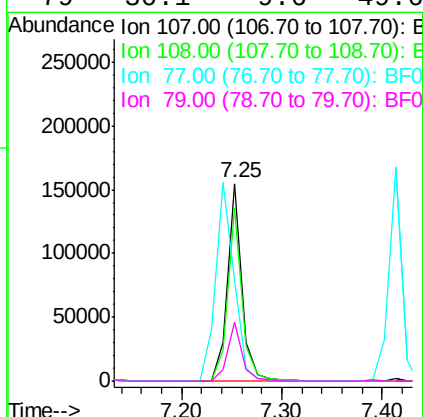
Ion Ratio Lower Upper

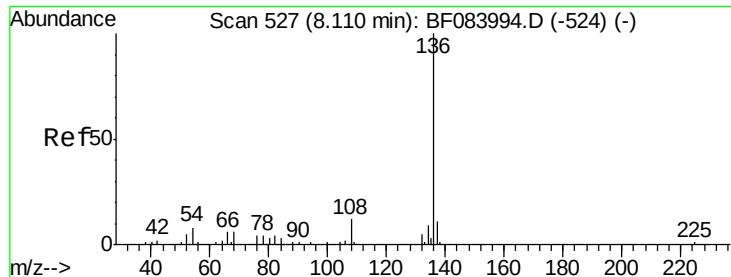
107 100

108 87.5 64.1 104.1

77 51.2 128.9 168.9#

79 30.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 195551

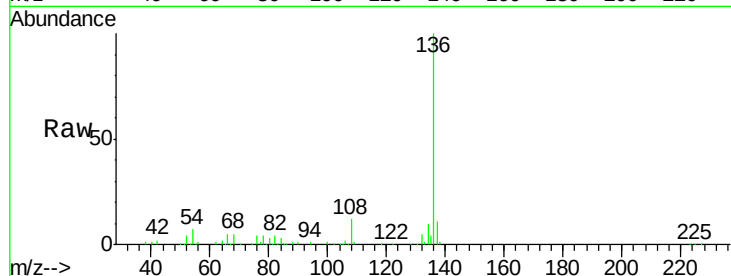
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 5.8 8.8

68 5.2 4.2 6.2

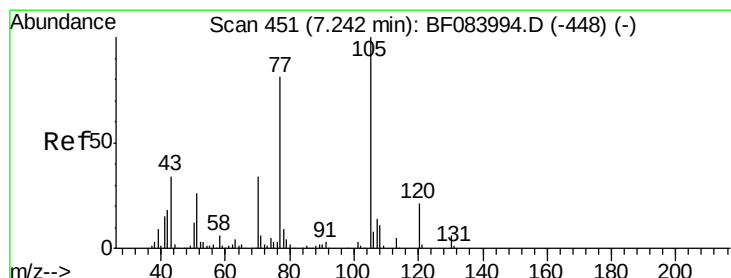
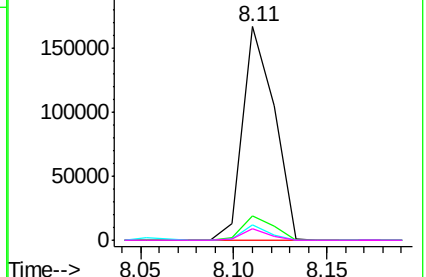
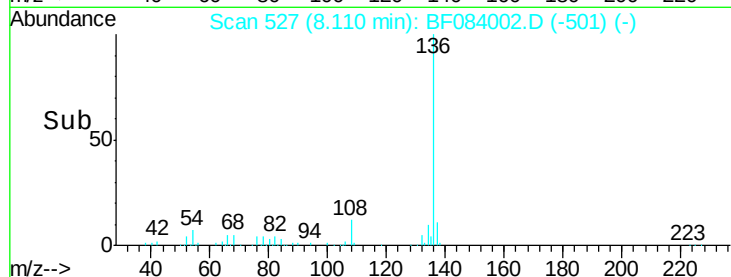


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.47 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Tgt Ion:105 Resp: 199429

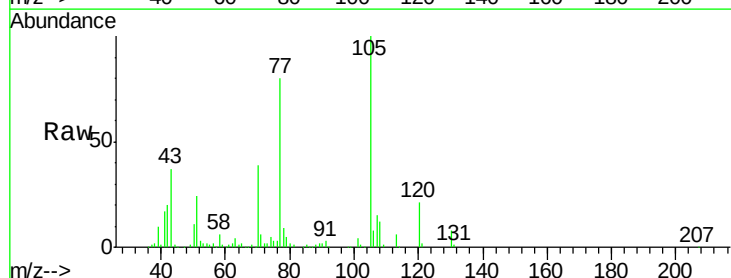
Ion Ratio Lower Upper

105 100

71 6.1 3.7 5.5#

51 24.3 25.1 37.7#

120 21.2 16.6 25.0

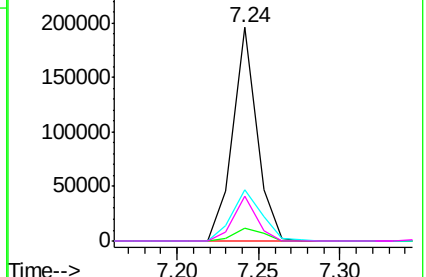
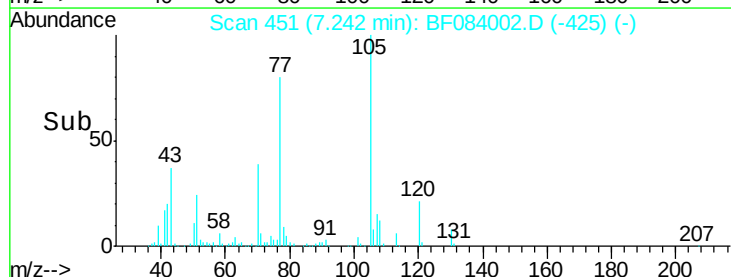


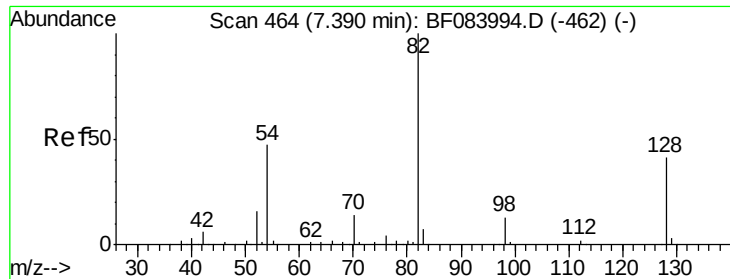
Abundance Ion 105.00 (104.70 to 105.70): E

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

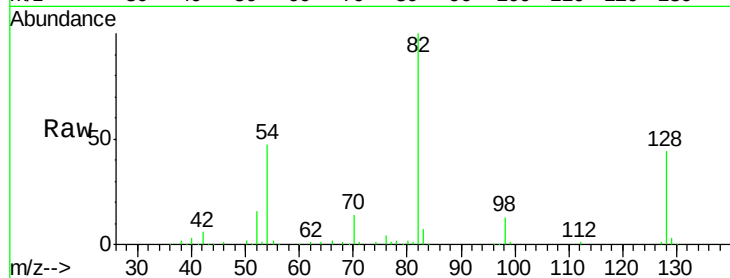




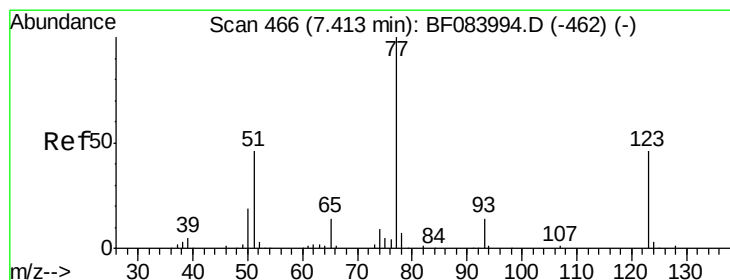
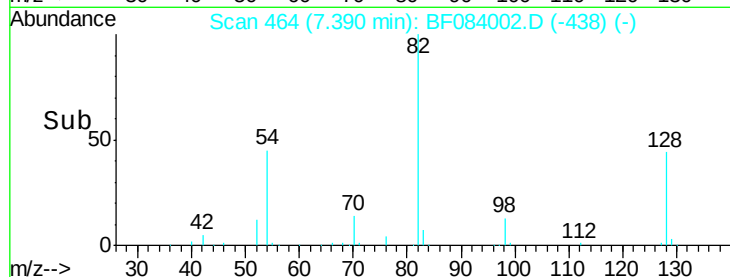
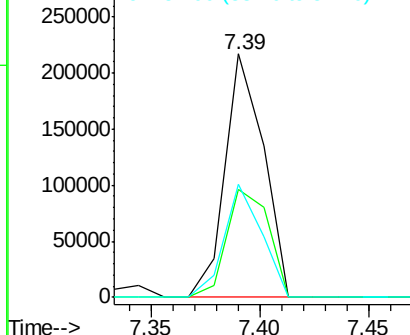
#23
 Nitrobenzene-d5
 Concen: 83.53 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	46.6	38.4	57.6

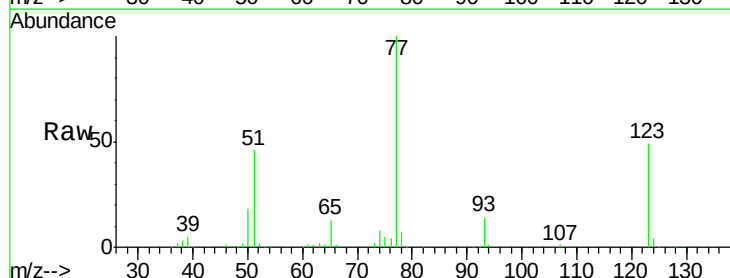


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

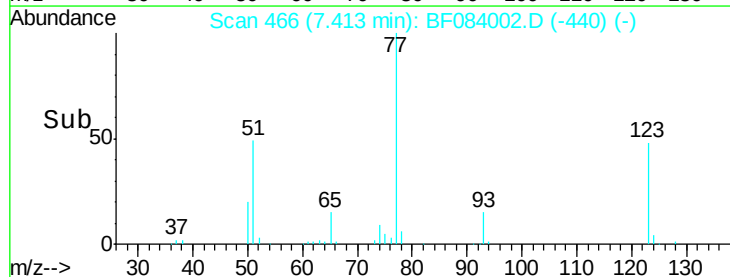
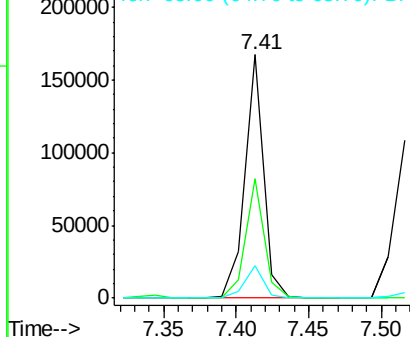


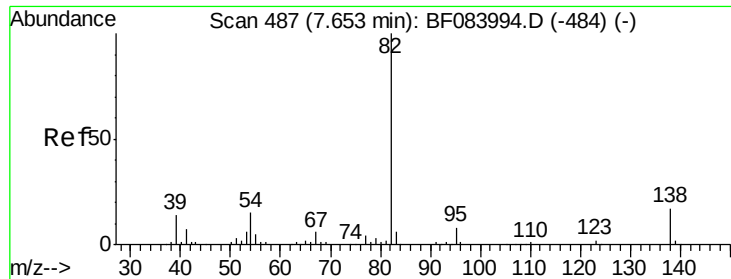
#24
 Nitrobenzene
 Concen: 45.67 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.4	56.2
65	13.5	10.9	16.3



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





#25

Isophorone

Concen: 43.31 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

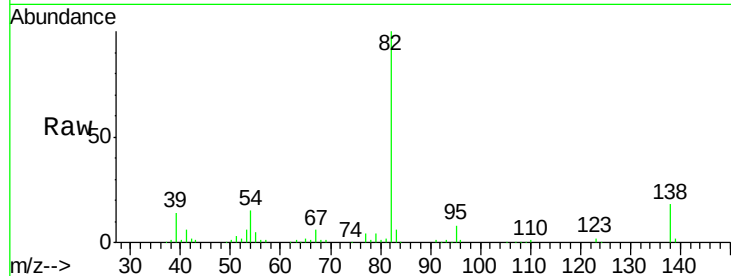
Tgt Ion: 82 Resp: 261231

Ion Ratio Lower Upper

82 100

95 8.2 6.6 10.0

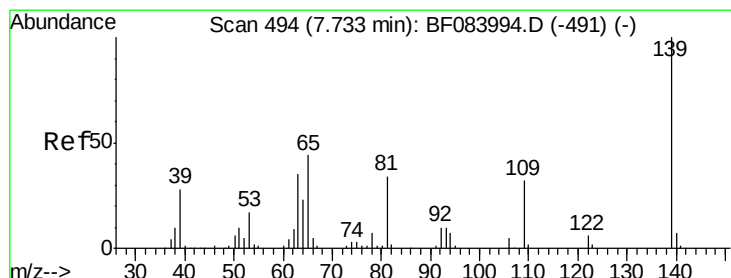
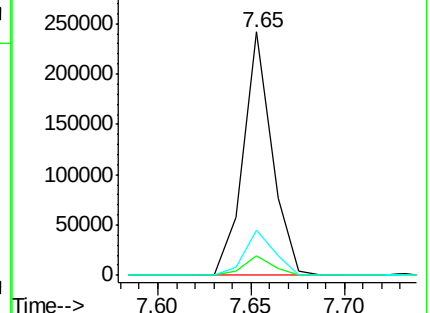
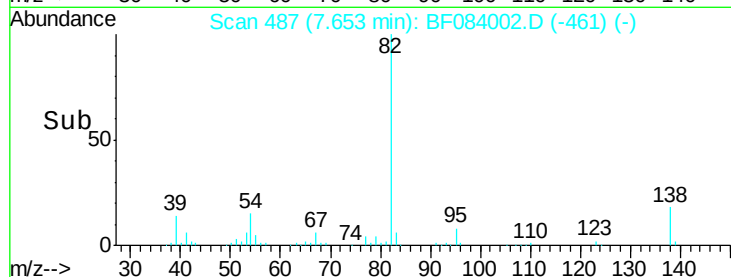
138 18.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.62 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

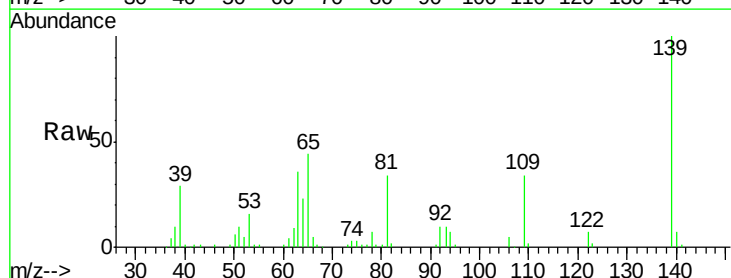
Tgt Ion: 139 Resp: 80541

Ion Ratio Lower Upper

139 100

109 34.0 25.4 38.2

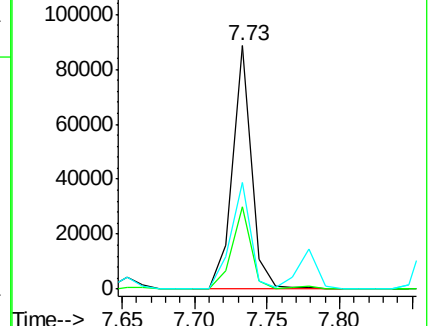
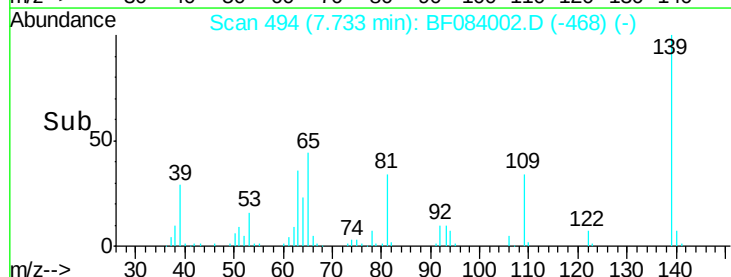
65 43.8 32.3 48.5

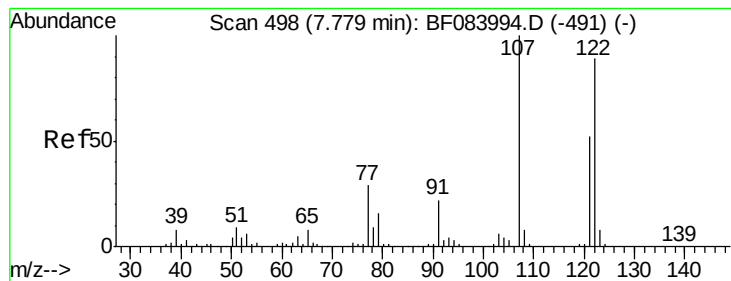


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.39 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampled :

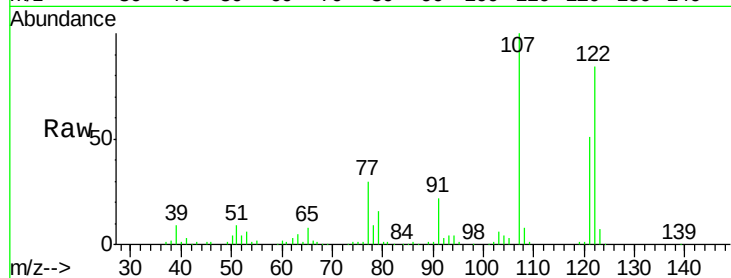
Tgt Ion: 122 Resp: 145823

Ion Ratio Lower Upper

122 100

107 119.1 99.1 148.7

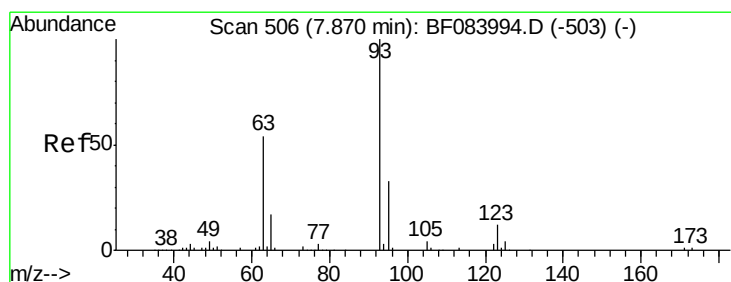
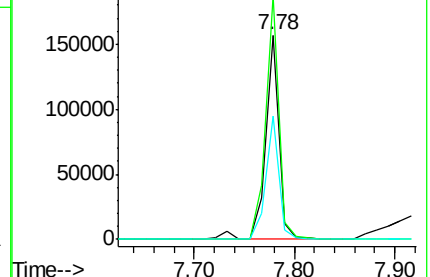
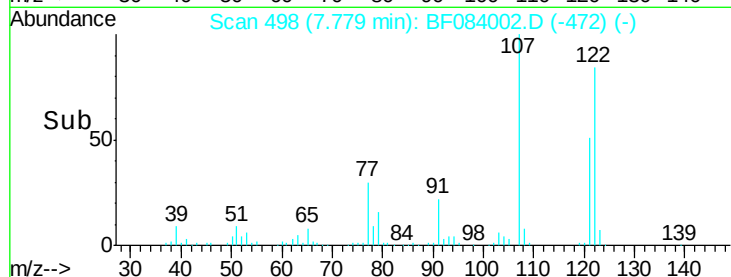
121 60.5 47.9 71.9



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: 43.51 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

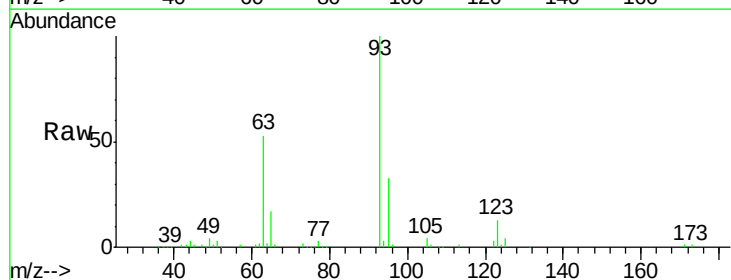
Tgt Ion: 93 Resp: 162564

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

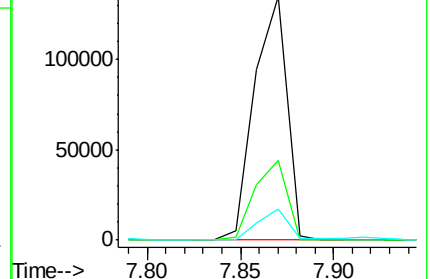
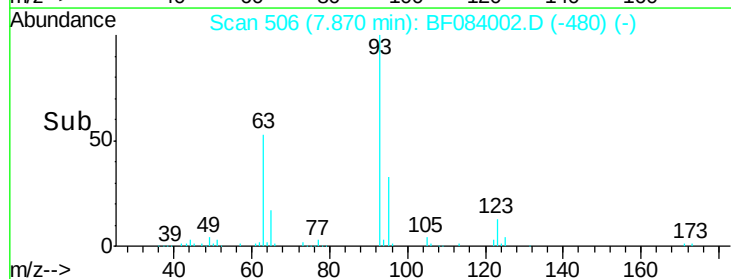
123 12.5 8.6 12.8

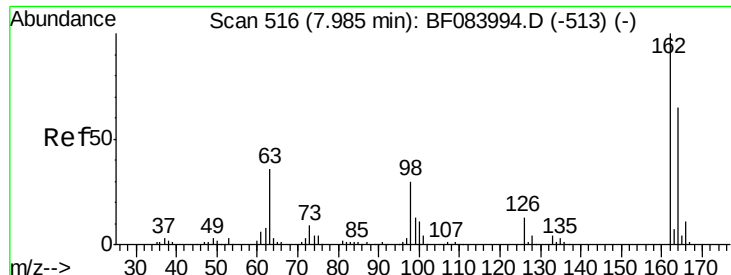


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

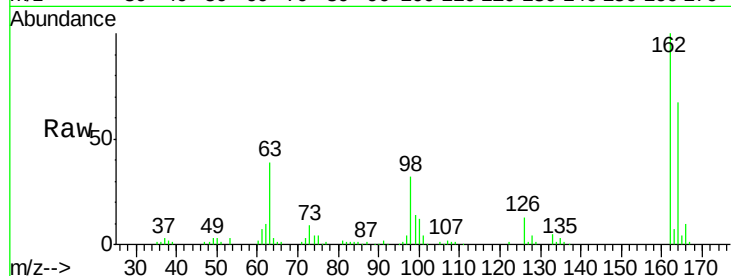




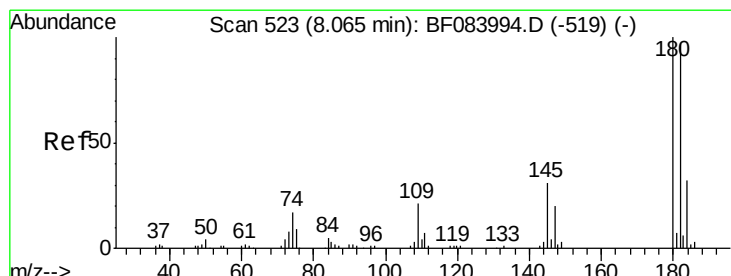
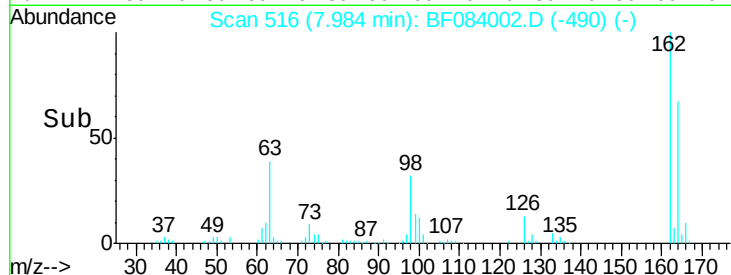
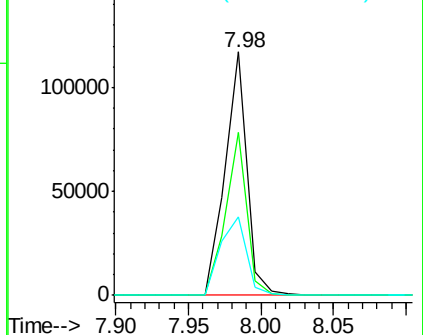
#29
 2,4-Dichlorophenol
 Concen: 44.38 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.8	44.1	84.1
98	32.2	20.2	60.2

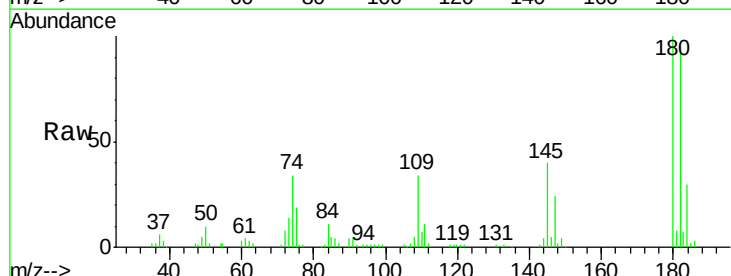


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

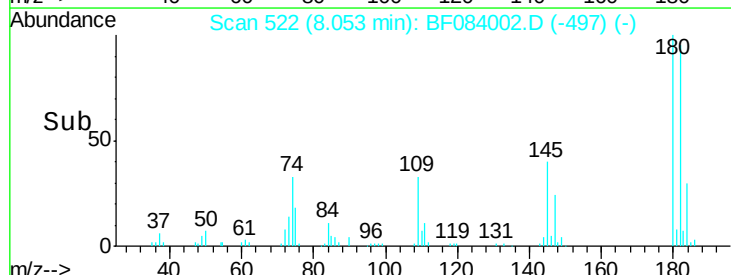
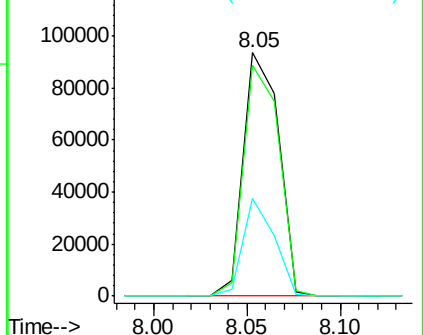


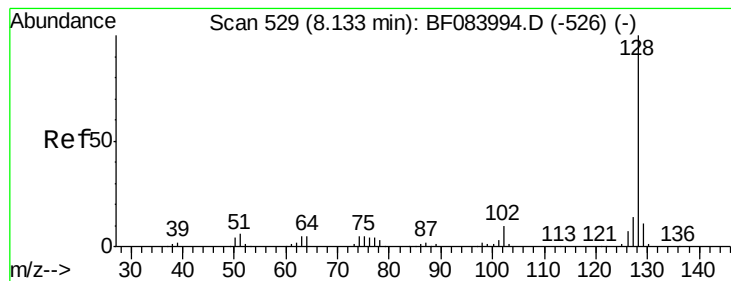
#30
 1,2,4-Trichlorobenzene
 Concen: 42.89 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	40.1	31.6	47.4



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





#31

Naphthalene

Concen: 42.25 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

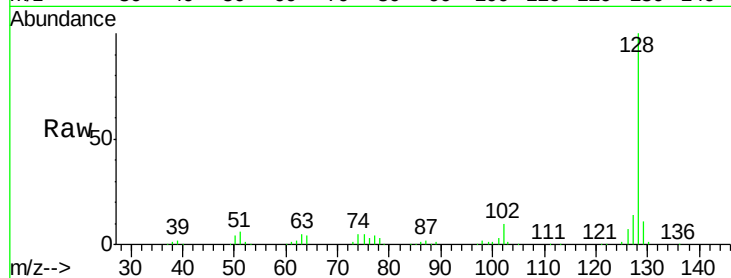
Tgt Ion:128 Resp: 422095

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

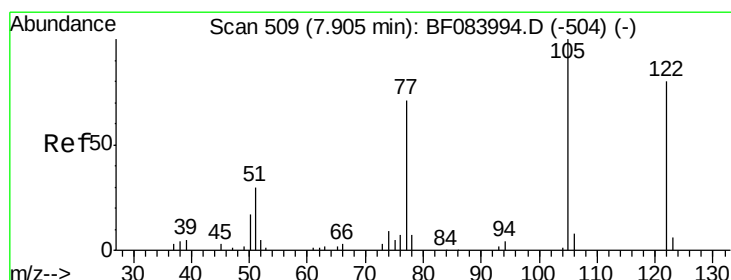
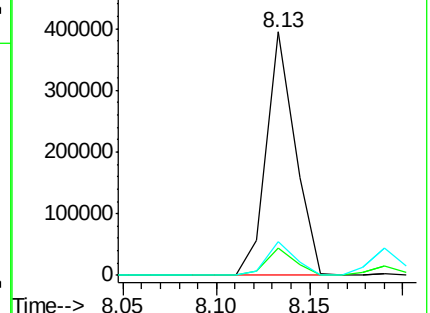
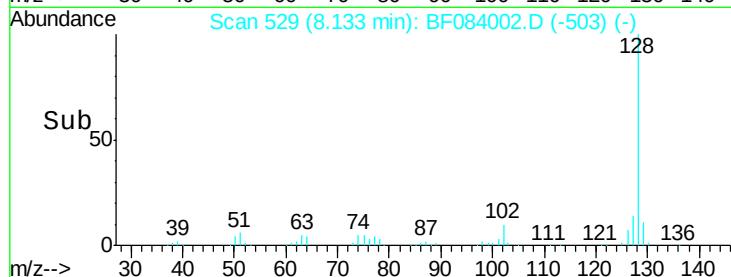
127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.54 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

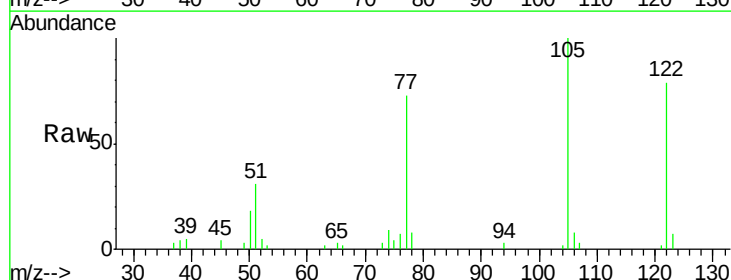
Tgt Ion:122 Resp: 56232

Ion Ratio Lower Upper

122 100

105 126.7 100.3 140.3

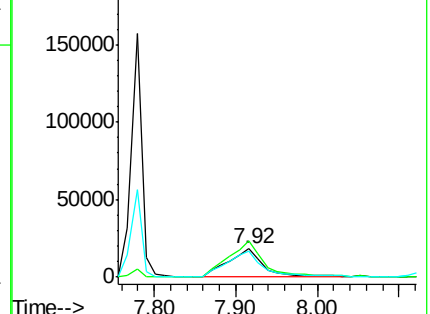
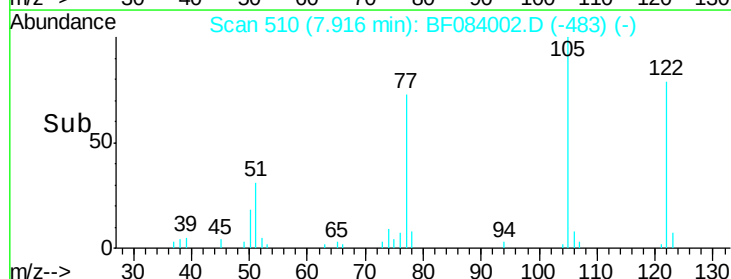
77 91.9 63.5 103.5

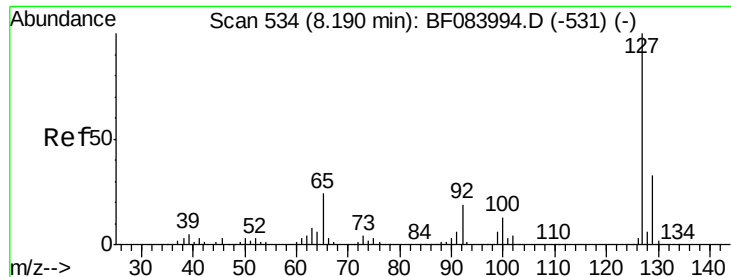


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

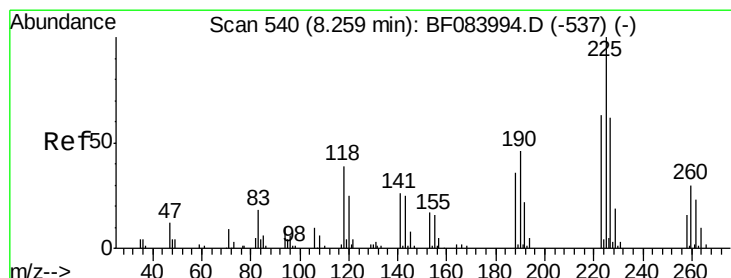
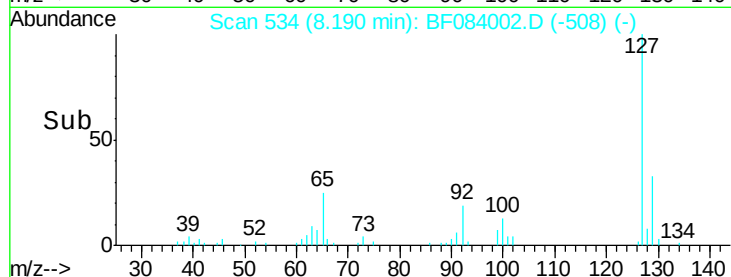
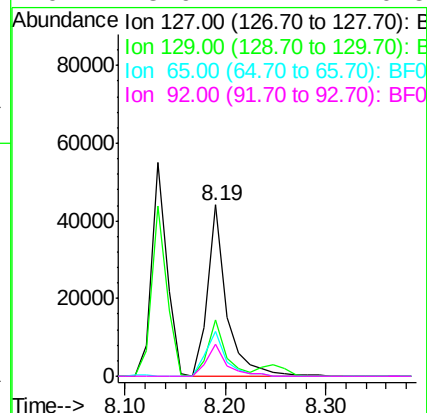
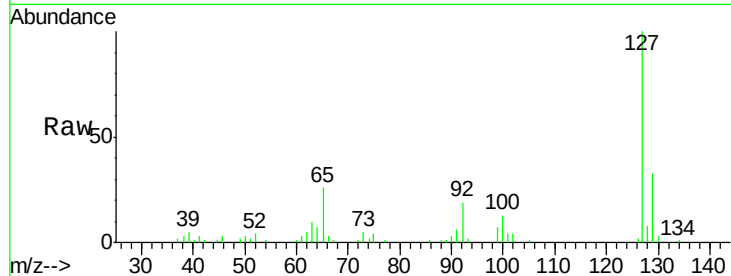




#33
4-Chloroaniline
Concen: 14.31 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

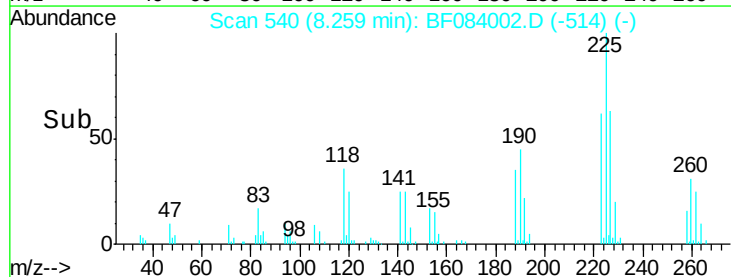
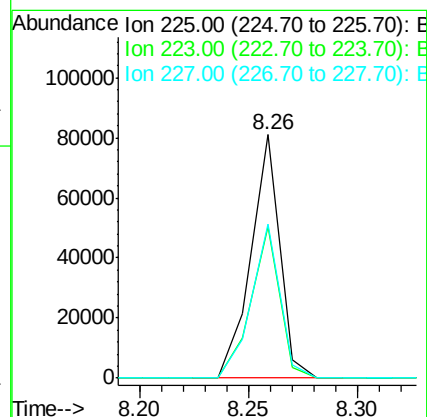
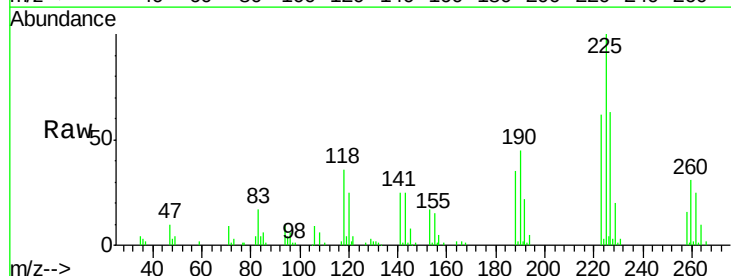
Instrument :
BNA_F
ClientSampleId :

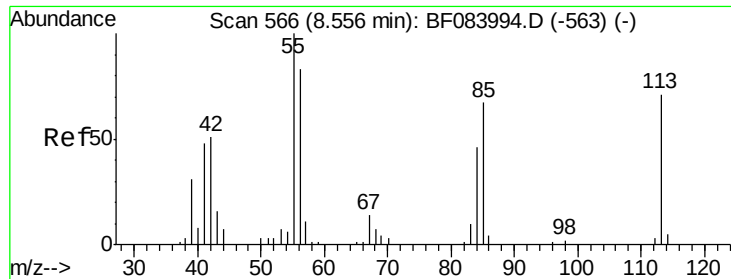
Tgt Ion:	127	Resp:	58465
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	26.2	27.2	40.8
92	18.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:	225	Resp:	74469
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	63.4	50.8	76.2

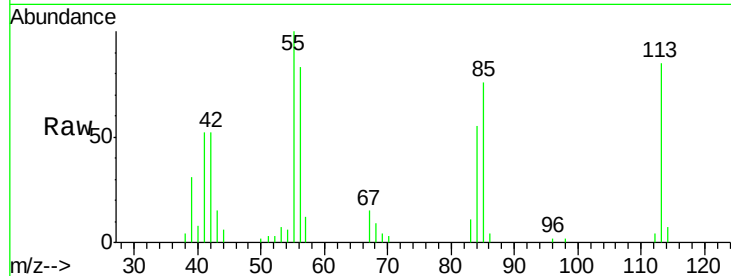




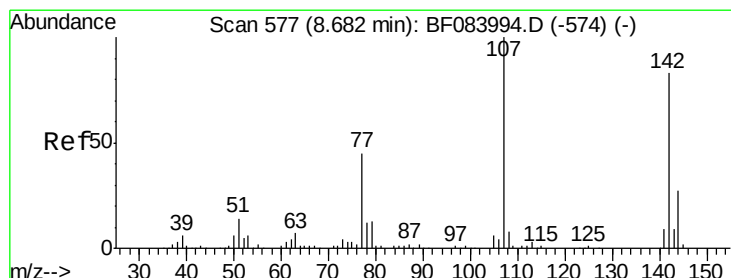
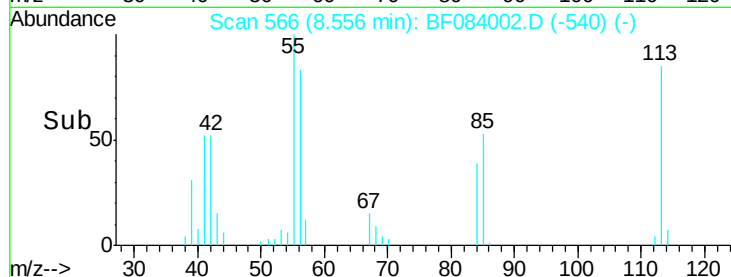
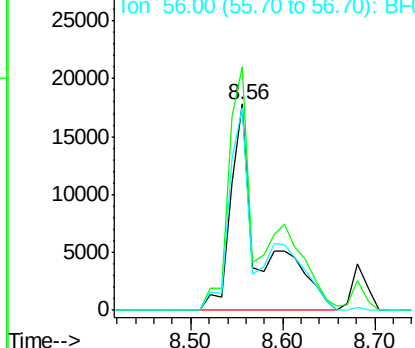
#35
 Caprolactam
 Concen: 49.14 ng m
 RT: 8.56 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 40601
 Ion Ratio Lower Upper
 113 100
 55 118.2 116.9 156.9
 56 98.5 93.8 133.8

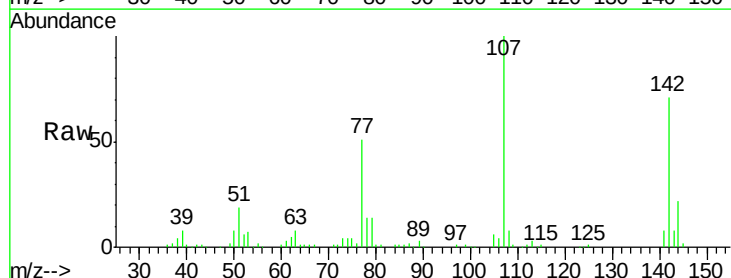


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

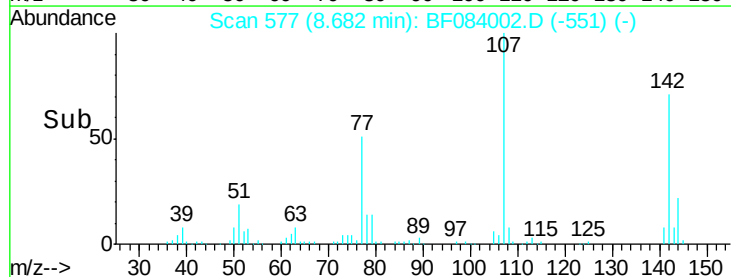
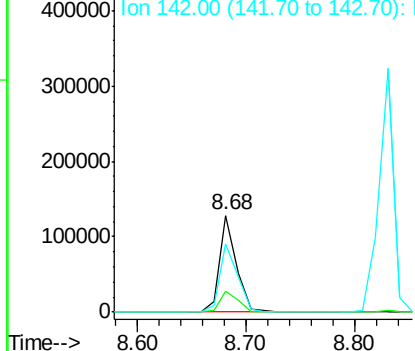


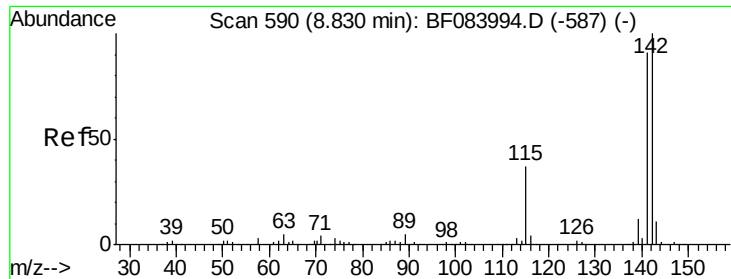
#36
 4-Chloro-3-methylphenol
 Concen: 47.31 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:107 Resp: 139117
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.7 29.5
 142 70.8 61.8 92.6



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

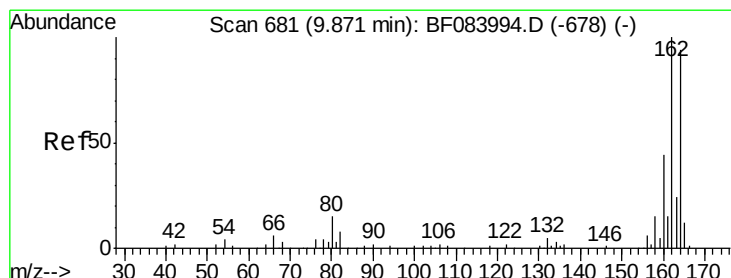
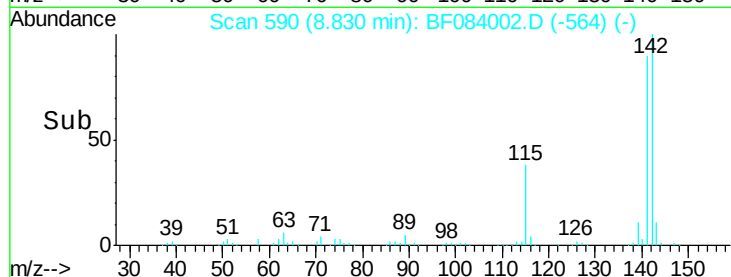
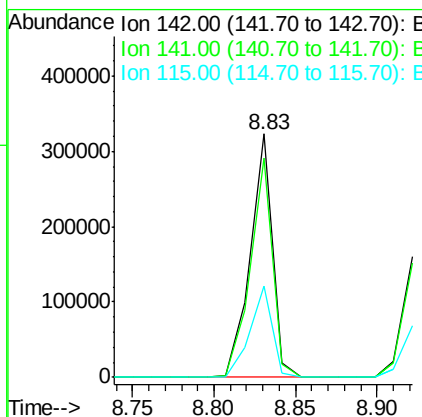
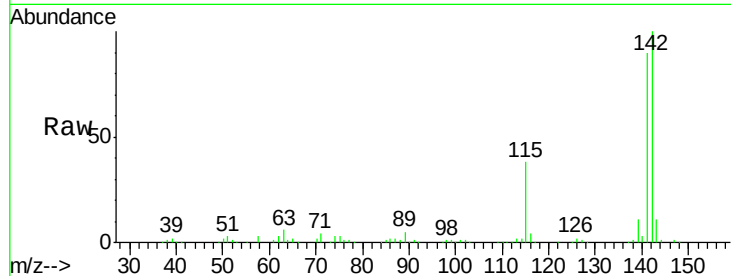




#37
 2-Methylnaphthalene
 Concen: 47.15 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

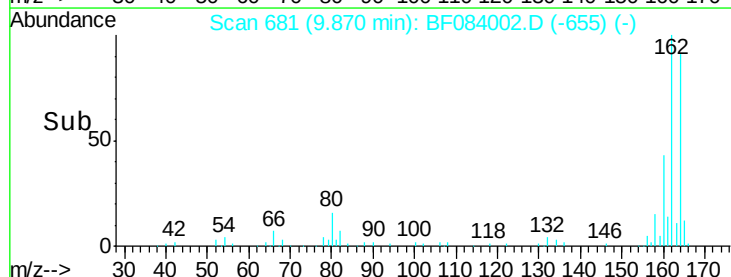
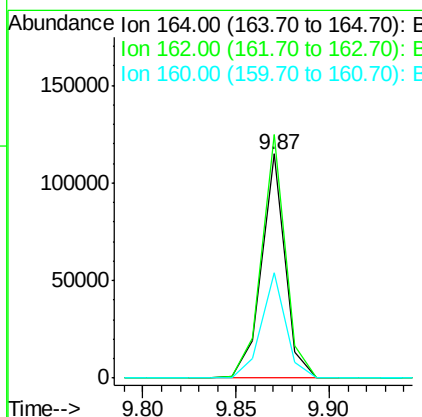
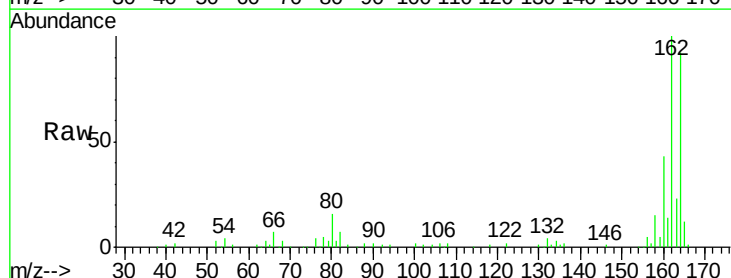
Instrument :
 BNA_F
 ClientSampleId :

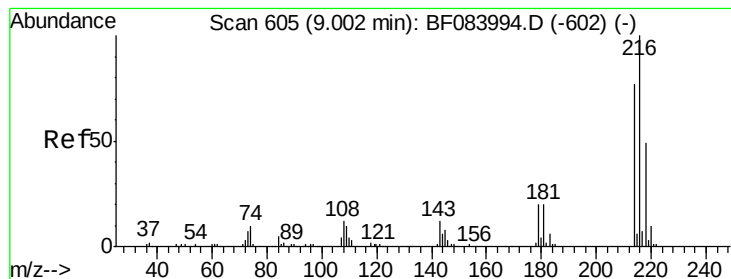
Tgt Ion:142 Resp: 305053
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.4 108.6
 115 37.7 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:164 Resp: 101824
 Ion Ratio Lower Upper
 164 100
 162 108.6 85.1 127.7
 160 47.2 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.66 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 130576

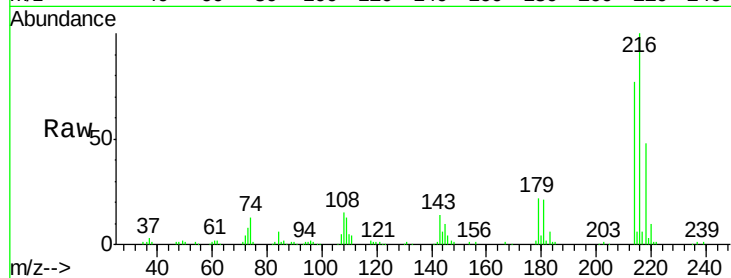
Ion Ratio Lower Upper

216 100

214 78.1 64.2 96.2

179 23.0 18.7 28.1

108 20.4 16.8 25.2

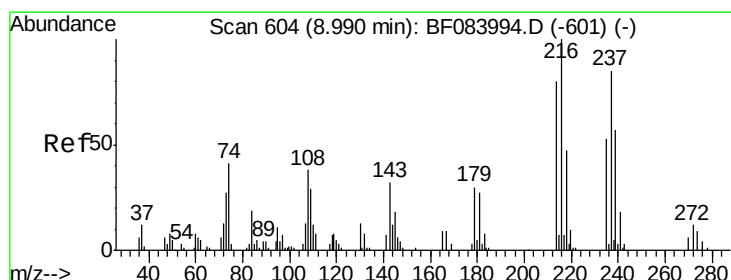
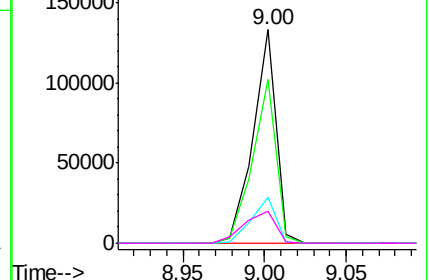
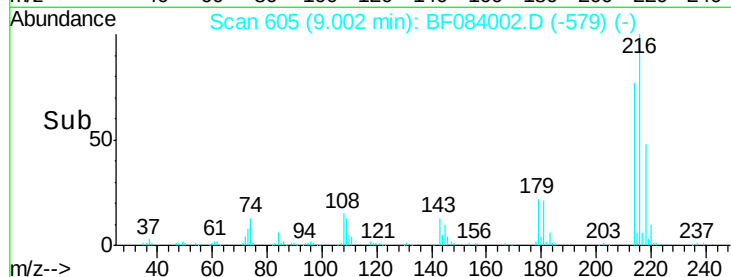


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.88 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

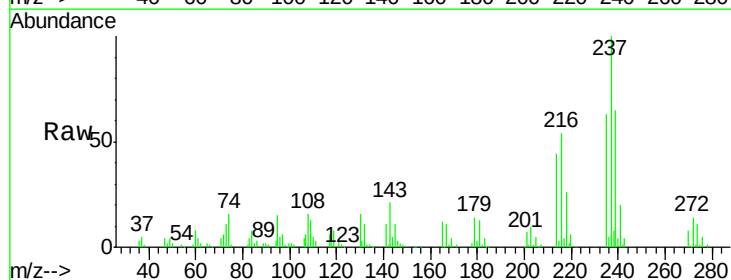
Tgt Ion:237 Resp: 85187

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

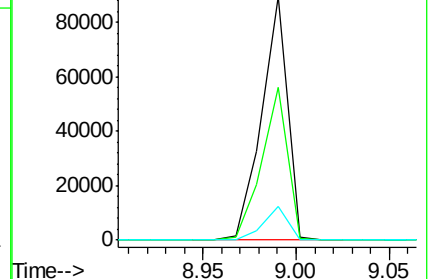
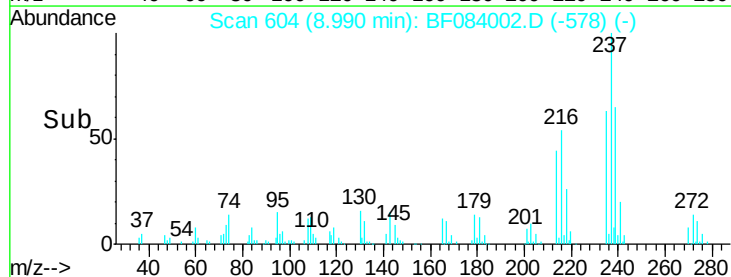
272 13.9 0.0 35.1

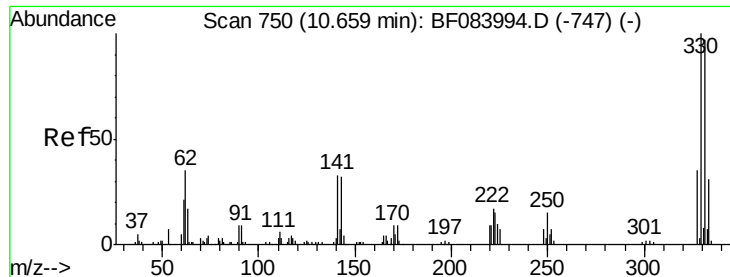


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

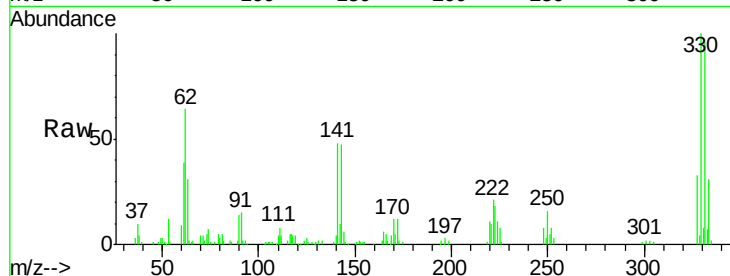




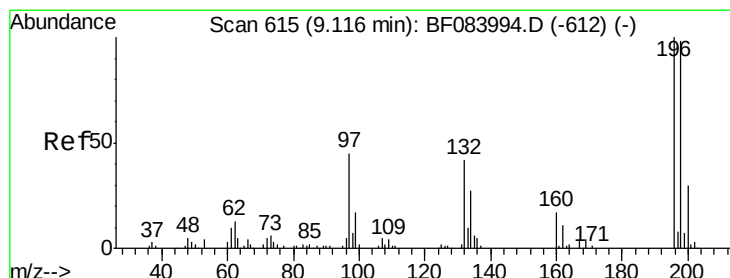
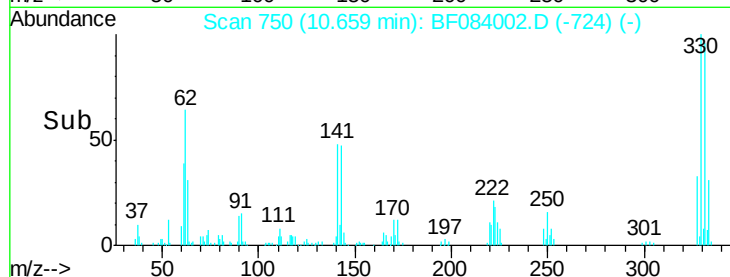
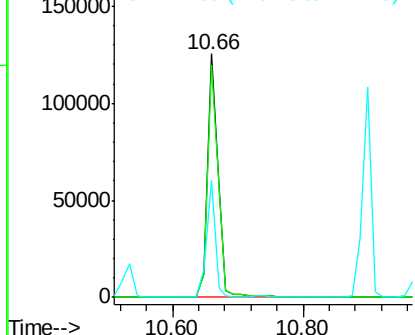
#41
 2,4,6-Tribromophenol
 Concen: 144.26 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 141291
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 39.8 27.8 41.6

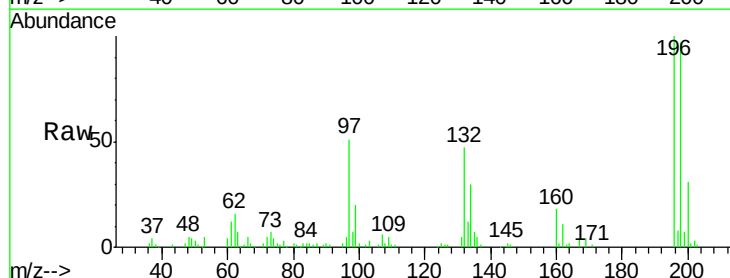


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

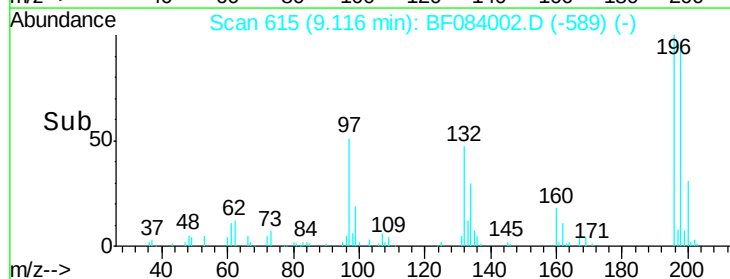
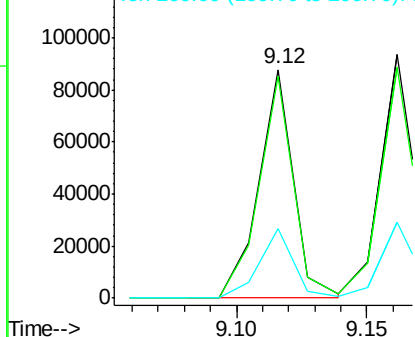


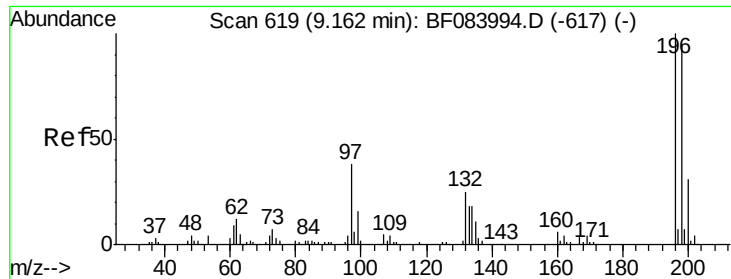
#42
 2,4,6-Trichlorophenol
 Concen: 44.25 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:196 Resp: 81562
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.7 116.5
 200 30.6 24.6 37.0



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

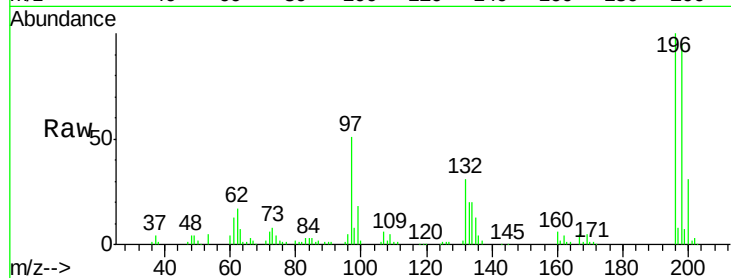




#43
 2,4,5-Trichlorophenol
 Concen: 46.85 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.0	118.6
97	51.0	33.0	49.6
132	30.8	21.1	31.7



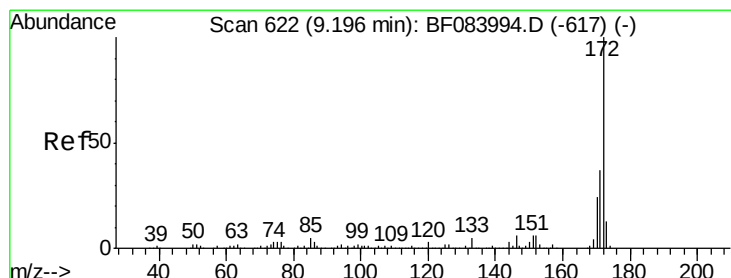
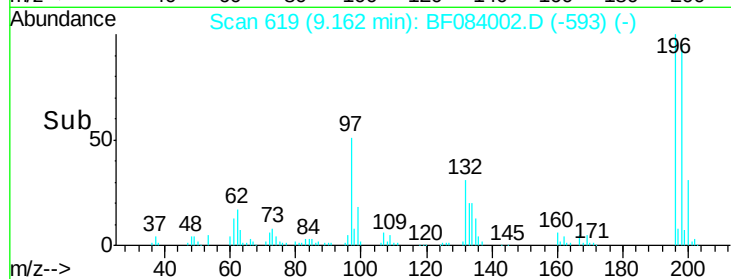
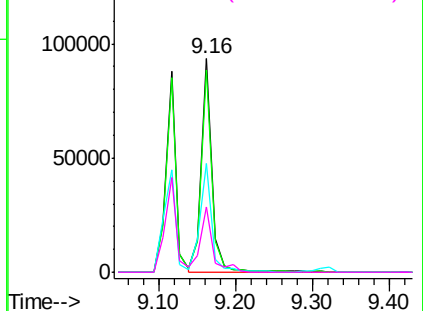
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

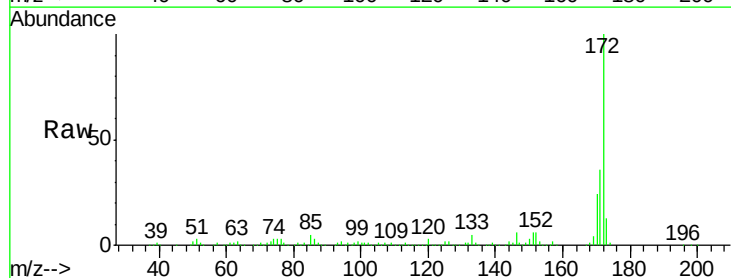
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.84 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.1	18.6	27.8

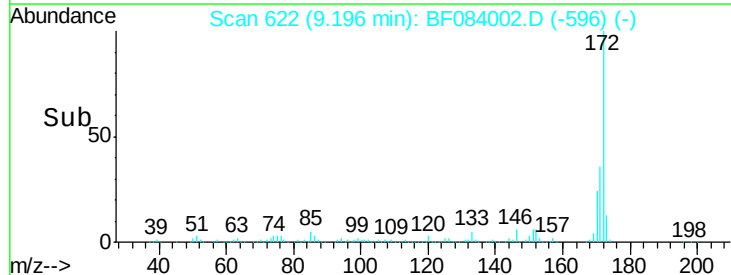
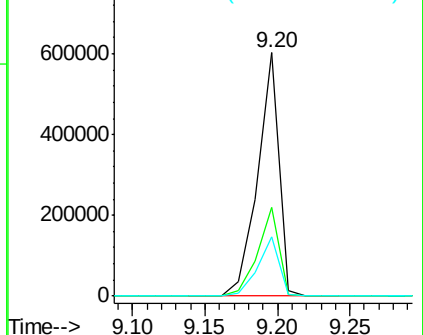


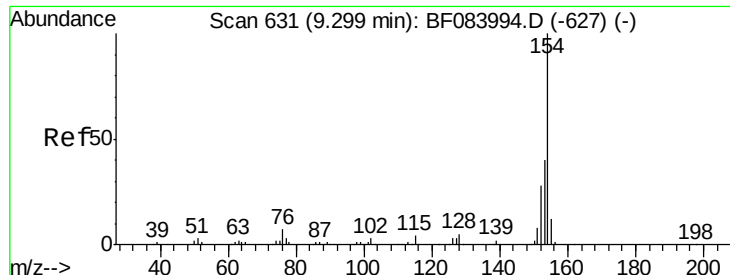
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.39 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

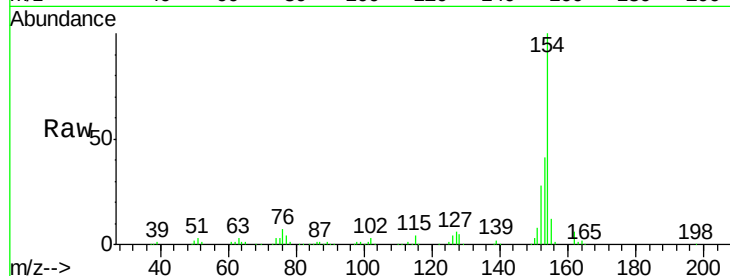
Tgt Ion:154 Resp: 354605

Ion Ratio Lower Upper

154 100

153 40.5 21.6 61.6

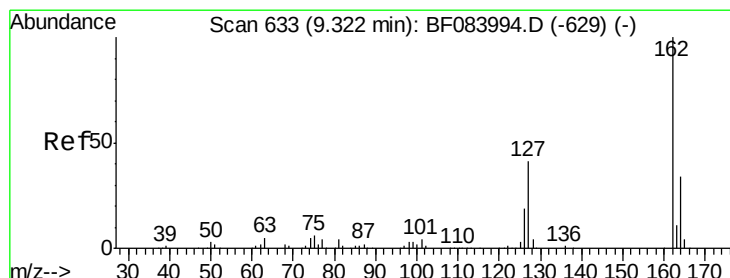
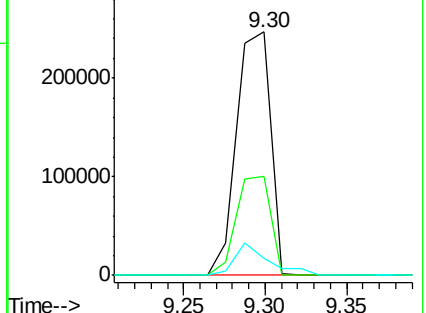
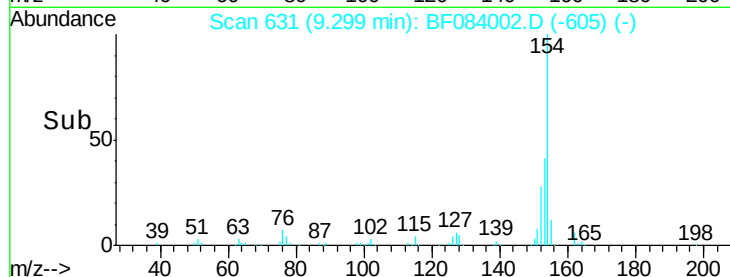
76 7.2 0.0 32.7



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: 42.88 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

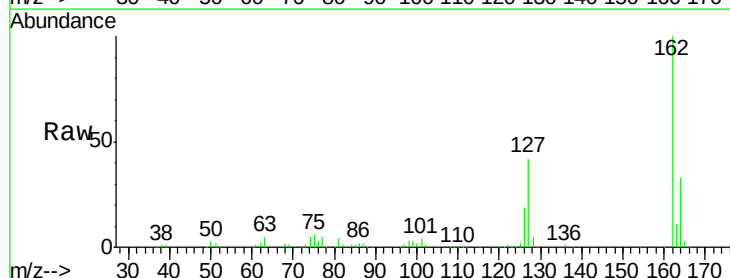
Tgt Ion:162 Resp: 277891

Ion Ratio Lower Upper

162 100

127 41.8 40.2 60.4

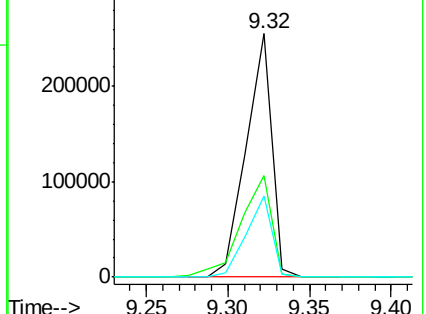
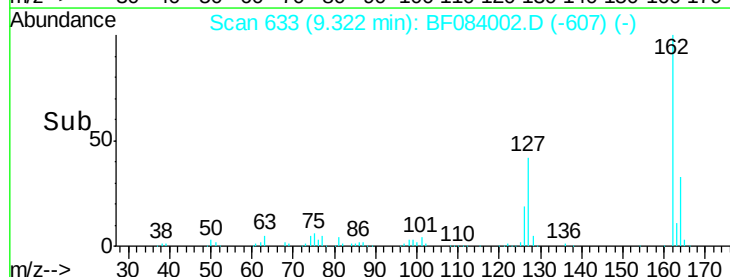
164 33.1 25.7 38.5

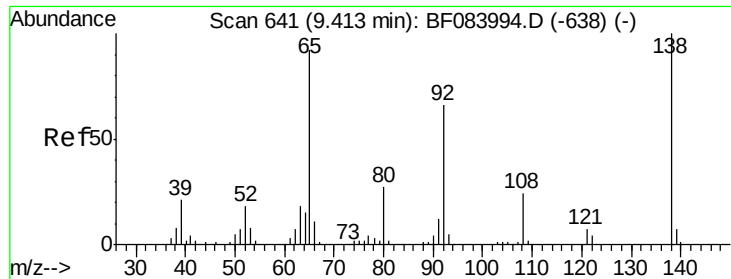


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

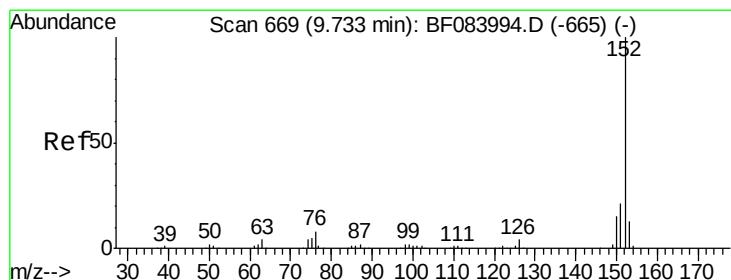
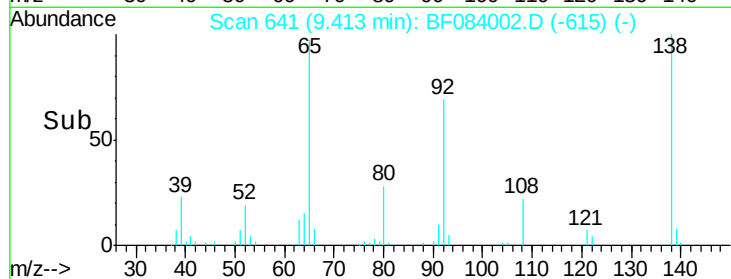
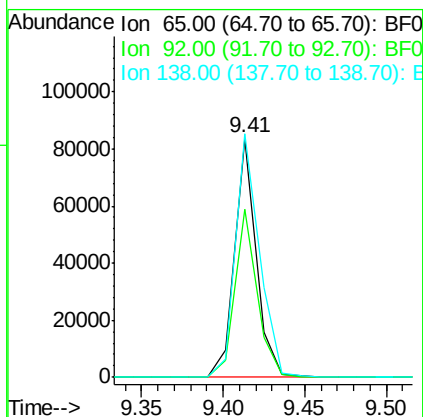
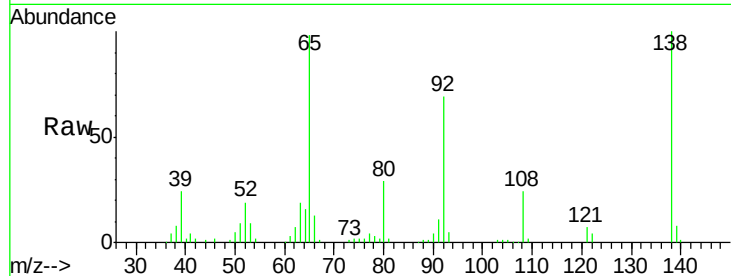




#47
2-Nitroaniline
Concen: 42.86 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

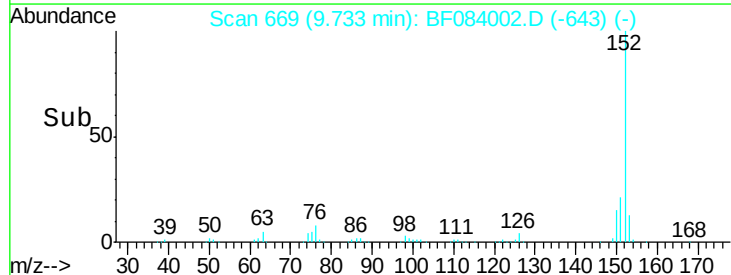
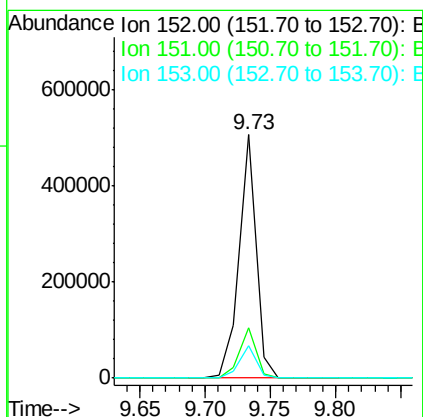
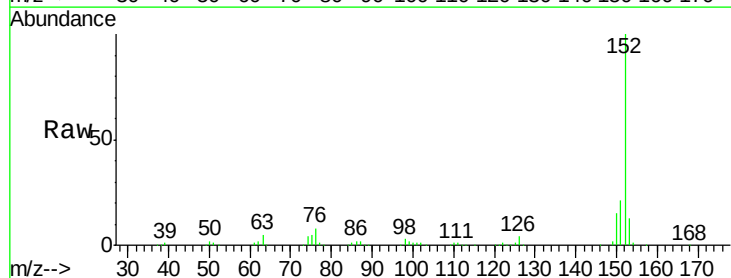
Instrument :
BNA_F
ClientSampleId :

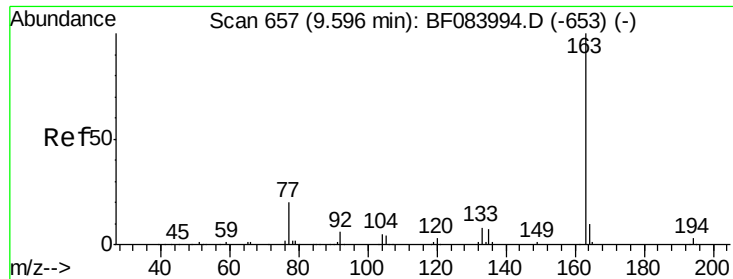
Tgt Ion: 65 Resp: 75722
Ion Ratio Lower Upper
65 100
92 70.6 53.4 80.2
138 102.0 71.1 106.7



#48
Acenaphthylene
Concen: 44.73 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion: 152 Resp: 459015
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 10.4 15.6

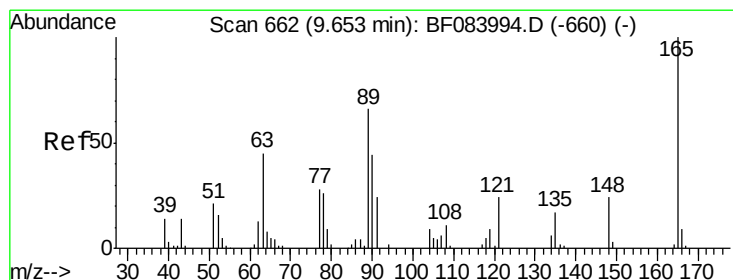
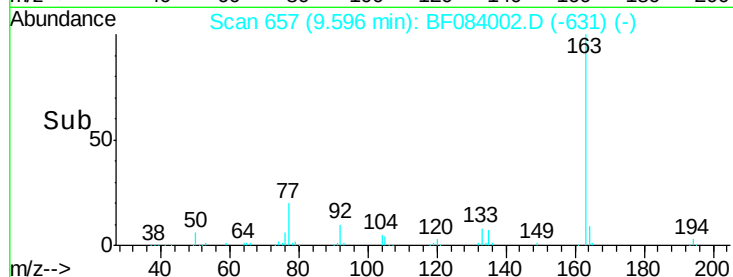
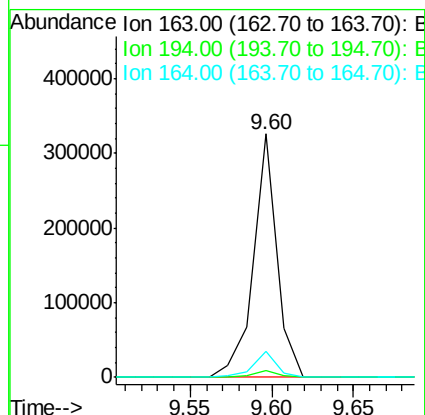
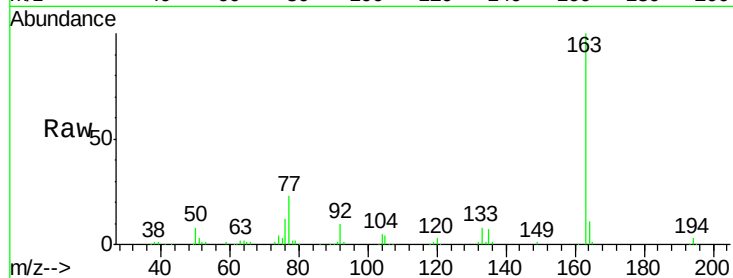




#49
Dimethylphthalate
Concen: 41.03 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

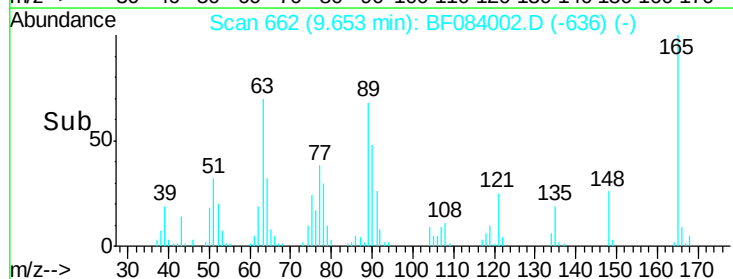
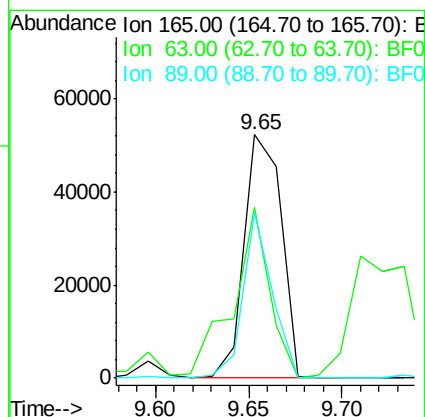
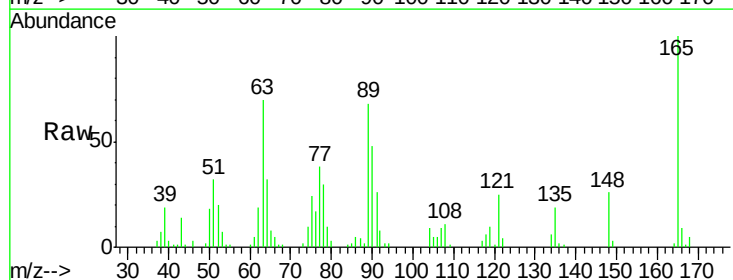
Instrument :
BNA_F
ClientSampled :

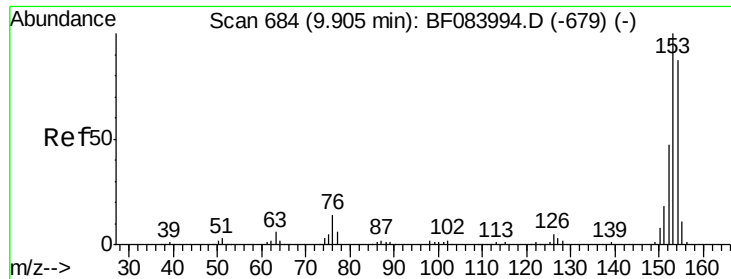
Tgt Ion:163 Resp: 326954
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 42.93 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:165 Resp: 72191
Ion Ratio Lower Upper
165 100
63 69.9 28.8 43.2#
89 68.2 35.1 52.7#





#51

Acenaphthene

Concen: 45.60 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

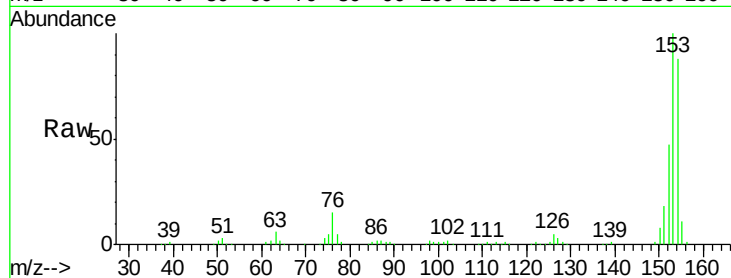
Tgt Ion:154 Resp: 278239

Ion Ratio Lower Upper

154 100

153 114.1 91.5 137.3

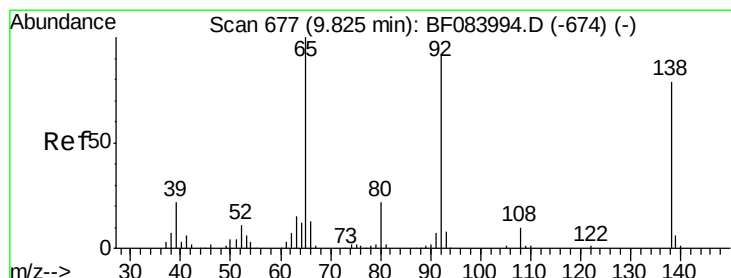
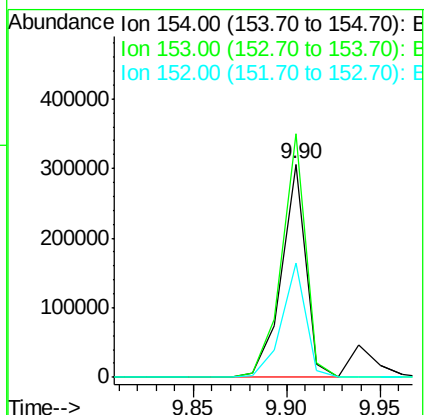
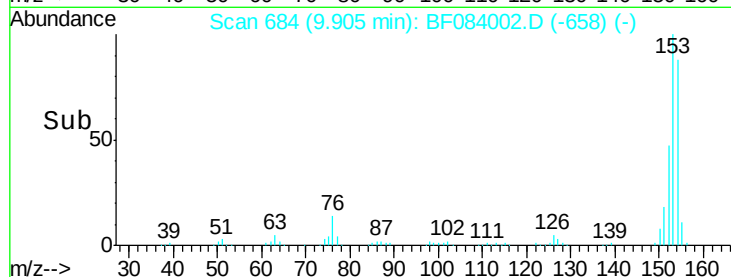
152 53.3 43.0 64.6



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: 20.83 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

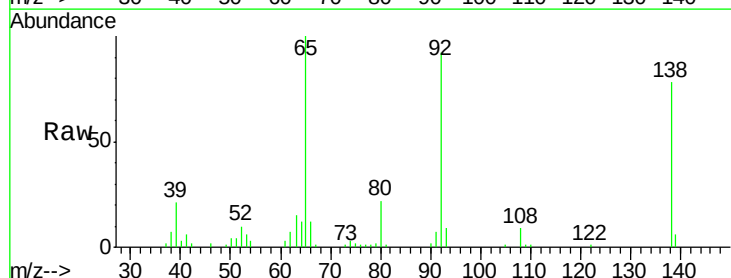
Tgt Ion:138 Resp: 37205

Ion Ratio Lower Upper

138 100

108 12.0 10.5 15.7

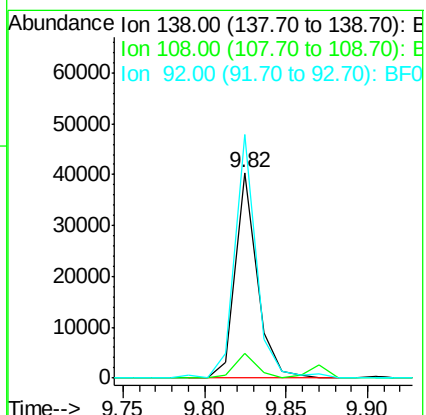
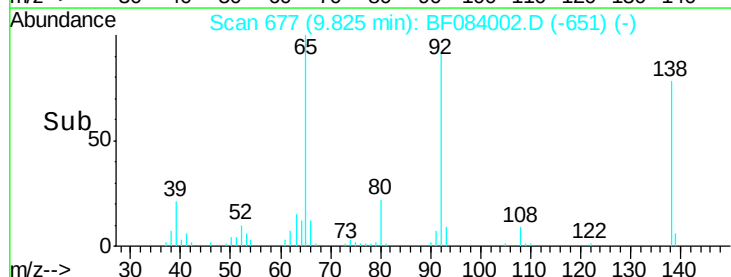
92 118.4 103.9 155.9

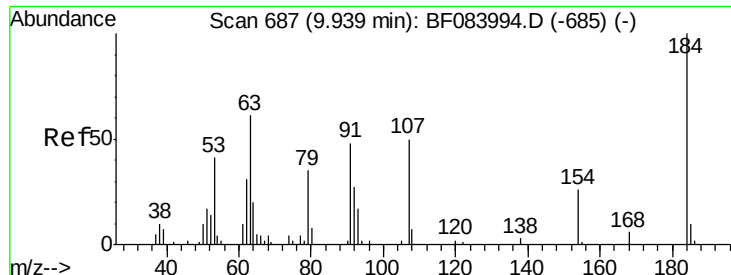


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

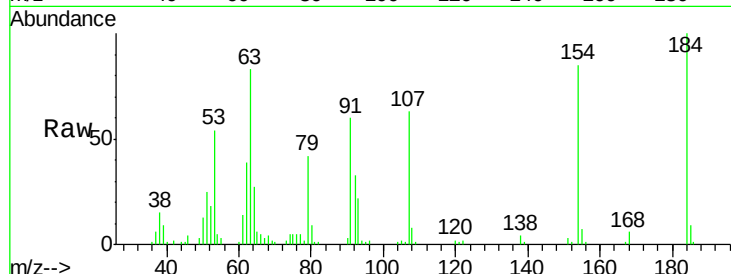




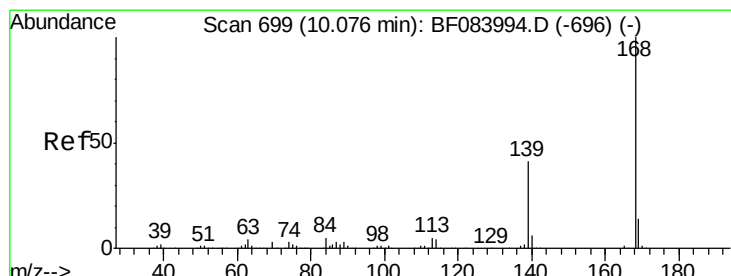
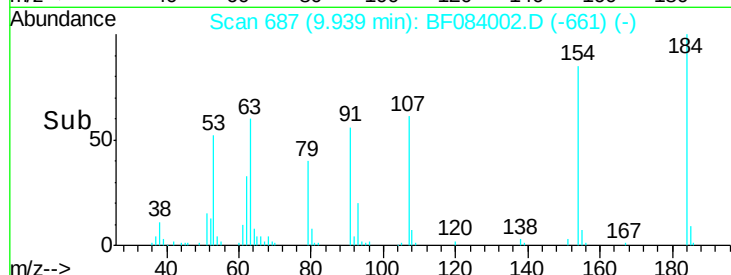
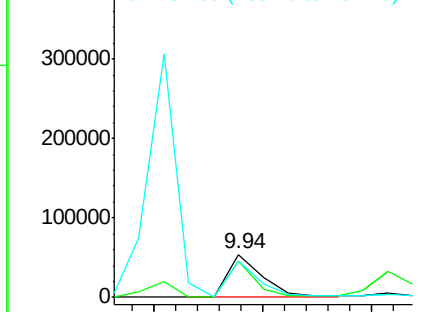
#53
2,4-Dinitrophenol
Concen: 84.01 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Instrument :
BNA_F
ClientSampled :

Tgt Ion:184 Resp: 60773
Ion Ratio Lower Upper
184 100
63 83.0 43.1 64.7#
154 84.6 60.5 90.7

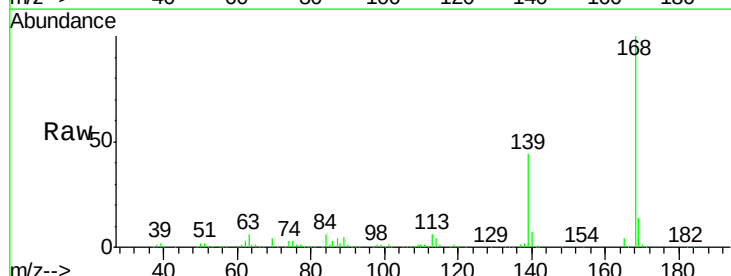


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

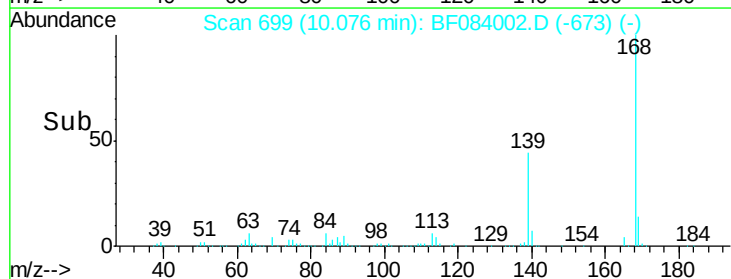
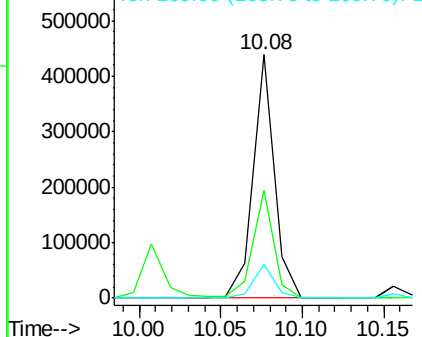


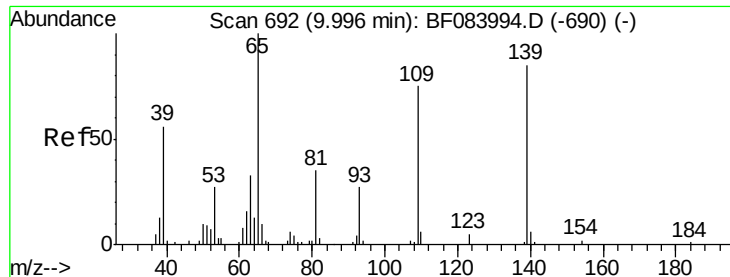
#54
Dibenzofuran
Concen: 43.56 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:168 Resp: 397804
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 13.6 10.4 15.6



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

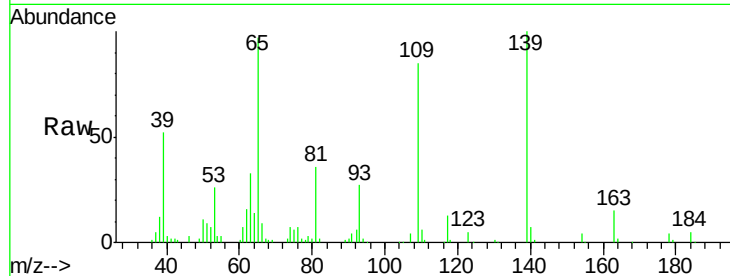




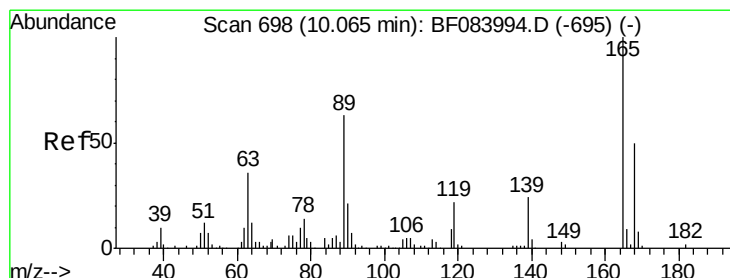
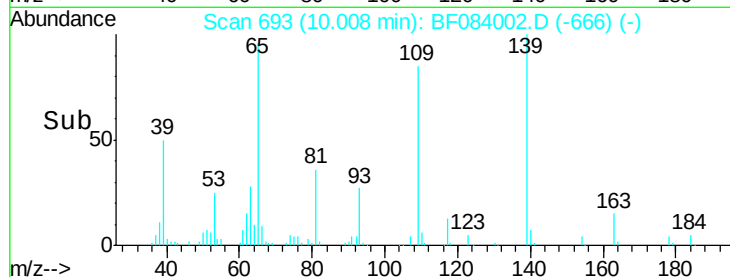
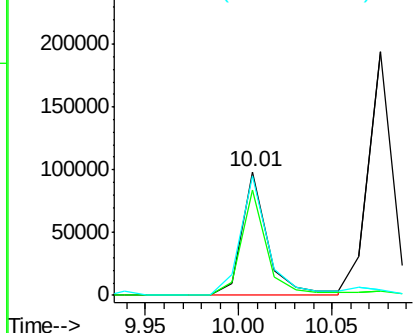
#55
4-Nitrophenol
Concen: 91.46 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 95990
Ion Ratio Lower Upper
139 100
109 85.2 58.5 98.5
65 96.8 57.6 97.6

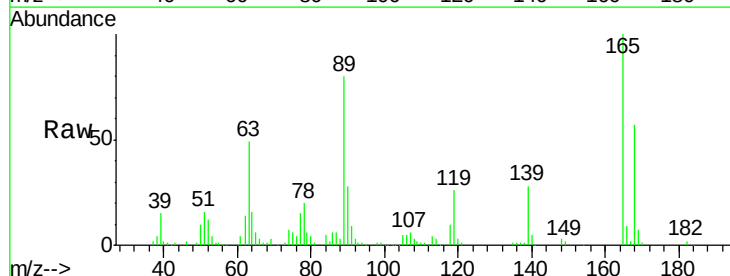


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

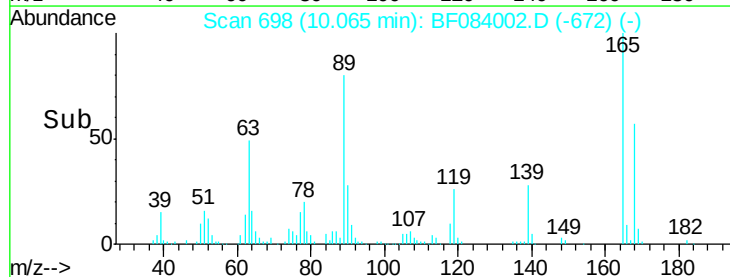
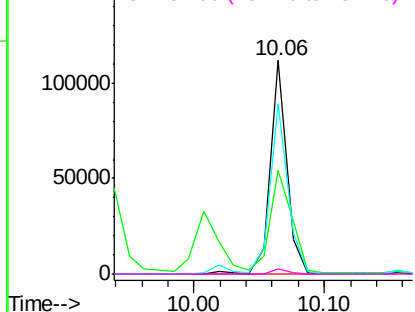


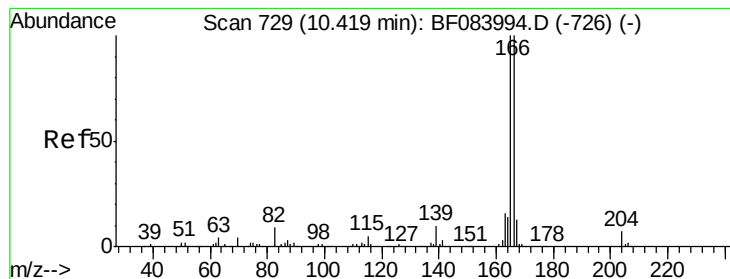
#56
2,4-Dinitrotoluene
Concen: 47.34 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:165 Resp: 100088
Ion Ratio Lower Upper
165 100
63 48.8 36.7 55.1
89 79.7 61.9 92.9
182 2.4 2.0 3.0



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





#57

Fluorene

Concen: 49.64 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

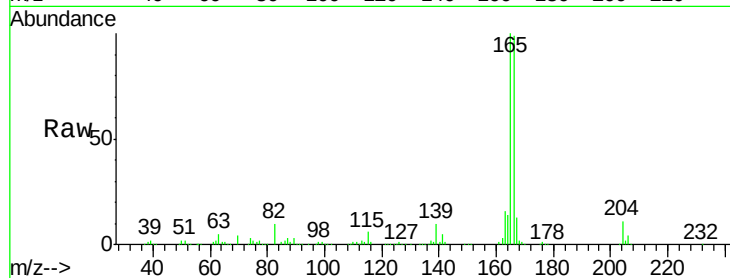
Tgt Ion:166 Resp: 359204

Ion Ratio Lower Upper

166 100

165 100.9 79.1 118.7

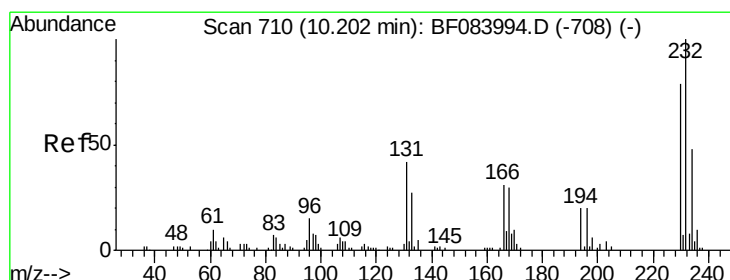
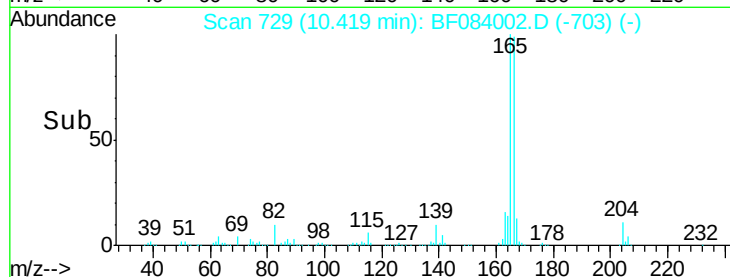
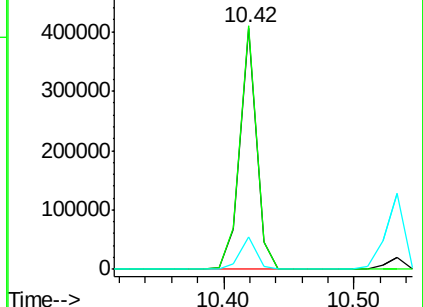
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.31 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Tgt Ion:232 Resp: 80642

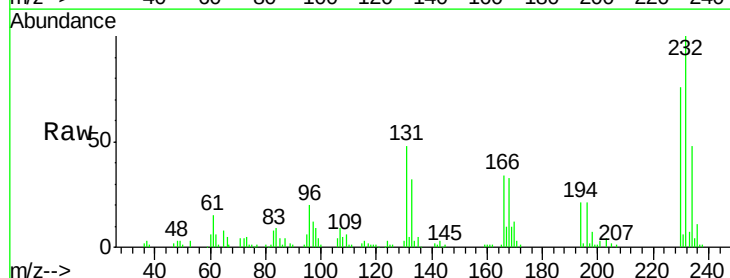
Ion Ratio Lower Upper

232 100

131 50.2 47.0 70.6

130 2.7 2.0 3.0

166 32.1 30.5 45.7

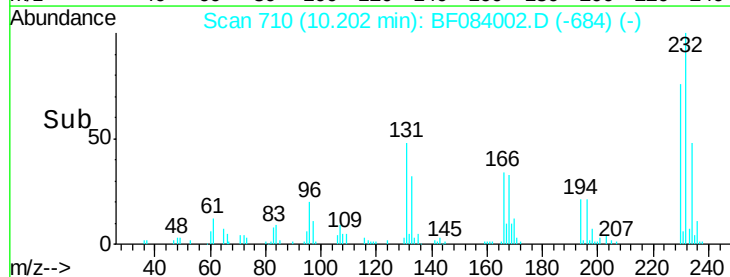
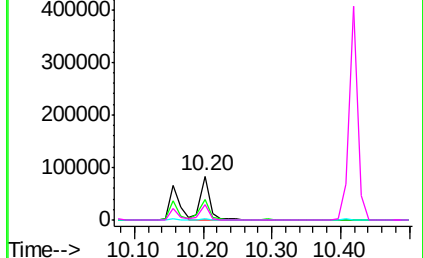


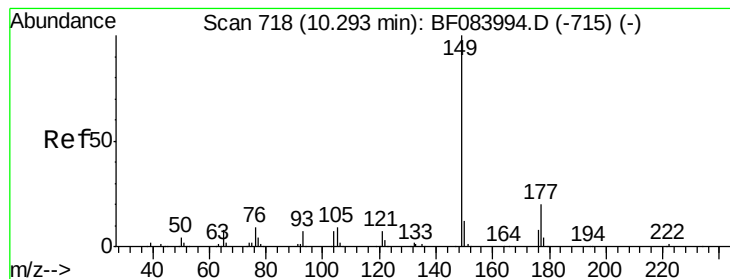
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.10 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampled :

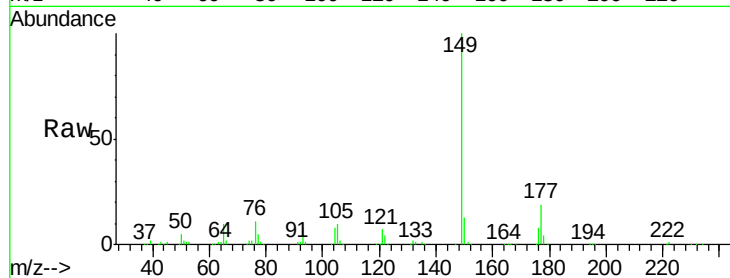
Tgt Ion:149 Resp: 384460

Ion Ratio Lower Upper

149 100

177 19.1 17.3 25.9

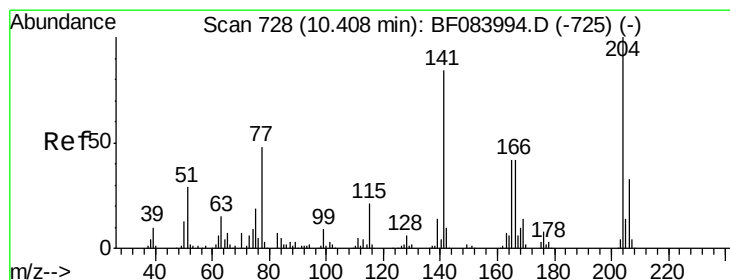
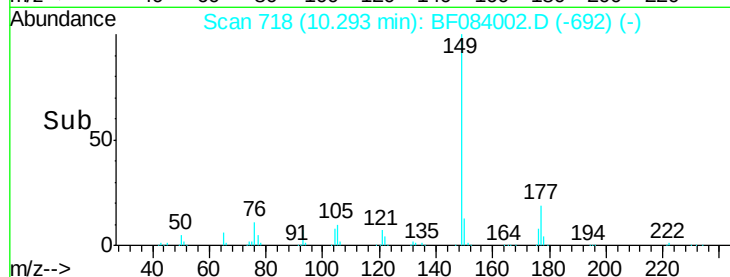
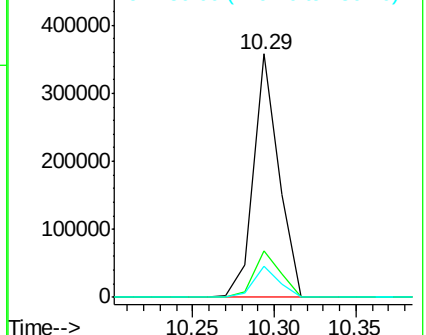
150 12.9 9.8 14.8



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: 45.36 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

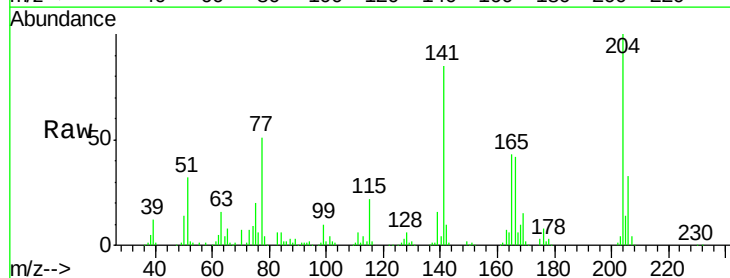
Tgt Ion:204 Resp: 150403

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

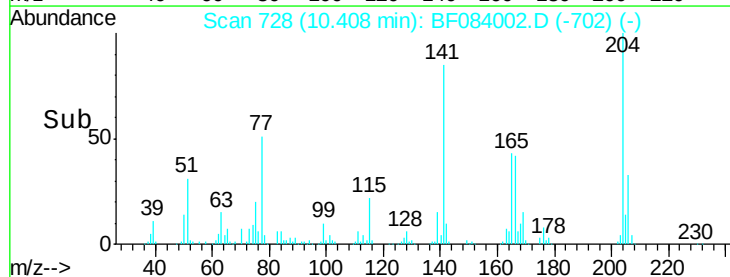
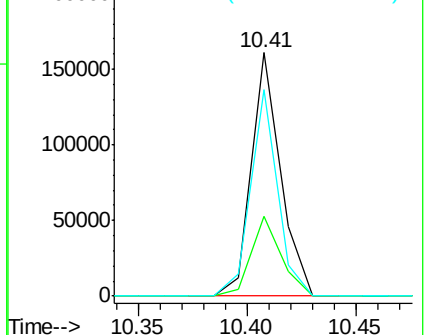
141 84.6 55.1 82.7#

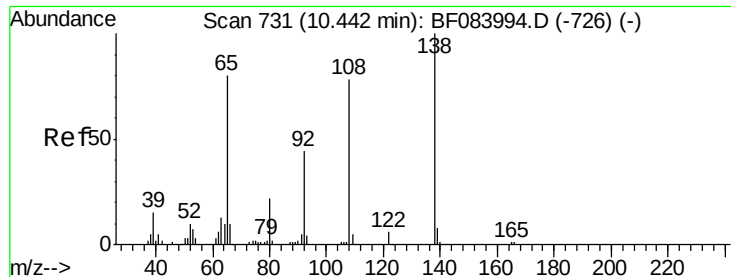


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.55 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

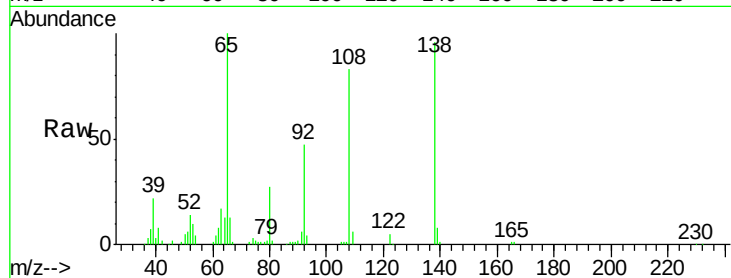
Tgt Ion:138 Resp: 83237

Ion Ratio Lower Upper

138 100

92 48.7 32.6 72.6

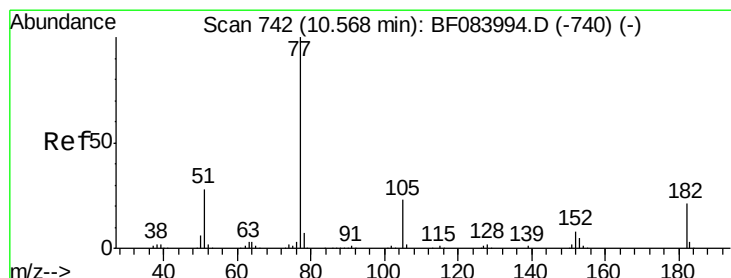
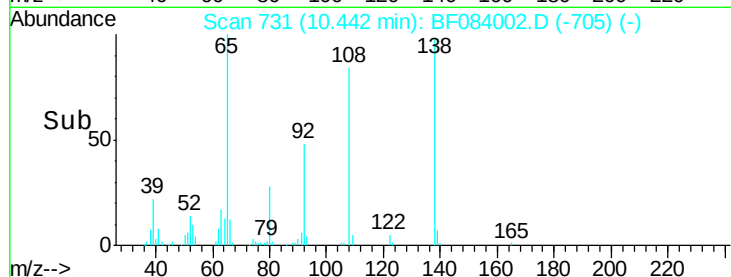
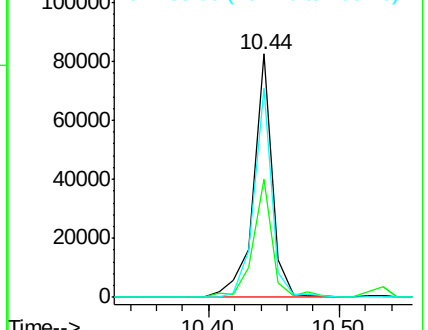
108 85.7 68.6 108.6



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: 51.46 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Tgt Ion: 77 Resp: 355810

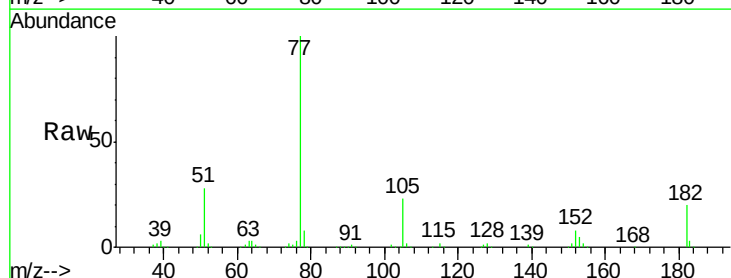
Ion Ratio Lower Upper

77 100

182 19.5 8.3 48.3

105 22.7 4.6 44.6

51 28.5 6.2 46.2

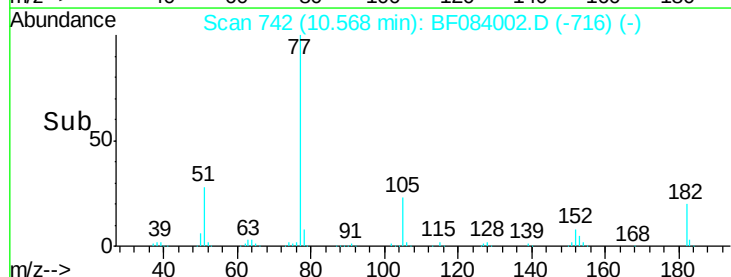
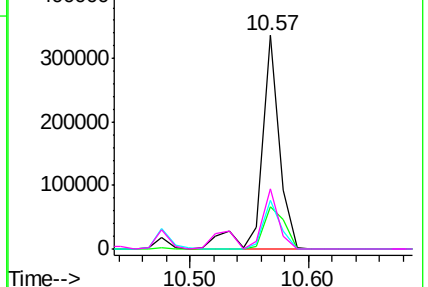


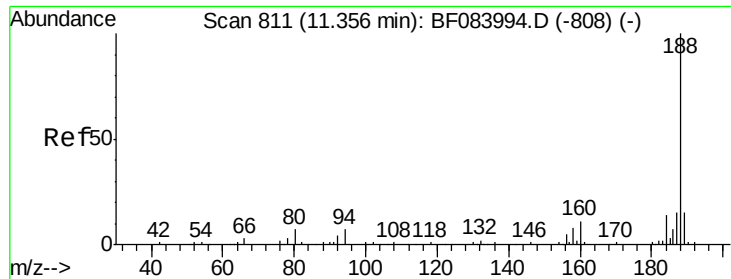
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

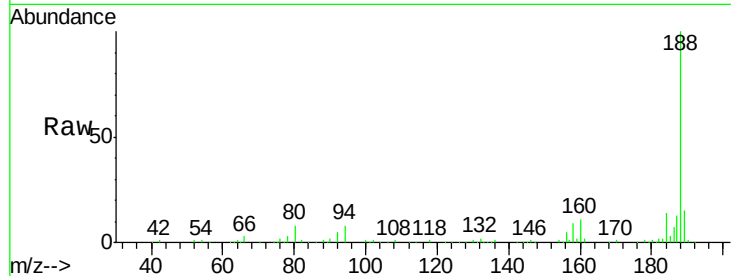




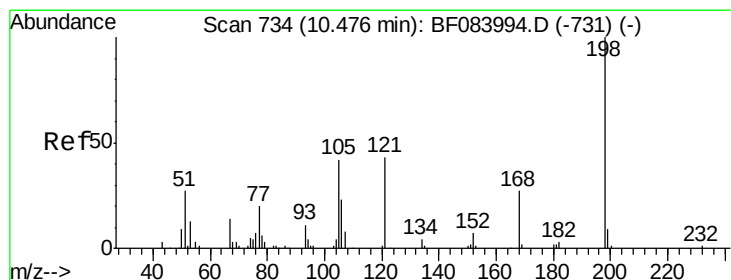
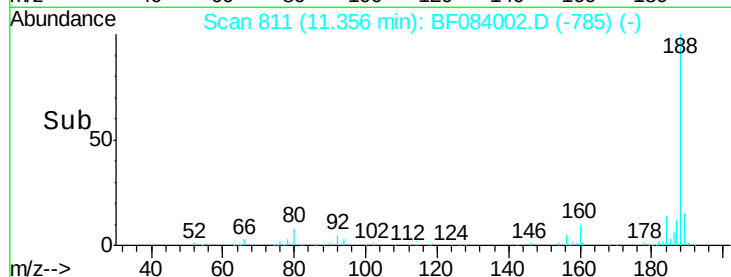
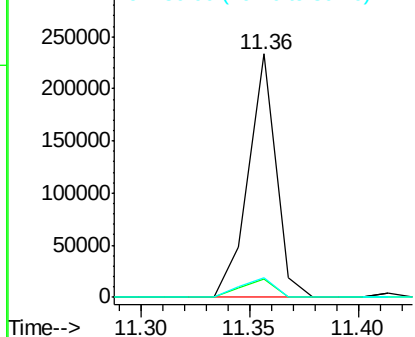
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.4#
80	8.3	9.6	14.4#

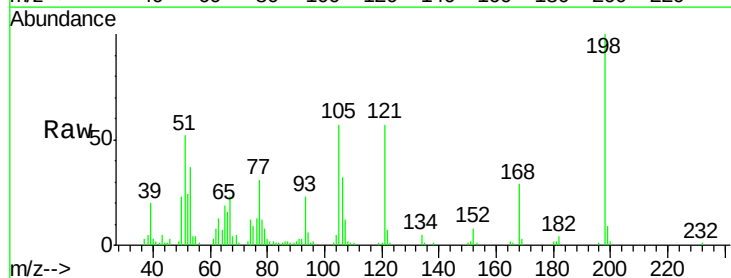


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

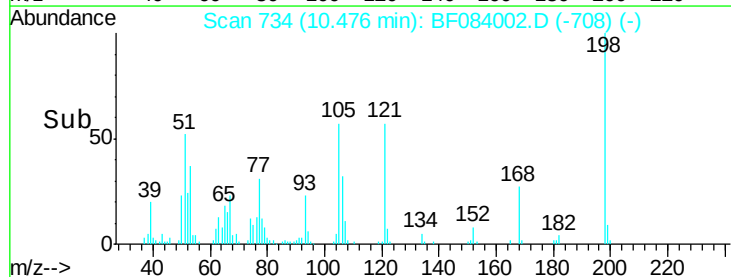
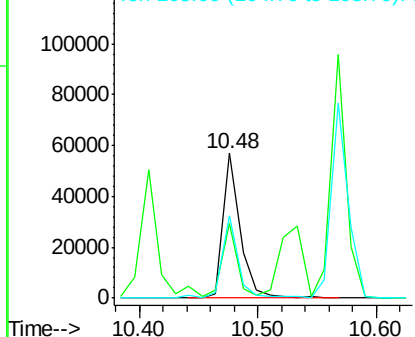


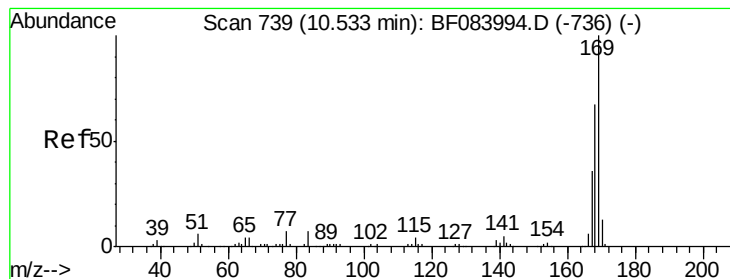
#64
4,6-Dinitro-2-methylphenol
Concen: 46.48 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.8	18.9	58.9
105	56.7	26.4	66.4



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: 44.66 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

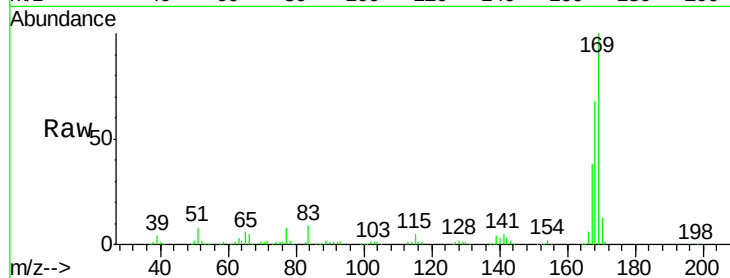
Tgt Ion:169 Resp: 340044

Ion Ratio Lower Upper

169 100

168 68.5 55.1 82.7

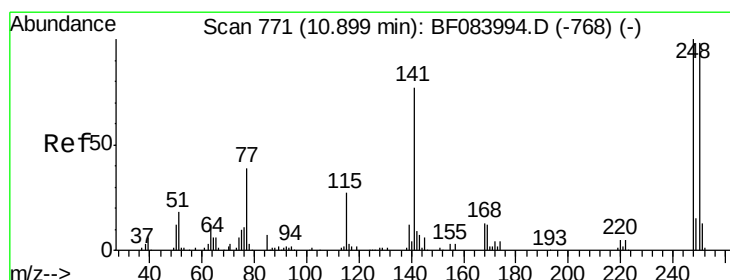
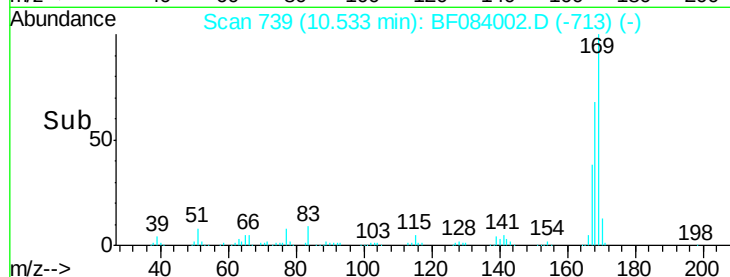
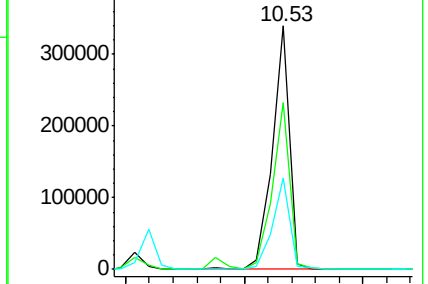
167 37.7 30.0 45.0



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: 44.31 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

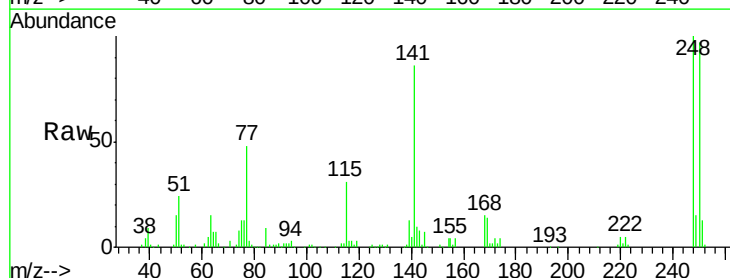
Tgt Ion:248 Resp: 104739

Ion Ratio Lower Upper

248 100

250 96.8 78.4 117.6

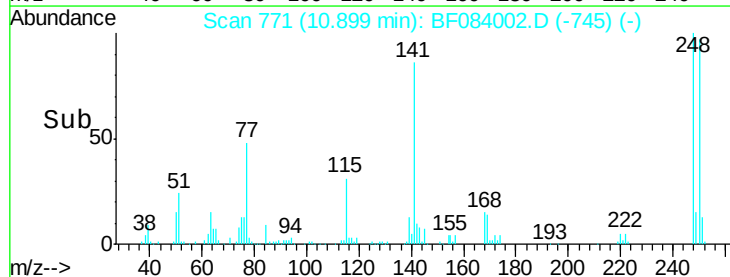
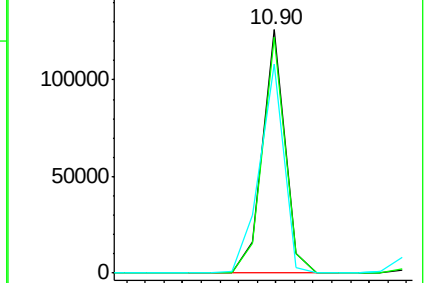
141 86.0 44.0 66.0#

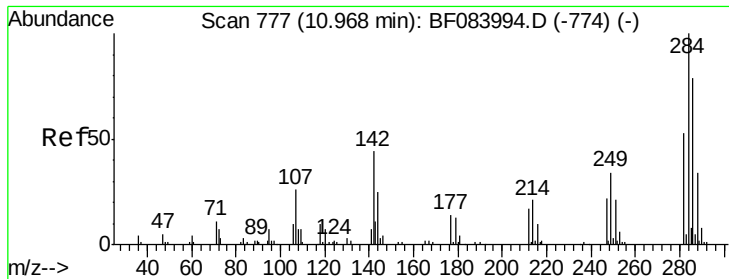


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.30 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084002.D

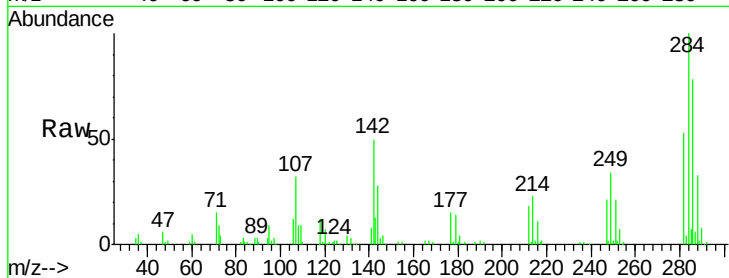
Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

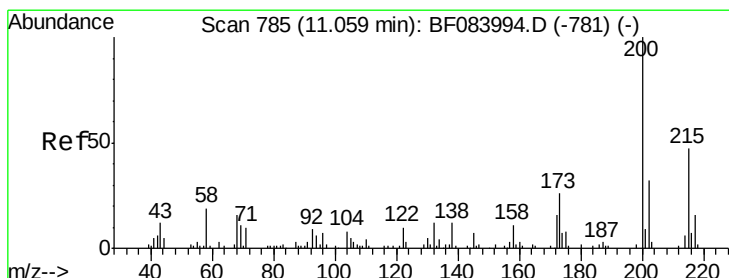
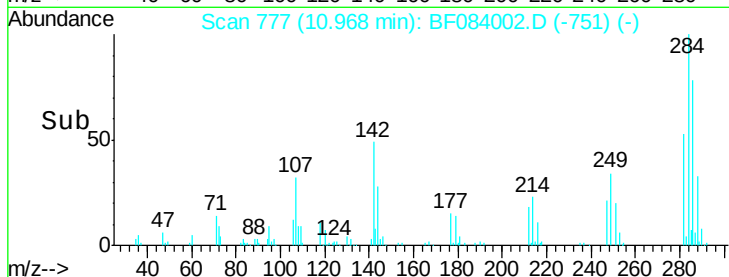
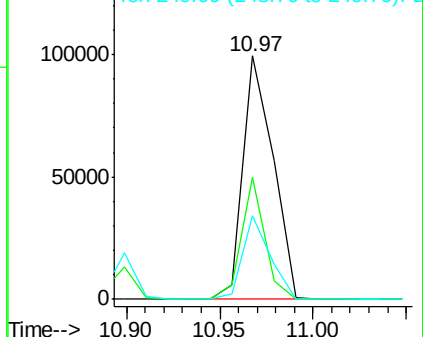
Tgt Ion:	284	Resp:	111712
Ion Ratio	Lower	Upper	
284	100		
142	49.9	22.2	33.4#
249	34.3	24.6	37.0



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: 43.12 ng

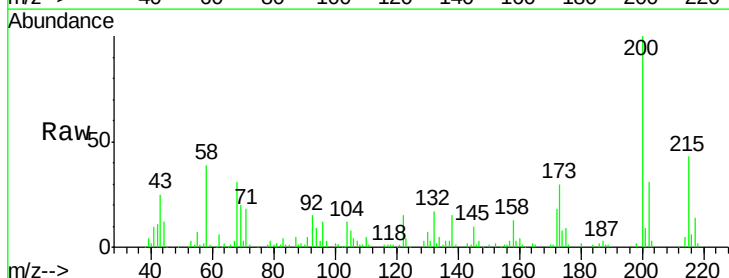
RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

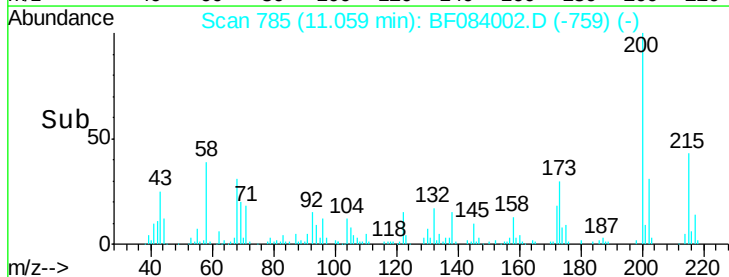
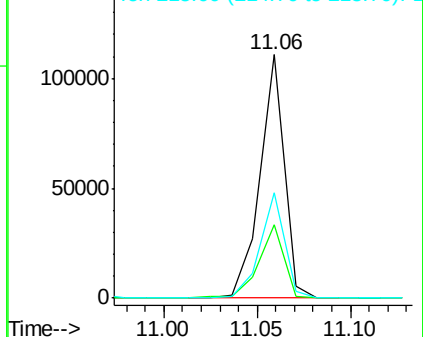
Tgt Ion:	200	Resp:	99246
Ion Ratio	Lower	Upper	
200	100		
173	29.9	9.5	49.5
215	43.4	23.8	63.8

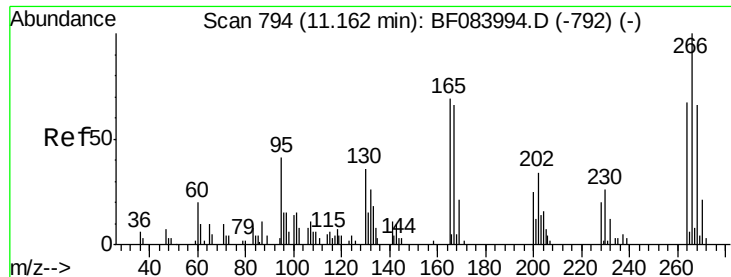


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

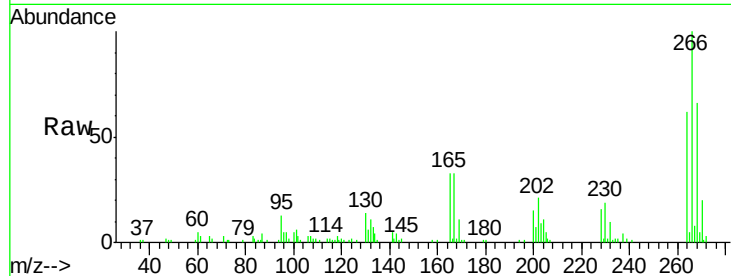




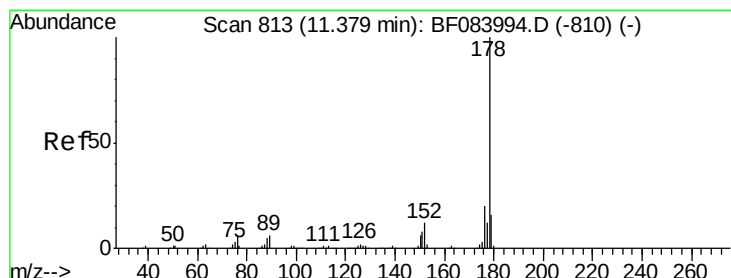
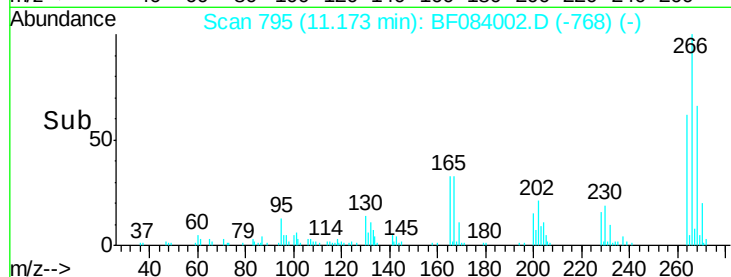
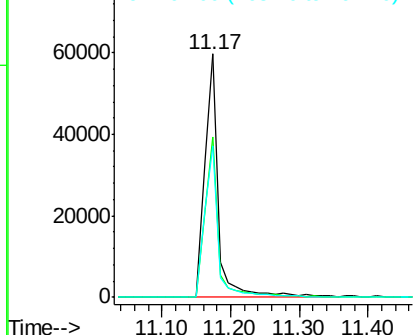
#69
 Pentachlorophenol
 Concen: 85.42 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 81204
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.4 78.6
 264 62.3 50.2 75.2

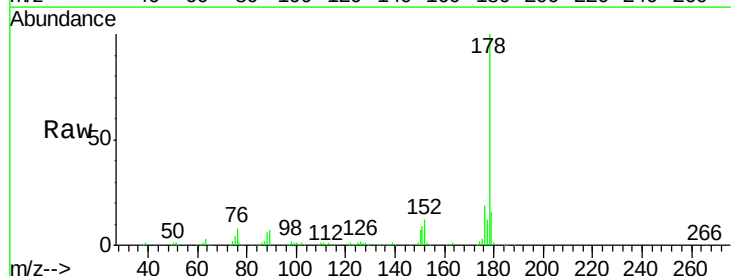


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

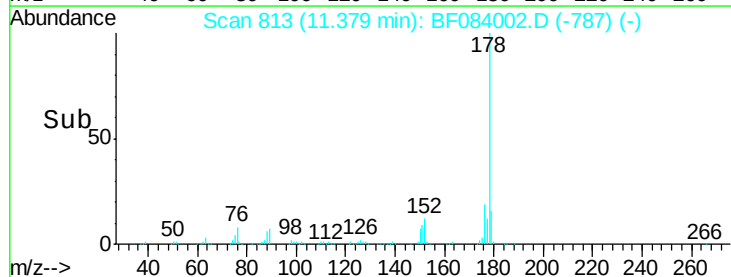
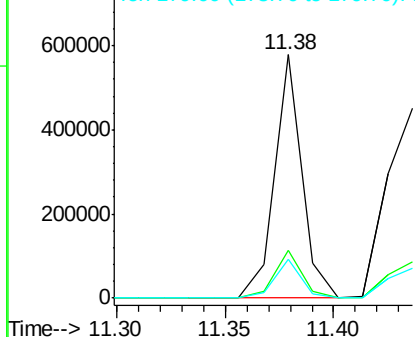


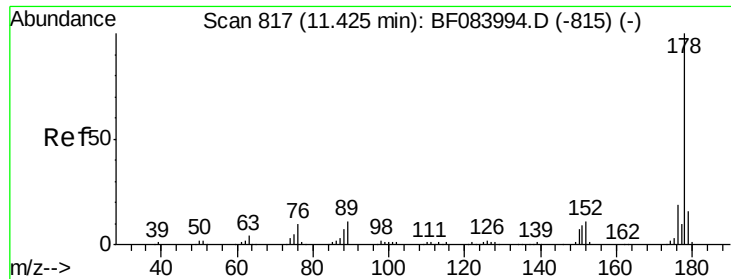
#70
 Phenanthrene
 Concen: 43.79 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:178 Resp: 510197
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.8 12.0 18.0



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

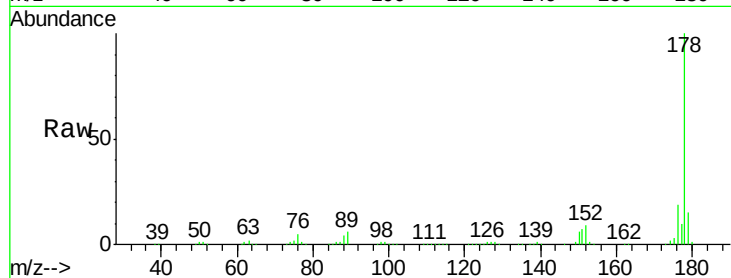




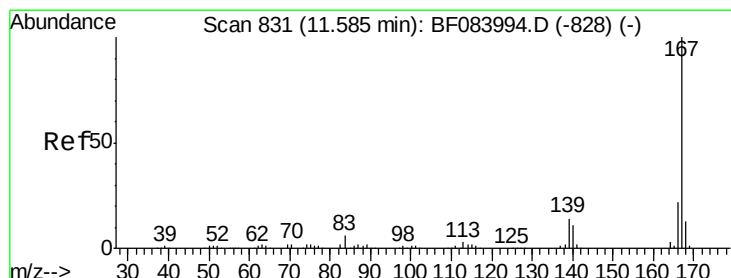
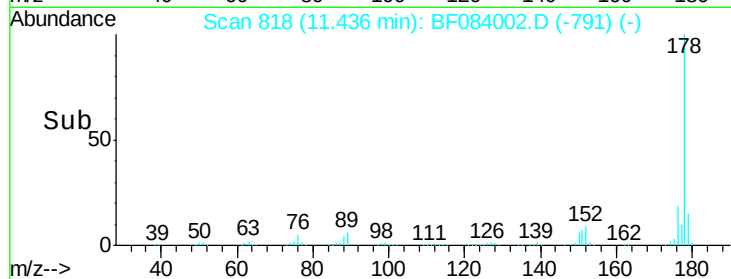
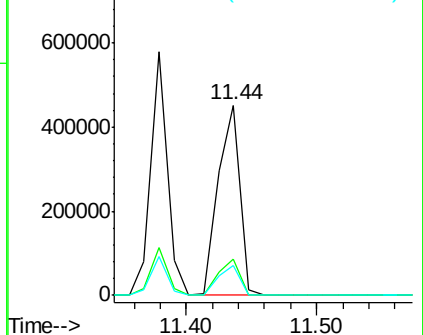
#71
 Anthracene
 Concen: 44.68 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 528705
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.4 12.5 18.7

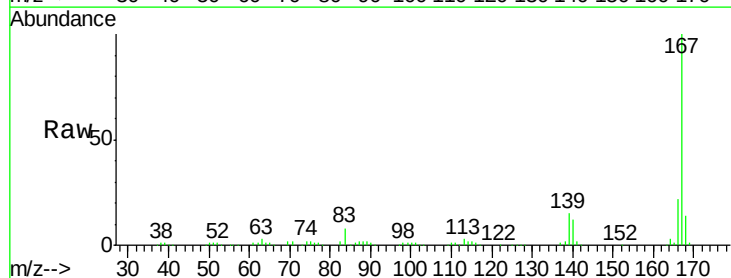


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

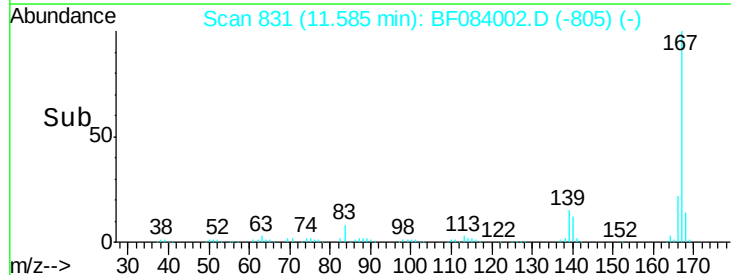
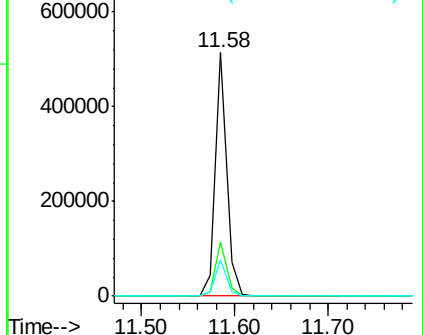


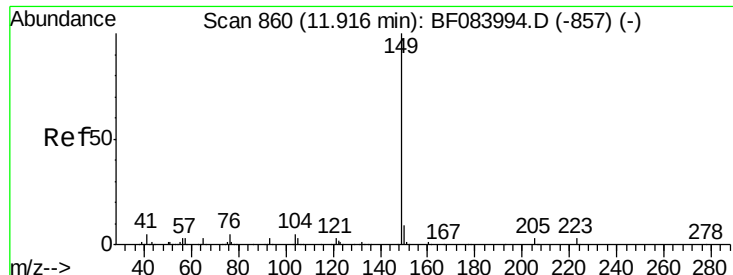
#72
 Carbazole
 Concen: 39.85 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:167 Resp: 440905
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.8 11.8 17.8



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





#73

Di-n-butylphthalate

Concen: 45.21 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

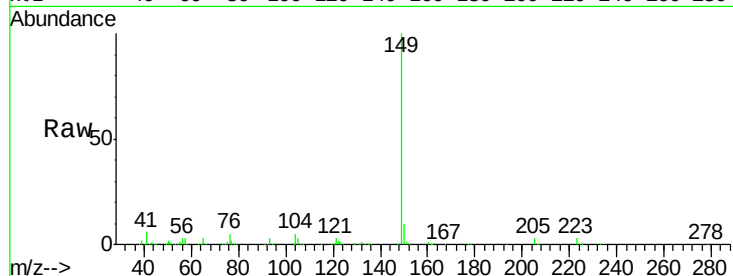
Tgt Ion:149 Resp: 621065

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

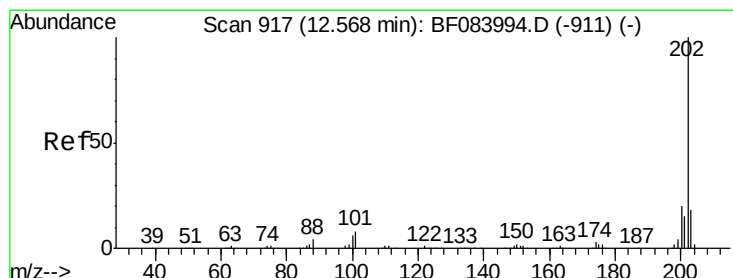
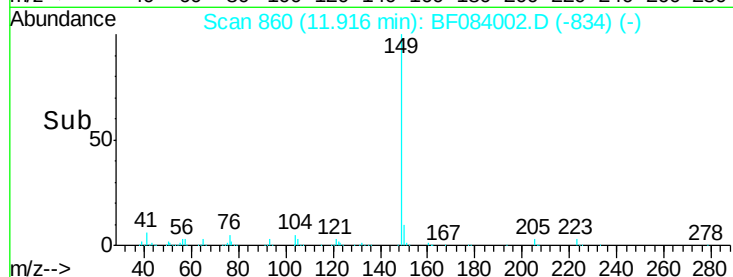
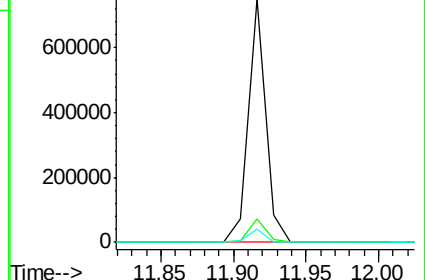
104 5.4 3.2 4.8#



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: 47.27 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

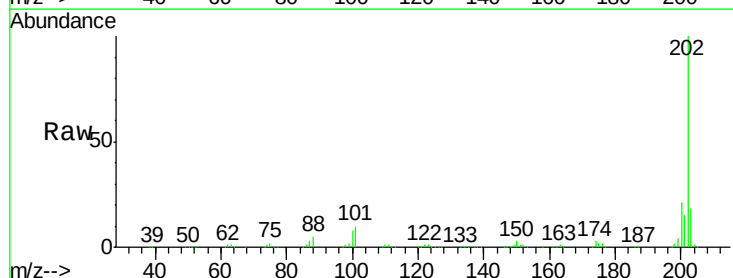
Tgt Ion:202 Resp: 546173

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.8

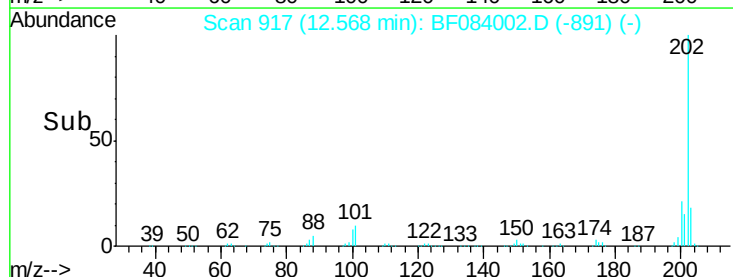
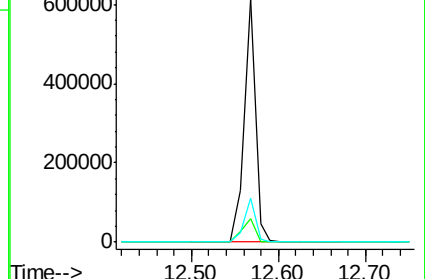
203 17.9 0.0 37.9

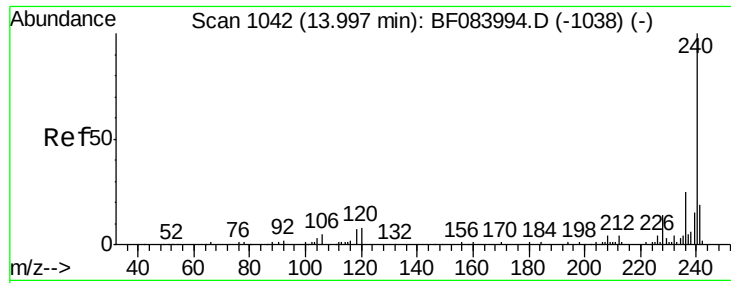


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

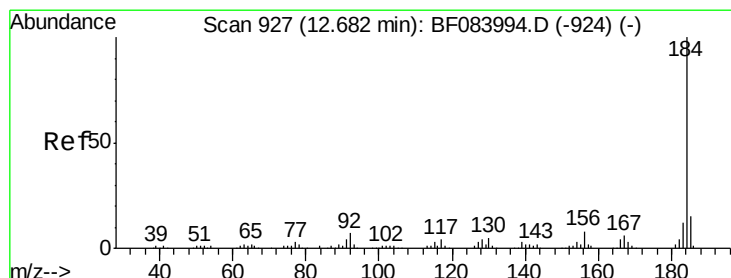
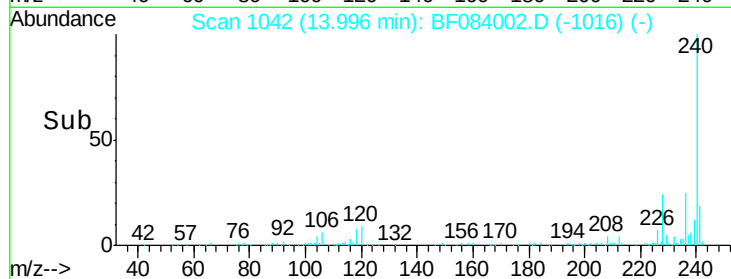
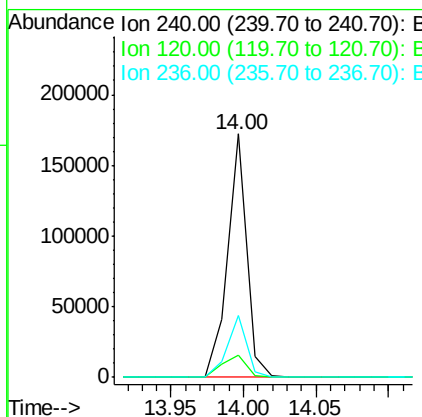
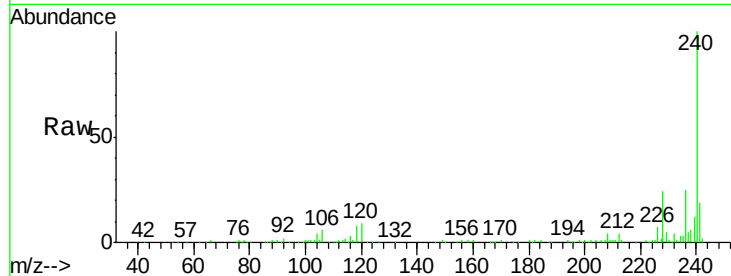




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

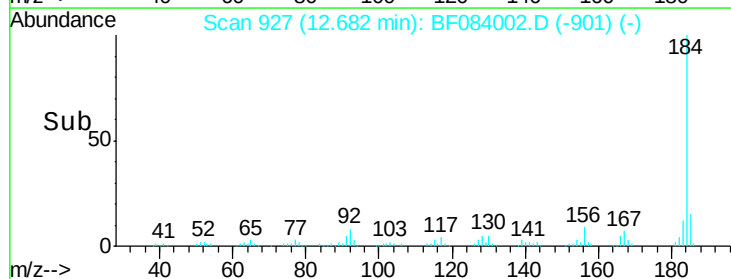
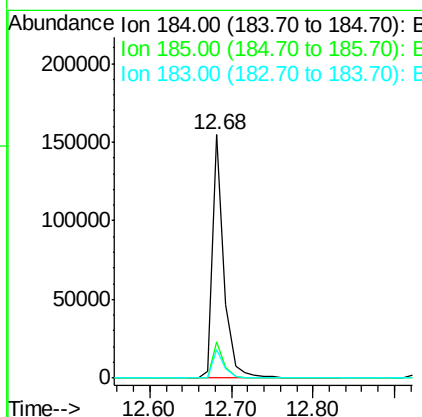
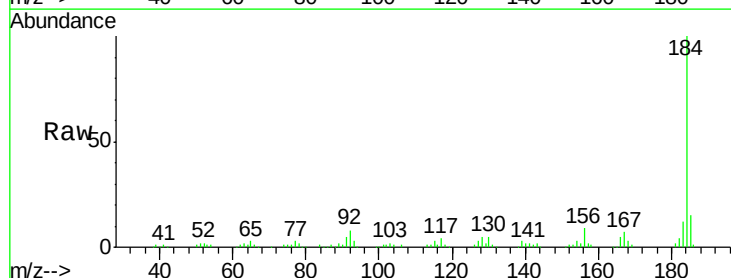
Instrument :
 BNA_F
 ClientSampleId :

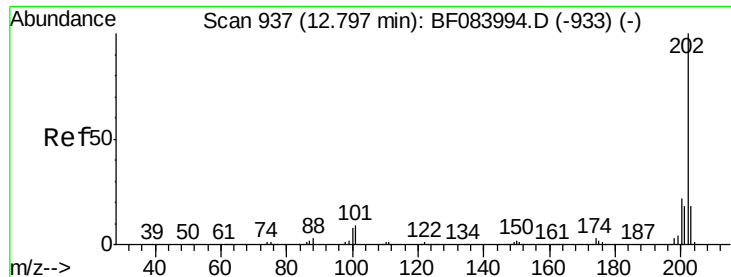
Tgt Ion:240 Resp: 158021
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.5 14.3#
 236 25.4 20.6 31.0



#76
 Benzidine
 Concen: 27.11 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:184 Resp: 152752
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.2 18.2
 183 12.0 9.8 14.8

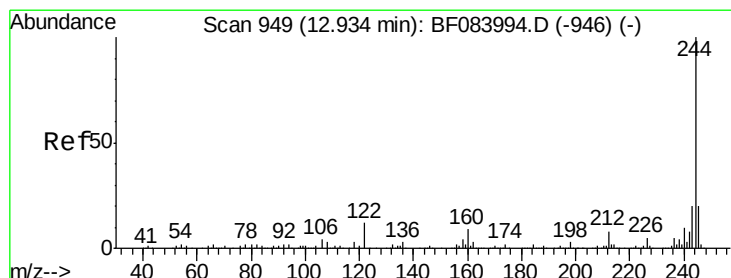
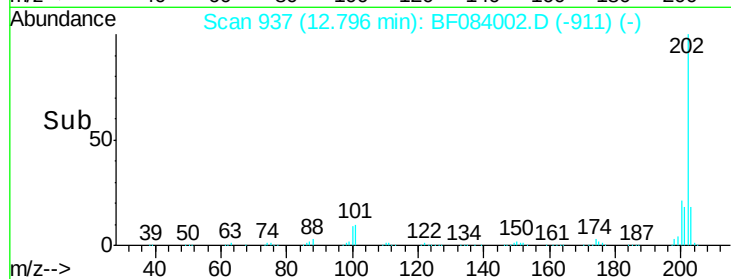
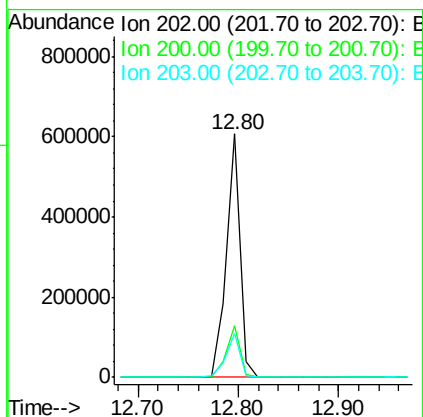
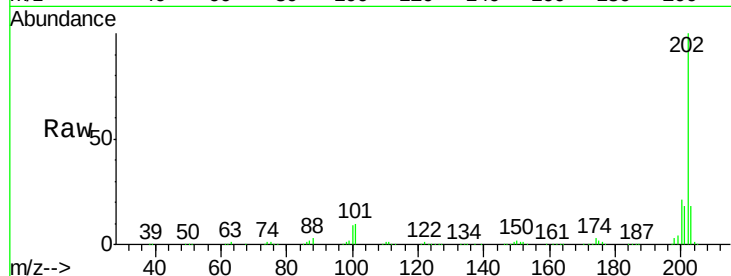




#77
Pyrene
 Concen: 53.42 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

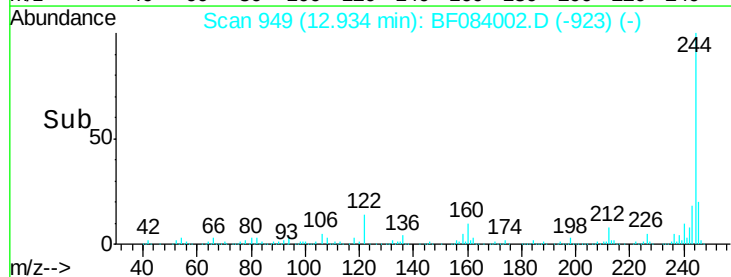
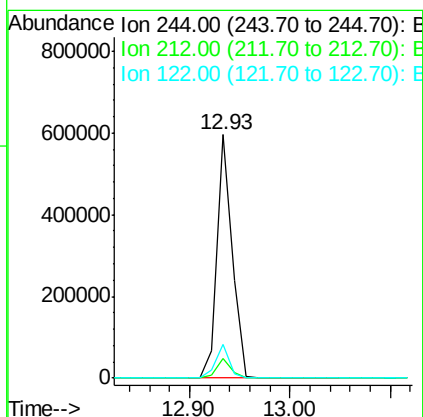
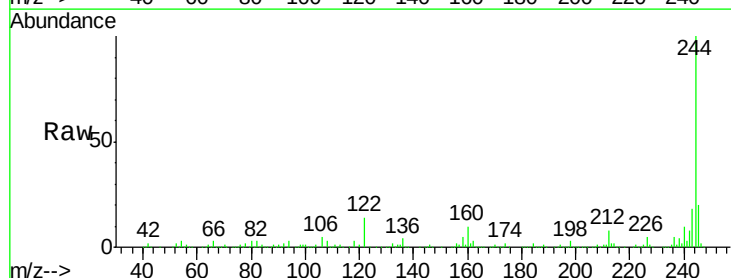
Instrument :
 BNA_F
 ClientSampleId :

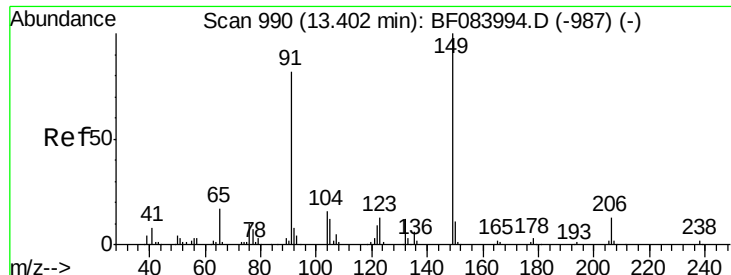
Tgt Ion: 202 Resp: 572740
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.2 25.8
 203 17.8 14.3 21.5



#78
Terphenyl-d14
 Concen: 94.06 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion: 244 Resp: 623250
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 13.8 7.4 11.0#

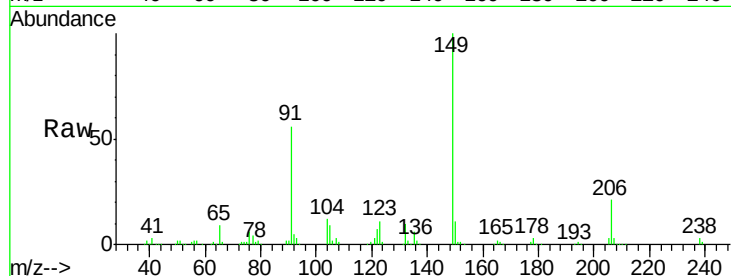




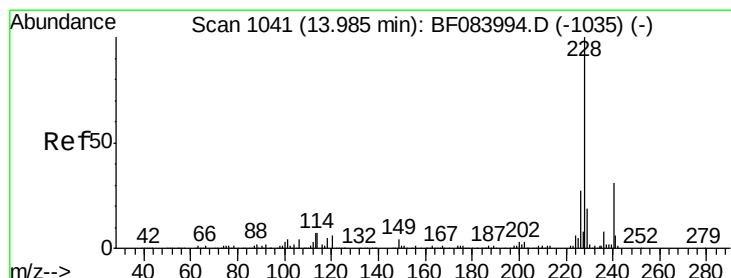
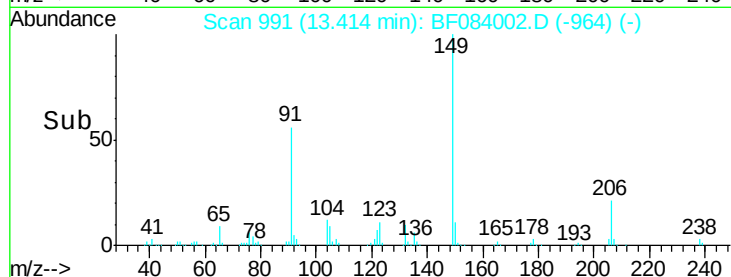
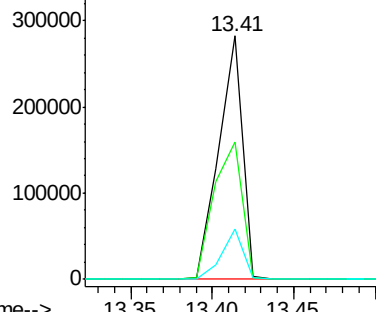
#79
Butylbenzylphthalate
Concen: 57.90 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 285485
Ion Ratio Lower Upper
149 100
91 56.3 57.6 86.4#
206 20.8 13.2 19.8#

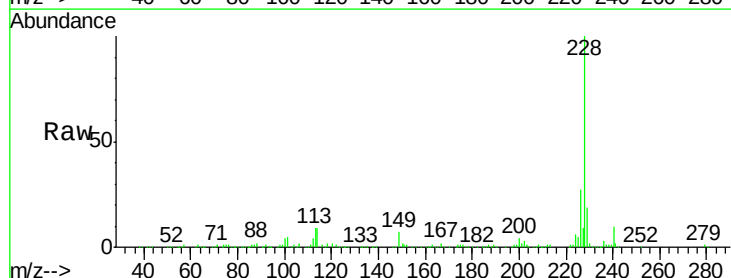


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

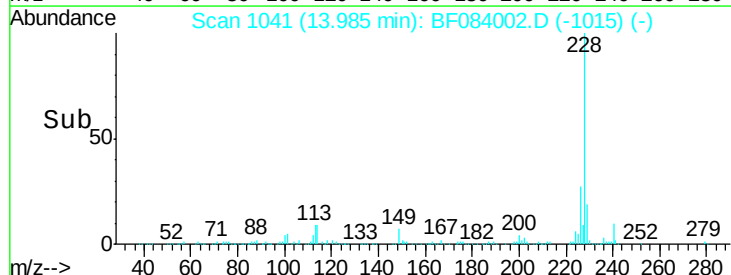
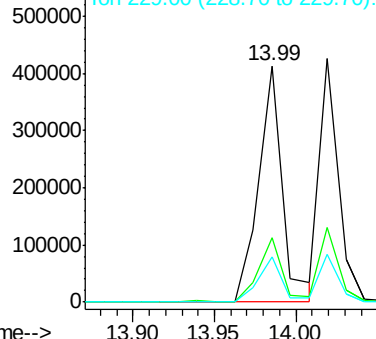


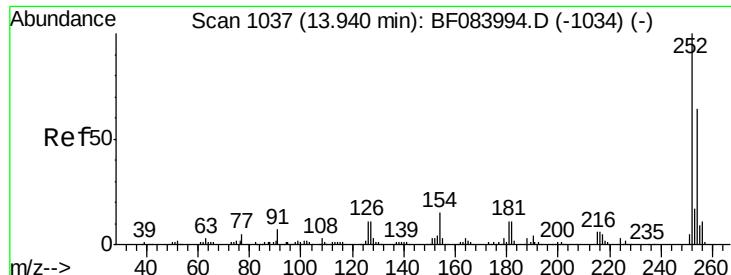
#80
Benzo(a)anthracene
Concen: 46.34 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:228 Resp: 422292
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.6
229 19.4 15.8 23.8



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

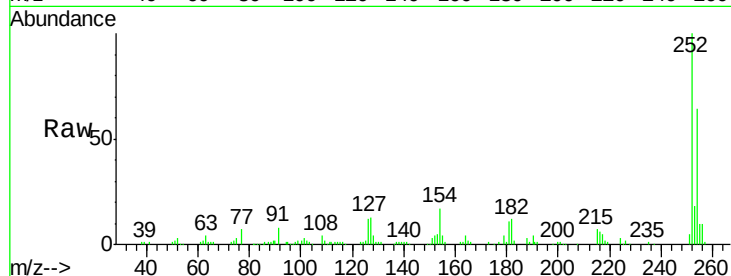




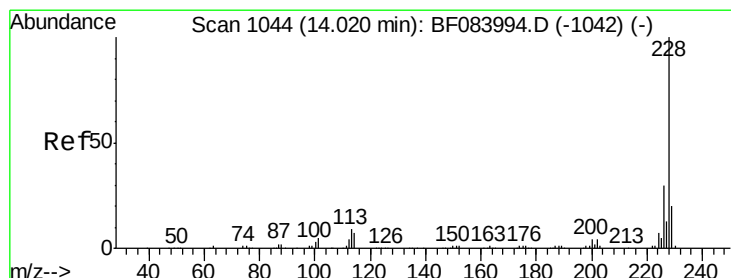
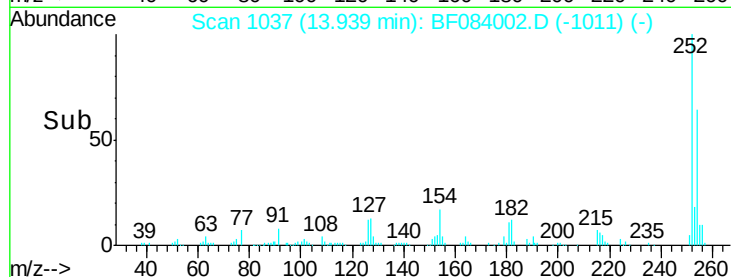
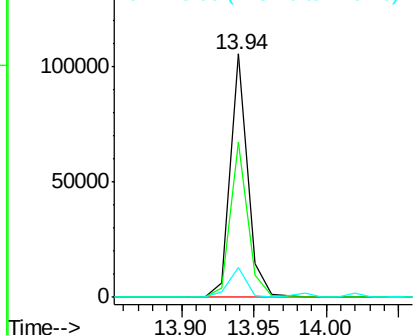
#81
 3,3'-Dichlorobenzidine
 Concen: 25.60 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 252 Resp: 87728
 Ion Ratio Lower Upper
 252 100
 254 63.6 53.5 80.3
 126 12.2 4.9 7.3#

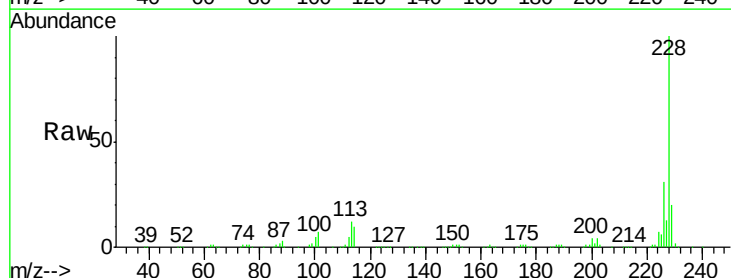


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

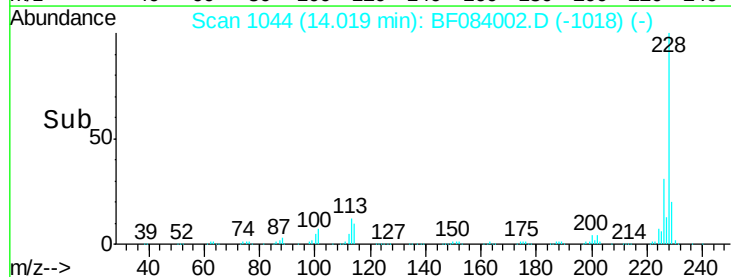
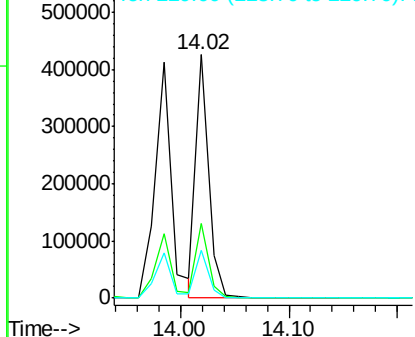


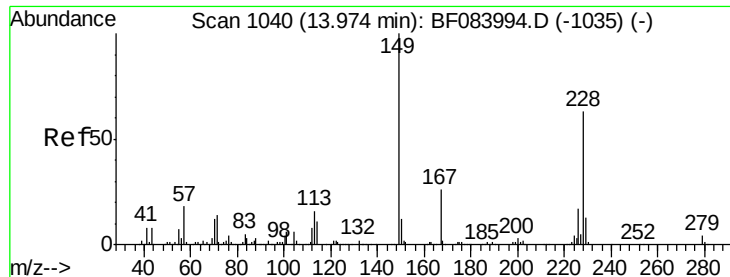
#82
 Chrysene
 Concen: 41.63 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion: 228 Resp: 352174
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 19.7 16.1 24.1



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

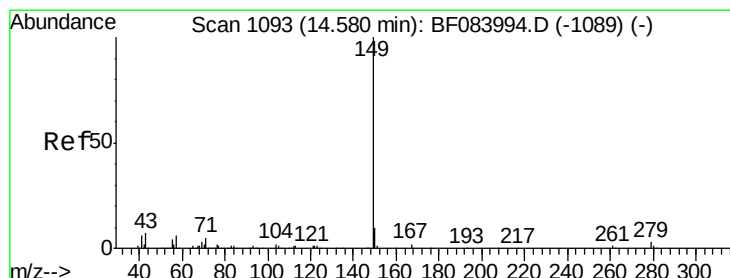
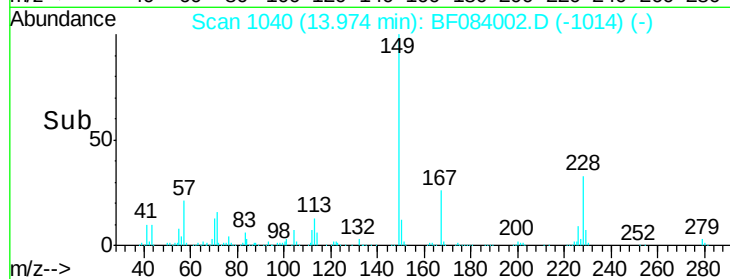
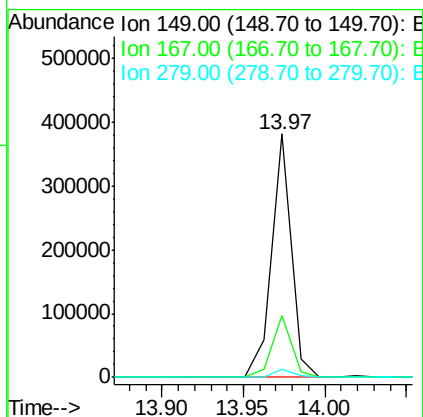
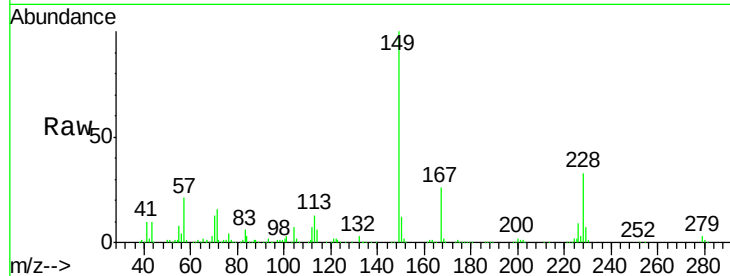




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.33 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

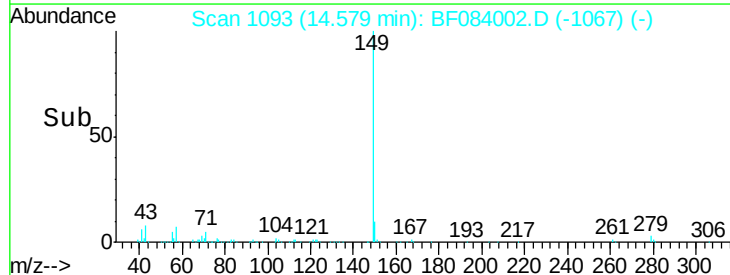
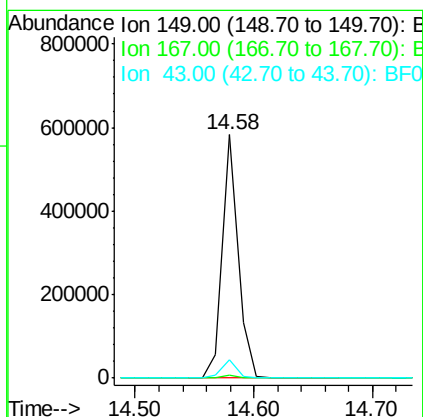
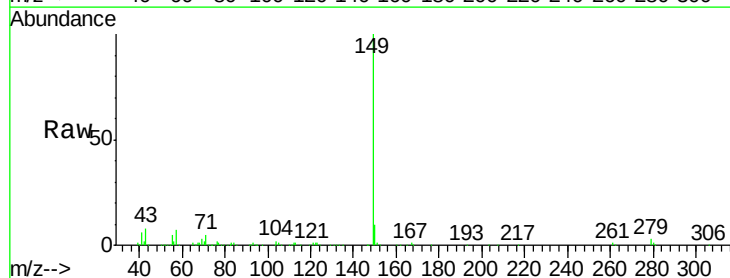
Instrument :
 BNA_F
 ClientSampleId :

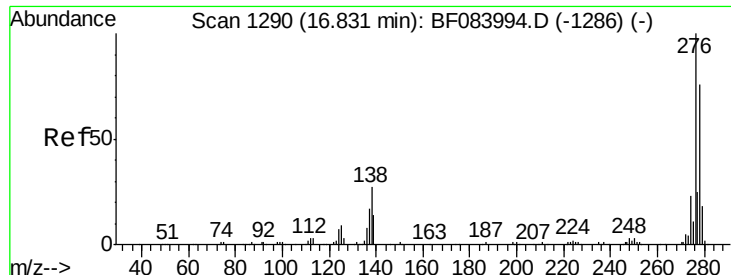
Tgt Ion:149 Resp: 323653
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.7 29.5
 279 3.2 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 50.90 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion:149 Resp: 535234
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 5.6 8.4

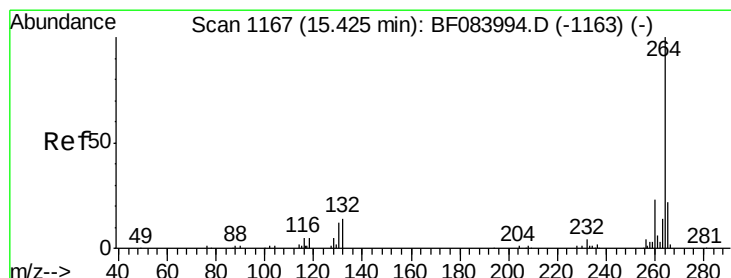
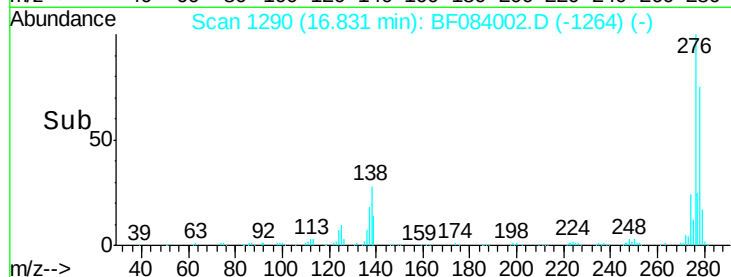
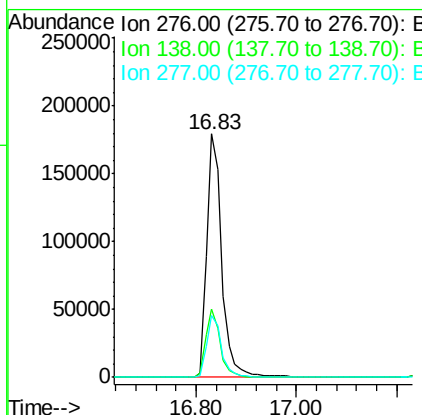
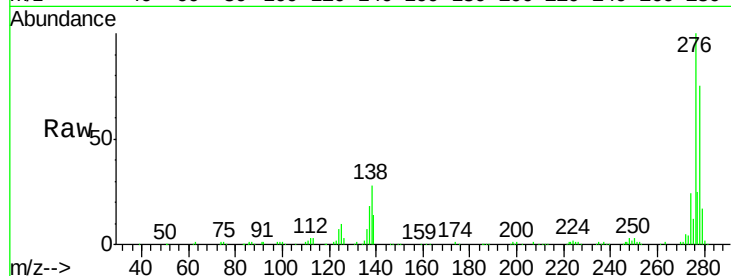




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.02 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

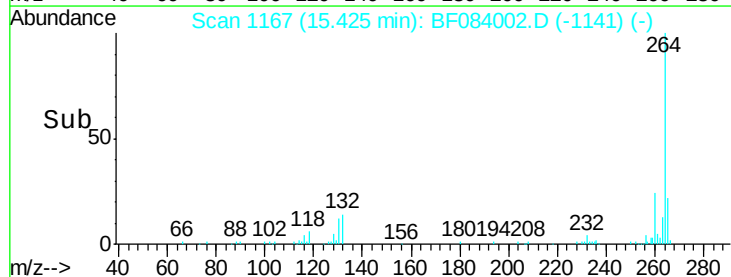
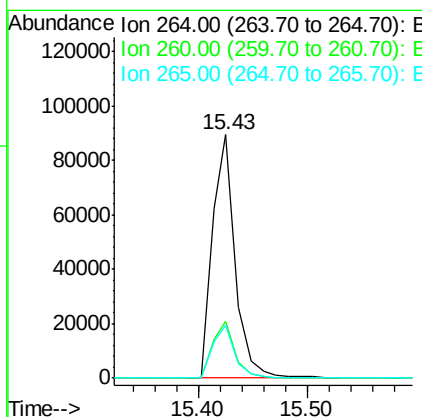
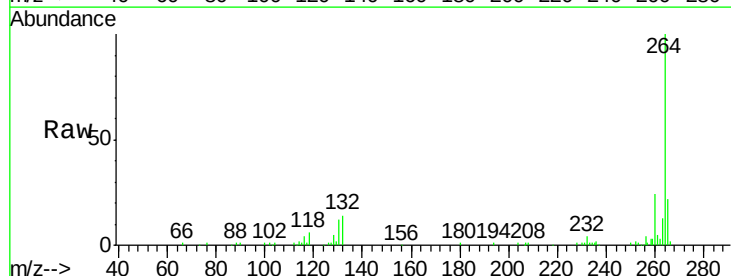
Instrument :
 BNA_F
 ClientSampleId :

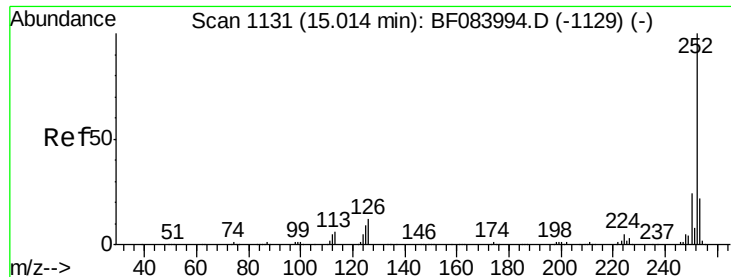
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.6	30.8
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084002.D
 Acq: 22 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.0	17.8	26.6

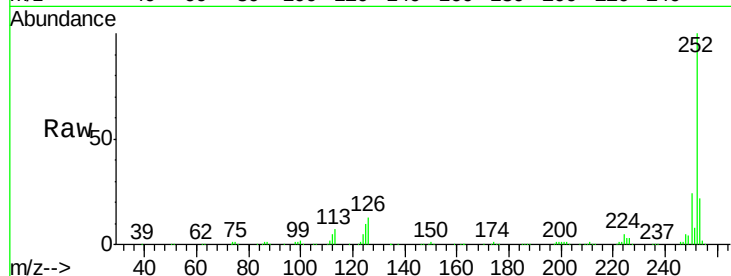




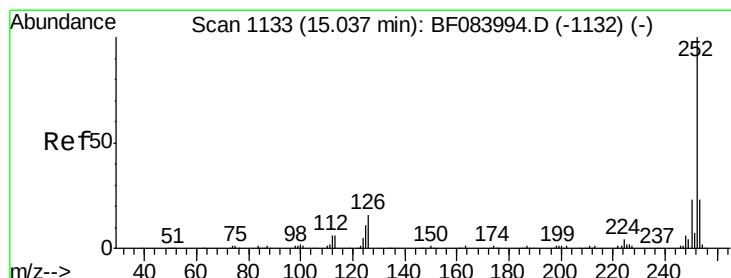
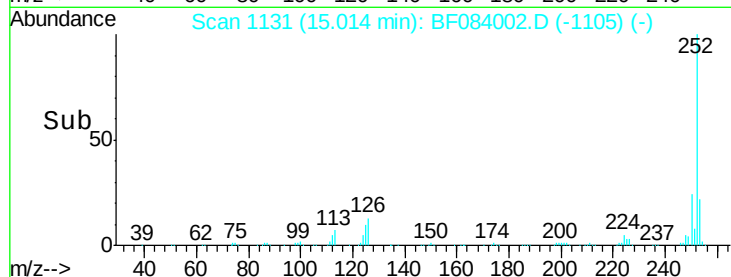
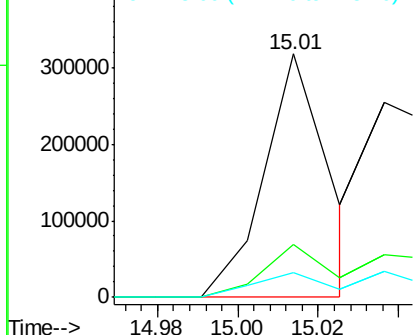
#87
Benzo(b)fluoranthene
Concen: 42.83 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 351780
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.2 6.5 9.7#

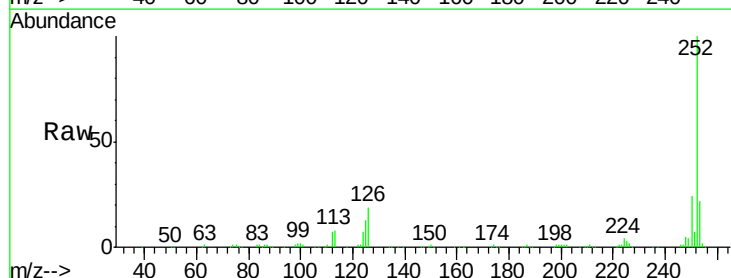


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

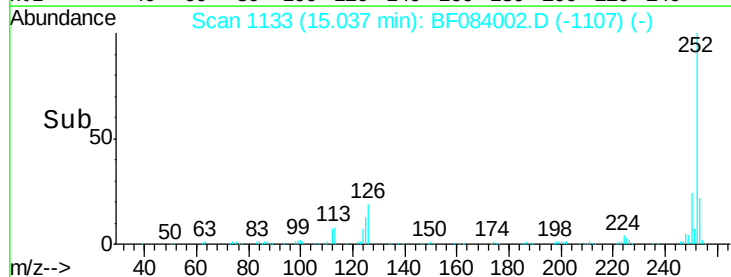
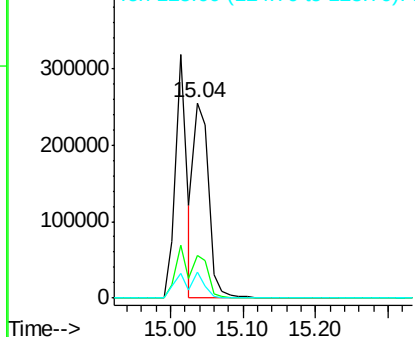


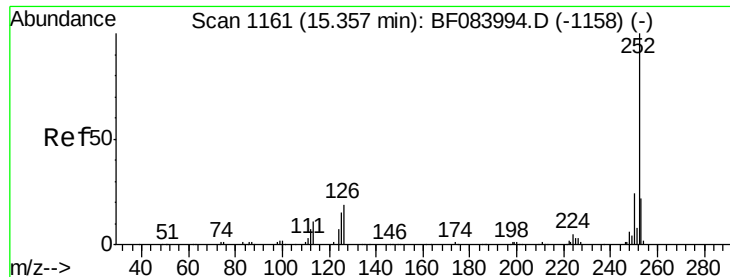
#88
Benzo(k)fluoranthene
Concen: 47.06 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF084002.D
Acq: 22 Dec 2015 21:44

Tgt Ion:252 Resp: 367549
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.4 9.0 13.6



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





#89

Benzo(a)pyrene

Concen: 45.16 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF084002.D

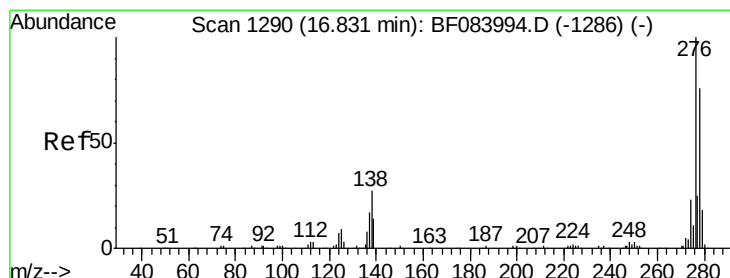
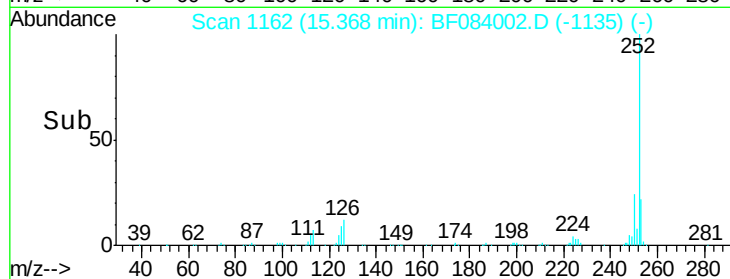
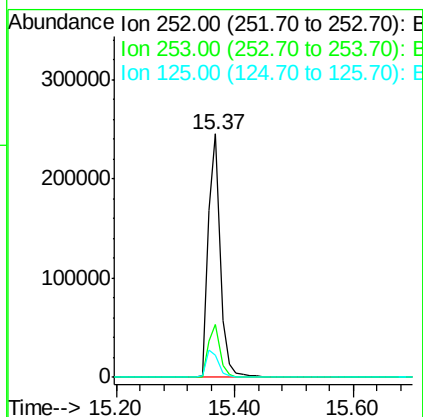
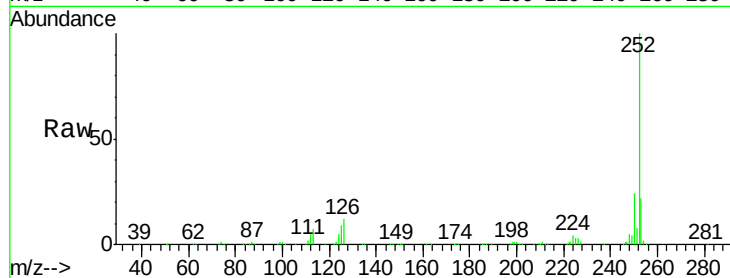
Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	252	Resp:	343543
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.2	7.0	10.4



#90

Dibenzo(a,h)anthracene

Concen: 49.61 ng

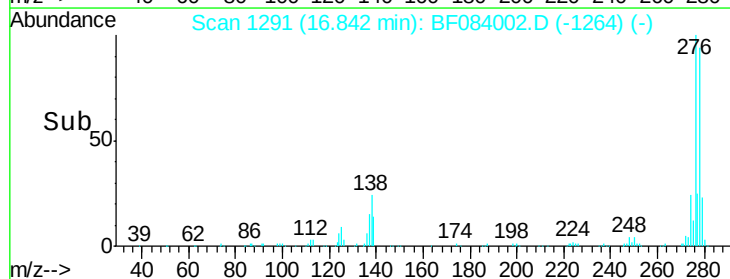
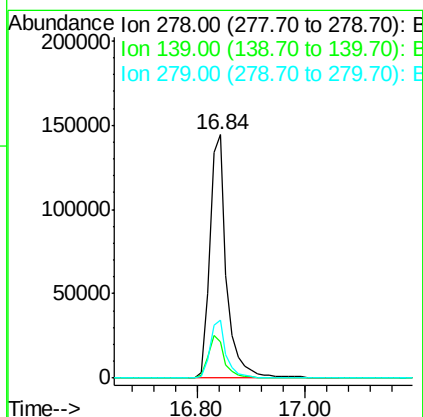
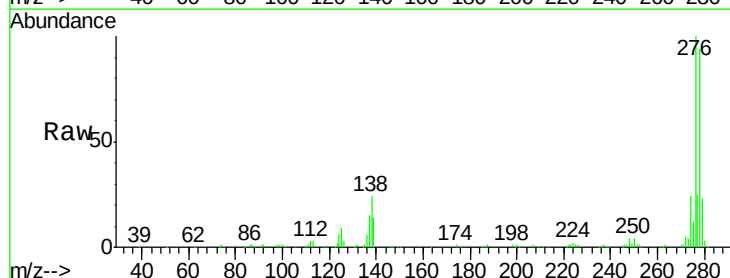
RT: 16.84 min Scan# 1291

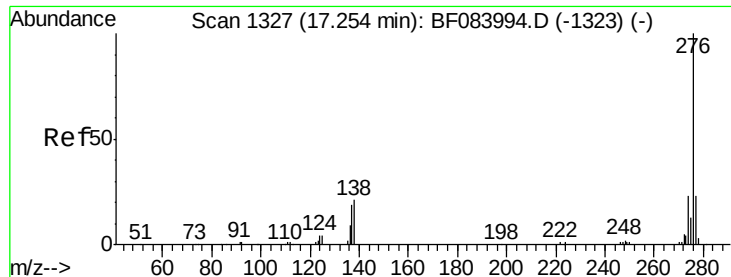
Delta R.T. 0.01 min

Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Tgt Ion:	278	Resp:	312737
Ion	Ratio	Lower	Upper
278	100		
139	14.8	15.0	22.4#
279	24.0	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 47.91 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.00 min

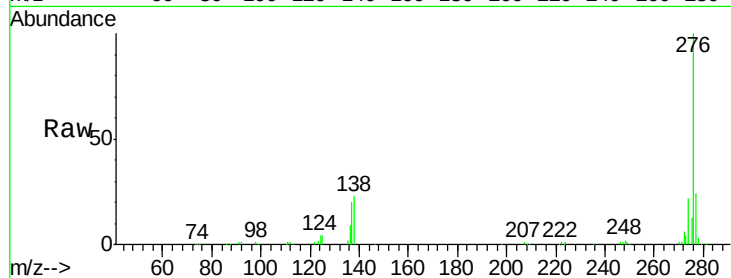
Lab File: BF084002.D

Acq: 22 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 276 Resp: 305490

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 23.1 17.8 26.6

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

