

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF083998.D
 Acq On : 22 Dec 2015 18:54
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Quant Time: Dec 23 01:04:58 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	51322	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	190273	20.00	ng	0.01
38) Acenaphthene-d10	9.87	164	104699	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	160170	20.00	ng	0.00
75) Chrysene-d12	14.00	240	116628	20.00	ng	0.00
86) Perylene-d12	15.43	264	110776	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	250393	83.19	ng	0.00
7) Phenol-d6	6.48	99	266229	75.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	257522	83.14	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	76614	76.08	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	546701	70.27	ng	0.00
78) Terphenyl-d14	12.93	244	413045	84.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	60786	42.42	ng	97
3) Pyridine	3.10	79	148300	45.46	ng	97
4) n-Nitrosodimethylamine	3.05	42	57886	47.75	ng	97
6) Aniline	6.49	93	184373	37.64	ng	# 54
8) 2-Chlorophenol	6.62	128	132520	38.23	ng	86
9) Benzaldehyde	6.37	77	91570	38.74	ng	92
10) Phenol	6.49	94	155418	37.96	ng	# 71
11) bis(2-Chloroethyl)ether	6.57	93	117801	37.65	ng	98
12) 1,3-Dichlorobenzene	6.77	146	145447	37.77	ng	98
13) 1,4-Dichlorobenzene	6.77	146	145447	38.68	ng	94
14) 1,2-Dichlorobenzene	7.00	146	142928	39.76	ng	99
15) Benzyl Alcohol	6.98	79	115981	41.62	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	121843	40.34	ng	97
17) 2-Methylphenol	7.09	107	102687	37.19	ng	95
18) Hexachloroethane	7.34	117	55578	40.30	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	83366	38.87	ng	99
20) 3+4-Methylphenols	7.25	107	132883	39.00	ng	# 60
22) Acetophenone	7.24	105	174498	39.09	ng	95
24) Nitrobenzene	7.41	77	127340	39.89	ng	97
25) Isophorone	7.65	82	221464	37.74	ng	99
26) 2-Nitrophenol	7.73	139	71407	41.57	ng	90
27) 2,4-Dimethylphenol	7.78	122	121549	40.59	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	154070	42.38	ng	98
29) 2,4-Dichlorophenol	7.98	162	105367	39.39	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	115221	41.29	ng	95
31) Naphthalene	8.13	128	377962	38.88	ng	99
32) Benzoic acid	7.90	122	51484	38.46	ng	93
33) 4-Chloroaniline	8.19	127	167376	42.11	ng	# 93
34) Hexachlorobutadiene	8.26	225	68803	41.25	ng	97
35) Caprolactam	8.56	113	30131	37.48	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	124568	43.53	ng	99
37) 2-Methylnaphthalene	8.83	142	268718	42.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	120285	38.22	ng	97
40) Hexachlorocyclopentadiene	8.99	237	29544	36.69	ng	98

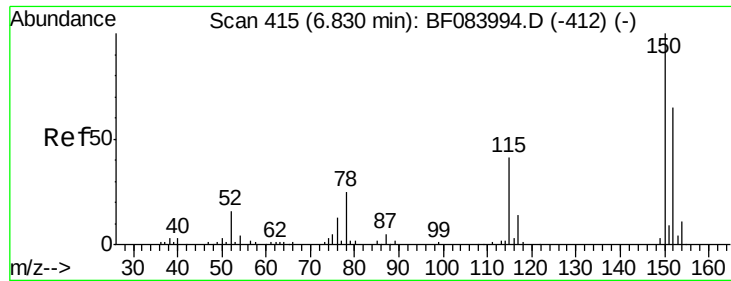
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	70146	37.01	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	71536	36.26	ng	98
45) 1,1'-Biphenyl	9.30	154	338364	36.56	ng	96
46) 2-Chloronaphthalene	9.32	162	249828	37.50	ng	94
47) 2-Nitroaniline	9.41	65	66263	36.48	ng	90
48) Acenaphthylene	9.73	152	418250	39.64	ng	99
49) Dimethylphthalate	9.60	163	297910	36.36	ng	# 91
50) 2,6-Dinitrotoluene	9.65	165	62118	35.93	ng	# 52
51) Acenaphthene	9.90	154	246190	39.24	ng	100
52) 3-Nitroaniline	9.82	138	70396	38.33	ng	93
53) 2,4-Dinitrophenol	9.94	184	25111	38.55	ng	# 87
54) Dibenzofuran	10.08	168	384464	40.94	ng	94
55) 4-Nitrophenol	10.01	139	40348	37.39	ng	89
56) 2,4-Dinitrotoluene	10.06	165	92694	42.64	ng	94
57) Fluorene	10.42	166	297816	40.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	69840	44.90	ng	89
59) Diethylphthalate	10.29	149	310565	38.57	ng	96
60) 4-Chlorophenyl-phenylether	10.41	204	124912	36.64	ng	# 84
61) 4-Nitroaniline	10.44	138	79708	42.42	ng	89
62) Azobenzene	10.57	77	266361	37.47	ng	91
64) 4,6-Dinitro-2-methylphenol	10.48	198	44657	47.70	ng	98
65) n-Nitrosodiphenylamine	10.53	169	262722	44.41	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	82280	44.80	ng	# 82
67) Hexachlorobenzene	10.97	284	72457	36.14	ng	# 72
68) Atrazine	11.06	200	74205	41.49	ng	97
69) Pentachlorophenol	11.17	266	23197	35.80	ng	97
70) Phenanthrene	11.38	178	374756	41.40	ng	99
71) Anthracene	11.44	178	362715	39.45	ng	98
72) Carbazole	11.58	167	340187	39.57	ng	100
73) Di-n-butylphthalate	11.92	149	436208	40.87	ng	# 98
74) Fluoranthene	12.57	202	388181	43.24	ng	96
76) Benzidine	12.68	184	202949	48.79	ng	99
77) Pyrene	12.80	202	348465	44.04	ng	99
79) Butylbenzylphthalate	13.41	149	165088	45.36	ng	# 80
80) Benzo(a)anthracene	13.99	228	273969	40.74	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	99370	39.29	ng	# 97
82) Chrysene	14.02	228	235232	37.68	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	217535	43.10	ng	# 98
84) Di-n-octyl phthalate	14.58	149	363152	46.79	ng	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	257361	49.83	ng	100
87) Benzo(b)fluoranthene	15.01	252	473774	67.84	ng	# 98
88) Benzo(k)fluoranthene	15.01	252	473774	71.33	ng	98
89) Benzo(a)pyrene	15.37	252	253273	39.16	ng	# 98
90) Dibenzo(a,h)anthracene	16.84	278	213077	39.75	ng	# 96
91) Benzo(g,h,i)perylene	17.25	276	244936	45.18	ng	98

(#) = 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

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ICVBF122215

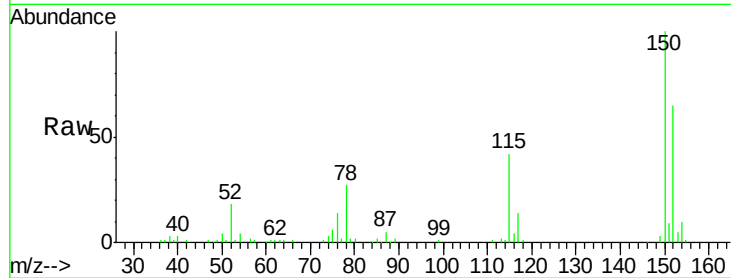
Tgt Ion:152 Resp: 51322

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

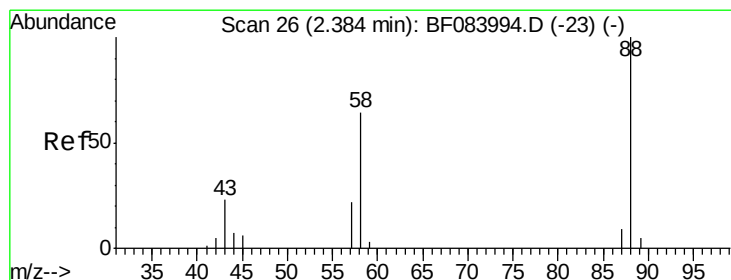
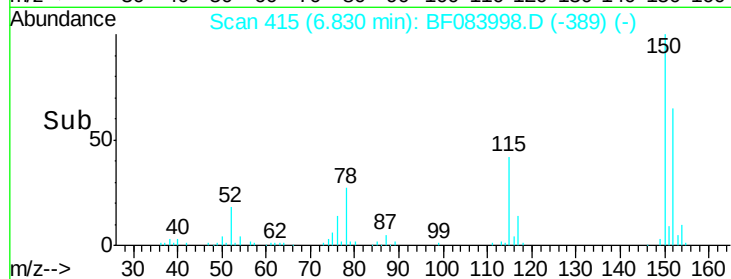
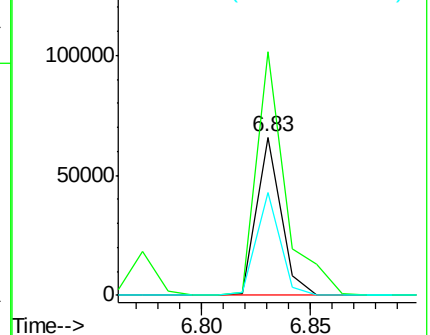
115 65.5 51.4 77.2



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: 42.42 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

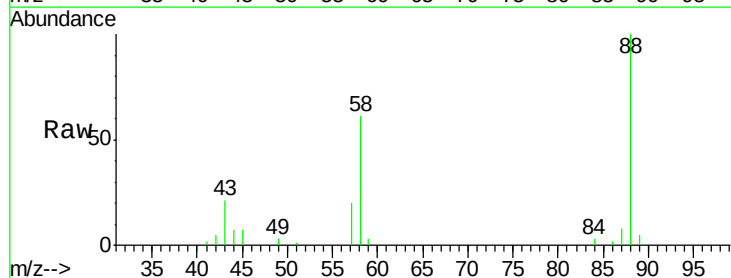
Tgt Ion: 88 Resp: 60786

Ion Ratio Lower Upper

88 100

58 61.6 51.2 76.8

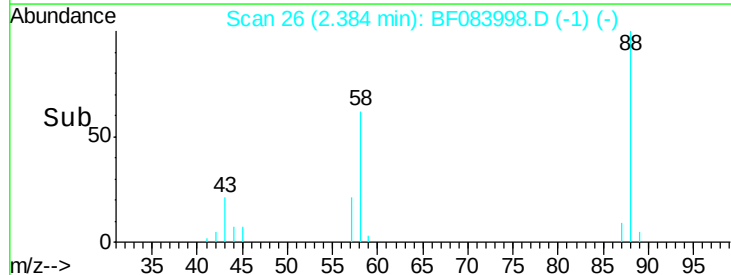
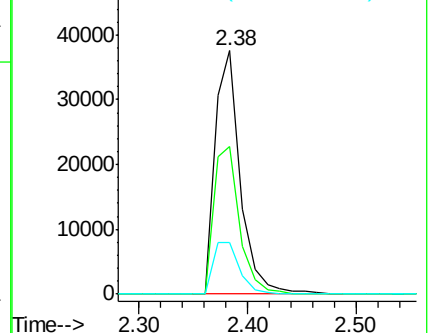
43 22.2 19.5 29.3

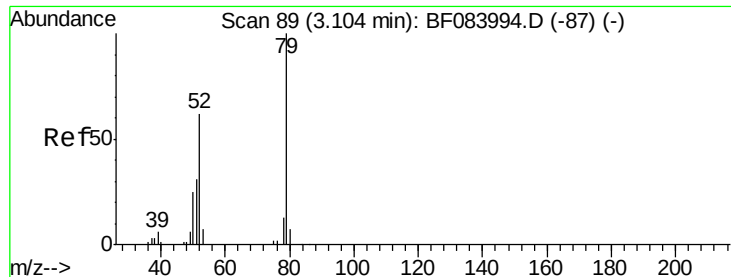


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

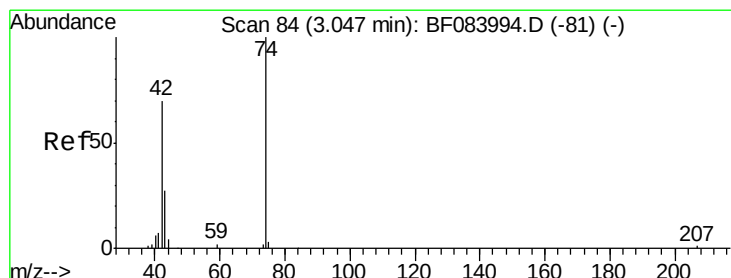
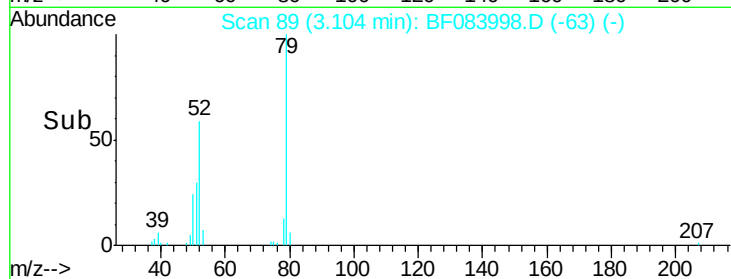
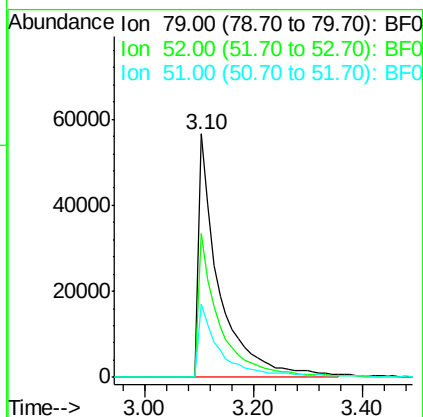
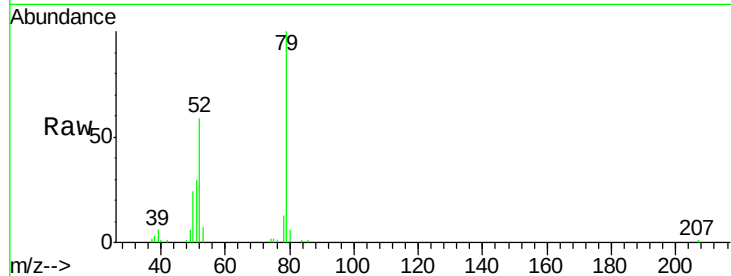




#3
 Pyridine
 Concen: 45.46 ng
 RT: 3.10 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

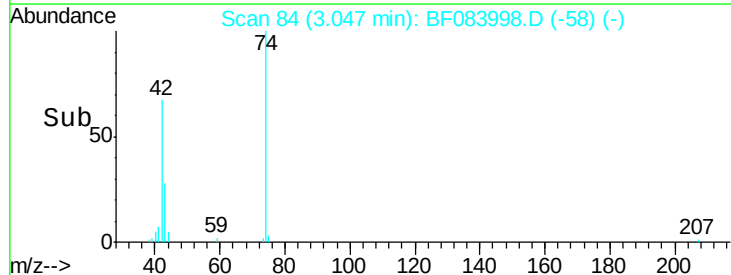
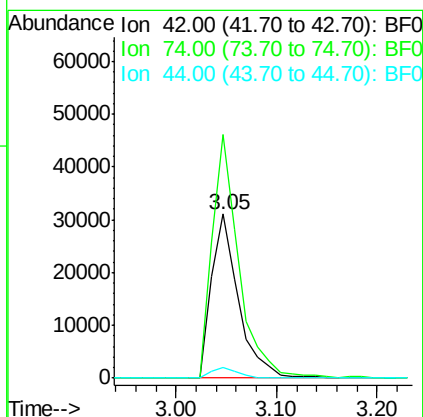
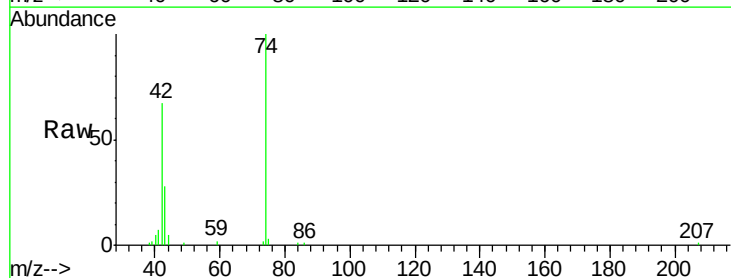
Instrument :
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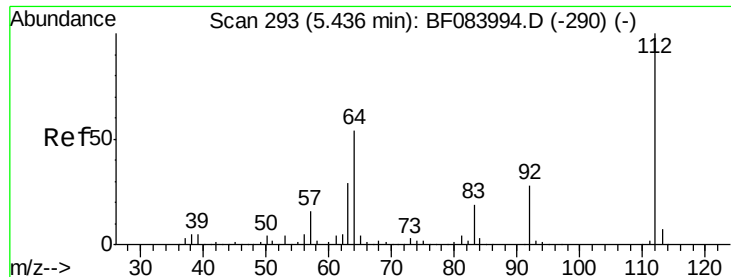
Tgt Ion: 79 Resp: 148300
 Ion Ratio Lower Upper
 79 100
 52 58.9 49.0 73.4
 51 30.3 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 47.75 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion: 42 Resp: 57886
 Ion Ratio Lower Upper
 42 100
 74 148.6 115.7 173.5
 44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 83.19 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

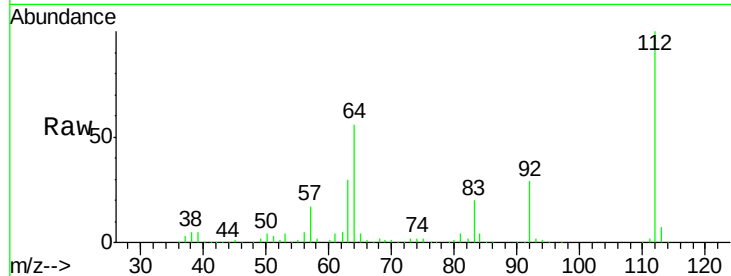
Tgt Ion: 112 Resp: 250393

Ion Ratio Lower Upper

112 100

64 55.9 36.6 55.0#

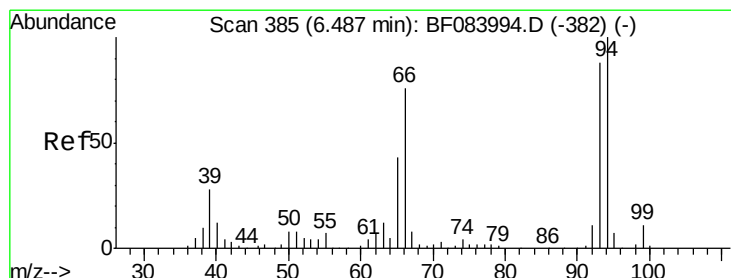
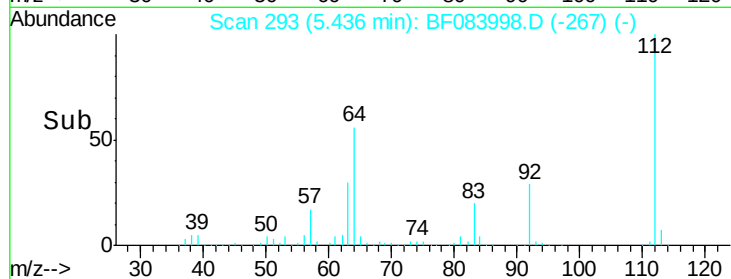
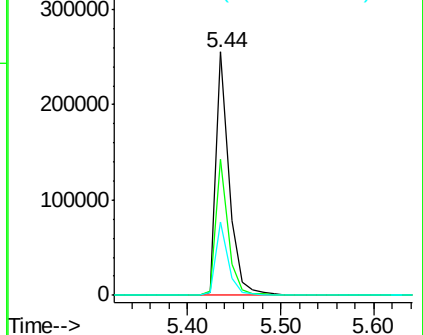
63 30.0 19.4 29.0#



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: 37.64 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

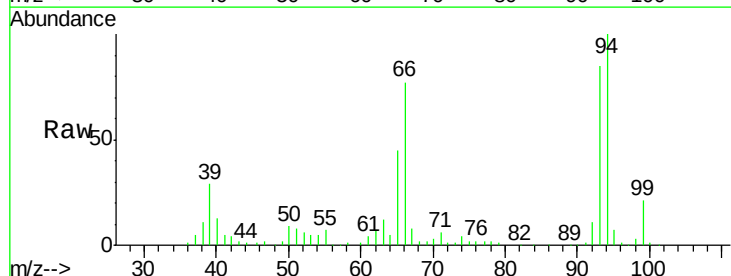
Tgt Ion: 93 Resp: 184373

Ion Ratio Lower Upper

93 100

66 90.5 44.9 67.3#

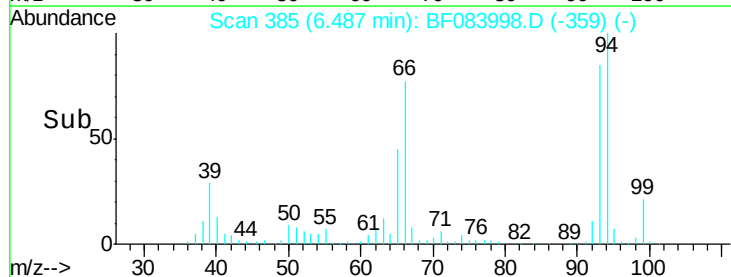
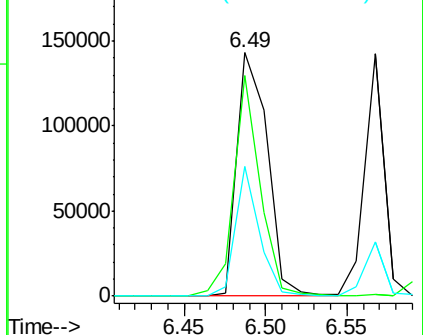
65 53.1 23.7 35.5#

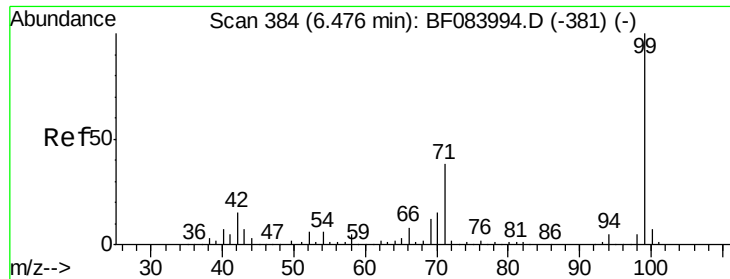


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.22 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

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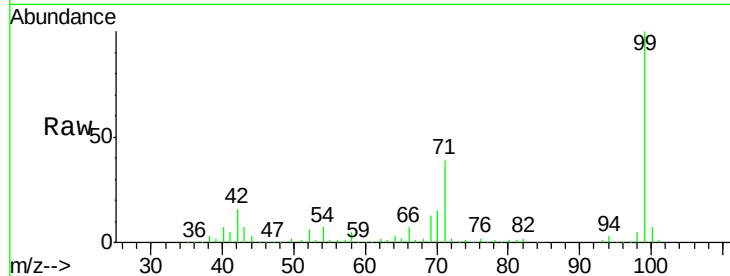
Tgt Ion: 99 Resp: 266229

Ion Ratio Lower Upper

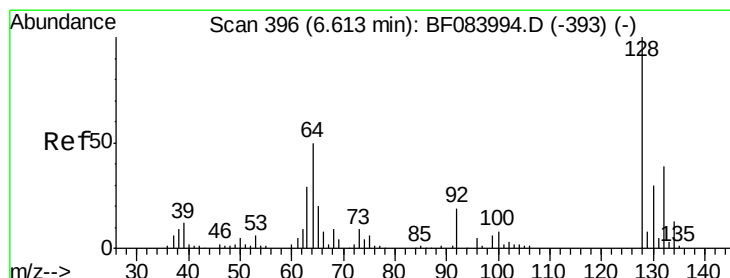
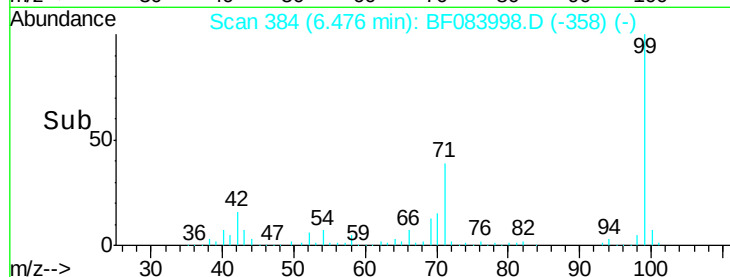
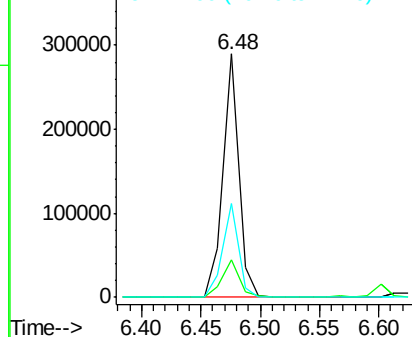
99 100

42 15.7 12.8 19.2

71 38.5 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: 38.23 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

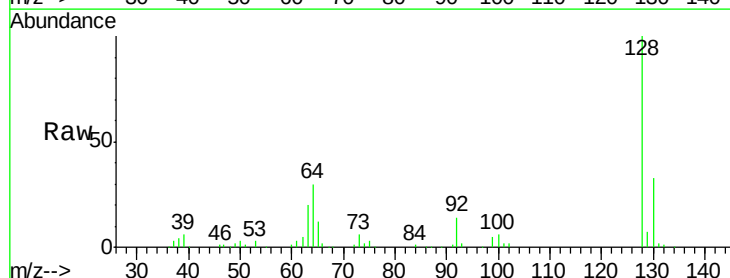
Tgt Ion: 128 Resp: 132520

Ion Ratio Lower Upper

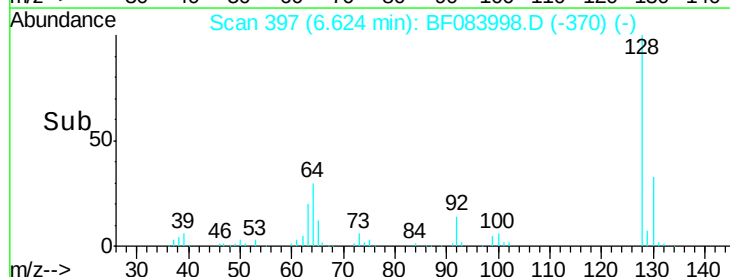
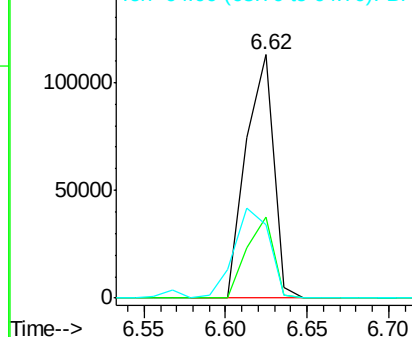
128 100

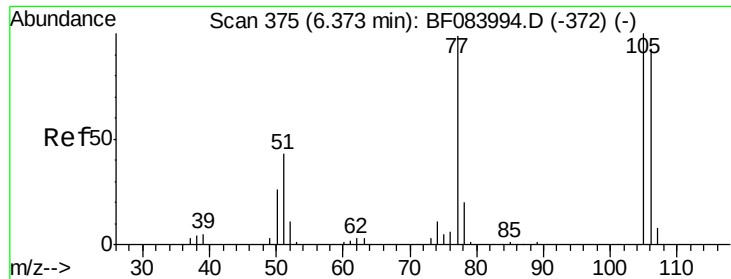
130 33.3 11.6 51.6

64 30.0 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

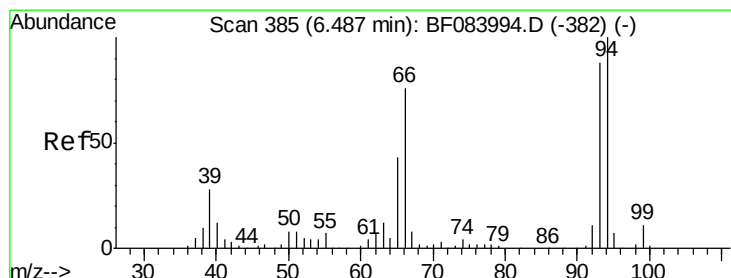
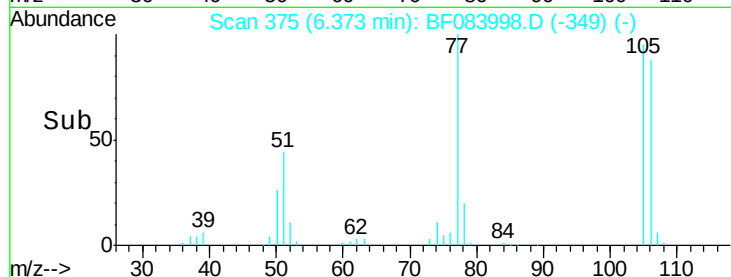
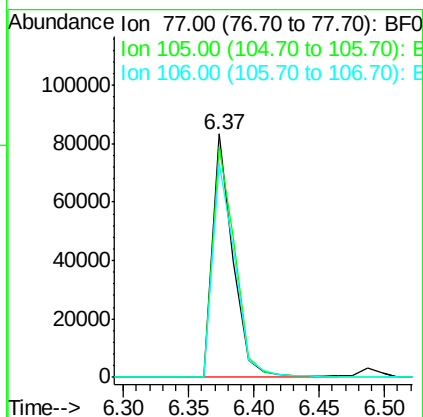
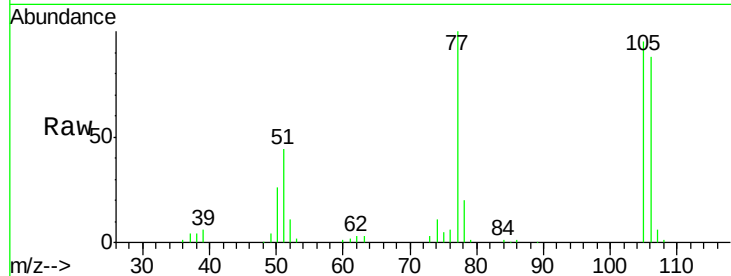




#9
Benzaldehyde
Concen: 38.74 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

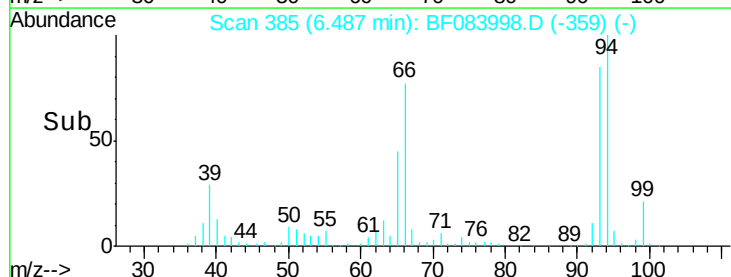
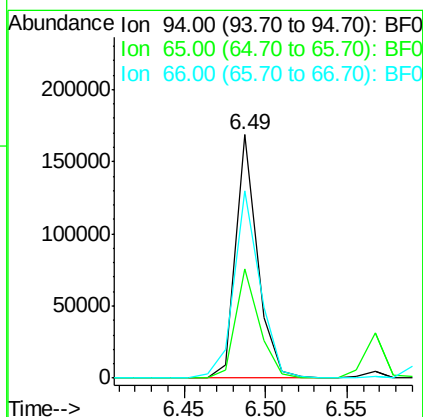
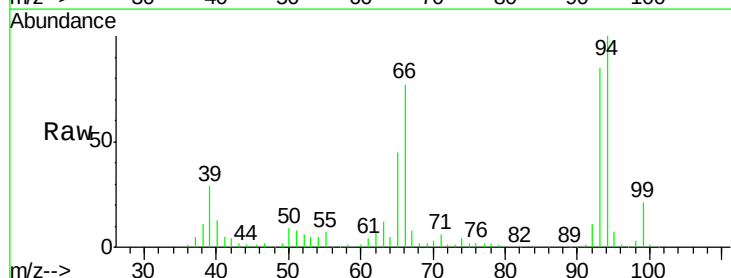
Instrument :
BNA_F
ClientSampleId :
ICVBF122215

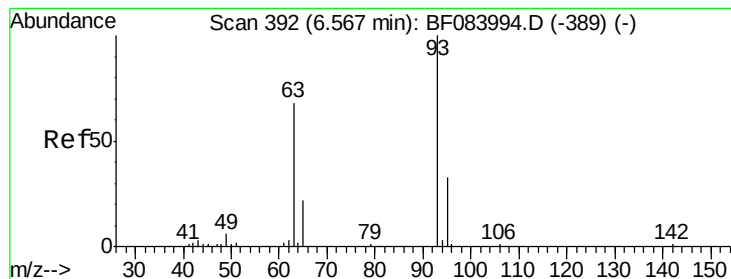
Tgt Ion: 77 Resp: 91570
Ion Ratio Lower Upper
77 100
105 94.8 83.0 123.0
106 87.9 74.6 114.6



#10
Phenol
Concen: 37.96 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion: 94 Resp: 155418
Ion Ratio Lower Upper
94 100
65 45.0 12.9 52.9
66 76.8 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 37.65 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

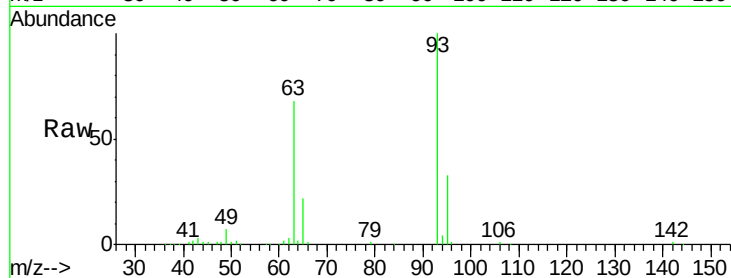
Tgt Ion: 93 Resp: 117801

Ion Ratio Lower Upper

93 100

63 67.7 45.9 85.9

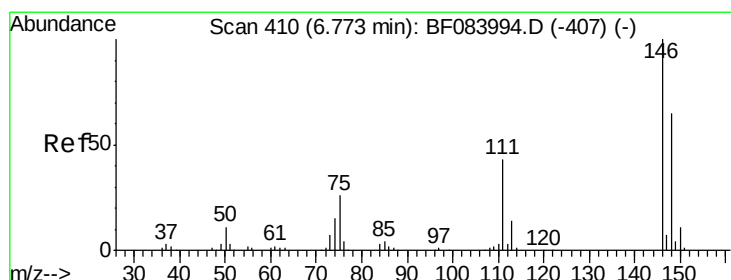
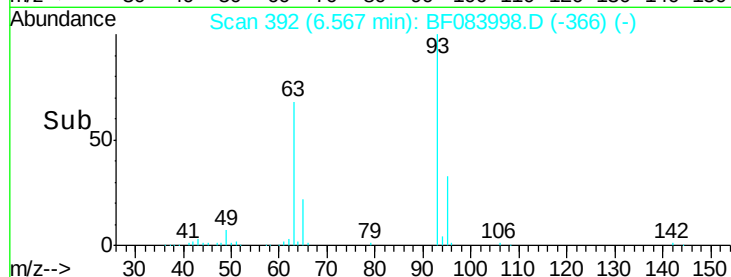
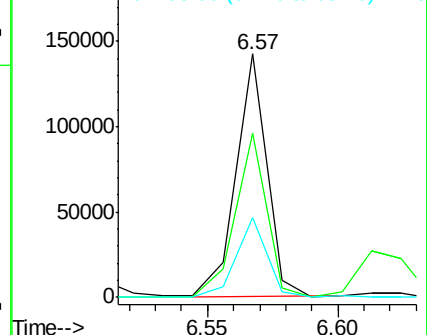
95 32.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.77 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

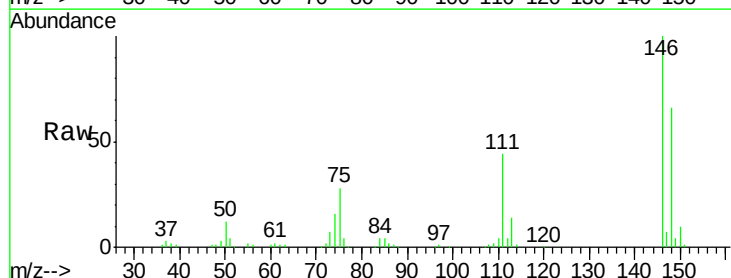
Tgt Ion: 146 Resp: 145447

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

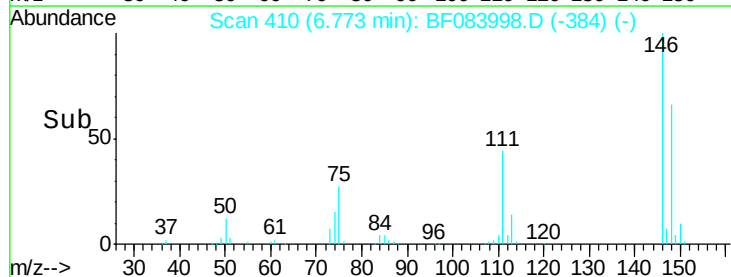
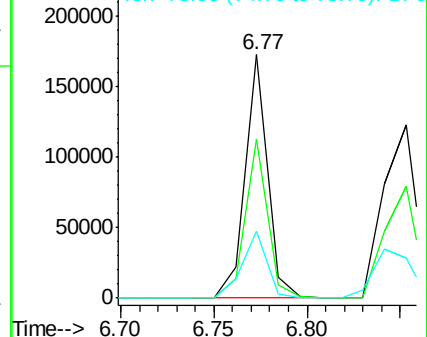
75 27.7 20.5 30.7

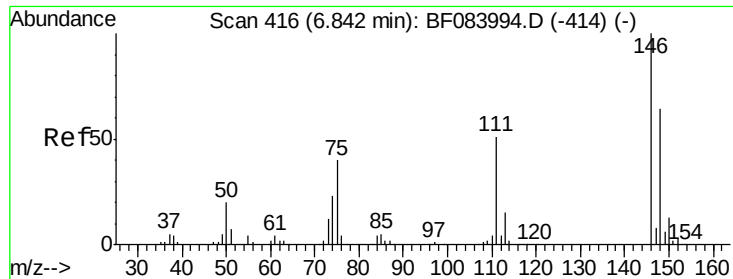


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

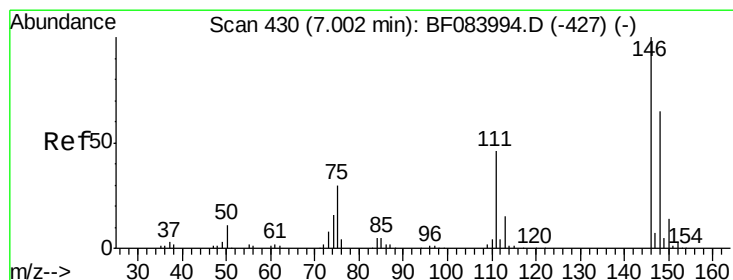
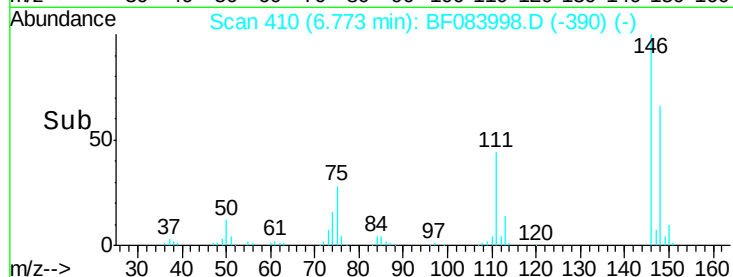
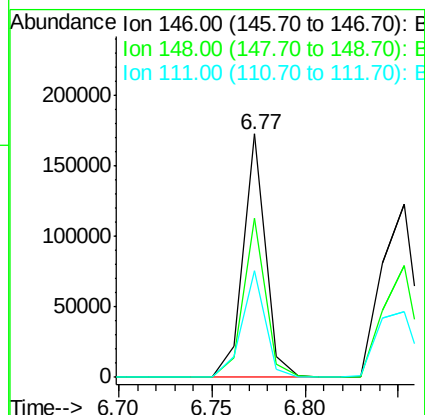
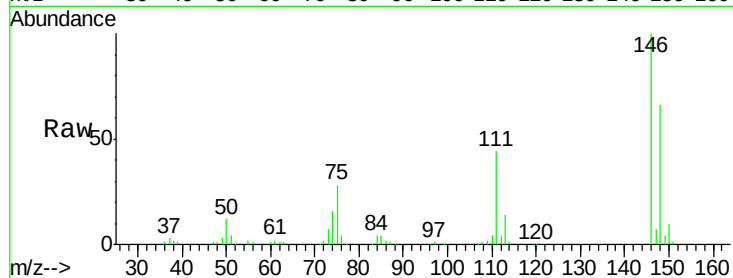




#13
 1,4-Dichlorobenzene
 Concen: 38.68 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.07 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

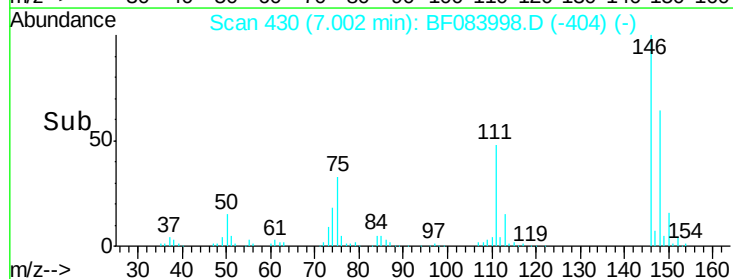
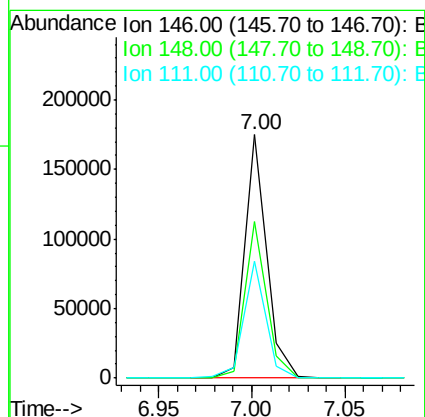
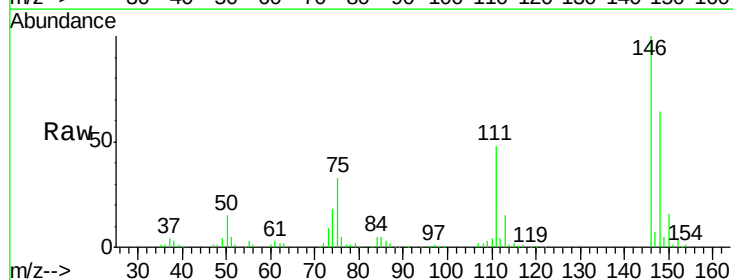
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

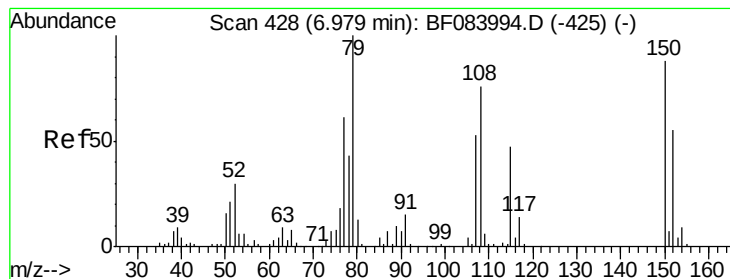
Tgt Ion:146 Resp: 145447
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.9 77.9
 111 43.8 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.76 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:146 Resp: 142928
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 47.9 38.0 57.0





#15

Benzyl Alcohol

Concen: 41.62 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

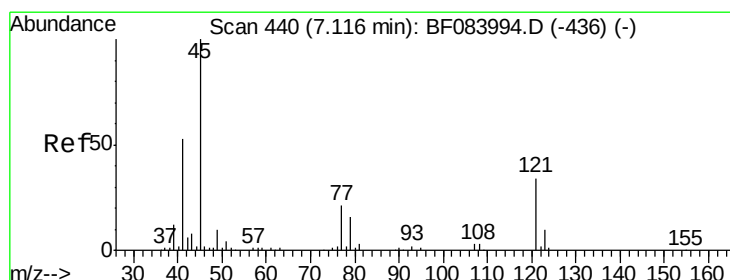
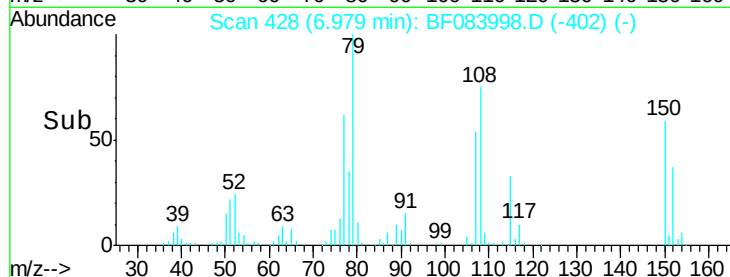
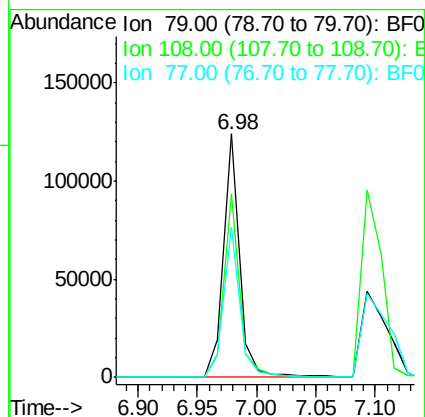
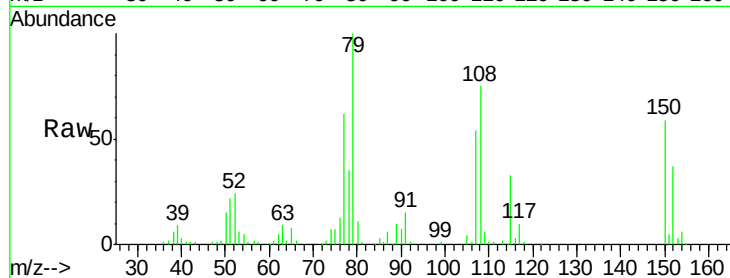
Tgt Ion: 79 Resp: 115981

Ion Ratio Lower Upper

79 100

108 75.1 69.0 103.4

77 61.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.34 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

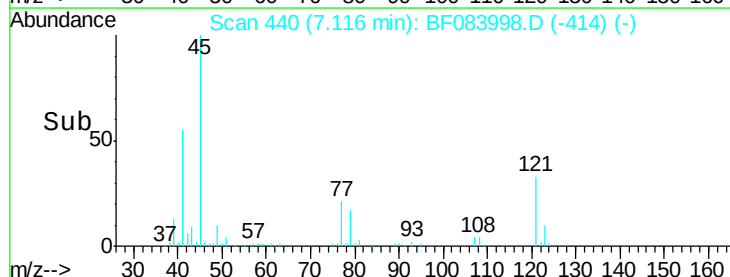
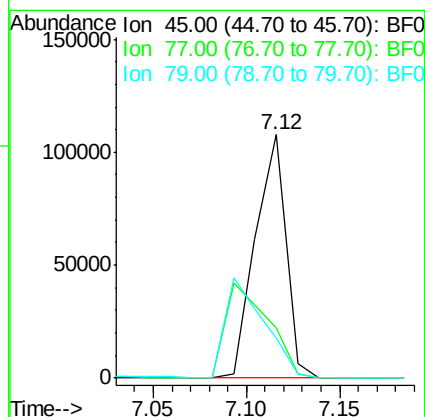
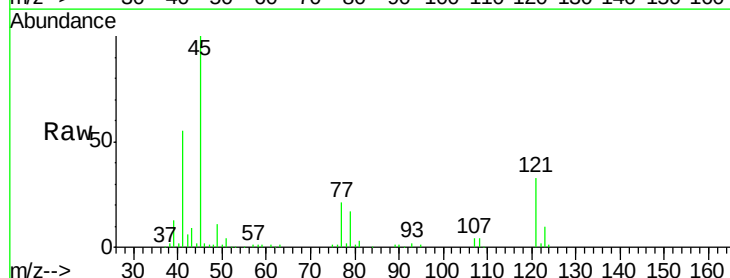
Tgt Ion: 45 Resp: 121843

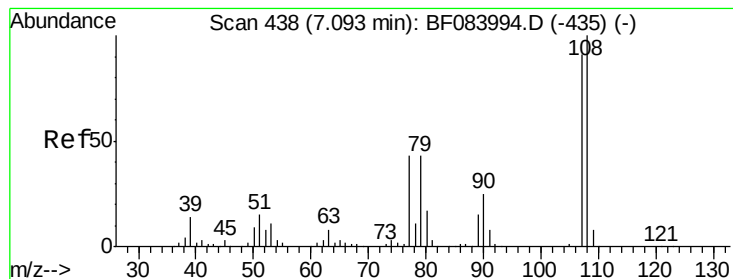
Ion Ratio Lower Upper

45 100

77 20.9 0.0 39.6

79 16.6 0.0 35.0

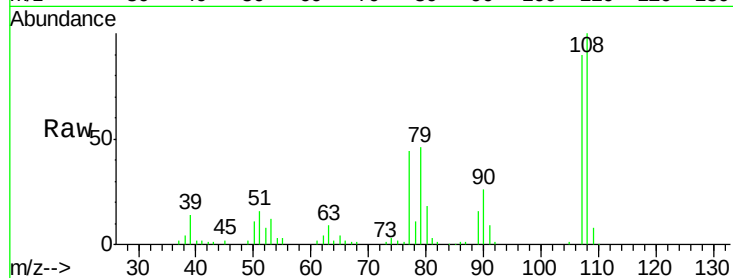




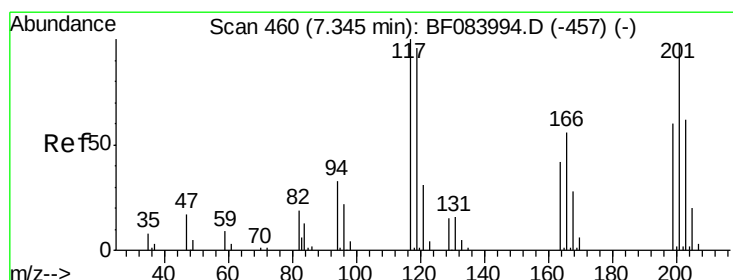
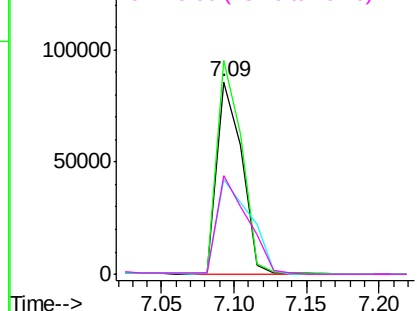
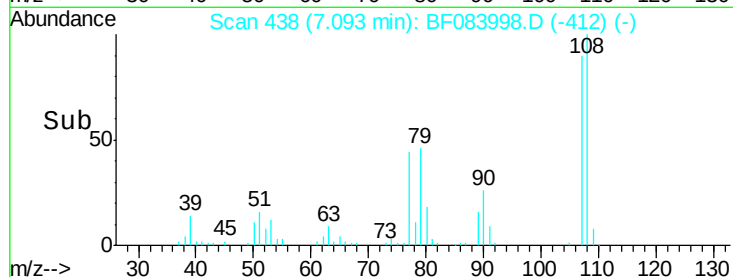
#17
 2-Methylphenol
 Concen: 37.19 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion:	107	Resp:	102687
Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.8	134.6
77	49.4	35.7	53.5
79	51.6	35.7	53.5

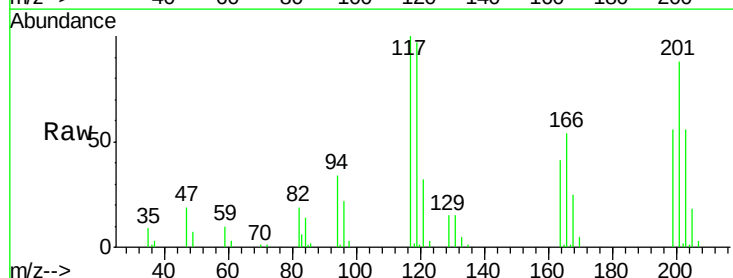


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

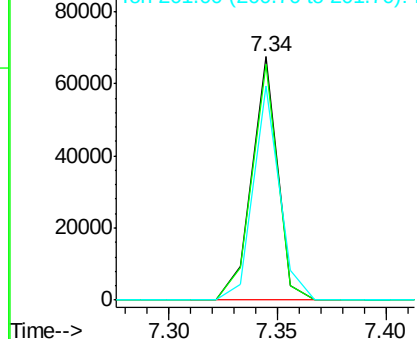
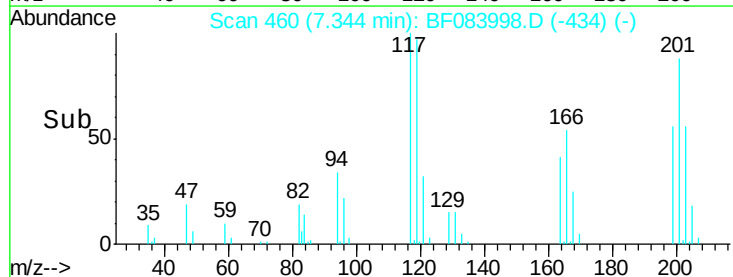


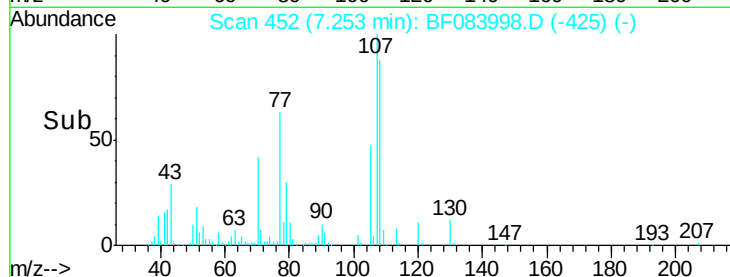
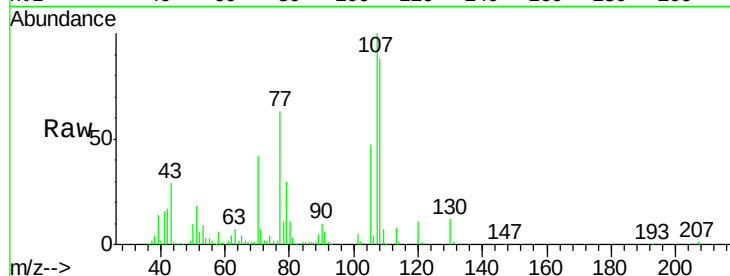
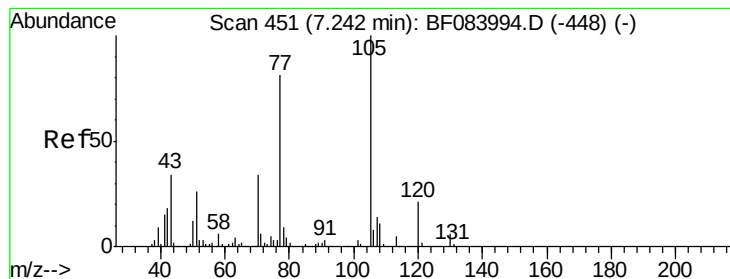
#18
 Hexachloroethane
 Concen: 40.30 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:	117	Resp:	55578
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	87.9	68.6	103.0



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.87 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

Tgt Ion: 70 Resp: 83366

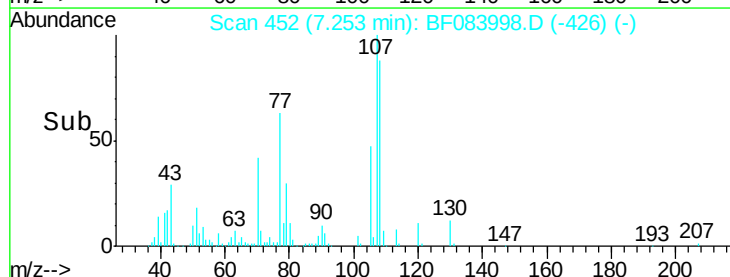
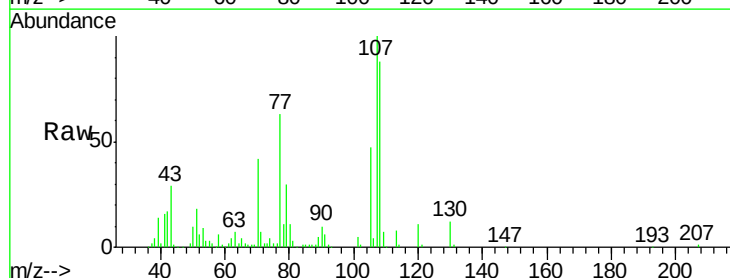
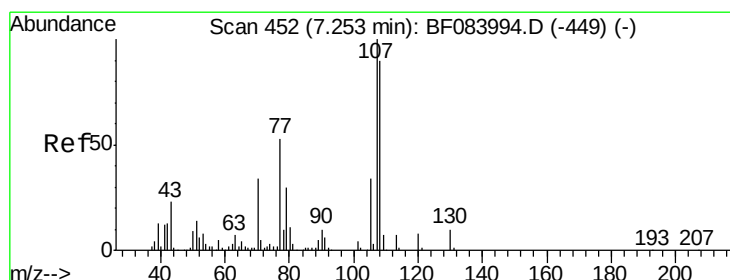
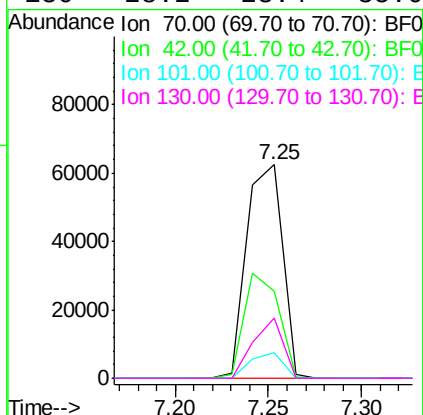
Ion Ratio Lower Upper

70 100

42 40.8 33.3 49.9

101 11.8 9.3 13.9

130 28.2 23.4 35.0



#20

3+4-Methylphenols

Concen: 39.00 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Tgt Ion: 107 Resp: 132883

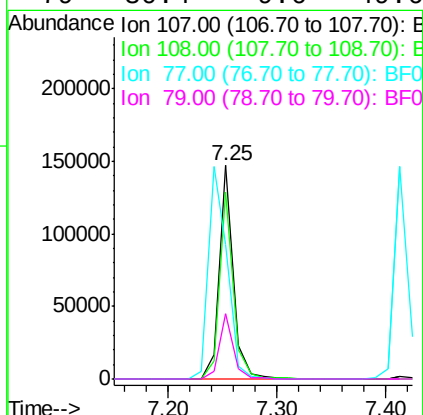
Ion Ratio Lower Upper

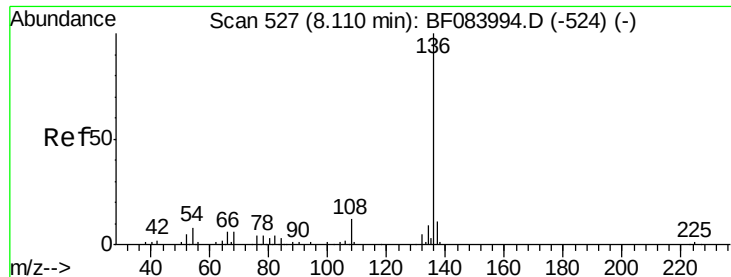
107 100

108 87.7 64.1 104.1

77 63.0 128.9 168.9#

79 30.4 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

Tgt Ion:136 Resp: 190273

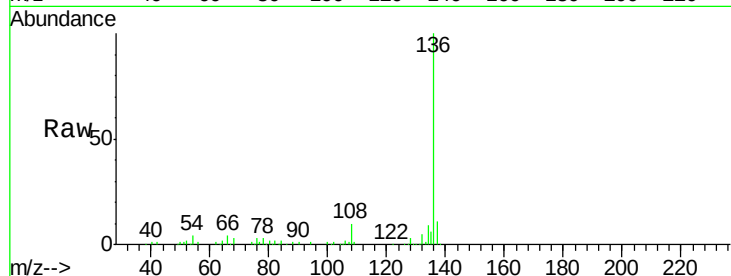
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 4.1 5.8 8.8#

68 3.4 4.2 6.2#

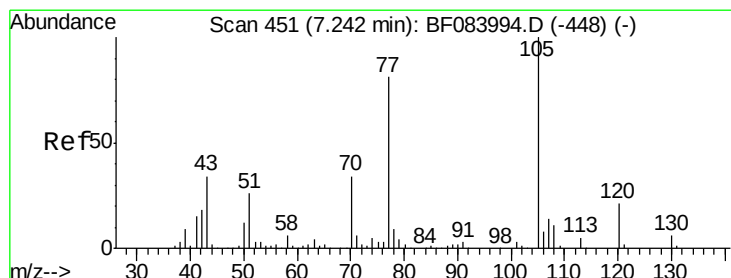
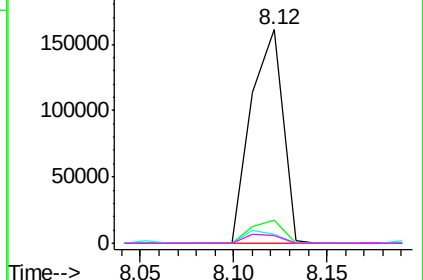
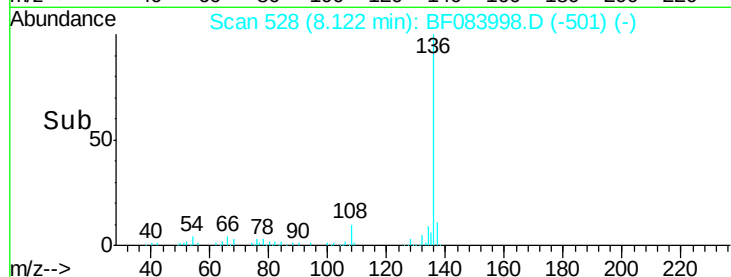


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.09 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Tgt Ion:105 Resp: 174498

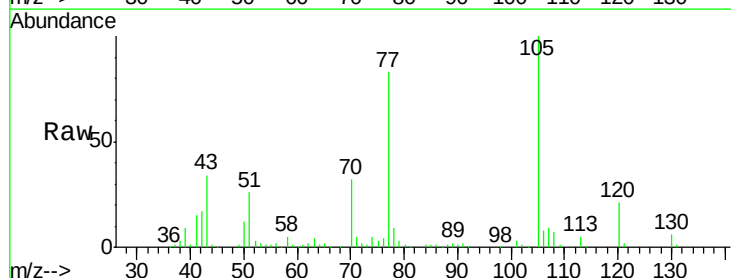
Ion Ratio Lower Upper

105 100

71 5.2 3.7 5.5

51 26.5 25.1 37.7

120 20.8 16.6 25.0

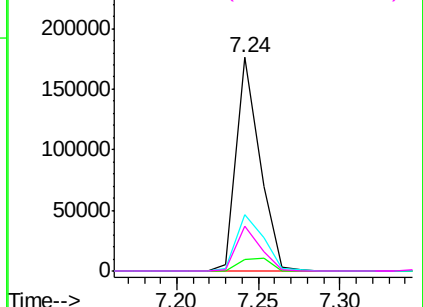
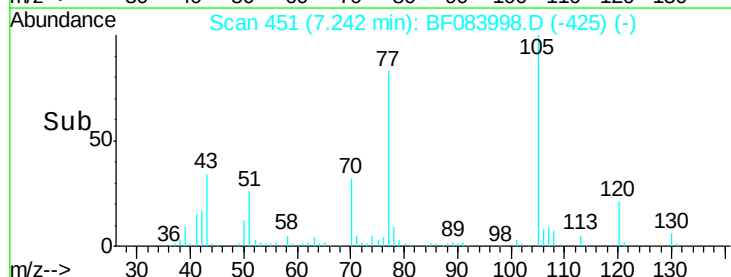


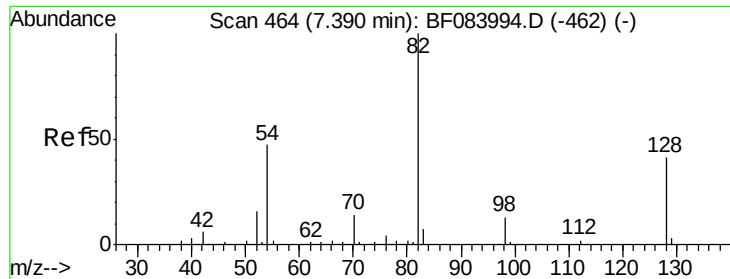
Abundance Ion 105.00 (104.70 to 105.70): E

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

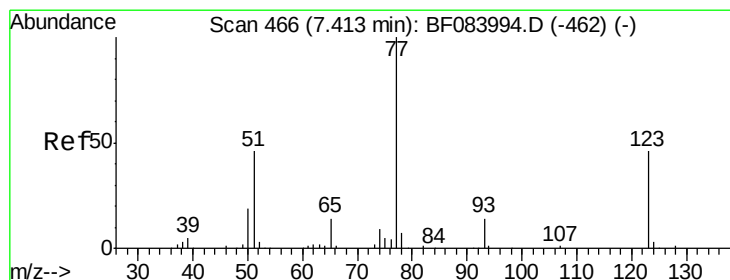
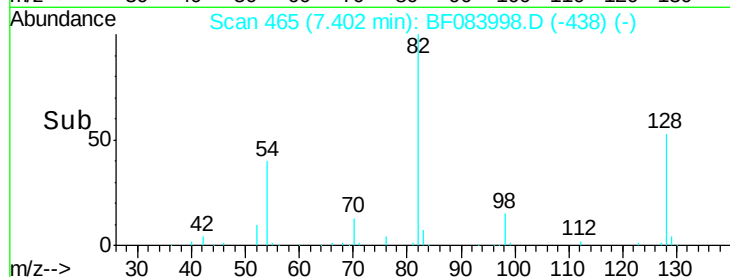
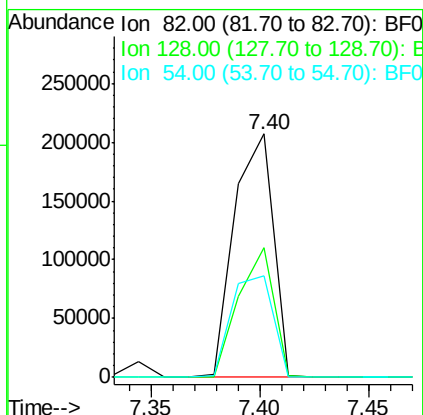
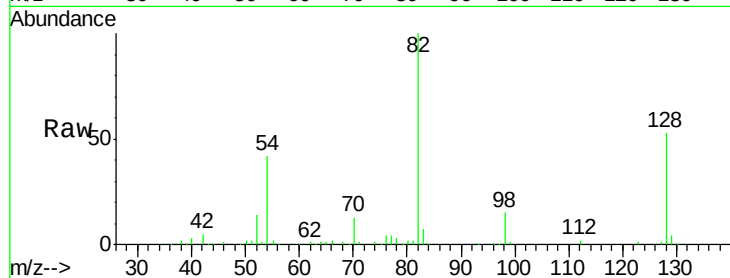




#23
 Nitrobenzene-d5
 Concen: 83.14 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

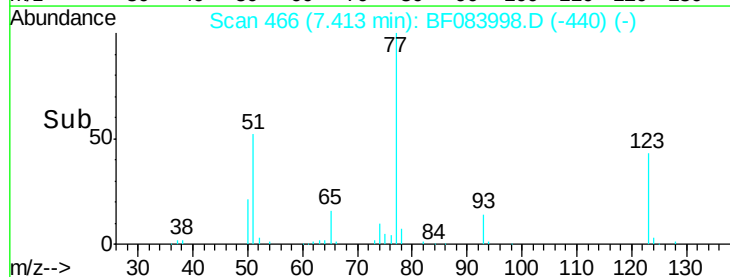
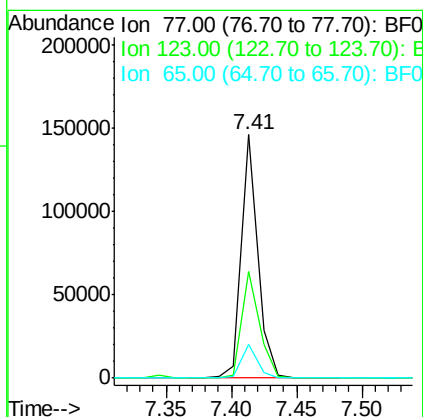
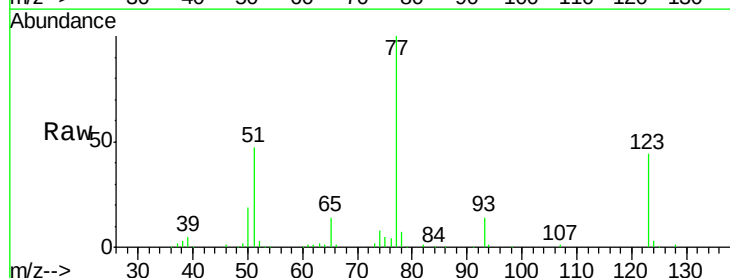
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

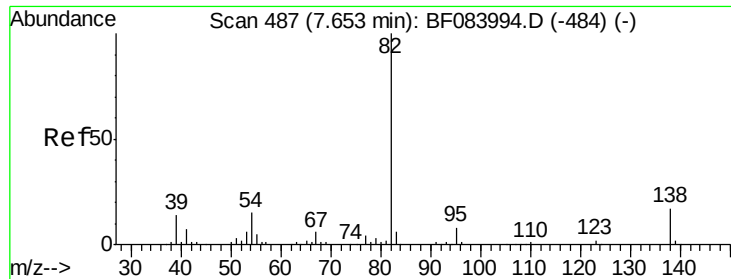
Tgt Ion: 82 Resp: 257522
 Ion Ratio Lower Upper
 82 100
 128 53.1 34.6 51.8#
 54 41.8 38.4 57.6



#24
 Nitrobenzene
 Concen: 39.89 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion: 77 Resp: 127340
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.4 56.2
 65 13.8 10.9 16.3





#25

Isophorone

Concen: 37.74 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

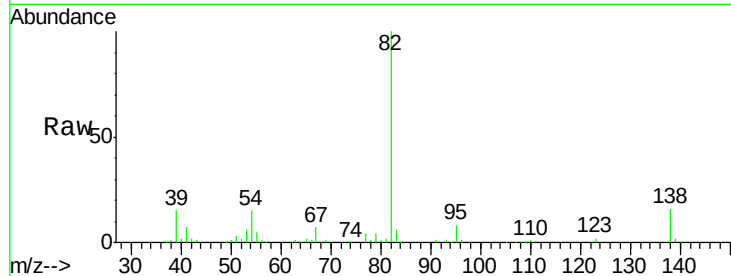
Tgt Ion: 82 Resp: 221464

Ion Ratio Lower Upper

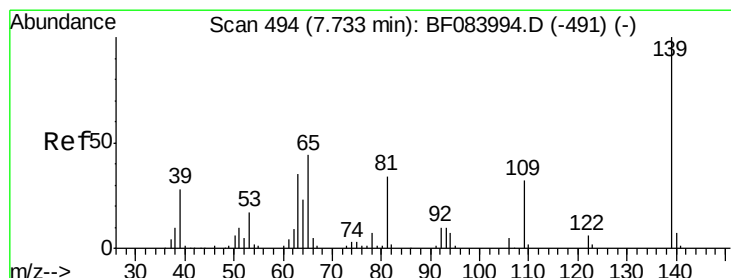
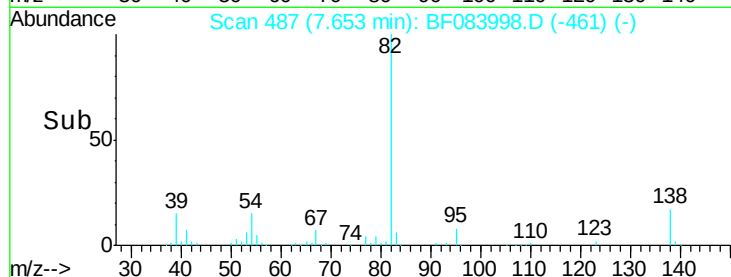
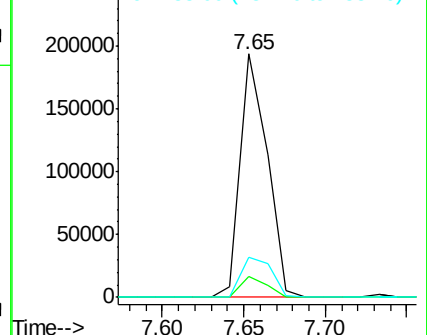
82 100

95 8.4 6.6 10.0

138 16.5 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: 41.57 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

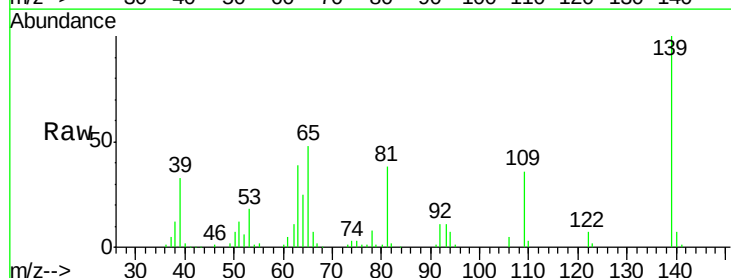
Tgt Ion: 139 Resp: 71407

Ion Ratio Lower Upper

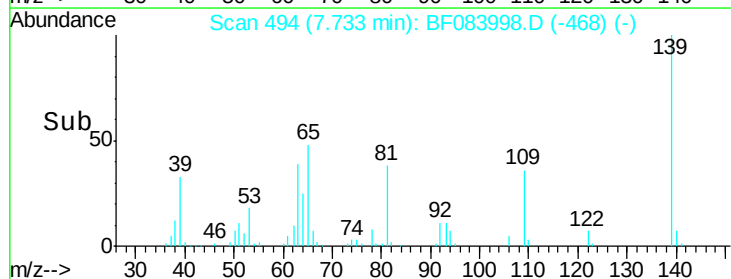
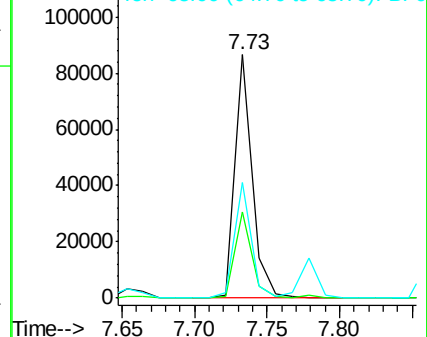
139 100

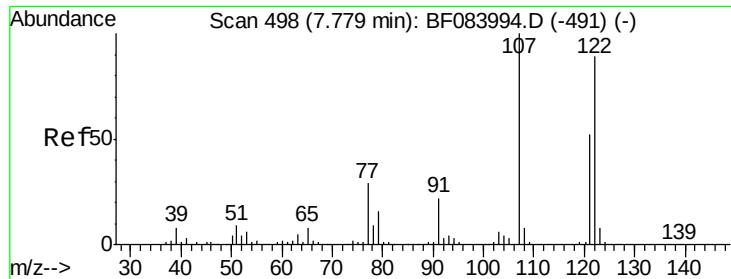
109 35.6 25.4 38.2

65 47.7 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

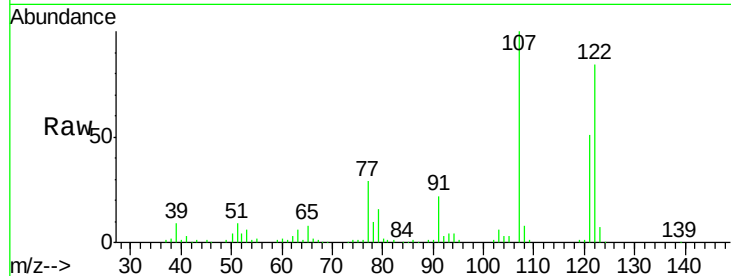




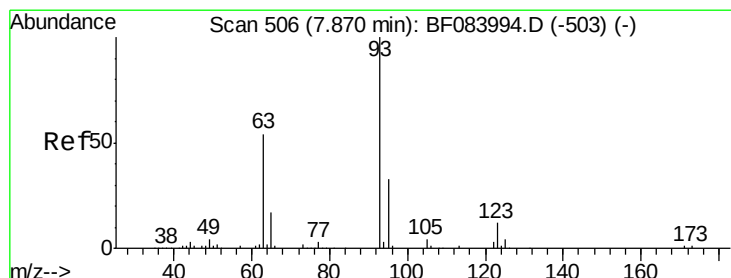
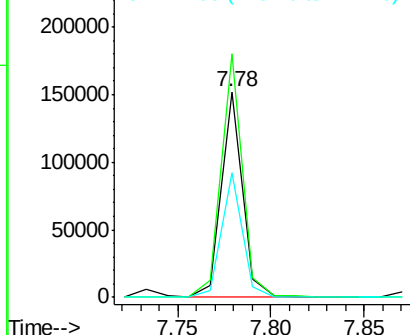
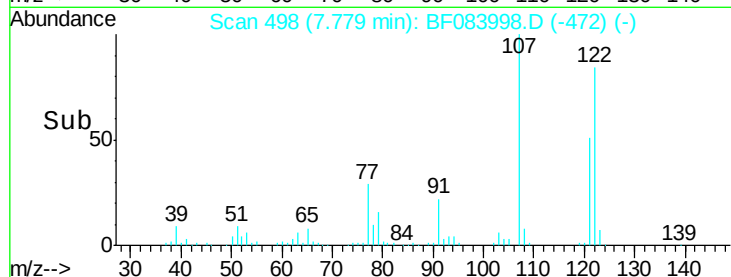
#27
 2,4-Dimethylphenol
 Concen: 40.59 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion: 122 Resp: 121549
 Ion Ratio Lower Upper
 122 100
 107 118.4 99.1 148.7
 121 60.6 47.9 71.9

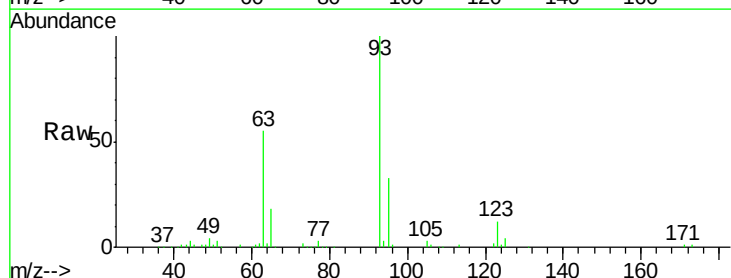


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

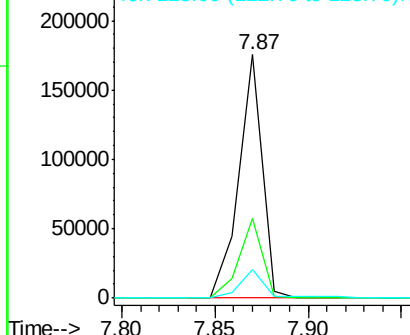
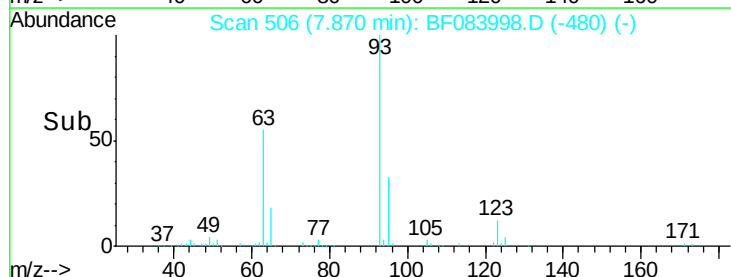


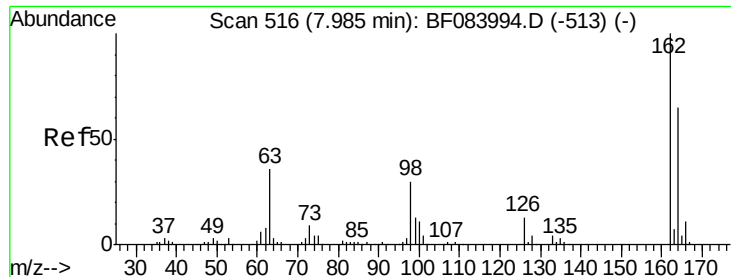
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.38 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion: 93 Resp: 154070
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.8 38.6
 123 11.8 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

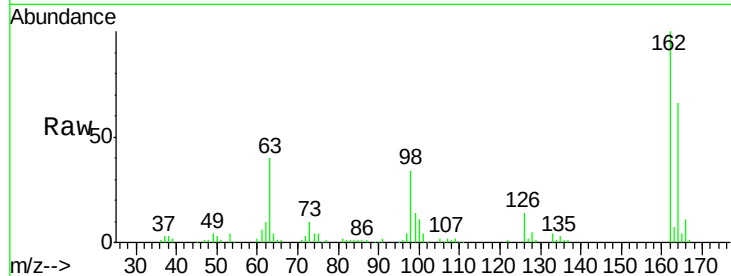




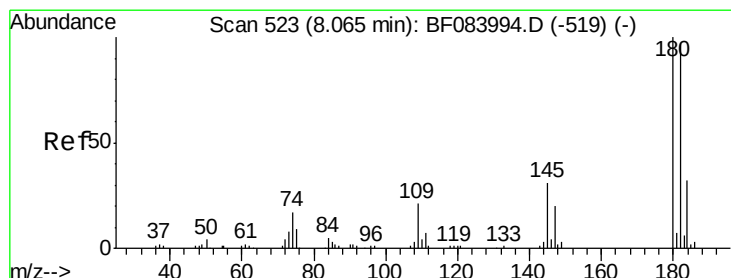
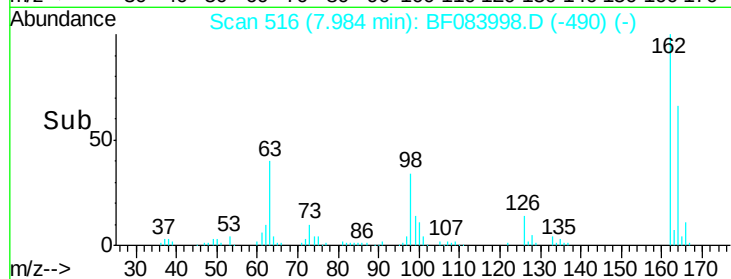
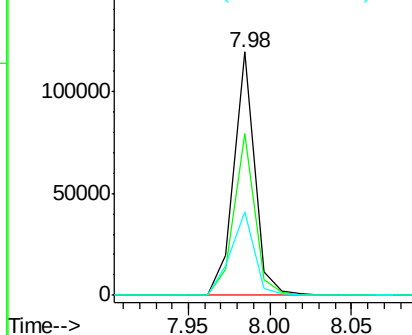
#29
 2,4-Dichlorophenol
 Concen: 39.39 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.1	84.1
98	34.5	20.2	60.2

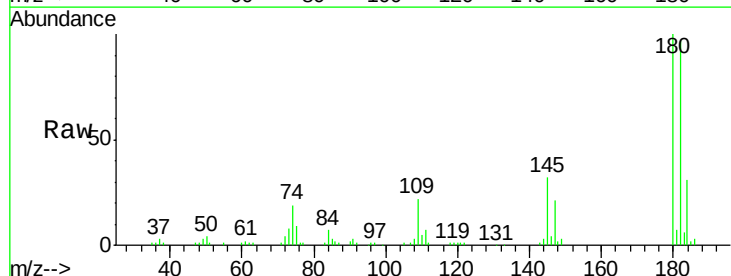


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

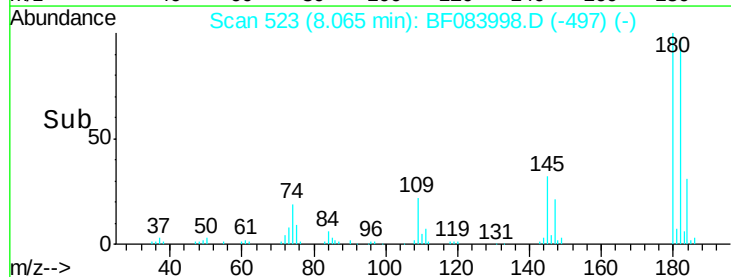
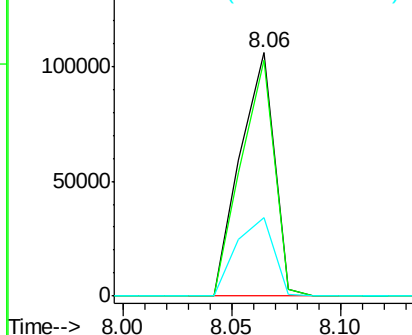


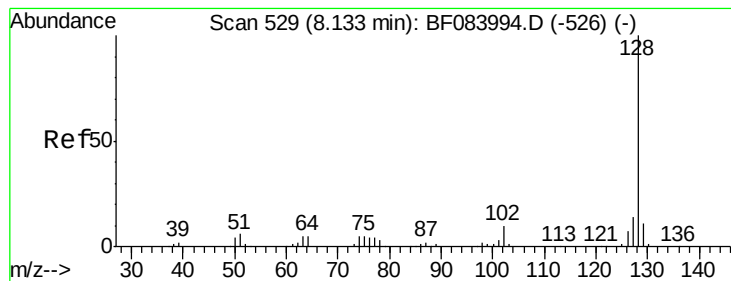
#30
 1,2,4-Trichlorobenzene
 Concen: 41.29 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.4	114.6
145	32.2	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: 38.88 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

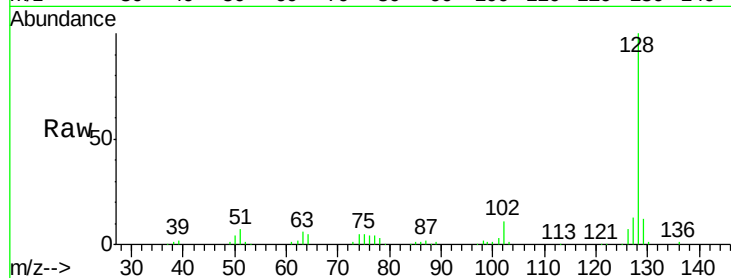
Tgt Ion:128 Resp: 377962

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

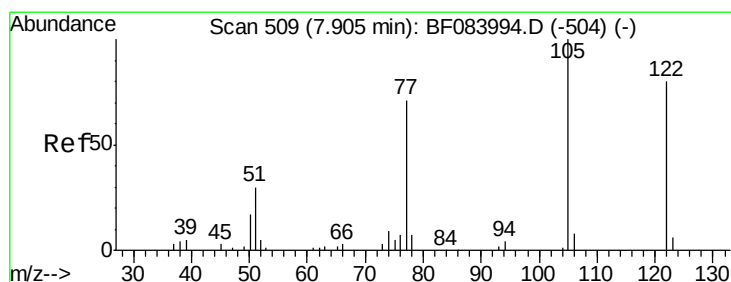
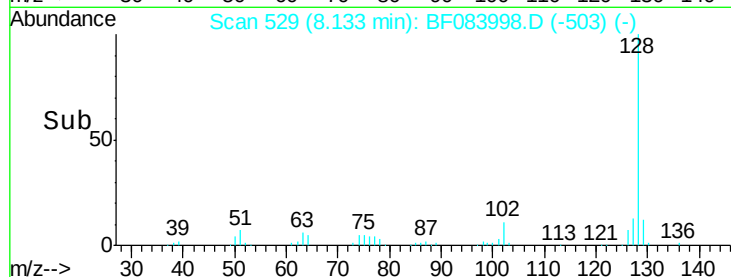
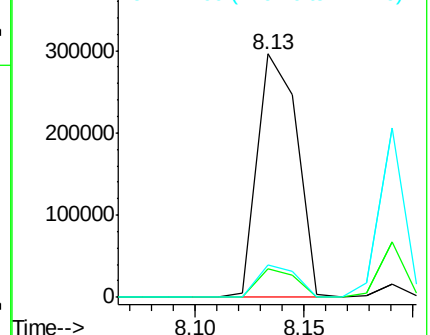
127 13.2 11.1 16.7



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: 38.46 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

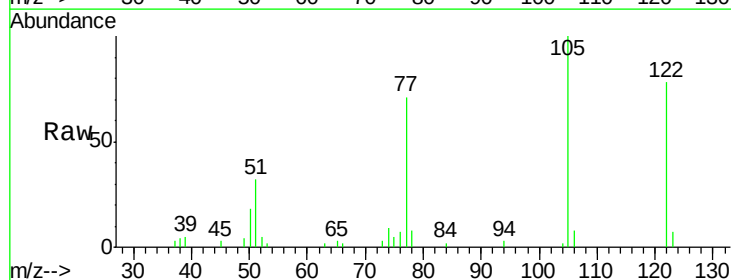
Tgt Ion:122 Resp: 51484

Ion Ratio Lower Upper

122 100

105 127.4 100.3 140.3

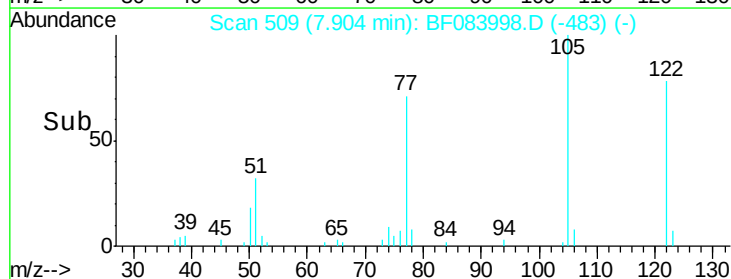
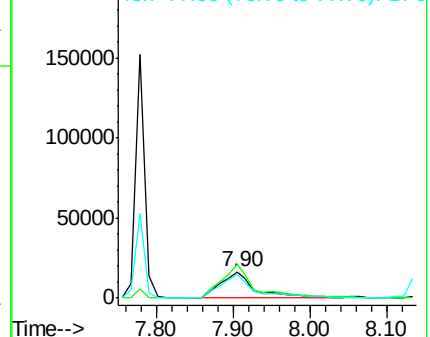
77 91.0 63.5 103.5

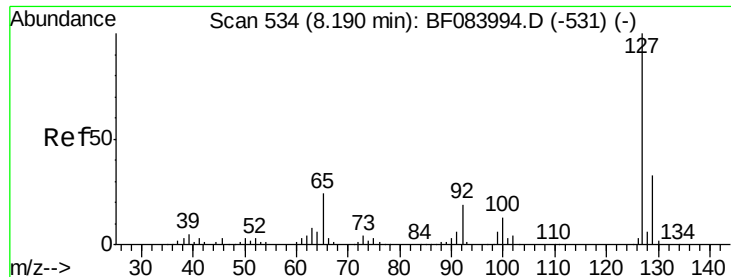


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

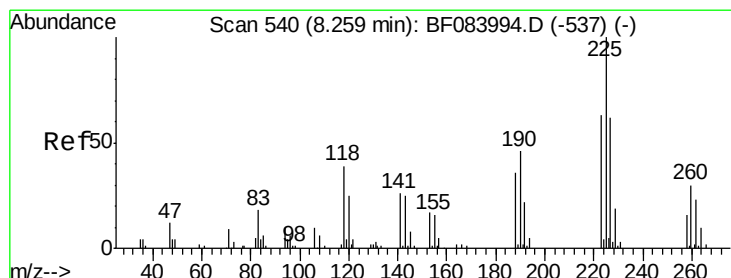
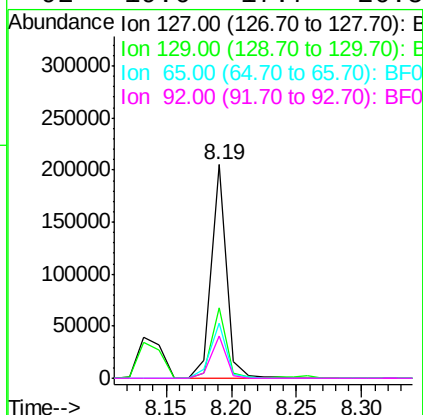
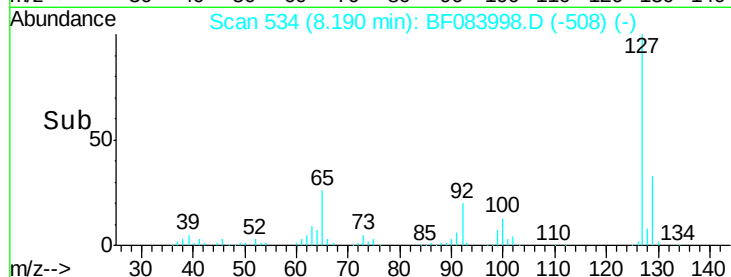
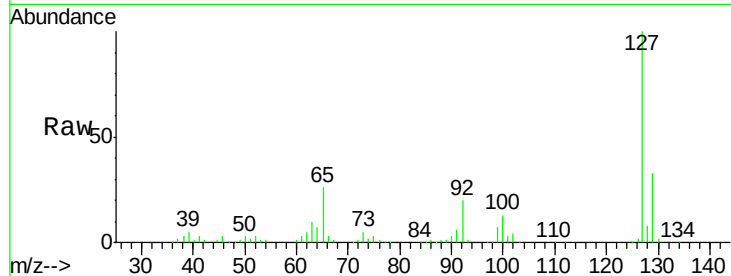




#33
 4-Chloroaniline
 Concen: 42.11 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

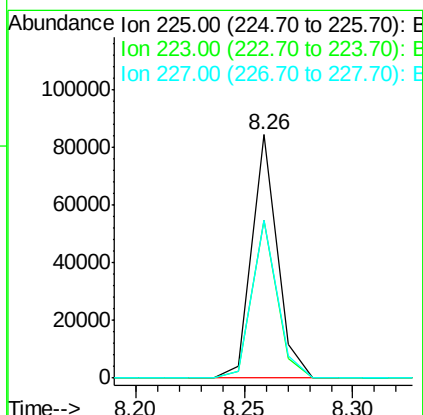
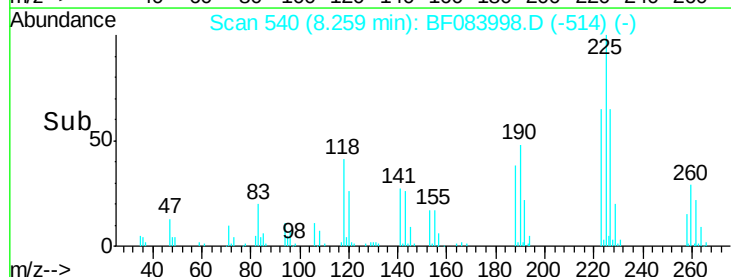
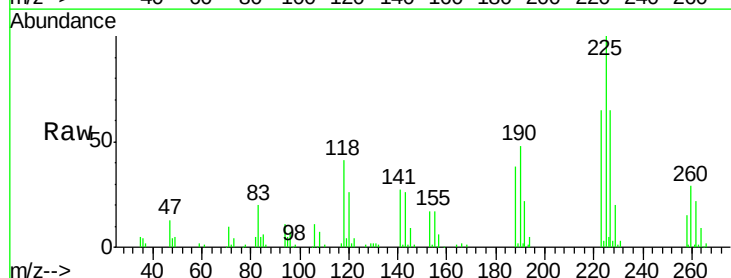
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

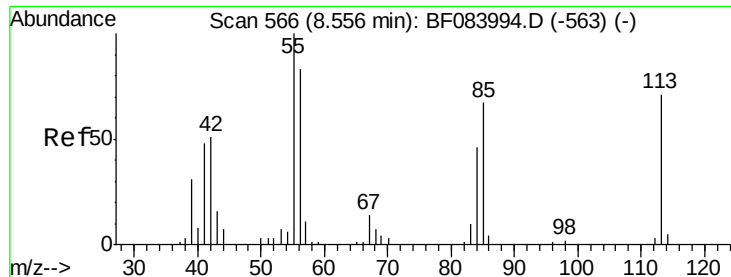
Tgt Ion:	127	Resp:	167376
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	25.7	27.2	40.8
92	19.6	17.7	26.5



#34
 Hexachlorobutadiene
 Concen: 41.25 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:	225	Resp:	68803
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.4	74.0
227	64.8	50.8	76.2

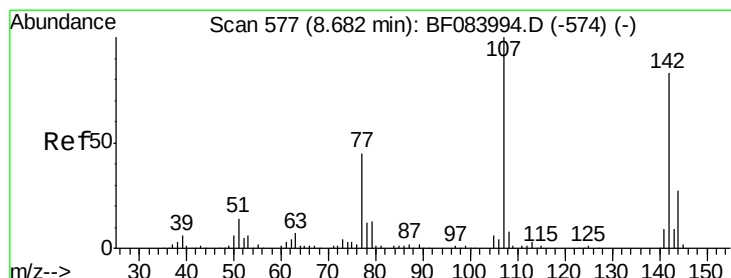
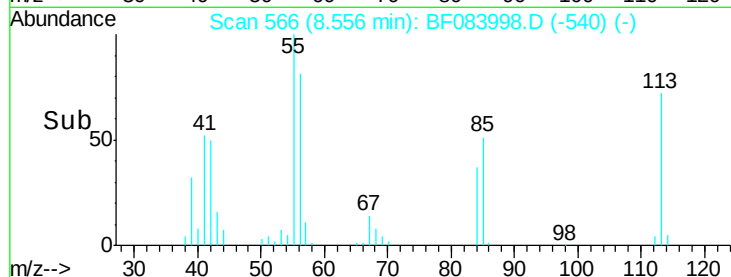
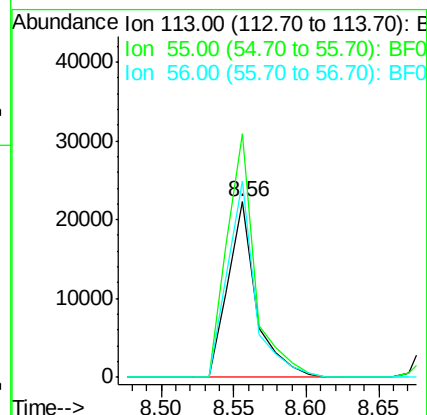
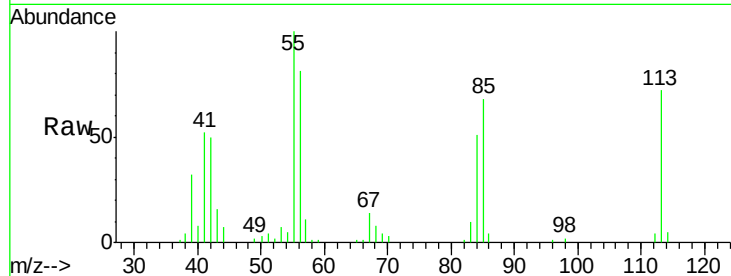




#35
 Caprolactam
 Concen: 37.48 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

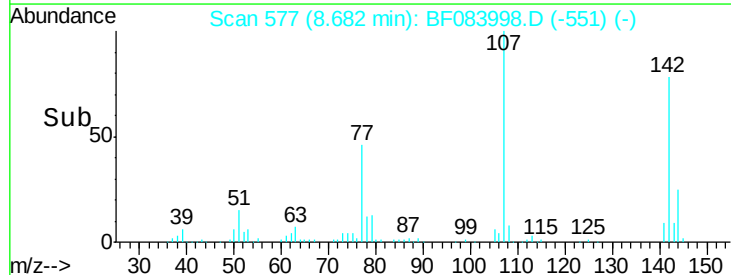
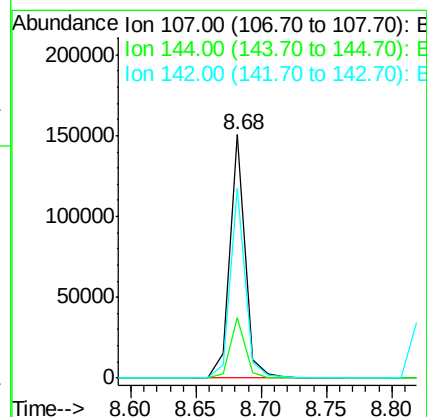
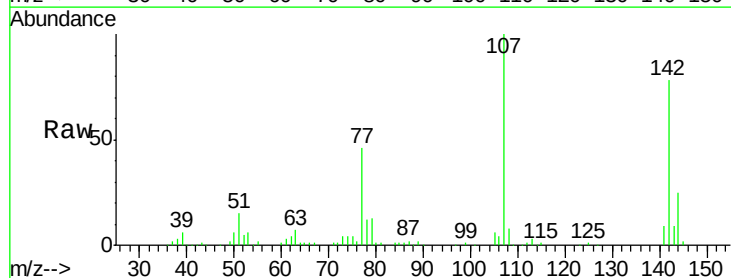
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

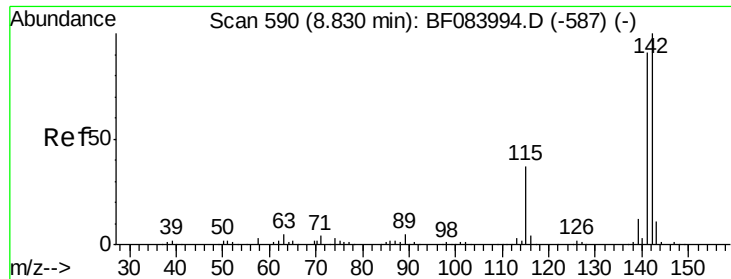
Tgt Ion:113 Resp: 30131
 Ion Ratio Lower Upper
 113 100
 55 138.8 116.9 156.9
 56 111.8 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.53 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:107 Resp: 124568
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 78.1 61.8 92.6

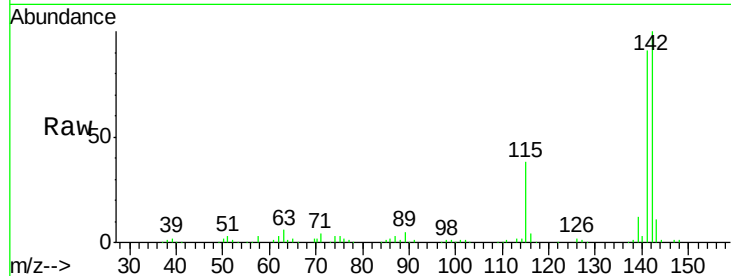




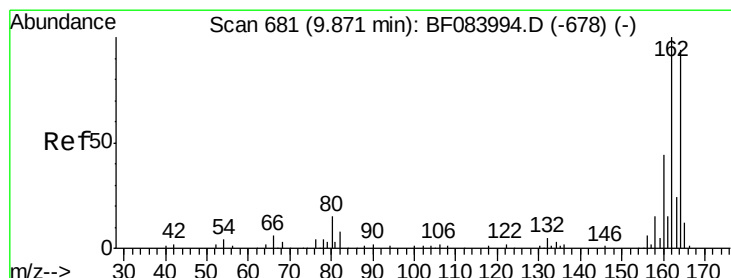
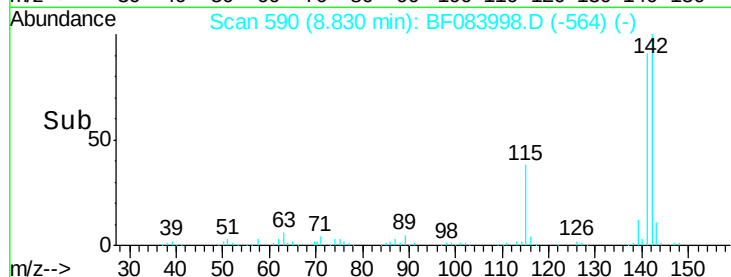
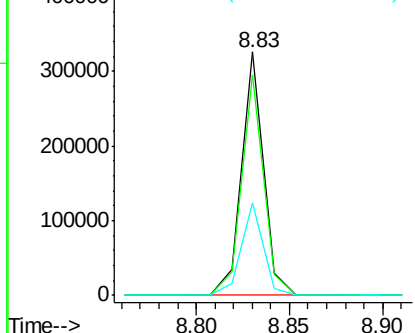
#37
2-Methylnaphthalene
Concen: 42.69 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Instrument :
BNA_F
ClientSampleId :
ICVBF122215

Tgt Ion:142 Resp: 268718
Ion Ratio Lower Upper
142 100
141 90.7 72.4 108.6
115 38.2 27.9 41.9

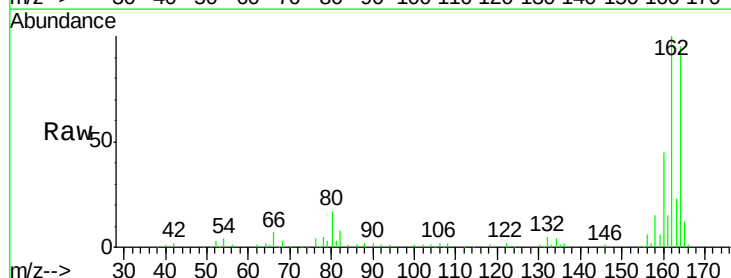


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

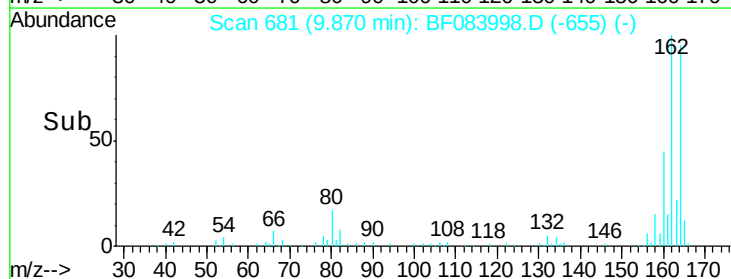
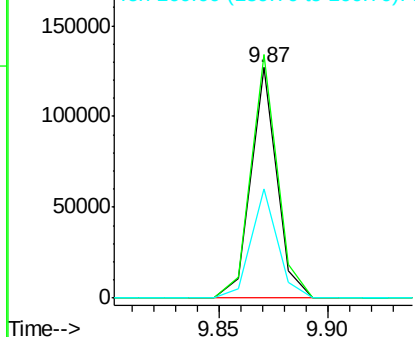


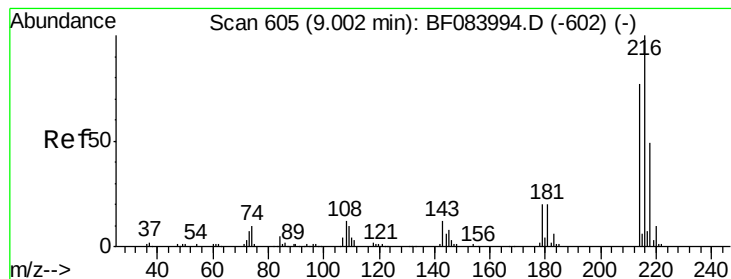
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion:164 Resp: 104699
Ion Ratio Lower Upper
164 100
162 105.6 85.1 127.7
160 47.1 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.22 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

Tgt Ion:216 Resp: 120285

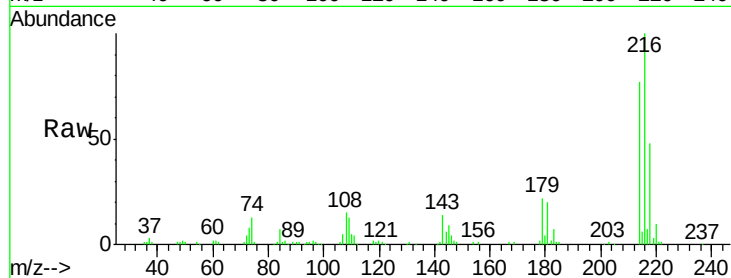
Ion Ratio Lower Upper

216 100

214 77.7 64.2 96.2

179 22.9 18.7 28.1

108 19.2 16.8 25.2

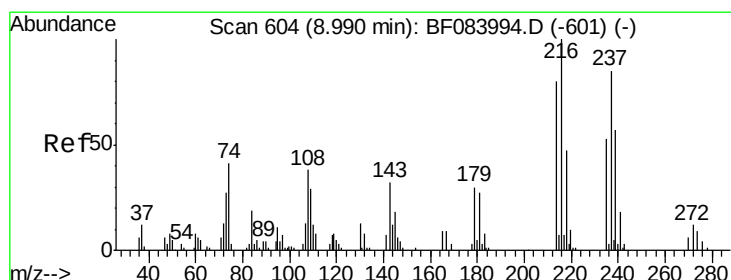
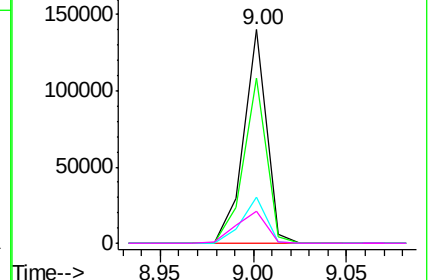
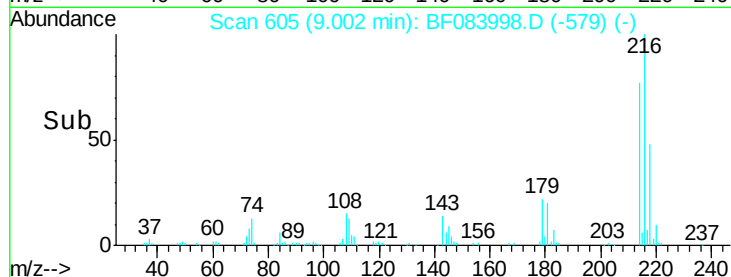


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.69 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

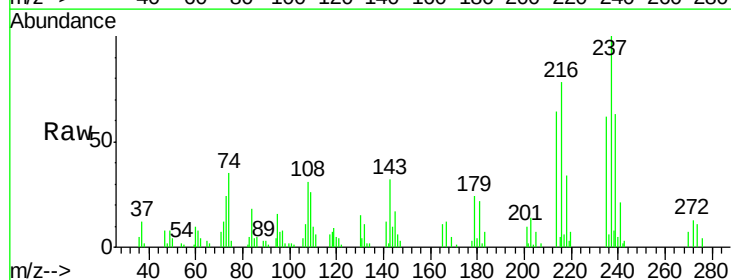
Tgt Ion:237 Resp: 29544

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

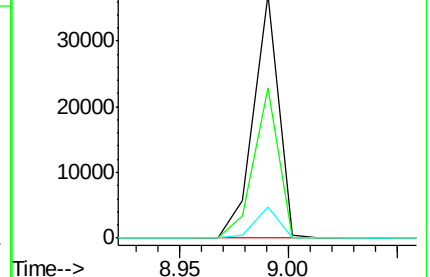
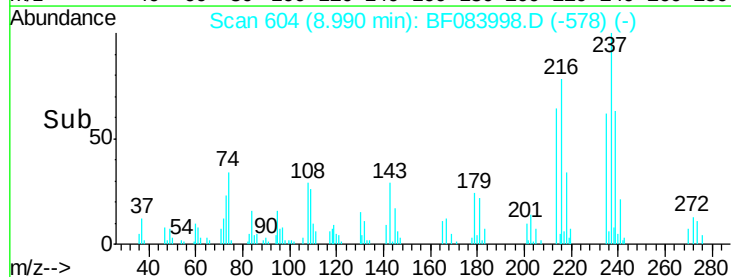
272 13.0 0.0 35.1

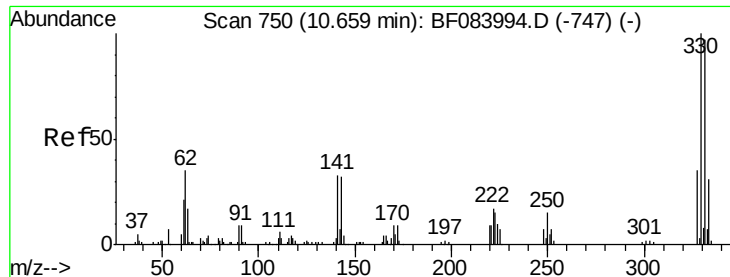


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

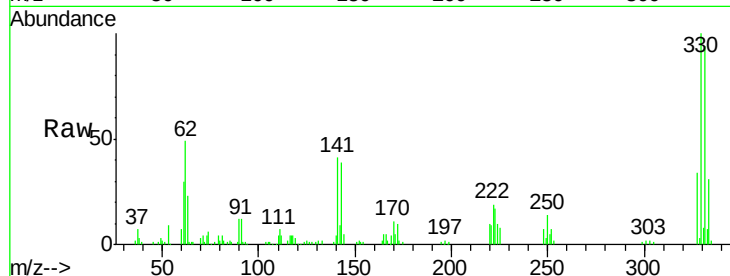




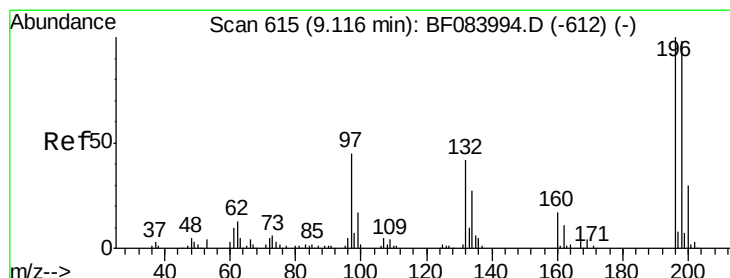
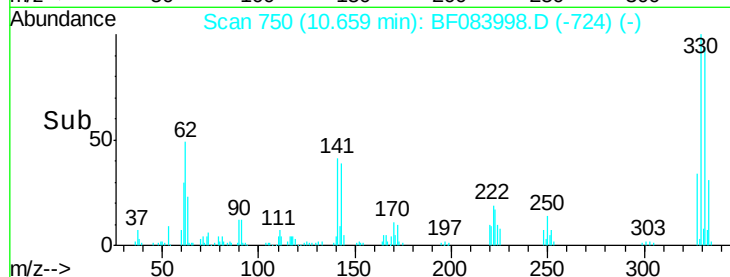
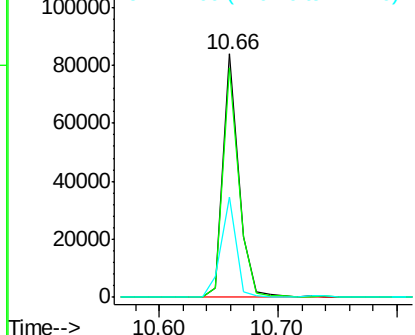
#41
 2,4,6-Tribromophenol
 Concen: 76.08 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion:330 Resp: 76614
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 39.8 27.8 41.6

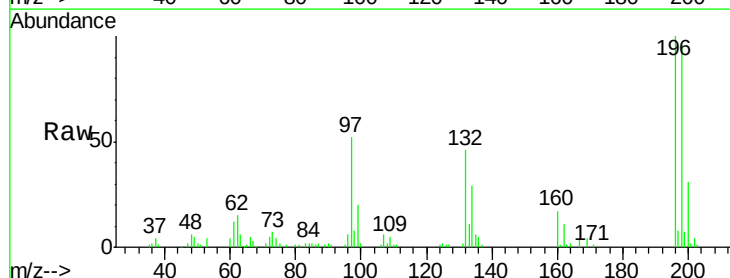


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

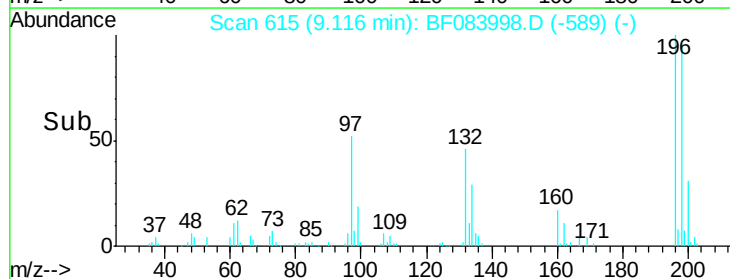
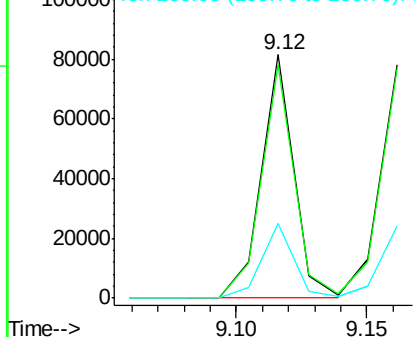


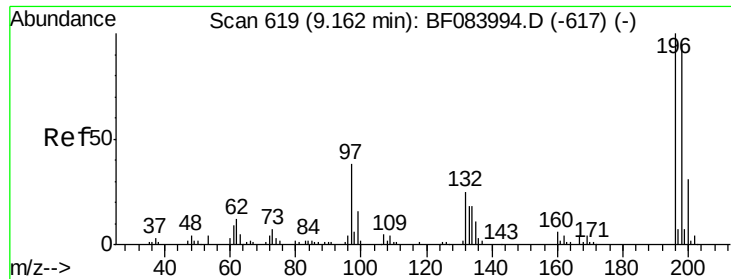
#42
 2,4,6-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:196 Resp: 70146
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.7 116.5
 200 30.5 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

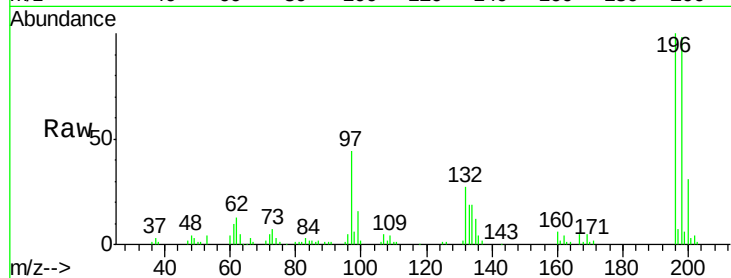




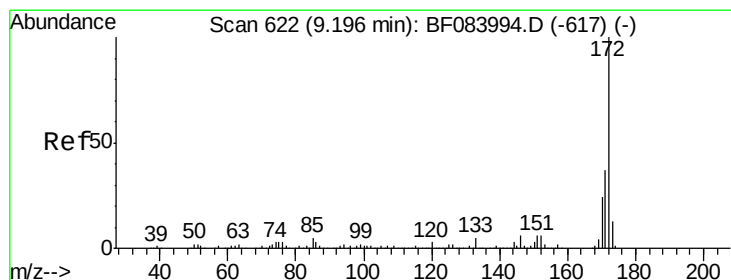
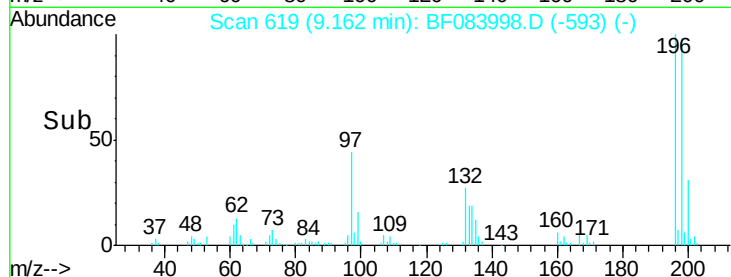
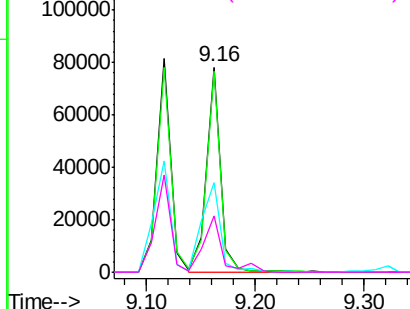
#43
 2,4,5-Trichlorophenol
 Concen: 36.26 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion:	196	Resp:	71536
Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.0	118.6
97	43.7	33.0	49.6
132	27.3	21.1	31.7

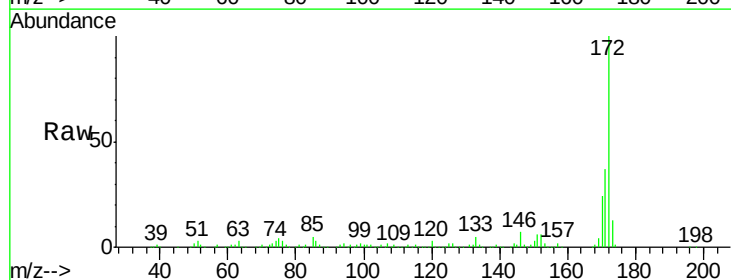


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

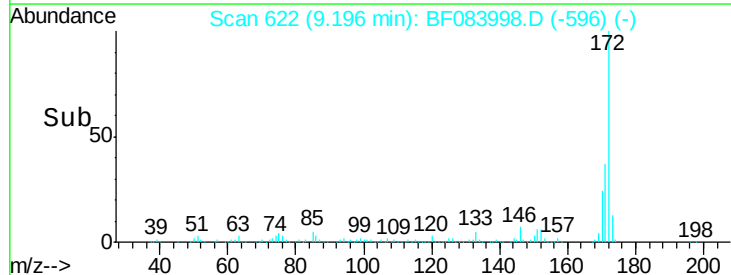
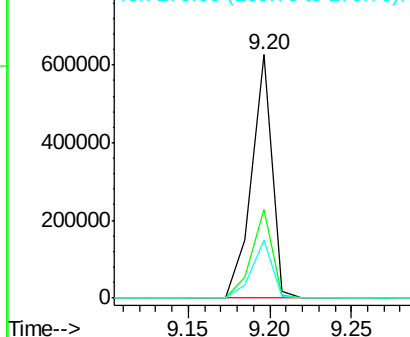


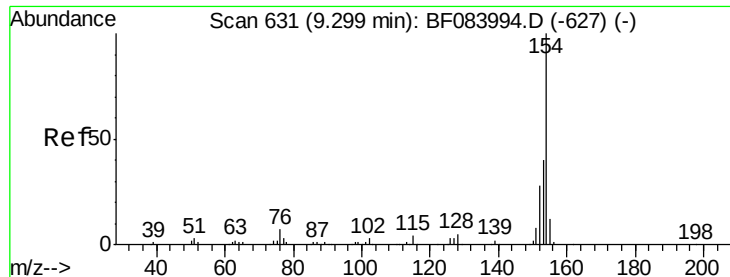
#44
 2-Fluorobiphenyl
 Concen: 70.27 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:	172	Resp:	546701
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.0	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

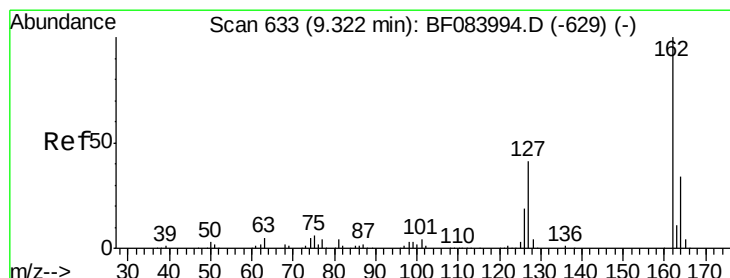
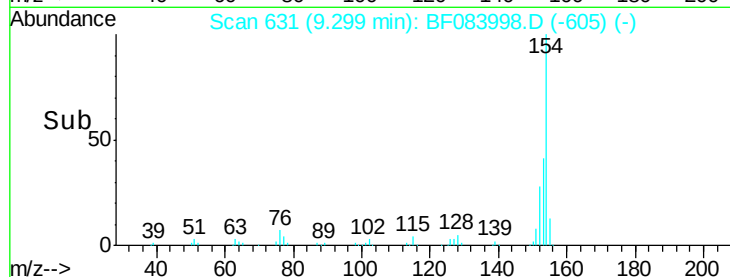
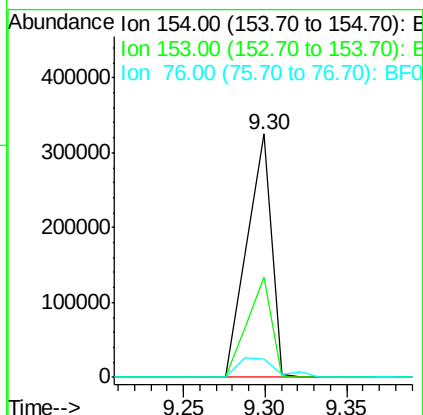
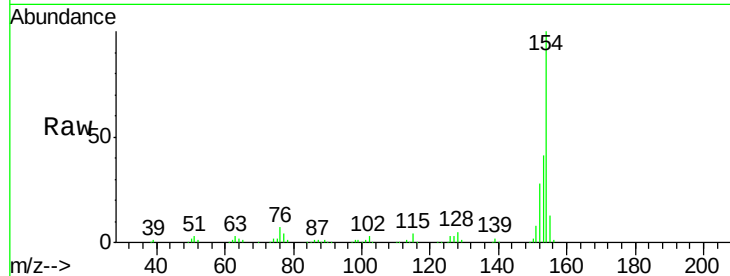




#45
1,1'-Biphenyl
Concen: 36.56 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

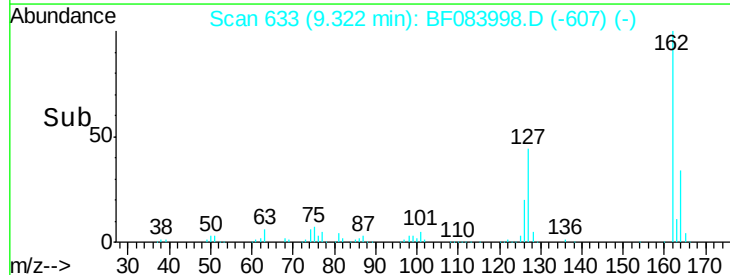
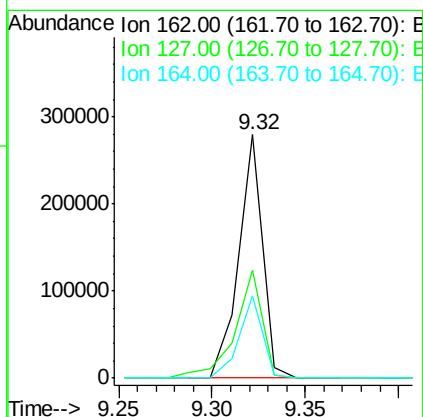
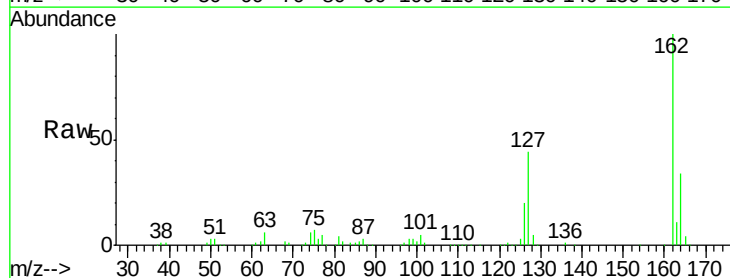
Instrument :
BNA_F
ClientSampleId :
ICVBF122215

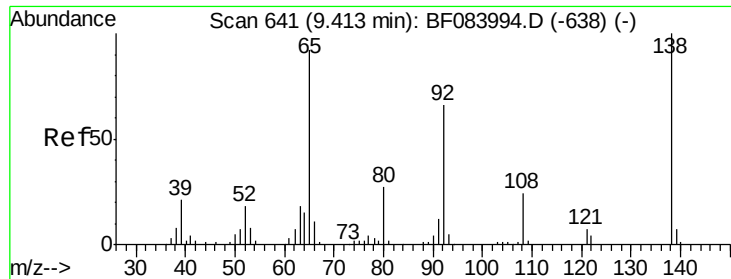
Tgt Ion:154 Resp: 338364
Ion Ratio Lower Upper
154 100
153 41.2 21.6 61.6
76 7.4 0.0 32.7



#46
2-Chloronaphthalene
Concen: 37.50 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion:162 Resp: 249828
Ion Ratio Lower Upper
162 100
127 44.4 40.2 60.4
164 33.9 25.7 38.5

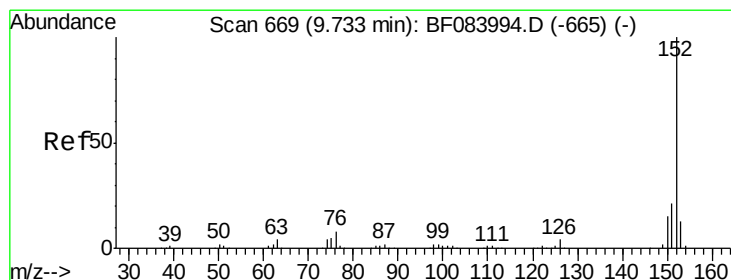
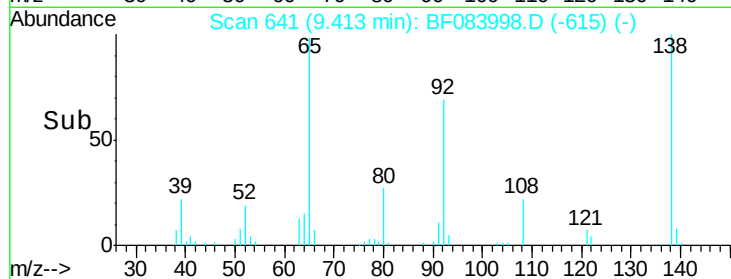
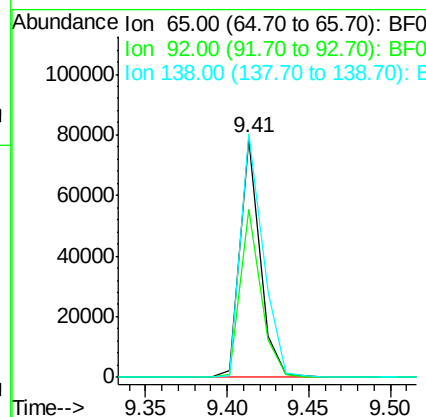
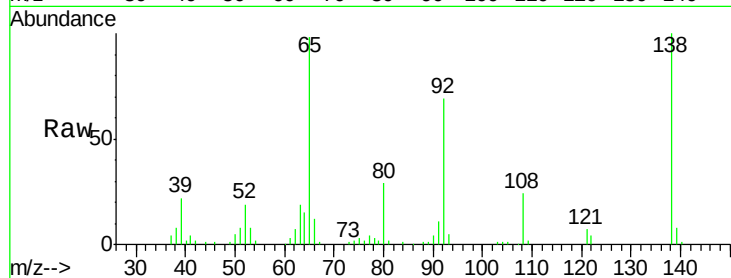




#47
2-Nitroaniline
Concen: 36.48 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

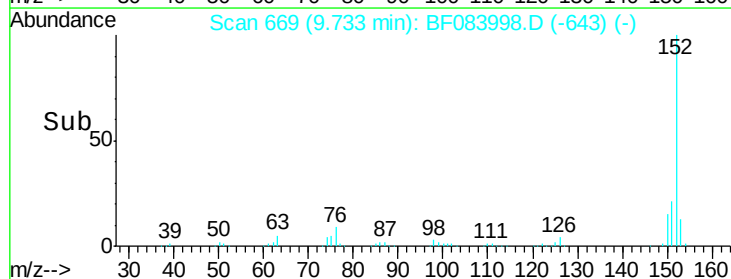
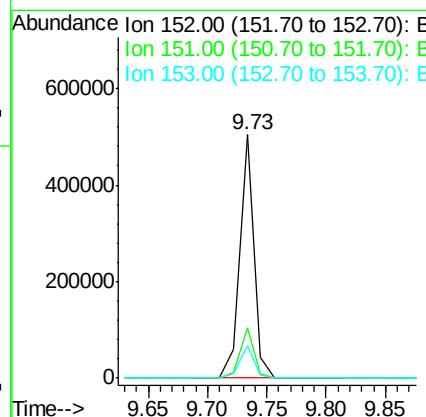
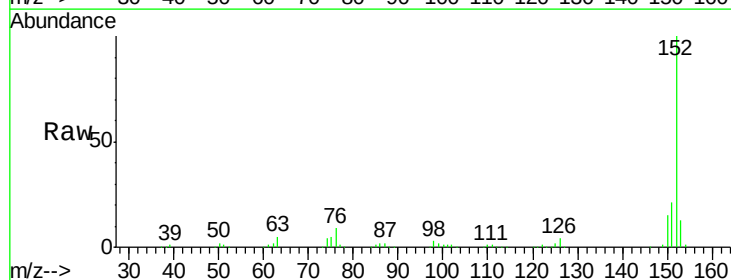
Instrument :
BNA_F
ClientSampleId :
ICVBF122215

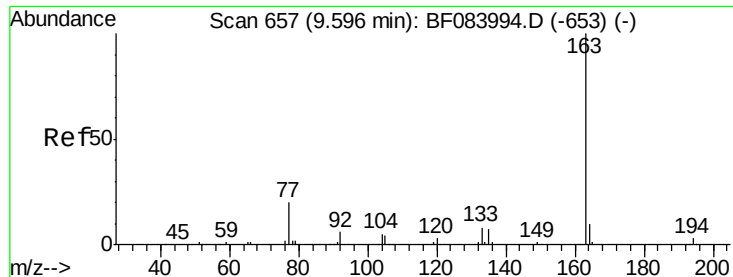
Tgt Ion: 65 Resp: 66263
Ion Ratio Lower Upper
65 100
92 70.4 53.4 80.2
138 101.8 71.1 106.7



#48
Acenaphthylene
Concen: 39.64 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion: 152 Resp: 418250
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.1 10.4 15.6

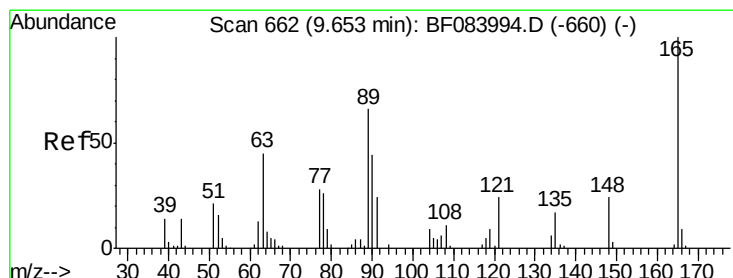
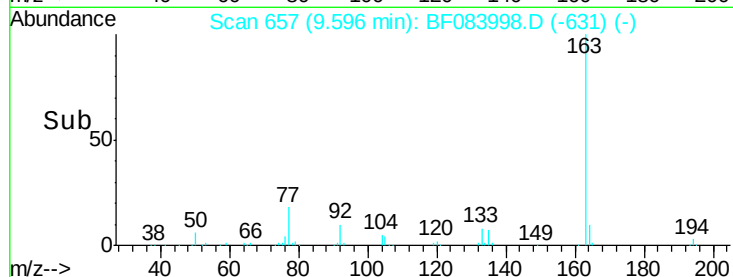
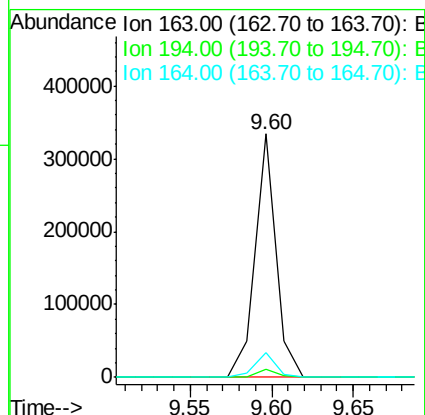
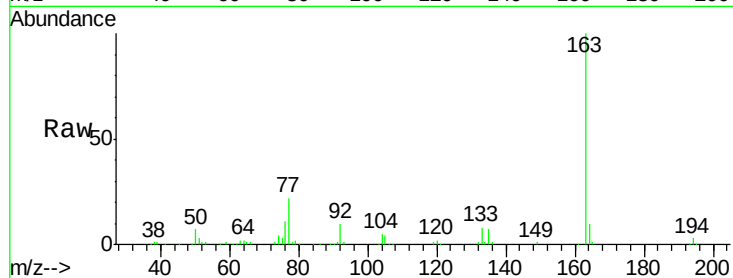




#49
Dimethylphthalate
Concen: 36.36 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

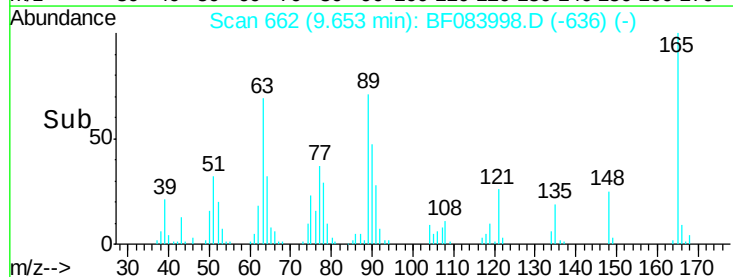
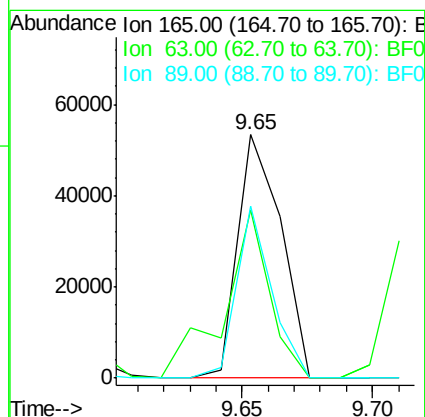
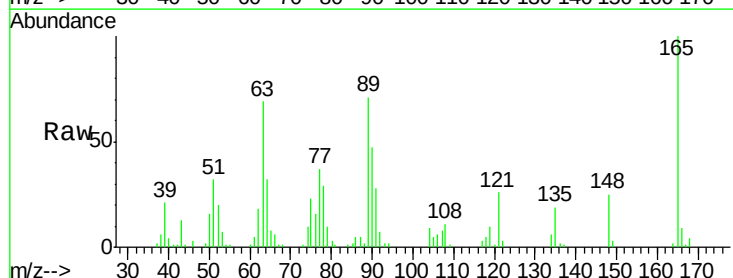
Instrument :
BNA_F
ClientSampleId :
ICVBF122215

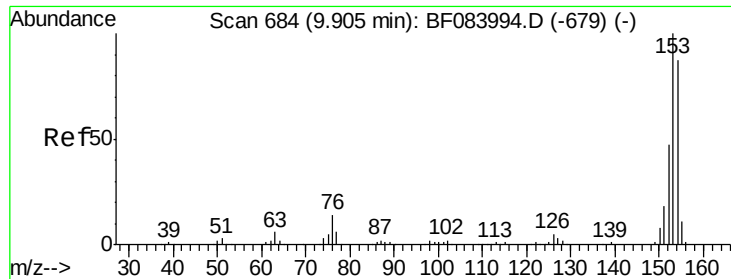
Tgt Ion:163 Resp: 297910
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 35.93 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion:165 Resp: 62118
Ion Ratio Lower Upper
165 100
63 68.9 28.8 43.2#
89 70.5 35.1 52.7#





#51

Acenaphthene

Concen: 39.24 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

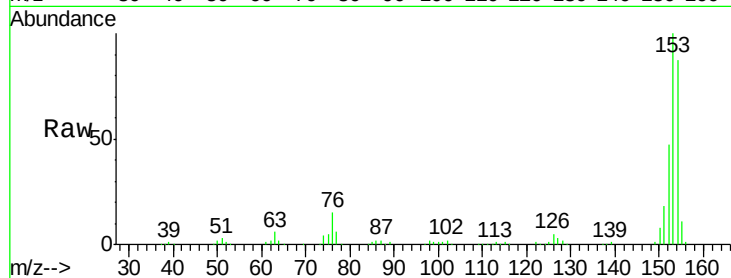
Tgt Ion:154 Resp: 246190

Ion Ratio Lower Upper

154 100

153 114.7 91.5 137.3

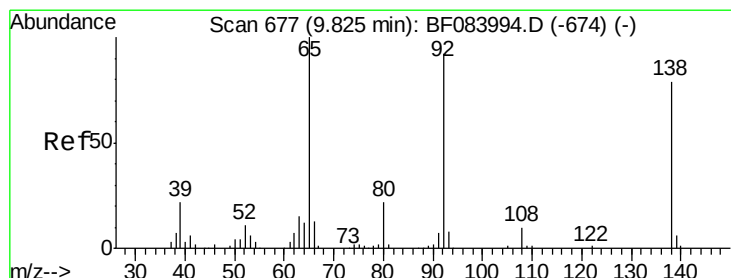
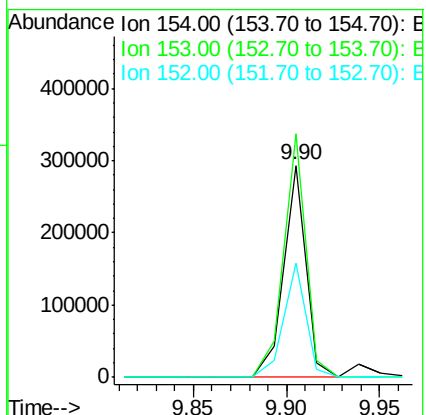
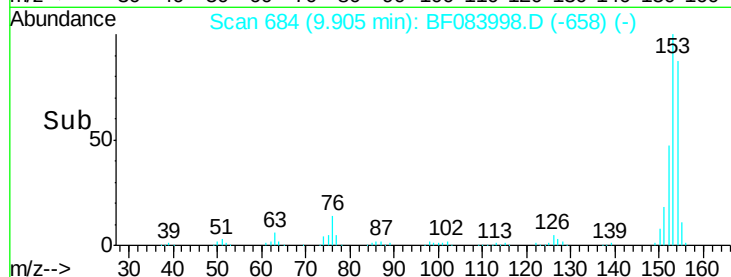
152 54.1 43.0 64.6



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: 38.33 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

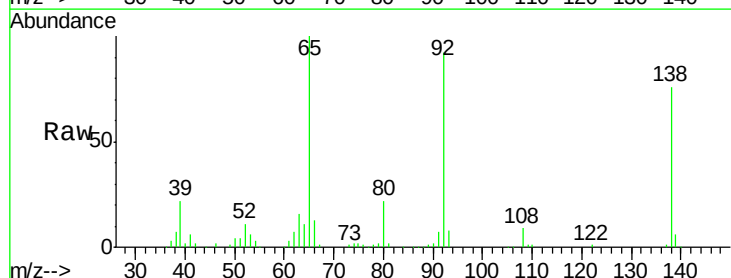
Tgt Ion:138 Resp: 70396

Ion Ratio Lower Upper

138 100

108 12.3 10.5 15.7

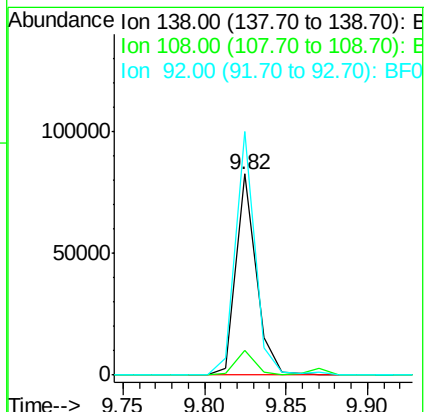
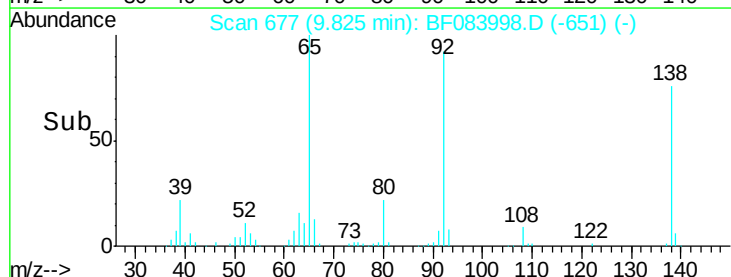
92 121.2 103.9 155.9

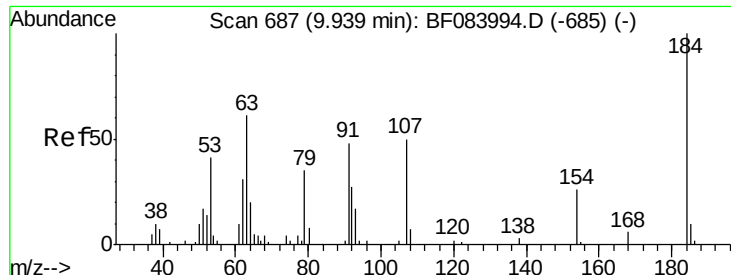


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

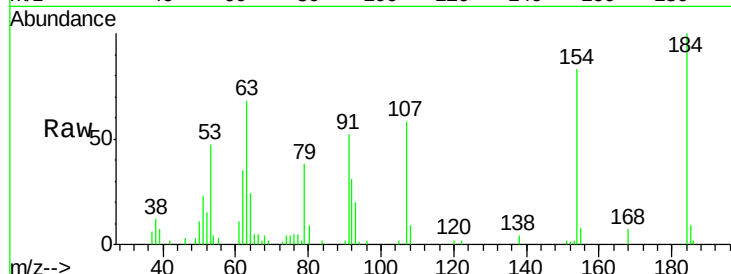




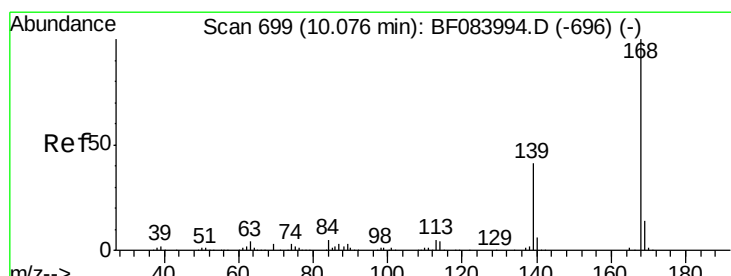
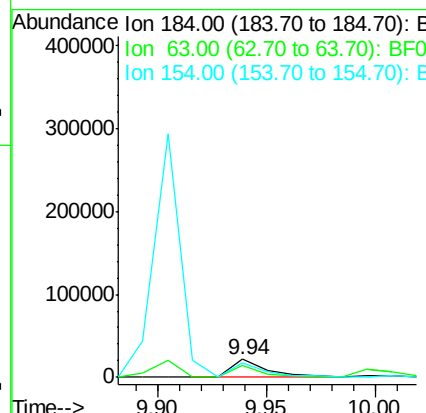
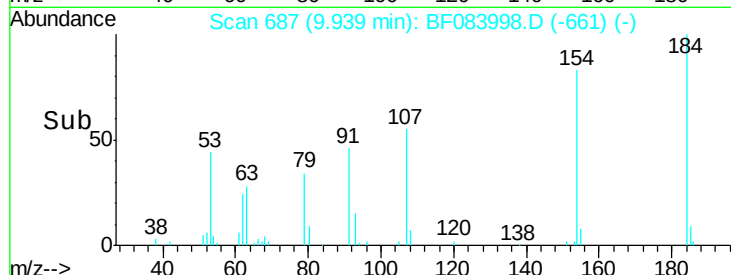
#53
 2,4-Dinitrophenol
 Concen: 38.55 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion:184 Resp: 25111
 Ion Ratio Lower Upper
 184 100
 63 68.0 43.1 64.7#
 154 82.9 60.5 90.7

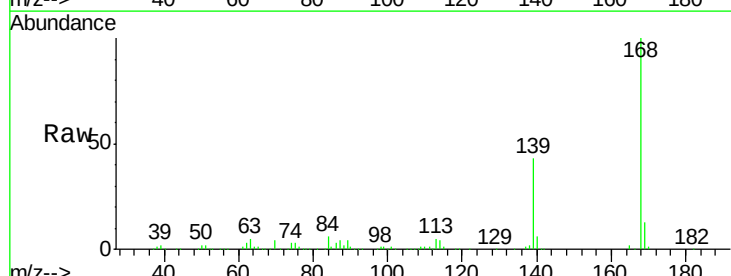


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

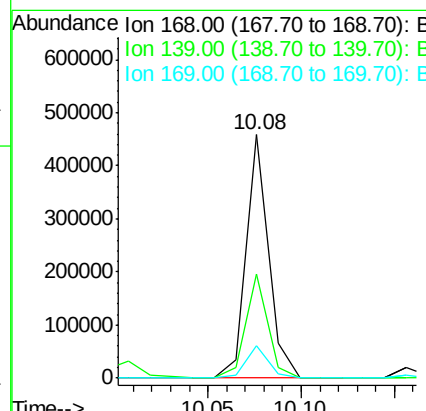
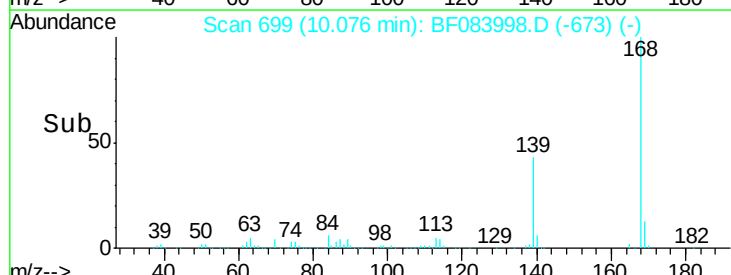


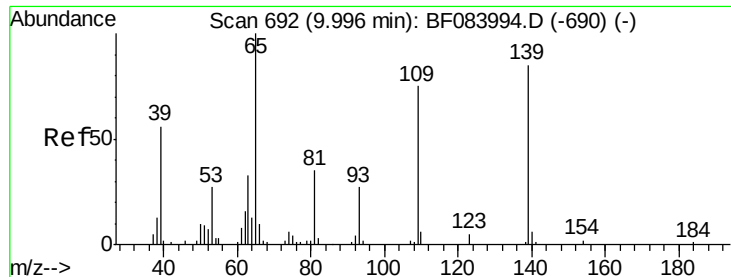
#54
 Dibenzofuran
 Concen: 40.94 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:168 Resp: 384464
 Ion Ratio Lower Upper
 168 100
 139 42.7 30.5 45.7
 169 13.5 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: 37.39 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

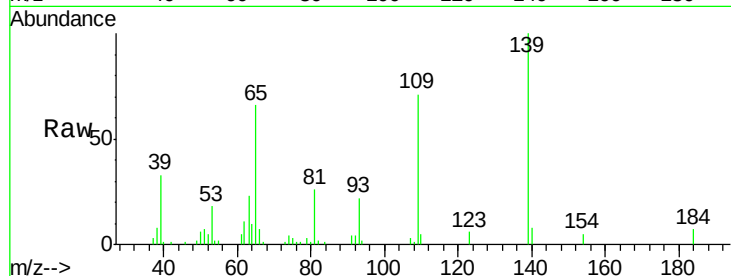
Tgt Ion:139 Resp: 40348

Ion Ratio Lower Upper

139 100

109 70.7 58.5 98.5

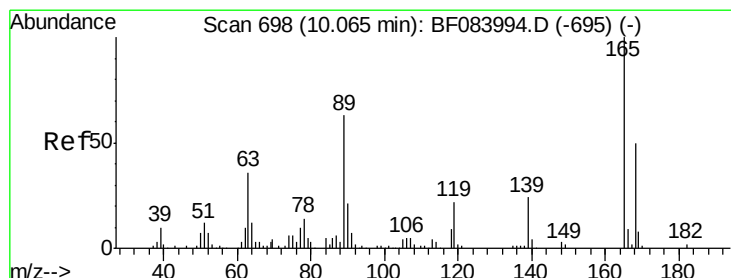
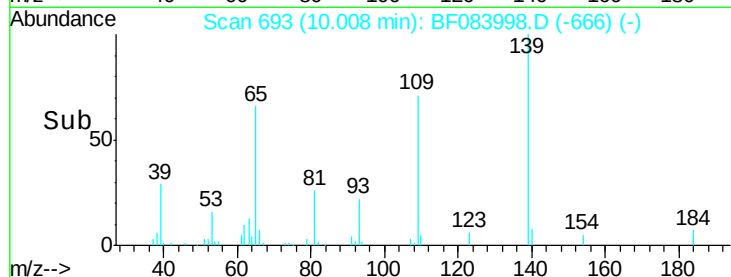
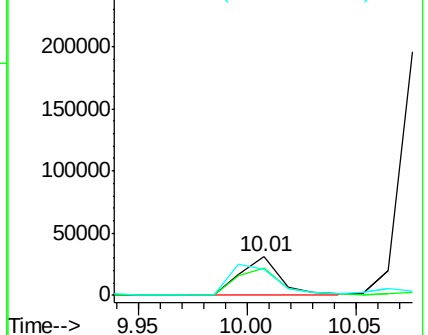
65 65.9 57.6 97.6



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: 42.64 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Tgt Ion:165 Resp: 92694

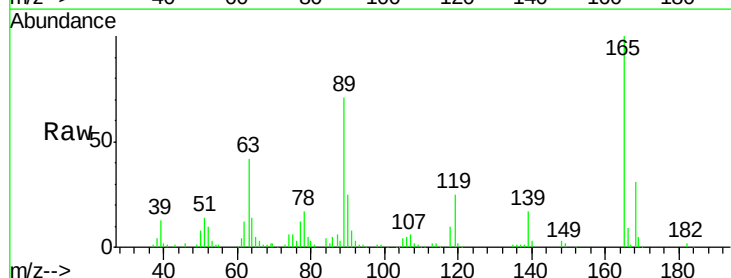
Ion Ratio Lower Upper

165 100

63 42.5 36.7 55.1

89 71.4 61.9 92.9

182 2.2 2.0 3.0

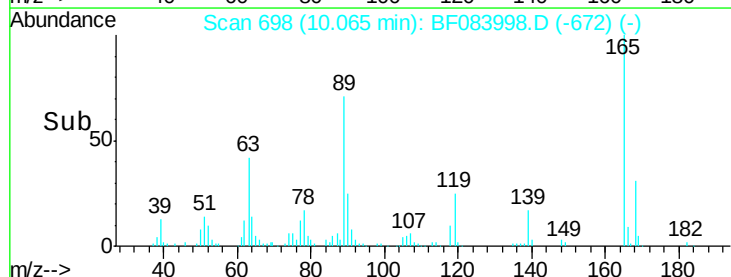
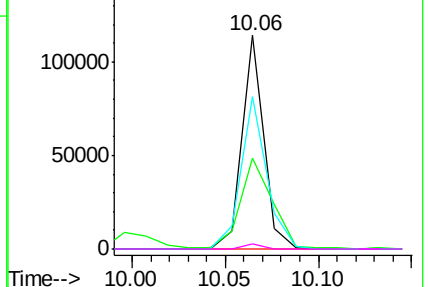


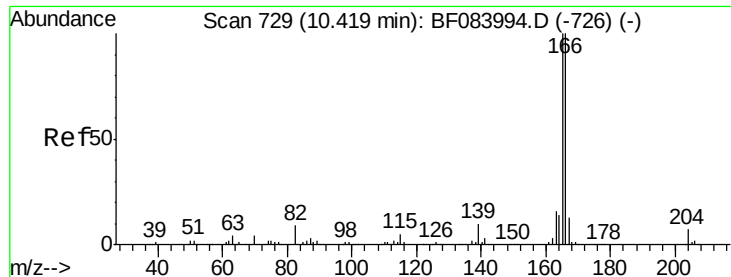
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

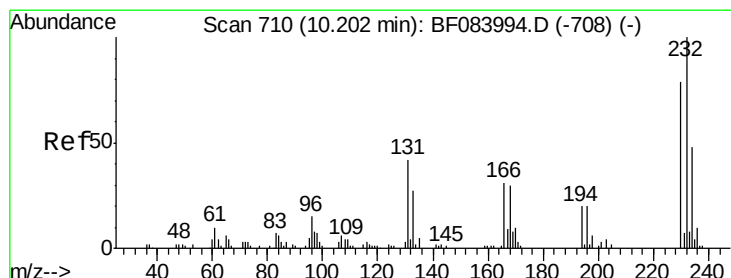
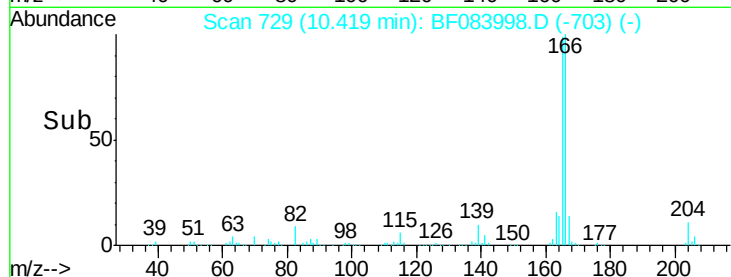
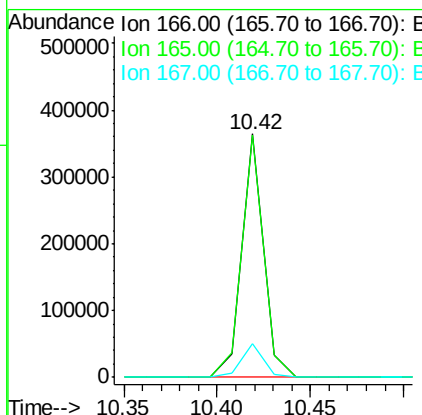
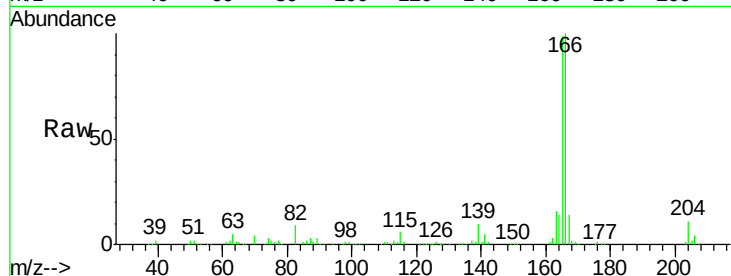




#57
 Fluorene
 Concen: 40.03 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

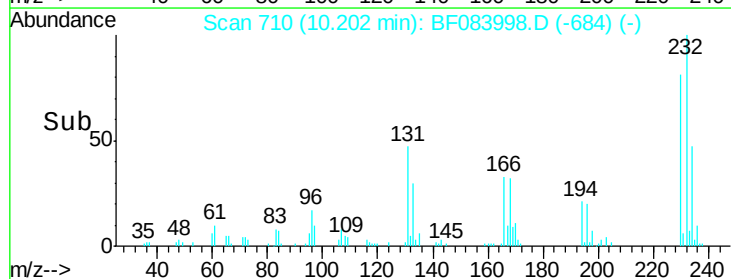
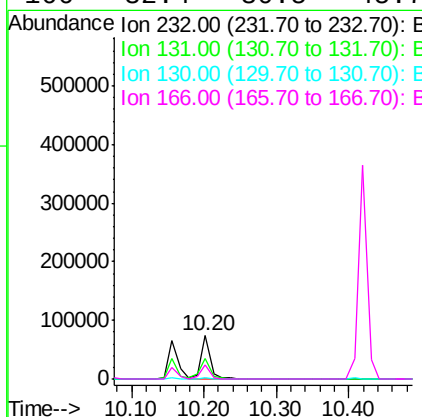
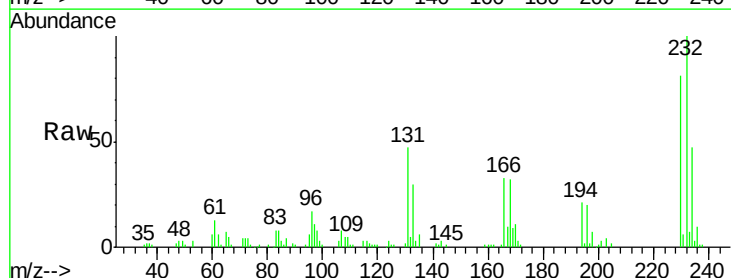
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

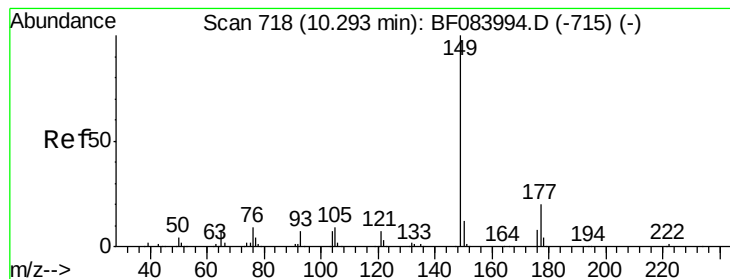
Tgt Ion:166 Resp: 297816
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 13.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.90 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:232 Resp: 69840
 Ion Ratio Lower Upper
 232 100
 131 49.3 47.0 70.6
 130 2.3 2.0 3.0
 166 32.4 30.5 45.7





#59

Diethylphthalate

Concen: 38.57 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

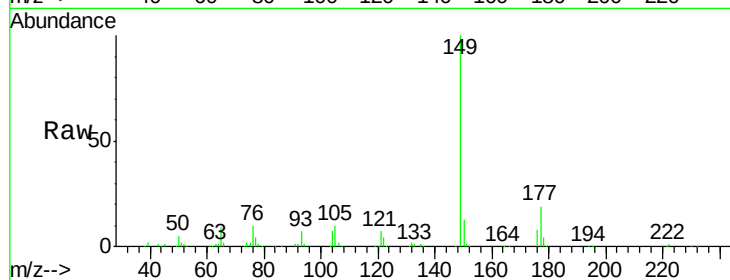
Tgt Ion:149 Resp: 310565

Ion Ratio Lower Upper

149 100

177 19.5 17.3 25.9

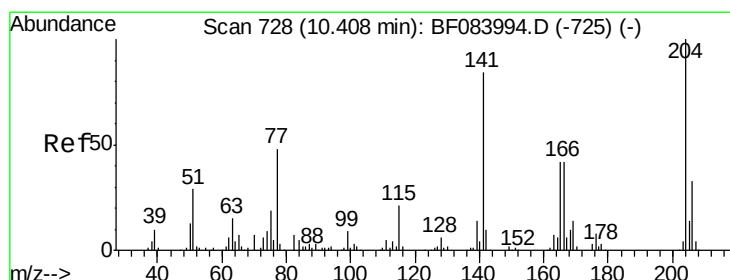
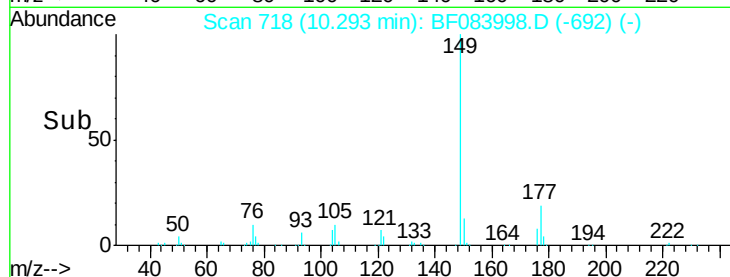
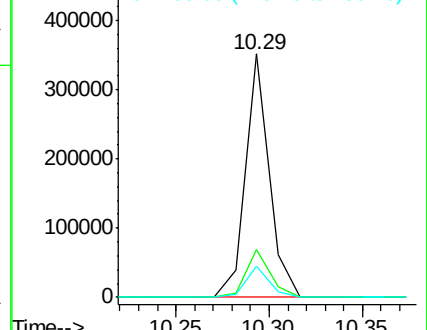
150 13.0 9.8 14.8



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: 36.64 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

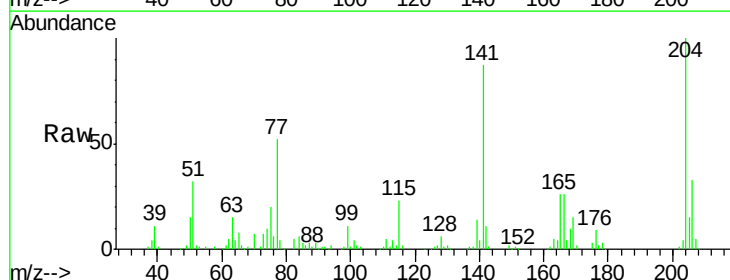
Tgt Ion:204 Resp: 124912

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

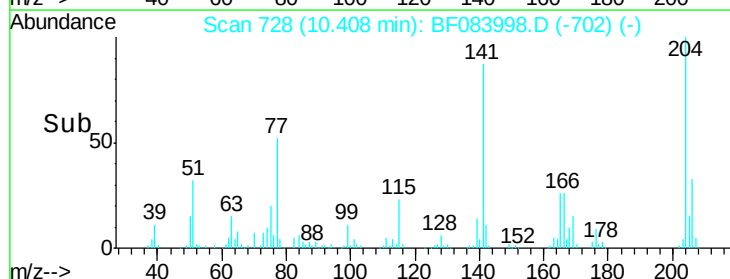
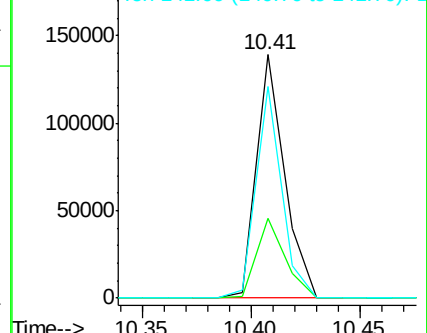
141 86.9 55.1 82.7#

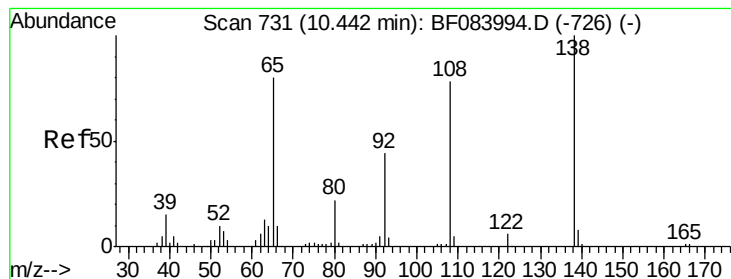


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

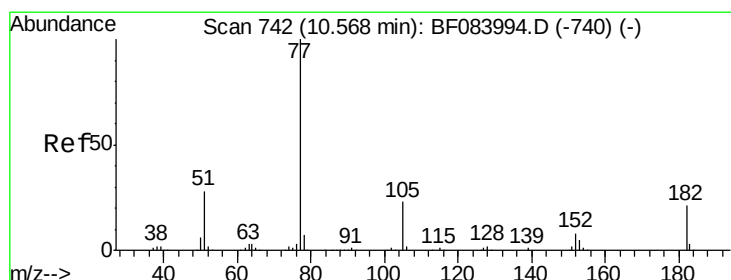
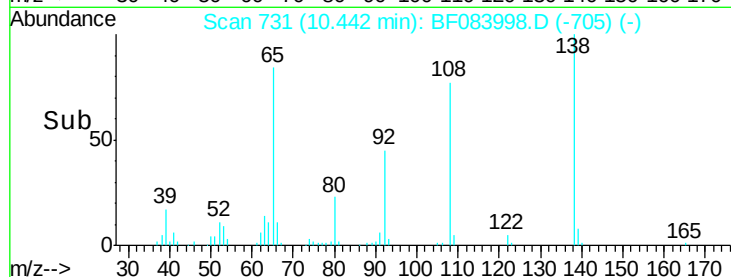
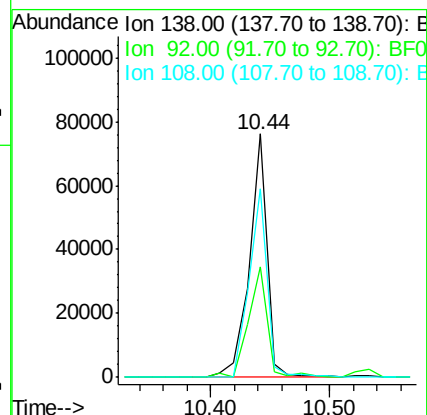
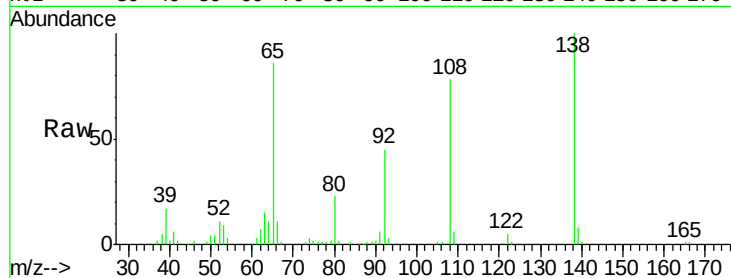




#61
4-Nitroaniline
Concen: 42.42 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

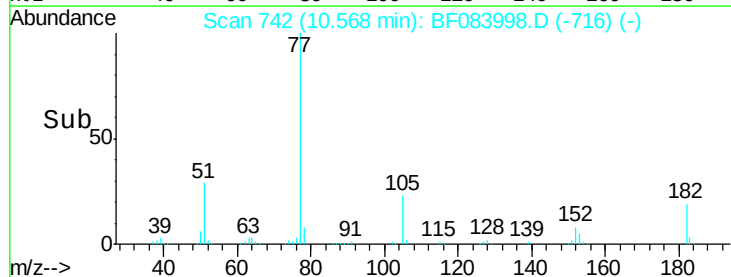
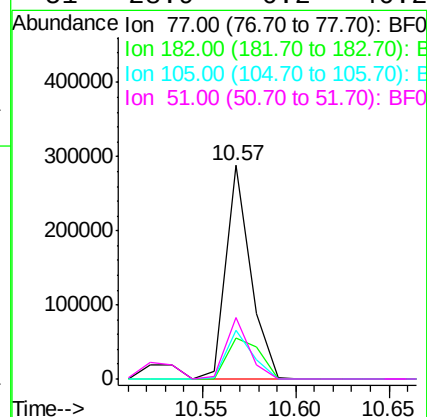
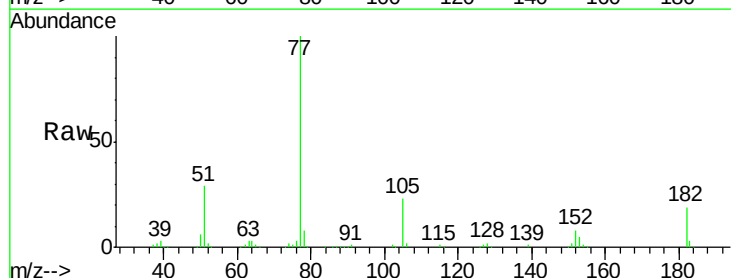
Instrument :
BNA_F
ClientSampleId :
ICVBF122215

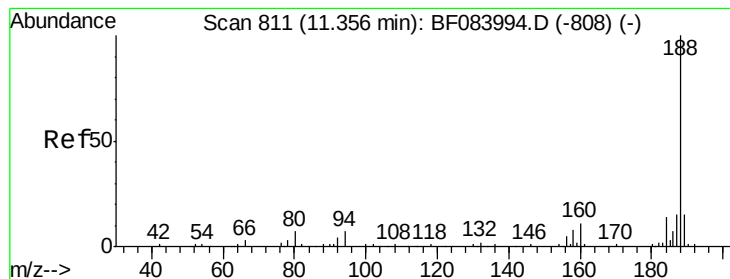
Tgt Ion:138 Resp: 79708
Ion Ratio Lower Upper
138 100
92 45.4 32.6 72.6
108 77.7 68.6 108.6



#62
Azobenzene
Concen: 37.47 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion: 77 Resp: 266361
Ion Ratio Lower Upper
77 100
182 19.1 8.3 48.3
105 22.7 4.6 44.6
51 28.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

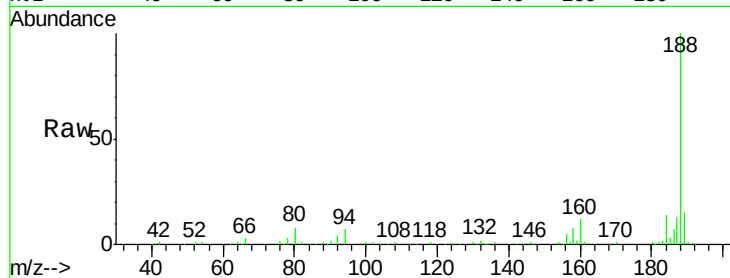
Tgt Ion:188 Resp: 160170

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.4#

80 8.0 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

250000

200000

150000

100000

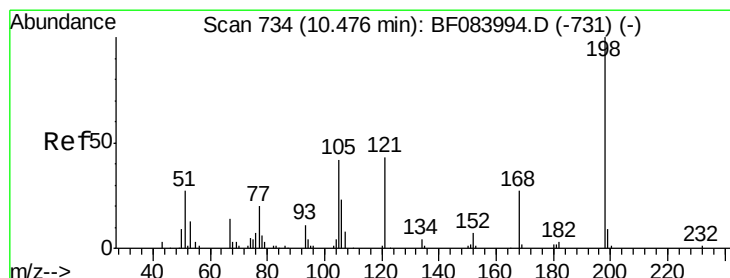
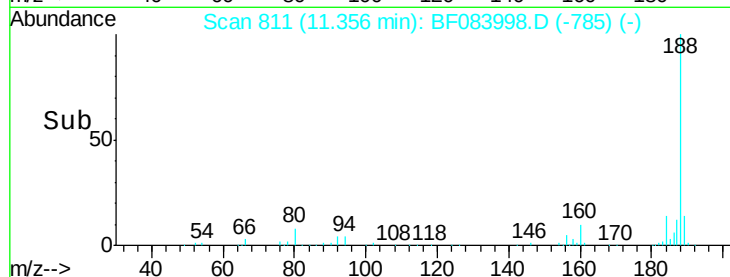
50000

0

11.36

11.30 11.35 11.40

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 47.70 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

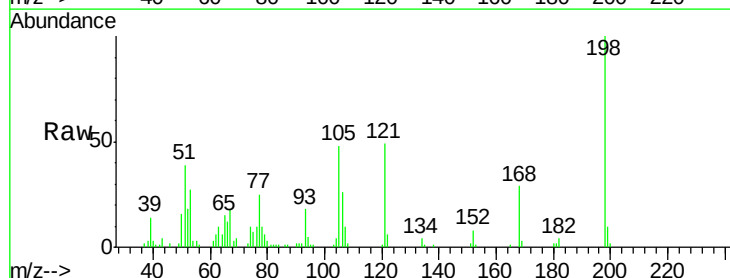
Tgt Ion:198 Resp: 44657

Ion Ratio Lower Upper

198 100

51 38.5 18.9 58.9

105 48.1 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

100000

80000

60000

40000

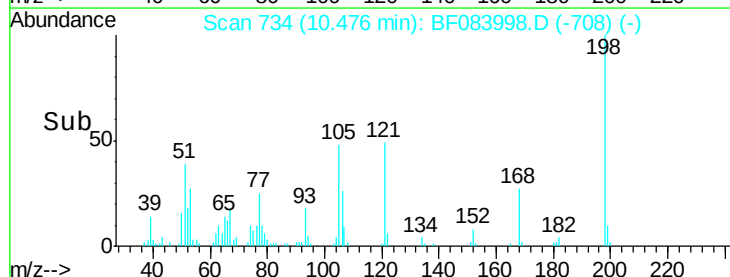
20000

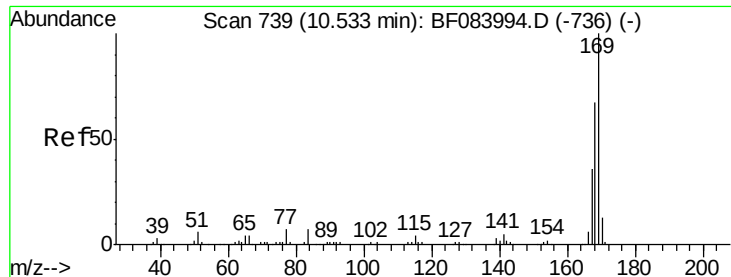
0

10.48

10.40 10.50 10.60

Time-->





#65

n-Nitrosodiphenylamine

Concen: 44.41 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

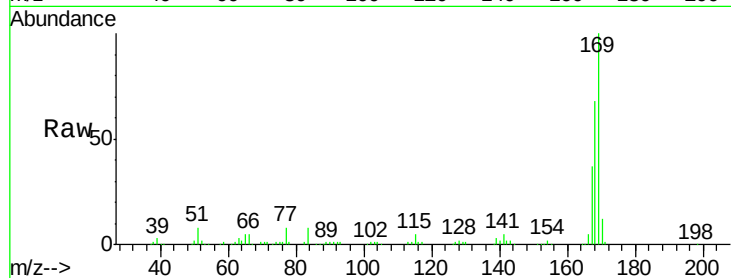
Tgt Ion:169 Resp: 262722

Ion Ratio Lower Upper

169 100

168 67.5 55.1 82.7

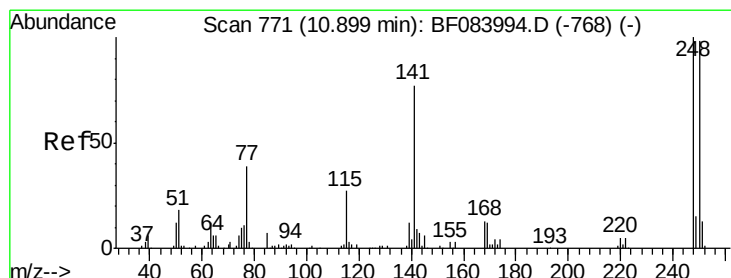
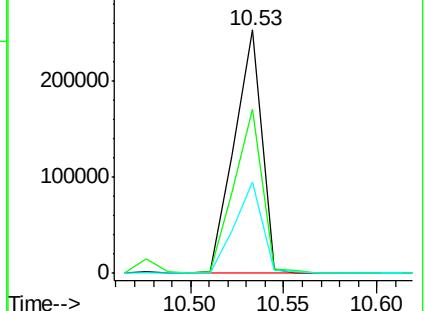
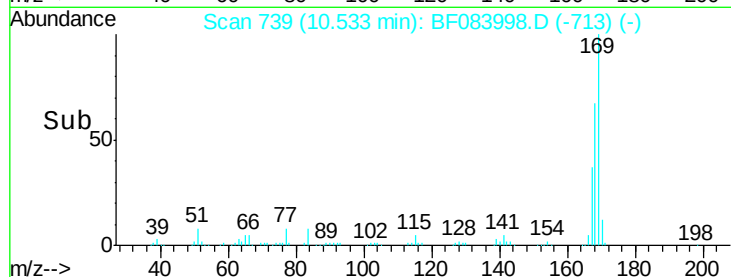
167 37.3 30.0 45.0



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: 44.80 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

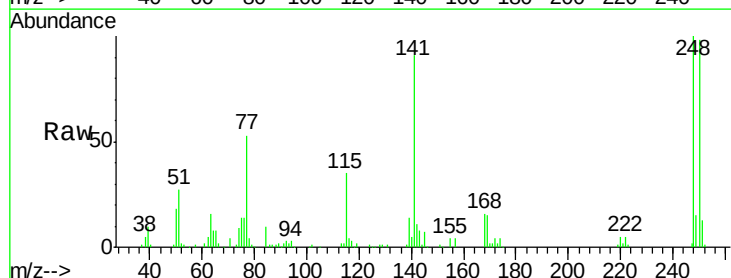
Tgt Ion:248 Resp: 82280

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

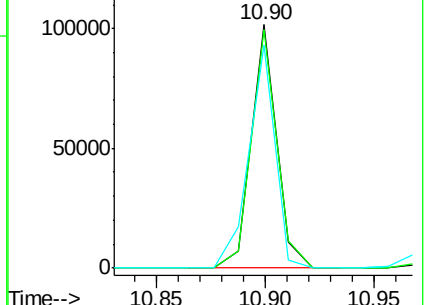
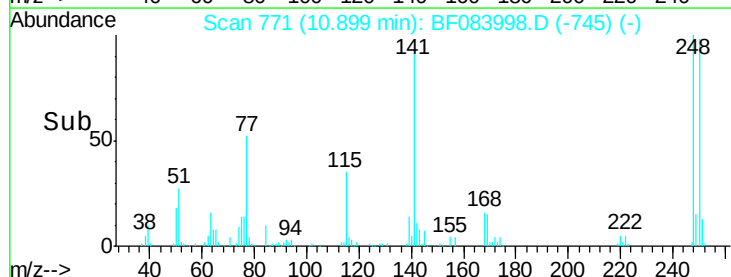
141 91.5 44.0 66.0#

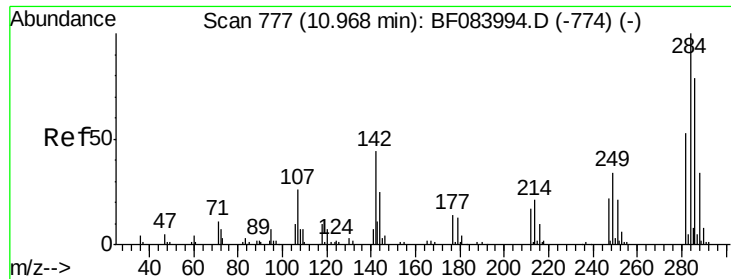


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.14 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

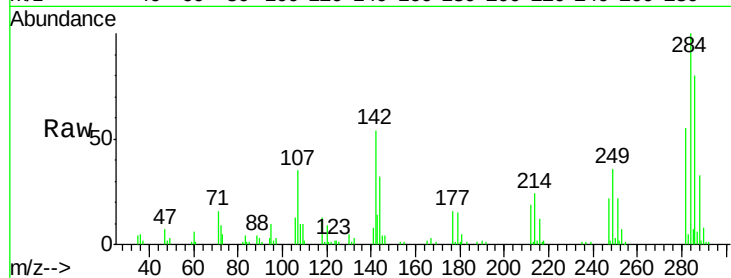
Tgt Ion:284 Resp: 72457

Ion Ratio Lower Upper

284 100

142 53.6 22.2 33.4#

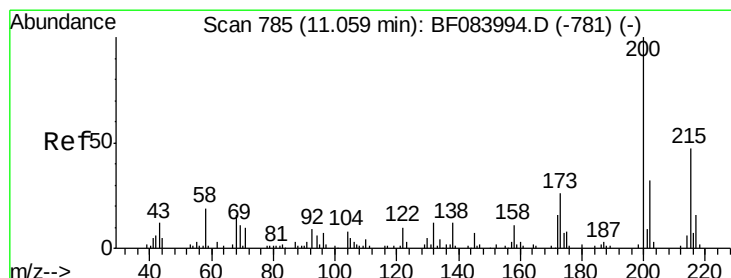
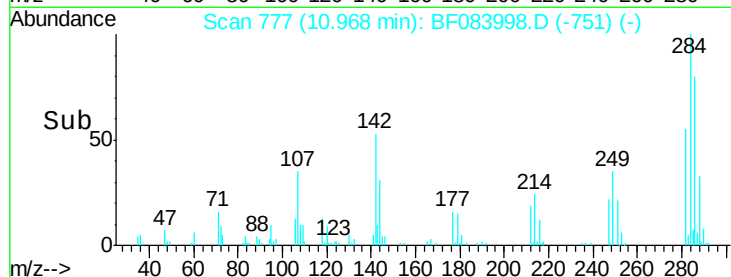
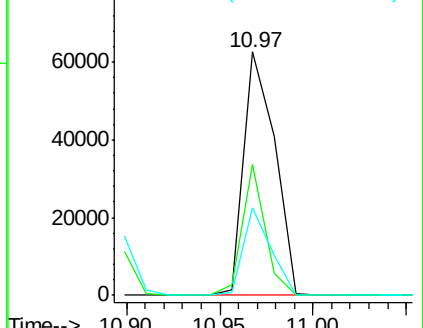
249 35.7 24.6 37.0



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: 41.49 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

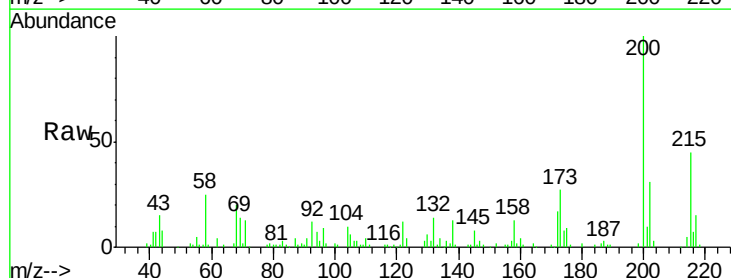
Tgt Ion:200 Resp: 74205

Ion Ratio Lower Upper

200 100

173 27.4 9.5 49.5

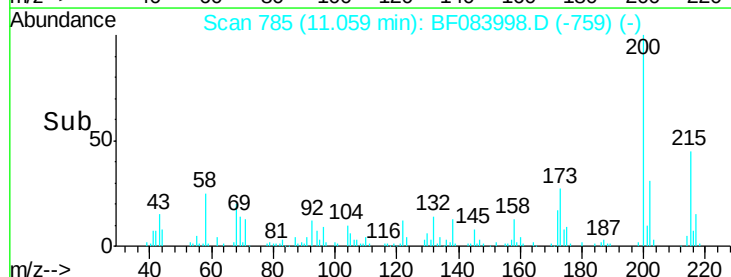
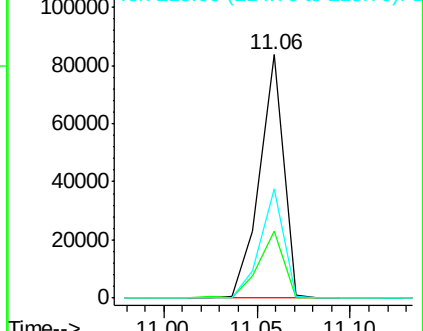
215 45.1 23.8 63.8

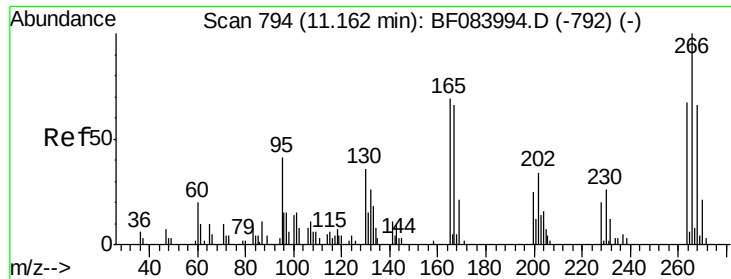


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

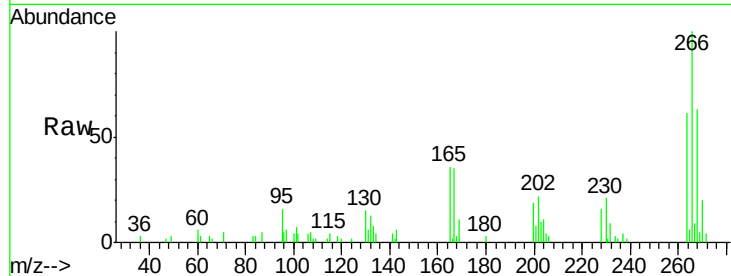




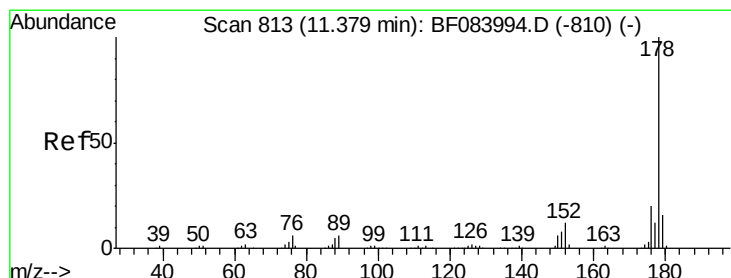
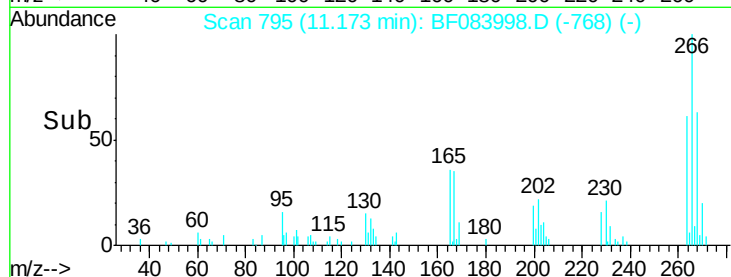
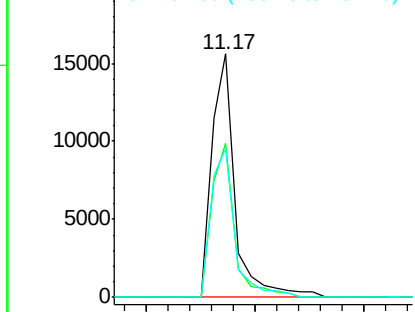
#69
 Pentachlorophenol
 Concen: 35.80 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion:266 Resp: 23197
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.4 78.6
 264 60.9 50.2 75.2

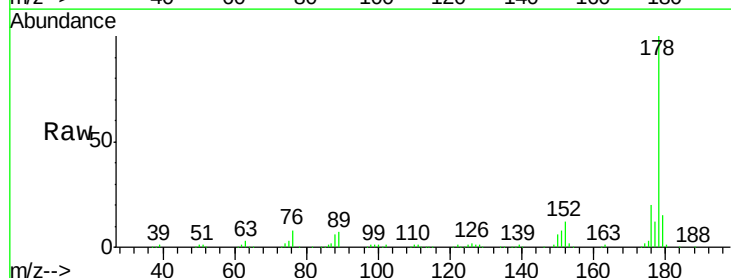


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

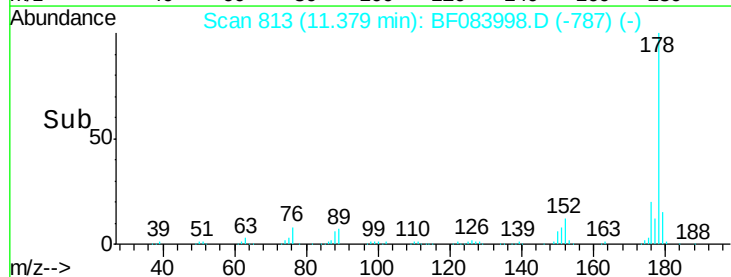
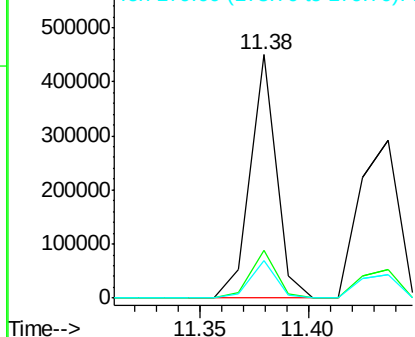


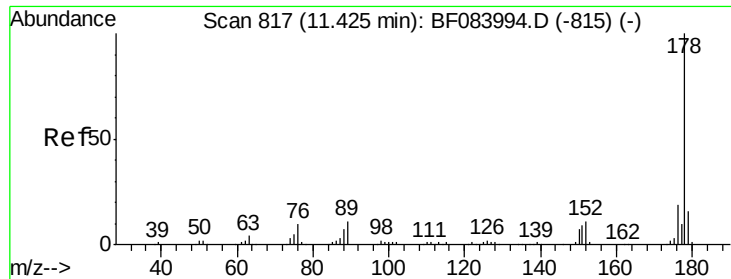
#70
 Phenanthrene
 Concen: 41.40 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:178 Resp: 374756
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 15.4 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

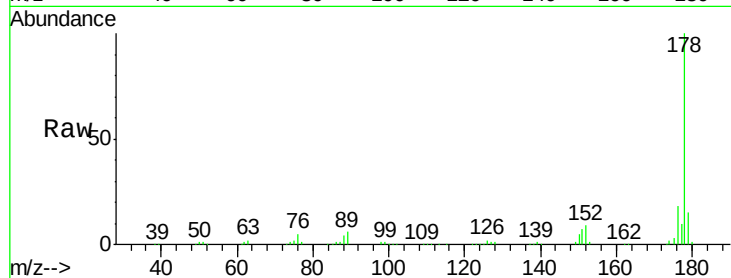




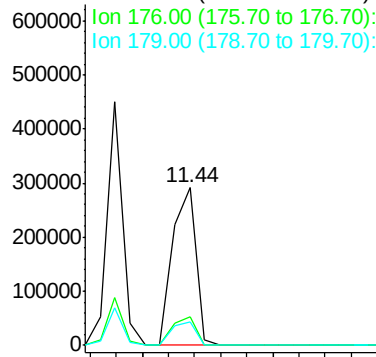
#71
 Anthracene
 Concen: 39.45 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

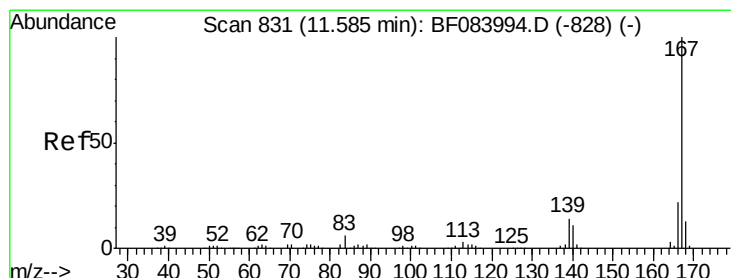
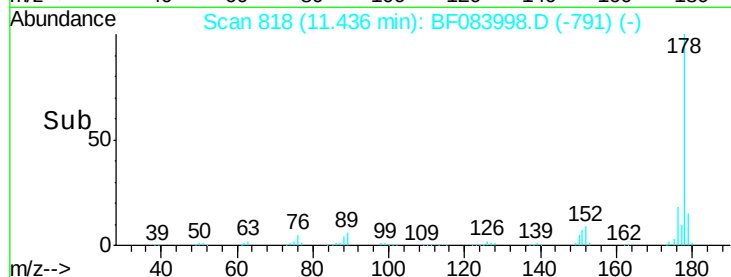
Tgt Ion:178 Resp: 362715
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.4 23.0
 179 15.0 12.5 18.7



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

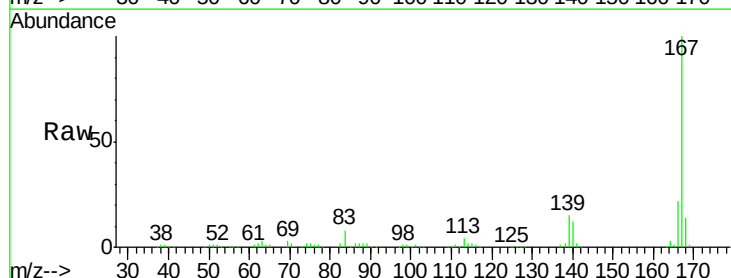


Time-->

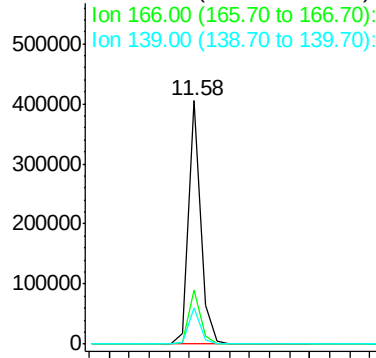


#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

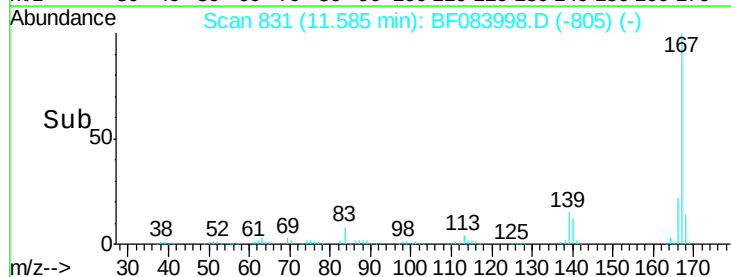
Tgt Ion:167 Resp: 340187
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.6 11.8 17.8

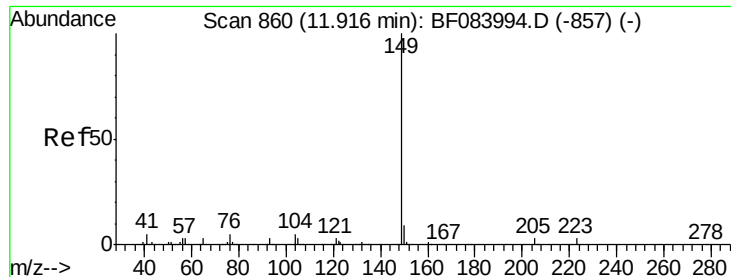


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 40.87 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

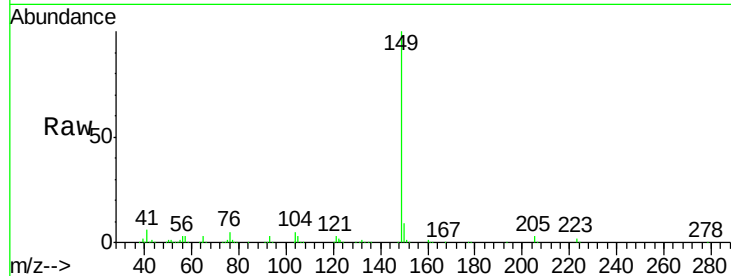
Tgt Ion:149 Resp: 436208

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

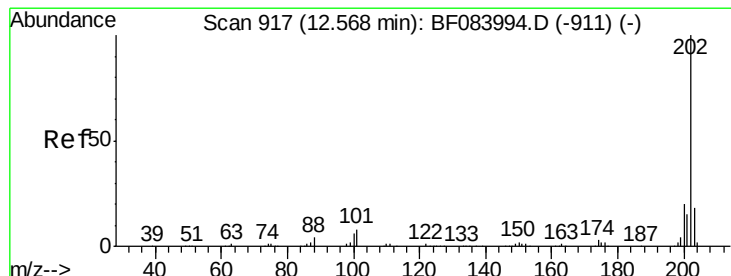
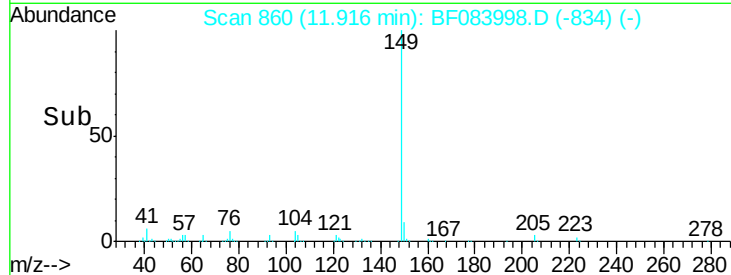
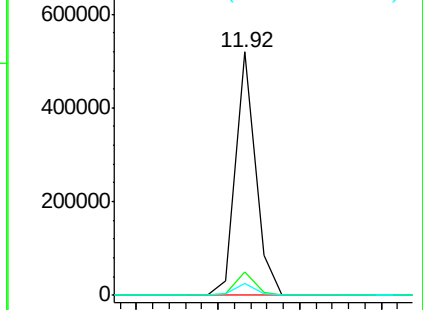
104 4.9 3.2 4.8#



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: 43.24 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

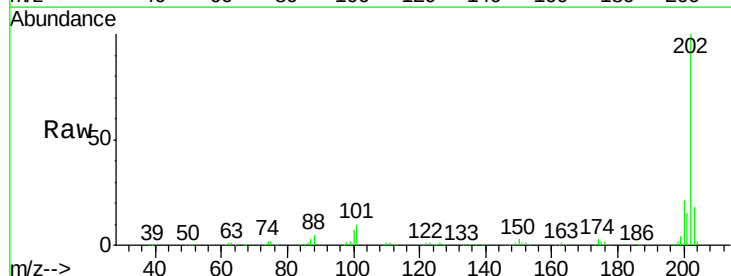
Tgt Ion:202 Resp: 388181

Ion Ratio Lower Upper

202 100

101 9.6 0.0 32.8

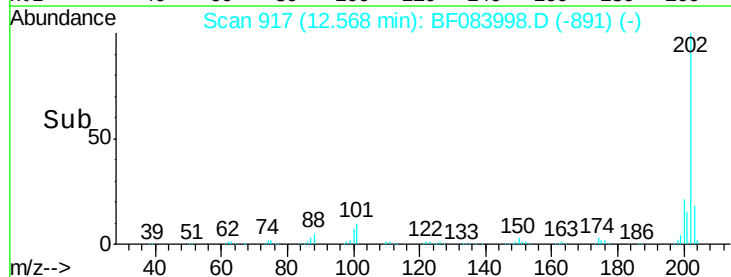
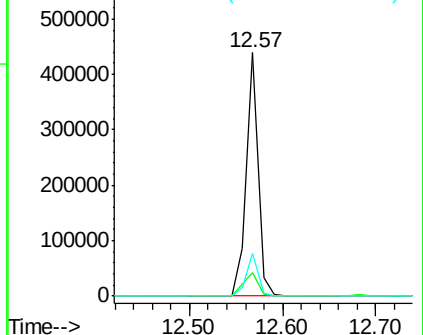
203 17.6 0.0 37.9

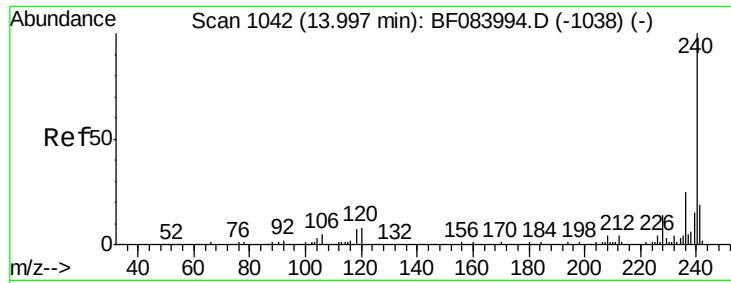


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

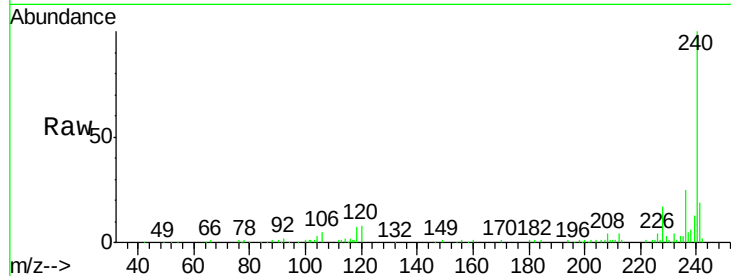
Tgt Ion:240 Resp: 116628

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

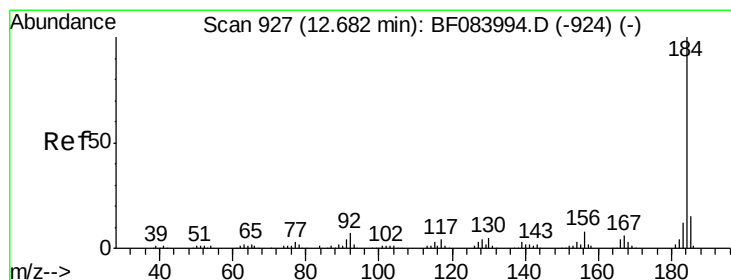
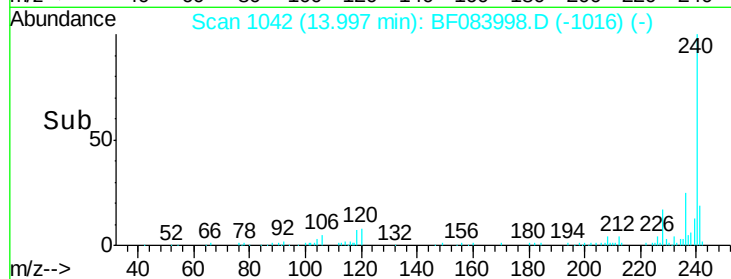
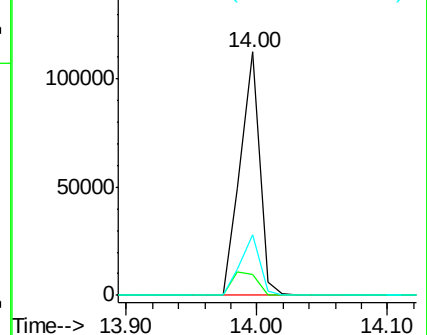
236 24.7 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.79 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

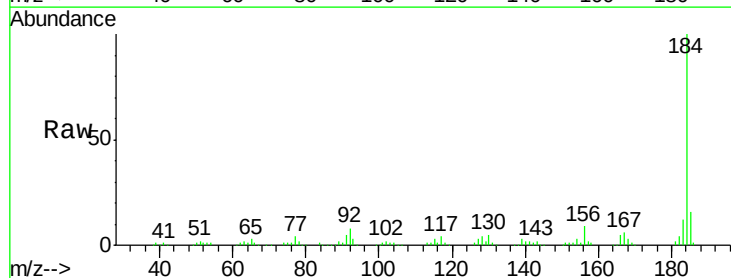
Tgt Ion:184 Resp: 202949

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

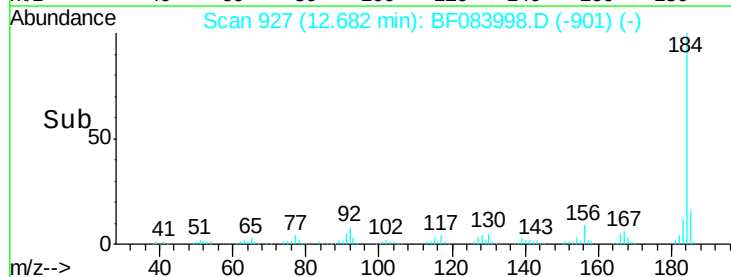
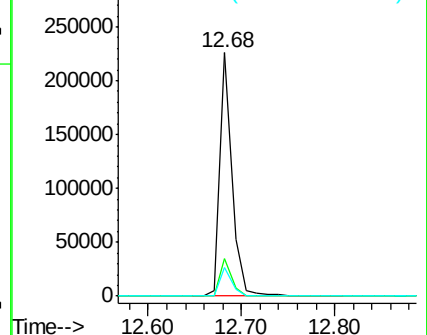
183 11.9 9.8 14.8

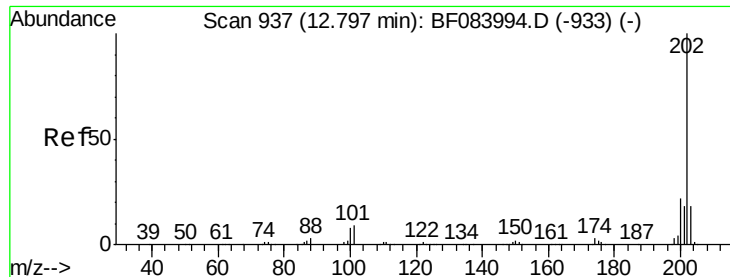


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

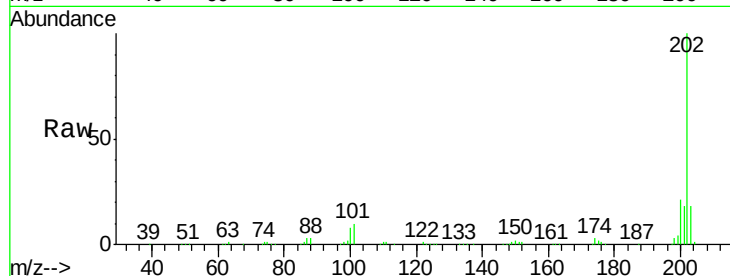




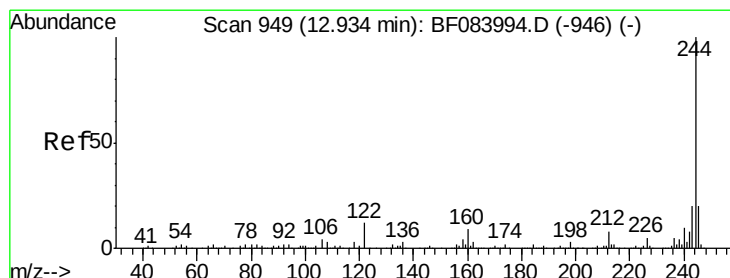
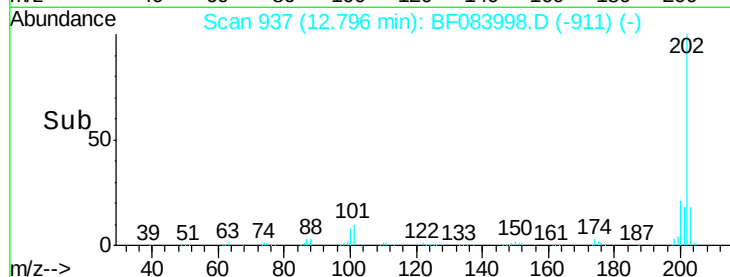
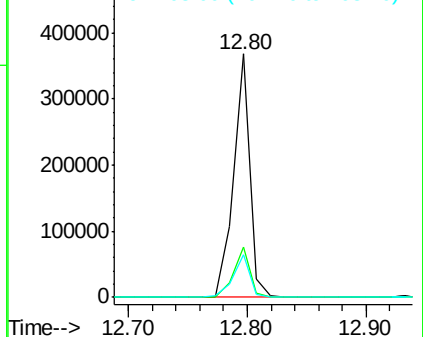
#77
Pyrene
 Concen: 44.04 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.2	25.8
203	17.5	14.3	21.5

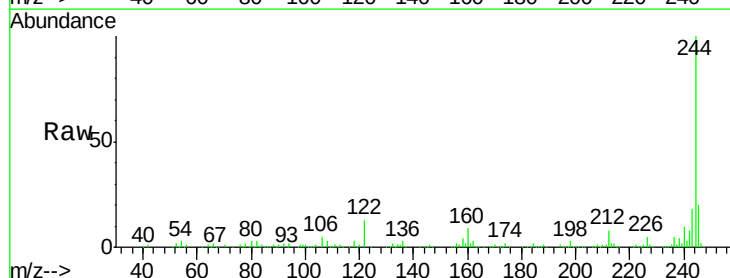


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

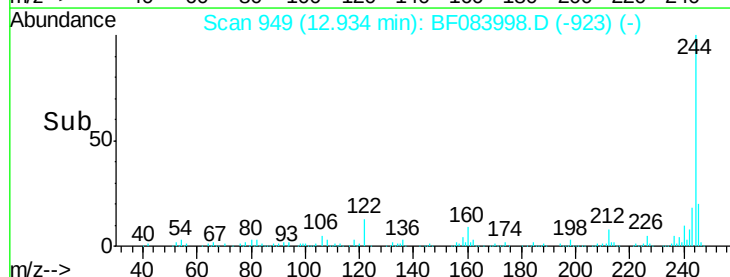
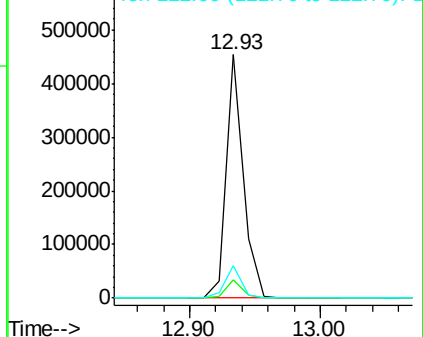


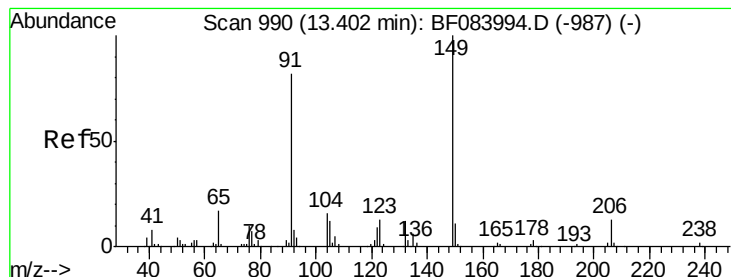
#78
Terphenyl-d14
 Concen: 84.46 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	13.2	7.4	11.0



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





#79

Butylbenzylphthalate

Concen: 45.36 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

Instrument :

BNA_F

ClientSampleId :

ICVBF122215

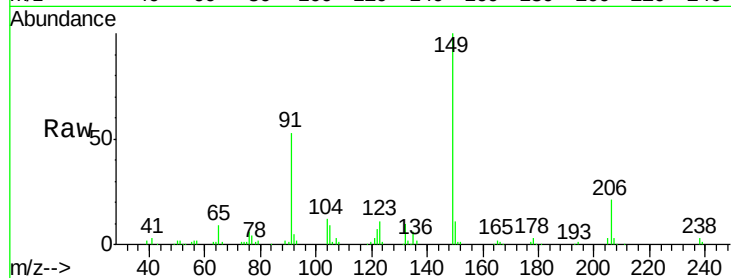
Tgt Ion:149 Resp: 165088

Ion Ratio Lower Upper

149 100

91 53.5 57.6 86.4#

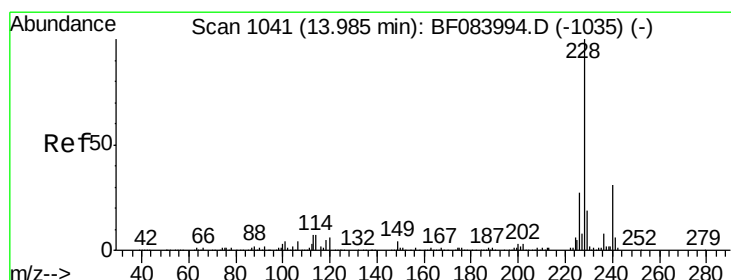
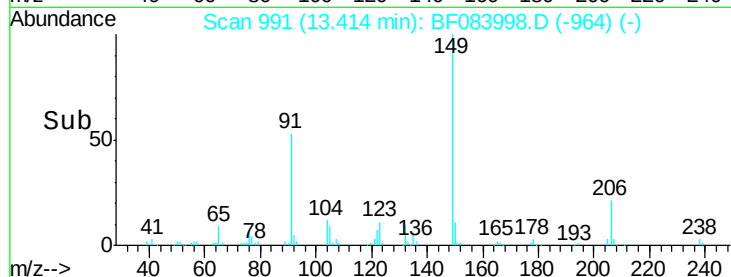
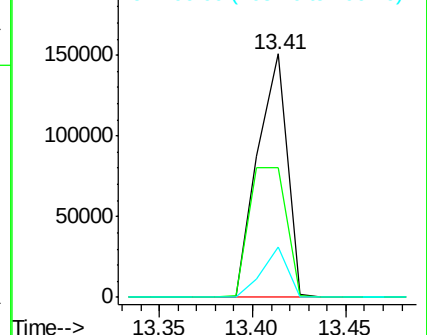
206 20.8 13.2 19.8#



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: 40.74 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF083998.D

Acq: 22 Dec 2015 18:54

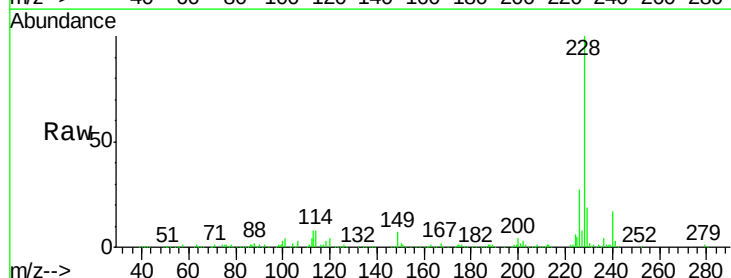
Tgt Ion:228 Resp: 273969

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

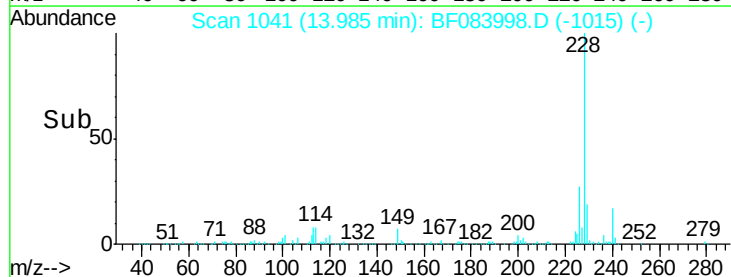
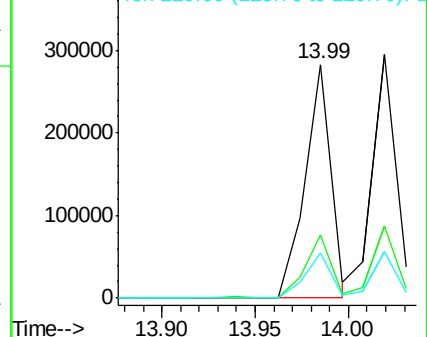
229 19.4 15.8 23.8

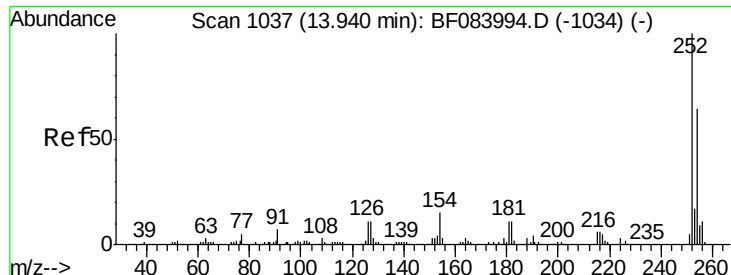


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

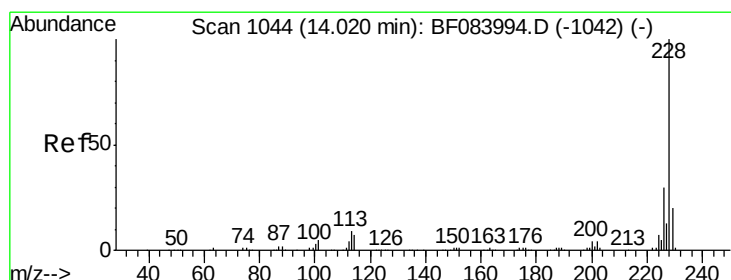
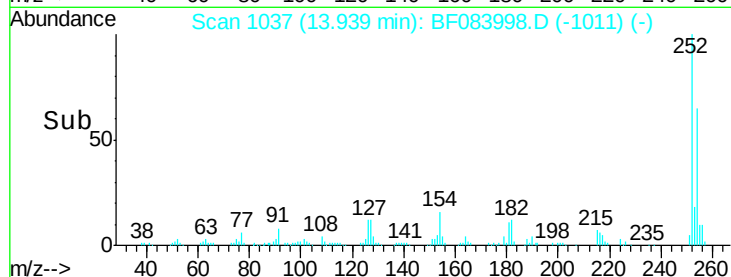
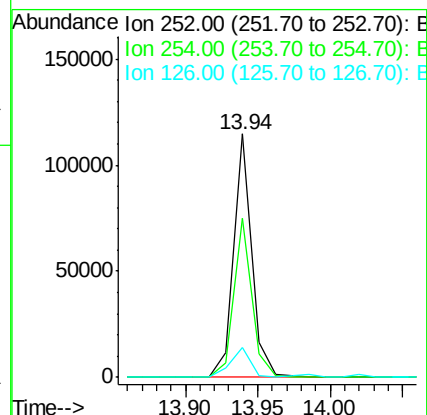
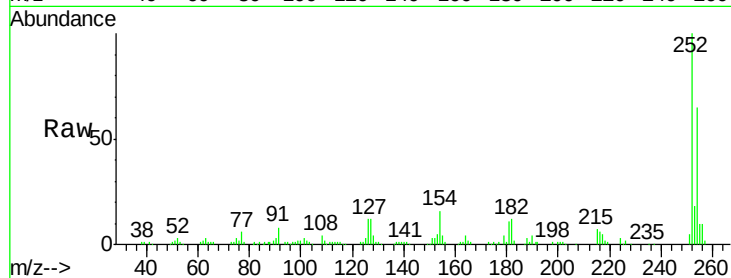




#81
 3,3'-Dichlorobenzidine
 Concen: 39.29 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

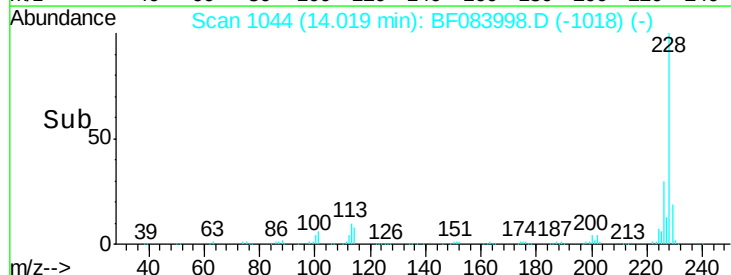
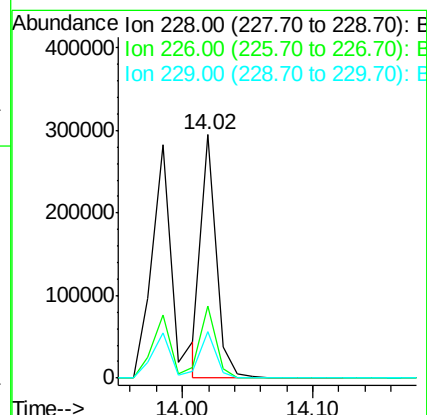
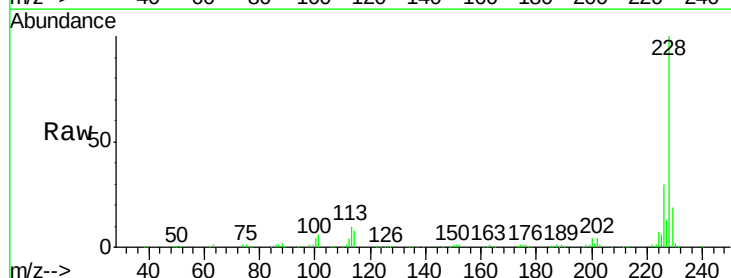
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

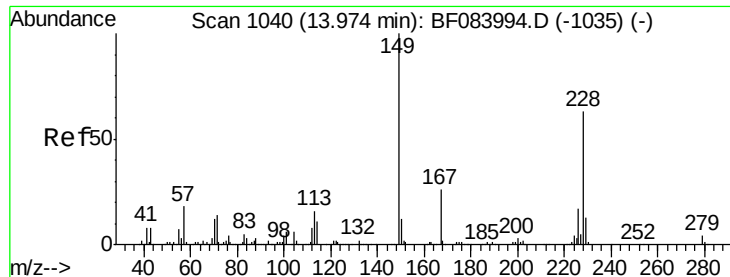
Tgt Ion: 252 Resp: 99370
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.5 80.3
 126 12.2 4.9 7.3#



#82
 Chrysene
 Concen: 37.68 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion: 228 Resp: 235232
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 19.2 16.1 24.1

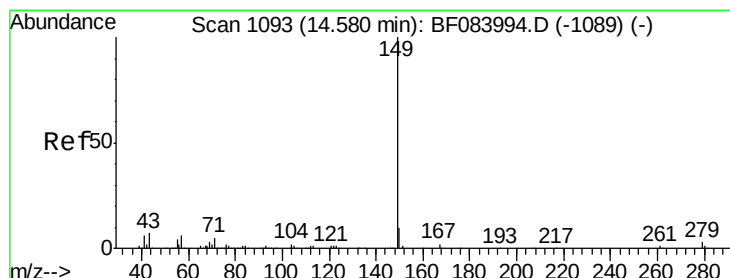
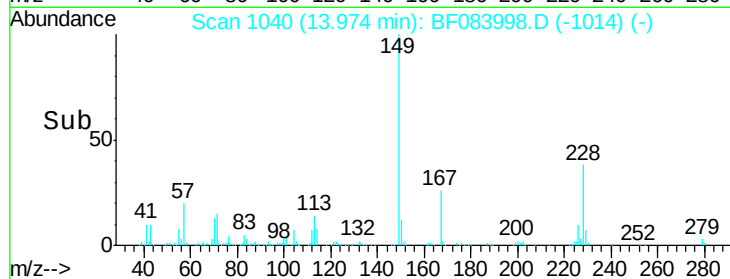
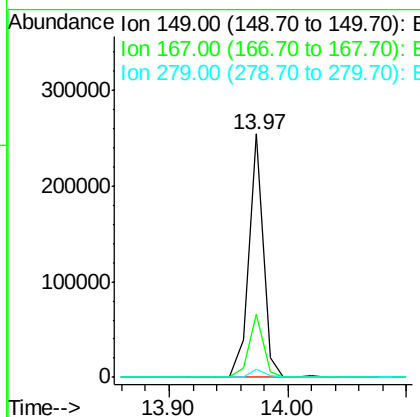
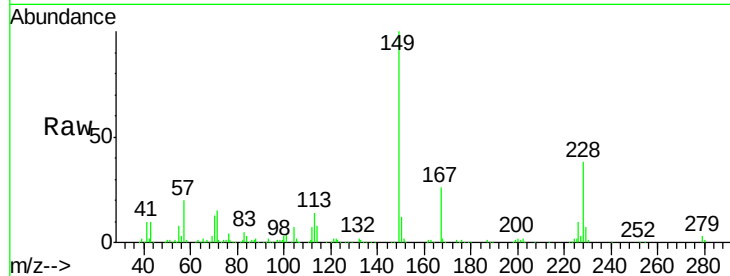




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.10 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

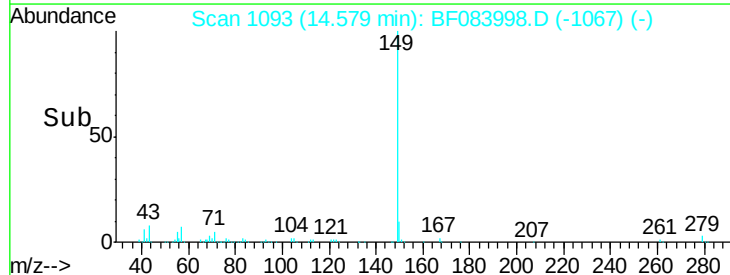
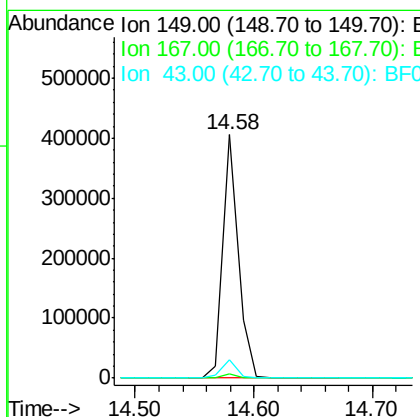
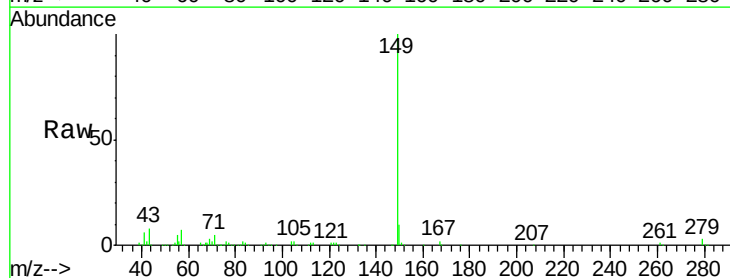
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

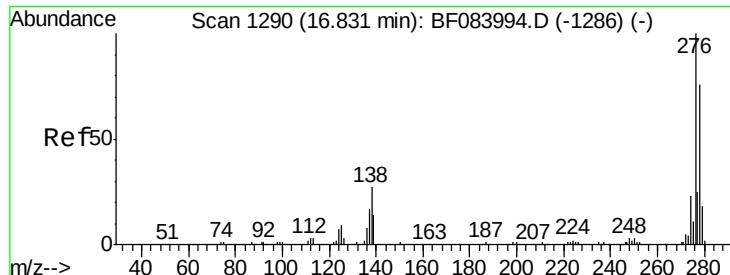
Tgt Ion:149 Resp: 217535
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.7 29.5
 279 3.2 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 46.79 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion:149 Resp: 363152
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 5.6 8.4

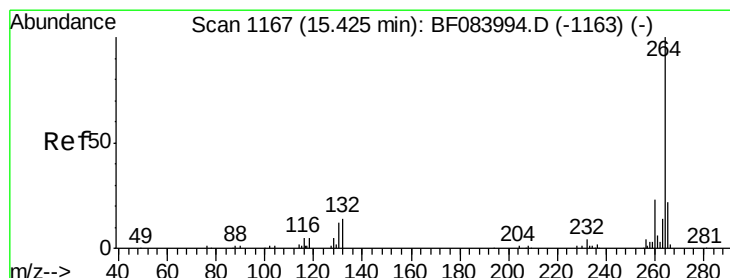
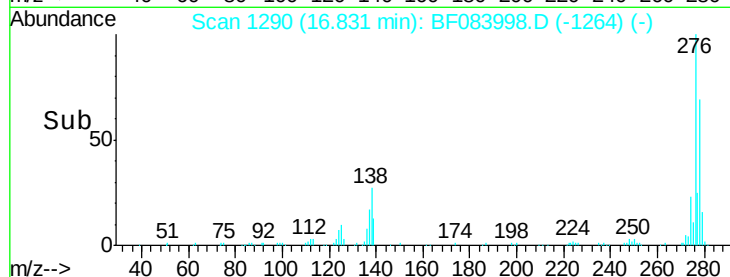
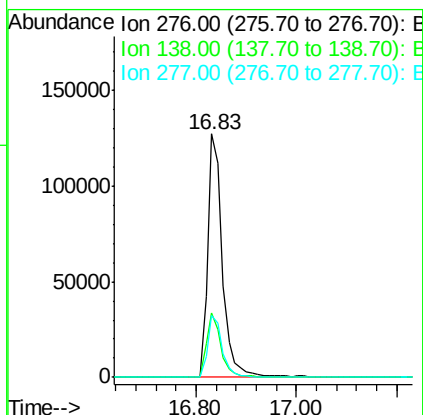
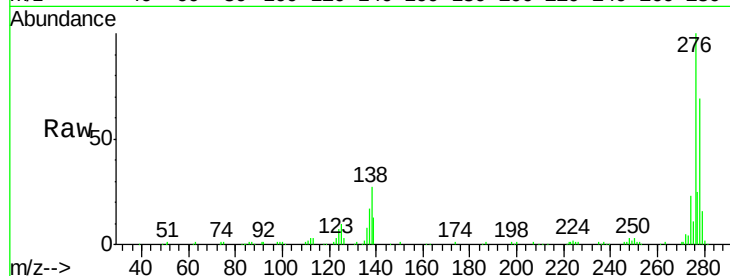




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.83 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

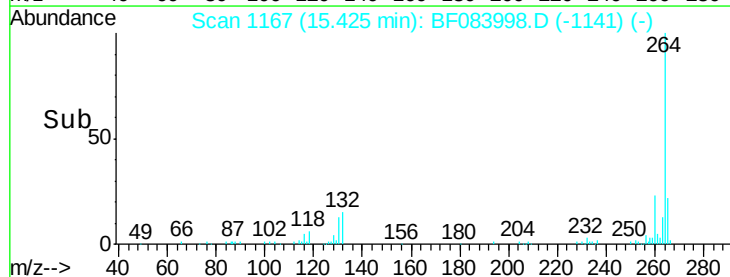
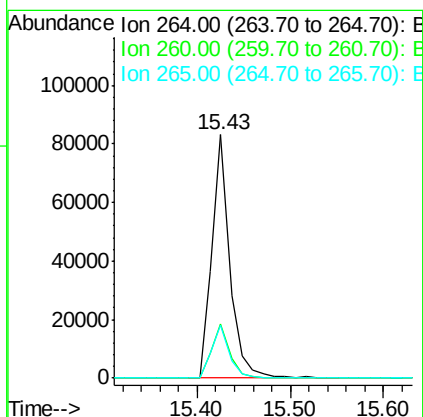
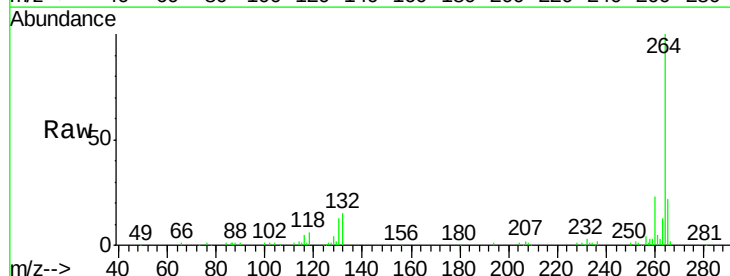
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF122215

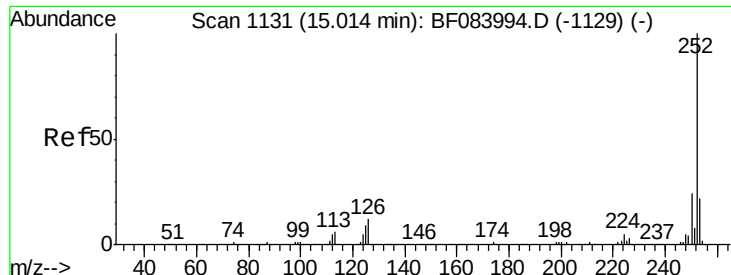
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF083998.D
 Acq: 22 Dec 2015 18:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.4	29.2
265	21.9	17.8	26.6

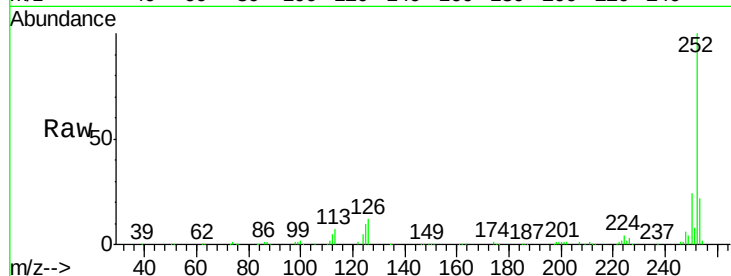




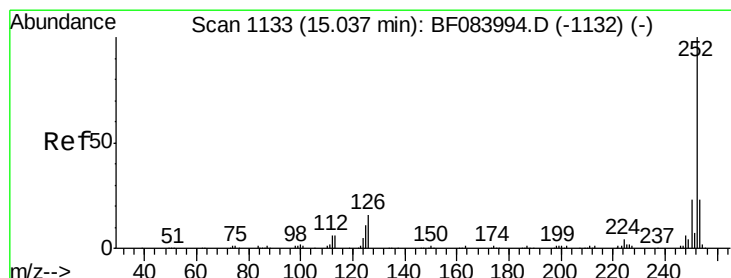
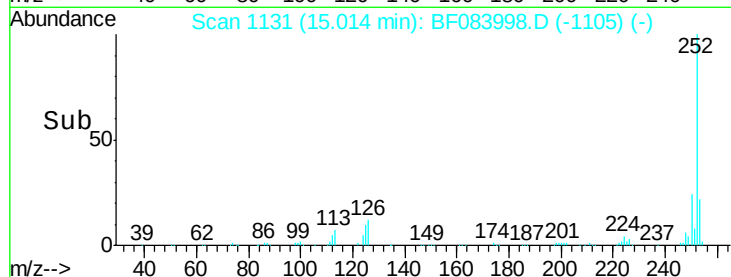
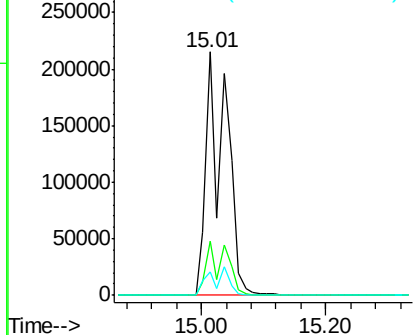
#87
Benzo(b)fluoranthene
Concen: 67.84 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Instrument :
BNA_F
ClientSampleId :
ICVBF122215

Tgt Ion:252 Resp: 473774
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.9 6.5 9.7#

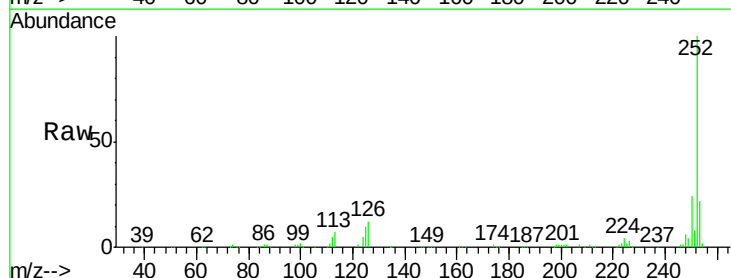


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

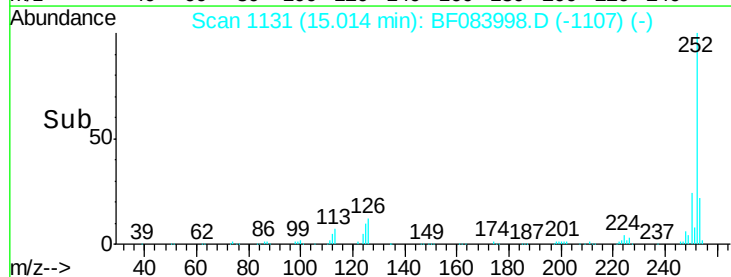
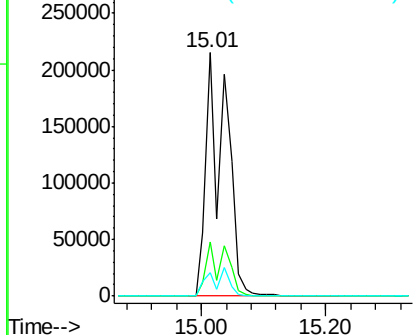


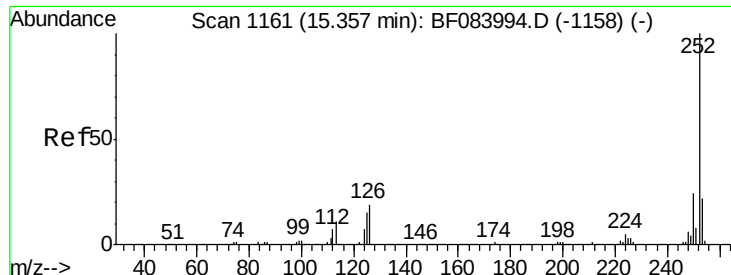
#88
Benzo(k)fluoranthene
Concen: 71.33 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion:252 Resp: 473774
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.9 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

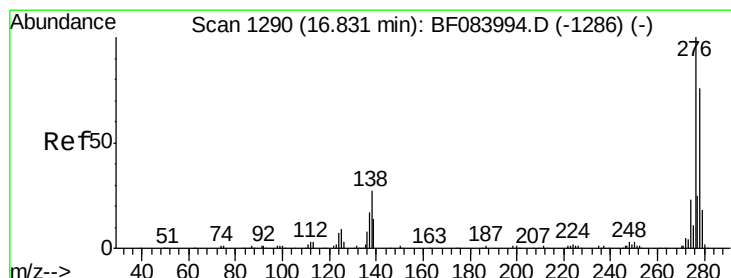
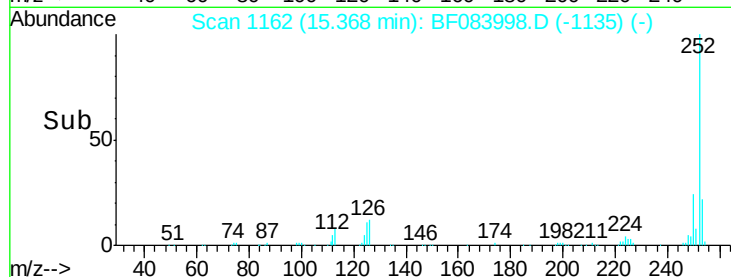
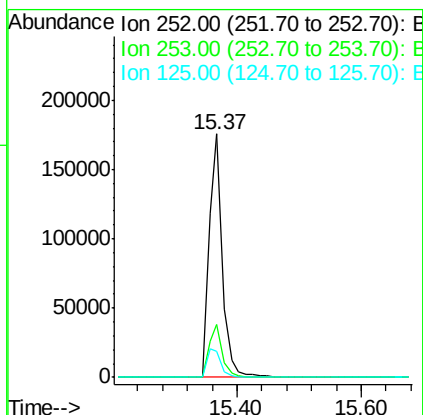
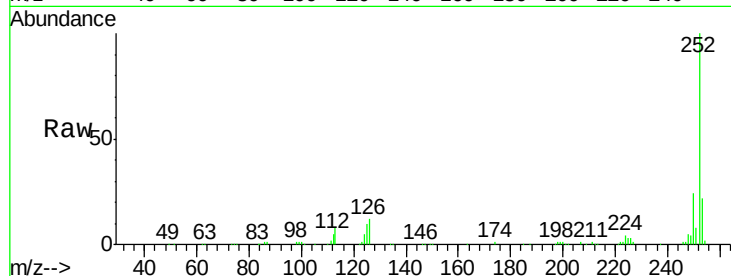




#89
Benzo(a)pyrene
Concen: 39.16 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

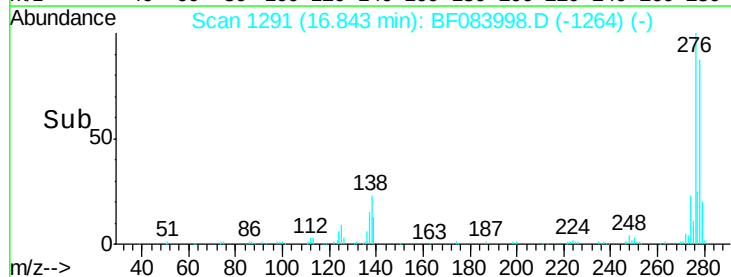
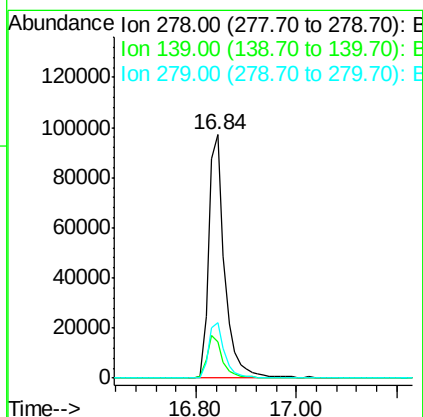
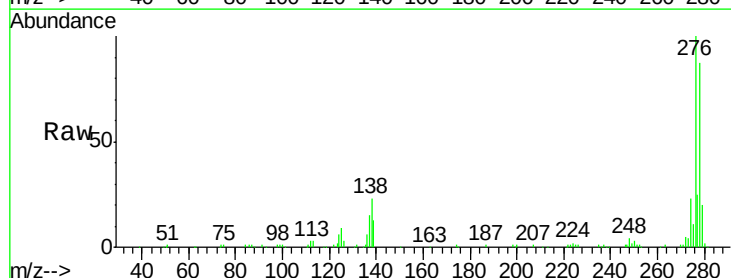
Instrument :
BNA_F
ClientSampleId :
ICVBF122215

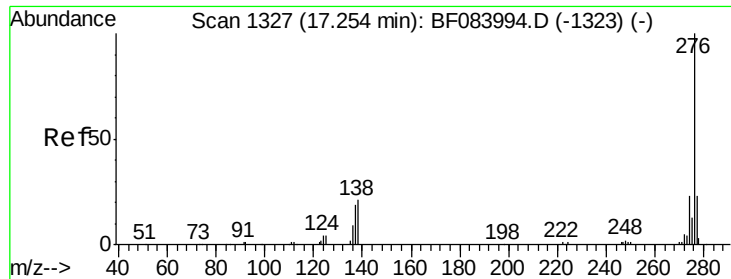
Tgt Ion: 252 Resp: 253273
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.5 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 39.75 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF083998.D
Acq: 22 Dec 2015 18:54

Tgt Ion: 278 Resp: 213077
Ion Ratio Lower Upper
278 100
139 14.9 15.0 22.4#
279 23.0 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 45.18 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF083998.D

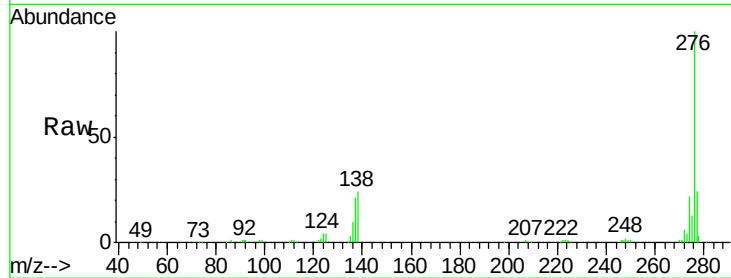
Acq: 22 Dec 2015 18:54

Instrument :

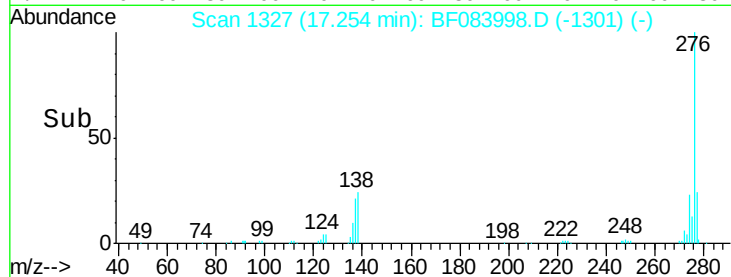
BNA_F

ClientSampleId :

ICVBF122215



Tgt Ion:	276	Resp:	244936
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	23.5	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

