

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084026.D
 Acq On : 23 Dec 2015 8:55
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 10:09:35 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	45608	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	179446	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	90036	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	174248	20.00	ng	0.00
75) Chrysene-d12	14.00	240	156874	20.00	ng	0.00
86) Perylene-d12	15.43	264	118764	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	212804	79.56	ng	0.00
7) Phenol-d6	6.48	99	248049	78.87	ng	0.00
23) Nitrobenzene-d5	7.40	82	246513	84.39	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	76334	88.14	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	543600	81.26	ng	0.00
78) Terphenyl-d14	12.93	244	501192	76.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	44118	34.64	ng	99
3) Pyridine	3.12	79	114903	39.64	ng	96
4) n-Nitrosodimethylamine	3.06	42	48745	45.24	ng	94
6) Aniline	6.49	93	170743	39.23	ng	# 64
8) 2-Chlorophenol	6.62	128	124852	40.53	ng	85
9) Benzaldehyde	6.37	77	83535	39.77	ng	97
10) Phenol	6.49	94	140087	38.50	ng	# 58
11) bis(2-Chloroethyl)ether	6.57	93	110715	39.82	ng	100
12) 1,3-Dichlorobenzene	6.77	146	142529	41.65	ng	99
13) 1,4-Dichlorobenzene	6.84	146	138975	41.59	ng	97
14) 1,2-Dichlorobenzene	7.00	146	139787	43.76	ng	98
15) Benzyl Alcohol	6.98	79	112089	45.26	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	109925	40.95	ng	92
17) 2-Methylphenol	7.09	107	96840	39.47	ng	95
18) Hexachloroethane	7.34	117	52274	42.65	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	81419	42.72	ng	99
20) 3+4-Methylphenols	7.25	107	127403	42.08	ng	# 58
22) Acetophenone	7.24	105	171097	40.64	ng	# 93
24) Nitrobenzene	7.41	77	124690	41.42	ng	98
25) Isophorone	7.65	82	221291	39.98	ng	100
26) 2-Nitrophenol	7.73	139	69190	42.71	ng	90
27) 2,4-Dimethylphenol	7.78	122	120025	42.50	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	145594	42.47	ng	99
29) 2,4-Dichlorophenol	7.98	162	105846	41.95	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	106463	40.45	ng	# 95
31) Naphthalene	8.13	128	356857	38.93	ng	99
32) Benzoic acid	7.92	122	50806	40.00	ng	94
33) 4-Chloroaniline	8.19	127	164615	43.91	ng	# 92
34) Hexachlorobutadiene	8.26	225	66848	42.50	ng	99
35) Caprolactam	8.57	113	32953	43.47	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	121825	45.14	ng	95
37) 2-Methylnaphthalene	8.83	142	268007	45.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	116901	43.19	ng	98
40) Hexachlorocyclopentadiene	8.99	237	22612	33.88	ng	98

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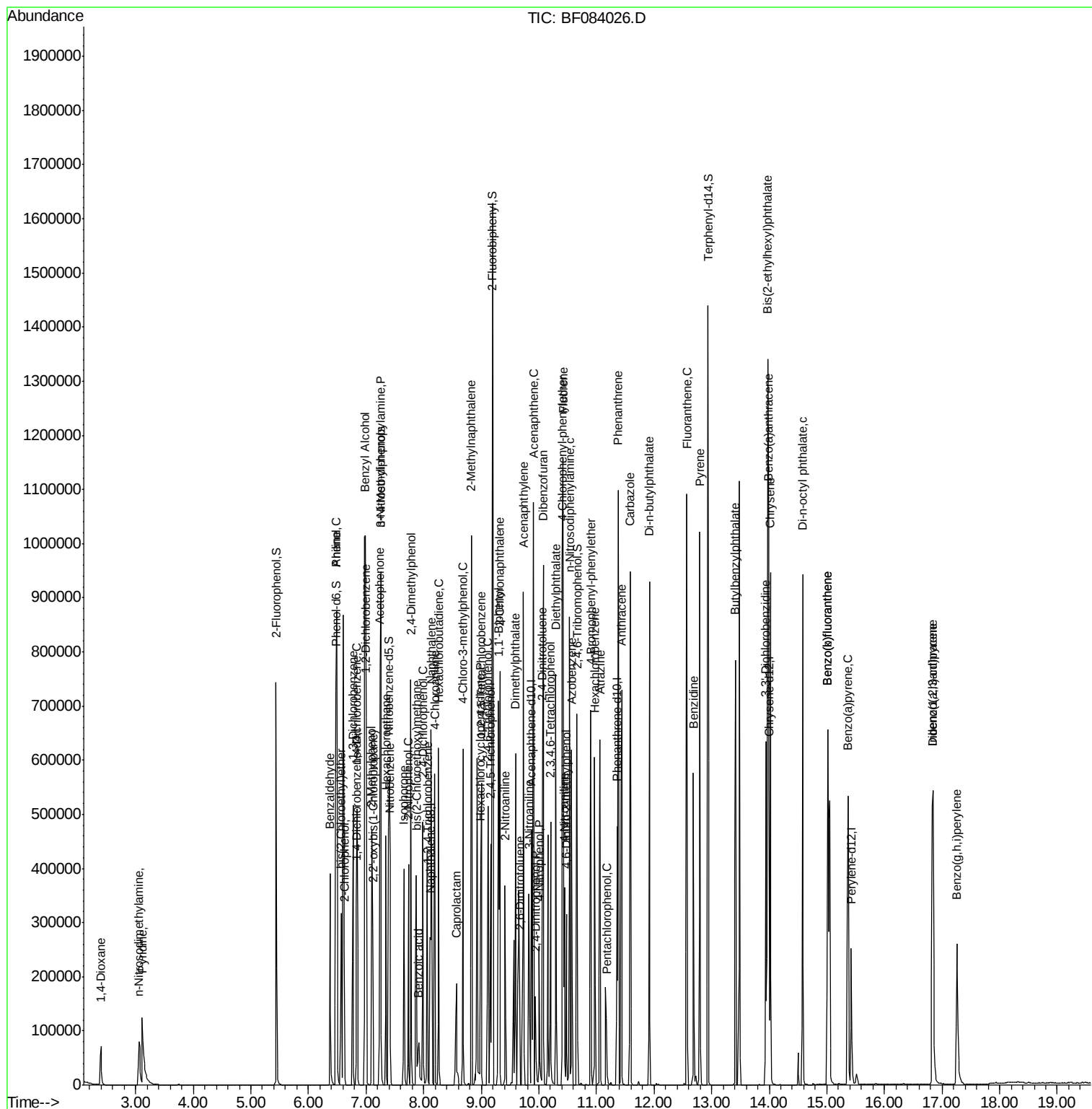
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42) 2,4,6-Trichlorophenol	9.12	196	70954	43.53	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	74078	43.67	nq	95
45) 1,1'-Biphenyl	9.30	154	321746	40.42	nq	96
46) 2-Chloronaphthalene	9.32	162	244719	42.71	nq	95
47) 2-Nitroaniline	9.41	65	59932	38.37	nq	87
48) Acenaphthylene	9.73	152	380077	41.89	nq	99
49) Dimethylphthalate	9.60	163	278323	39.50	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	60923	40.97	nq	# 85
51) Acenaphthene	9.90	154	222462	41.23	nq	99
52) 3-Nitroaniline	9.82	138	62942	39.86	nq	96
53) 2,4-Dinitrophenol	9.94	184	24019	41.98	nq	# 74
54) Dibenzofuran	10.08	168	334605	41.43	nq	93
55) 4-Nitrophenol	10.01	139	41752	44.99	nq	97
56) 2,4-Dinitrotoluene	10.06	165	84226	45.06	nq	97
57) Fluorene	10.42	166	277273	43.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	63104	47.18	nq	93
59) Diethylphthalate	10.29	149	288272	41.63	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	116363	39.69	nq	# 84
61) 4-Nitroaniline	10.44	138	64586	39.97	nq	96
62) Azobenzene	10.57	77	263523	43.11	nq	90
64) 4,6-Dinitro-2-methylphenol	10.48	198	40391	39.65	nq	85
65) n-Nitrosodiphenylamine	10.53	169	252240	39.19	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	80147	40.11	nq	# 78
67) Hexachlorobenzene	10.97	284	80331	36.83	nq	# 74
68) Atrazine	11.06	200	76162	39.15	nq	99
69) Pentachlorophenol	11.17	266	28956	40.05	nq	96
70) Phenanthrene	11.38	178	391535	39.76	nq	98
71) Anthracene	11.44	178	394603	39.45	nq	98
72) Carbazole	11.58	167	356596	38.13	nq	99
73) Di-n-butylphthalate	11.92	149	463624	39.93	nq	# 98
74) Fluoranthene	12.57	202	425311	43.55	nq	97
76) Benzidine	12.68	184	205879	36.80	nq	99
77) Pyrene	12.80	202	428782	40.29	nq	99
79) Butylbenzylphthalate	13.41	149	223842	45.73	nq	85
80) Benzo(a)anthracene	13.99	228	370161	40.92	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	126176	37.09	nq	# 96
82) Chrysene	14.02	228	310271	36.95	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	302069	44.50	nq	# 97
84) Di-n-octyl phthalate	14.58	149	484746	46.44	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	277778	39.99	nq	99
87) Benzo(b)fluoranthene	15.01	252	620673	82.90	nq	# 98
88) Benzo(k)fluoranthene	15.01	252	620673	87.16	nq	98
89) Benzo(a)pyrene	15.37	252	289367	41.73	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	234880	40.87	nq	# 94
91) Benzo(g,h,i)perylene	17.25	276	223130	38.39	nq	97

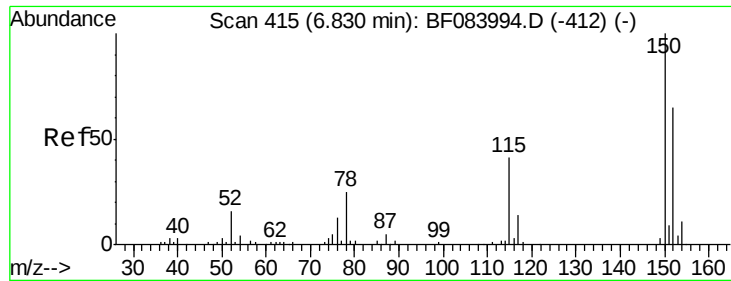
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Acq On    : 23 Dec 2015    8:55  
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Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
```

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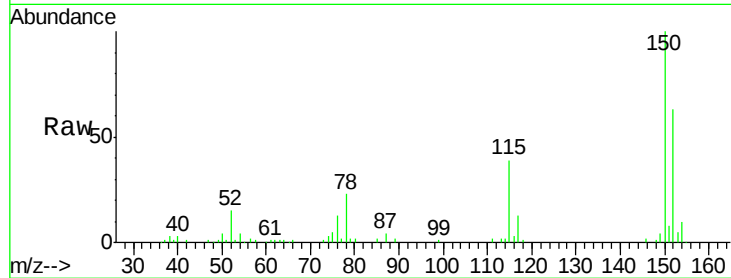


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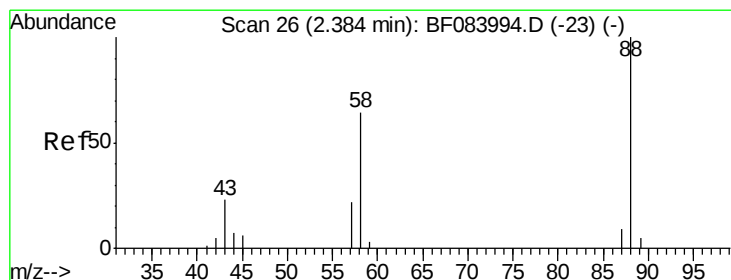
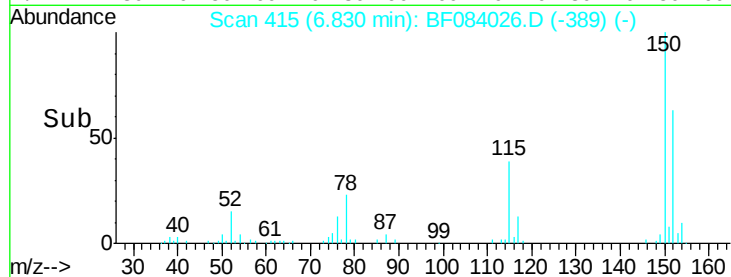
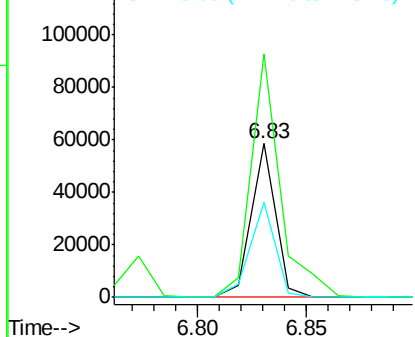
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45608
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.4
115 62.1 51.4 77.2



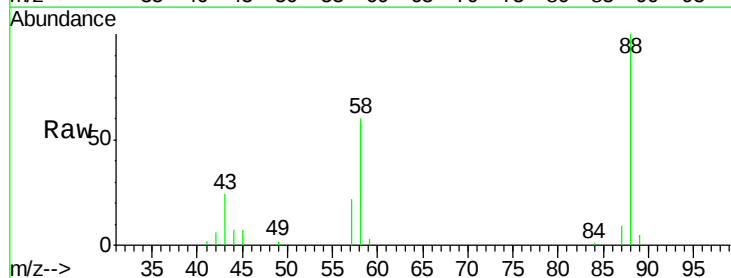
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



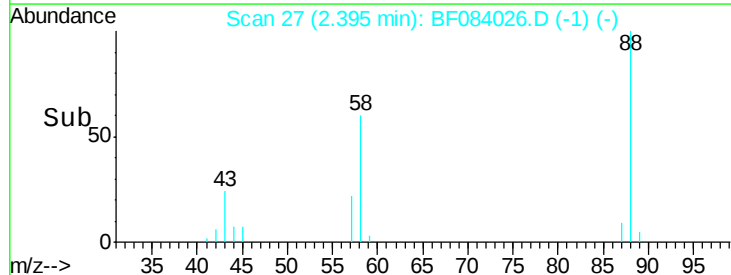
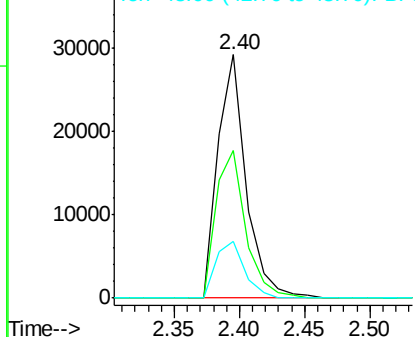
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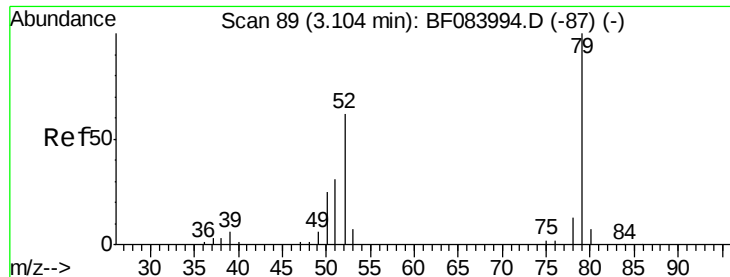
1,4-Dioxane
Concen: 34.64 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.01 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion: 88 Resp: 44118
Ion Ratio Lower Upper
88 100
58 63.3 51.2 76.8
43 23.9 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

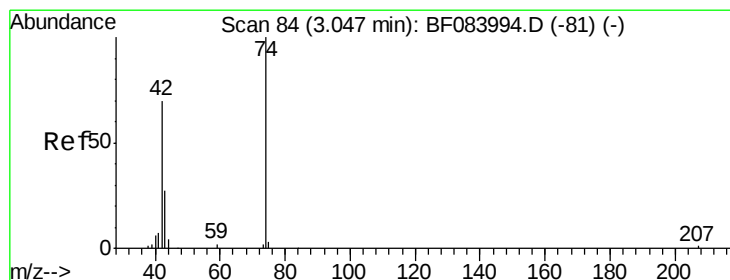
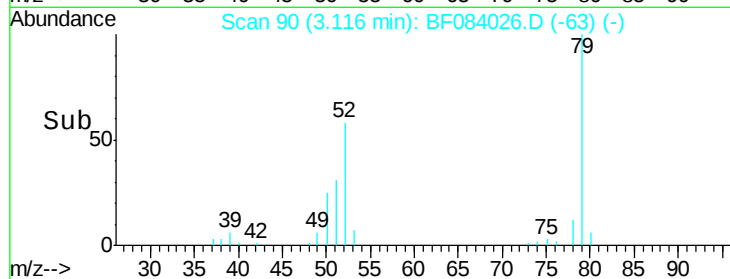
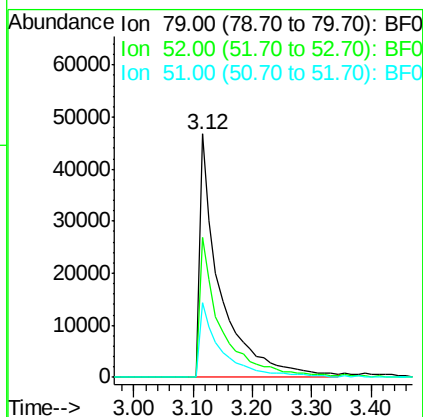
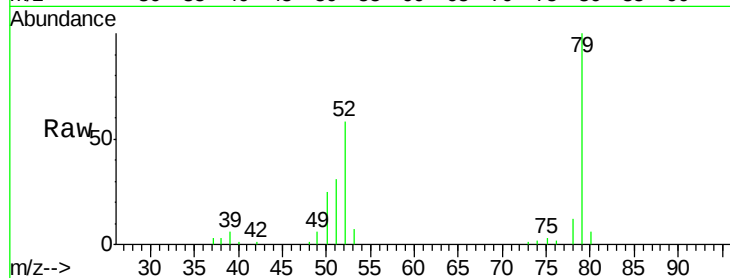




#3
 Pvridine
 Concen: 39.64 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

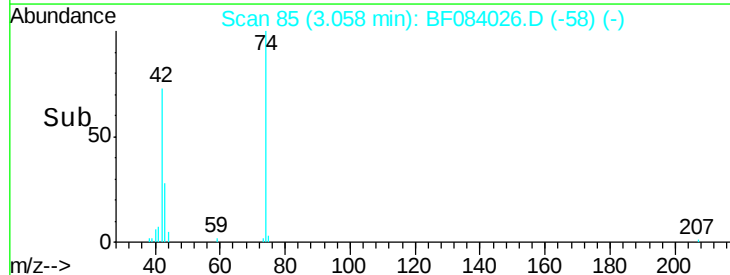
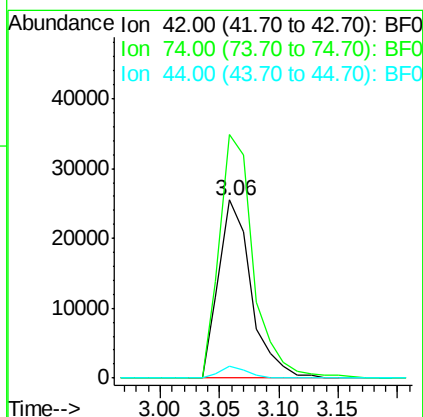
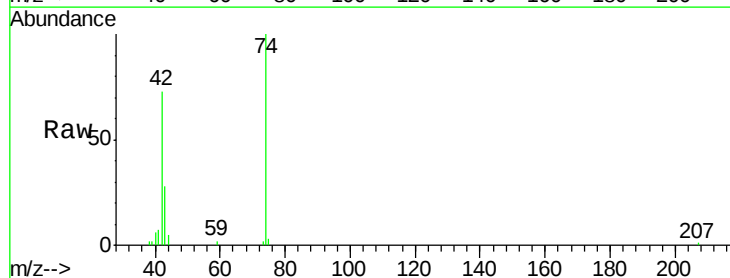
Instrument :
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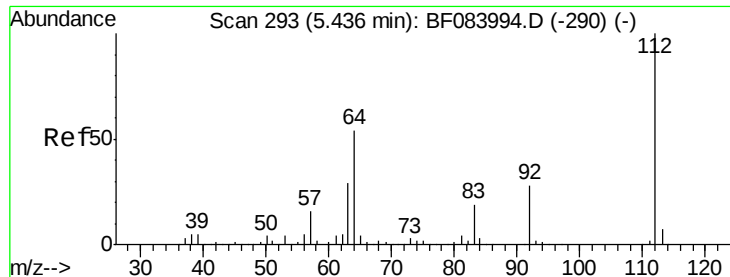
Tot Ion: 79 Resp: 114903
 Ion Ratio Lower Upper
 79 100
 52 57.5 49.0 73.4
 51 30.8 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 45.24 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion: 42 Resp: 48745
 Ion Ratio Lower Upper
 42 100
 74 136.7 115.7 173.5
 44 6.5 5.1 7.7





#5

2-Fluorophenol

Concen: 79.56 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

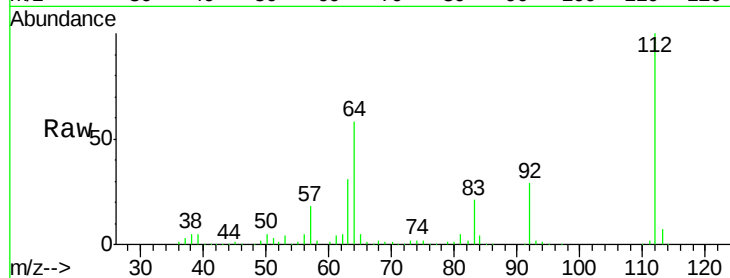
Tot Ion:112 Resp: 212804

Ion Ratio Lower Upper

112 100

64 57.8 36.6 55.0#

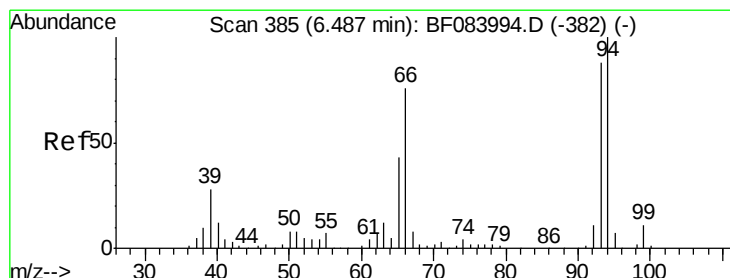
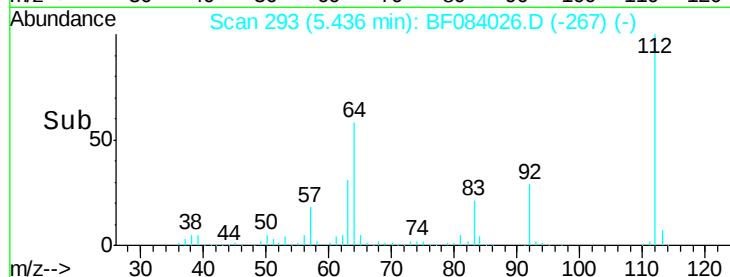
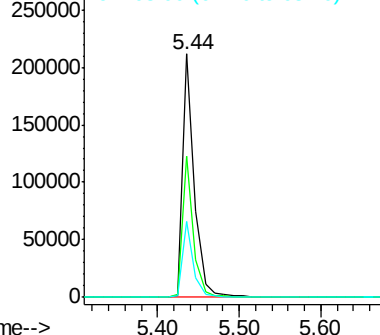
63 31.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.23 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

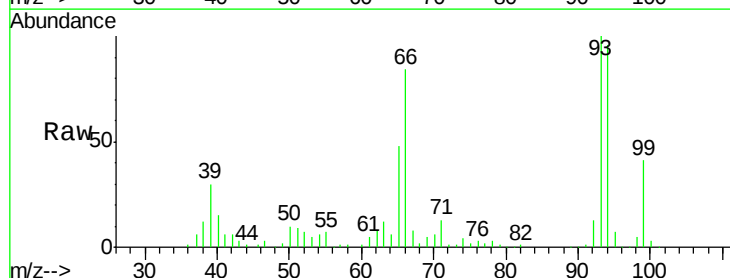
Tgt Ion: 93 Resp: 170743

Ion Ratio Lower Upper

93 100

66 84.0 44.9 67.3#

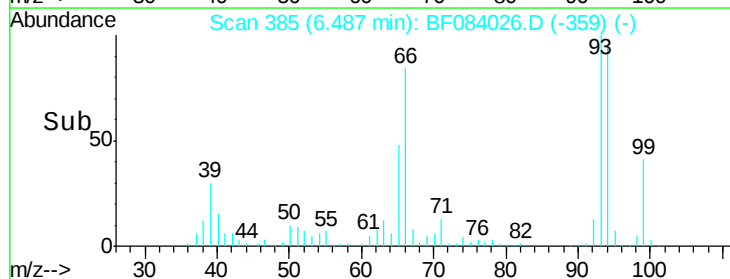
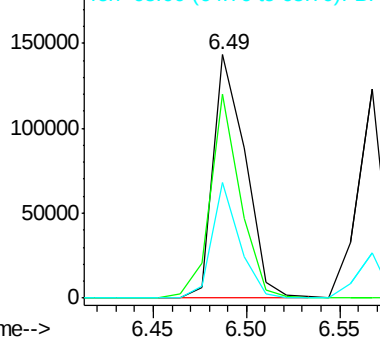
65 47.5 23.7 35.5#

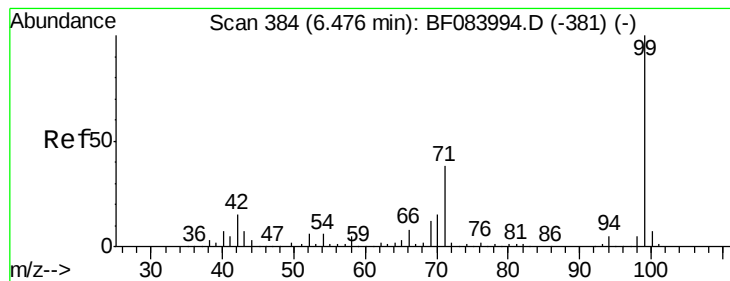


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.87 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

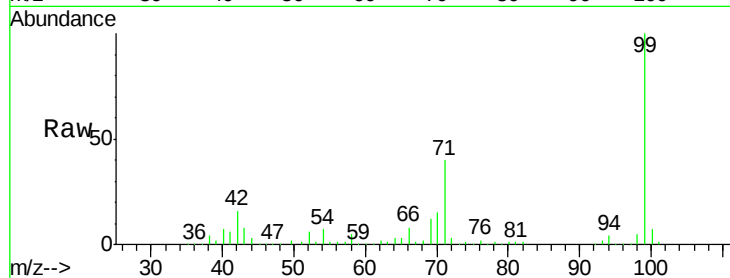
Tot Ion: 99 Resp: 248049

Ion Ratio Lower Upper

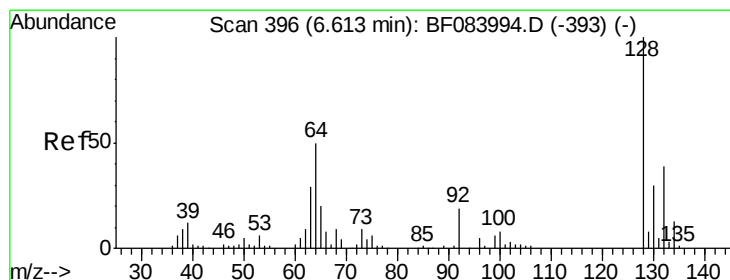
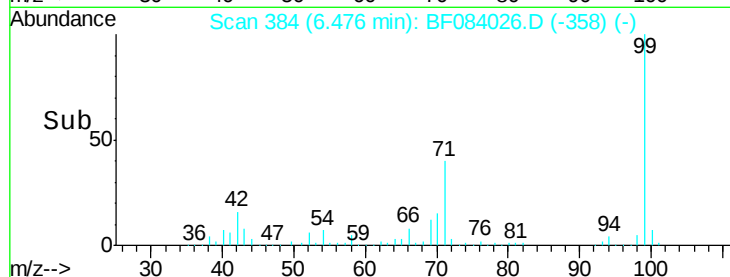
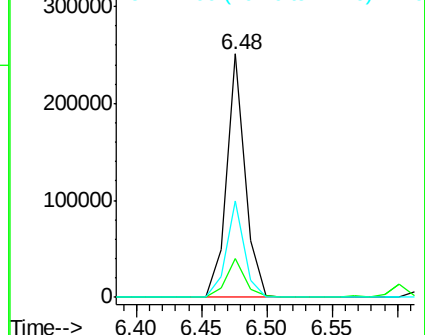
99 100

42 16.2 12.8 19.2

71 39.9 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: 40.53 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

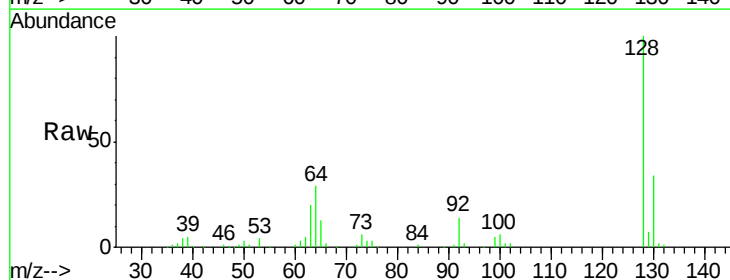
Tgt Ion: 128 Resp: 124852

Ion Ratio Lower Upper

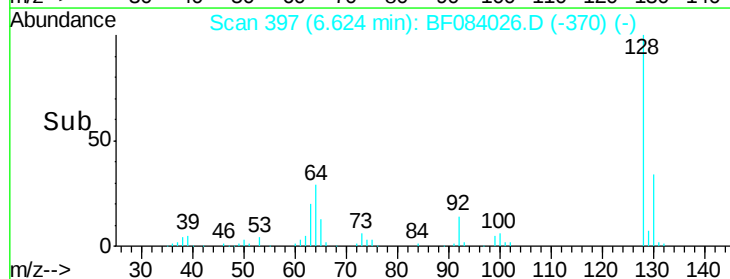
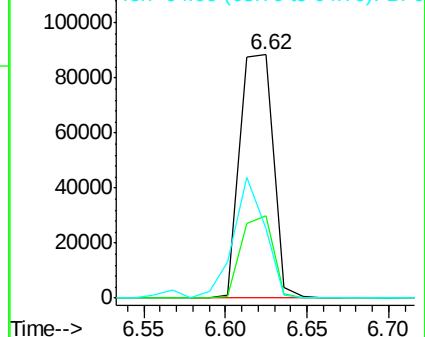
128 100

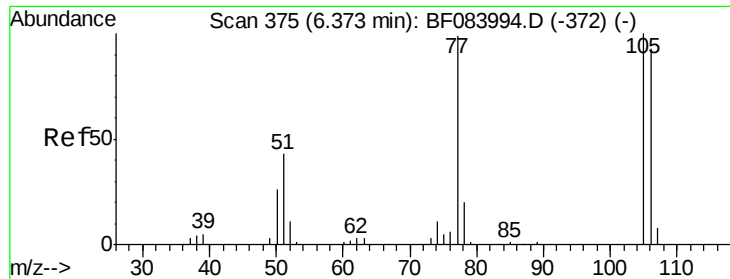
130 33.8 11.6 51.6

64 28.6 23.8 63.8



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

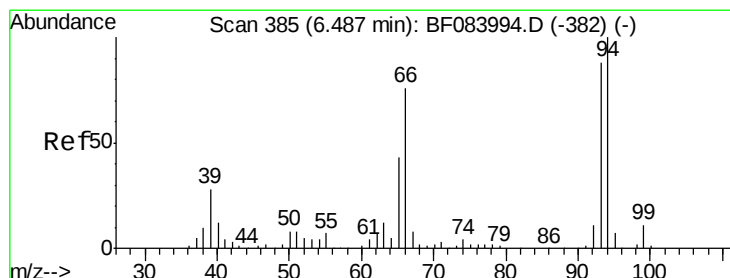
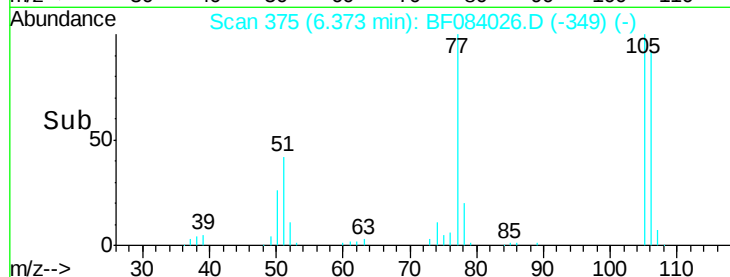
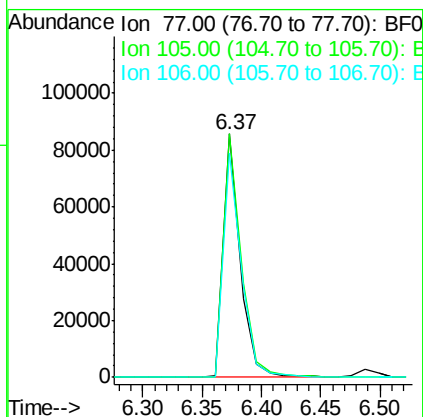
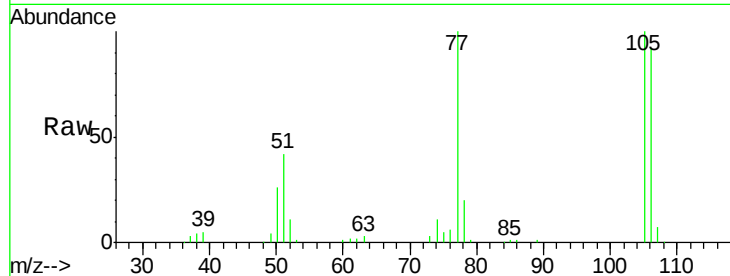




#9
Benzaldehyde
Concen: 39.77 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

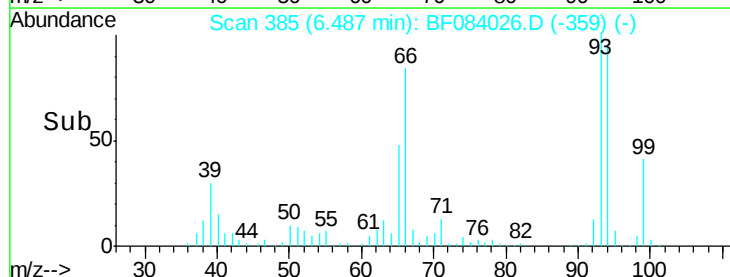
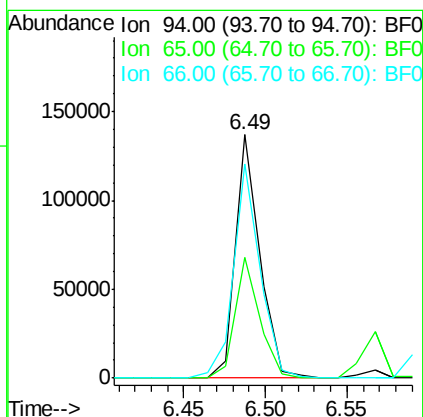
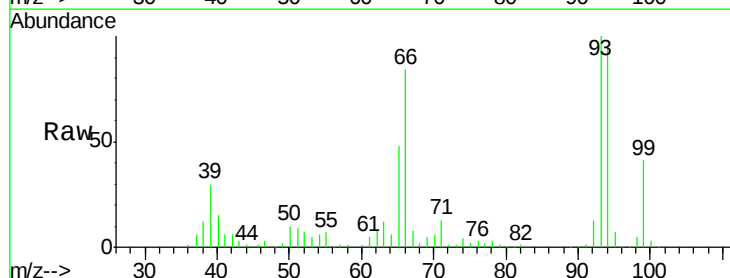
Instrument :
BNA_F
ClientSampled :

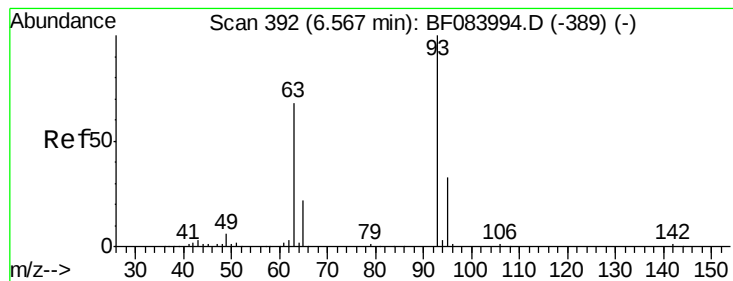
Tot Ion: 77 Resp: 83535
Ion Ratio Lower Upper
77 100
105 100.1 83.0 123.0
106 92.3 74.6 114.6



#10
Phenol
Concen: 38.50 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion: 94 Resp: 140087
Ion Ratio Lower Upper
94 100
65 49.7 12.9 52.9
66 87.9 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 39.82 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

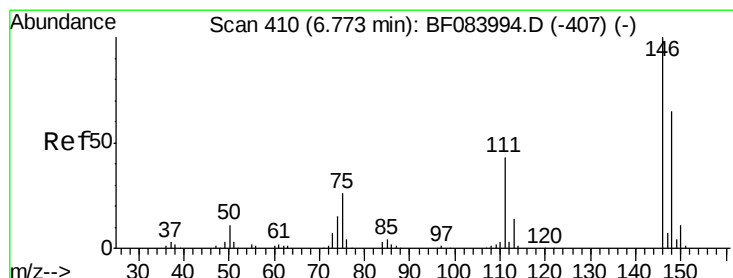
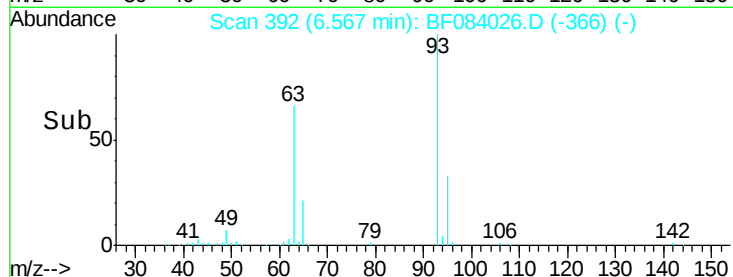
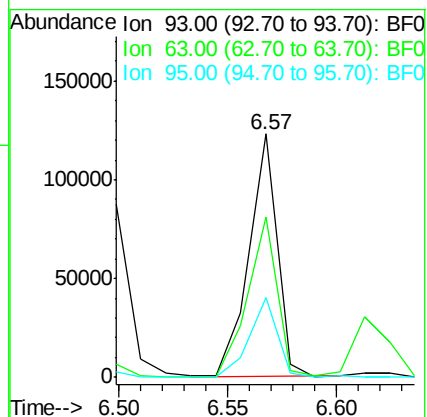
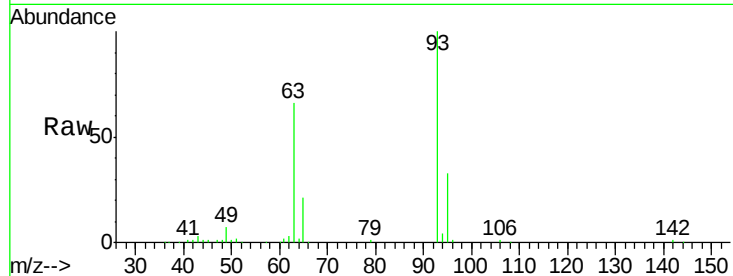
Tot Ion: 93 Resp: 110715

Ion Ratio Lower Upper

93 100

63 65.8 45.9 85.9

95 32.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.65 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

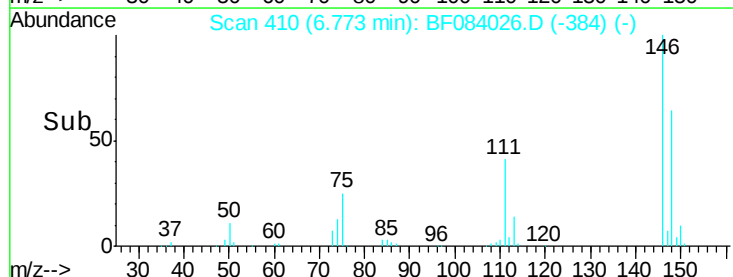
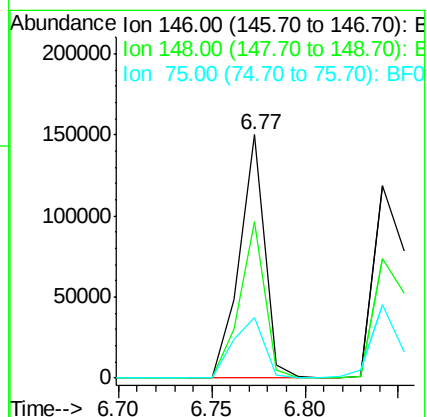
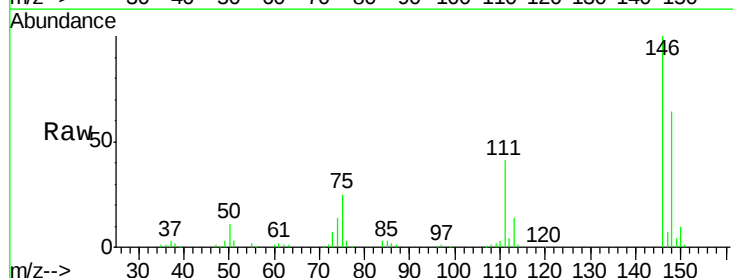
Tgt Ion: 146 Resp: 142529

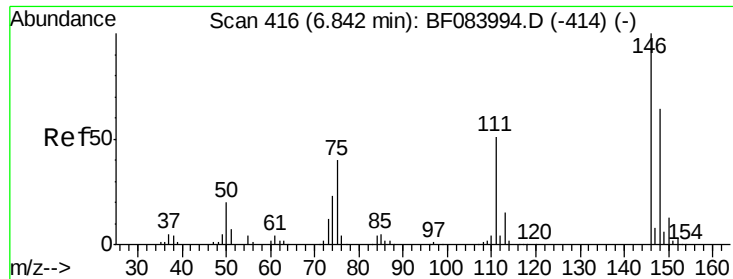
Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

75 25.0 20.5 30.7

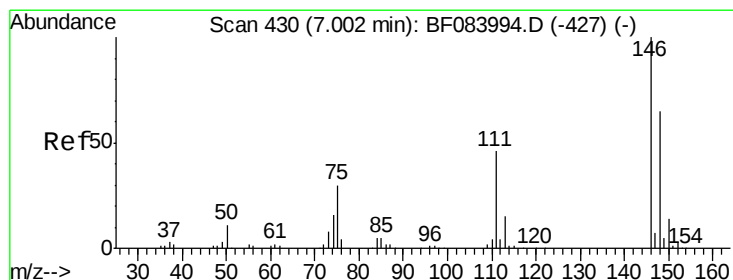
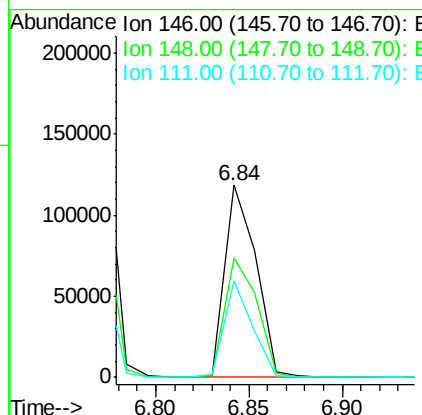
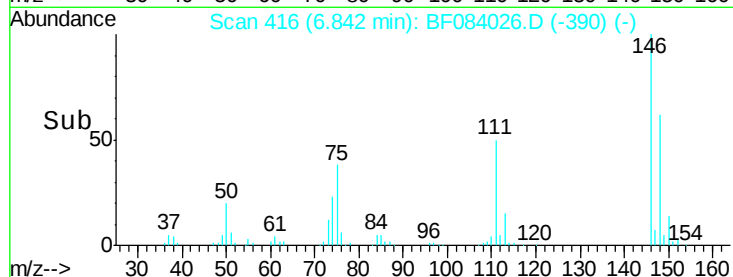
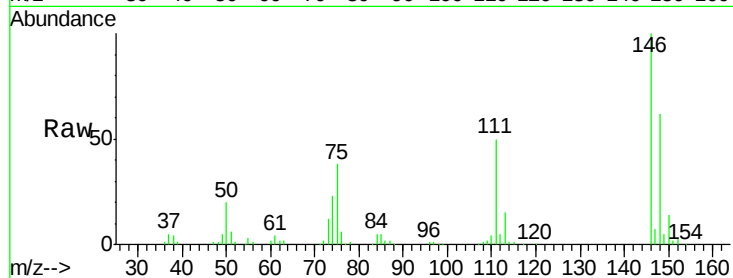




#13
 1,4-Dichlorobenzene
 Concen: 41.59 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

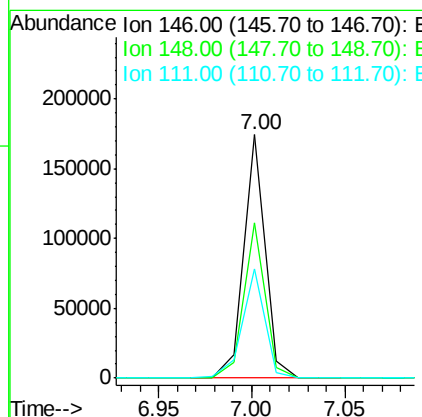
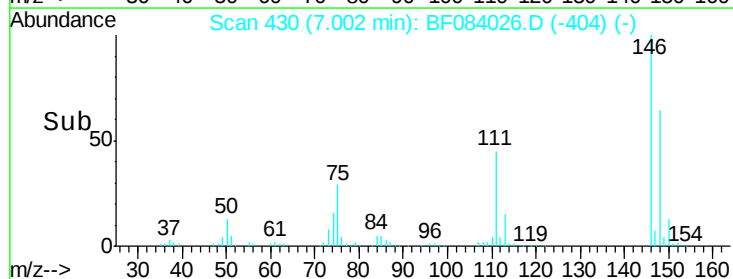
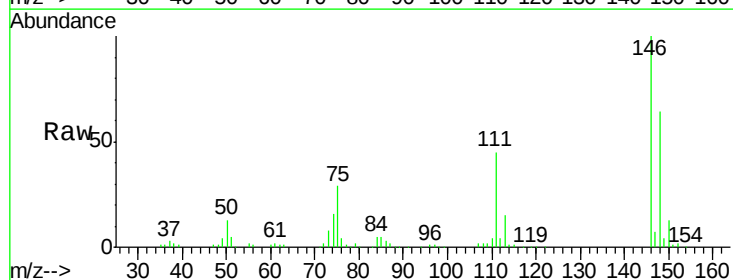
Instrument :
 BNA_F
 ClientSampleId :

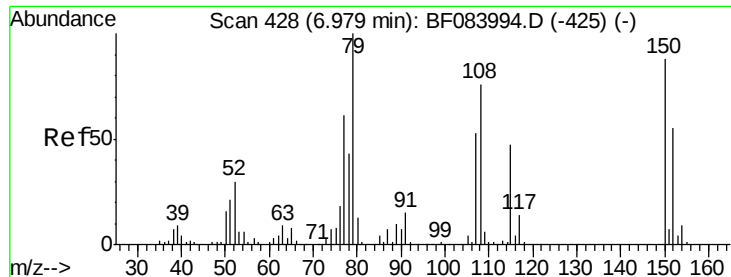
Tot Ion:146 Resp: 138975
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.9 77.9
 111 50.0 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 43.76 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:146 Resp: 139787
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 45.1 38.0 57.0

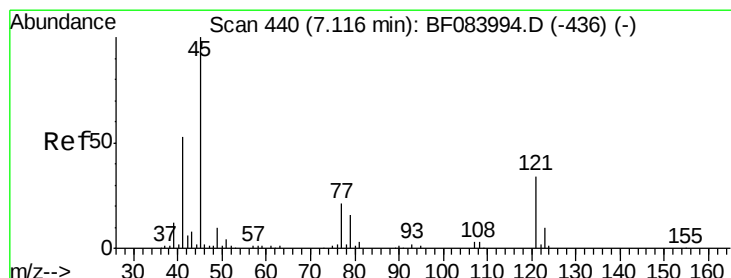
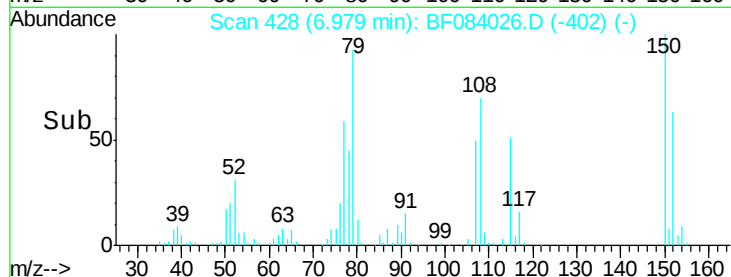
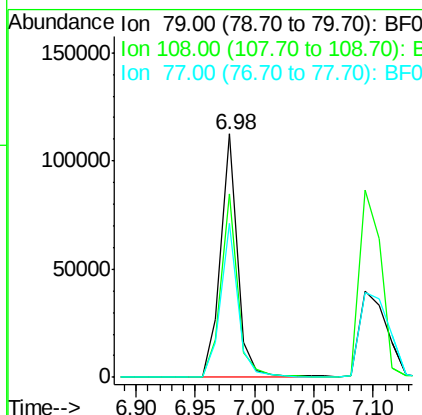
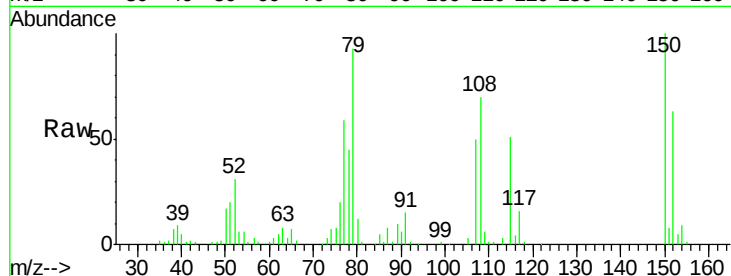




#15
Benzyl Alcohol
Concen: 45.26 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

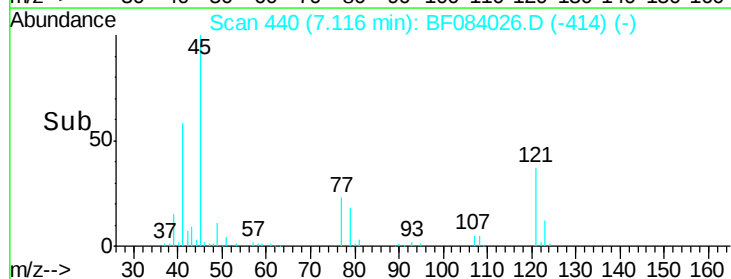
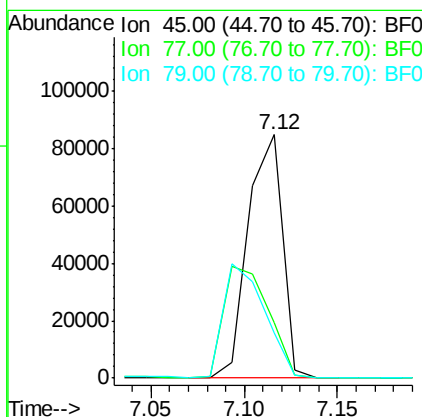
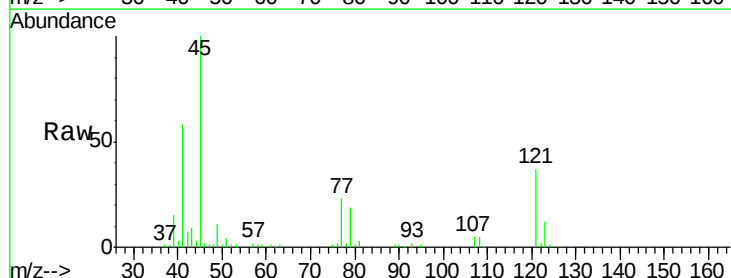
Instrument :
BNA_F
ClientSampleId :

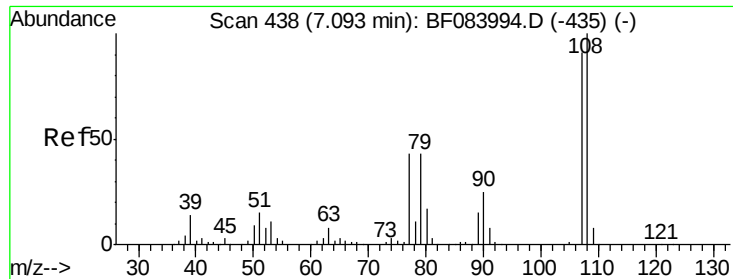
Tot Ion: 79 Resp: 112089
Ion Ratio Lower Upper
79 100
108 75.2 69.0 103.4
77 63.5 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.95 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion: 45 Resp: 109925
Ion Ratio Lower Upper
45 100
77 22.9 0.0 39.6
79 18.8 0.0 35.0

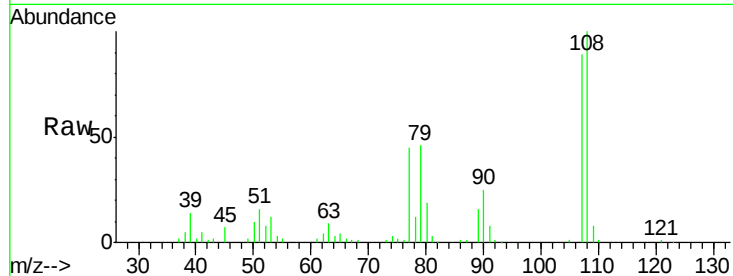




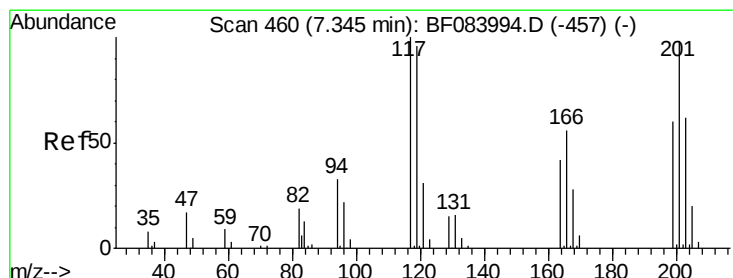
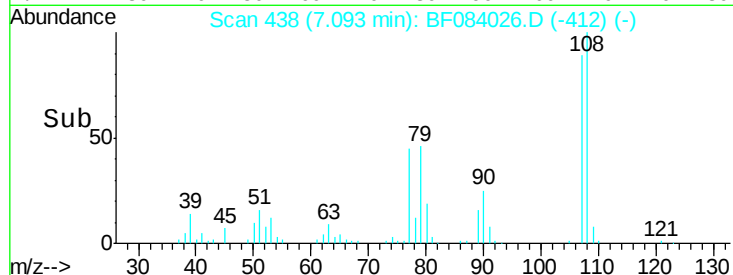
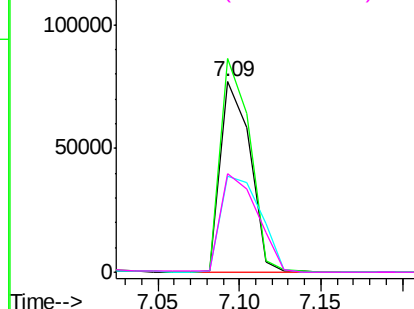
#17
2-Methylphenol
Concen: 39.47 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.6
77	50.7	35.7	53.5
79	51.8	35.7	53.5

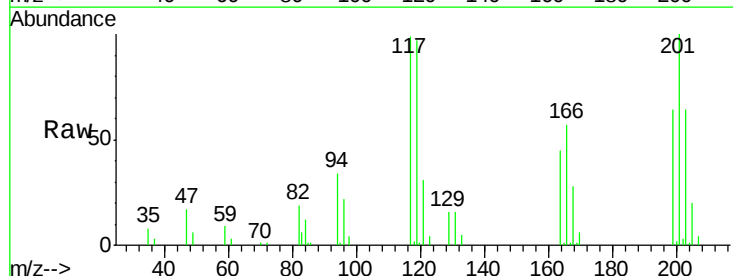


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

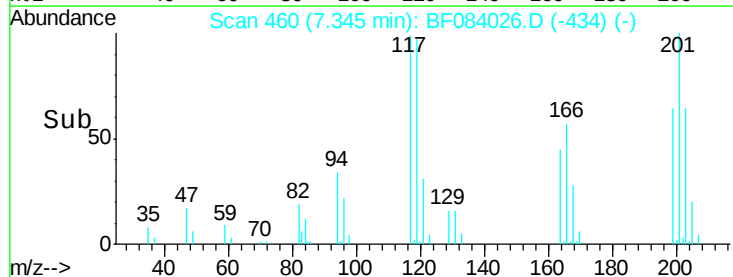
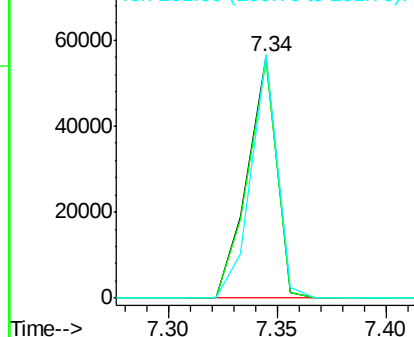


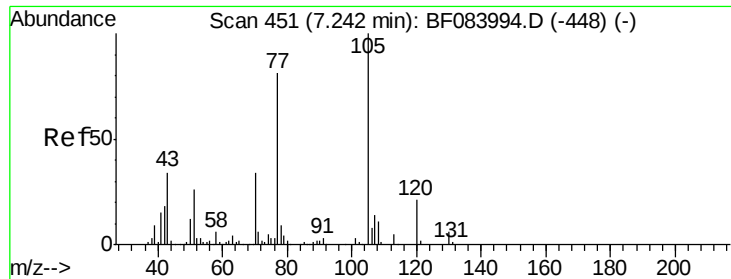
#18
Hexachloroethane
Concen: 42.65 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	100.8	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

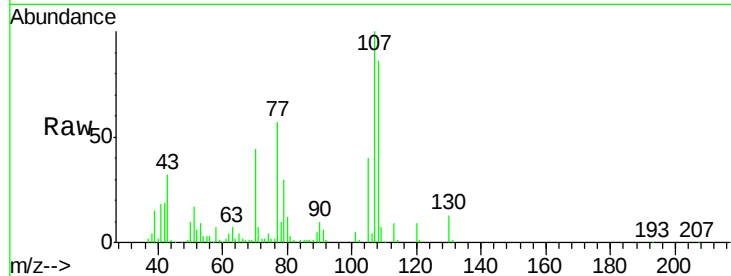




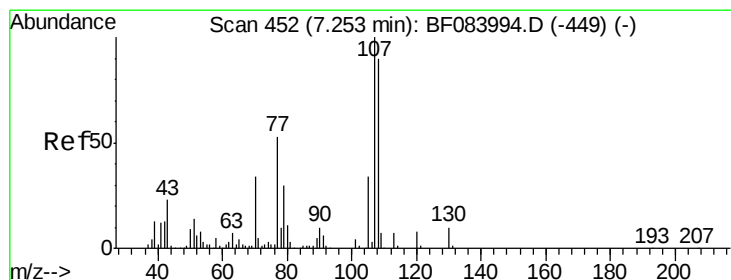
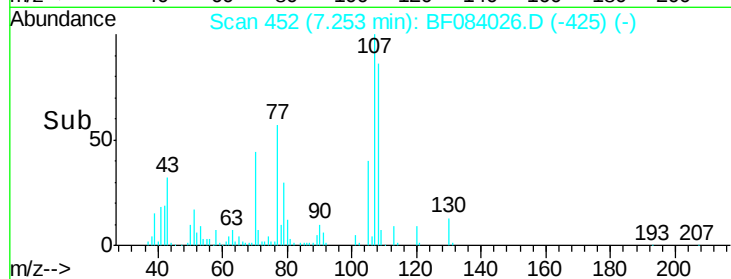
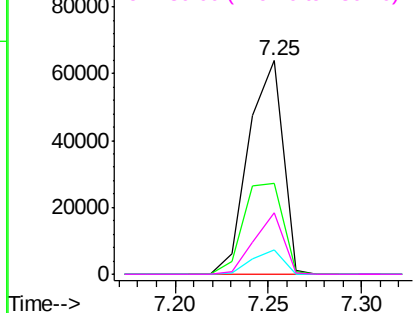
#19
n-Nitroso-di-n-propylamine
Concen: 42.72 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 81419
Ion Ratio Lower Upper
70 100
42 42.3 33.3 49.9
101 11.3 9.3 13.9
130 28.6 23.4 35.0



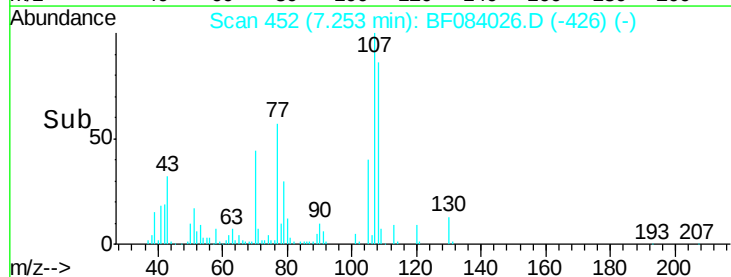
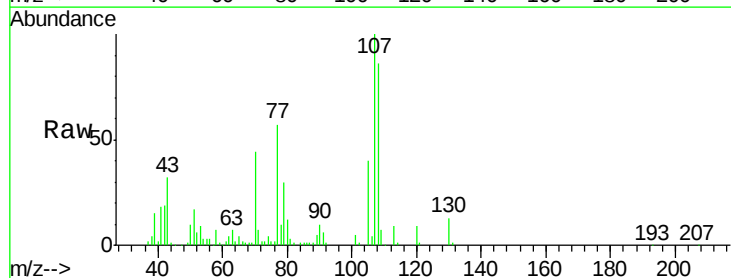
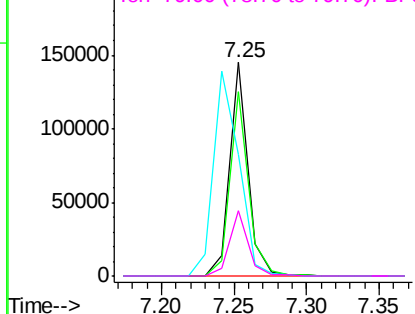
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

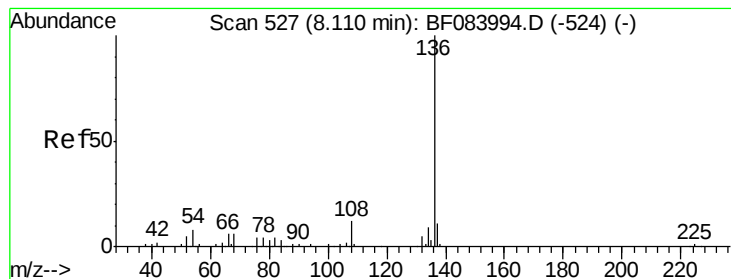


#20
3+4-Methylphenols
Concen: 42.08 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion:107 Resp: 127403
Ion Ratio Lower Upper
107 100
108 86.3 64.1 104.1
77 57.0 128.9 168.9#
79 30.4 9.6 49.6

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 179446

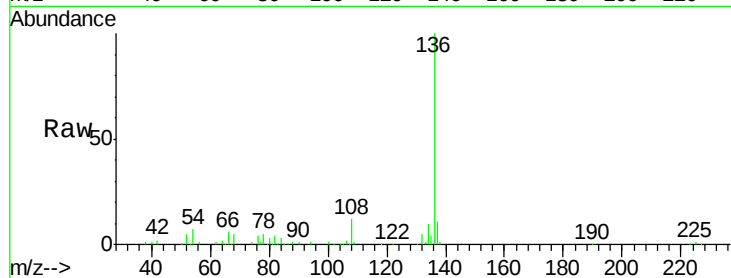
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.4 5.8 8.8

68 5.4 4.2 6.2

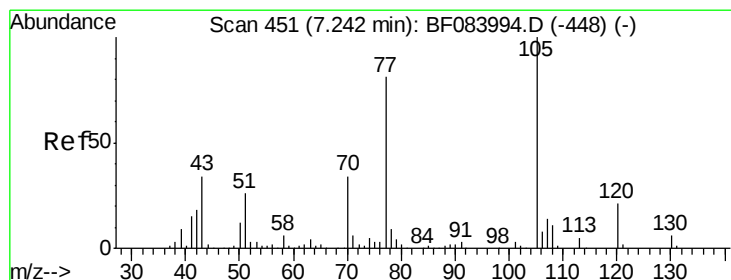
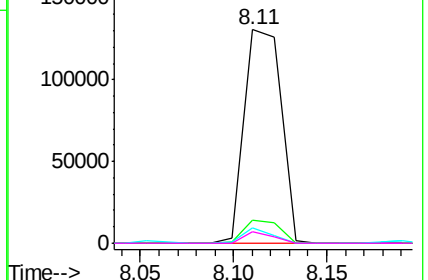
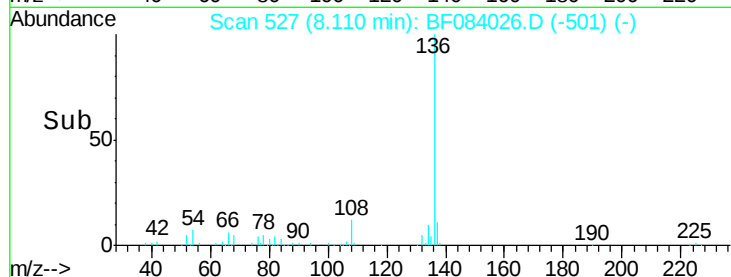


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.64 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Tgt Ion:105 Resp: 171097

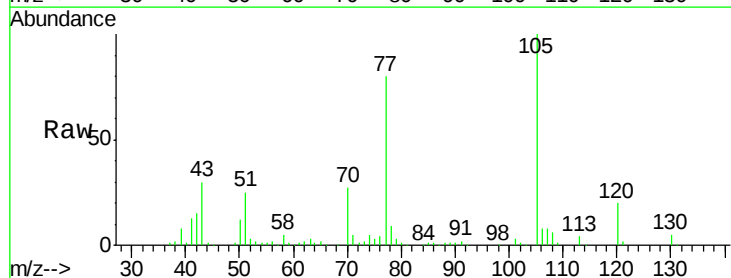
Ion Ratio Lower Upper

105 100

71 4.7 3.7 5.5

51 24.9 25.1 37.7#

120 20.3 16.6 25.0

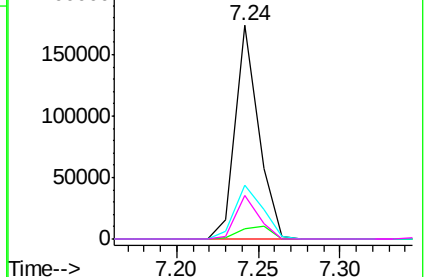
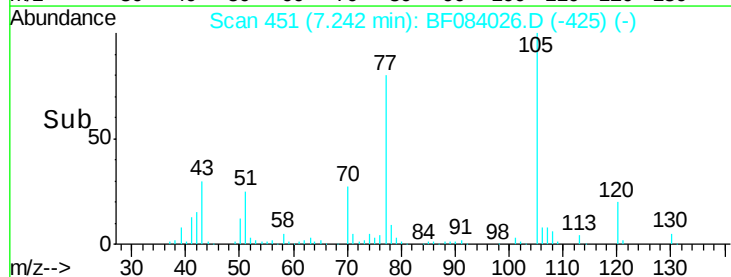


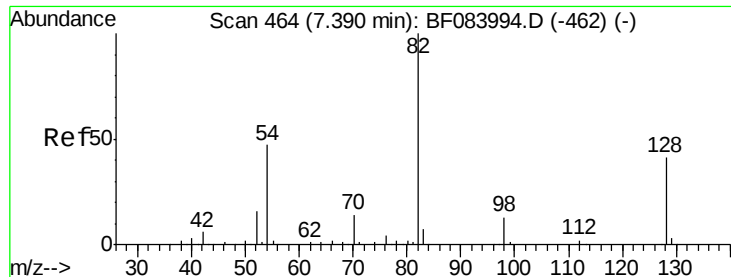
Abundance Ion 105.00 (104.70 to 105.70): E

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

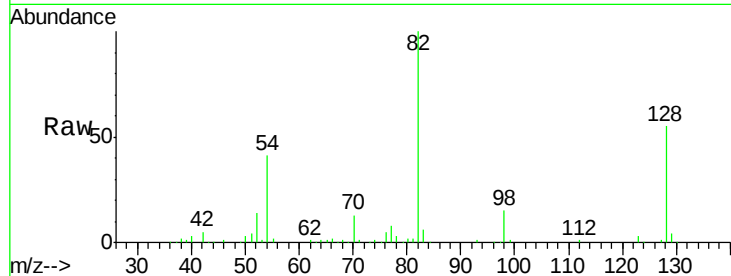




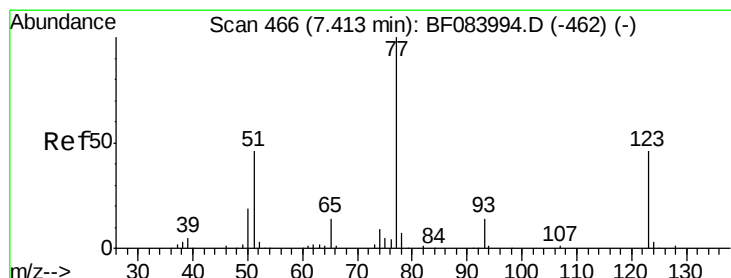
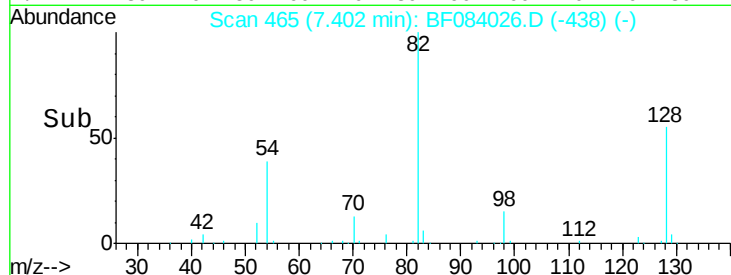
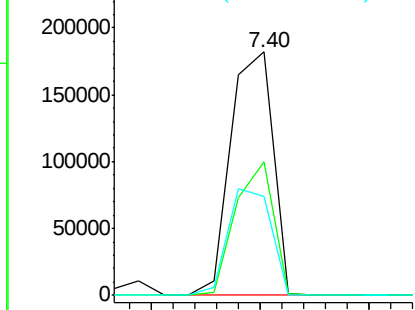
#23
 Nitrobenzene-d5
 Concen: 84.39 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 246513
 Ion Ratio Lower Upper
 82 100
 128 54.7 34.6 51.8#
 54 40.9 38.4 57.6

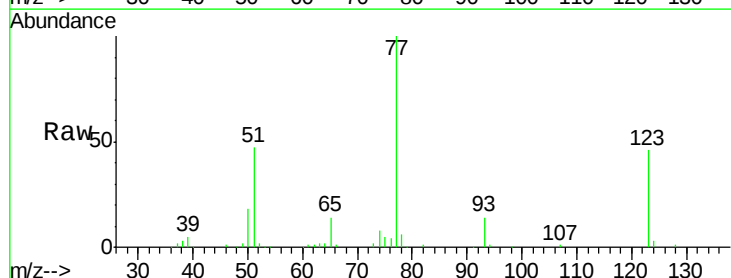


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

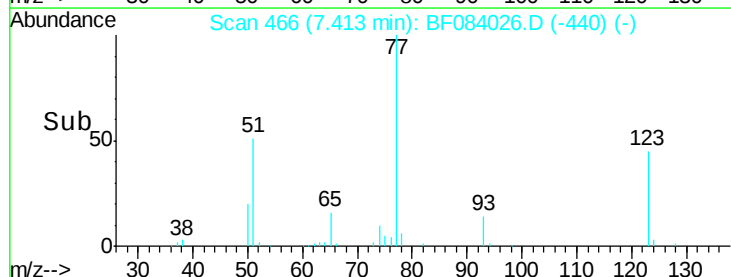
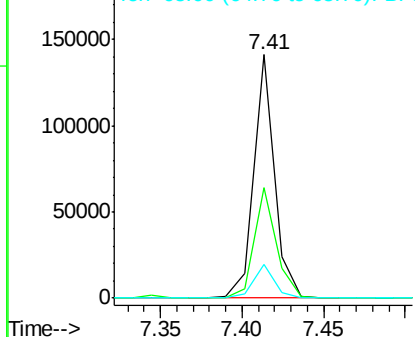


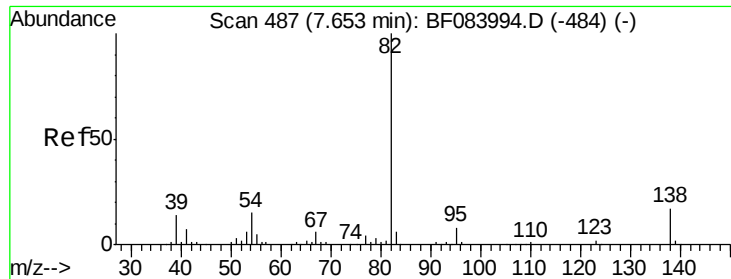
#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion: 77 Resp: 124690
 Ion Ratio Lower Upper
 77 100
 123 45.6 37.4 56.2
 65 14.1 10.9 16.3



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





#25

Isophorone

Concen: 39.98 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

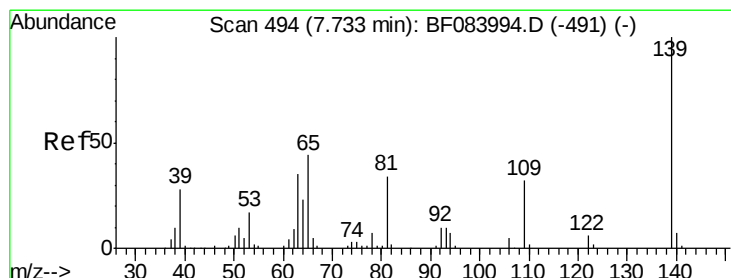
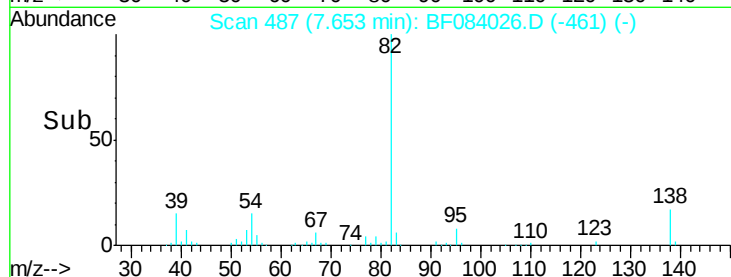
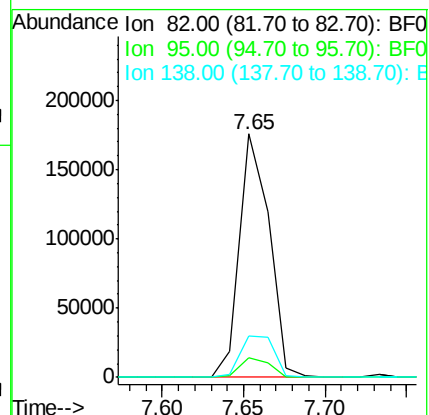
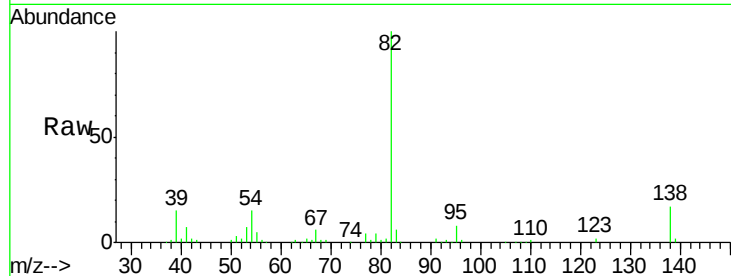
Tot Ion: 82 Resp: 221291

Ion Ratio Lower Upper

82 100

95 8.2 6.6 10.0

138 17.0 13.6 20.4



#26

2-Nitrophenol

Concen: 42.71 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

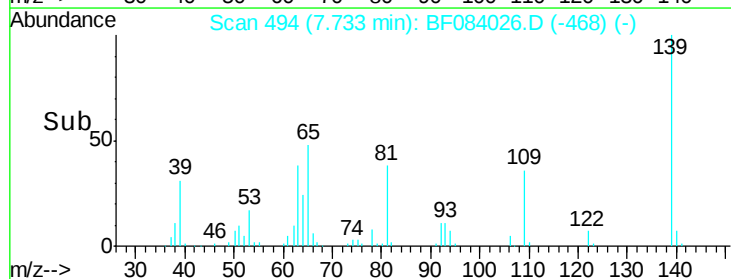
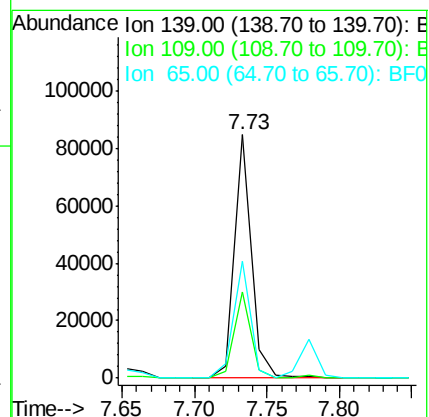
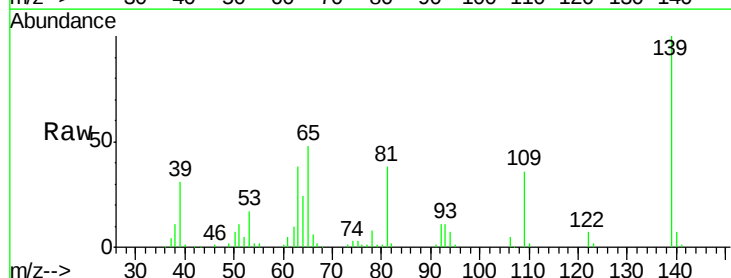
Tgt Ion: 139 Resp: 69190

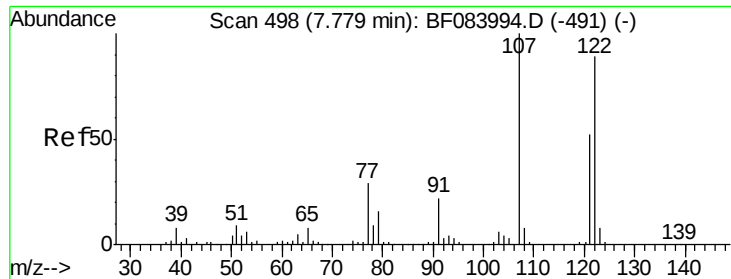
Ion Ratio Lower Upper

139 100

109 35.6 25.4 38.2

65 48.0 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 42.50 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

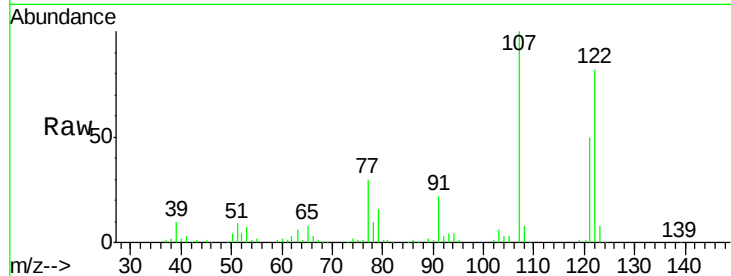
Tot Ion:122 Resp: 120025

Ion Ratio Lower Upper

122 100

107 122.5 99.1 148.7

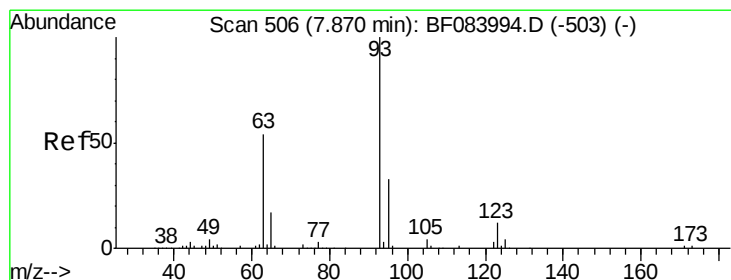
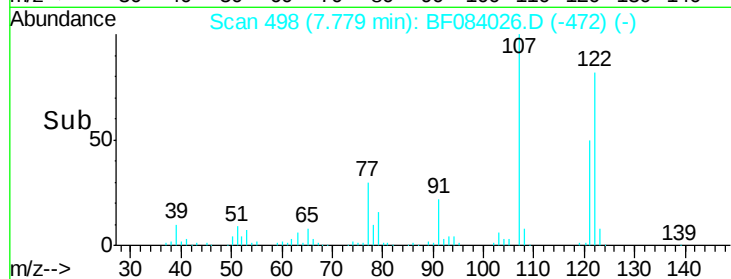
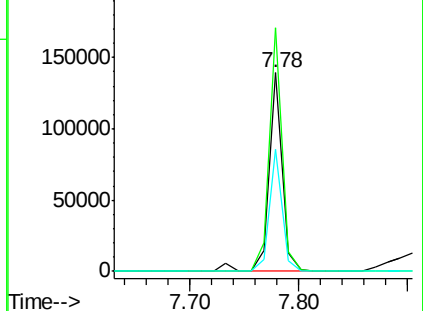
121 61.4 47.9 71.9



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: 42.47 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

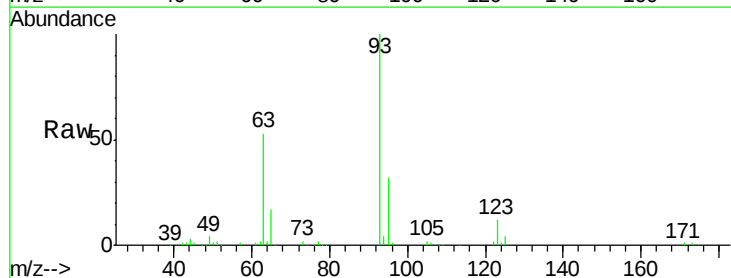
Tgt Ion: 93 Resp: 145594

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

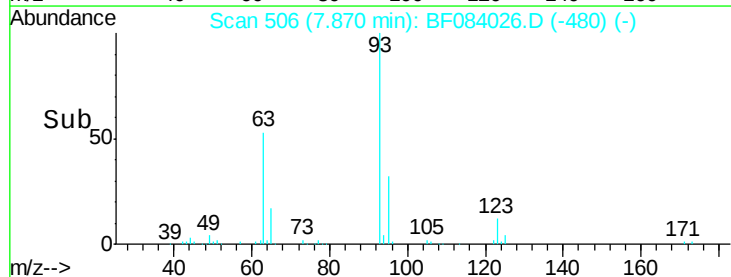
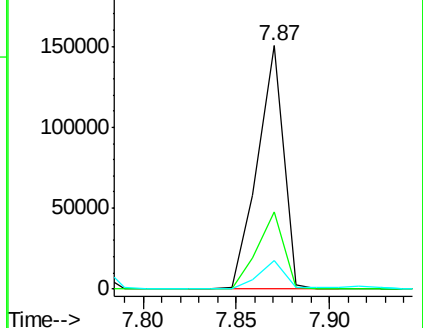
123 12.0 8.6 12.8

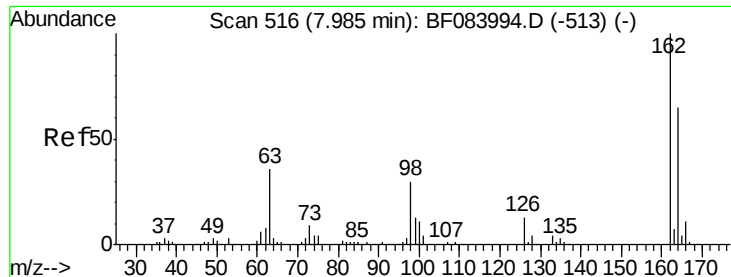


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

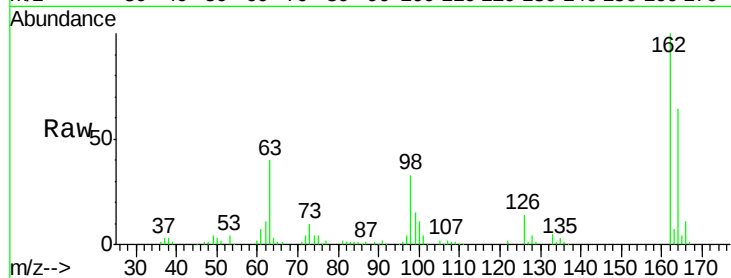




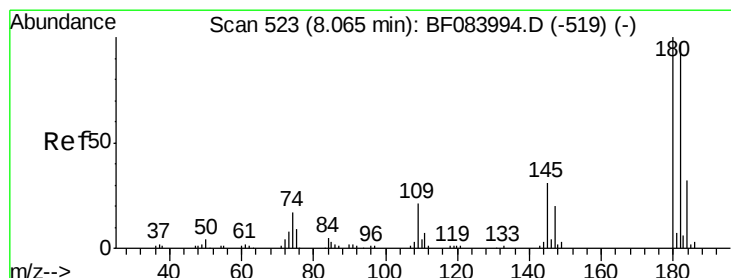
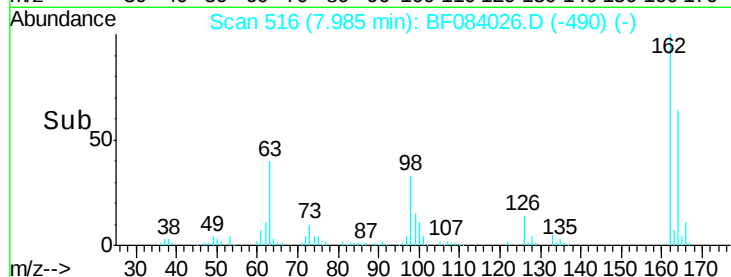
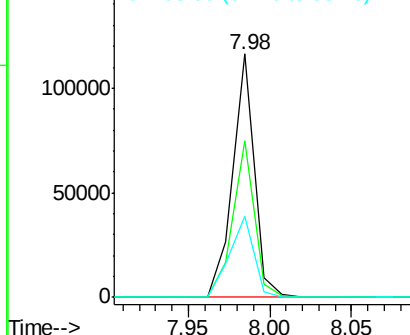
#29
 2,4-Dichlorophenol
 Concen: 41.95 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.1	84.1
98	33.4	20.2	60.2

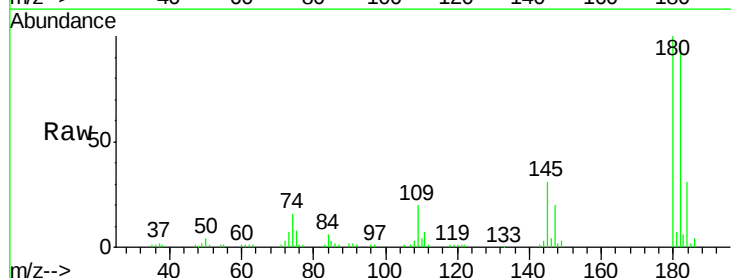


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

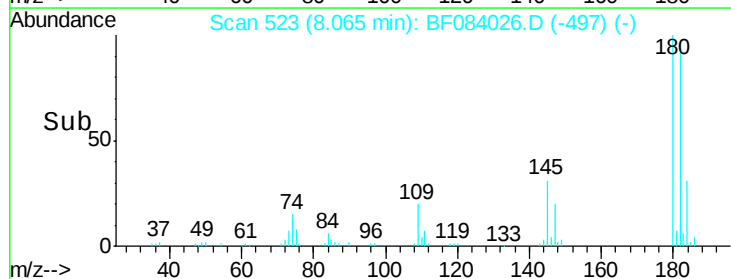
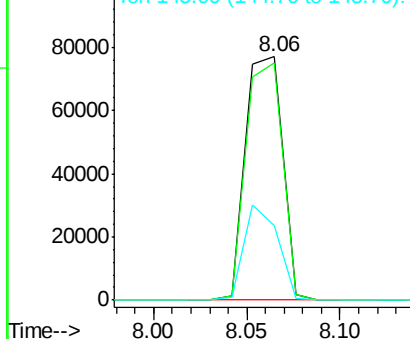


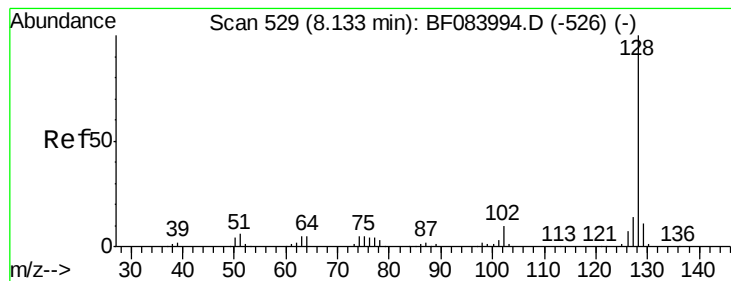
#30
 1,2,4-Trichlorobenzene
 Concen: 40.45 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.4	114.6
145	30.7	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: 38.93 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

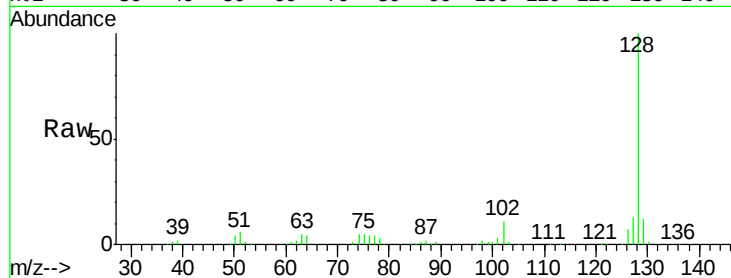
Tot Ion:128 Resp: 356857

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

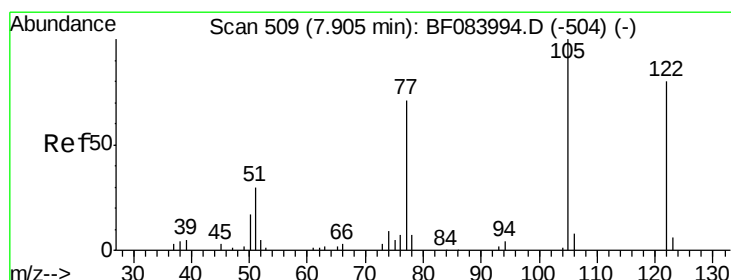
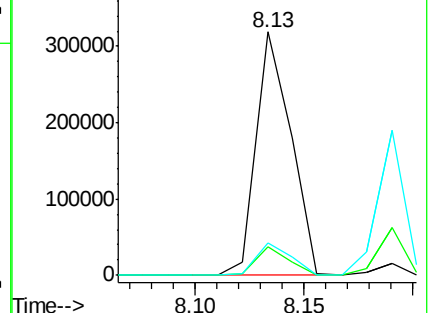
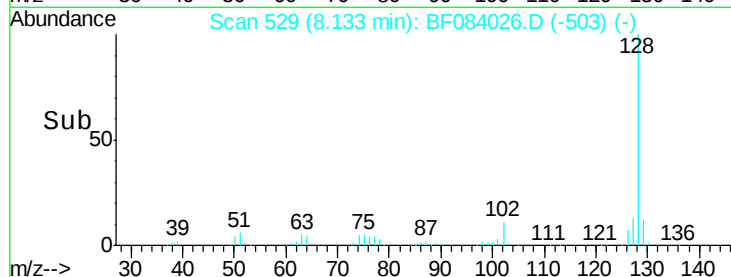
127 13.5 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.00 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

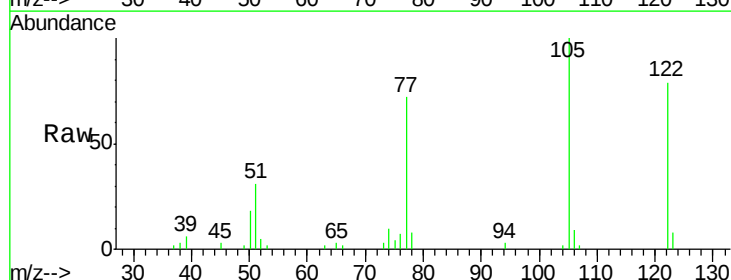
Tgt Ion:122 Resp: 50806

Ion Ratio Lower Upper

122 100

105 126.0 100.3 140.3

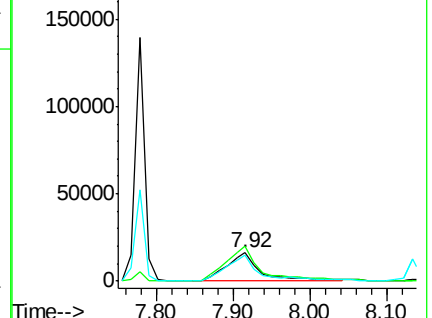
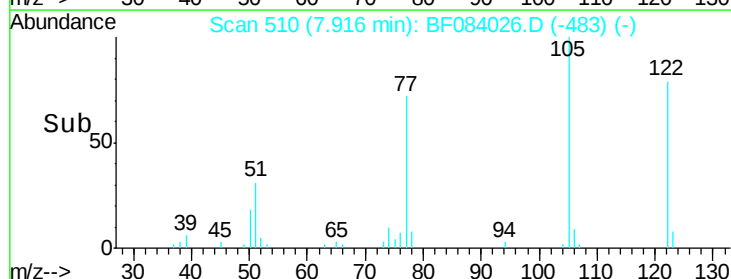
77 90.5 63.5 103.5

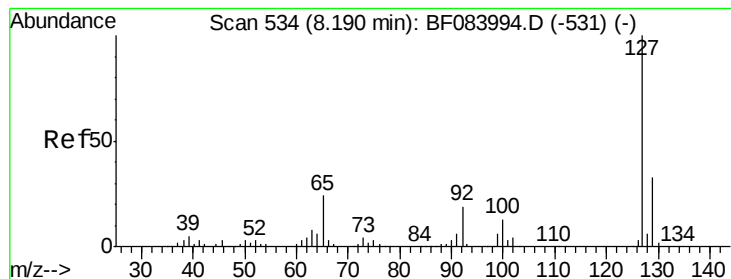


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 43.91 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF084026.D

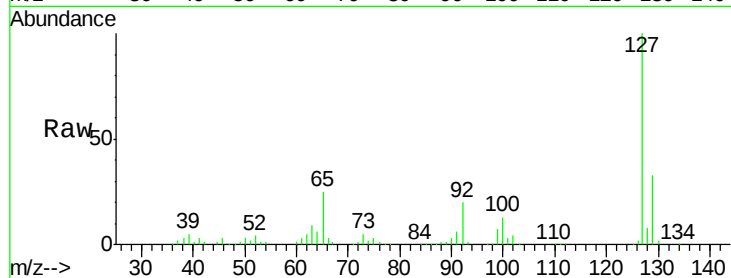
Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	164615
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	24.7	27.2	40.8
92	19.7	17.7	26.5

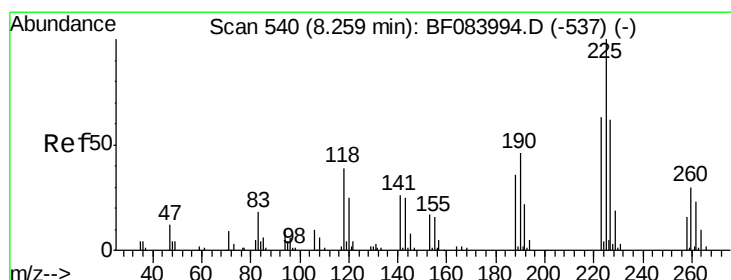
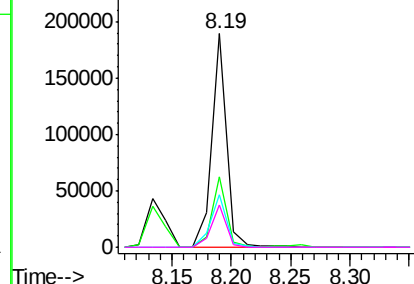
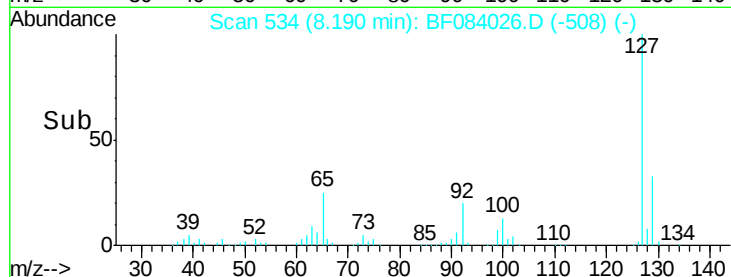


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.50 ng

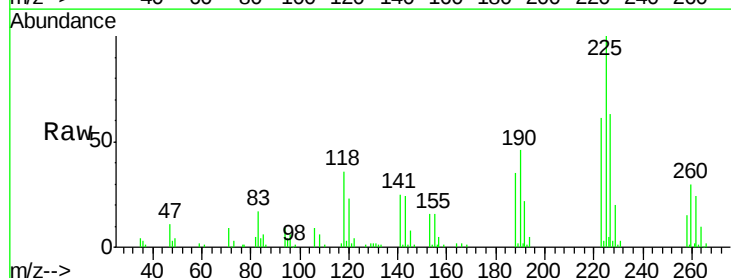
RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

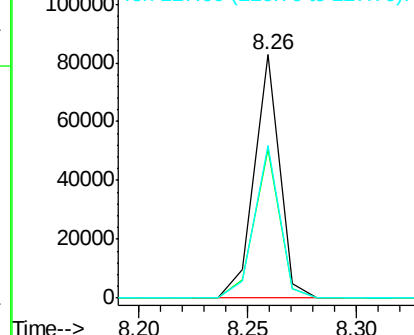
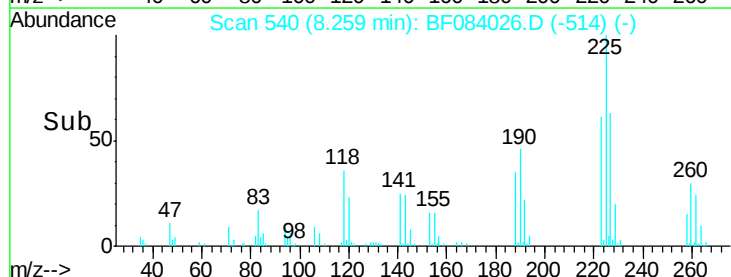
Tgt Ion:	225	Resp:	66848
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.0
227	62.6	50.8	76.2

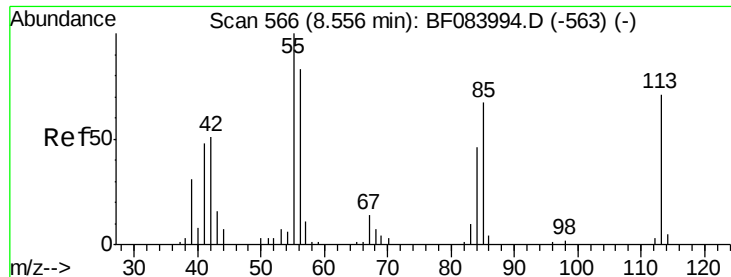


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

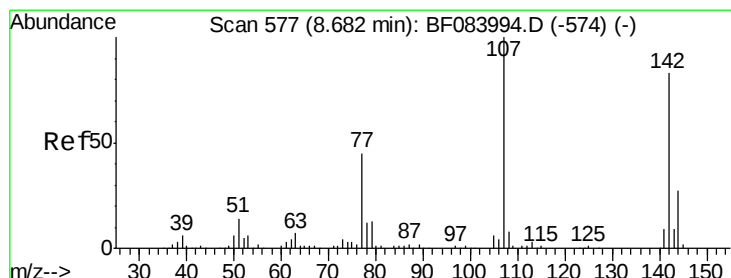
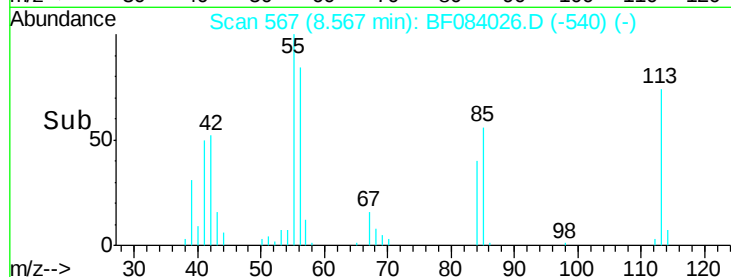
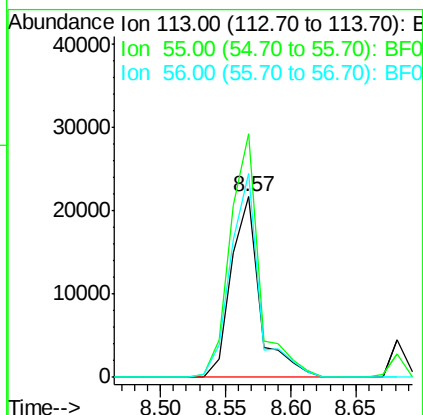
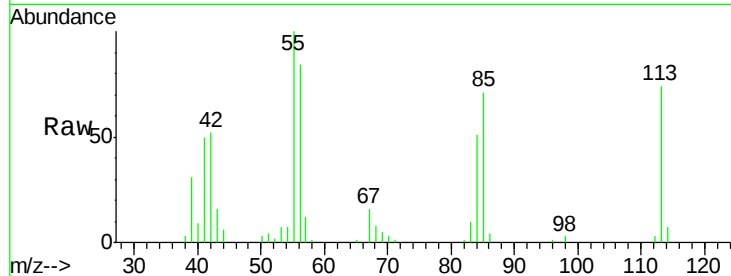




#35
 Caprolactam
 Concen: 43.47 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

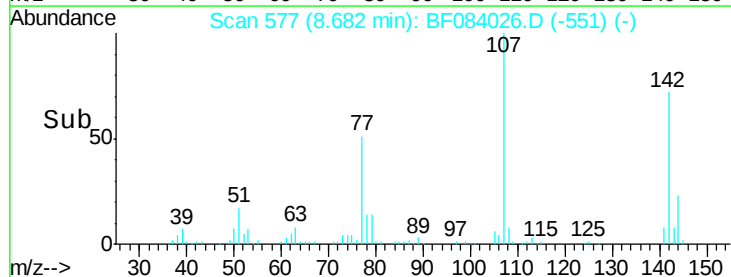
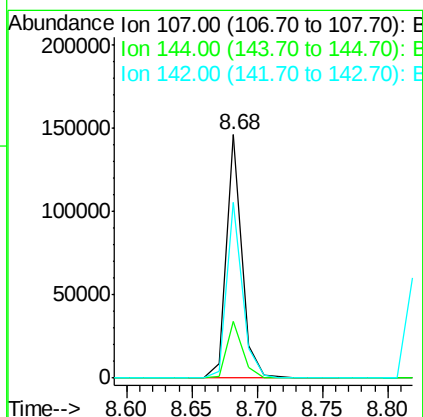
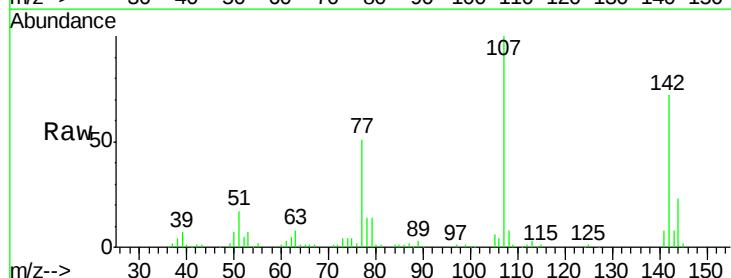
Instrument :
 BNA_F
 ClientSampled :

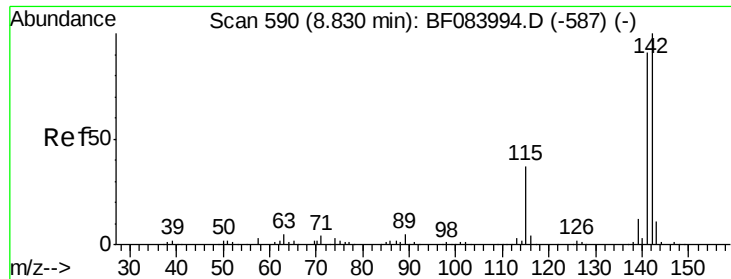
Tot Ion:113 Resp: 32953
 Ion Ratio Lower Upper
 113 100
 55 135.0 116.9 156.9
 56 113.3 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 45.14 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:107 Resp: 121825
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 72.2 61.8 92.6

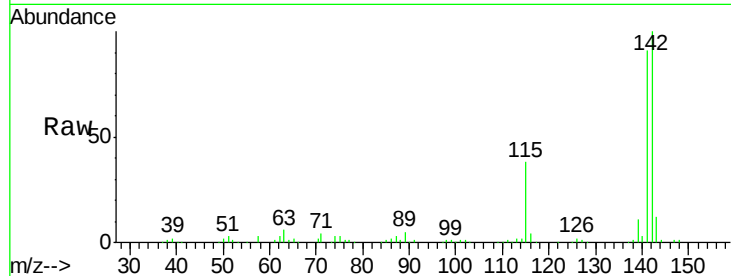




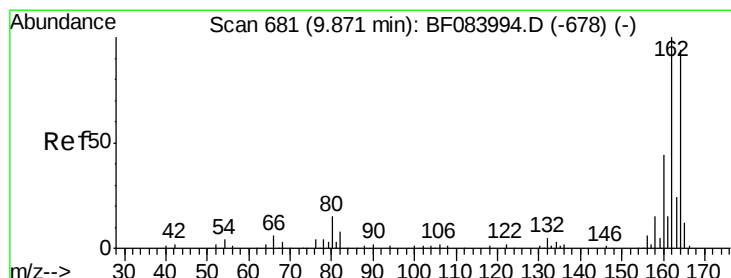
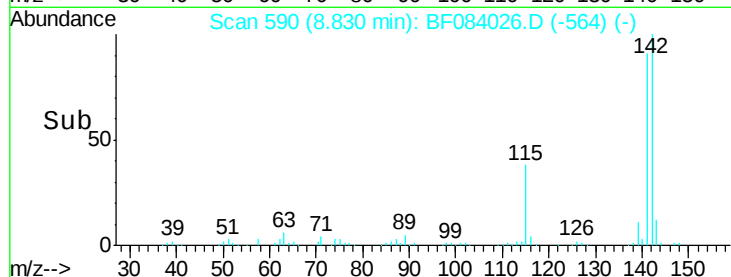
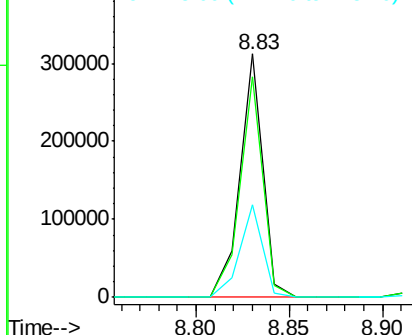
#37
 2-Methylnaphthalene
 Concen: 45.14 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.4	108.6
115	37.9	27.9	41.9

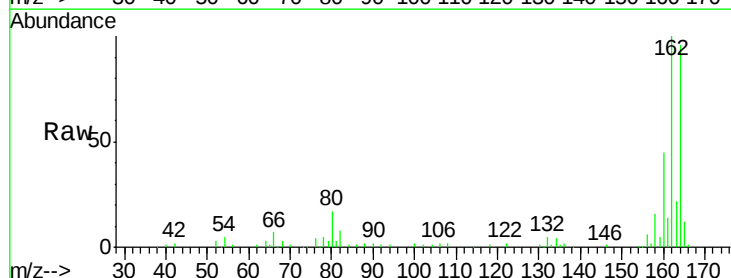


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

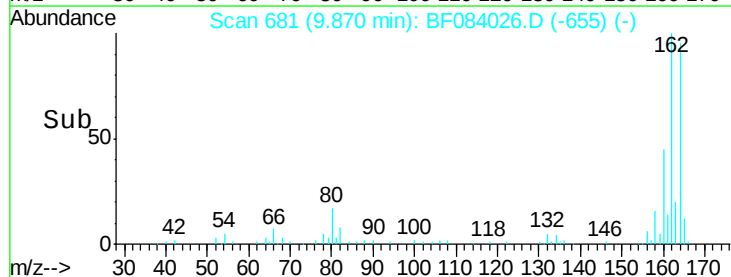
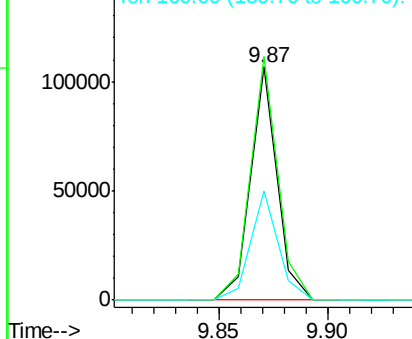


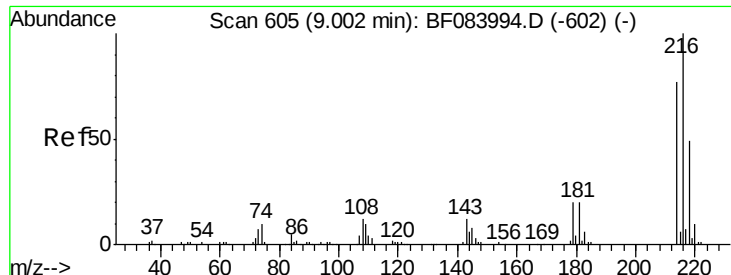
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	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

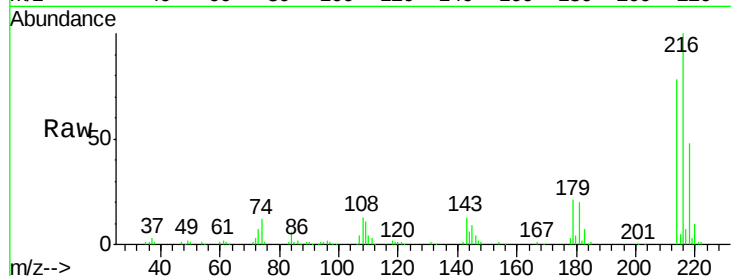




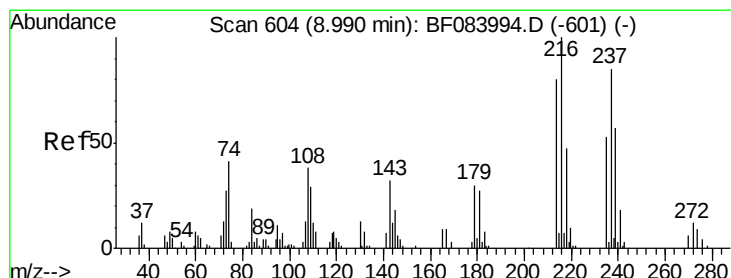
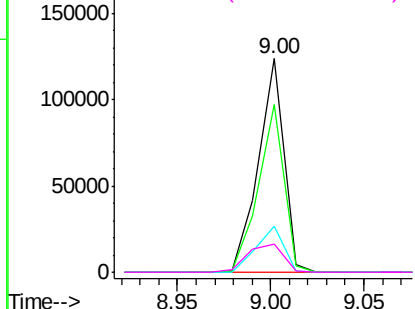
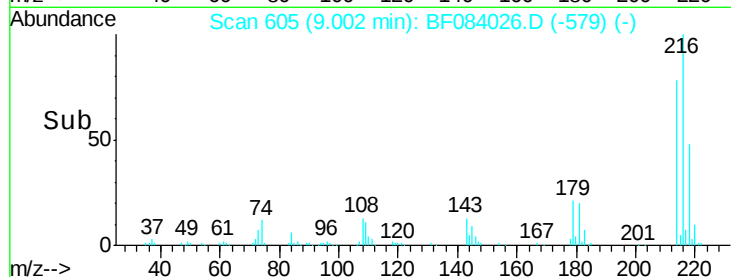
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.19 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	116901
Ion Ratio	Lower	Upper
216	100	
214	78.5	64.2 96.2
179	22.8	18.7 28.1
108	18.4	16.8 25.2

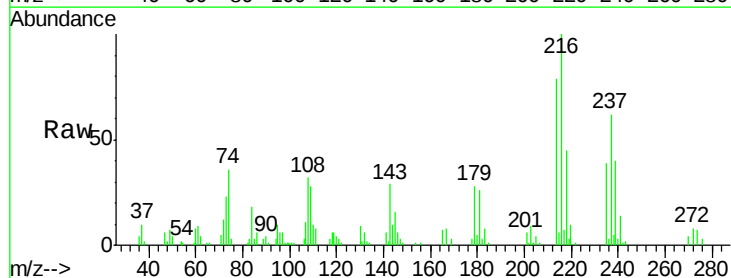


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

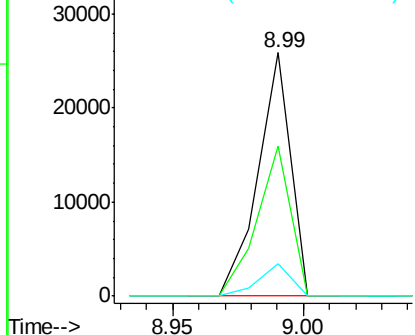
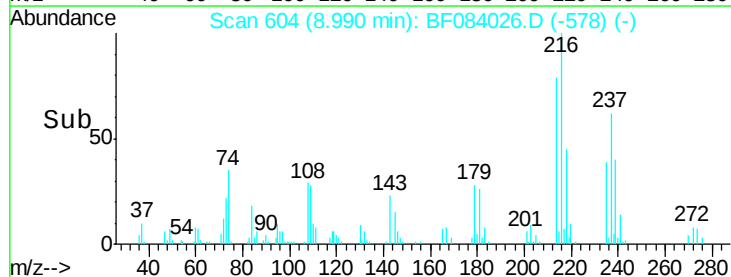


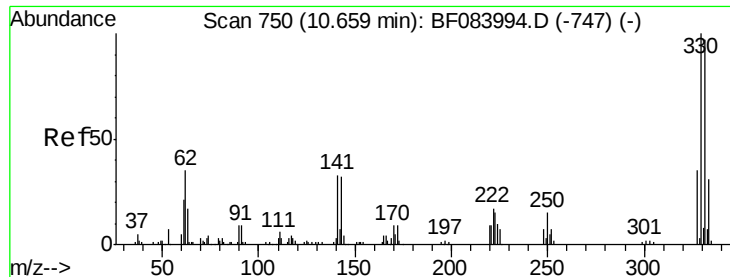
#40
 Hexachlorocyclopentadiene
 Concen: 33.88 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:237	Resp:	22612
Ion Ratio	Lower	Upper
237	100	
235	61.7	43.1 83.1
272	13.1	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

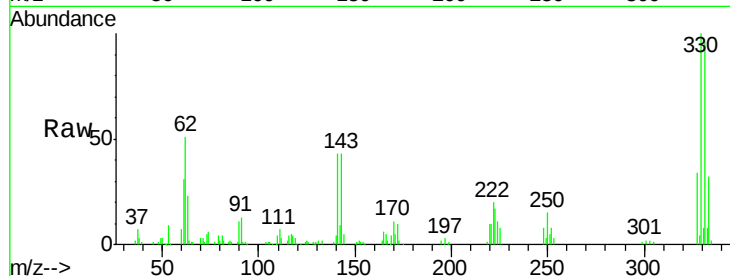




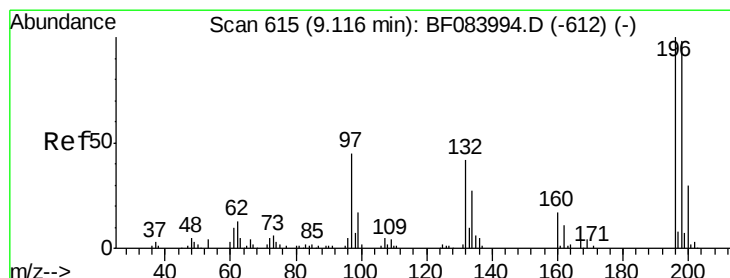
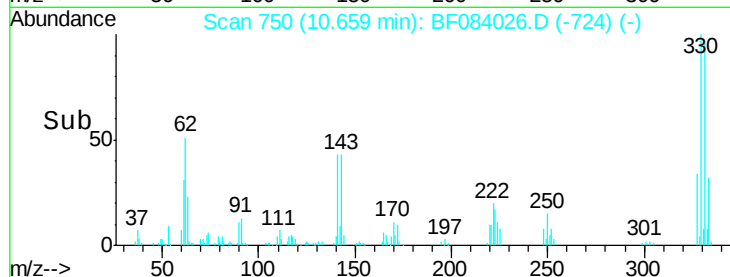
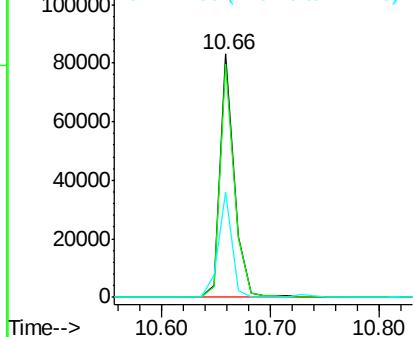
#41
 2,4,6-Tribromophenol
 Concen: 88.14 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 76334
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 41.7 27.8 41.6#

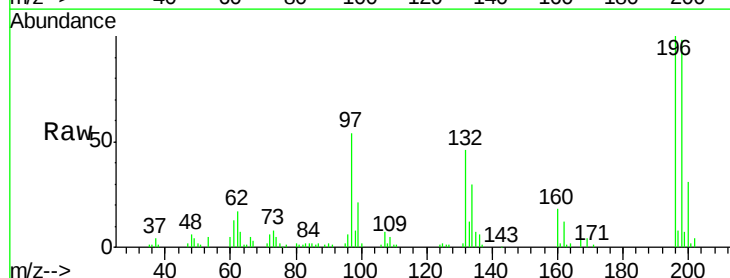


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

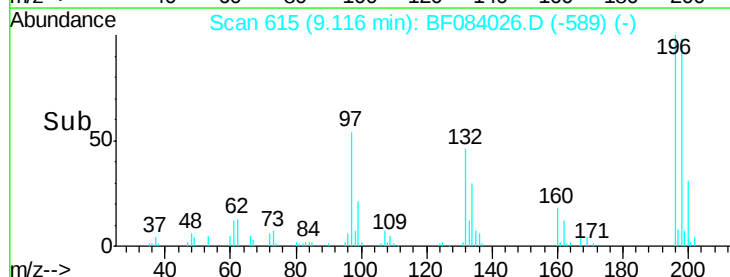
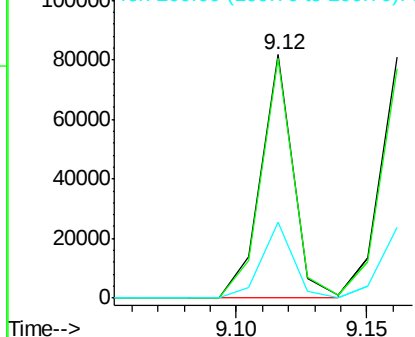


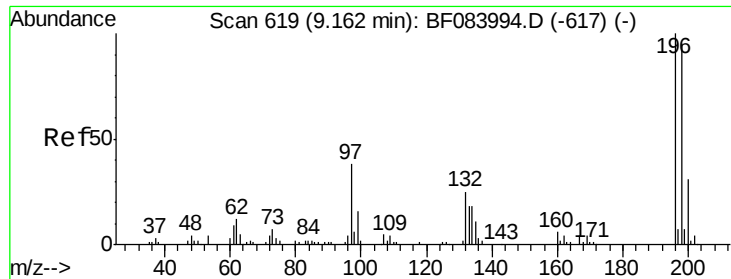
#42
 2,4,6-Trichlorophenol
 Concen: 43.53 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:196 Resp: 70954
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.7 116.5
 200 31.4 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

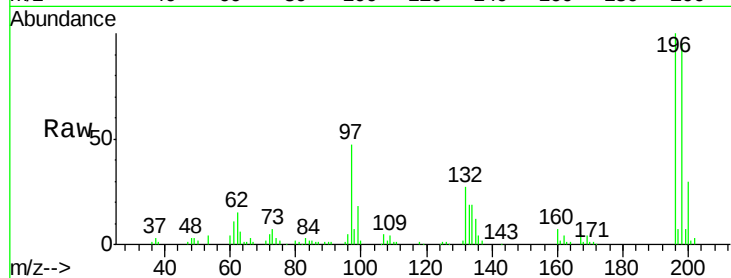




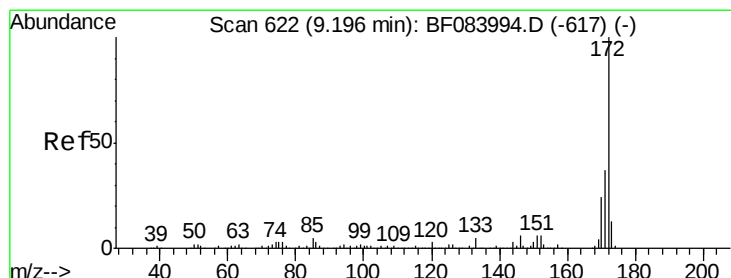
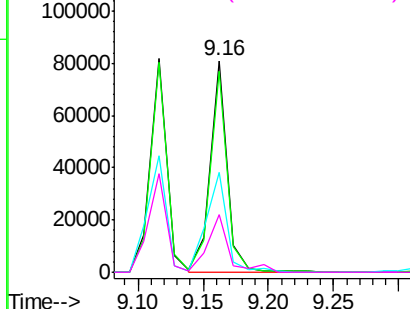
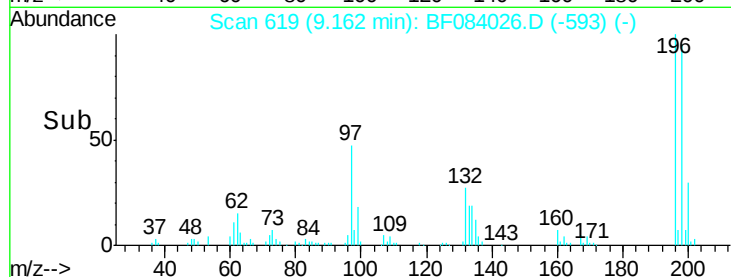
#43
 2,4,5-Trichlorophenol
 Concen: 43.67 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 74078
 Ion Ratio Lower Upper
 196 100
 198 95.1 79.0 118.6
 97 47.4 33.0 49.6
 132 27.5 21.1 31.7

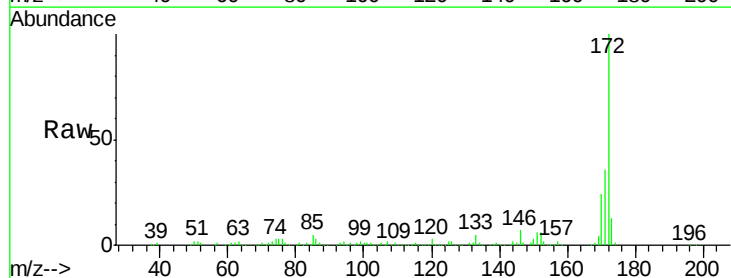


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

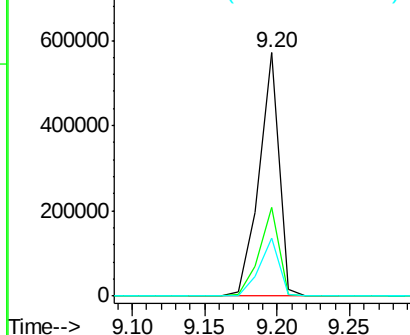
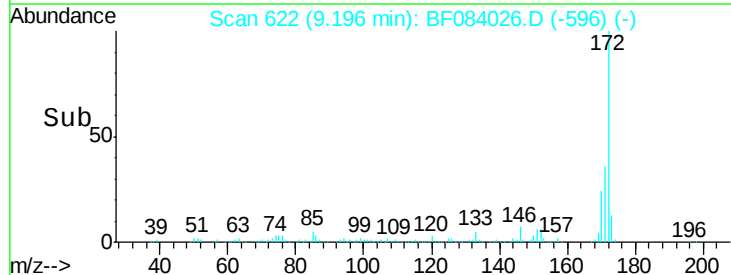


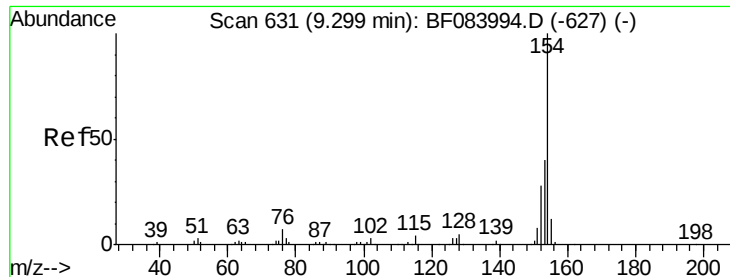
#44
 2-Fluorobiphenyl
 Concen: 81.26 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:172 Resp: 543600
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.7 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

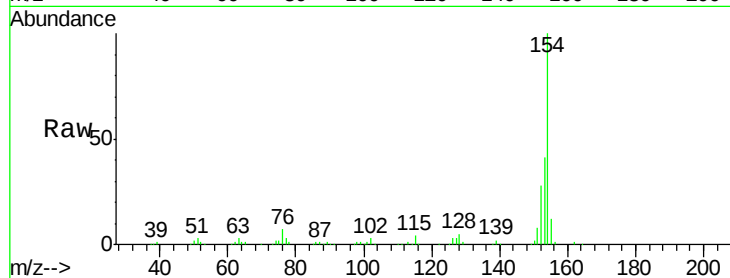




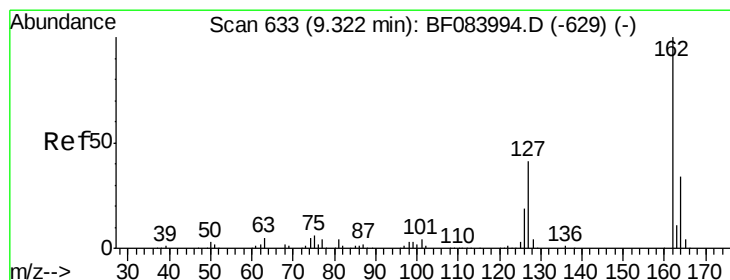
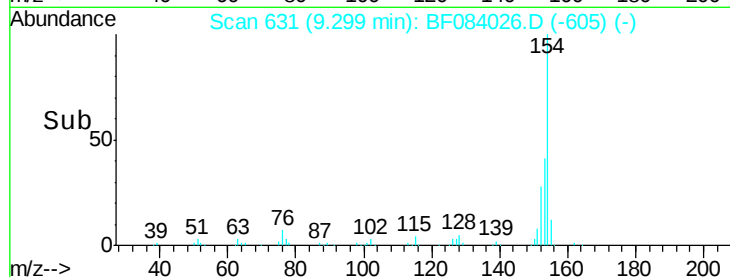
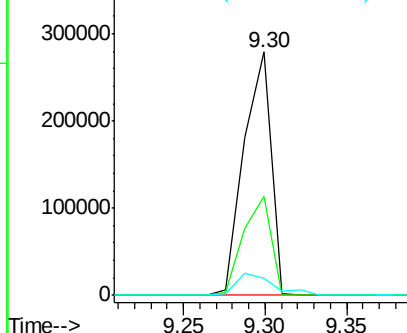
#45
 1,1'-Biphenyl
 Concen: 40.42 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 321746
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.6 61.6
 76 6.9 0.0 32.7

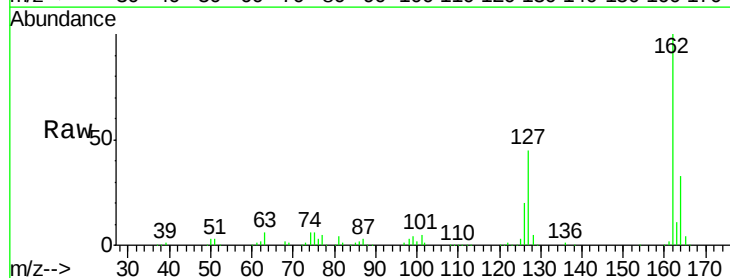


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

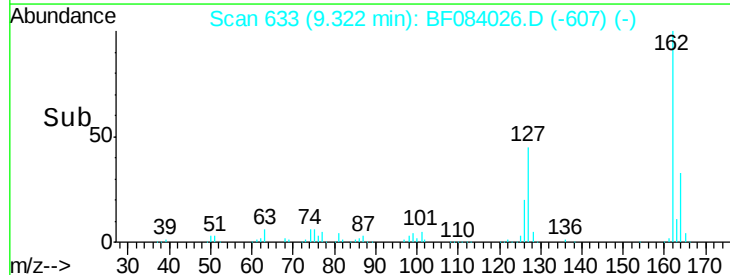
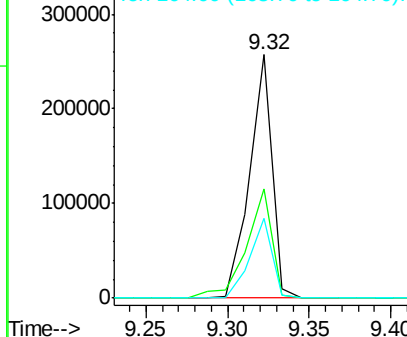


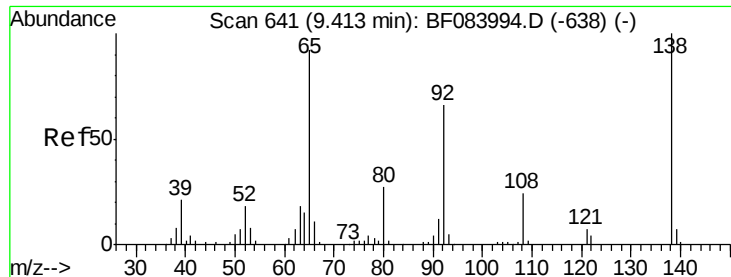
#46
 2-Chloronaphthalene
 Concen: 42.71 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:162 Resp: 244719
 Ion Ratio Lower Upper
 162 100
 127 44.9 40.2 60.4
 164 32.9 25.7 38.5



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

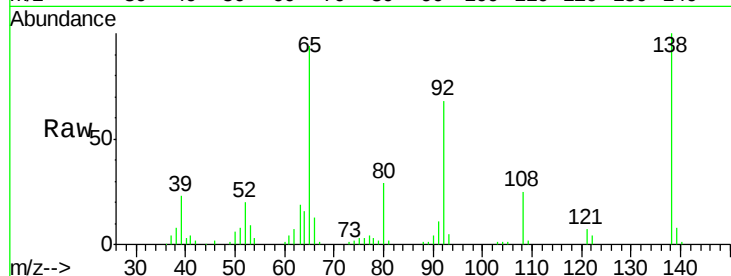




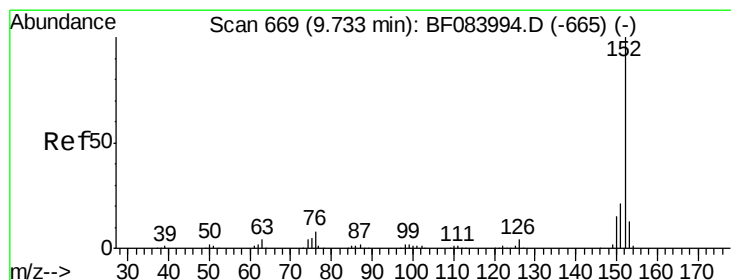
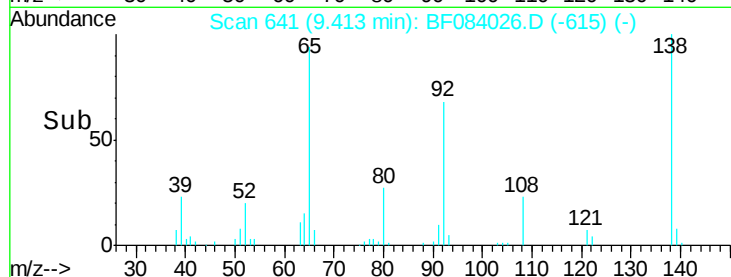
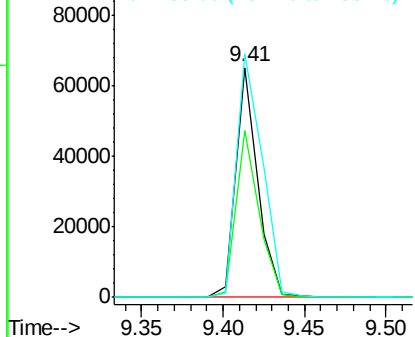
#47
2-Nitroaniline
Concen: 38.37 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 59932
Ion Ratio Lower Upper
65 100
92 72.4 53.4 80.2
138 105.9 71.1 106.7

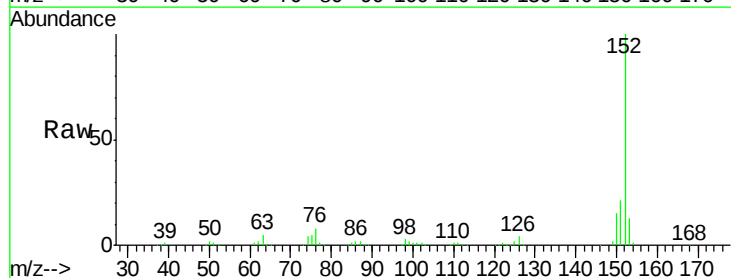


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

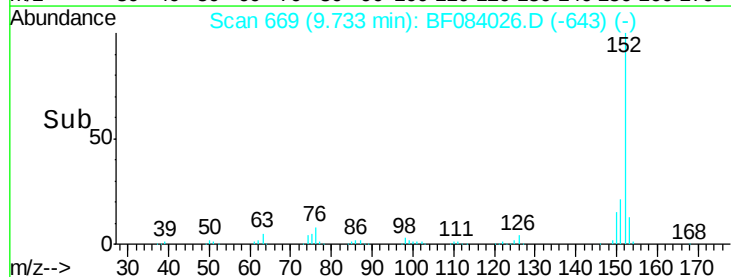
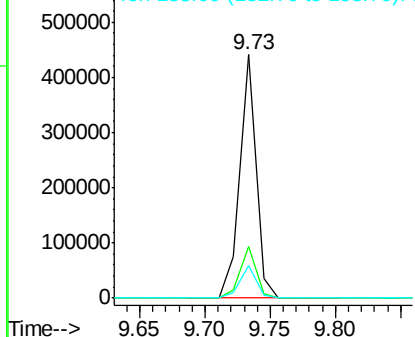


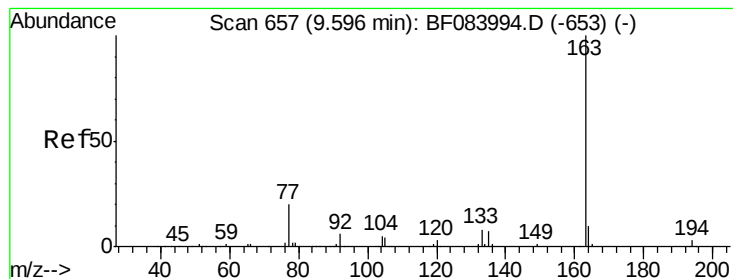
#48
Acenaphthylene
Concen: 41.89 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion: 152 Resp: 380077
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.50 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

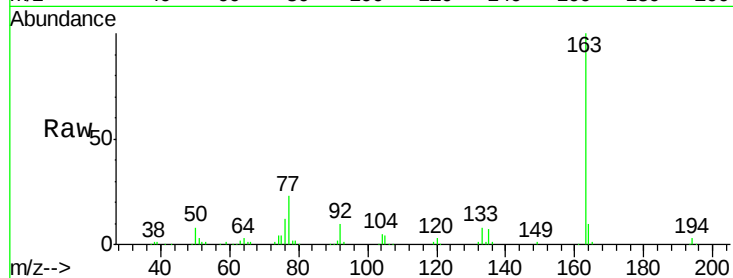
Tot Ion:163 Resp: 278323

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

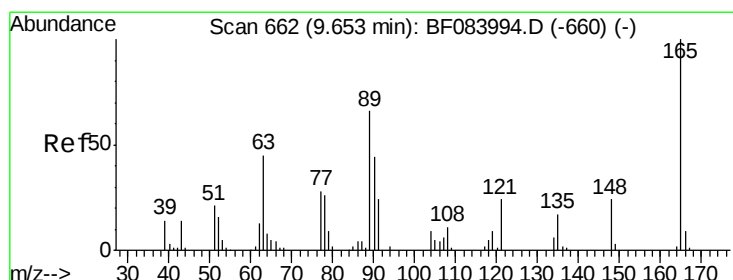
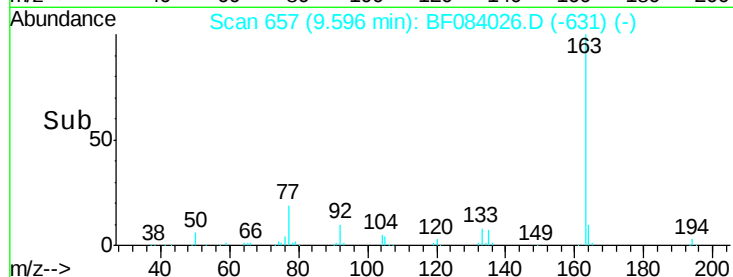
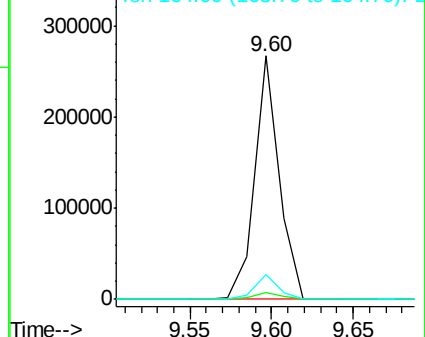
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.97 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

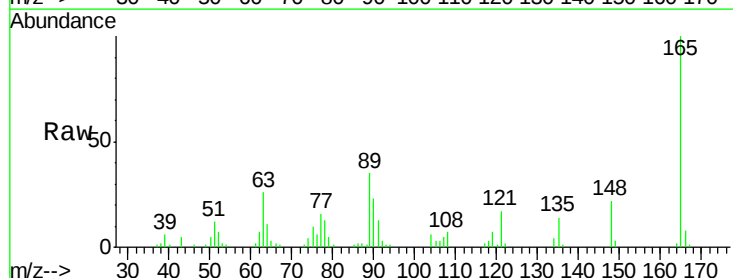
Tgt Ion:165 Resp: 60923

Ion Ratio Lower Upper

165 100

63 26.4 28.8 43.2#

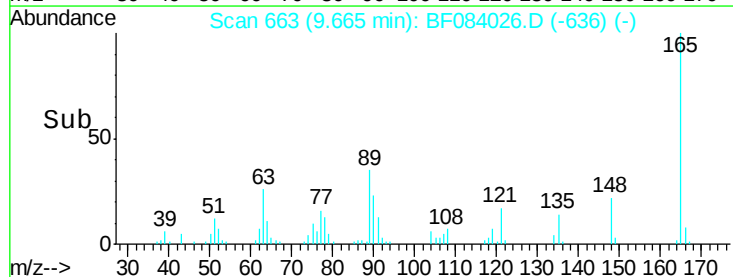
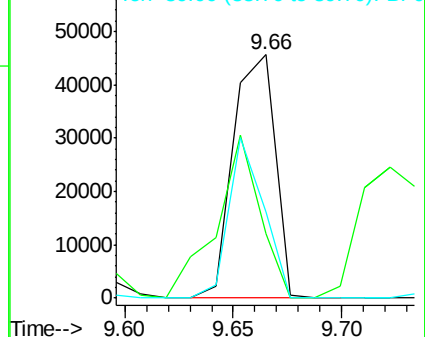
89 35.4 35.1 52.7

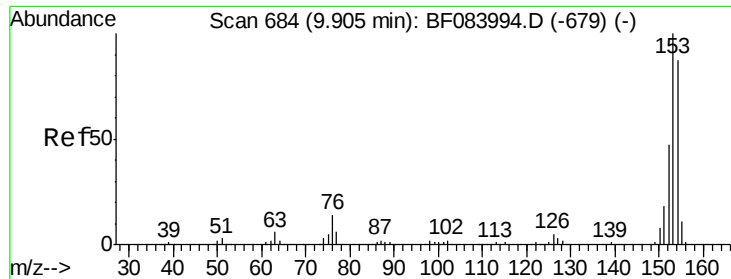


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.23 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

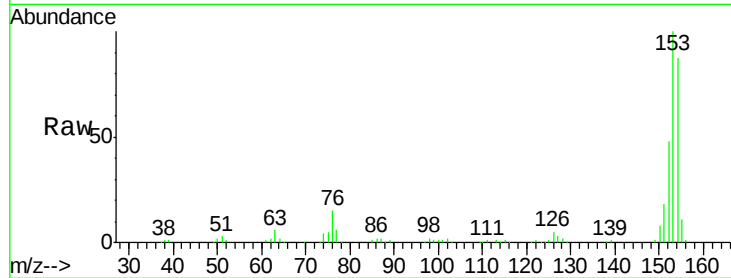
Tot Ion:154 Resp: 222462

Ion Ratio Lower Upper

154 100

153 115.5 91.5 137.3

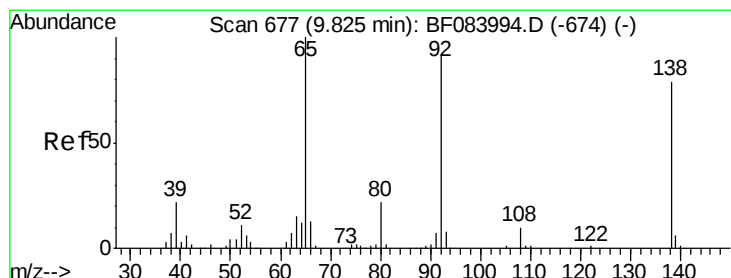
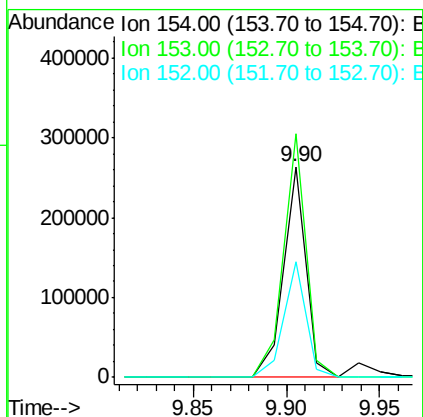
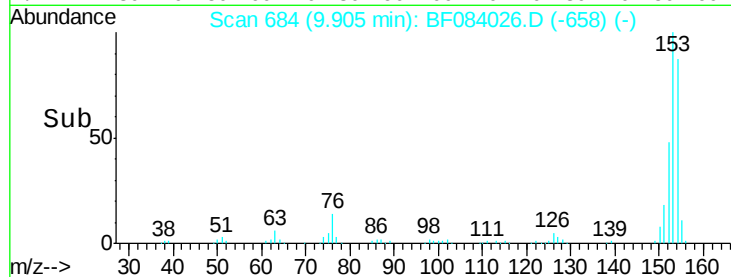
152 55.0 43.0 64.6



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: 39.86 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

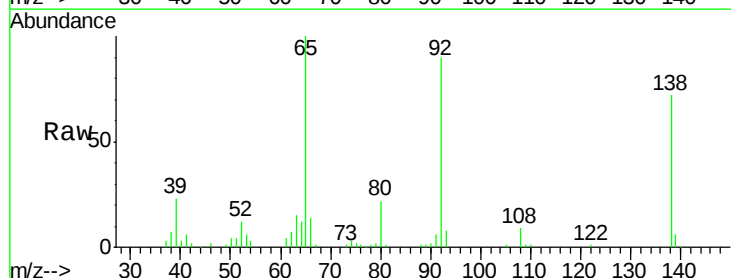
Tgt Ion:138 Resp: 62942

Ion Ratio Lower Upper

138 100

108 12.5 10.5 15.7

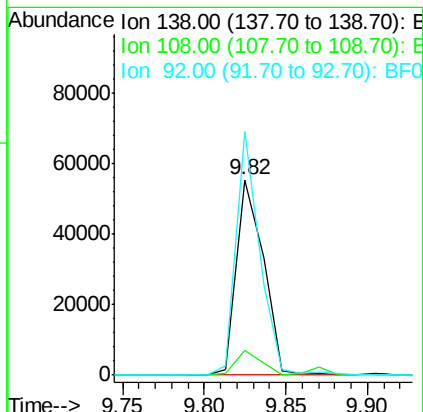
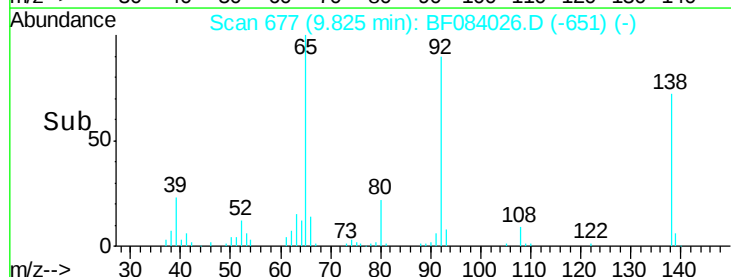
92 124.7 103.9 155.9

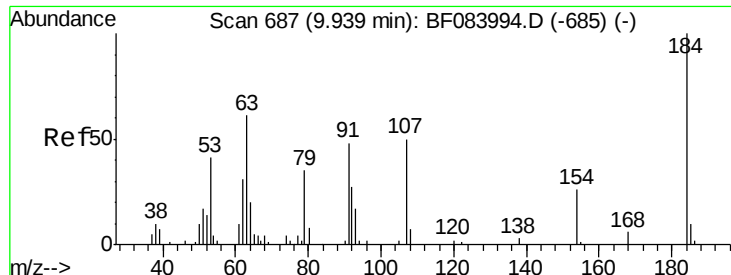


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

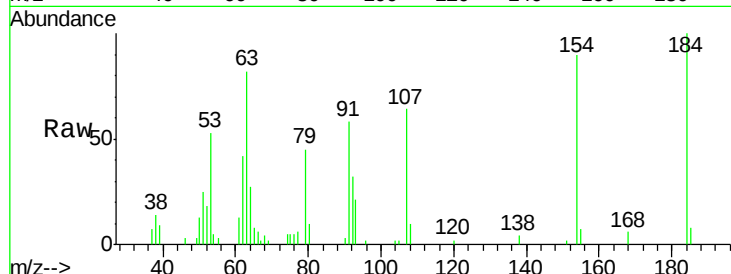




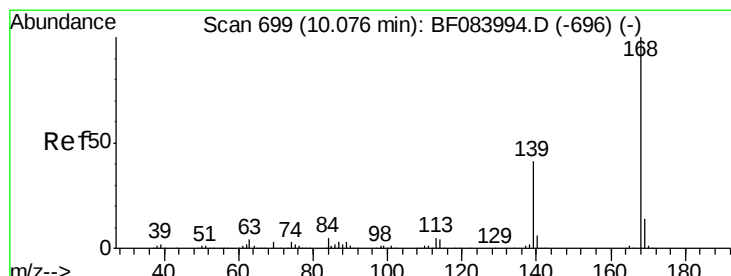
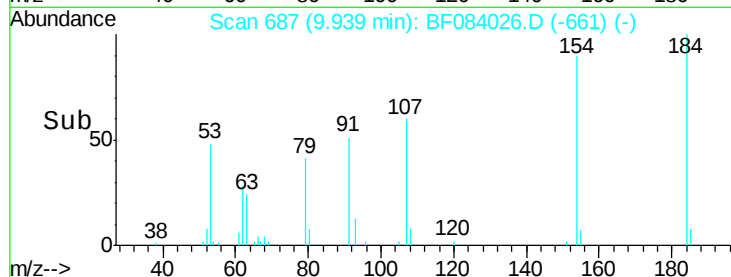
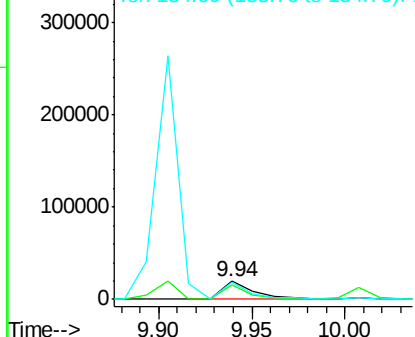
#53
2,4-Dinitrophenol
Concen: 41.98 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 24019
Ion Ratio Lower Upper
184 100
63 82.1 43.1 64.7#
154 90.2 60.5 90.7

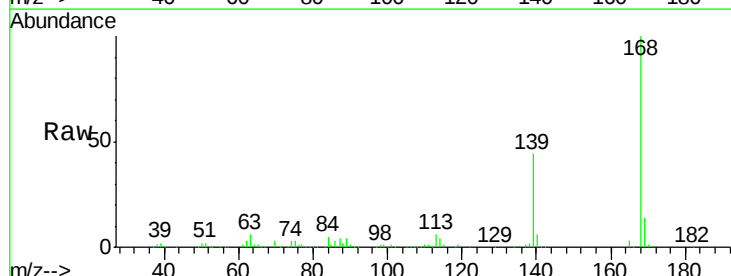


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

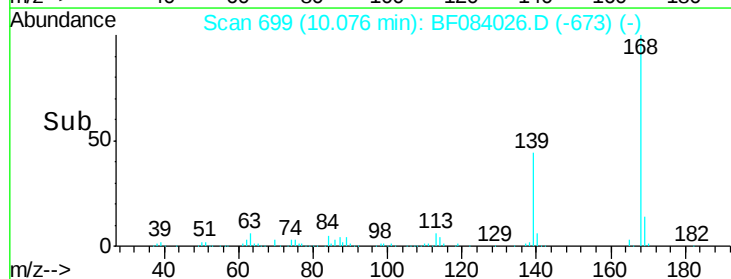
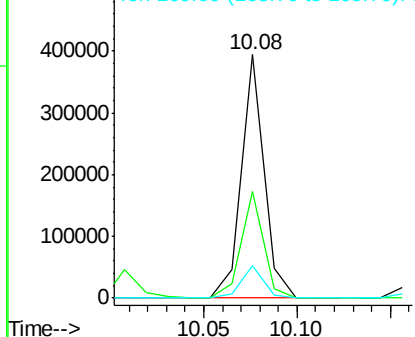


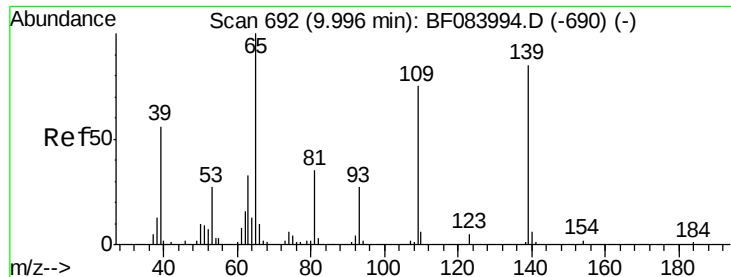
#54
Dibenzofuran
Concen: 41.43 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion:168 Resp: 334605
Ion Ratio Lower Upper
168 100
139 43.8 30.5 45.7
169 13.6 10.4 15.6



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

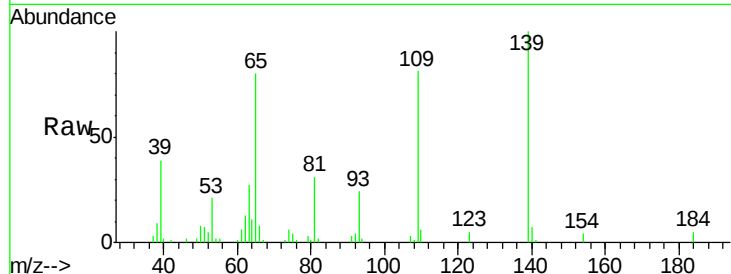




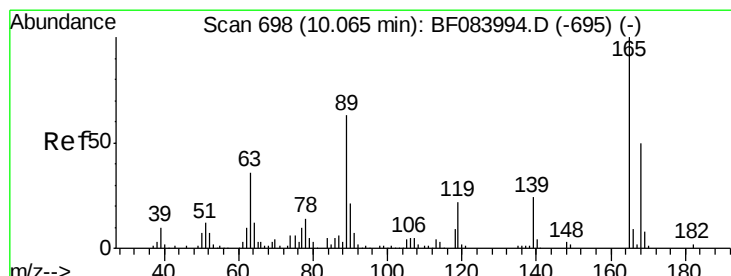
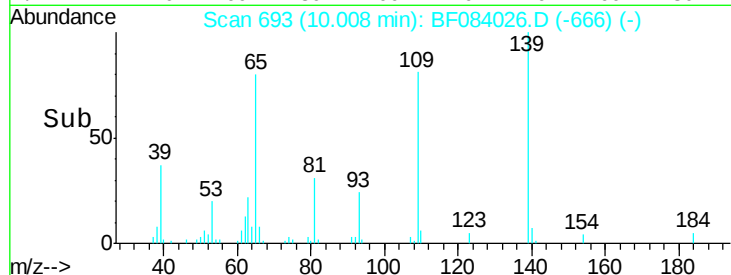
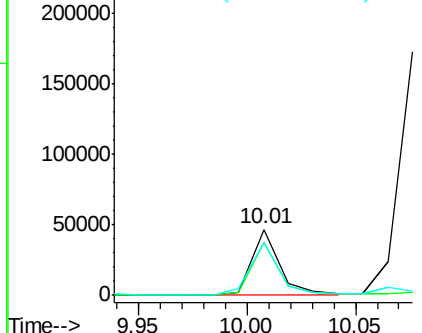
#55
4-Nitrophenol
Concen: 44.99 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 41752
Ion Ratio Lower Upper
139 100
109 81.3 58.5 98.5
65 80.4 57.6 97.6

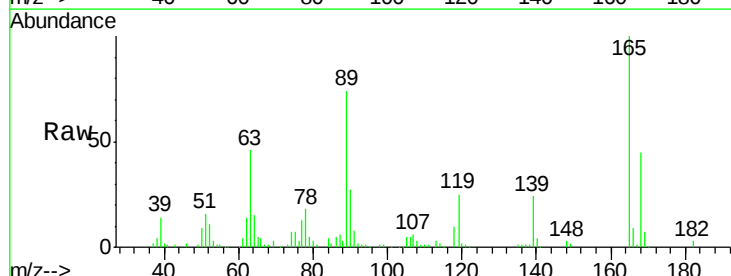


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

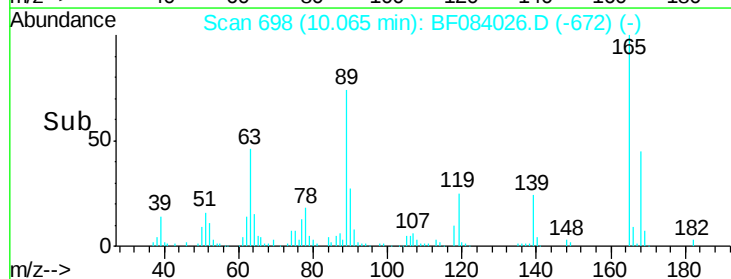
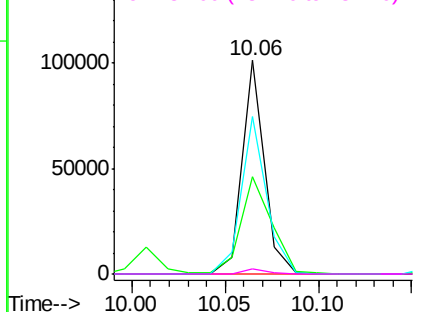


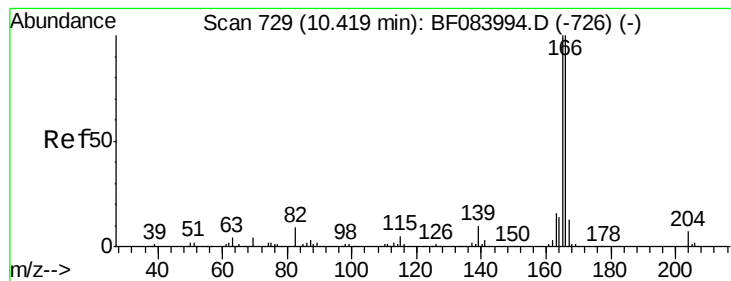
#56
2,4-Dinitrotoluene
Concen: 45.06 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion:165 Resp: 84226
Ion Ratio Lower Upper
165 100
63 45.6 36.7 55.1
89 73.8 61.9 92.9
182 2.5 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: 43.34 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

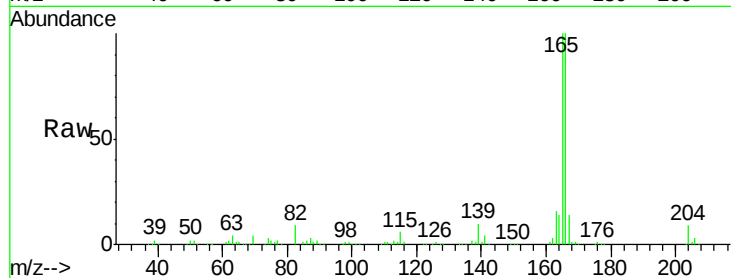
Tot Ion:166 Resp: 277273

Ion Ratio Lower Upper

166 100

165 100.0 79.1 118.7

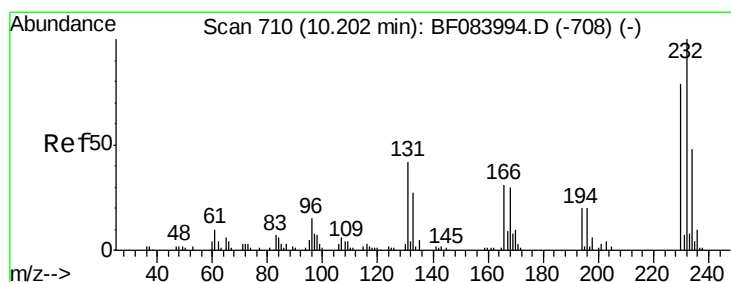
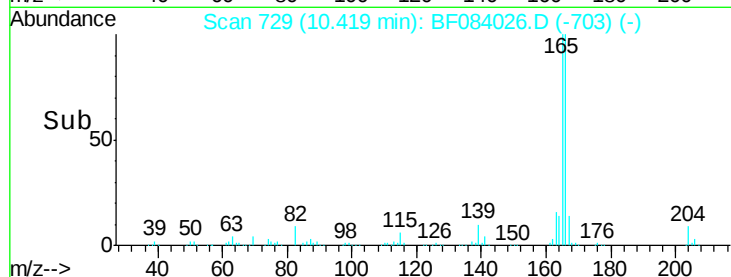
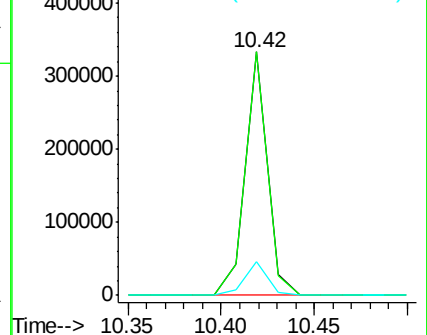
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.18 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Tgt Ion:232 Resp: 63104

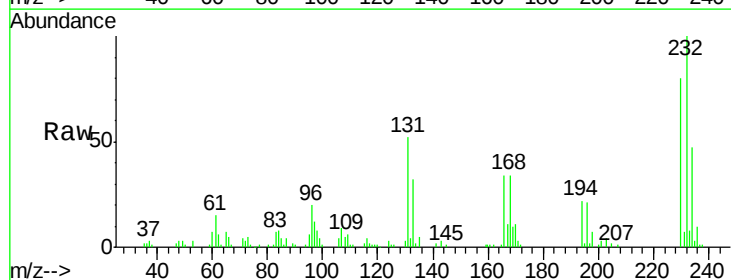
Ion Ratio Lower Upper

232 100

131 53.5 47.0 70.6

130 2.4 2.0 3.0

166 33.5 30.5 45.7

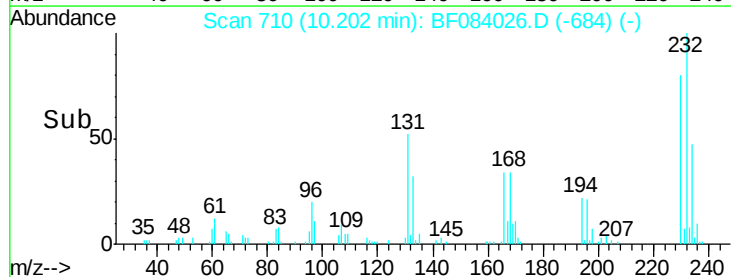
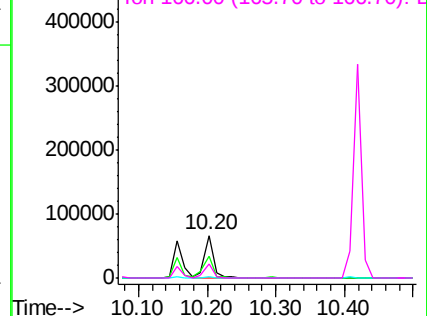


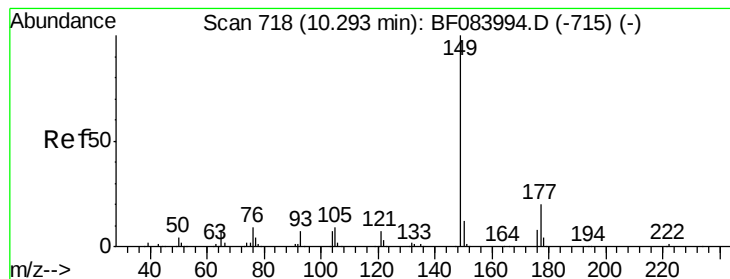
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.63 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

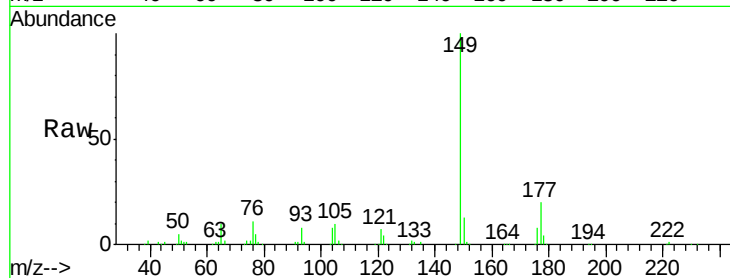
Tot Ion:149 Resp: 288272

Ion Ratio Lower Upper

149 100

177 19.8 17.3 25.9

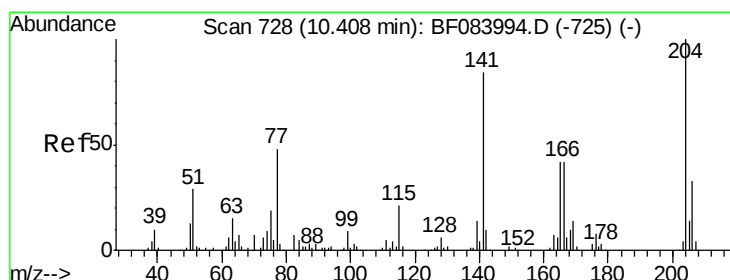
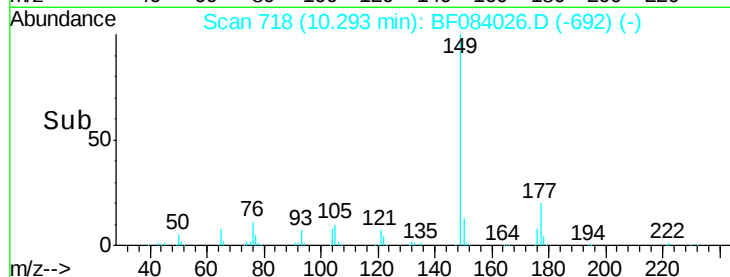
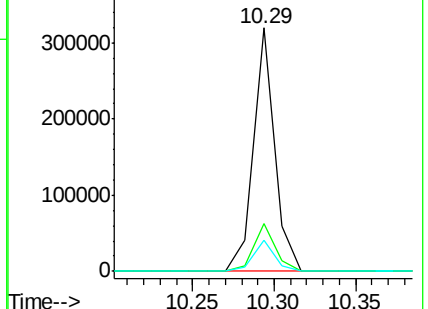
150 12.6 9.8 14.8



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: 39.69 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

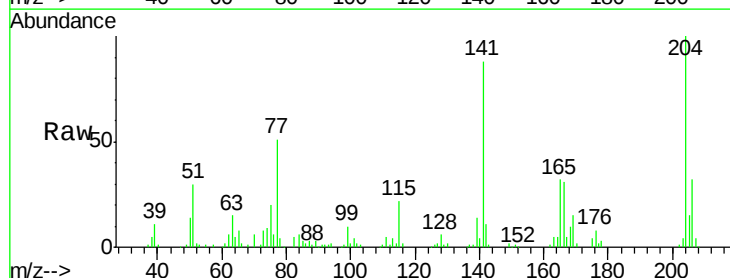
Tgt Ion:204 Resp: 116363

Ion Ratio Lower Upper

204 100

206 32.0 25.7 38.5

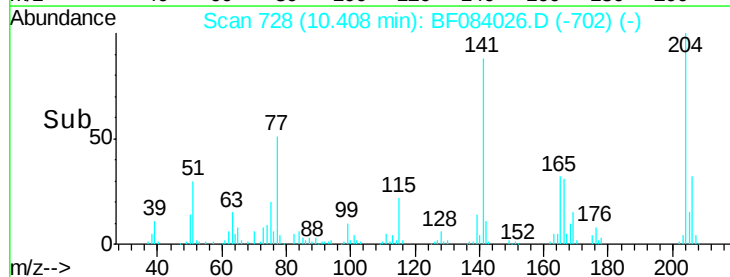
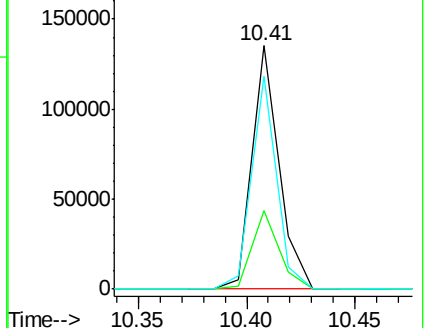
141 87.6 55.1 82.7#

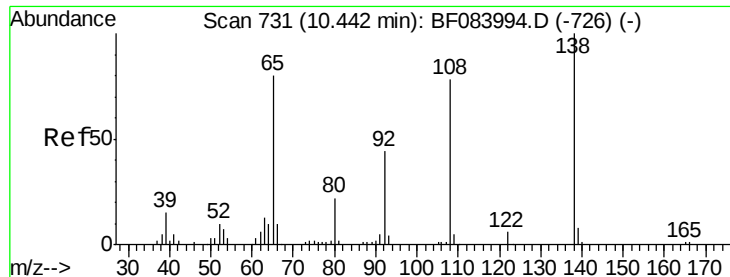


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

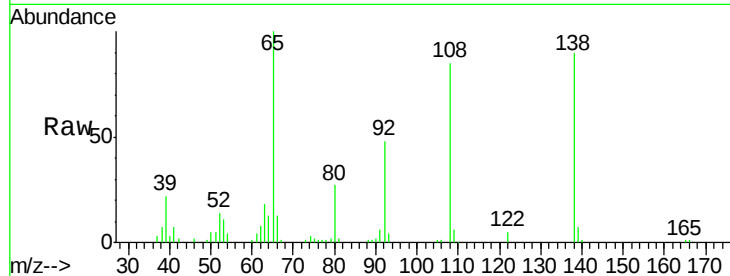




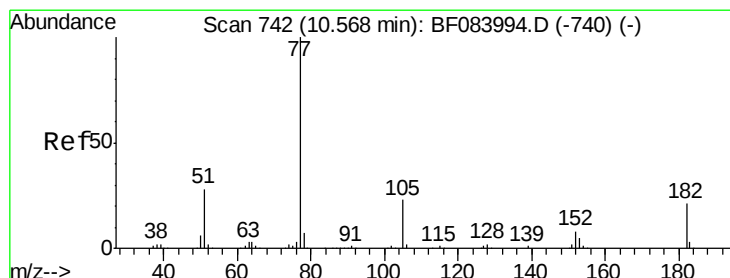
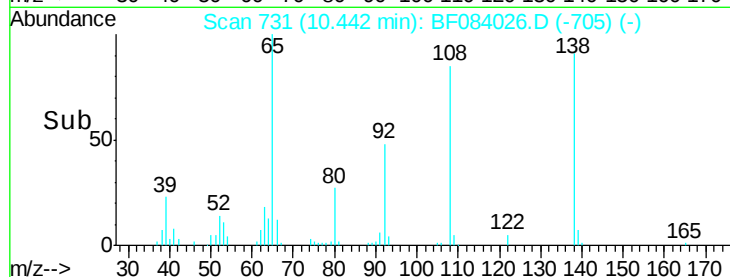
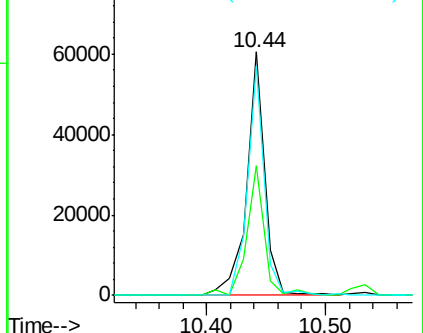
#61
4-Nitroaniline
Concen: 39.97 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 64586
Ion Ratio Lower Upper
138 100
92 53.2 32.6 72.6
108 94.4 68.6 108.6

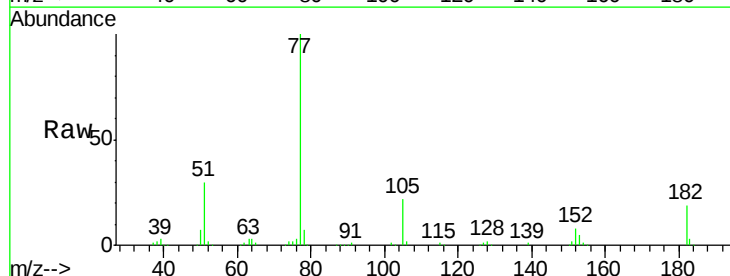


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

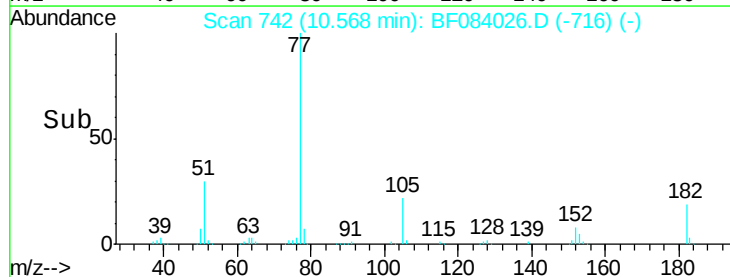
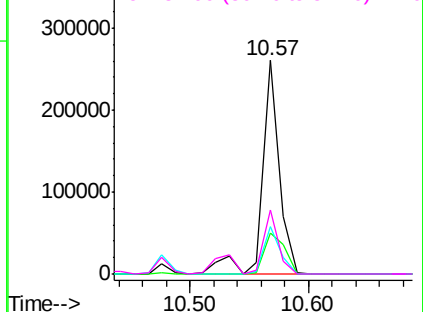


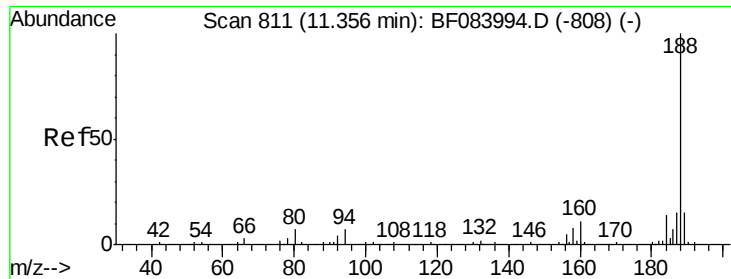
#62
Azobenzene
Concen: 43.11 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion: 77 Resp: 263523
Ion Ratio Lower Upper
77 100
182 19.3 8.3 48.3
105 22.3 4.6 44.6
51 29.8 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

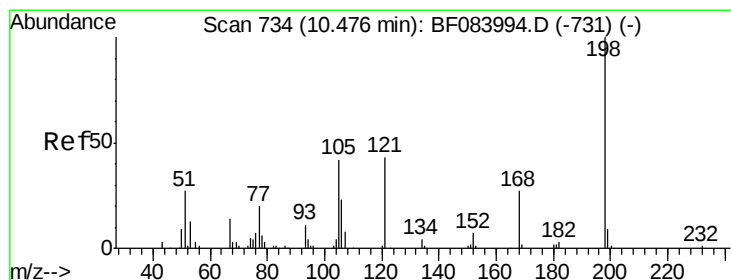
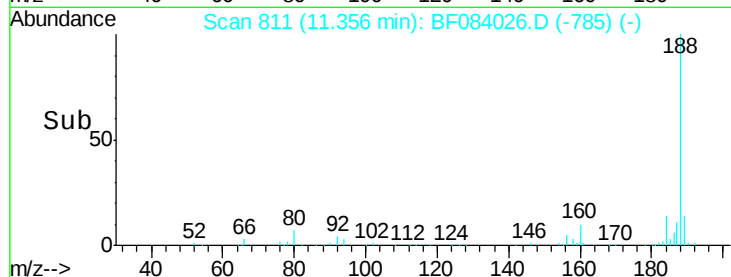
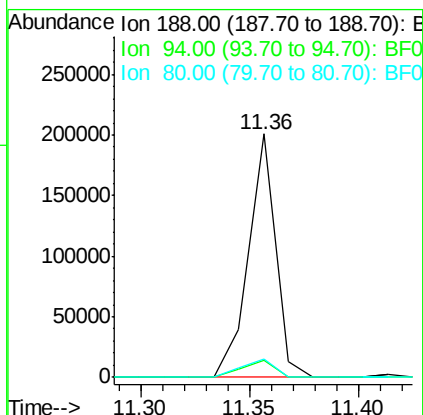
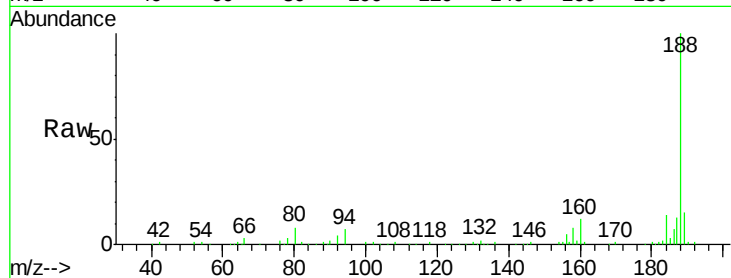




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

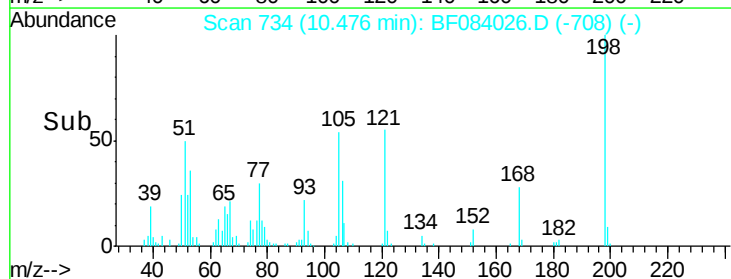
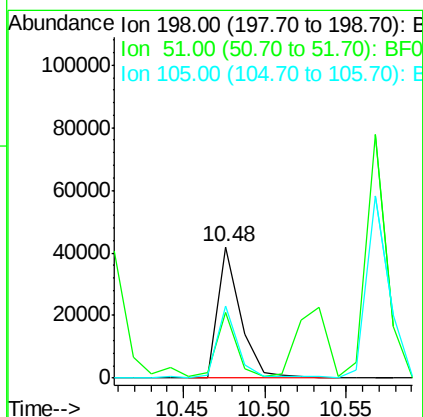
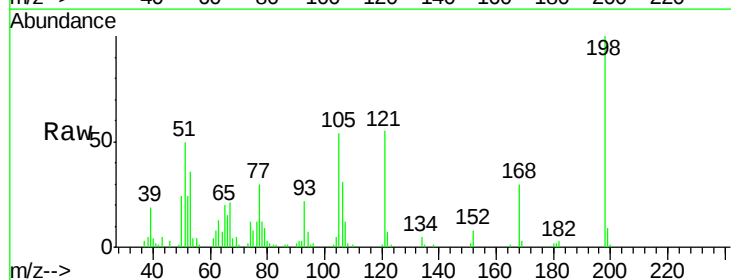
Instrument :
 BNA_F
 ClientSampleID :

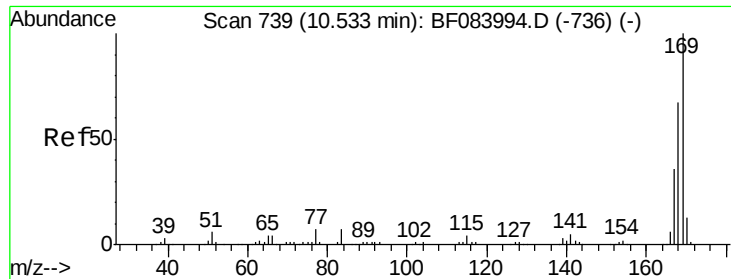
Tot Ion:188 Resp: 174248
 Ion Ratio Lower Upper
 188 100
 94 6.9 9.0 13.4#
 80 7.6 9.6 14.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.65 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:198 Resp: 40391
 Ion Ratio Lower Upper
 198 100
 51 50.1 18.9 58.9
 105 54.5 26.4 66.4

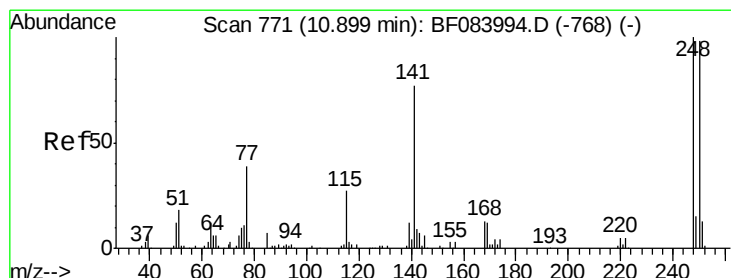
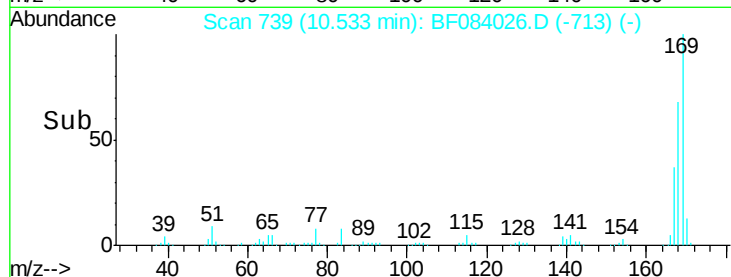
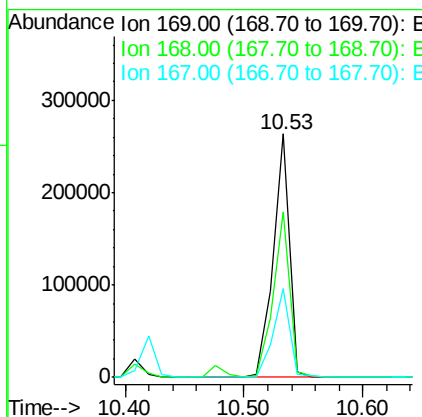
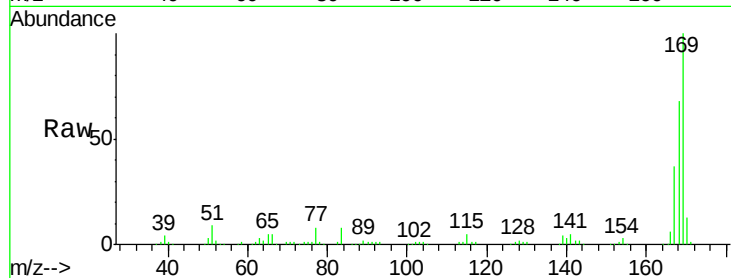




#65
n-Nitrosodiphenylamine
Concen: 39.19 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

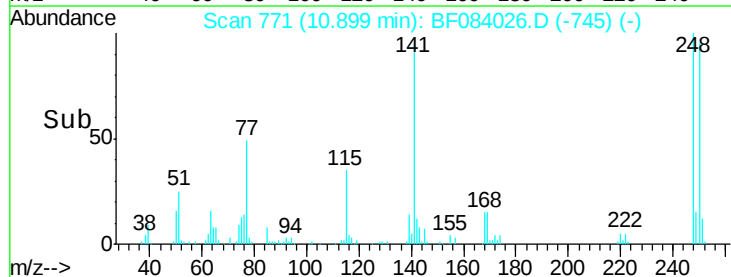
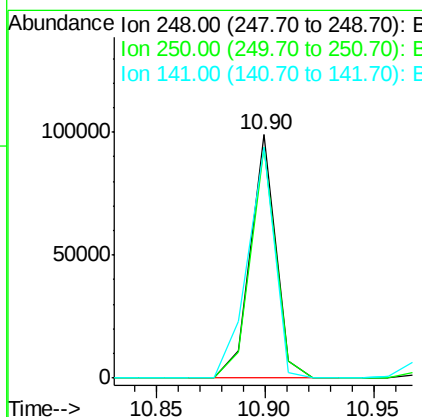
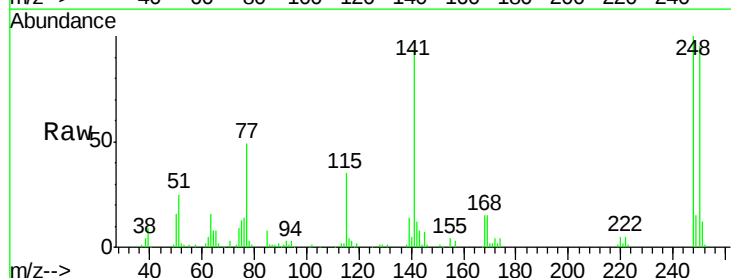
Instrument :
BNA_F
ClientSampleId :

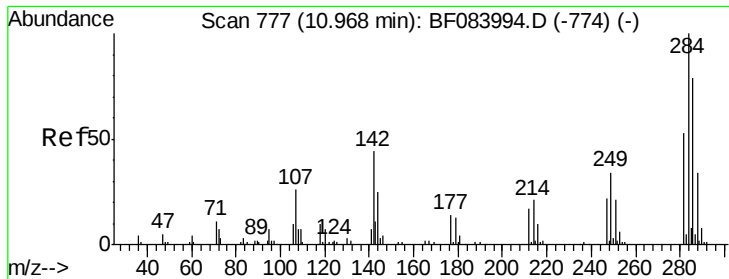
Tot Ion:169 Resp: 252240
Ion Ratio Lower Upper
169 100
168 68.2 55.1 82.7
167 36.6 30.0 45.0



#66
4-Bromophenyl-phenylether
Concen: 40.11 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion:248 Resp: 80147
Ion Ratio Lower Upper
248 100
250 94.9 78.4 117.6
141 94.6 44.0 66.0#





#67

Hexachlorobenzene

Concen: 36.83 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampled :

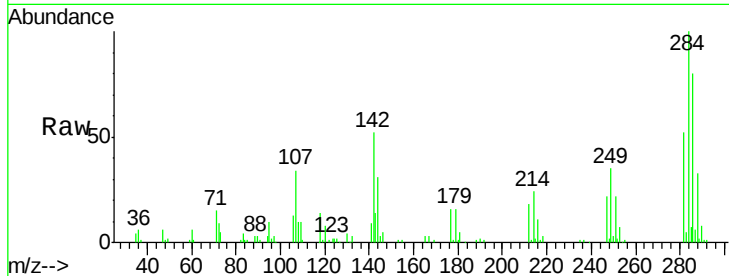
Tot Ion:284 Resp: 80331

Ion Ratio Lower Upper

284 100

142 52.2 22.2 33.4#

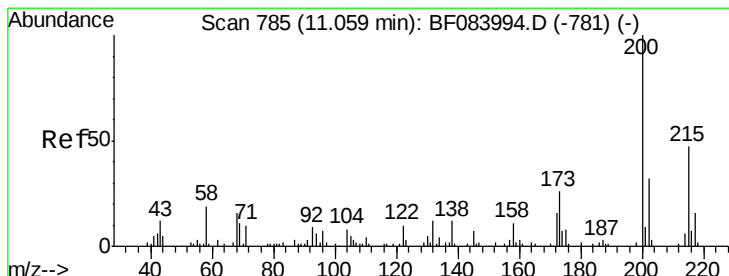
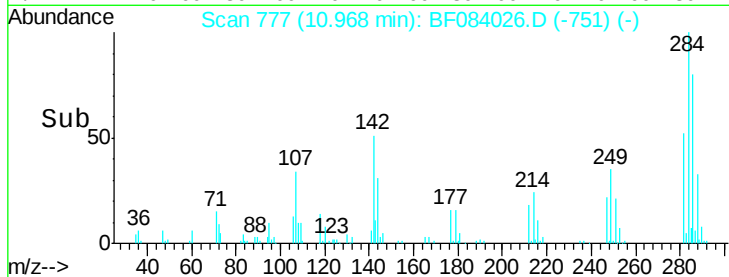
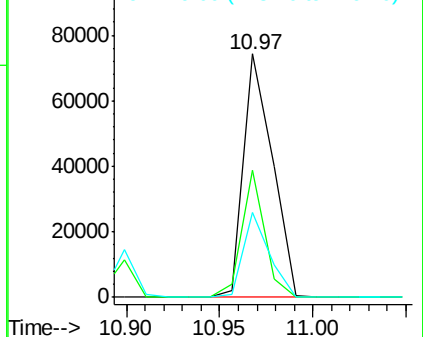
249 34.9 24.6 37.0



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: 39.15 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

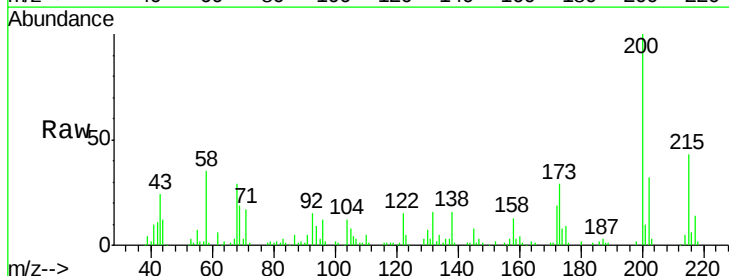
Tgt Ion:200 Resp: 76162

Ion Ratio Lower Upper

200 100

173 29.3 9.5 49.5

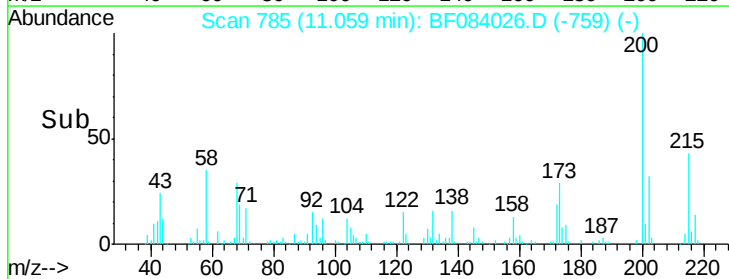
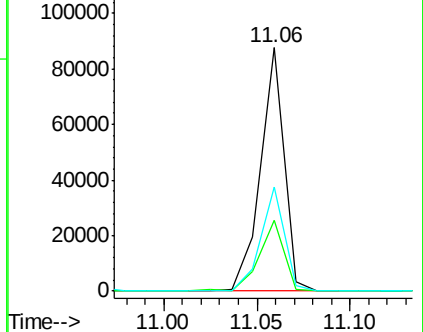
215 43.0 23.8 63.8

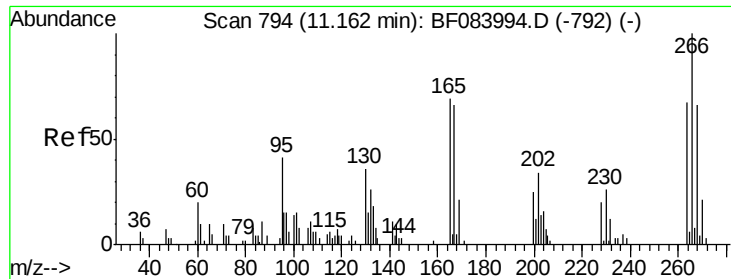


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

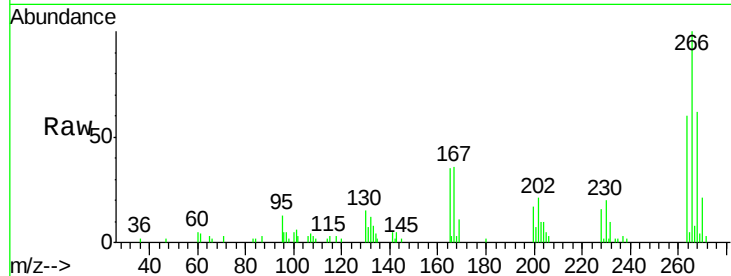




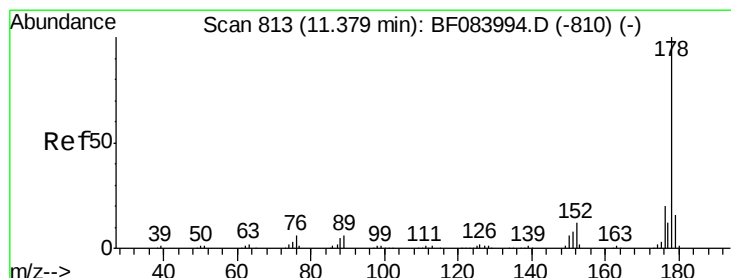
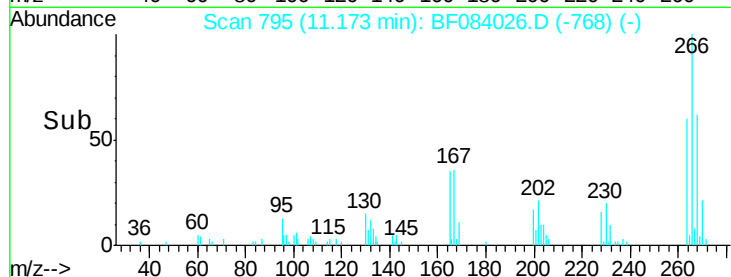
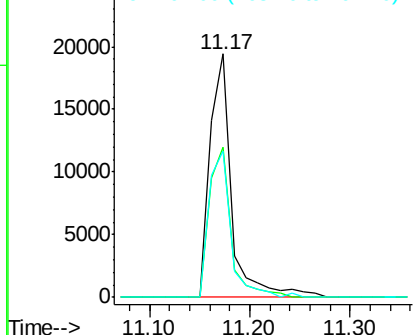
#69
 Pentachlorophenol
 Concen: 40.05 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 28956
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.4 78.6
 264 60.1 50.2 75.2

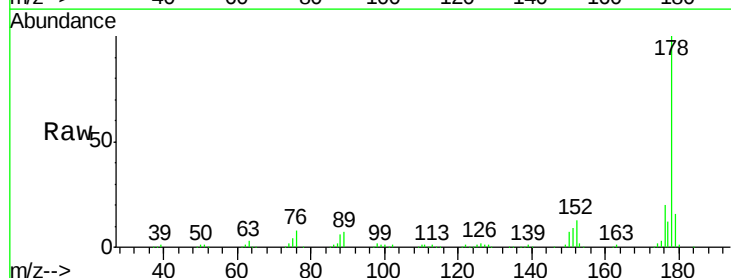


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

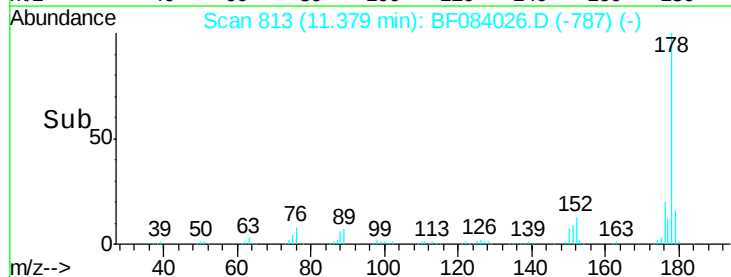
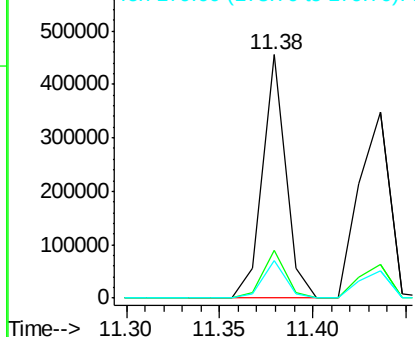


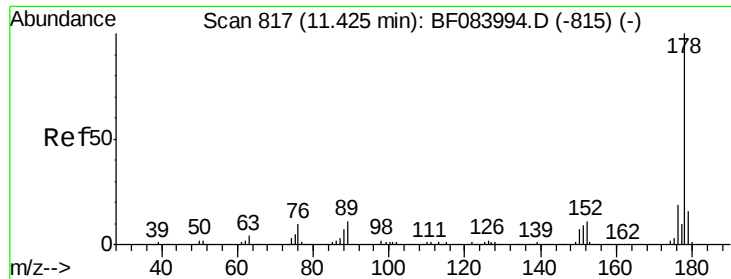
#70
 Phenanthrene
 Concen: 39.76 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:178 Resp: 391535
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 15.5 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

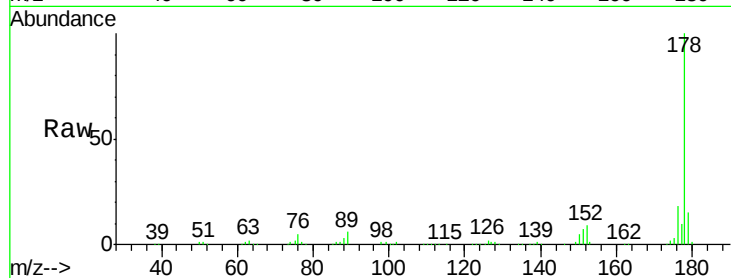




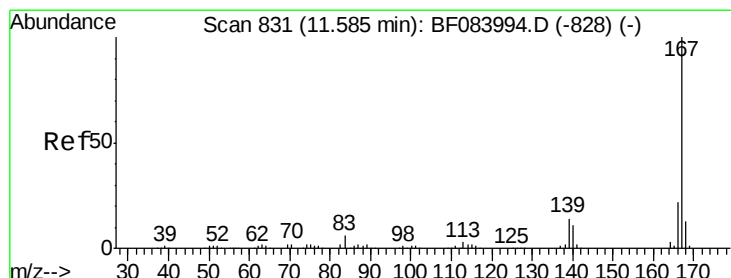
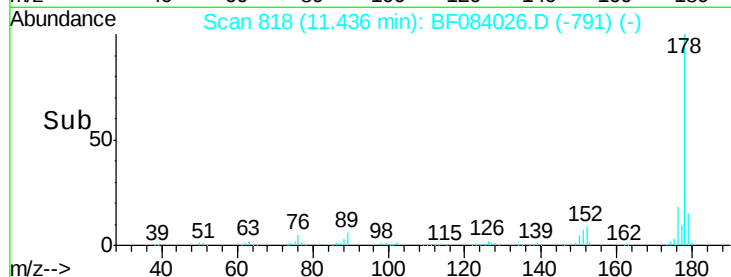
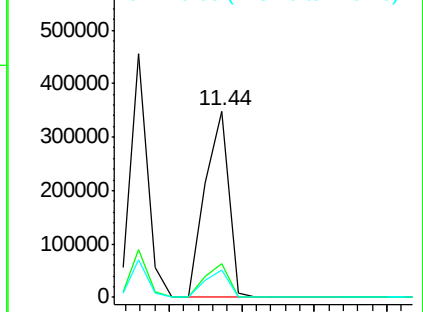
#71
 Anthracene
 Concen: 39.45 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 394603
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 15.0 12.5 18.7

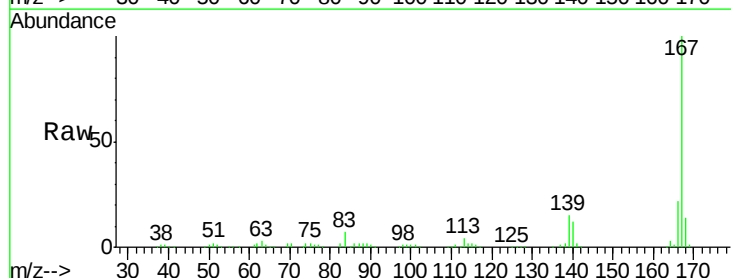


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

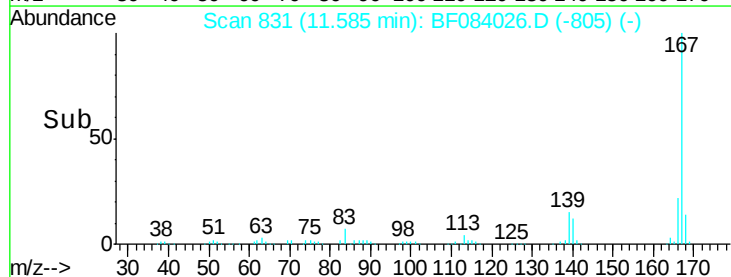
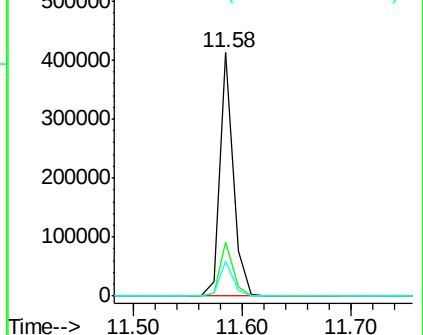


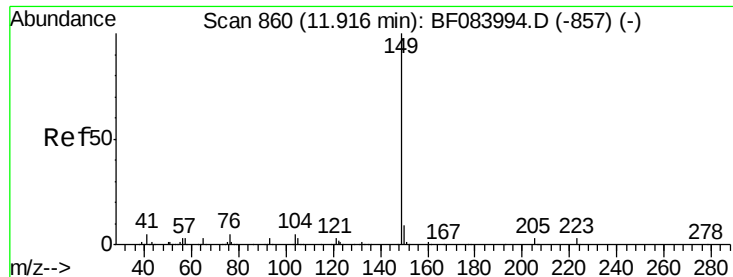
#72
 Carbazole
 Concen: 38.13 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:167 Resp: 356596
 Ion Ratio Lower Upper
 167 100
 166 22.4 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





#73

Di-n-butylphthalate

Concen: 39.93 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

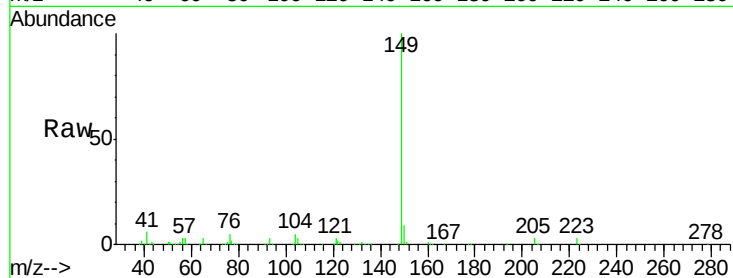
Tot Ion:149 Resp: 463624

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

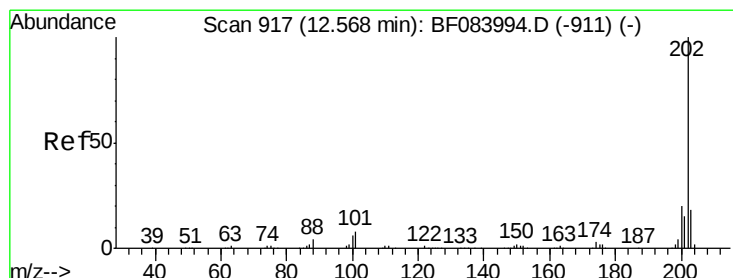
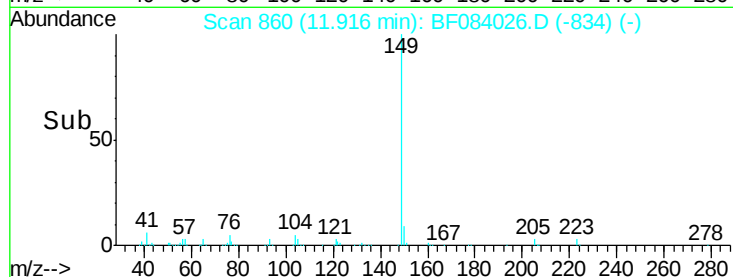
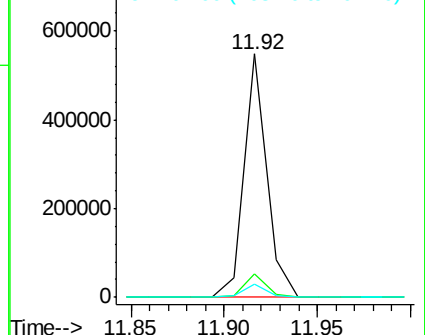
104 5.3 3.2 4.8#



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: 43.55 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

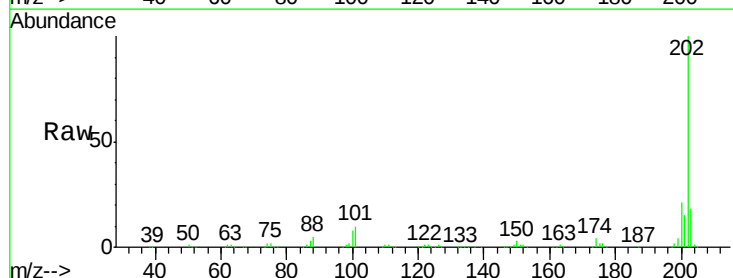
Tgt Ion:202 Resp: 425311

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.8

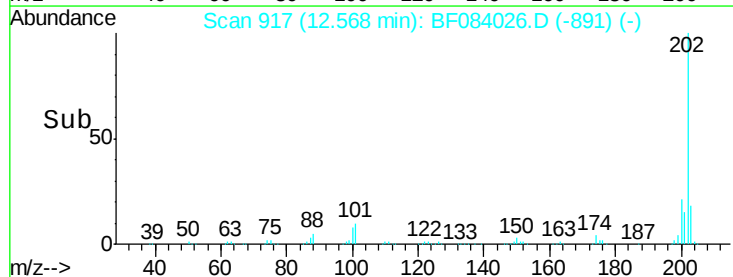
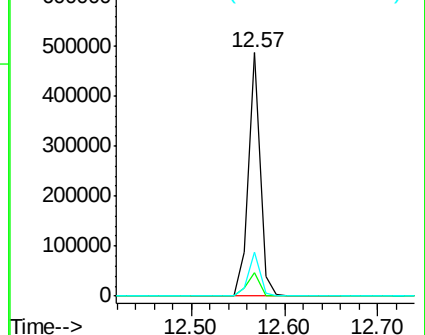
203 17.8 0.0 37.9

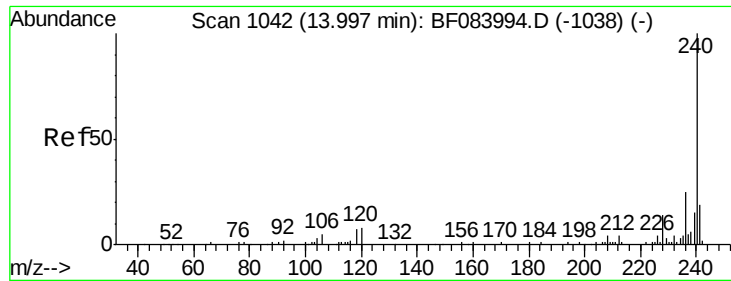


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

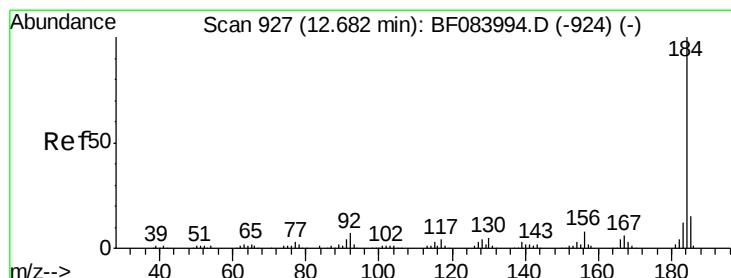
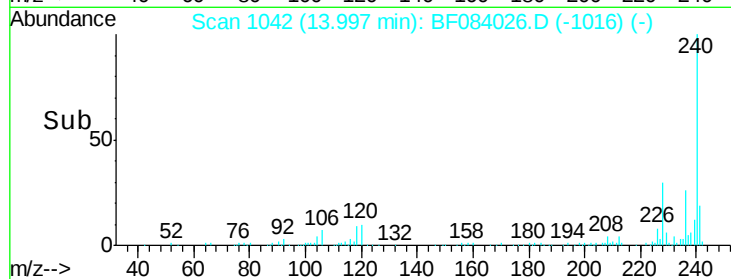
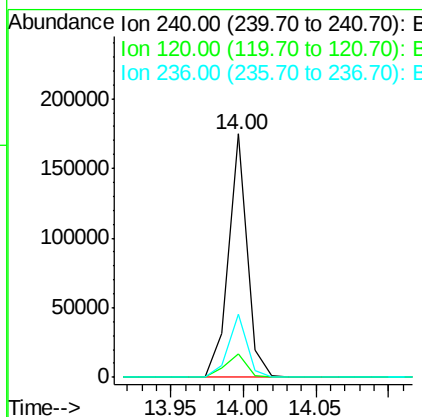
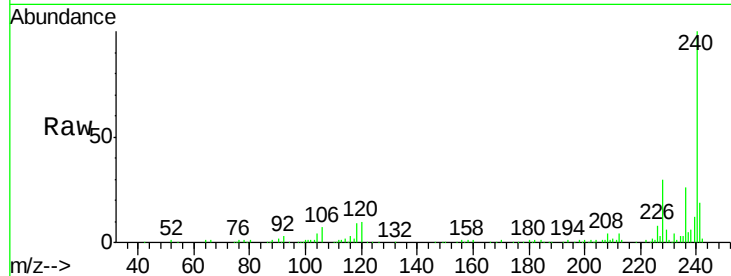




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

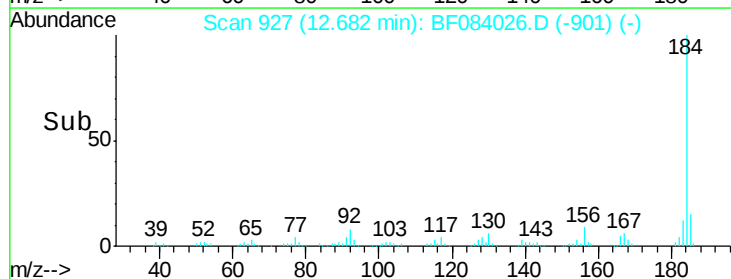
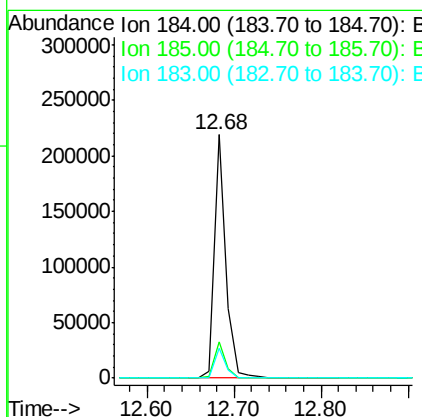
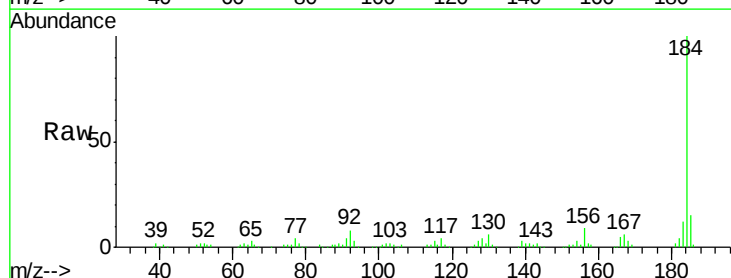
Instrument :
 BNA_F
 ClientSampleId :

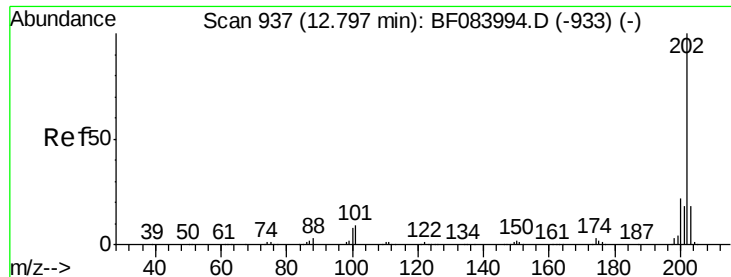
Tot Ion:240 Resp: 156874
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 25.8 20.6 31.0



#76
 Benzidine
 Concen: 36.80 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:184 Resp: 205879
 Ion Ratio Lower Upper
 184 100
 185 14.7 12.2 18.2
 183 12.1 9.8 14.8

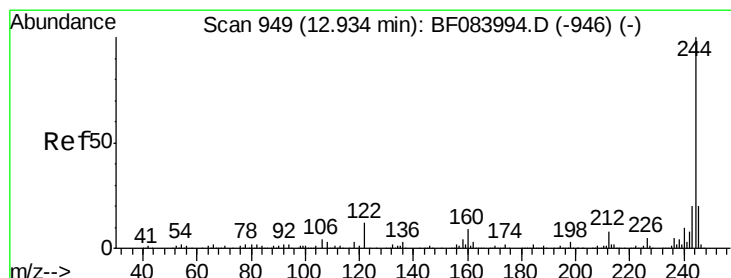
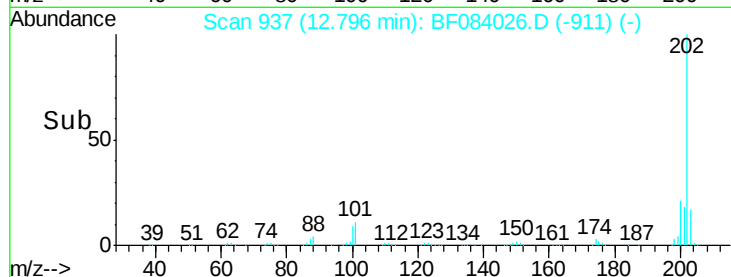
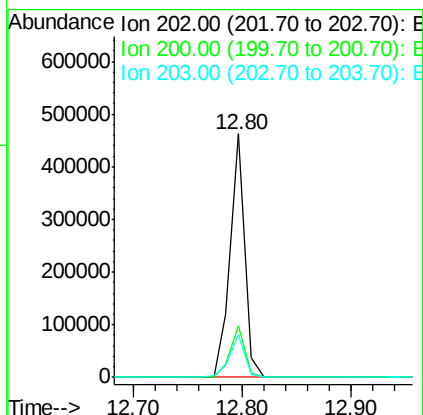
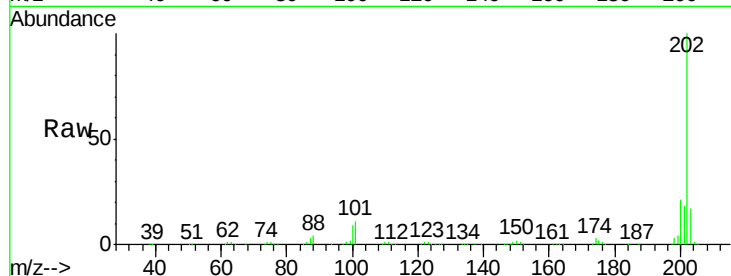




#77
Pvrene
Concen: 40.29 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

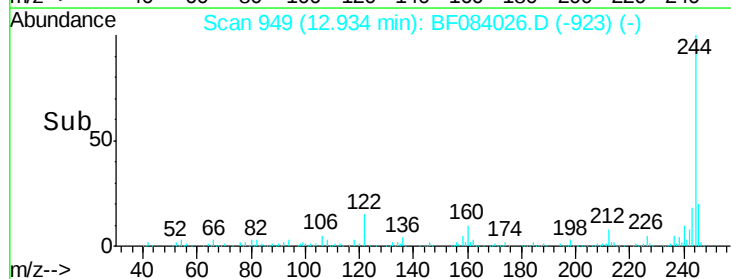
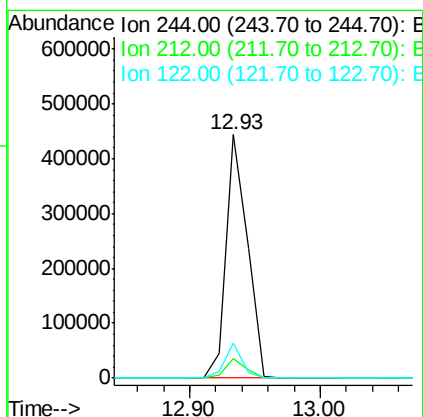
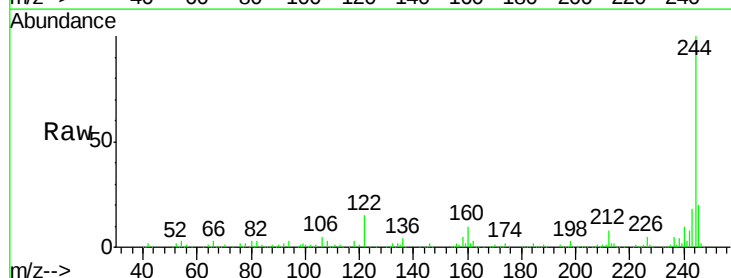
Instrument :
BNA_F
ClientSampleId :

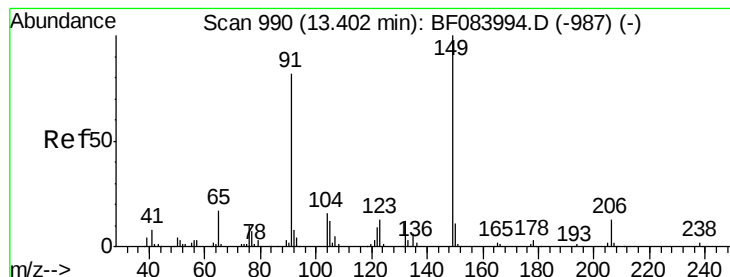
Tot Ion:202 Resp: 428782
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 76.19 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion:244 Resp: 501192
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 14.6 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 45.73 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

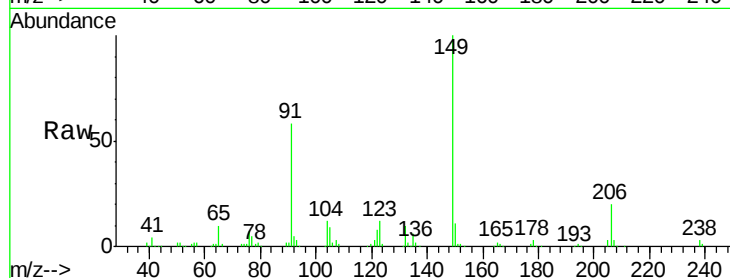
Tot Ion:149 Resp: 223842

Ion Ratio Lower Upper

149 100

91 57.8 57.6 86.4

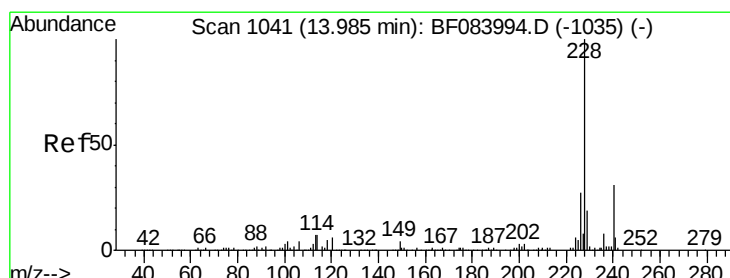
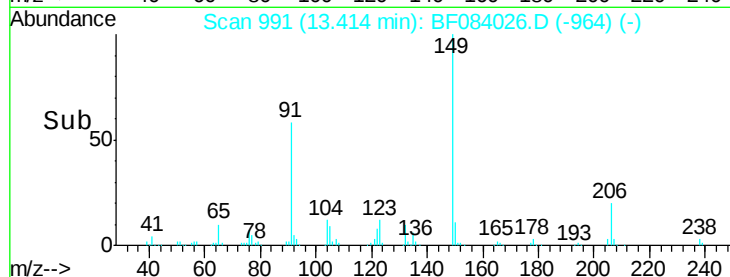
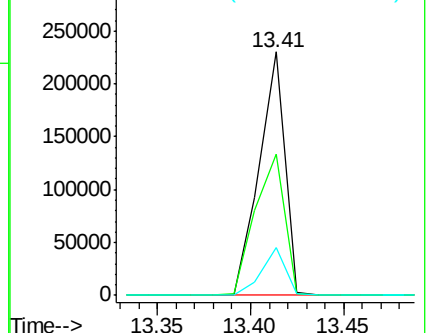
206 19.5 13.2 19.8



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: 40.92 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

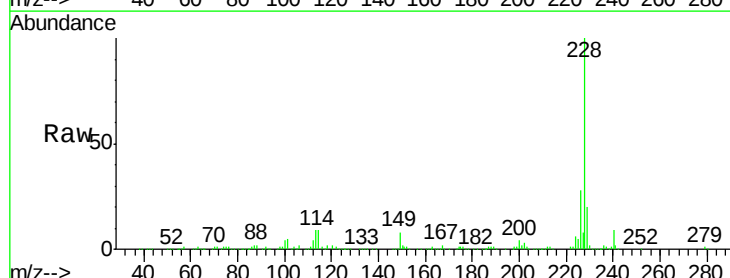
Tgt Ion:228 Resp: 370161

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

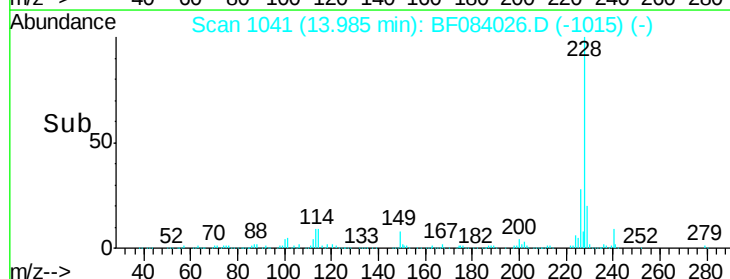
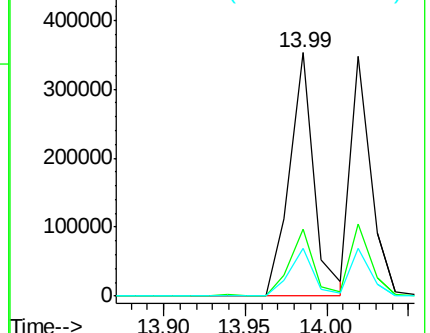
229 19.8 15.8 23.8

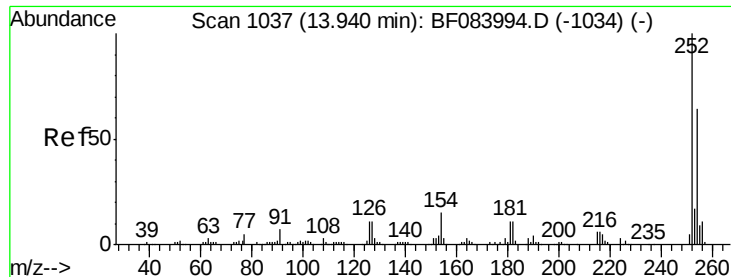


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

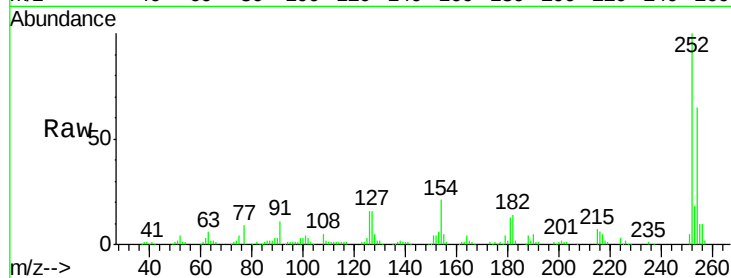




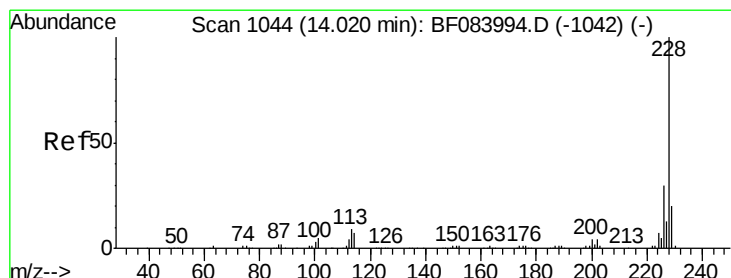
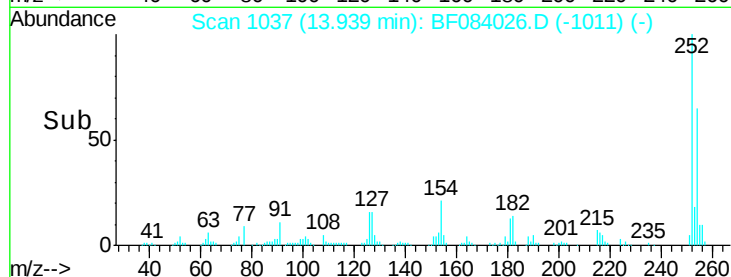
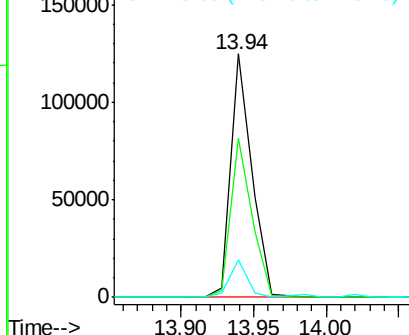
#81
 3,3'-Dichlorobenzidine
 Concen: 37.09 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 126176
 Ion Ratio Lower Upper
 252 100
 254 65.1 53.5 80.3
 126 15.6 4.9 7.3#

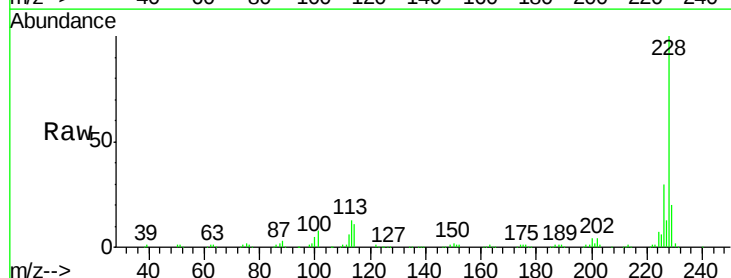


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

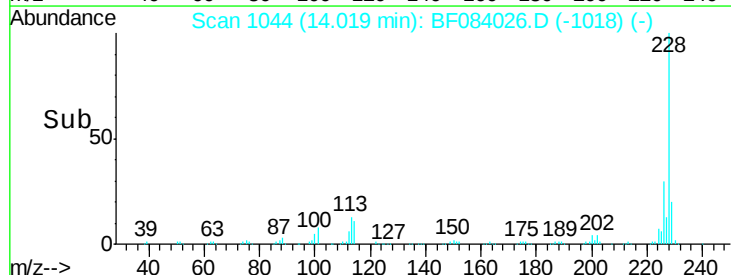
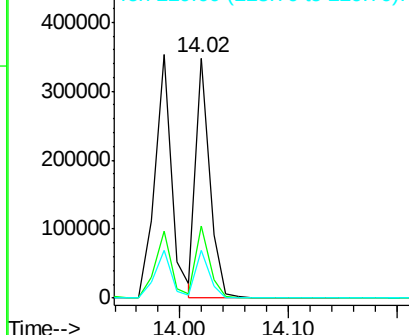


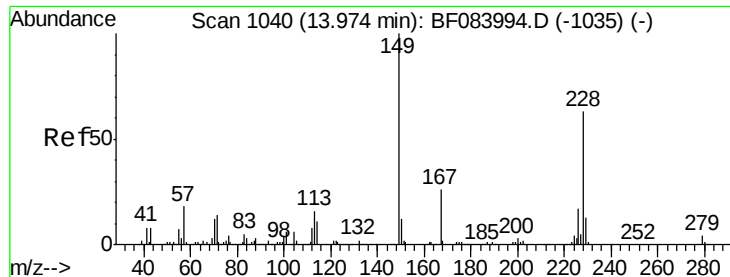
#82
 Chrysene
 Concen: 36.95 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:228 Resp: 310271
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.3 36.5
 229 19.7 16.1 24.1



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

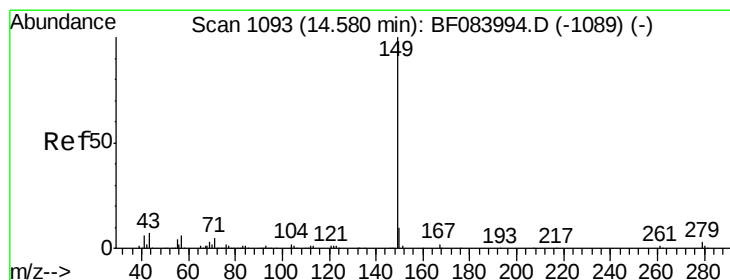
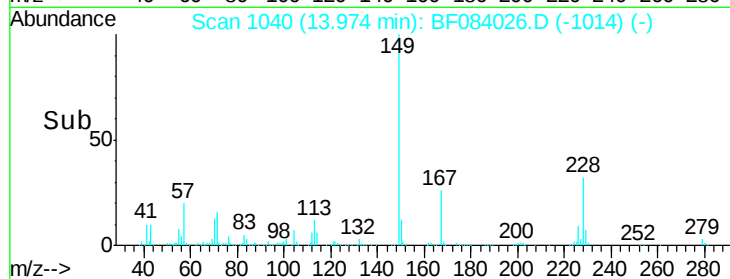
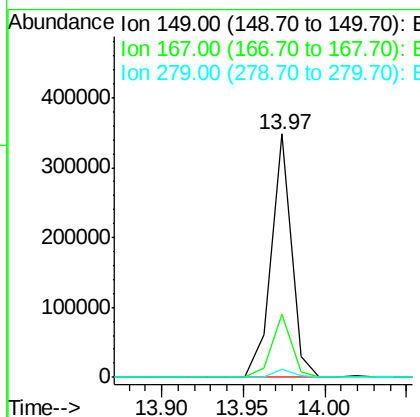
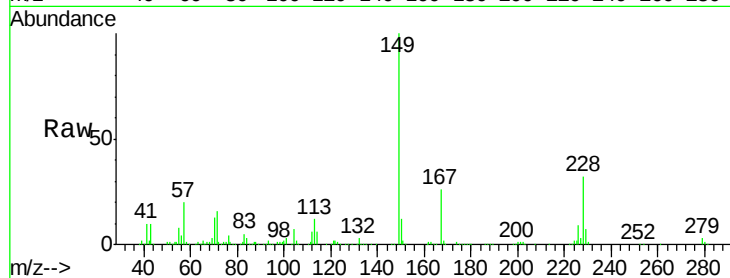




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.50 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

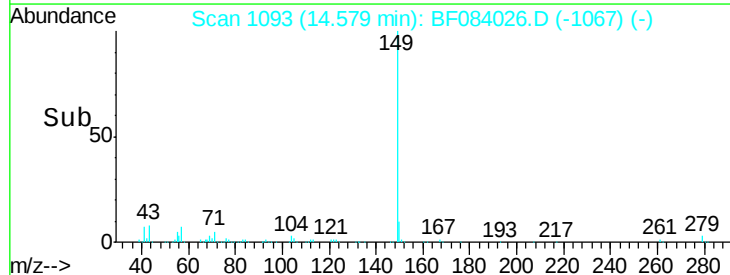
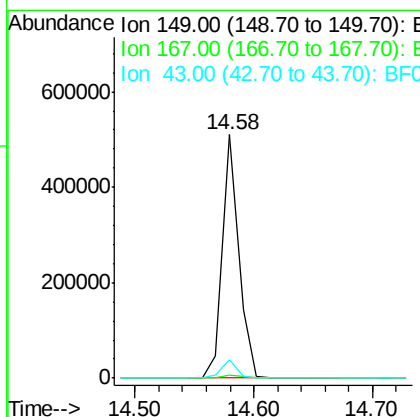
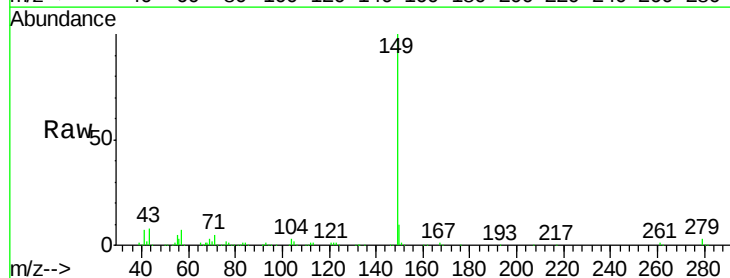
Instrument :
 BNA_F
 ClientSampleId :

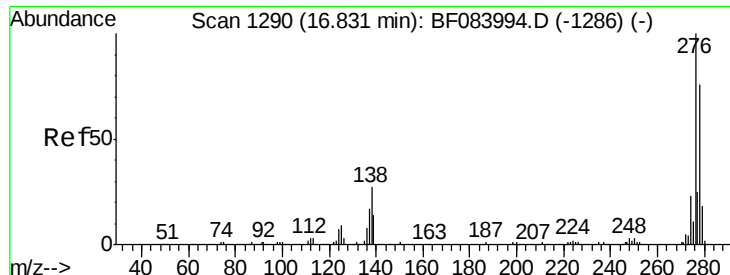
Tot Ion:149 Resp: 302069
 Ion Ratio Lower Upper
 149 100
 167 25.9 19.7 29.5
 279 3.2 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 46.44 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Tgt Ion:149 Resp: 484746
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.3 5.6 8.4

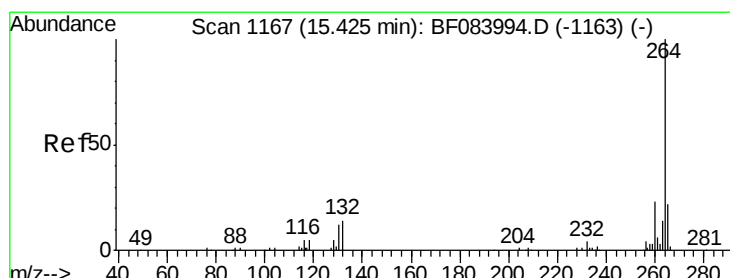
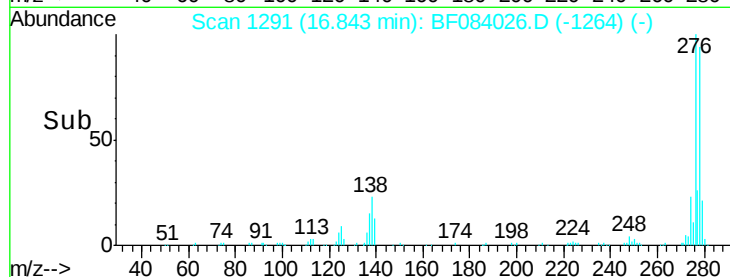
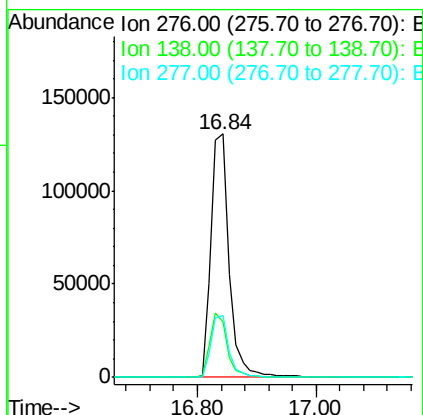
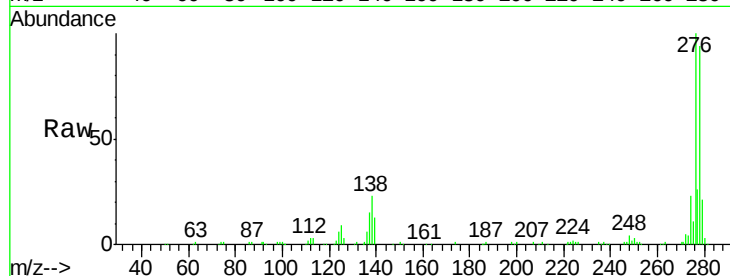




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.99 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

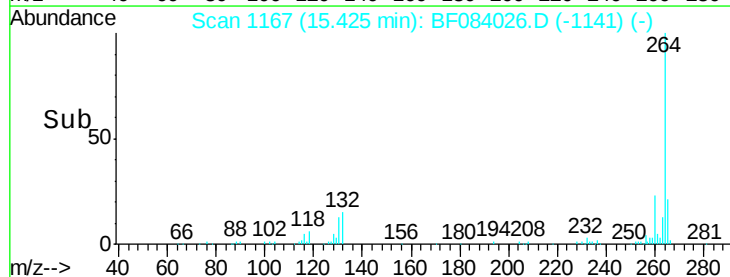
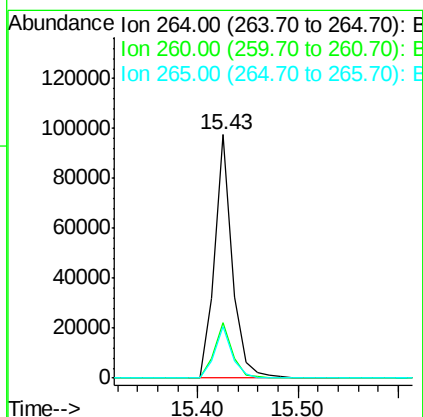
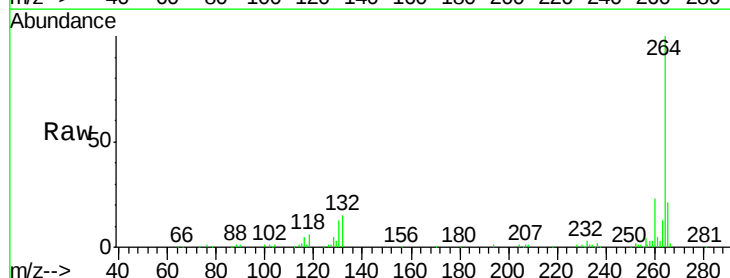
Instrument :
BNA_F
ClientSampleId :

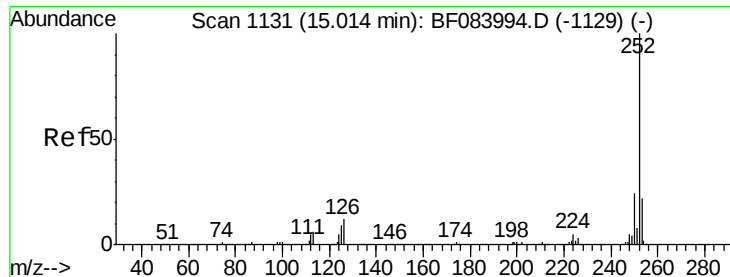
Tot Ion:276 Resp: 277778
Ion Ratio Lower Upper
276 100
138 24.8 20.6 30.8
277 24.9 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF084026.D
Acq: 23 Dec 2015 8:55

Tgt Ion:264 Resp: 118764
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.2 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 82.90 ng

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

Instrument :

BNA_F

ClientSampleId :

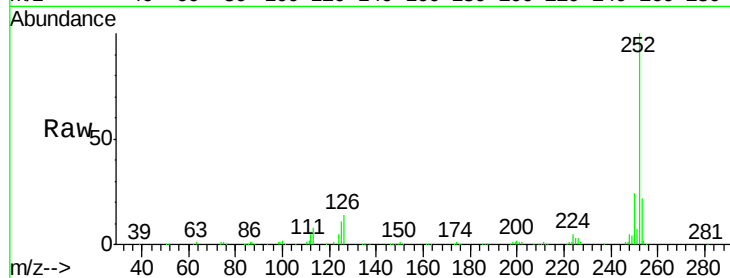
Tot Ion:252 Resp: 620673

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

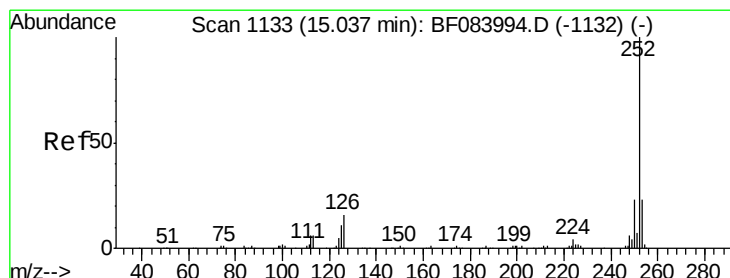
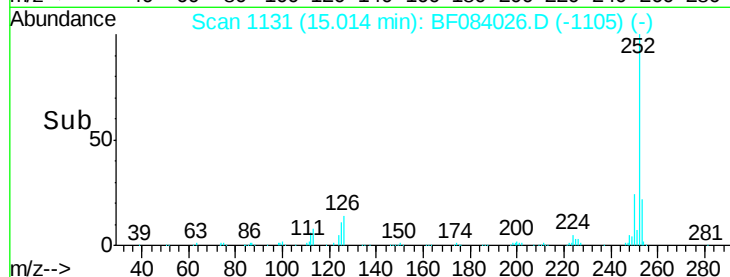
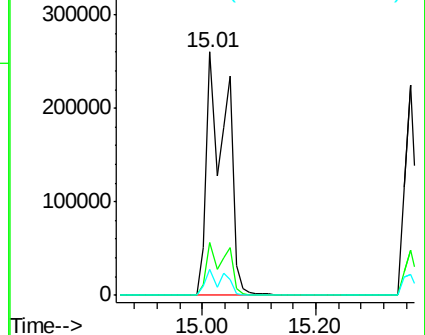
125 10.9 6.5 9.7#



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: 87.16 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF084026.D

Acq: 23 Dec 2015 8:55

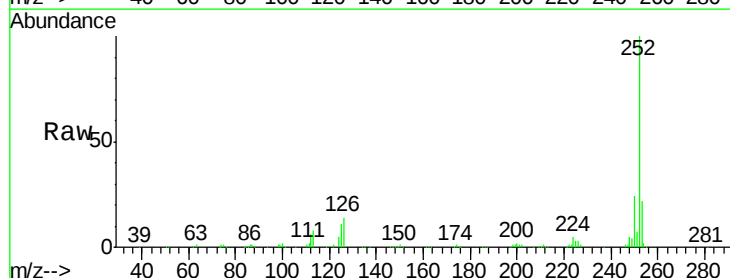
Tgt Ion:252 Resp: 620673

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

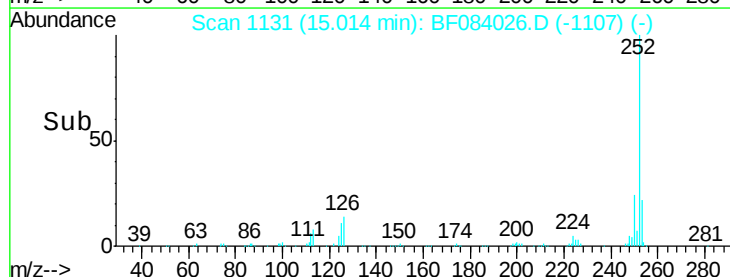
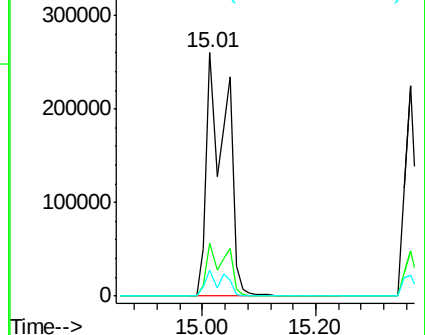
125 10.9 9.0 13.6

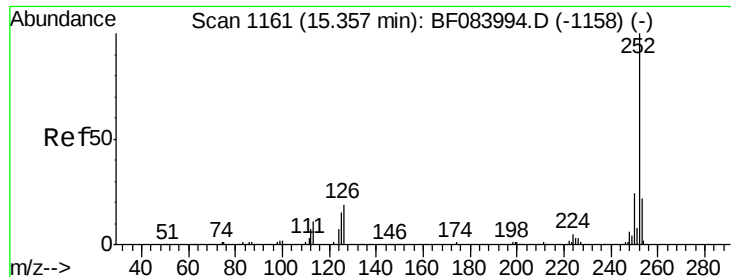


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.73 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF084026.D

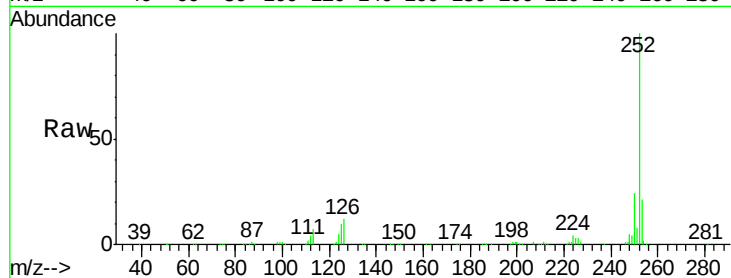
Acq: 23 Dec 2015 8:55

Instrument :

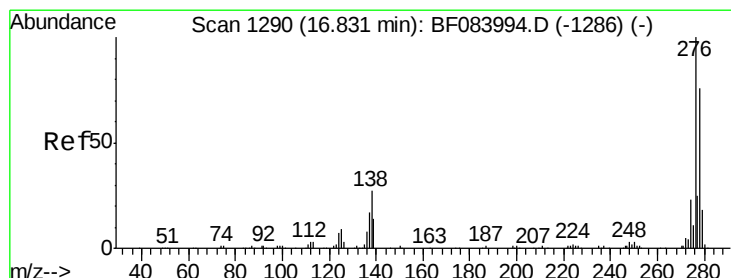
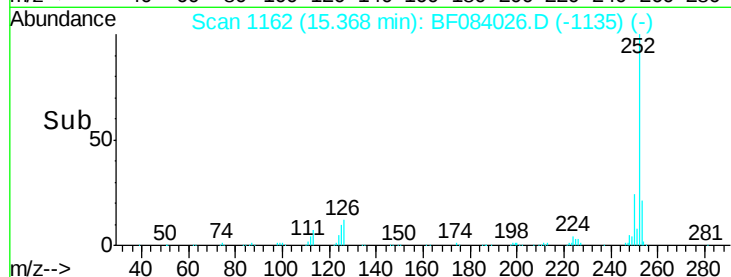
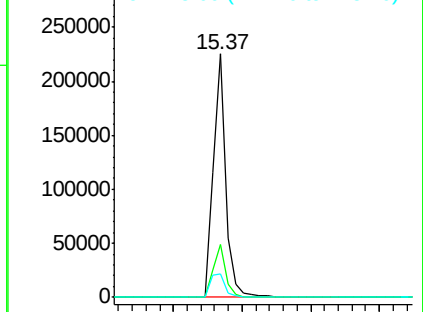
BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	289367
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	9.6	7.0	10.4



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



#90

Dibenzo(a,h)anthracene

Concen: 40.87 ng

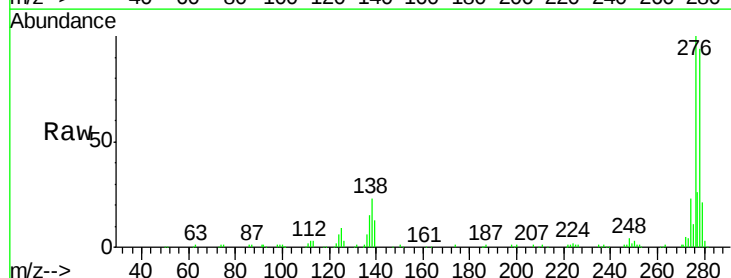
RT: 16.84 min Scan# 1291

Delta R.T. 0.01 min

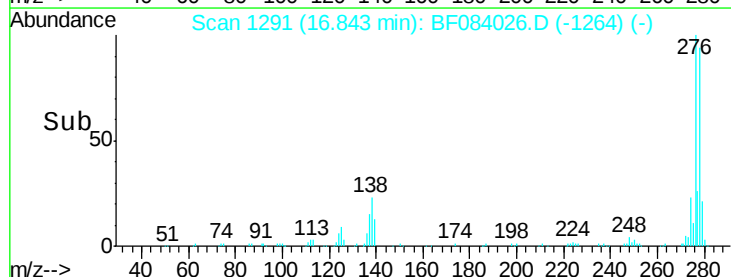
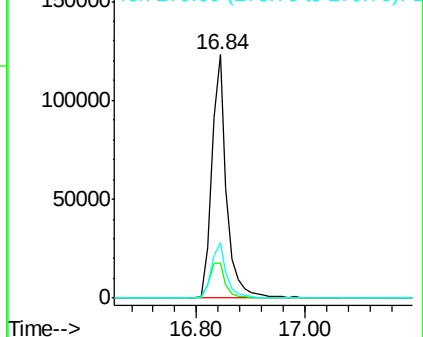
Lab File: BF084026.D

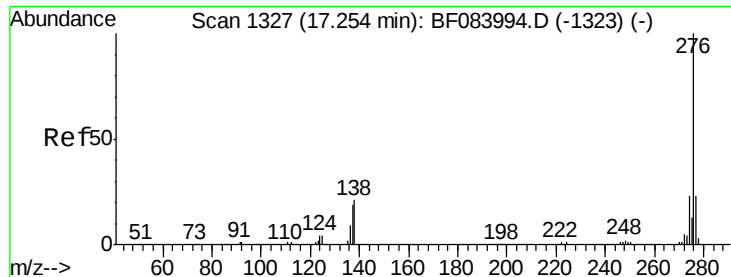
Acq: 23 Dec 2015 8:55

Tgt Ion:	278	Resp:	234880
Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.0	22.4#
279	22.6	18.9	28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

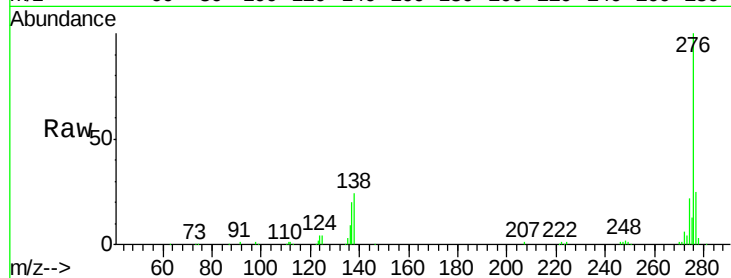




#91
 Benzo(a,h,i)perylene
 Concen: 38.39 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF084026.D
 Acq: 23 Dec 2015 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	24.0	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

