

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084086.D
 Acq On : 24 Dec 2015 18:34
 Operator : UM/SJ
 Sample : PB87523BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Quant Time: Dec 25 01:38:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48469	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	189079	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	87109	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	166460	20.00	ng	0.00
75) Chrysene-d12	13.96	240	118422	20.00	ng	0.00
86) Perylene-d12	15.38	264	94493	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	219412	76.75	ng	0.01
7) Phenol-d6	6.45	99	264310	74.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	245183	75.90	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	70999	76.43	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	486442	76.41	ng	0.00
78) Terphenyl-d14	12.90	244	454813	69.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	36732	31.35	ng	# 95
3) Pyridine	3.14	79	113639	39.71	ng	98
4) n-Nitrosodimethylamine	3.09	42	48106	38.15	ng	97
6) Aniline	6.46	93	87082	19.47	ng	# 7
8) 2-Chlorophenol	6.59	128	140713	39.64	ng	94
9) Benzaldehyde	6.35	77	35057	18.53	ng	85
10) Phenol	6.46	94	150062	37.09	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	109273	37.45	ng	97
12) 1,3-Dichlorobenzene	6.74	146	144282	37.23	ng	98
13) 1,4-Dichlorobenzene	6.74	146	144282	36.99	ng	95
14) 1,2-Dichlorobenzene	6.97	146	136729	38.04	ng	98
15) Benzyl Alcohol	6.94	79	109948	41.04	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.08	45	101243	35.52	ng	# 50
17) 2-Methylphenol	7.07	107	102970	37.77	ng	# 91
18) Hexachloroethane	7.31	117	53621	37.67	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	86519	39.71	ng	# 89
20) 3+4-Methylphenols	7.23	107	142237	40.90	ng	# 49
22) Acetophenone	7.21	105	179661	38.03	ng	# 92
24) Nitrobenzene	7.39	77	124553	36.31	ng	# 82
25) Isophorone	7.63	82	233479	39.08	ng	95
26) 2-Nitrophenol	7.70	139	69362	39.52	ng	# 79
27) 2,4-Dimethylphenol	7.76	122	126394	43.39	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	136678	39.24	ng	100
29) 2,4-Dichlorophenol	7.95	162	109671	40.53	ng	94
30) 1,2,4-Trichlorobenzene	8.03	180	115713	39.02	ng	97
31) Naphthalene	8.11	128	396379	39.40	ng	99
32) Benzoic acid	7.89	122	58256	41.70	ng	99
33) 4-Chloroaniline	8.16	127	45033	11.25	ng	99
34) Hexachlorobutadiene	8.22	225	62577	37.00	ng	99
35) Caprolactam	8.53	113	23264	31.00	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	124782	41.01	ng	93
37) 2-Methylnaphthalene	8.80	142	257625	40.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	112114	40.83	ng	98
40) Hexachlorocyclopentadiene	8.96	237	69440	84.78	ng	94

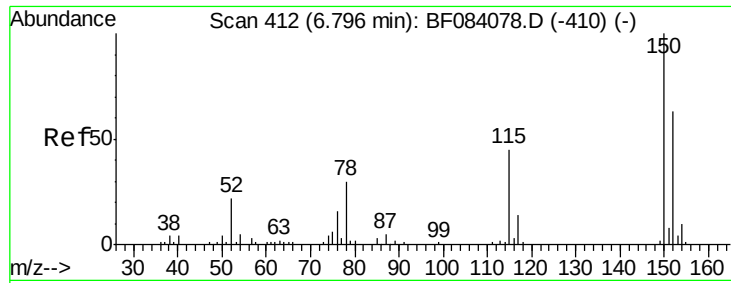
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084086.D
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 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69064	38.57	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	71514	39.90	ng	98
45) 1,1'-Biphenyl	9.26	154	333405	42.37	ng	97
46) 2-Chloronaphthalene	9.29	162	250358	41.85	ng	95
47) 2-Nitroaniline	9.39	65	70542	44.37	ng	# 63
48) Acenaphthylene	9.70	152	377389	38.41	ng	99
49) Dimethylphthalate	9.57	163	303160	42.02	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	67068	43.80	ng	# 81
51) Acenaphthene	9.87	154	223276	39.07	ng	100
52) 3-Nitroaniline	9.80	138	29874	18.18	ng	# 70
53) 2,4-Dinitrophenol	9.92	184	44334	76.11	ng	97
54) Dibenzofuran	10.04	168	325995	41.48	ng	91
55) 4-Nitrophenol	9.98	139	68517	81.68	ng	# 74
56) 2,4-Dinitrotoluene	10.04	165	86834	42.96	ng	88
57) Fluorene	10.38	166	263774	39.49	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	58926	46.12	ng	99
59) Diethylphthalate	10.27	149	291356	39.76	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	113486	36.84	ng	# 79
61) 4-Nitroaniline	10.42	138	68064	44.81	ng	93
62) Azobenzene	10.53	77	269485	44.63	ng	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	36431	39.43	ng	81
65) n-Nitrosodiphenylamine	10.50	169	253090	42.65	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	78038	40.47	ng	# 79
67) Hexachlorobenzene	10.93	284	79942	37.86	ng	# 68
68) Atrazine	11.02	200	66121	37.00	ng	97
69) Pentachlorophenol	11.14	266	58233	83.49	ng	96
70) Phenanthrene	11.34	178	393151	39.84	ng	99
71) Anthracene	11.40	178	405215	39.27	ng	99
72) Carbazole	11.55	167	344244	39.22	ng	100
73) Di-n-butylphthalate	11.88	149	436580	38.60	ng	# 98
74) Fluoranthene	12.53	202	427094	40.69	ng	96
76) Benzidine	12.65	184	101810	25.29	ng	99
77) Pyrene	12.76	202	433866	42.47	ng	100
79) Butylbenzylphthalate	13.38	149	181155	42.83	ng	# 77
80) Benzo(a)anthracene	13.95	228	304541	41.81	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	59230	26.85	ng	# 95
82) Chrysene	13.99	228	289668	43.12	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	239712	43.87	ng	# 98
84) Di-n-octyl phthalate	14.55	149	340160	44.24	ng	100
85) Indeno(1,2,3-cd)pyrene	16.76	276	274891	40.87	ng	100
87) Benzo(b)fluoranthene	15.00	252	499972	71.25	ng	98
88) Benzo(k)fluoranthene	15.00	252	499972	105.13	ng	# 97
89) Benzo(a)pyrene	15.32	252	239524	41.43	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	227024	40.24	ng	# 94
91) Benzo(g,h,i)perylene	17.19	276	230817	40.08	ng	97

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

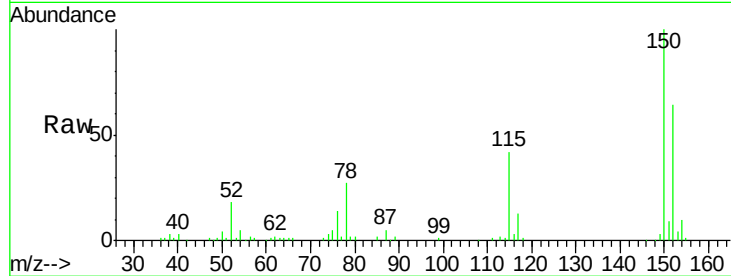


#1

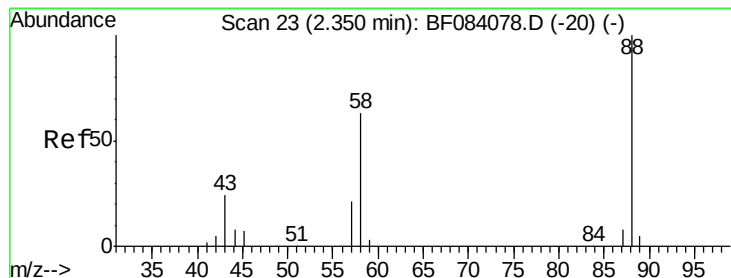
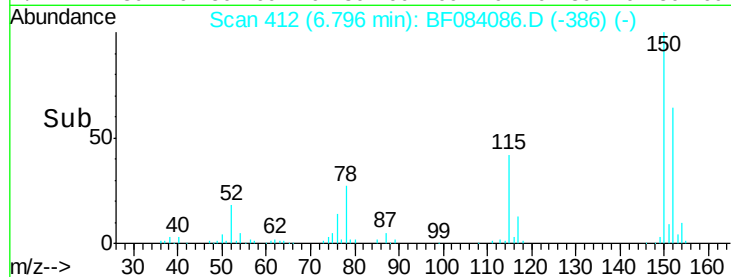
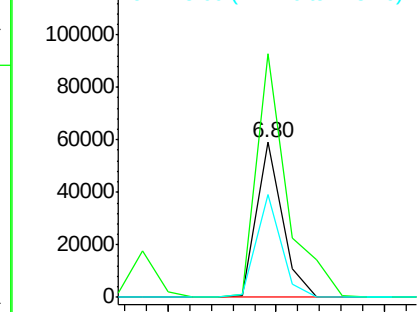
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Tgt Ion:152 Resp: 48469
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.4
115 66.1 51.4 77.2



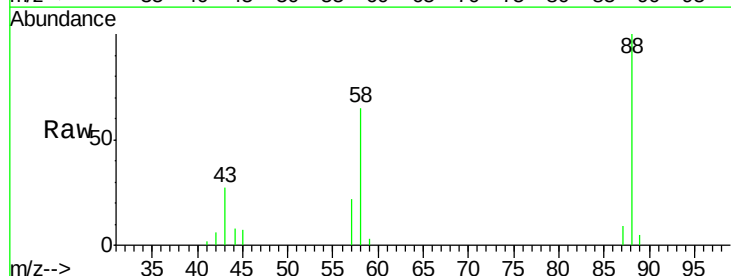
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



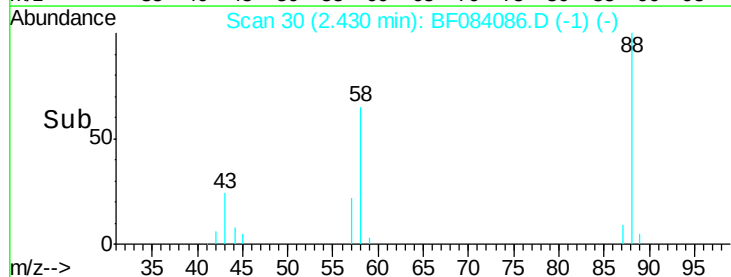
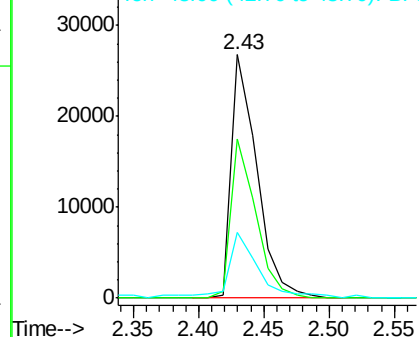
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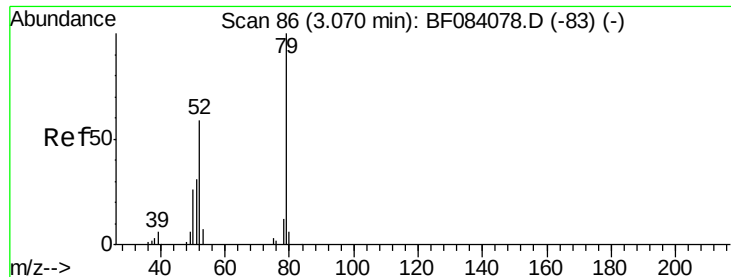
1,4-Dioxane
Concen: 31.35 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.08 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion: 88 Resp: 36732
Ion Ratio Lower Upper
88 100
58 63.4 51.2 76.8
43 32.9 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

Pyridine

Concen: 39.71 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.07 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

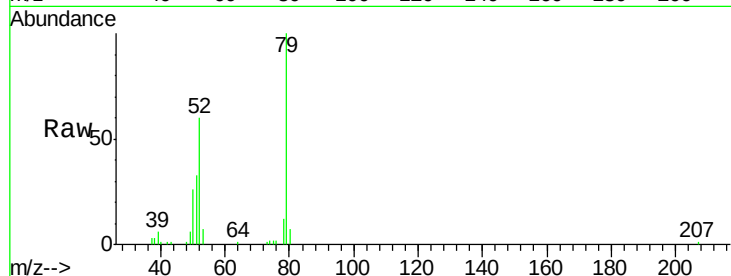
Tgt Ion: 79 Resp: 113639

Ion Ratio Lower Upper

79 100

52 60.0 49.0 73.4

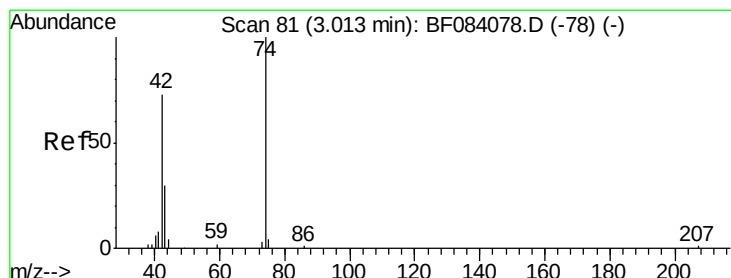
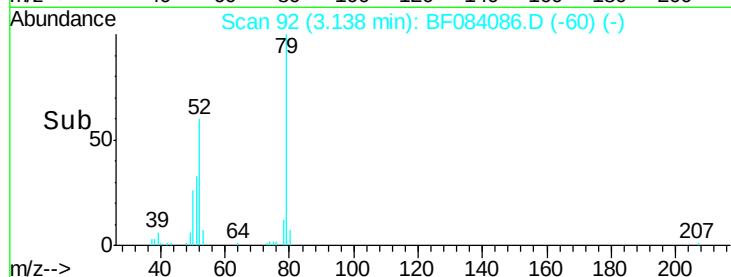
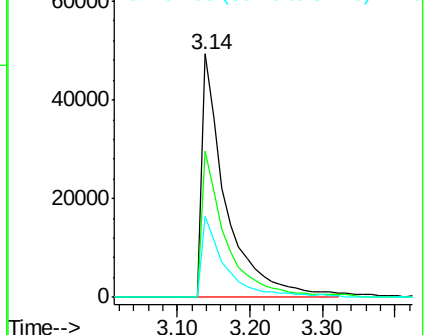
51 33.2 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.15 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.08 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

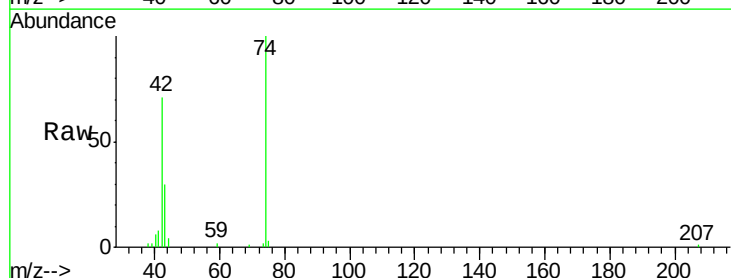
Tgt Ion: 42 Resp: 48106

Ion Ratio Lower Upper

42 100

74 141.2 115.7 173.5

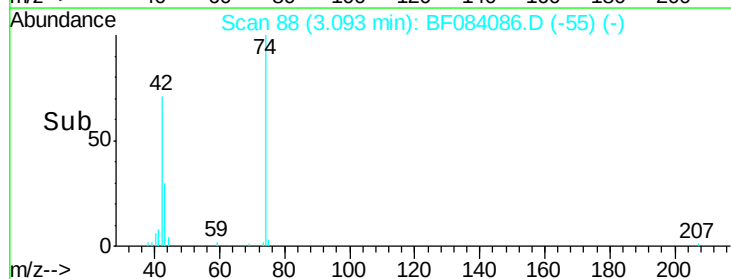
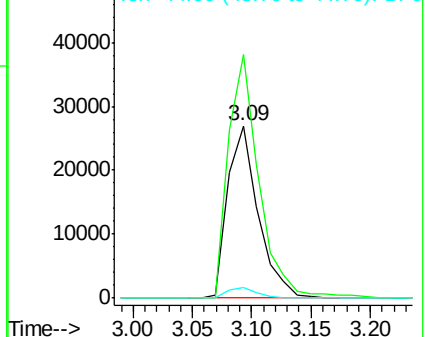
44 6.1 5.1 7.7

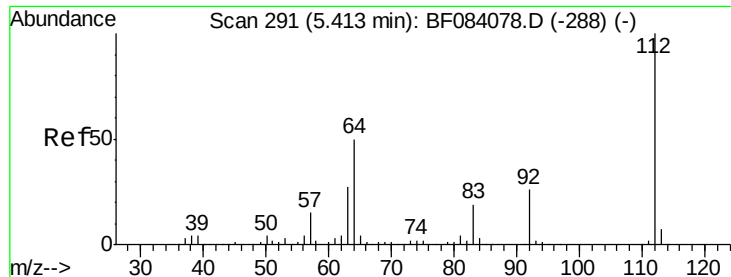


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.75 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

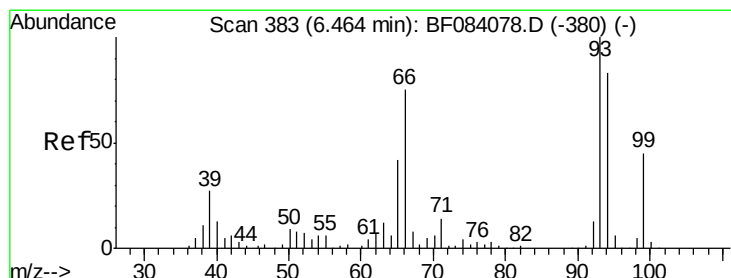
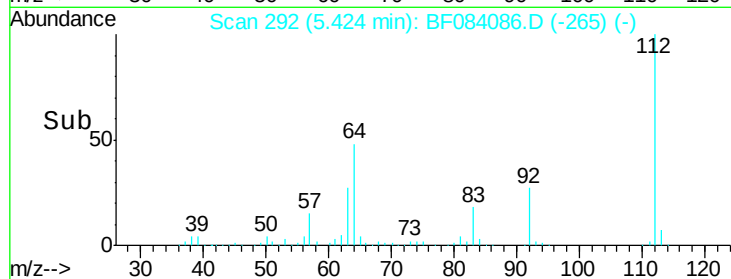
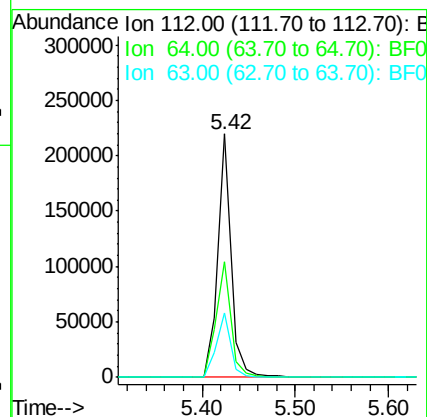
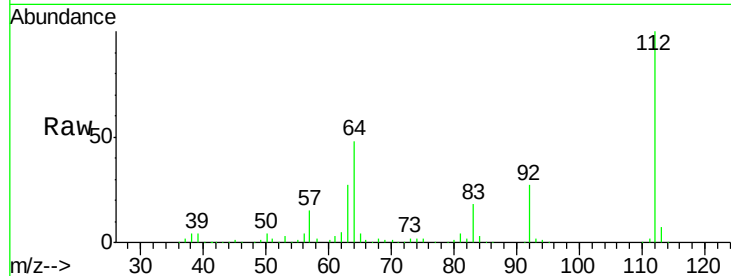
Instrument :

BNA_F

ClientSampleId :

PB87523BS

Tgt Ion:	112	Resp:	219412
Ion	Ratio	Lower	Upper
112	100		
64	47.6	36.6	55.0
63	26.6	19.4	29.0



#6

Aniline

Concen: 19.47 ng

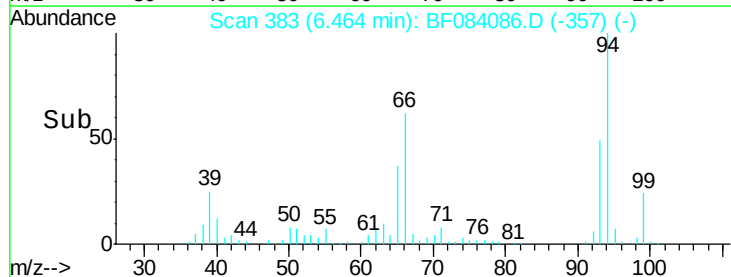
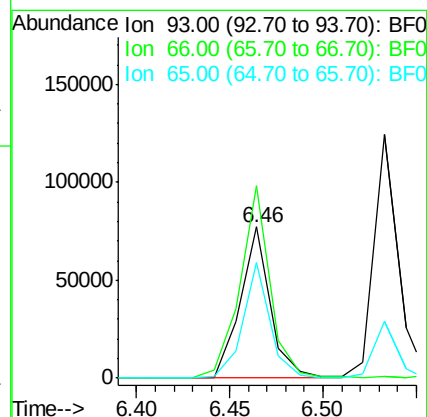
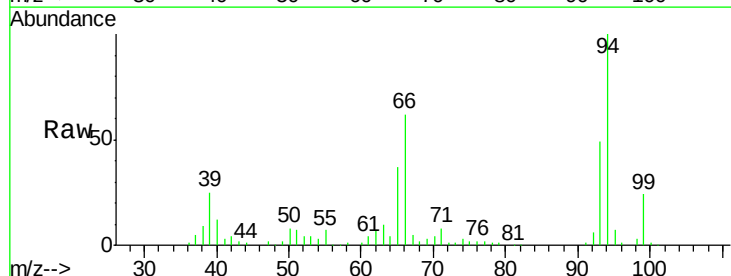
RT: 6.46 min Scan# 383

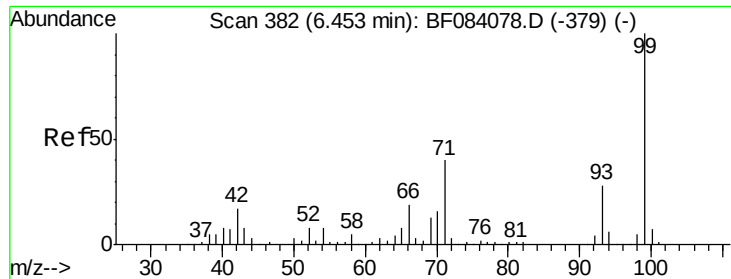
Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Tgt Ion:	93	Resp:	87082
Ion	Ratio	Lower	Upper
93	100		
66	127.0	44.9	67.3#
65	76.2	23.7	35.5#





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

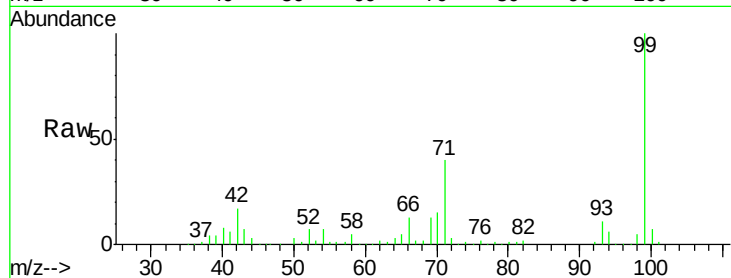
Tgt Ion: 99 Resp: 264310

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

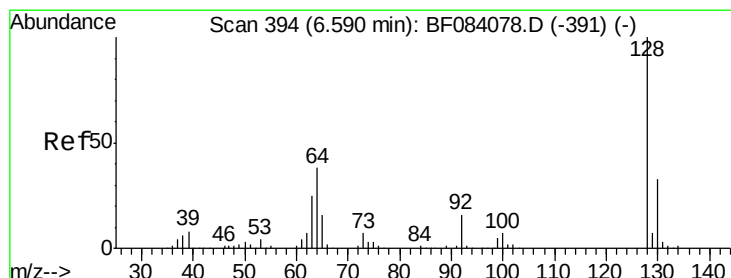
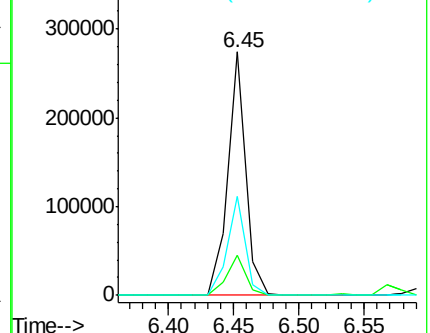
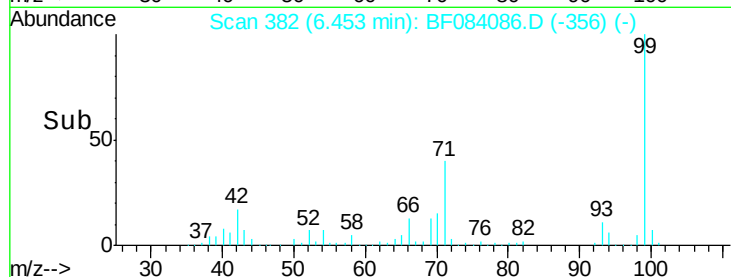
71 40.4 30.9 46.3



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: 39.64 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

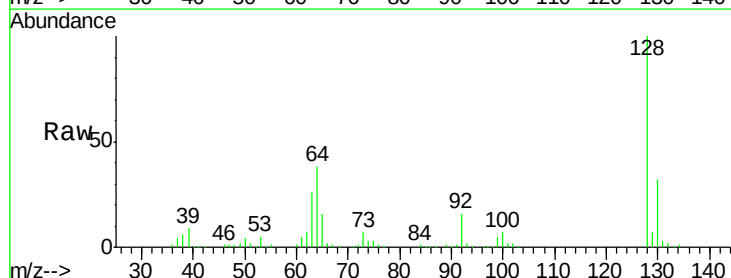
Tgt Ion: 128 Resp: 140713

Ion Ratio Lower Upper

128 100

130 31.9 11.6 51.6

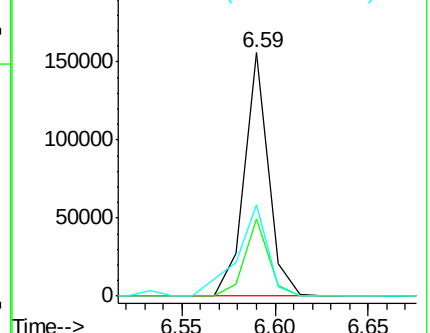
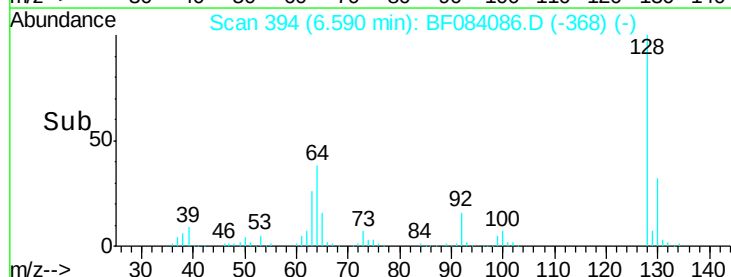
64 37.7 23.8 63.8

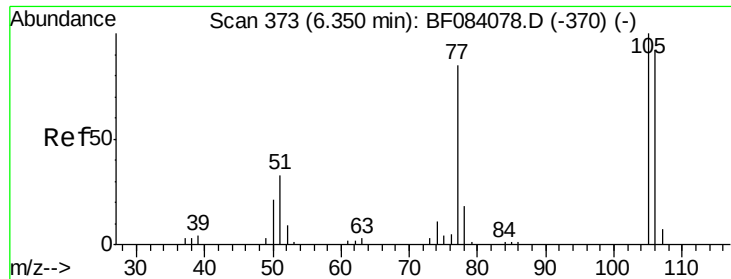


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

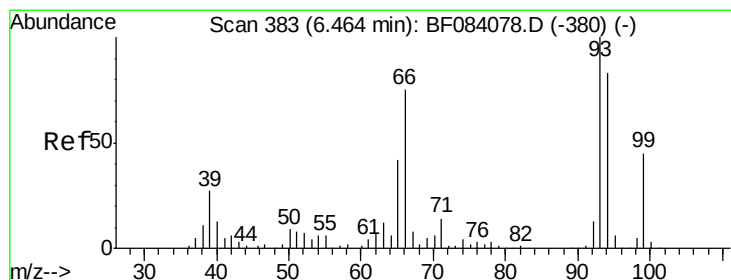
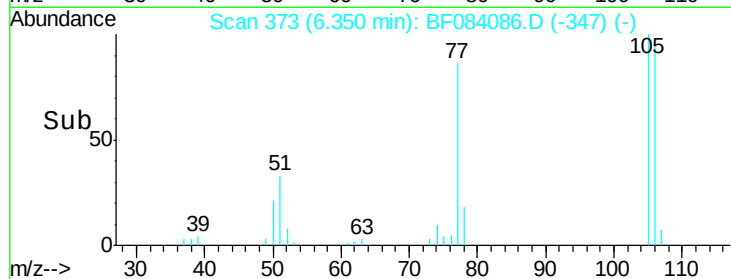
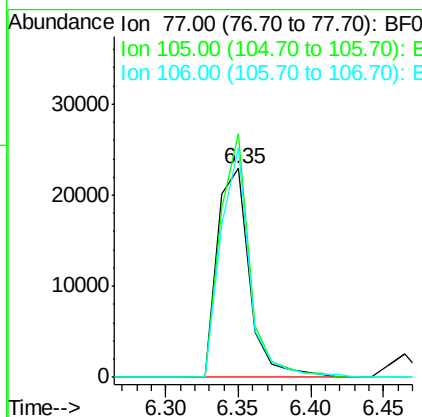
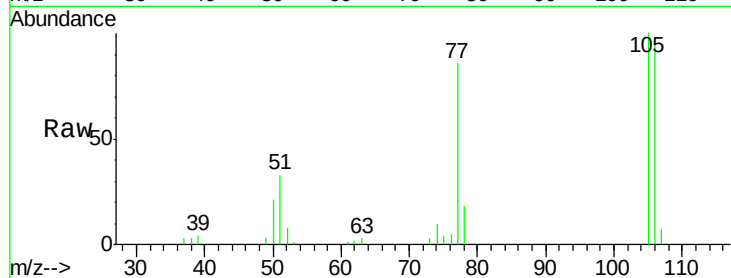




#9
Benzaldehyde
Concen: 18.53 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

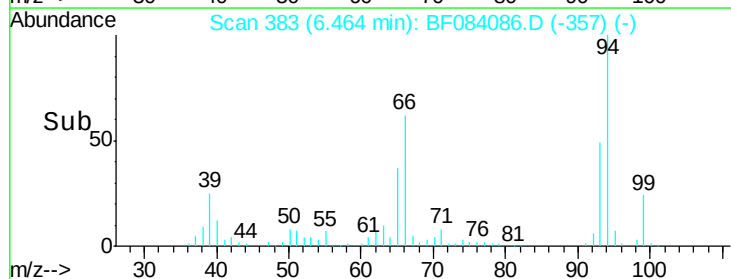
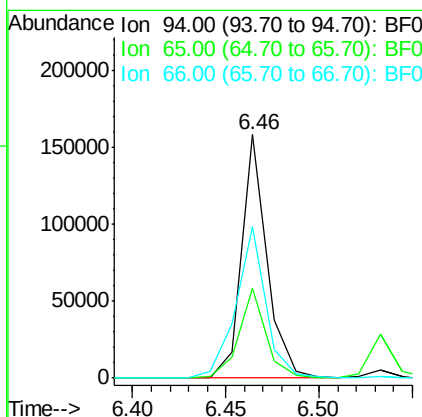
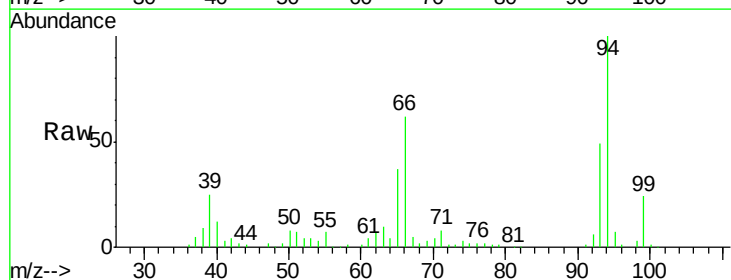
Instrument :
BNA_F
ClientSampleId :
PB87523BS

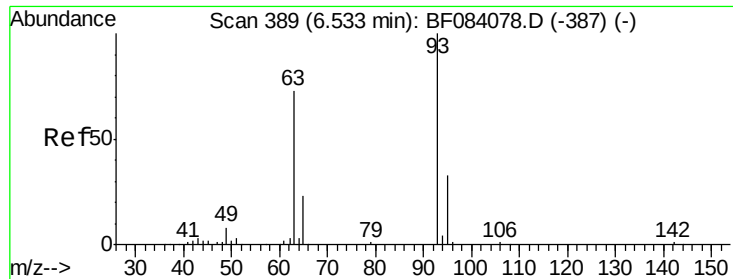
Tgt Ion: 77 Resp: 35057
Ion Ratio Lower Upper
77 100
105 116.8 83.0 123.0
106 110.4 74.6 114.6



#10
Phenol
Concen: 37.09 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion: 94 Resp: 150062
Ion Ratio Lower Upper
94 100
65 37.2 12.9 52.9
66 62.0 32.7 72.7

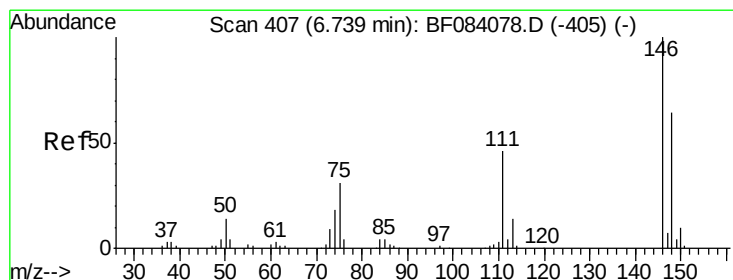
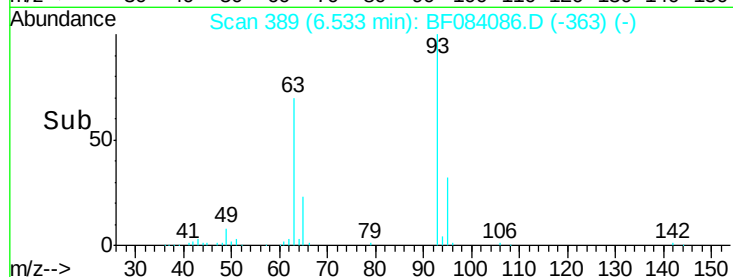
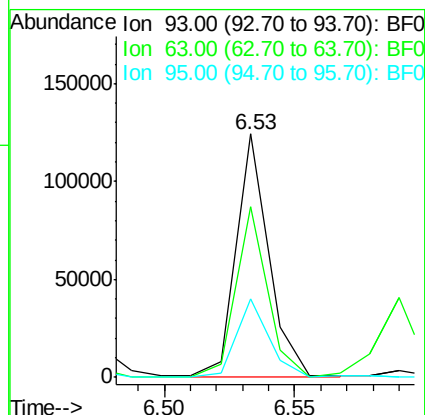
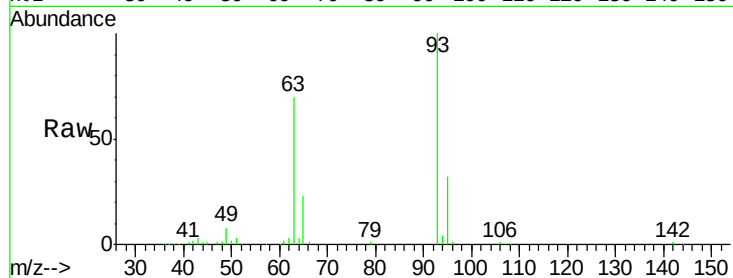




#11
bis(2-Chloroethyl)ether
Concen: 37.45 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

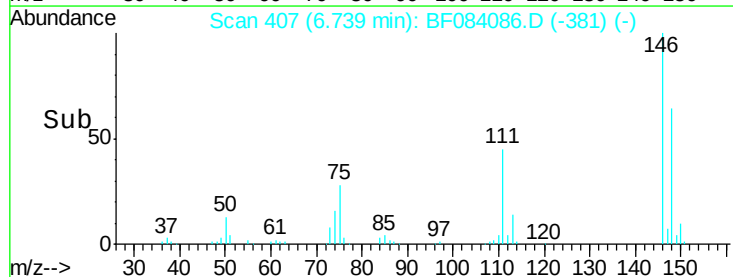
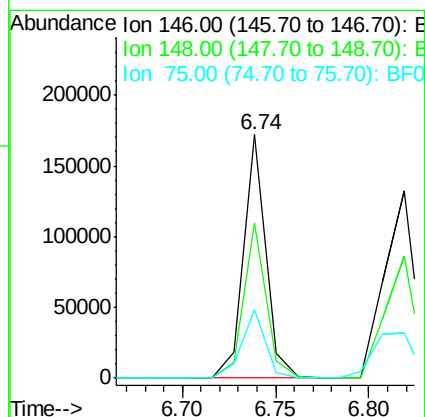
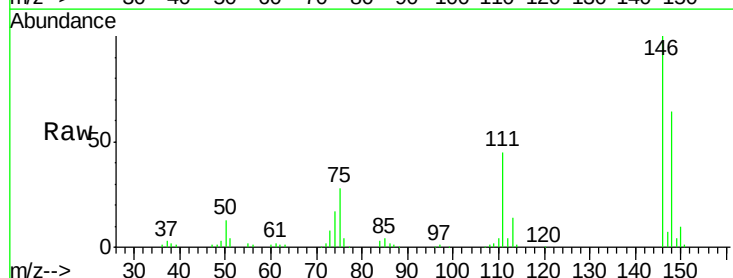
Instrument :
BNA_F
ClientSampleId :
PB87523BS

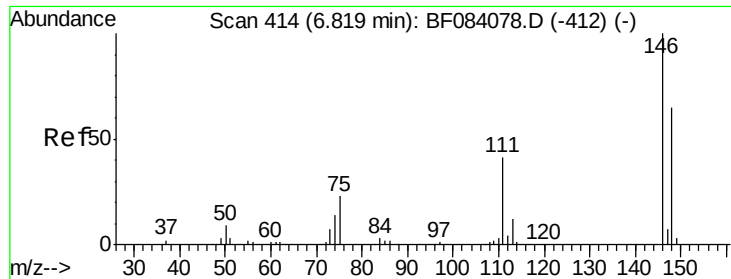
Tgt Ion: 93 Resp: 109273
Ion Ratio Lower Upper
93 100
63 70.0 45.9 85.9
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.23 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion: 146 Resp: 144282
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 28.2 20.5 30.7

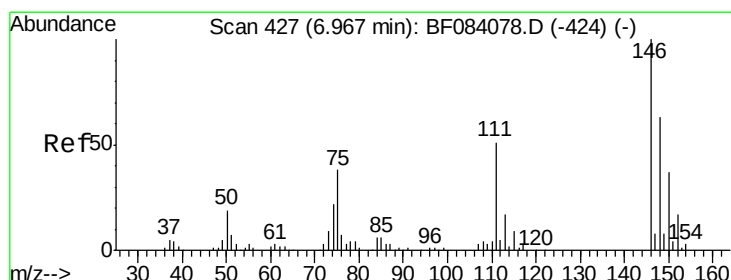
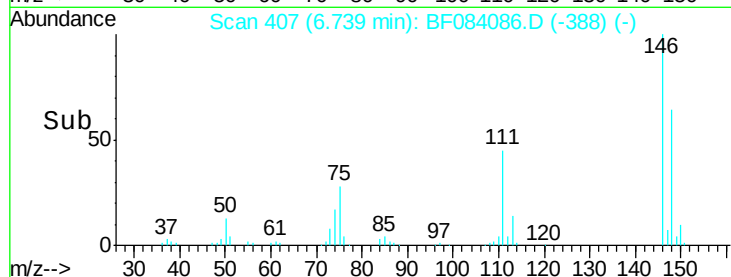
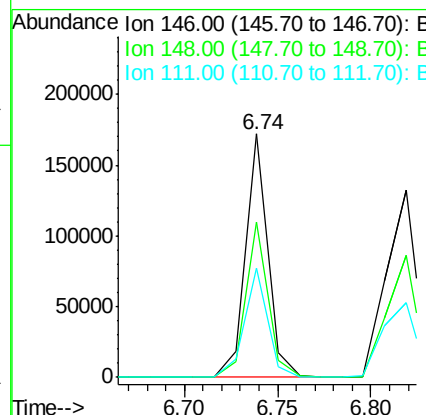
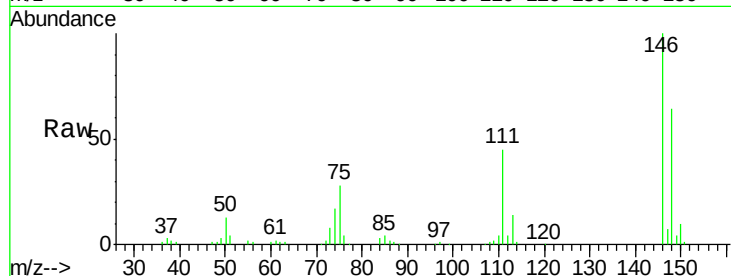




#13
 1,4-Dichlorobenzene
 Concen: 36.99 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

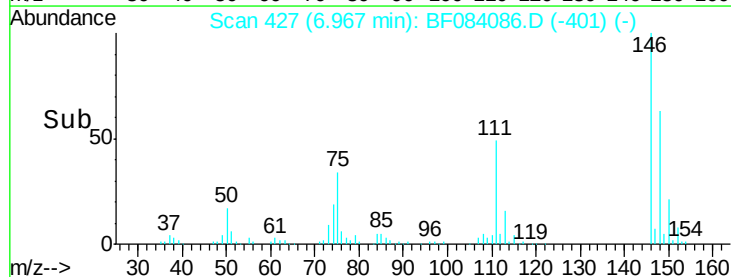
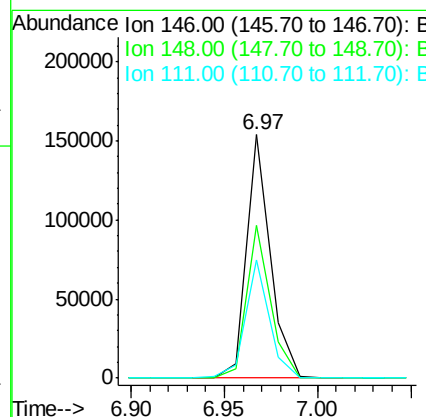
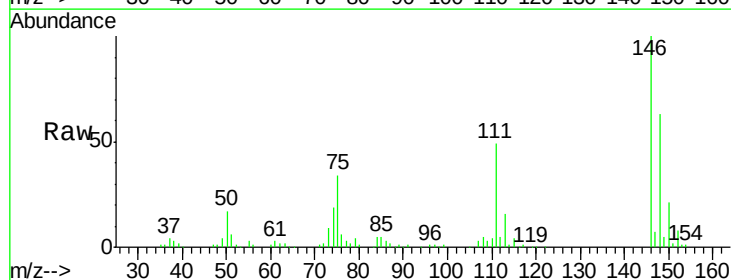
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

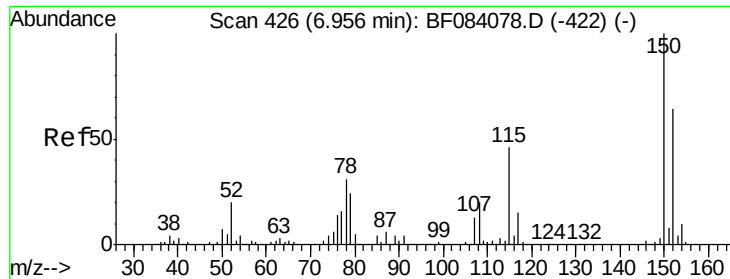
Tgt Ion:146 Resp: 144282
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 44.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.04 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:146 Resp: 136729
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.6 77.4
 111 48.7 38.0 57.0

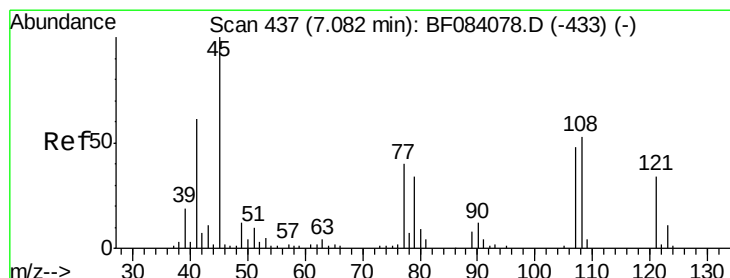
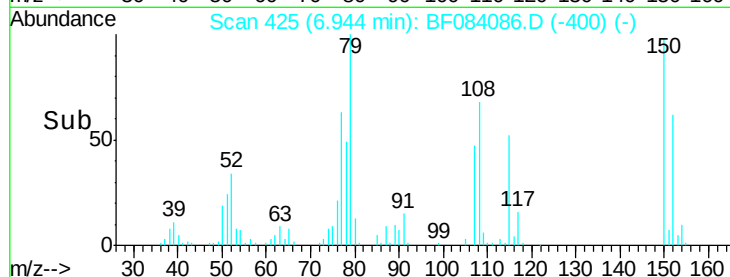
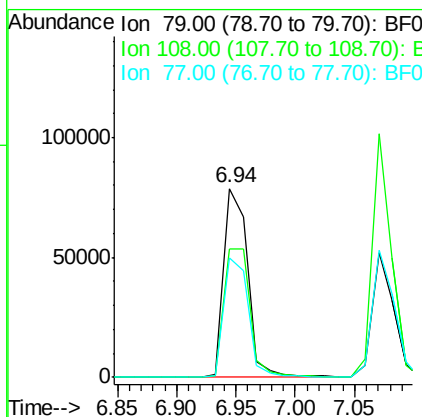
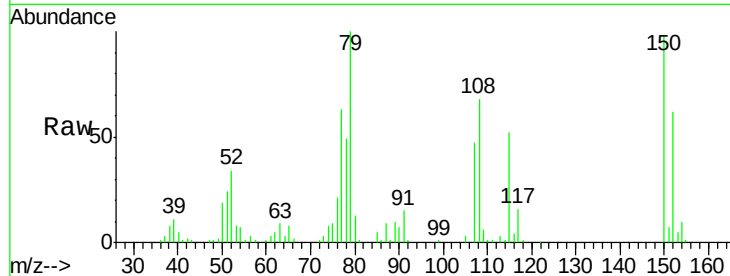




#15
Benzyl Alcohol
Concen: 41.04 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

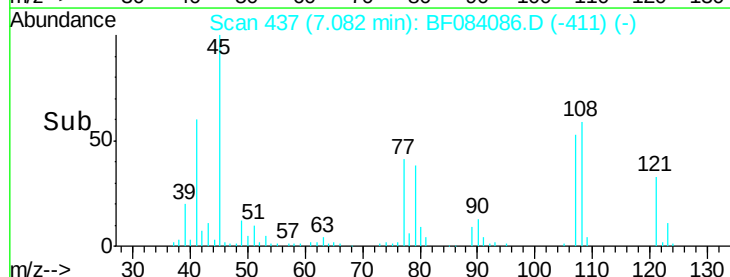
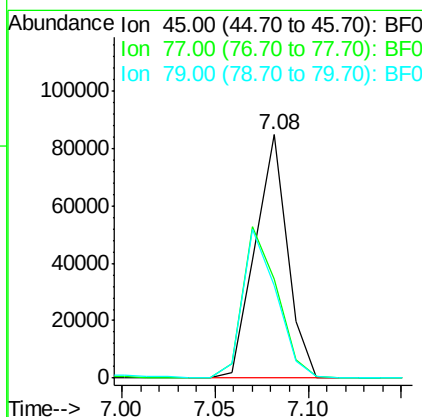
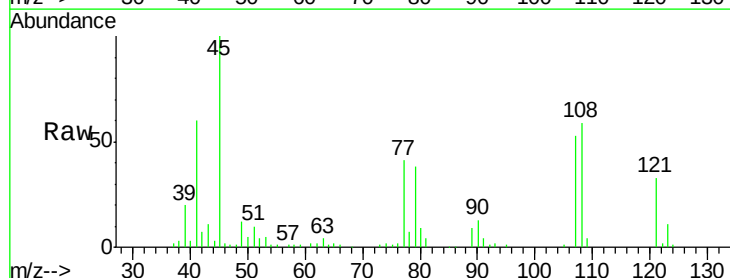
Instrument :
BNA_F
ClientSampleId :
PB87523BS

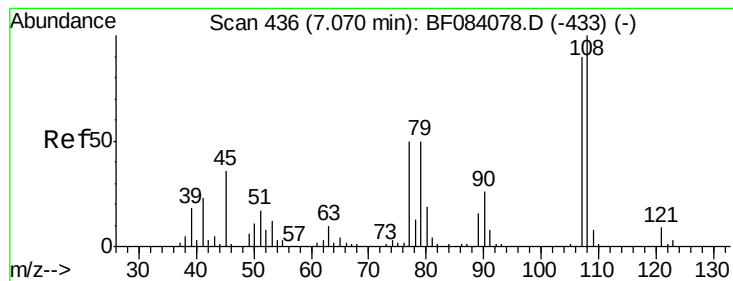
Tgt Ion: 79 Resp: 109948
Ion Ratio Lower Upper
79 100
108 67.9 69.0 103.4#
77 63.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.52 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion: 45 Resp: 101243
Ion Ratio Lower Upper
45 100
77 40.8 0.0 39.6#
79 38.1 0.0 35.0#





#17

2-Methylphenol

Concen: 37.77 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

Tgt Ion:107 Resp: 102970

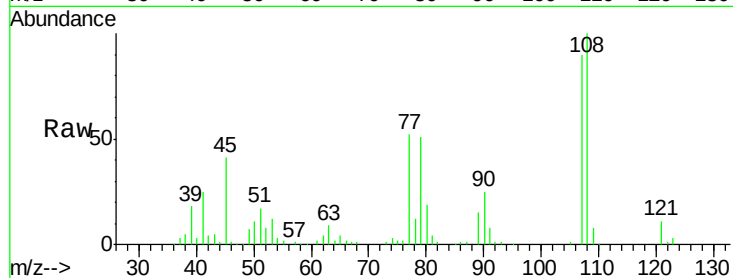
Ion Ratio Lower Upper

107 100

108 110.8 89.8 134.6

77 57.6 35.7 53.5#

79 56.4 35.7 53.5#



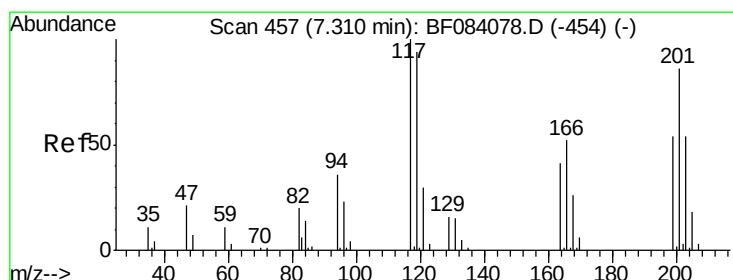
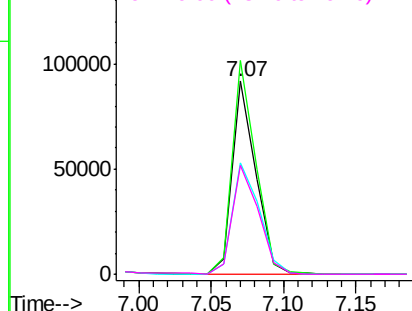
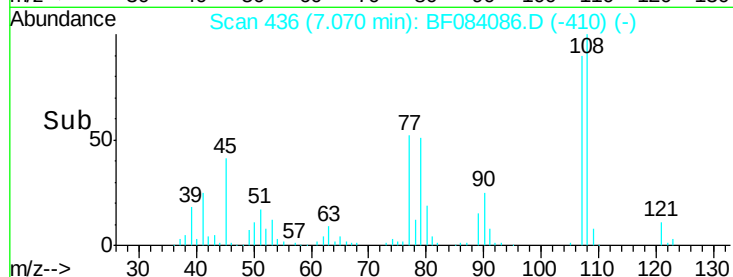
Abundance

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: 37.67 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

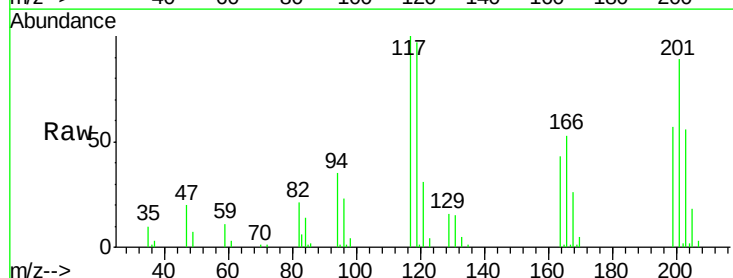
Tgt Ion:117 Resp: 53621

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

201 88.9 68.6 103.0

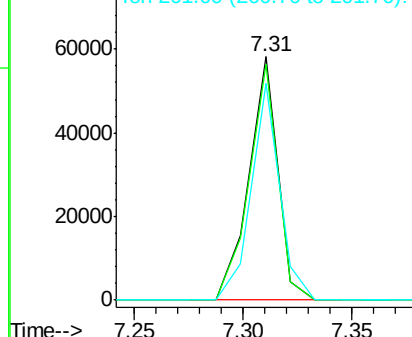
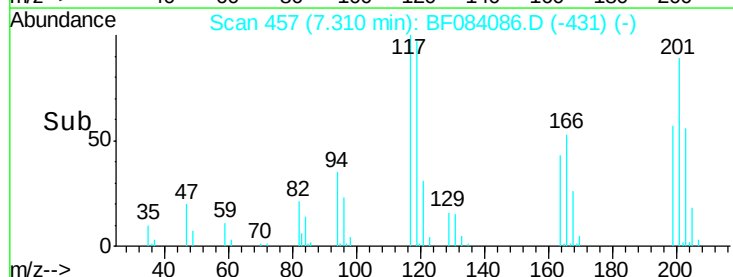


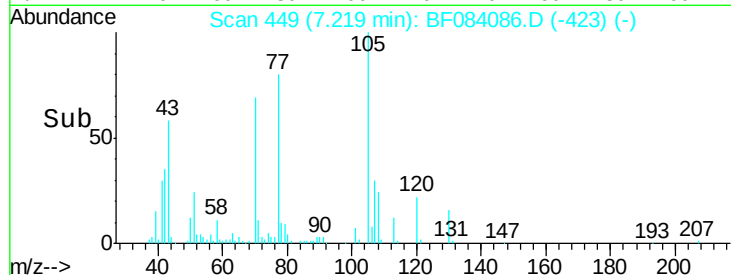
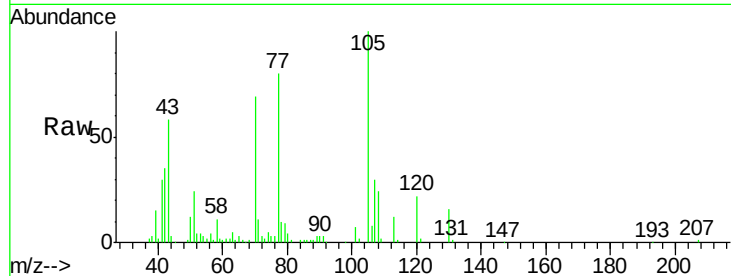
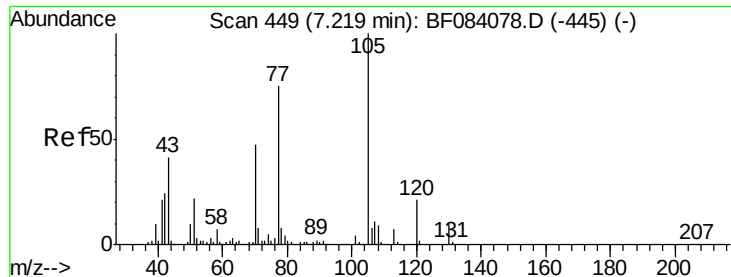
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

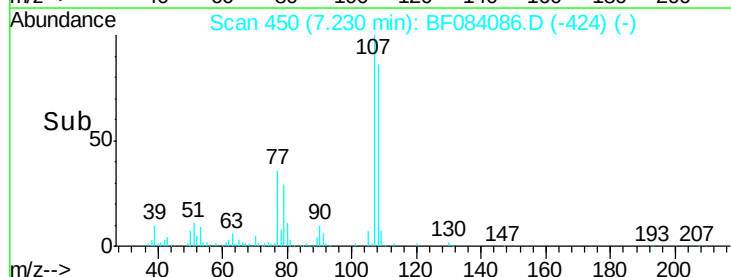
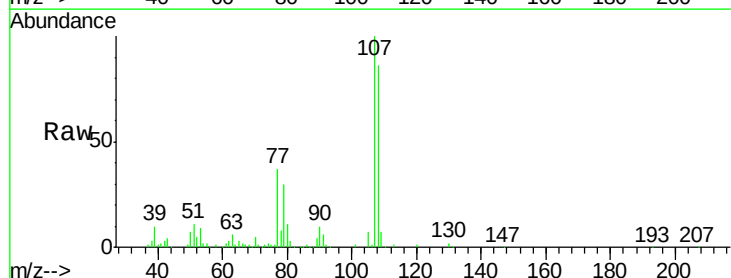
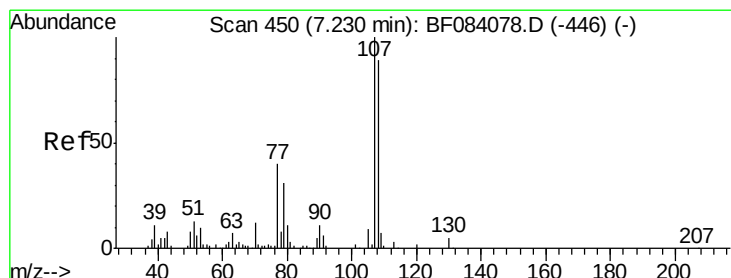
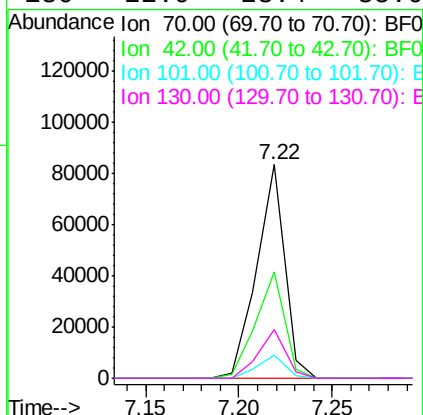




#19
n-Nitroso-di-n-propylamine
Concen: 39.71 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

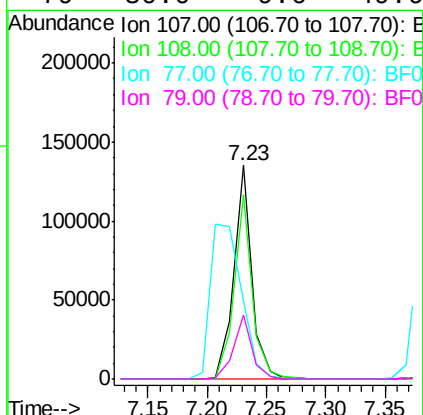
Instrument :
BNA_F
ClientSampleId :
PB87523BS

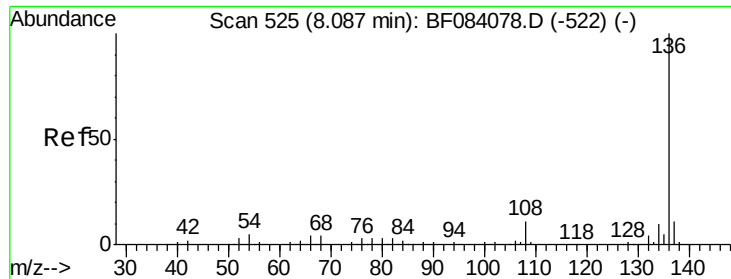
Tgt Ion:	70	Resp:	86519
Ion	Ratio	Lower	Upper
70	100		
42	49.9	33.3	49.9#
101	10.5	9.3	13.9
130	22.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 40.90 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion:	107	Resp:	142237
Ion	Ratio	Lower	Upper
107	100		
108	86.2	64.1	104.1
77	36.8	128.9	168.9#
79	30.0	9.6	49.6

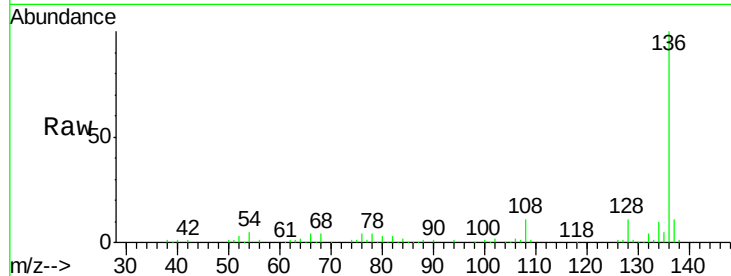




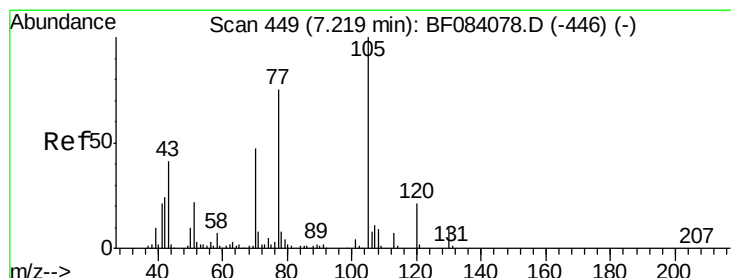
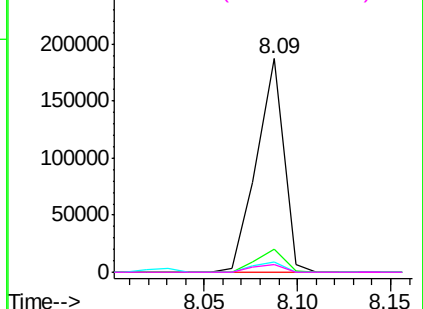
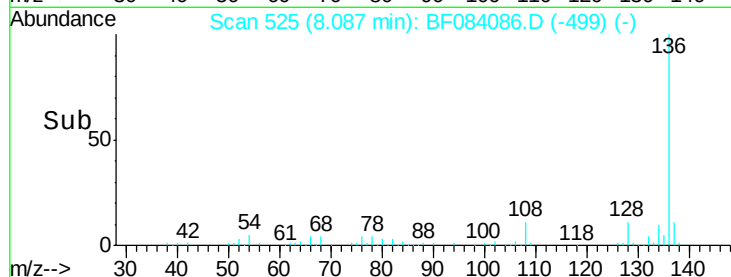
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Tgt Ion:	136	Resp:	189079
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	4.8	5.8	8.8#
68	3.6	4.2	6.2#

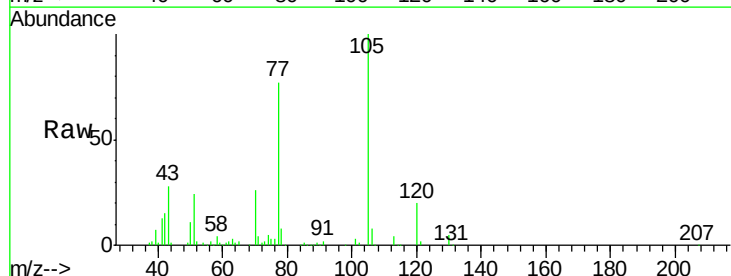


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

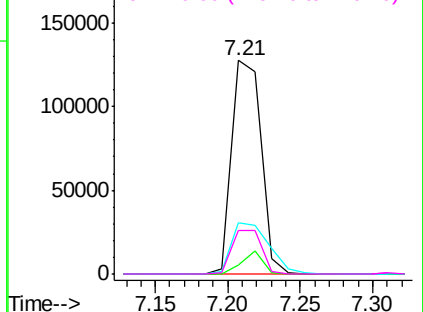
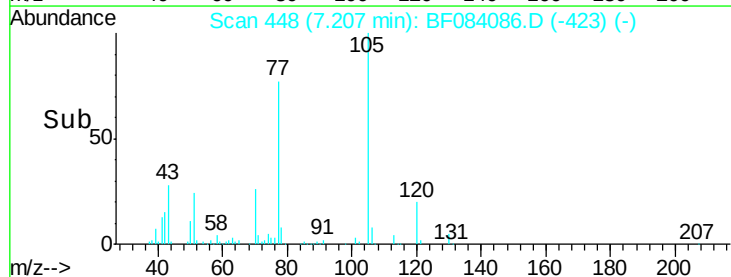


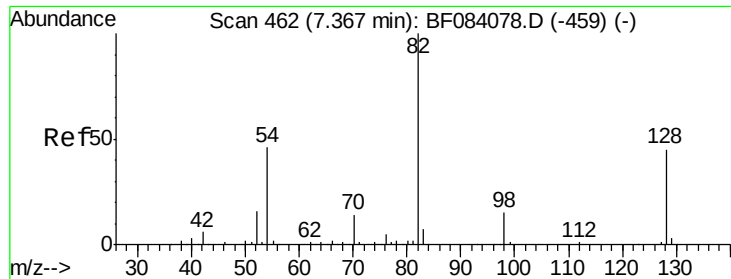
#22
Acetophenone
Concen: 38.03 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion:	105	Resp:	179661
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.7	5.5
51	23.9	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

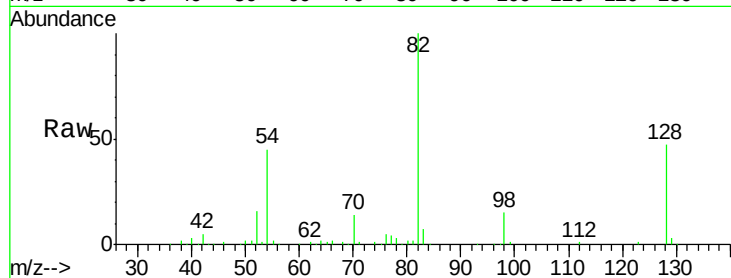




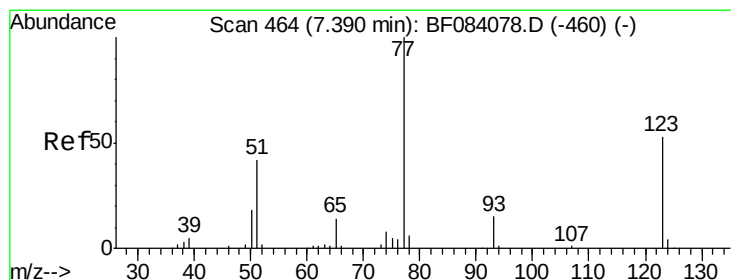
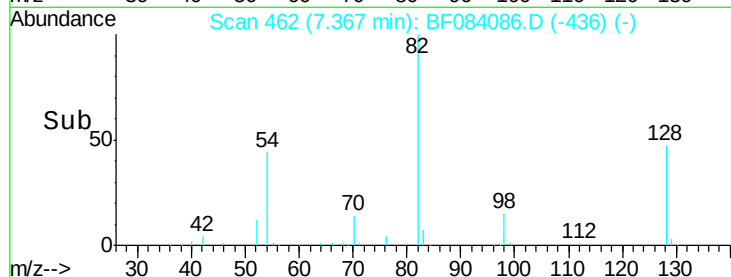
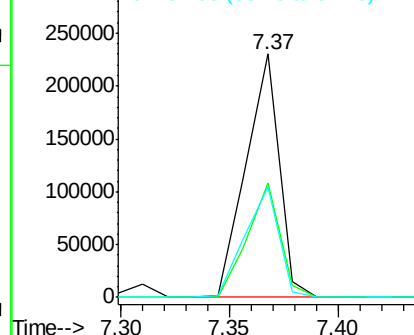
#23
 Nitrobenzene-d5
 Concen: 75.90 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion: 82 Resp: 245183
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 51.8
 54 45.3 38.4 57.6

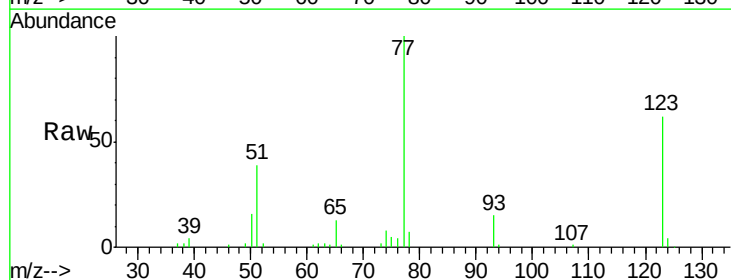


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

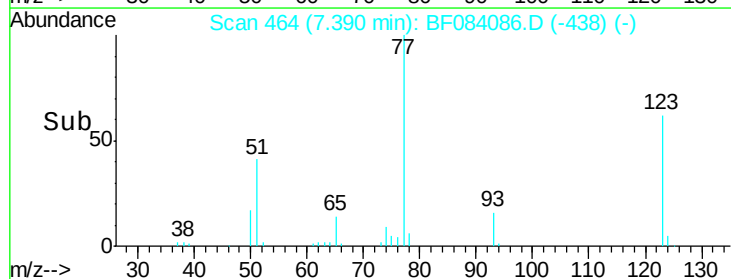
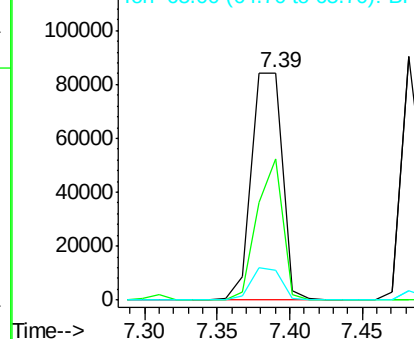


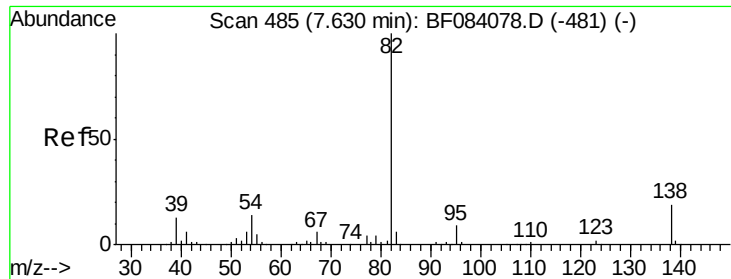
#24
 Nitrobenzene
 Concen: 36.31 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion: 77 Resp: 124553
 Ion Ratio Lower Upper
 77 100
 123 62.0 37.4 56.2#
 65 13.0 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: 39.08 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

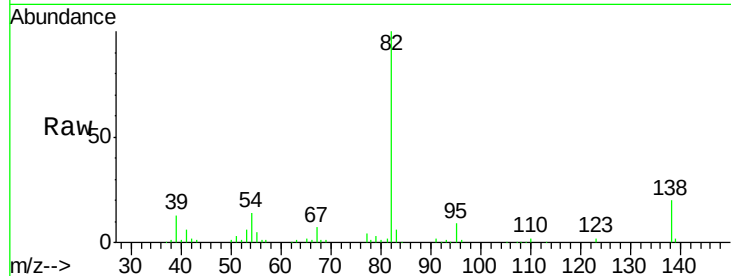
Tgt Ion: 82 Resp: 233479

Ion Ratio Lower Upper

82 100

95 8.6 6.6 10.0

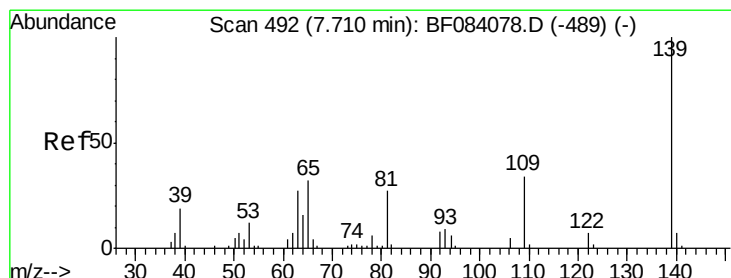
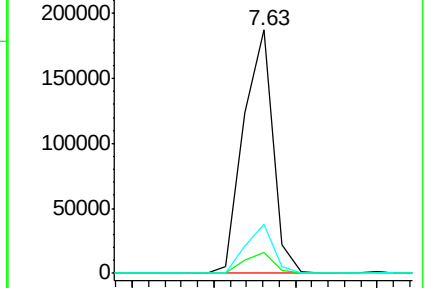
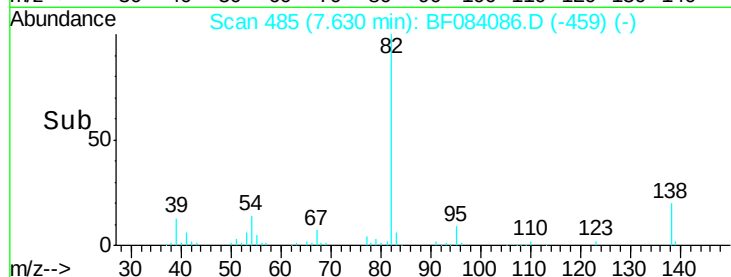
138 20.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.52 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

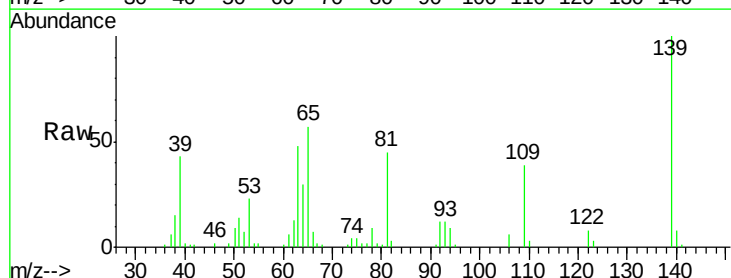
Tgt Ion: 139 Resp: 69362

Ion Ratio Lower Upper

139 100

109 39.0 25.4 38.2#

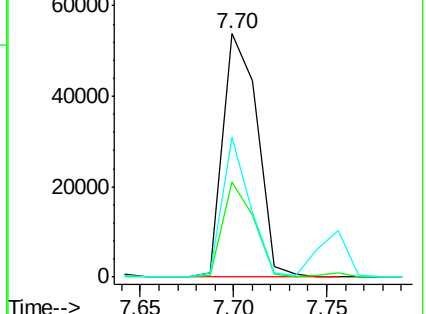
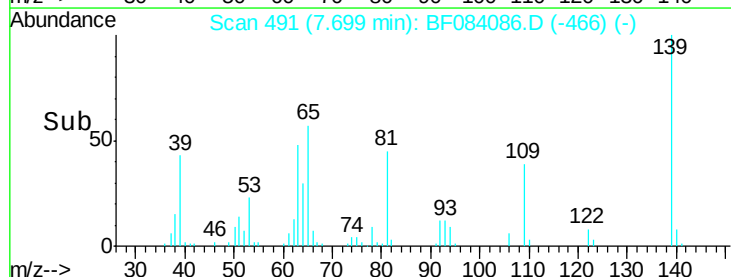
65 57.5 32.3 48.5#

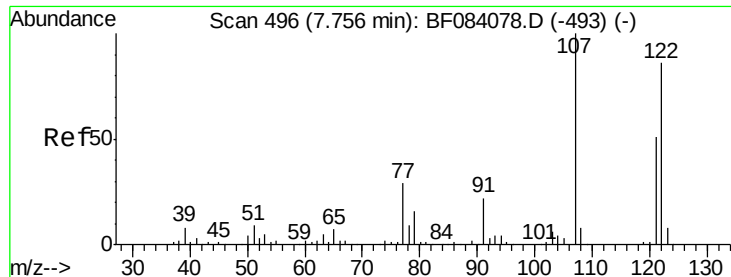


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

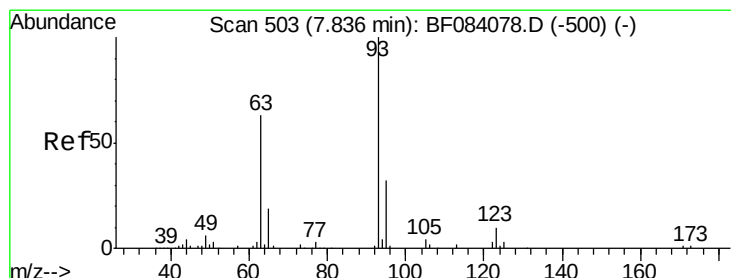
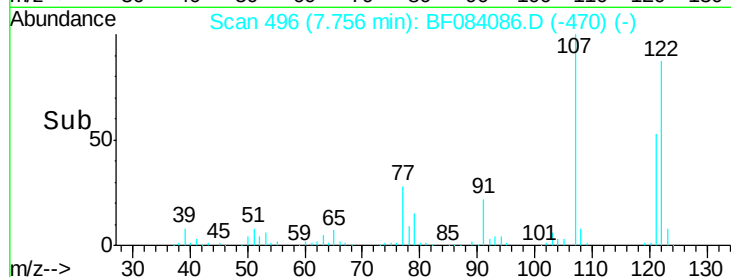
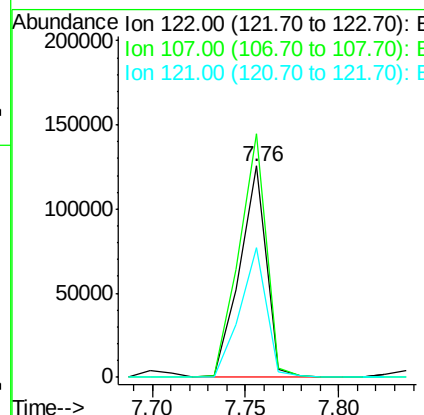
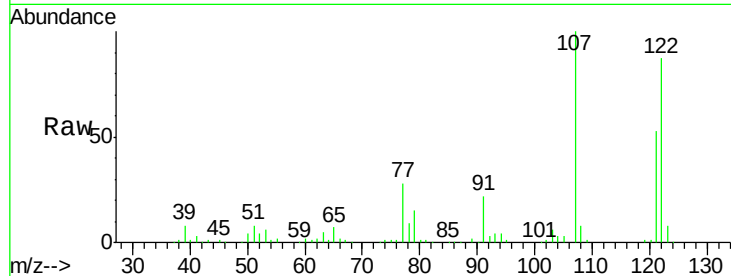




#27
 2,4-Dimethylphenol
 Concen: 43.39 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

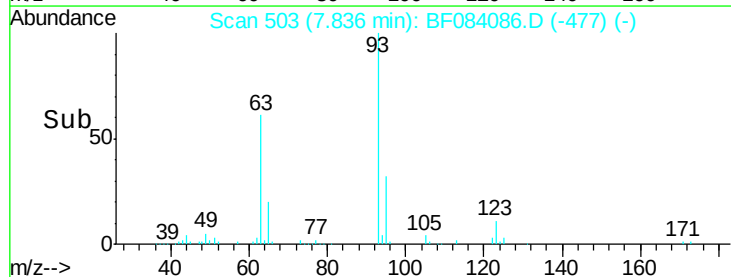
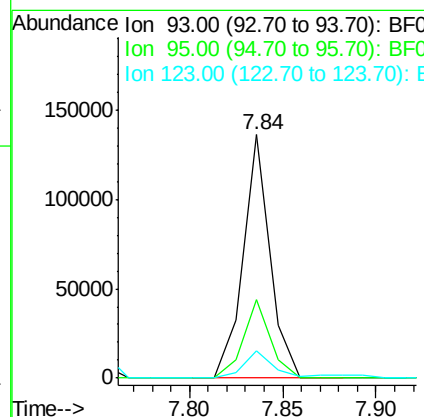
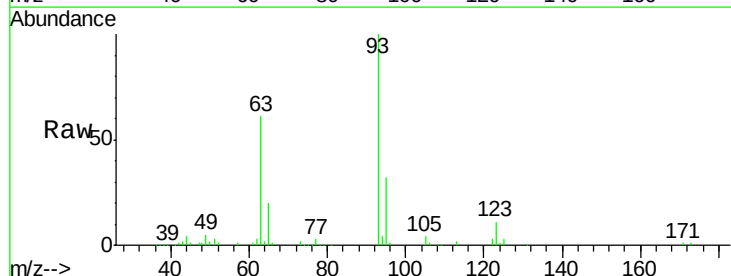
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

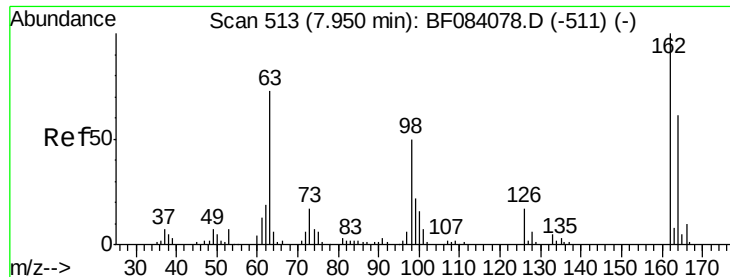
Tgt Ion: 122 Resp: 126394
 Ion Ratio Lower Upper
 122 100
 107 115.2 99.1 148.7
 121 61.2 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.24 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion: 93 Resp: 136678
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.8 38.6
 123 11.3 8.6 12.8

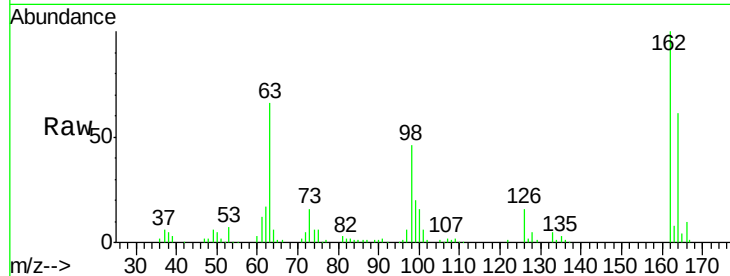




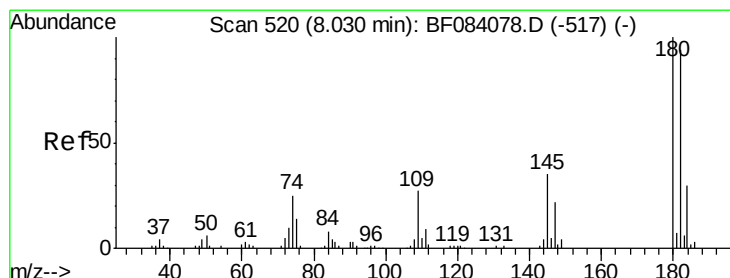
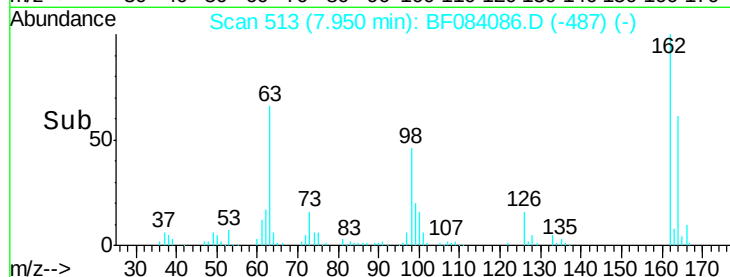
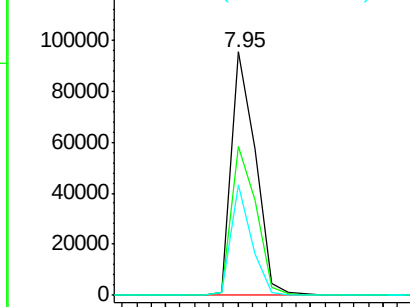
#29
 2,4-Dichlorophenol
 Concen: 40.53 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion:162 Resp: 109671
 Ion Ratio Lower Upper
 162 100
 164 61.3 44.1 84.1
 98 45.6 20.2 60.2

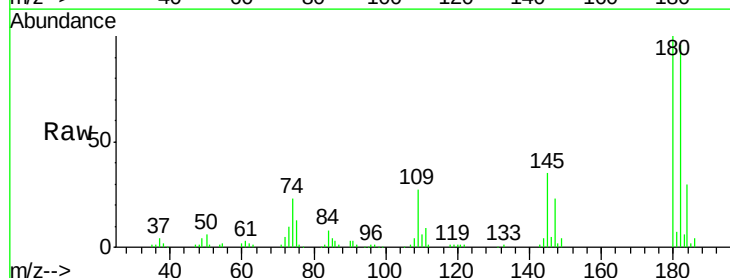


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

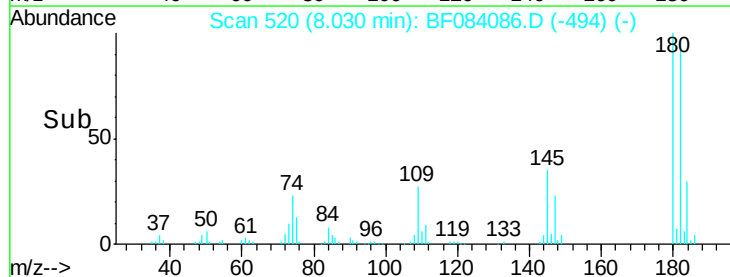
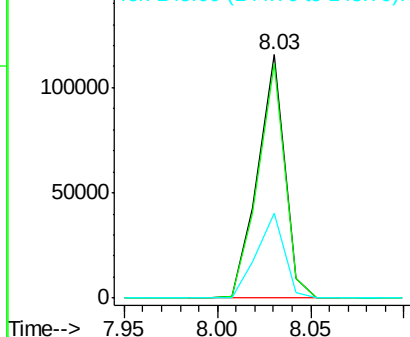


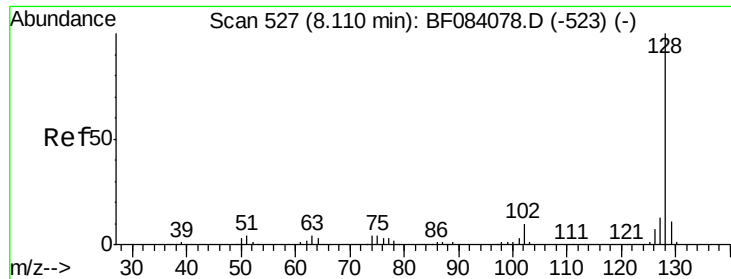
#30
 1,2,4-Trichlorobenzene
 Concen: 39.02 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:180 Resp: 115713
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 34.6 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

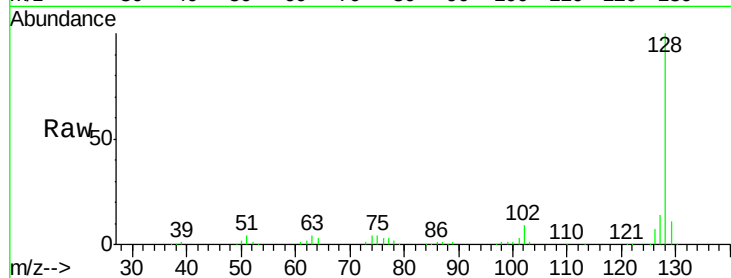




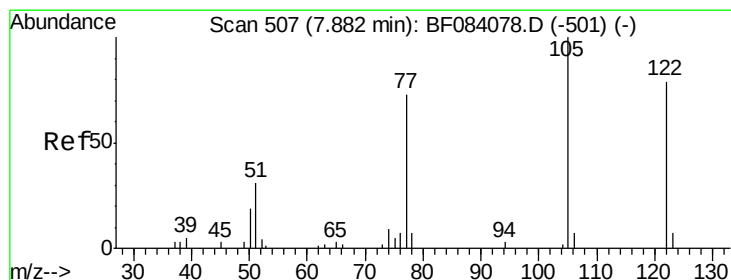
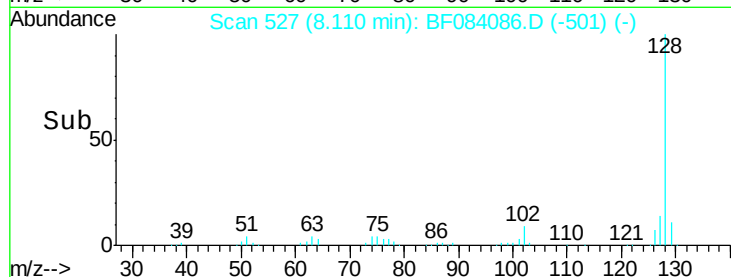
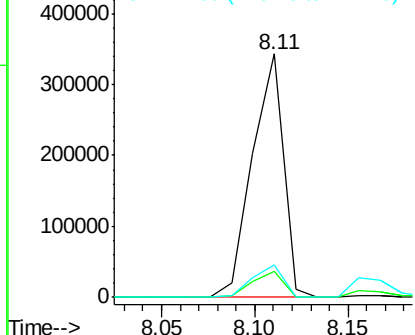
#31
Naphthalene
Concen: 39.40 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Tgt Ion:128 Resp: 396379
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.5 11.1 16.7

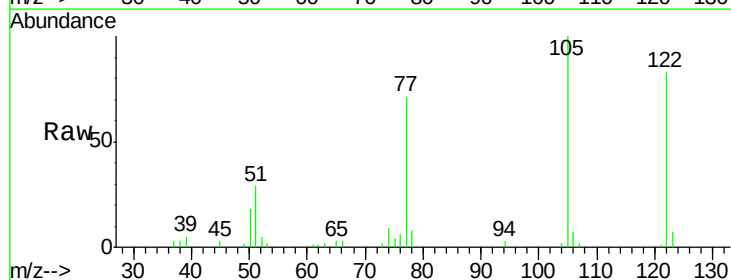


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

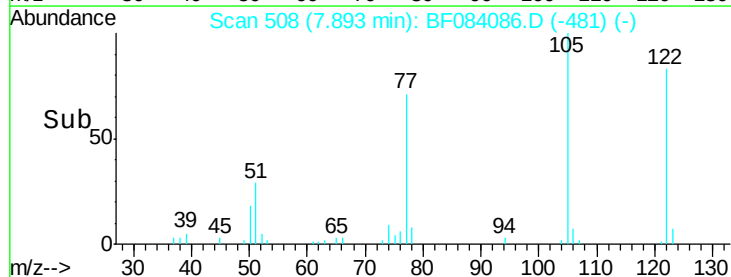
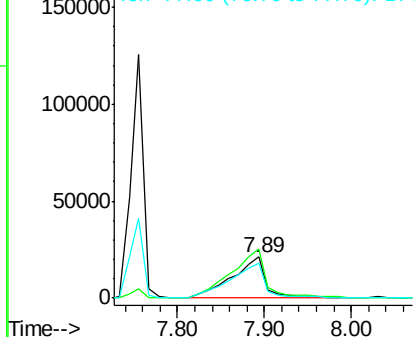


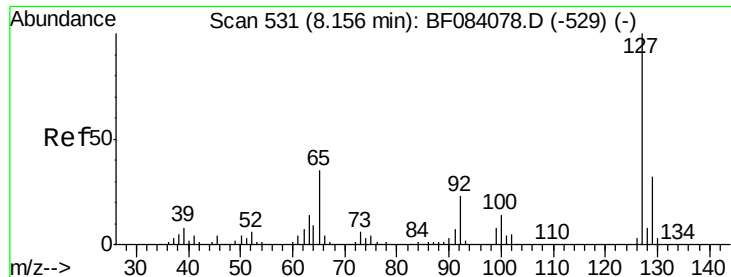
#32
Benzoic acid
Concen: 41.70 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion:122 Resp: 58256
Ion Ratio Lower Upper
122 100
105 120.8 100.3 140.3
77 85.5 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

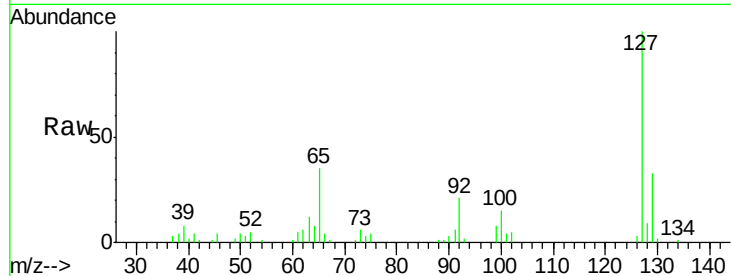




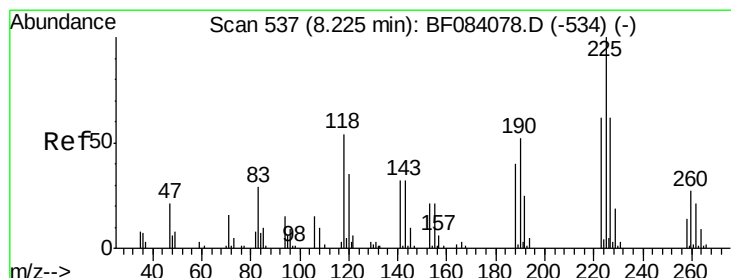
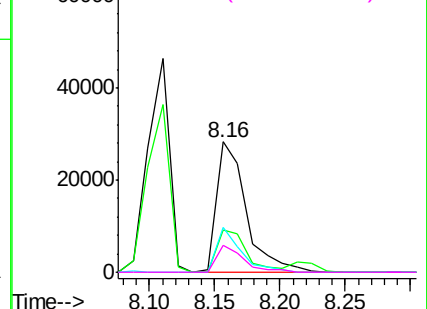
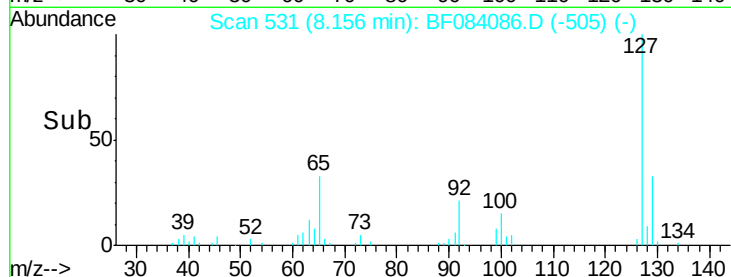
#33
4-Chloroaniline
Concen: 11.25 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Tgt Ion:	127	Resp:	45033
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	34.8	27.2	40.8
92	21.0	17.7	26.5

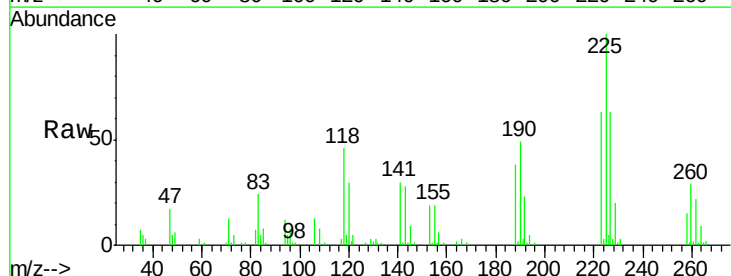


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

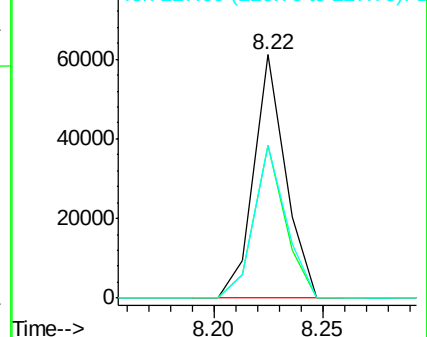
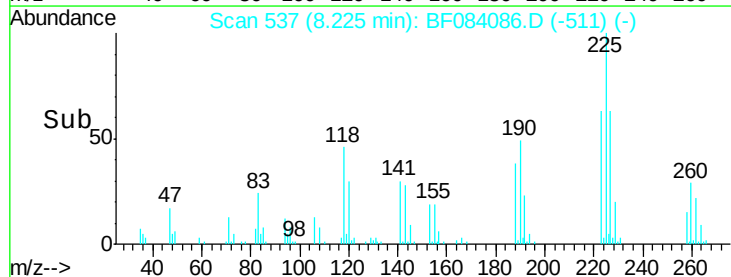


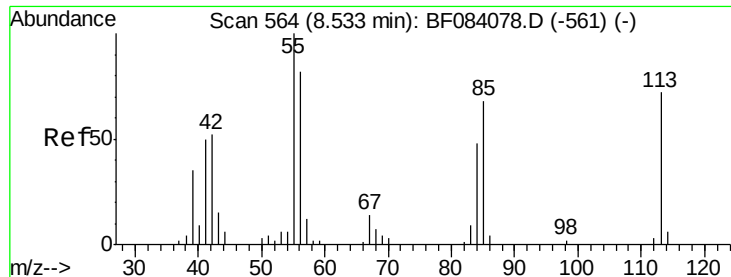
#34
Hexachlorobutadiene
Concen: 37.00 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion:	225	Resp:	62577
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	62.8	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

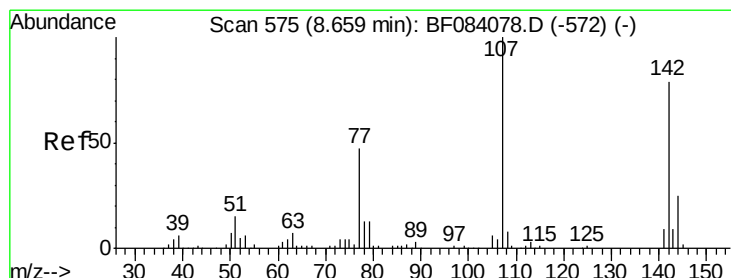
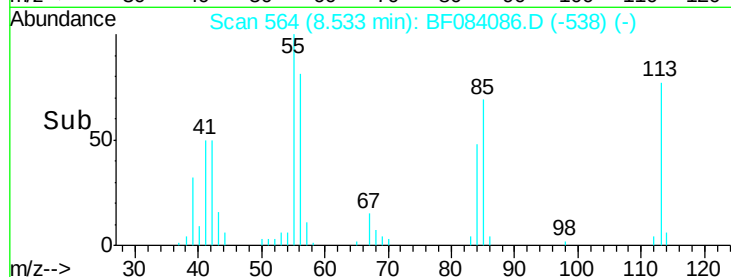
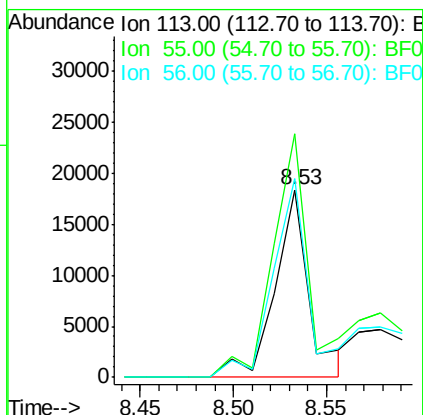
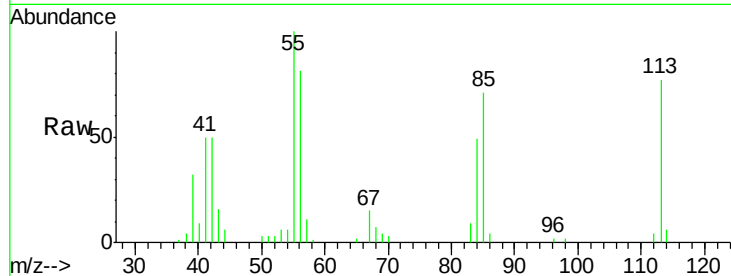




#35
 Caprolactam
 Concen: 31.00 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

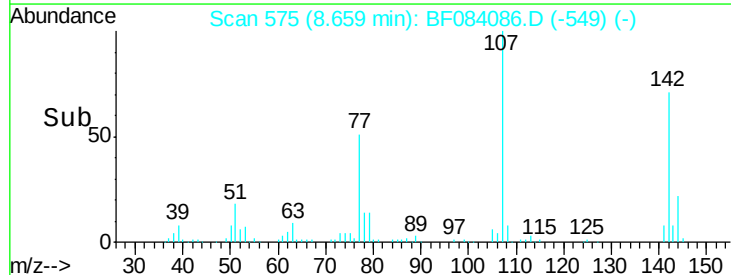
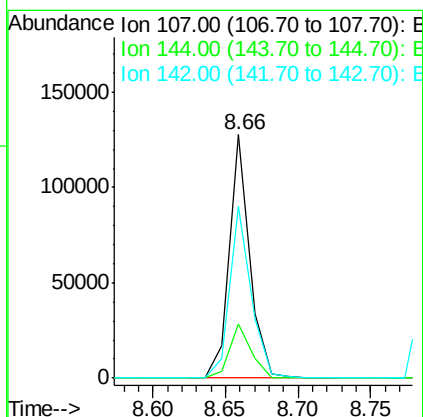
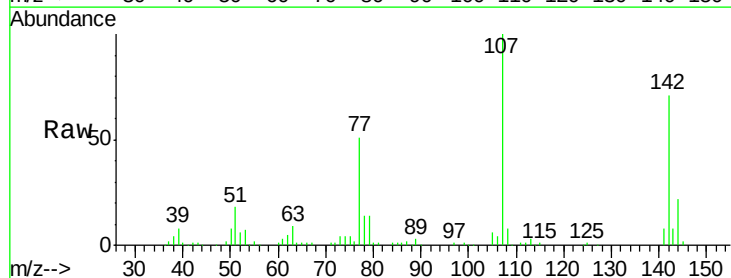
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

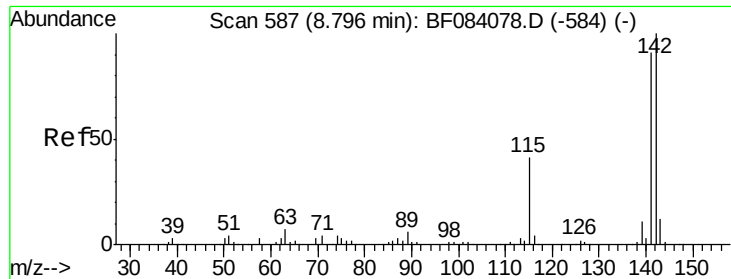
Tgt Ion:113 Resp: 23264
 Ion Ratio Lower Upper
 113 100
 55 129.8 116.9 156.9
 56 105.8 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.01 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:107 Resp: 124782
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.7 29.5
 142 70.9 61.8 92.6

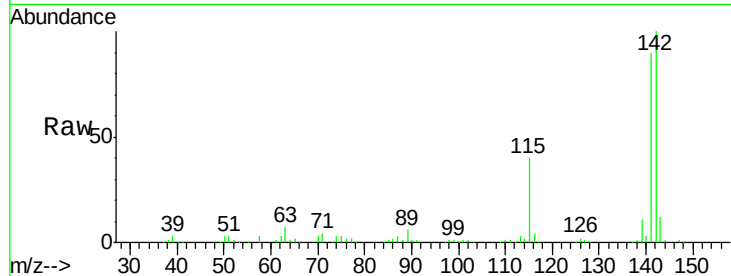




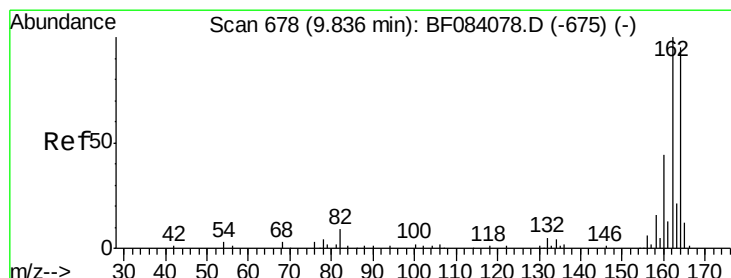
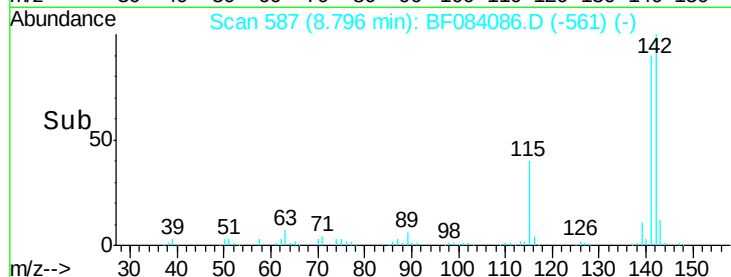
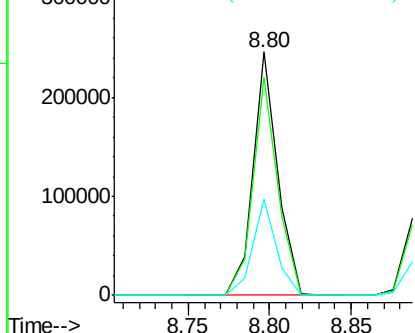
#37
 2-Methylnaphthalene
 Concen: 40.91 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.4	108.6
115	39.8	27.9	41.9

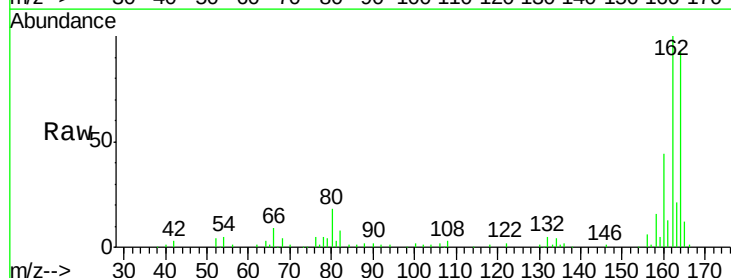


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

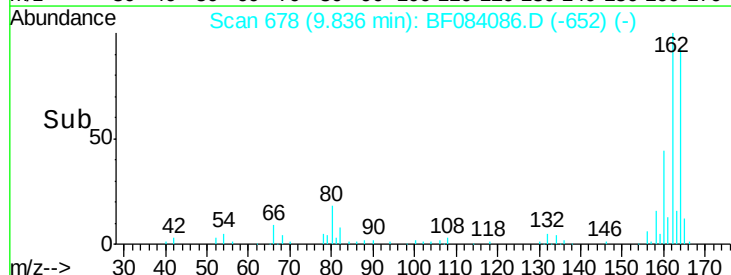
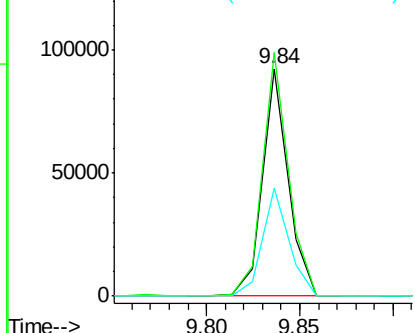


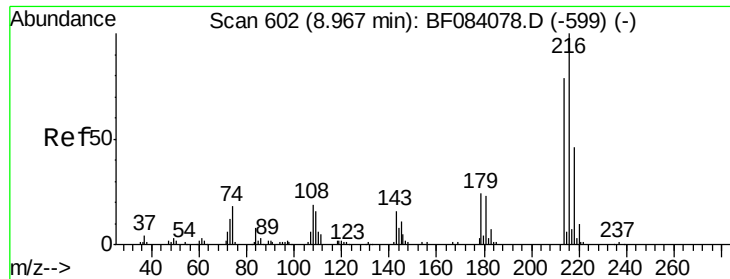
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	47.6	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

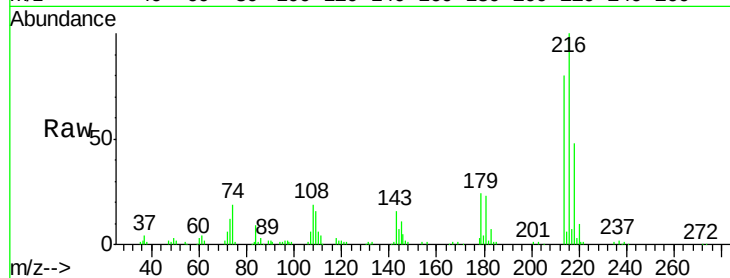




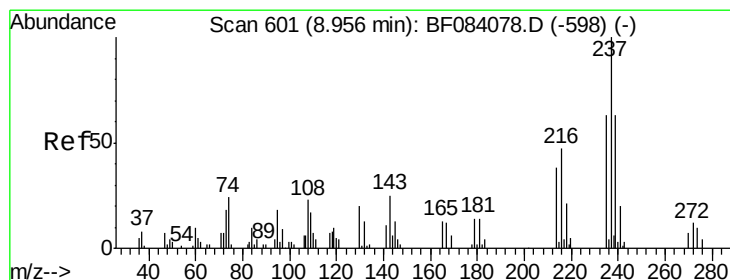
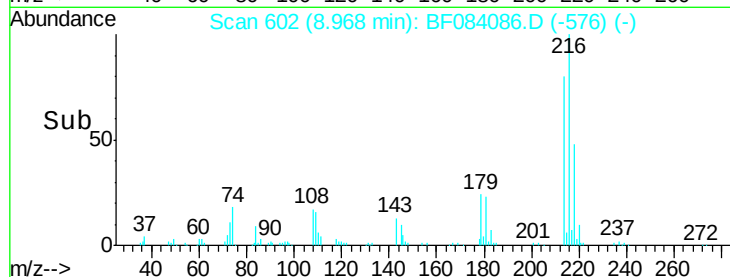
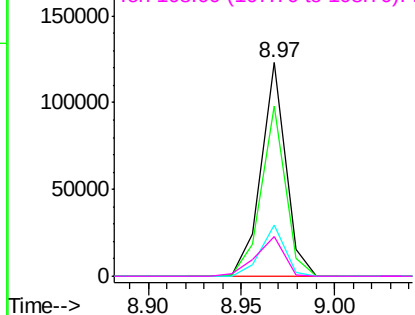
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.83 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion:	216	Resp:	112114
Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.2	96.2
179	23.9	18.7	28.1
108	22.1	16.8	25.2

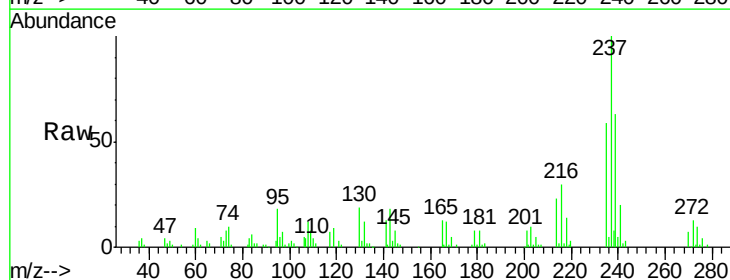


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

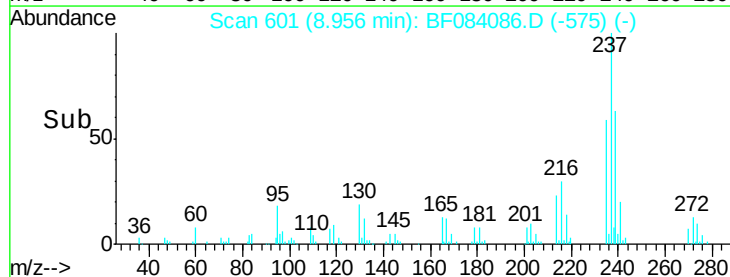
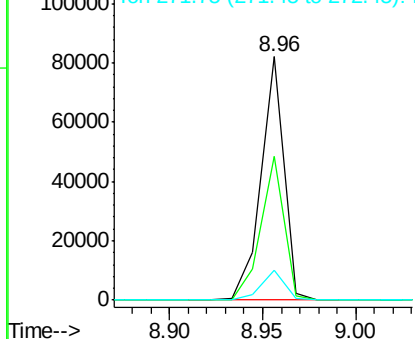


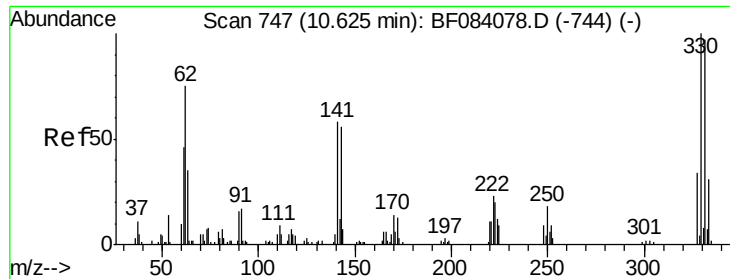
#40
 Hexachlorocyclopentadiene
 Concen: 84.78 ng
 RT: 8.96 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:	237	Resp:	69440
Ion	Ratio	Lower	Upper
237	100		
235	59.0	43.1	83.1
272	12.5	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

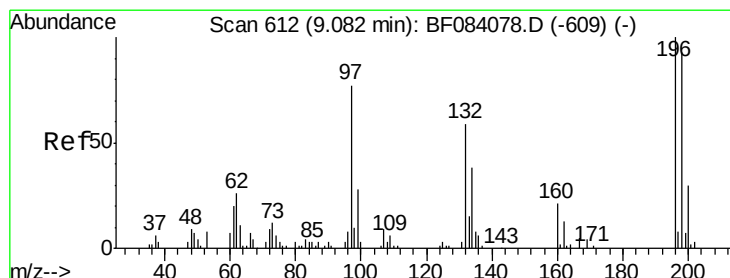
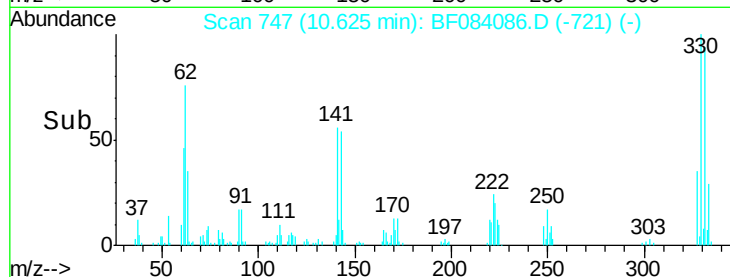
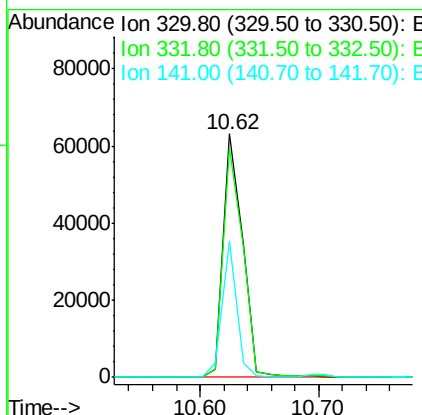
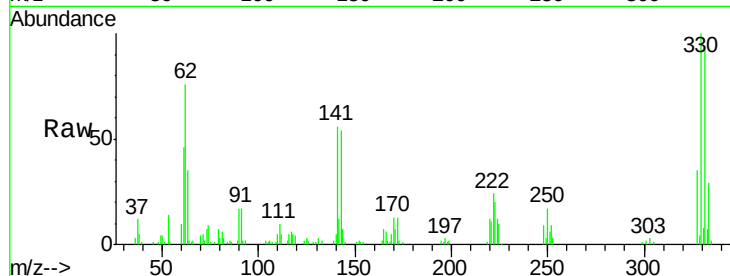




#41
 2,4,6-Tribromophenol
 Concen: 76.43 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

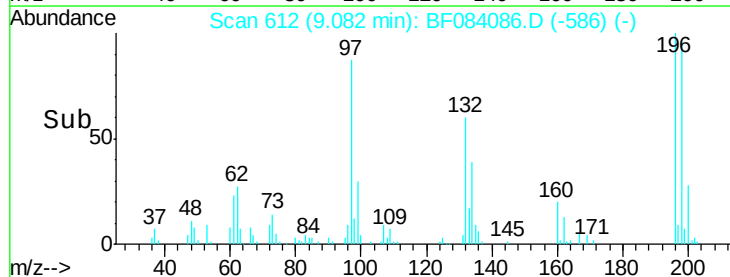
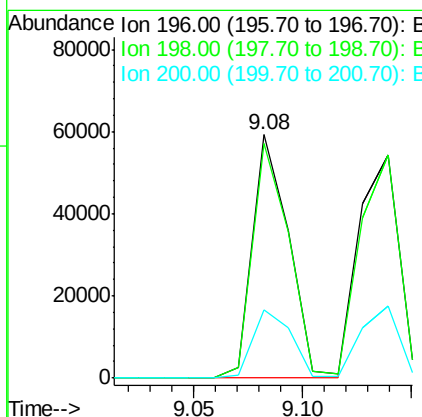
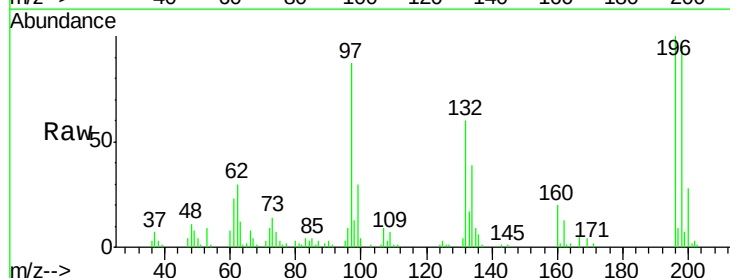
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

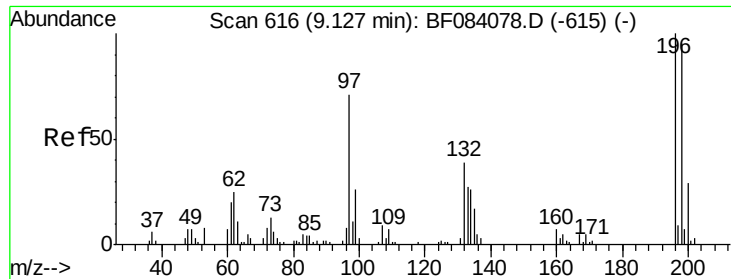
Tgt Ion:330 Resp: 70999
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 41.6 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 38.57 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:196 Resp: 69064
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.7 116.5
 200 28.2 24.6 37.0

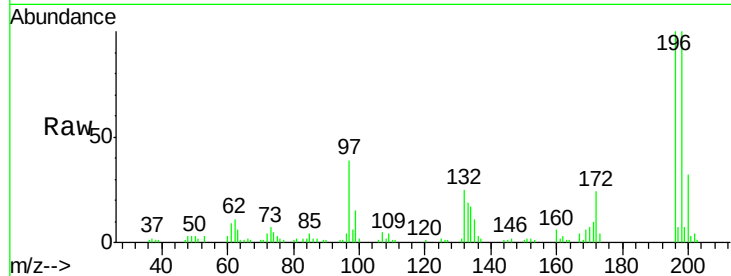




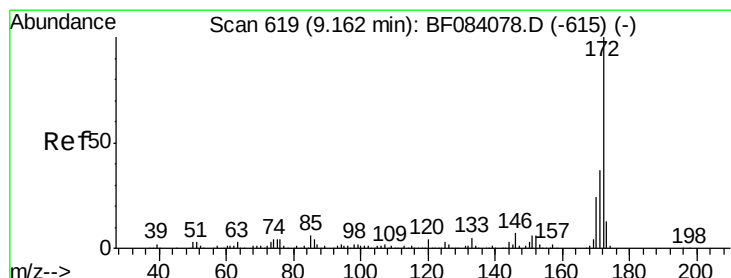
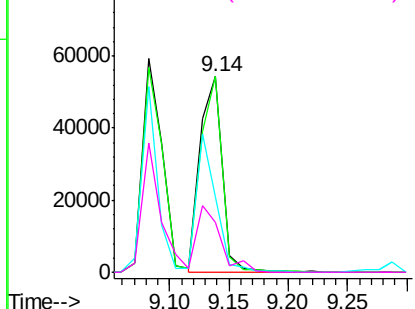
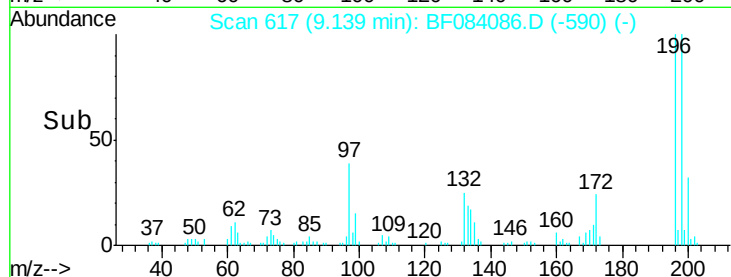
#43
 2,4,5-Trichlorophenol
 Concen: 39.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion:196 Resp: 71514
 Ion Ratio Lower Upper
 196 100
 198 100.3 79.0 118.6
 97 38.9 33.0 49.6
 132 25.6 21.1 31.7

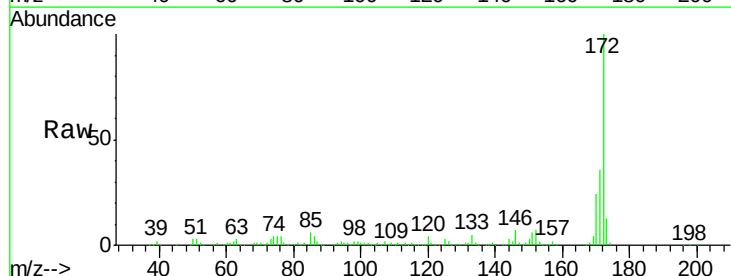


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

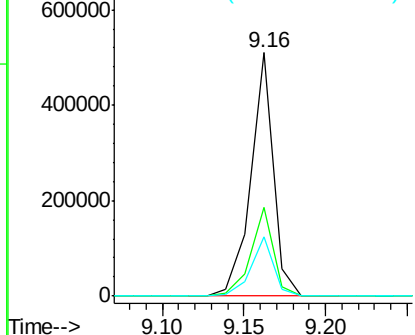
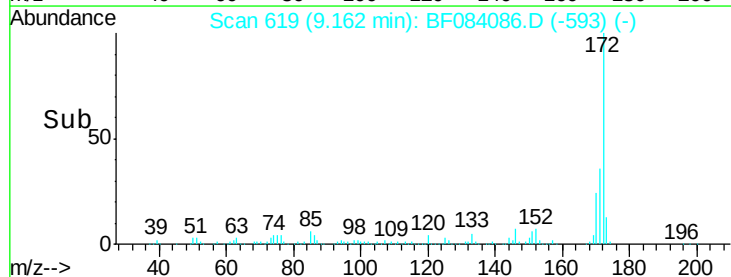


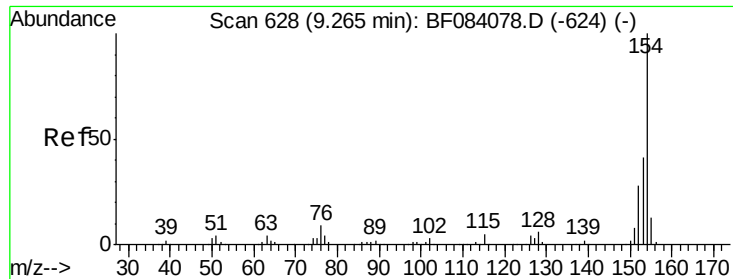
#44
 2-Fluorobiphenyl
 Concen: 76.41 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:172 Resp: 486442
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.1 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

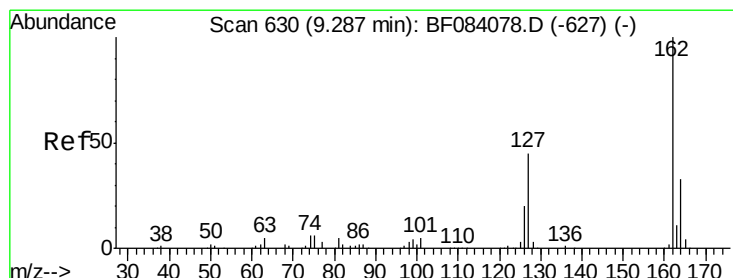
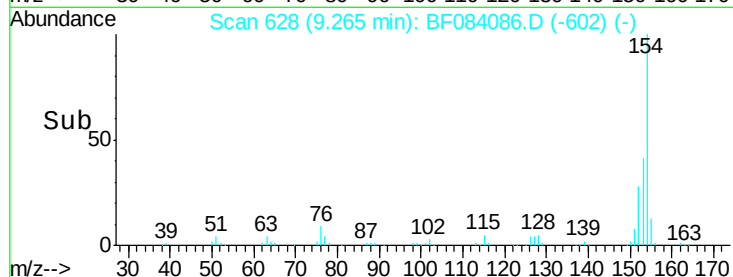
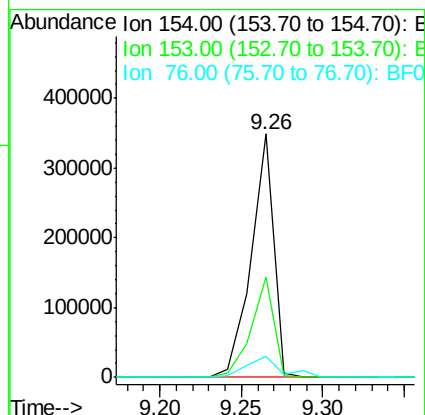
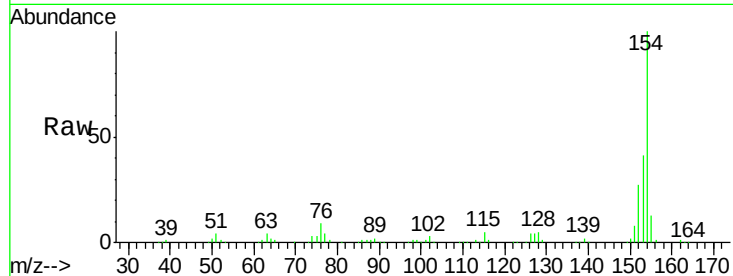




#45
 1,1'-Biphenyl
 Concen: 42.37 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

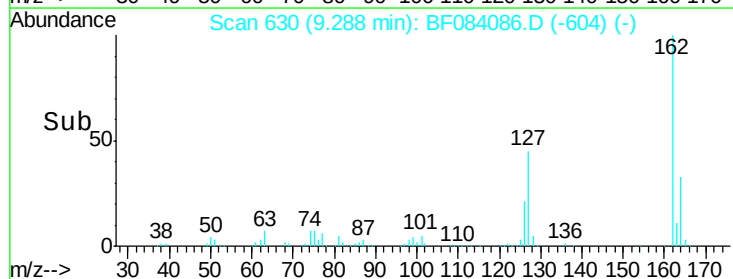
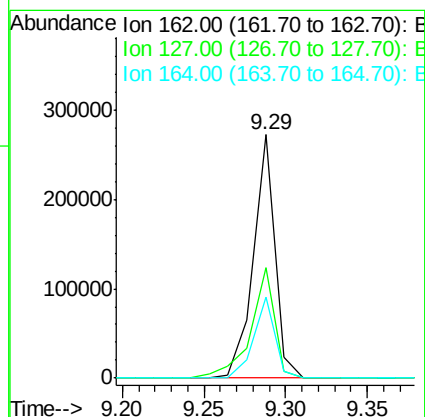
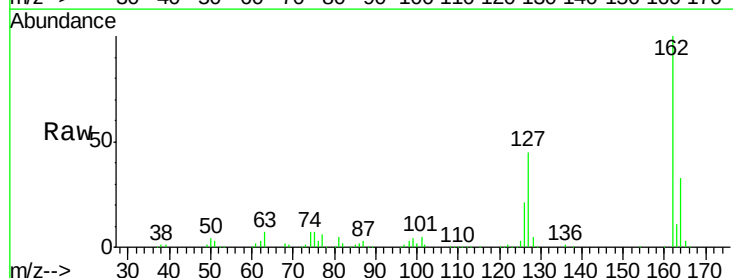
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

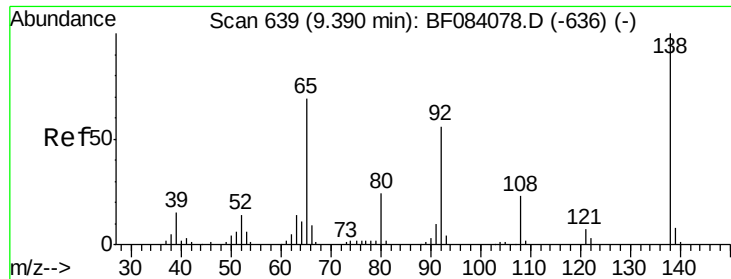
Tgt Ion:	154	Resp:	333405
Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.6	61.6
76	8.6	0.0	32.7



#46
 2-Chloronaphthalene
 Concen: 41.85 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:	162	Resp:	250358
Ion	Ratio	Lower	Upper
162	100		
127	45.4	40.2	60.4
164	33.2	25.7	38.5

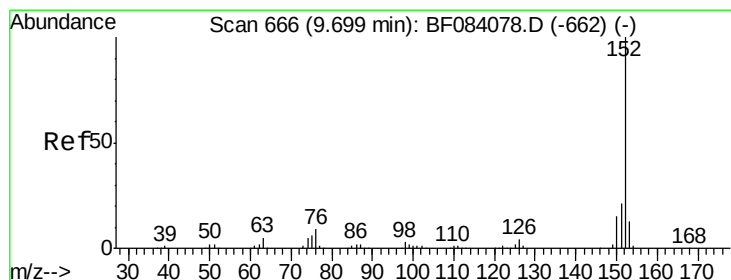
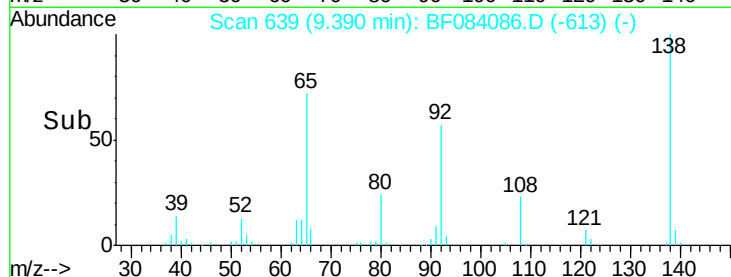
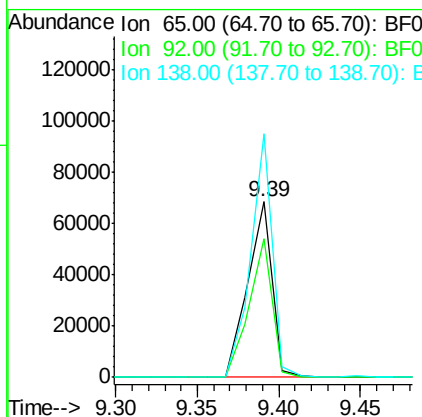
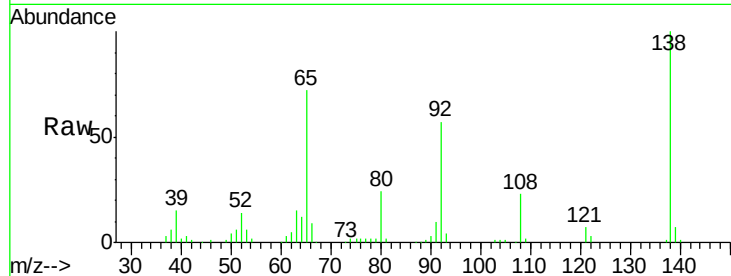




#47
2-Nitroaniline
Concen: 44.37 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

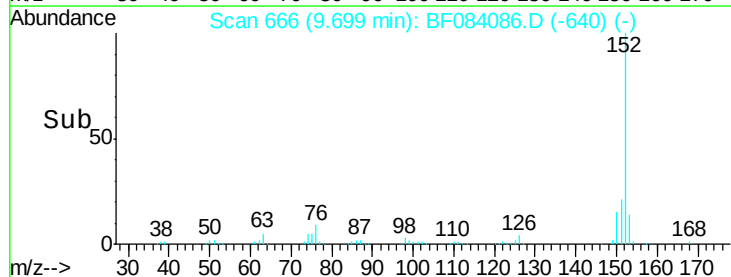
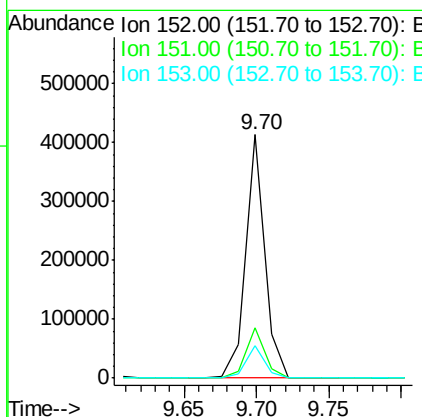
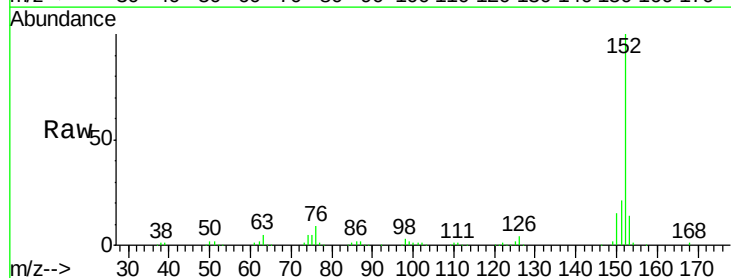
Instrument :
BNA_F
ClientSampleId :
PB87523BS

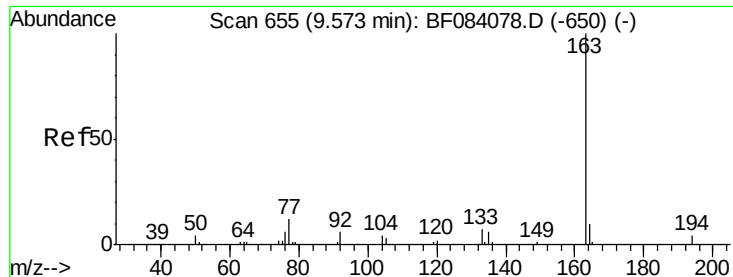
Tgt Ion: 65 Resp: 70542
Ion Ratio Lower Upper
65 100
92 79.0 53.4 80.2
138 138.7 71.1 106.7#



#48
Acenaphthylene
Concen: 38.41 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion: 152 Resp: 377389
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.5 10.4 15.6





#49

Dimethylphthalate

Concen: 42.02 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

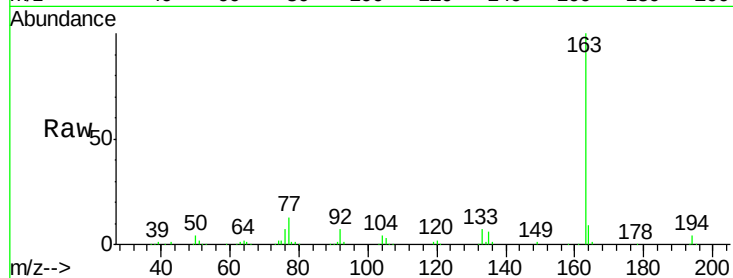
Instrument :

BNA_F

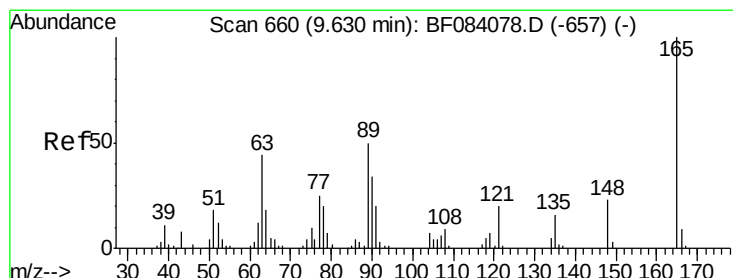
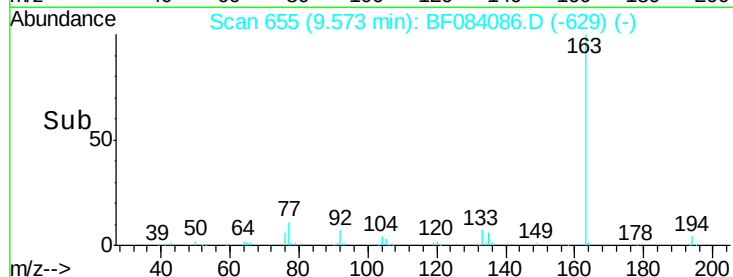
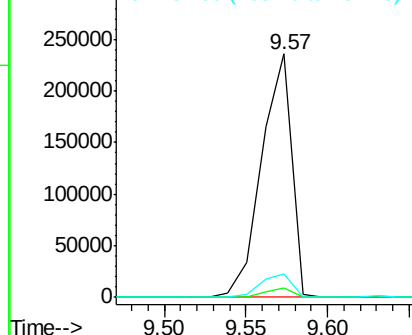
ClientSampleId :

PB87523BS

Tgt Ion:	163	Resp:	303160
Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.4	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: 43.80 ng

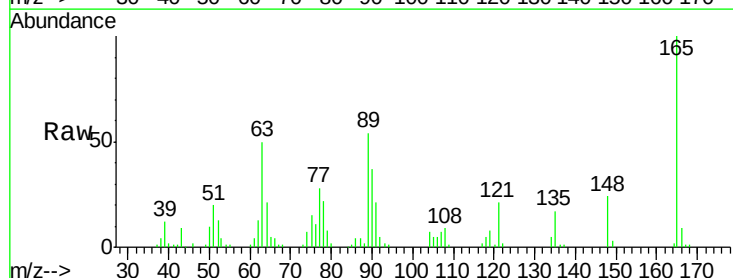
RT: 9.63 min Scan# 660

Delta R.T. 0.00 min

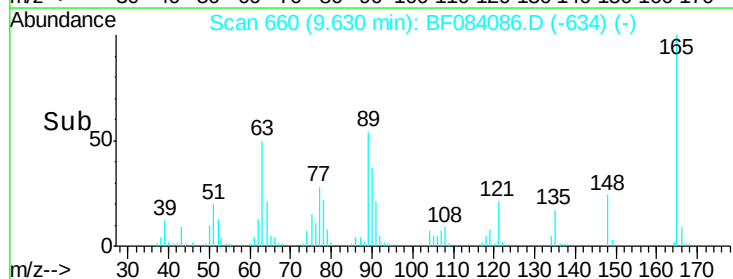
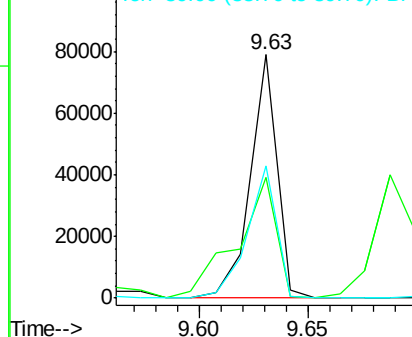
Lab File: BF084086.D

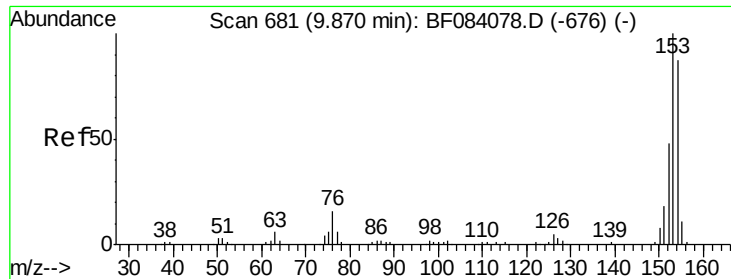
Acq: 24 Dec 2015 18:34

Tgt Ion:	165	Resp:	67068
Ion	Ratio	Lower	Upper
165	100		
63	49.7	28.8	43.2#
89	54.4	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

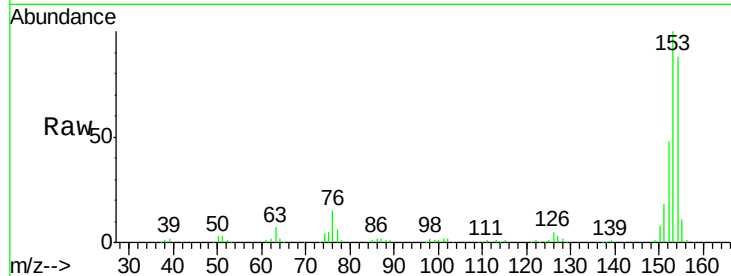




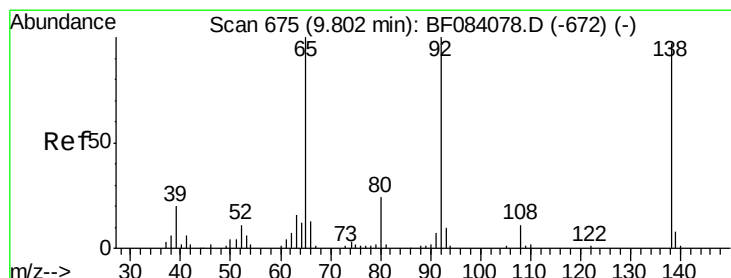
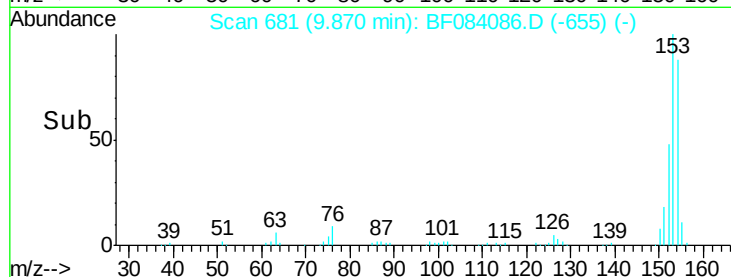
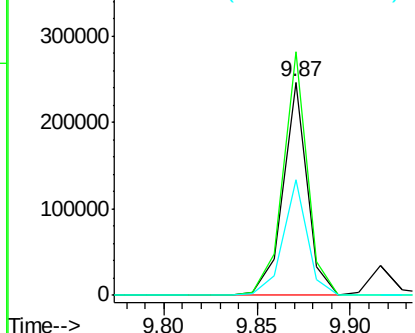
#51
Acenaphthene
Concen: 39.07 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Tgt Ion:154 Resp: 223276
Ion Ratio Lower Upper
154 100
153 114.3 91.5 137.3
152 54.3 43.0 64.6

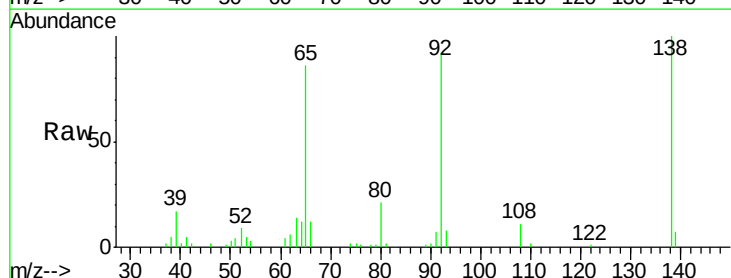


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

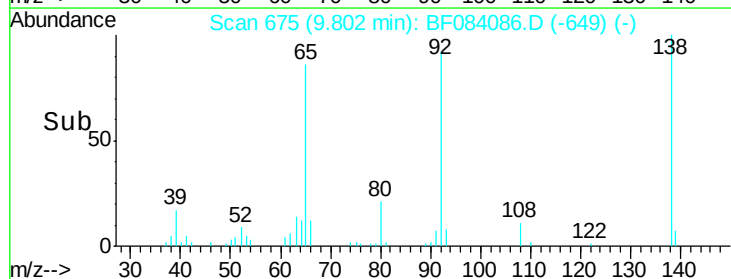
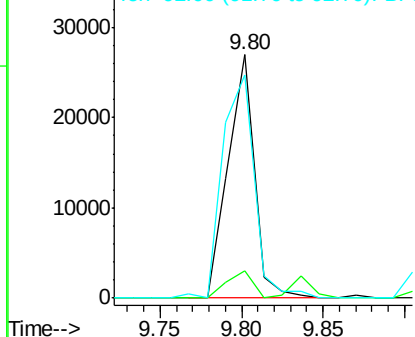


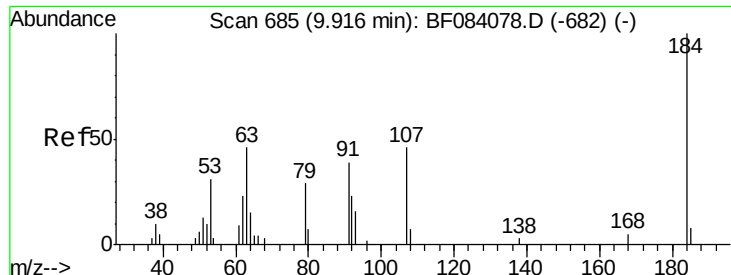
#52
3-Nitroaniline
Concen: 18.18 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion:138 Resp: 29874
Ion Ratio Lower Upper
138 100
108 11.2 10.5 15.7
92 91.6 103.9 155.9#



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

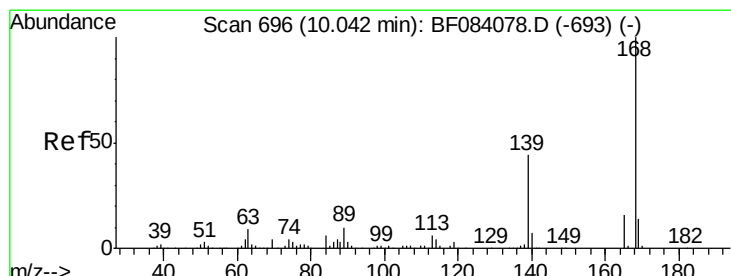
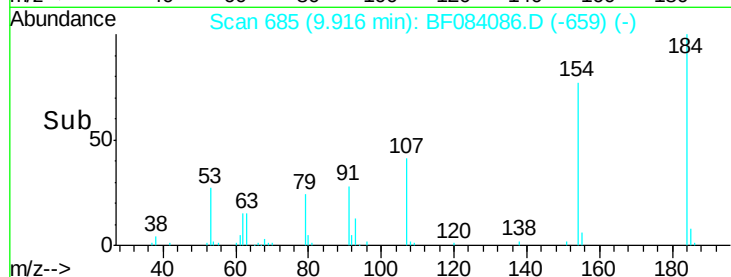
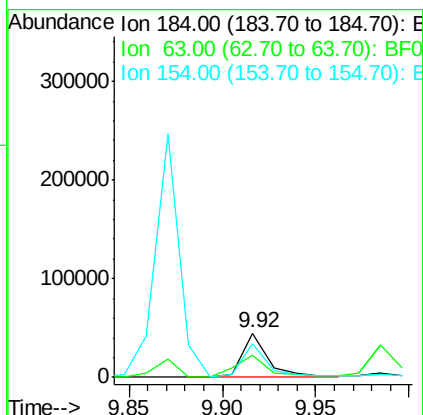
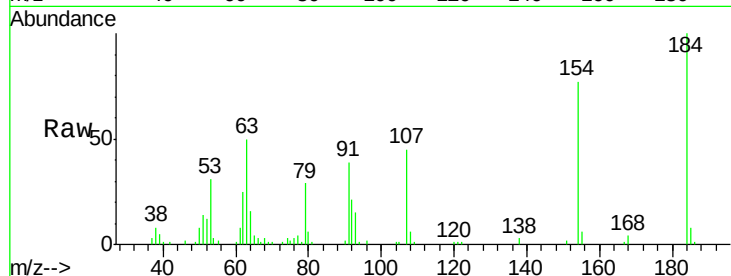




#53
 2,4-Dinitrophenol
 Concen: 76.11 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

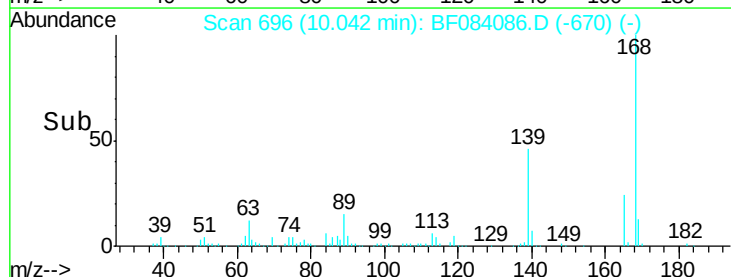
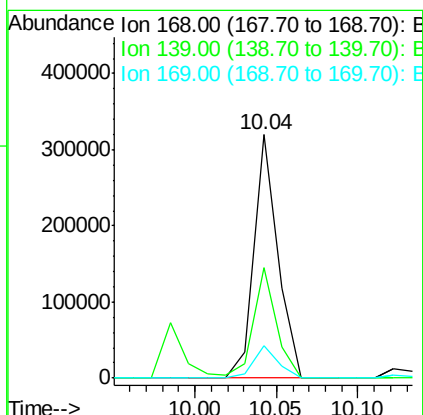
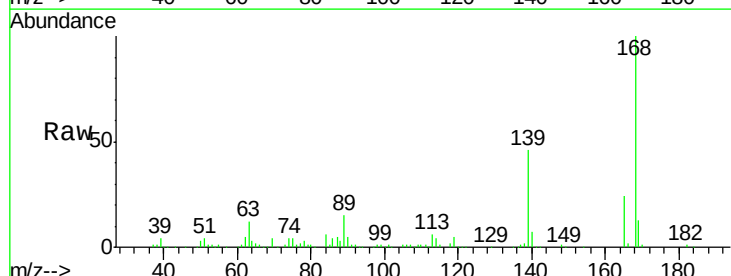
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

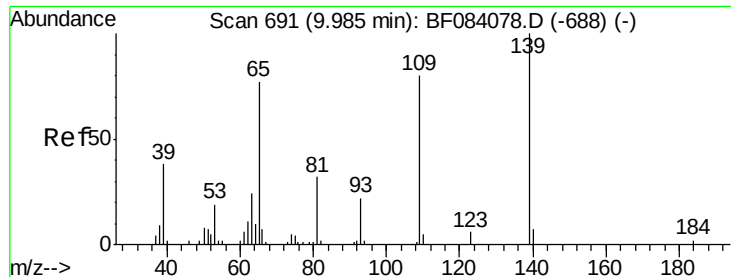
Tgt Ion:184 Resp: 44334
 Ion Ratio Lower Upper
 184 100
 63 50.0 43.1 64.7
 154 77.3 60.5 90.7



#54
 Dibenzofuran
 Concen: 41.48 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:168 Resp: 325995
 Ion Ratio Lower Upper
 168 100
 139 45.6 30.5 45.7
 169 13.4 10.4 15.6





#55

4-Nitrophenol

Concen: 81.68 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

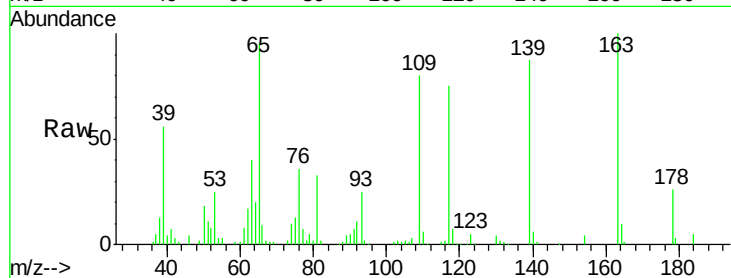
Tgt Ion:139 Resp: 68517

Ion Ratio Lower Upper

139 100

109 92.2 58.5 98.5

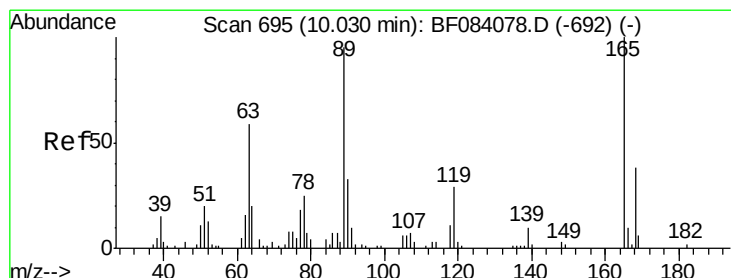
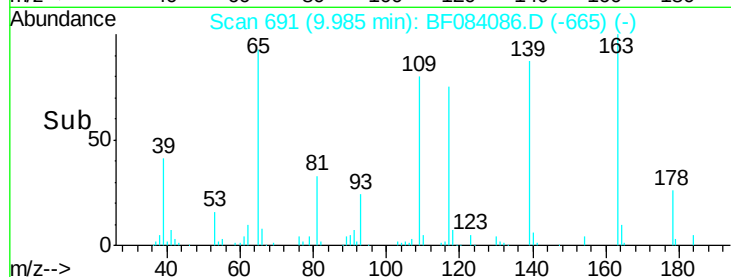
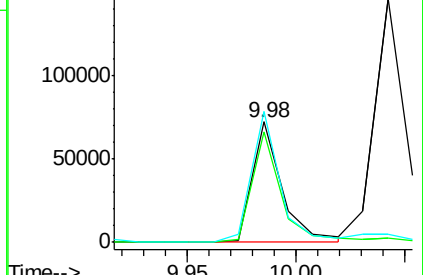
65 109.0 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.96 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Tgt Ion:165 Resp: 86834

Ion Ratio Lower Upper

165 100

63 48.8 36.7 55.1

89 62.6 61.9 92.9

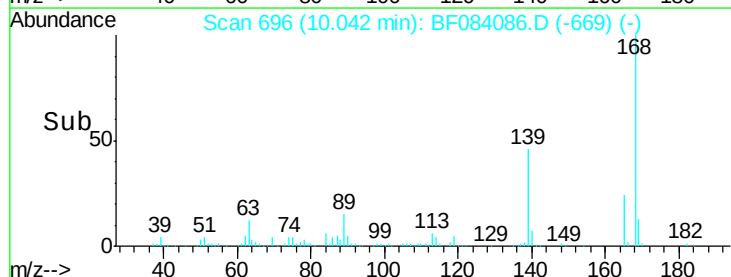
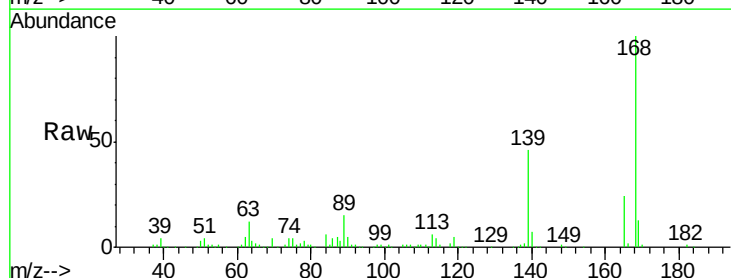
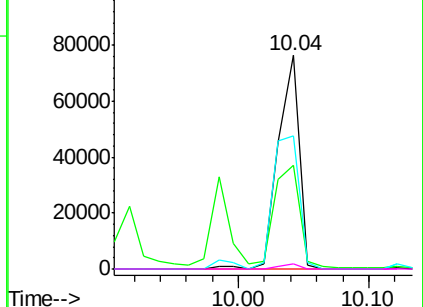
182 2.6 2.0 3.0

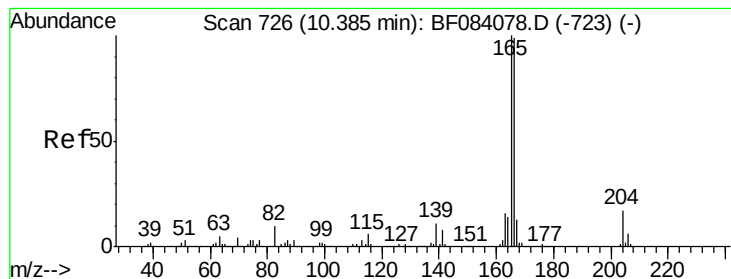
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.49 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

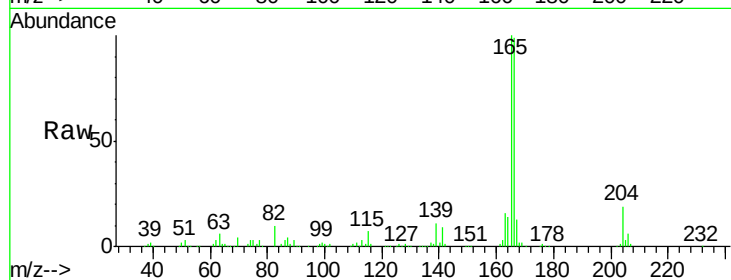
Tgt Ion:166 Resp: 263774

Ion Ratio Lower Upper

166 100

165 101.3 79.1 118.7

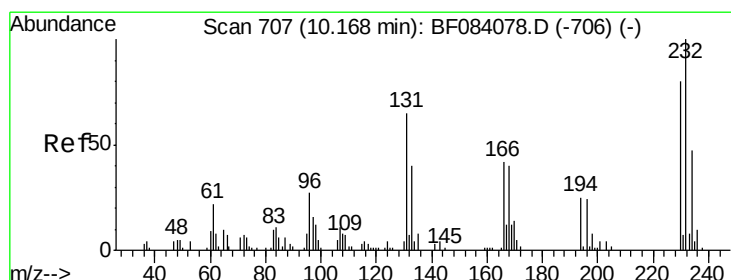
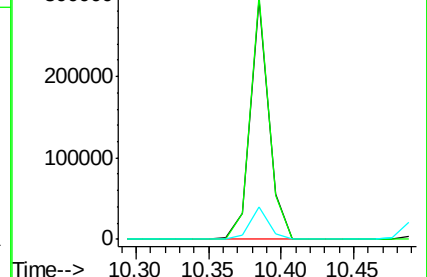
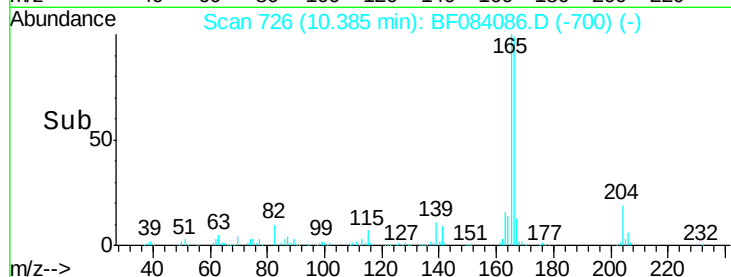
167 13.5 10.4 15.6



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: 46.12 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Tgt Ion:232 Resp: 58926

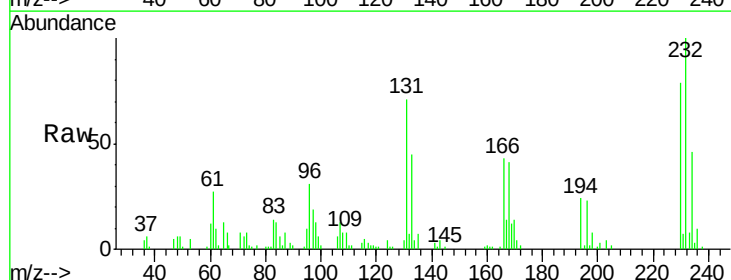
Ion Ratio Lower Upper

232 100

131 58.4 47.0 70.6

130 2.9 2.0 3.0

166 36.5 30.5 45.7

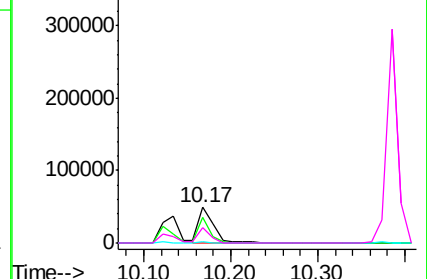
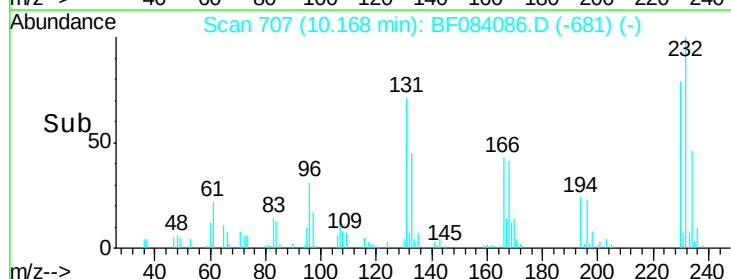


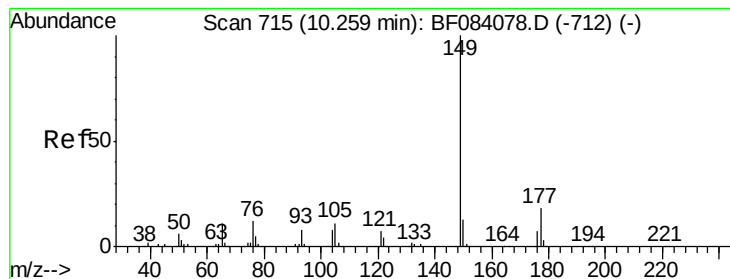
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.76 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

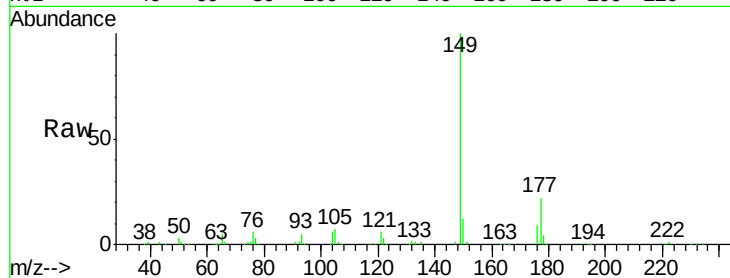
Tgt Ion:149 Resp: 291356

Ion Ratio Lower Upper

149 100

177 22.3 17.3 25.9

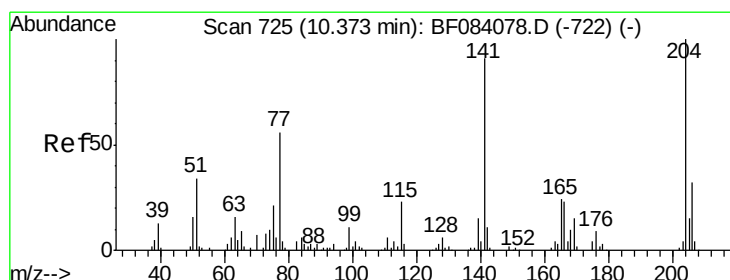
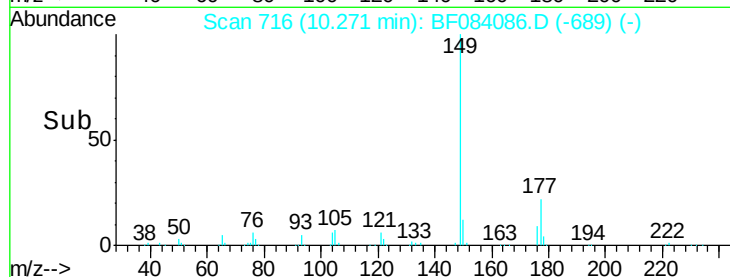
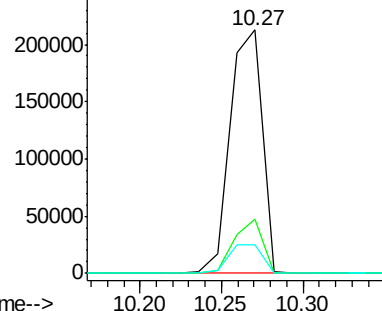
150 12.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.84 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

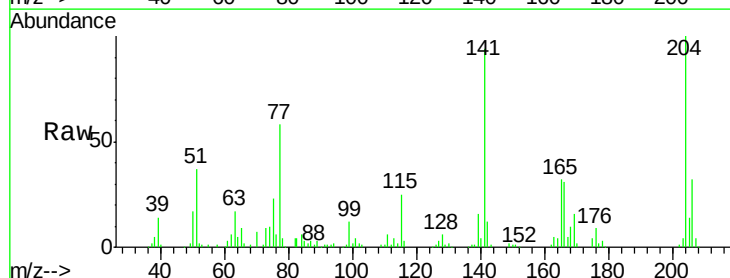
Tgt Ion:204 Resp: 113486

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

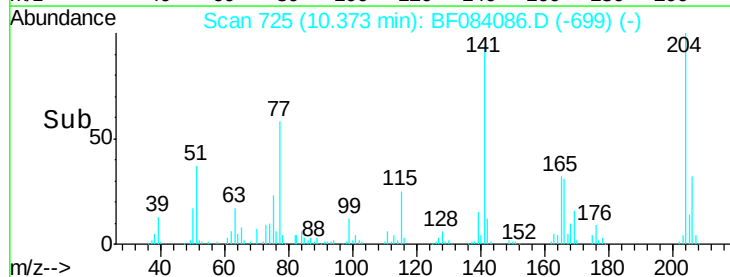
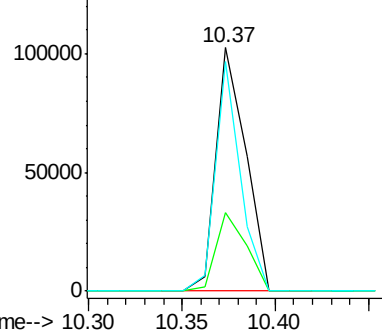
141 94.2 55.1 82.7#

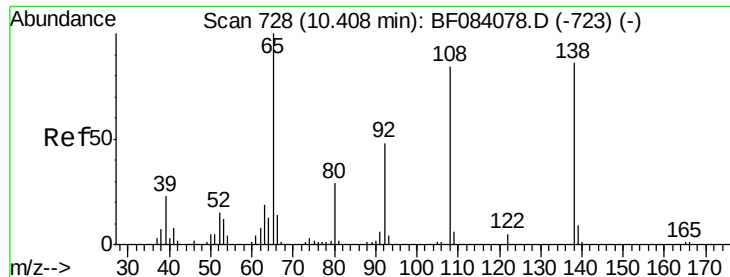


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

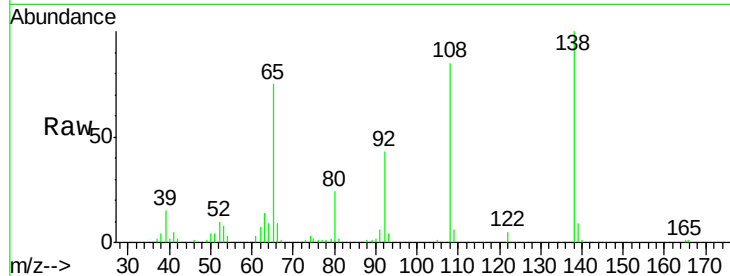




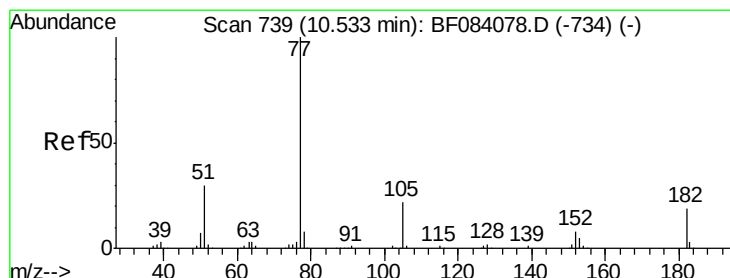
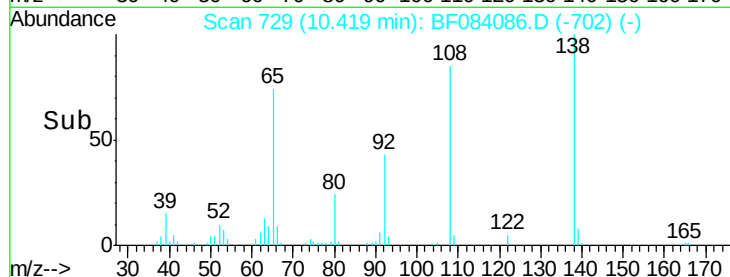
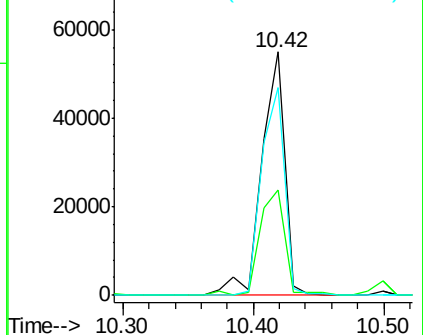
#61
4-Nitroaniline
Concen: 44.81 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Instrument :
BNA_F
ClientSampleId :
PB87523BS

Tgt Ion:138 Resp: 68064
Ion Ratio Lower Upper
138 100
92 43.1 32.6 72.6
108 85.4 68.6 108.6

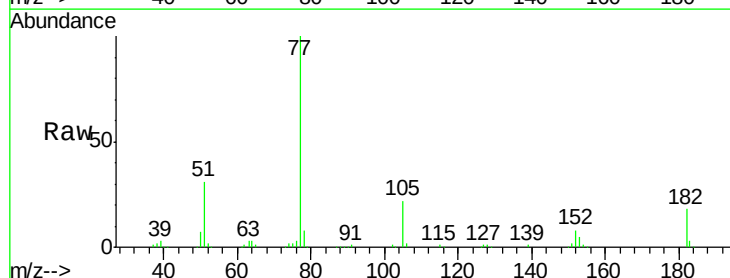


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

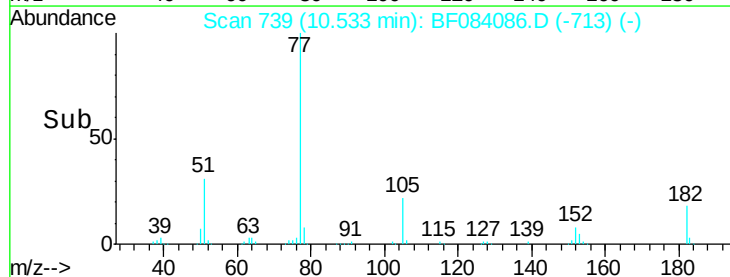
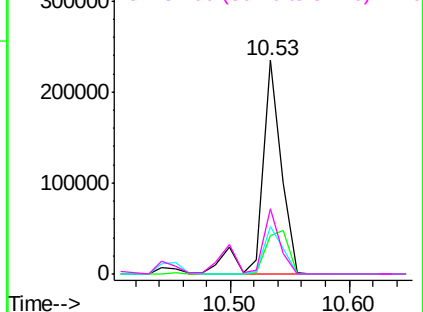


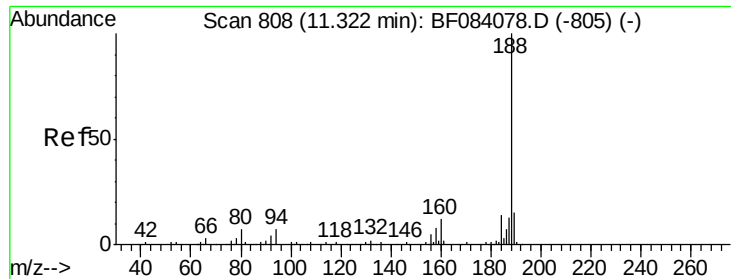
#62
Azobenzene
Concen: 44.63 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion: 77 Resp: 269485
Ion Ratio Lower Upper
77 100
182 17.9 8.3 48.3
105 21.9 4.6 44.6
51 30.6 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

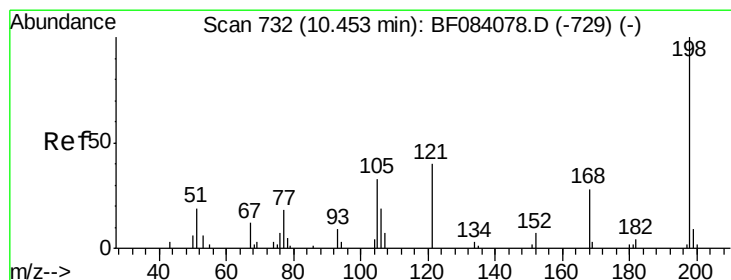
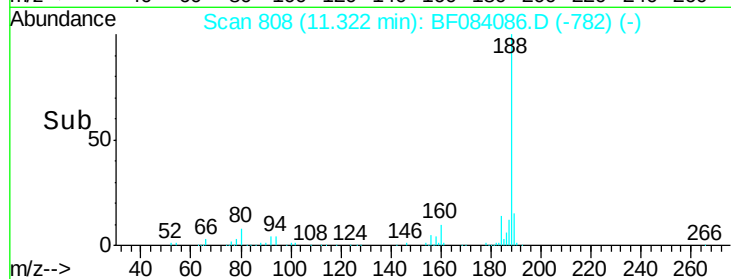
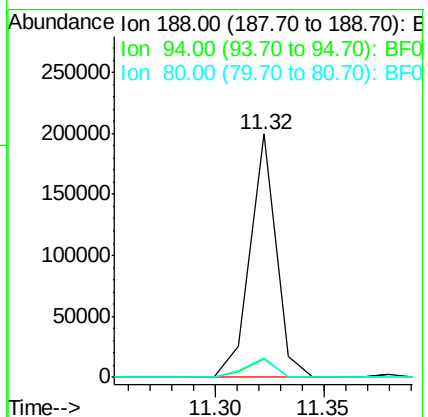
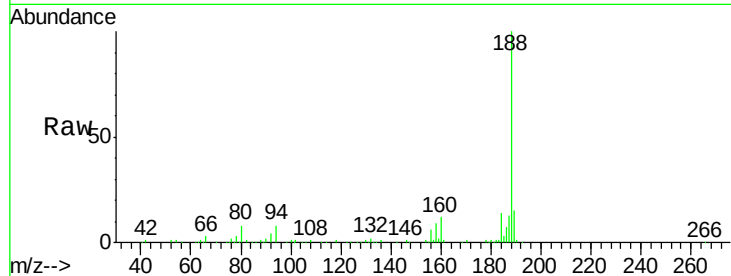




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

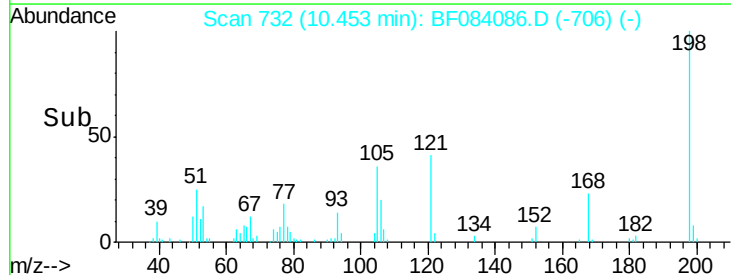
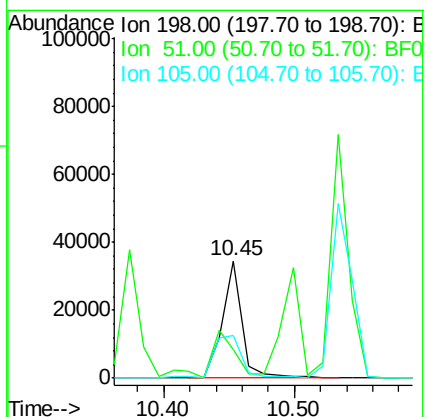
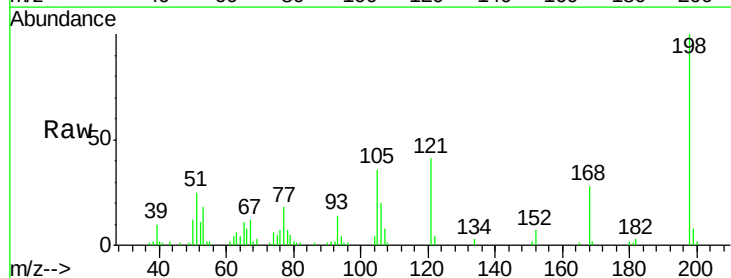
Instrument :
BNA_F
ClientSampleId :
PB87523BS

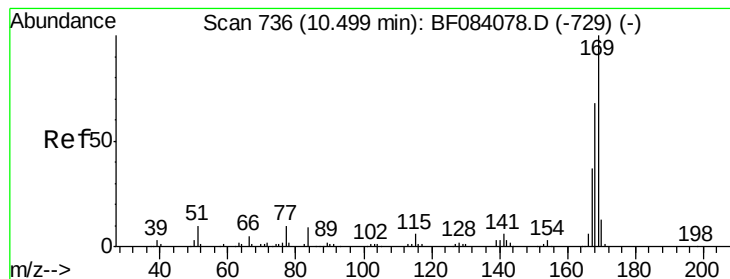
Tgt Ion:188 Resp: 166460
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.4#
80 8.0 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.43 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084086.D
Acq: 24 Dec 2015 18:34

Tgt Ion:198 Resp: 36431
Ion Ratio Lower Upper
198 100
51 24.6 18.9 58.9
105 36.0 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 42.65 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

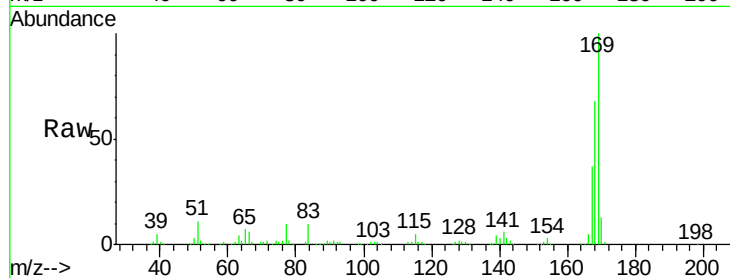
Tgt Ion:169 Resp: 253090

Ion Ratio Lower Upper

169 100

168 67.9 55.1 82.7

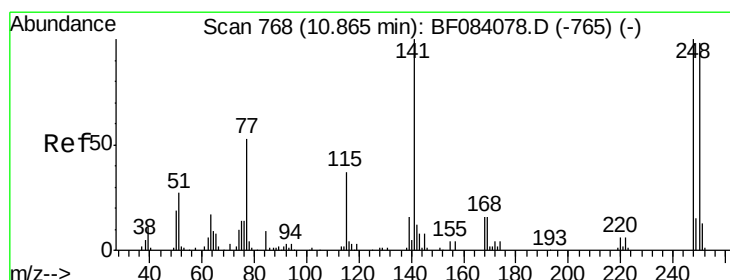
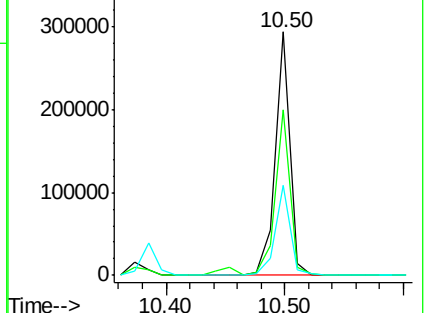
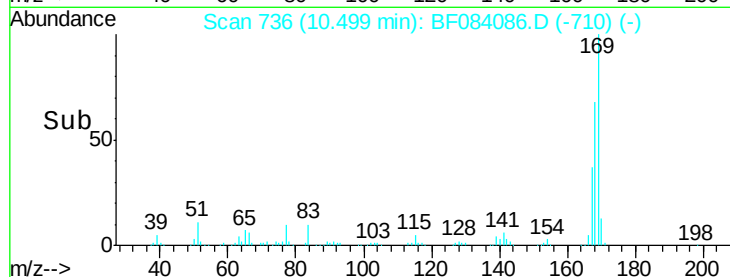
167 36.8 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.47 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

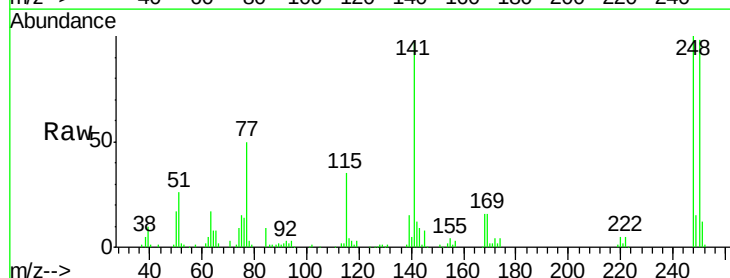
Tgt Ion:248 Resp: 78038

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

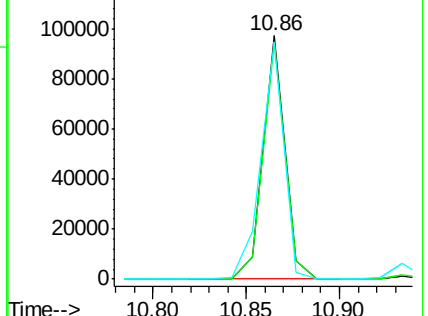
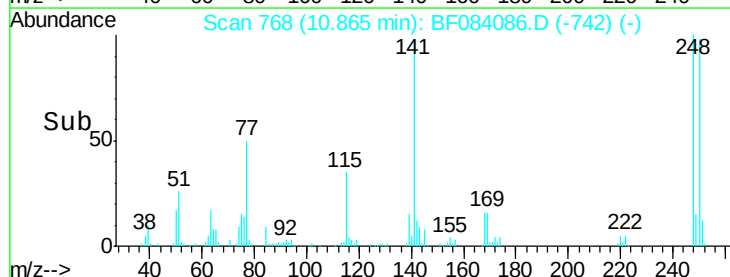
141 97.3 44.0 66.0#

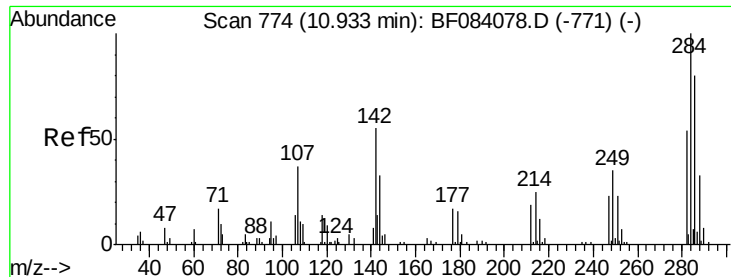


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.86 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

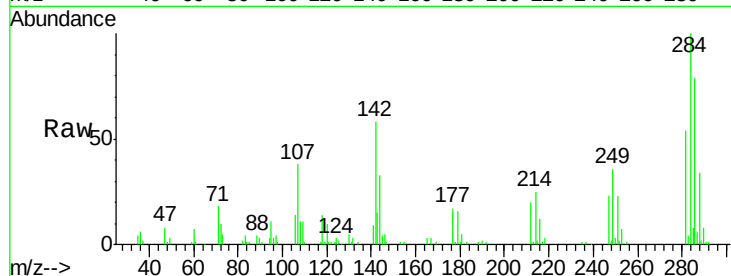
Tgt Ion:284 Resp: 79942

Ion Ratio Lower Upper

284 100

142 57.6 22.2 33.4#

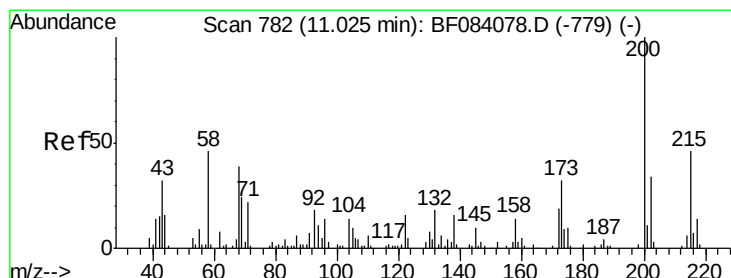
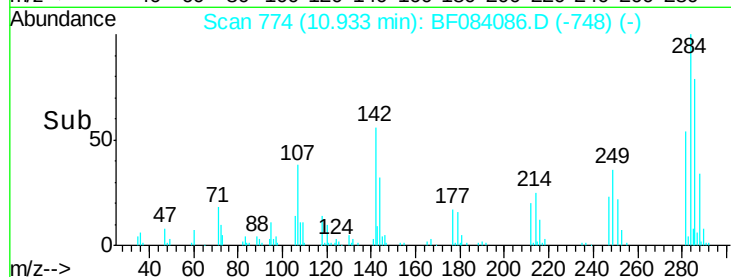
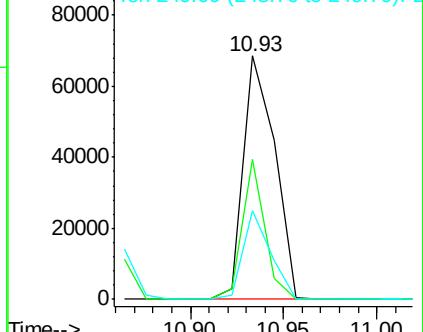
249 36.4 24.6 37.0



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: 37.00 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

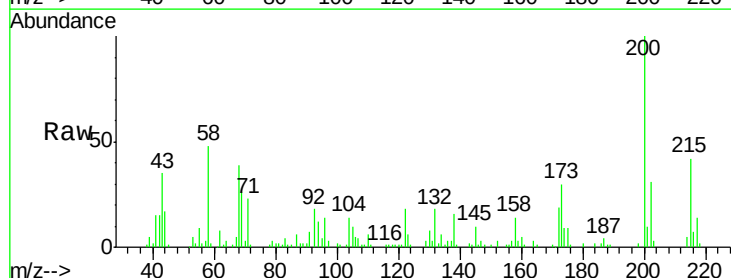
Tgt Ion:200 Resp: 66121

Ion Ratio Lower Upper

200 100

173 30.4 9.5 49.5

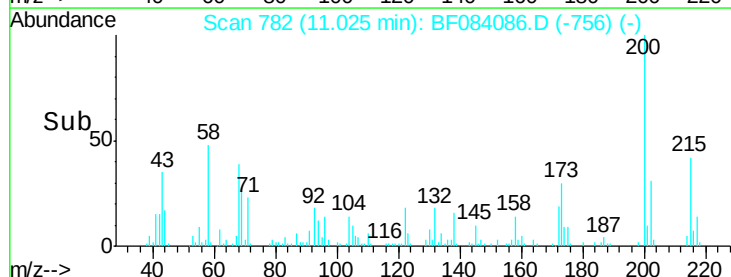
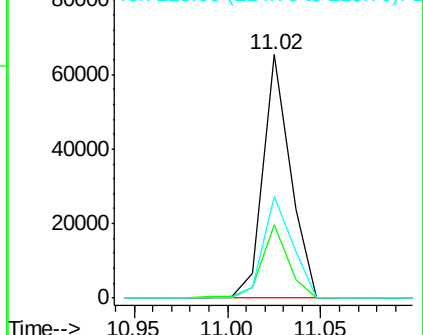
215 41.7 23.8 63.8

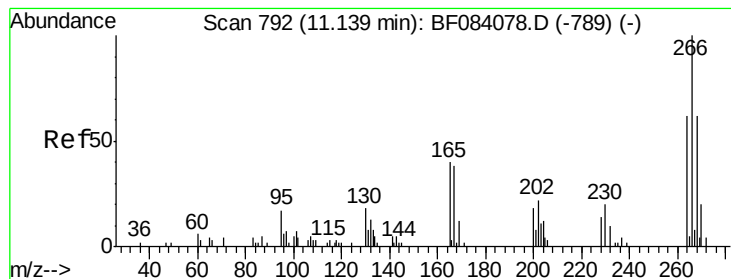


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

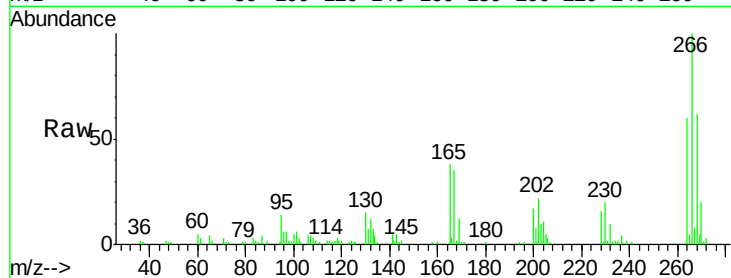




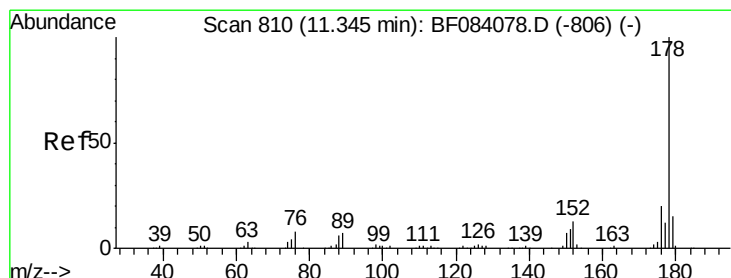
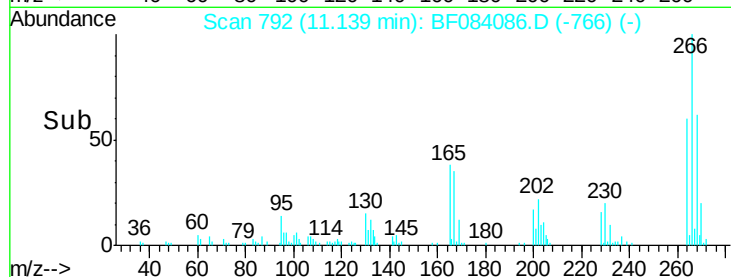
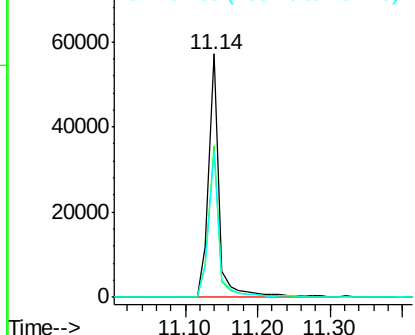
#69
 Pentachlorophenol
 Concen: 83.49 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion:266 Resp: 58233
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.4 78.6
 264 60.0 50.2 75.2

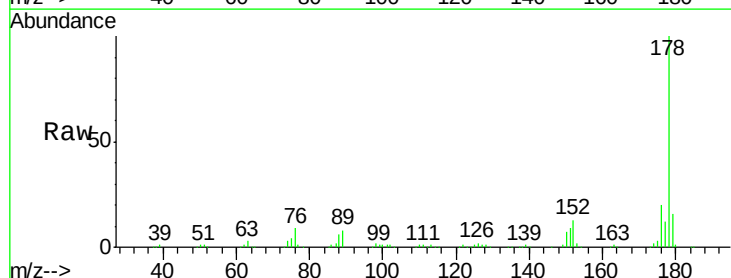


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

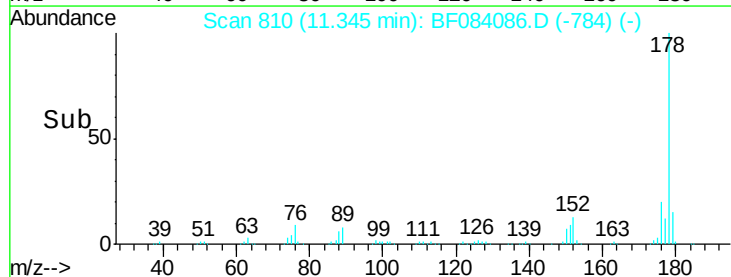
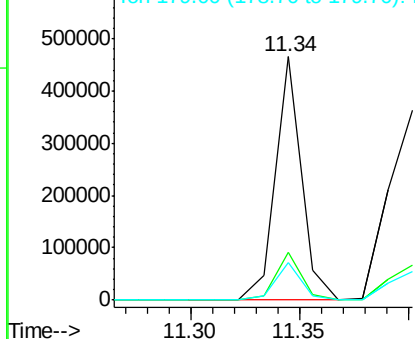


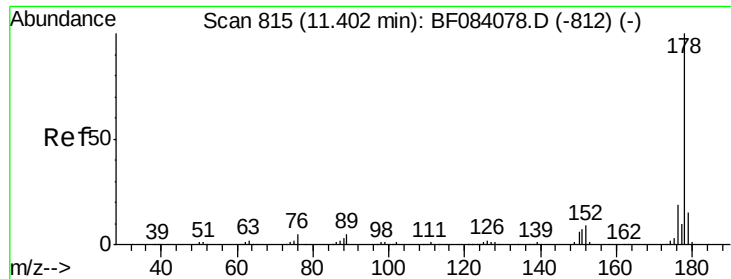
#70
 Phenanthrene
 Concen: 39.84 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:178 Resp: 393151
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.3 22.9
 179 15.6 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

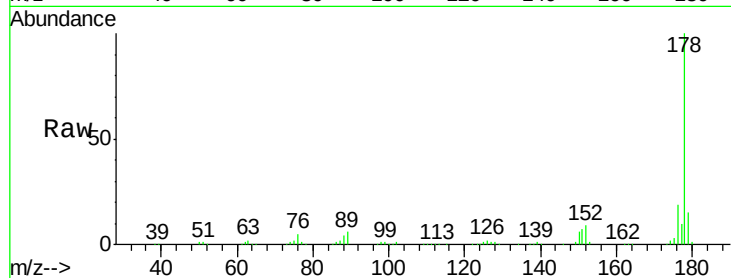




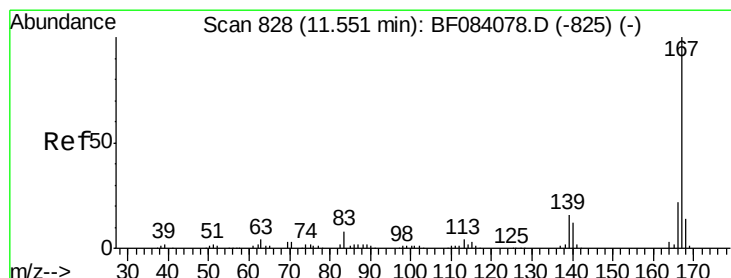
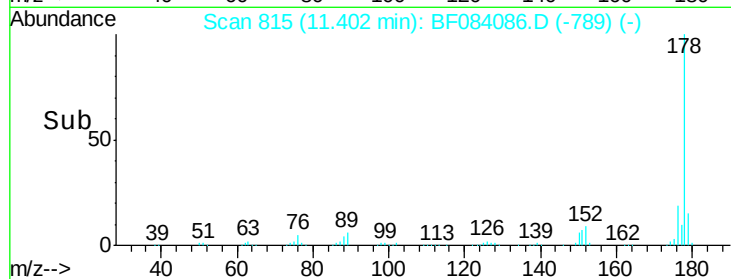
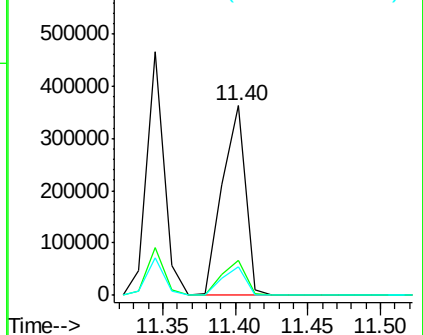
#71
 Anthracene
 Concen: 39.27 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion:178 Resp: 405215
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 15.4 12.5 18.7

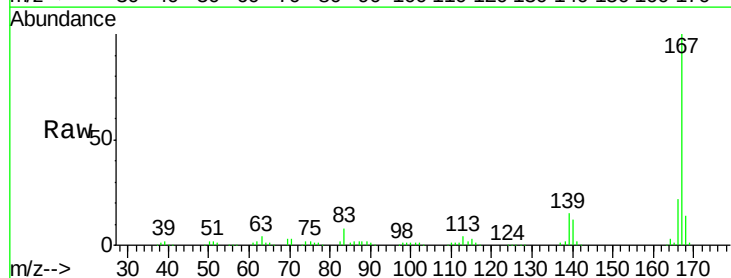


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

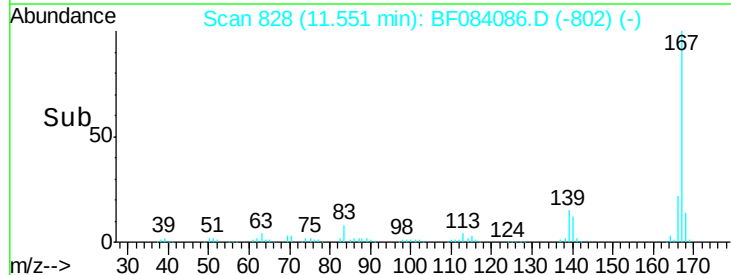
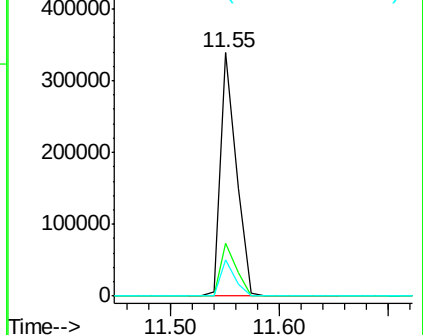


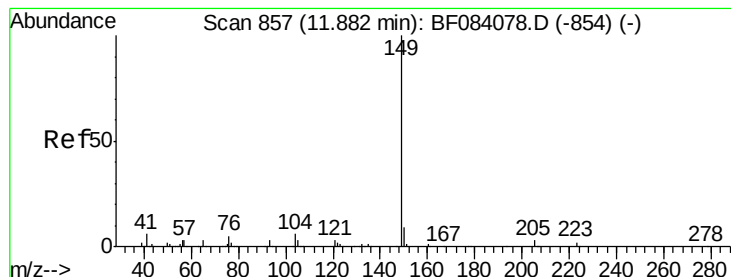
#72
 Carbazole
 Concen: 39.22 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:167 Resp: 344244
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 15.0 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: 38.60 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

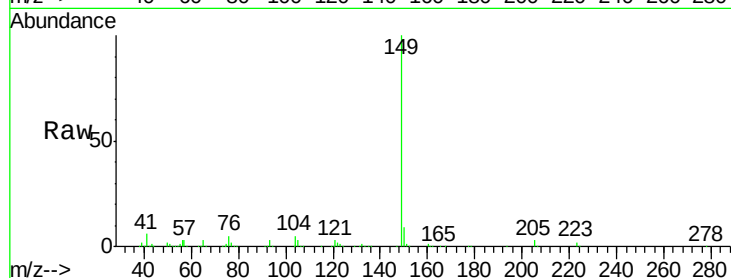
Tgt Ion:149 Resp: 436580

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

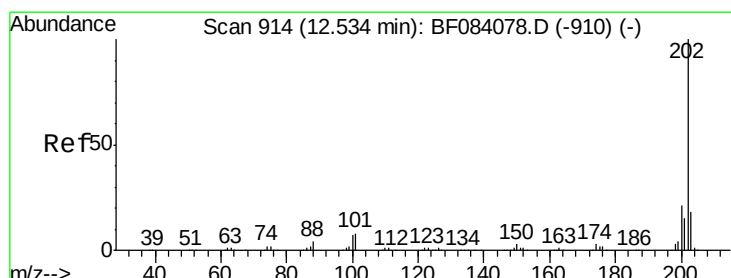
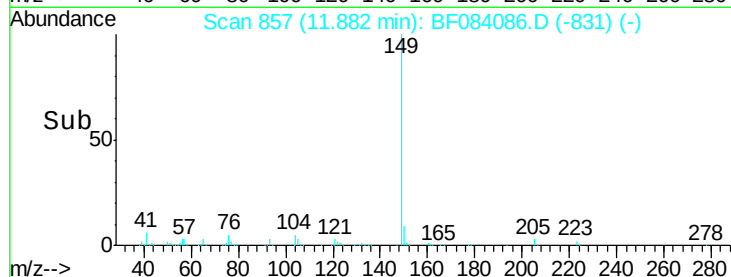
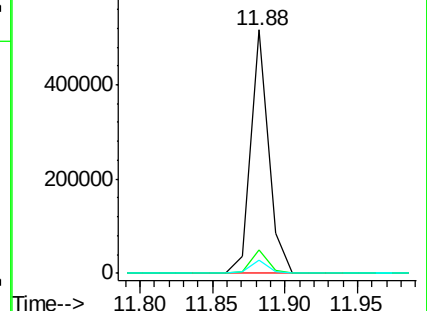
104 5.4 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.69 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

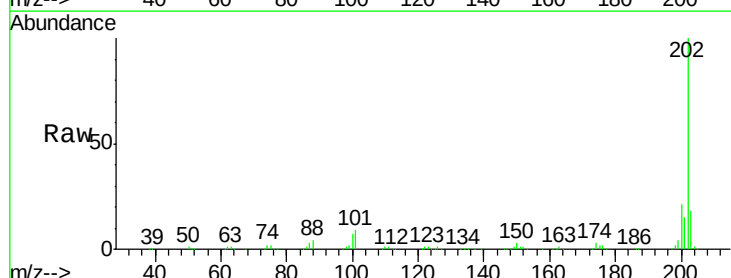
Tgt Ion:202 Resp: 427094

Ion Ratio Lower Upper

202 100

101 9.5 0.0 32.8

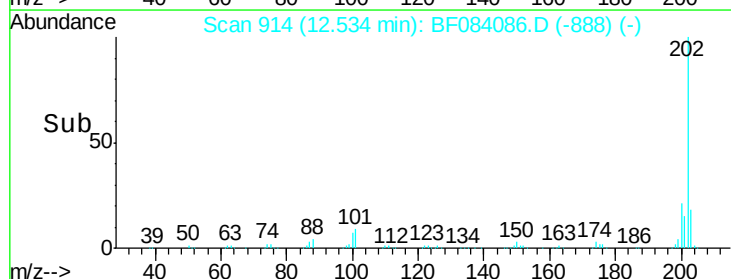
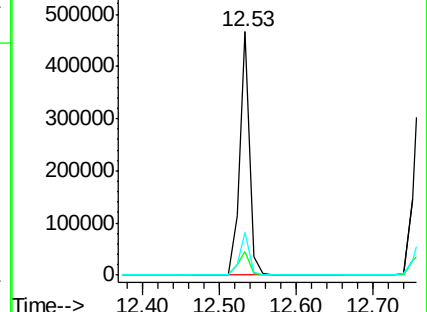
203 17.7 0.0 37.9

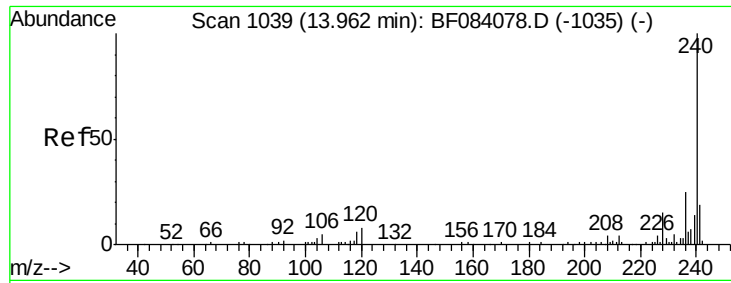


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

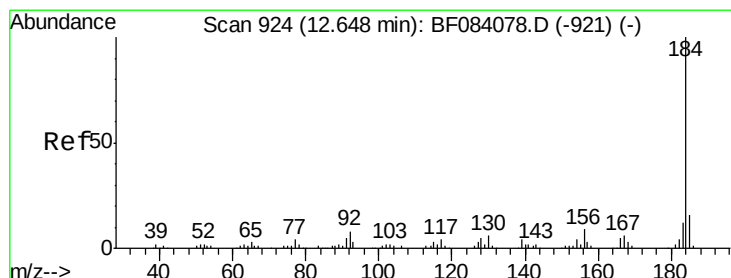
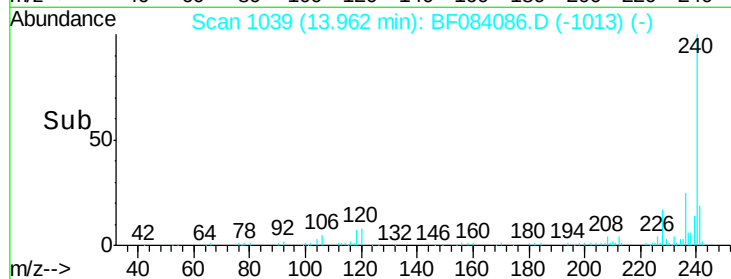
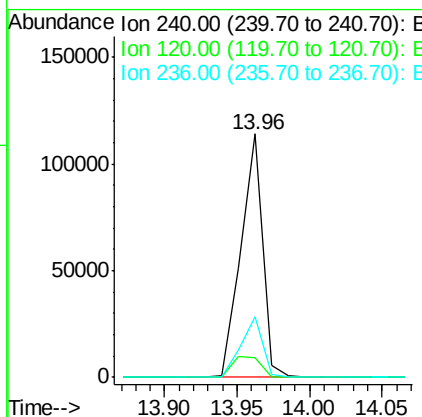
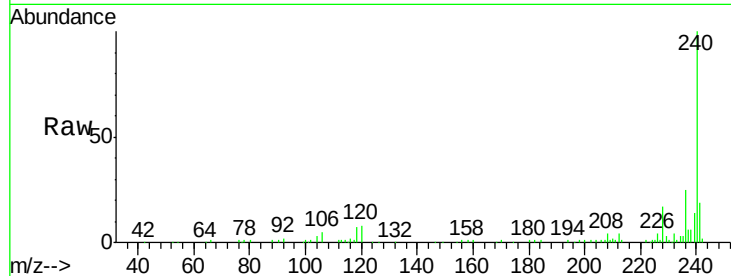




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

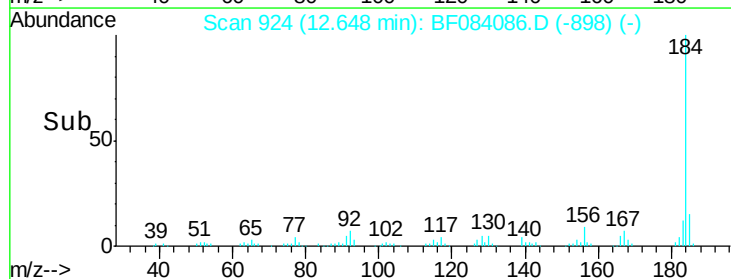
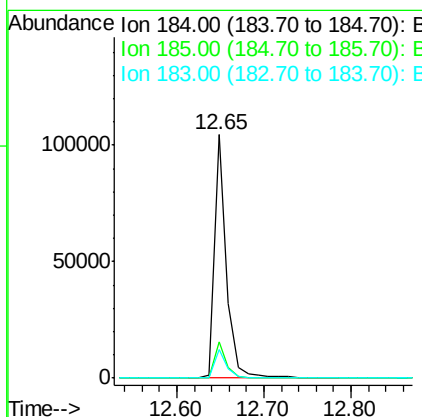
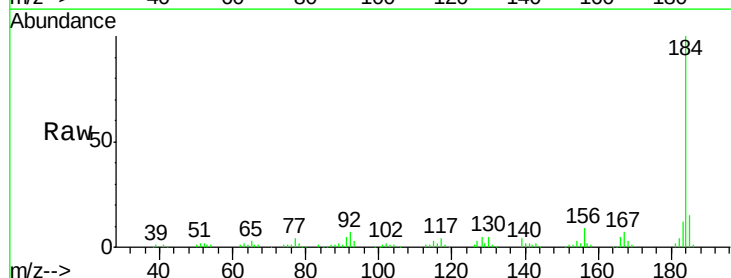
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

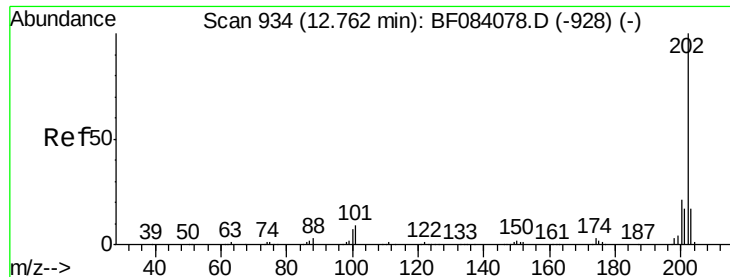
Tgt Ion:240 Resp: 118422
 Ion Ratio Lower Upper
 240 100
 120 7.8 9.5 14.3#
 236 25.0 20.6 31.0



#76
 Benzidine
 Concen: 25.29 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:184 Resp: 101810
 Ion Ratio Lower Upper
 184 100
 185 14.9 12.2 18.2
 183 12.0 9.8 14.8





#77

Pyrene

Concen: 42.47 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

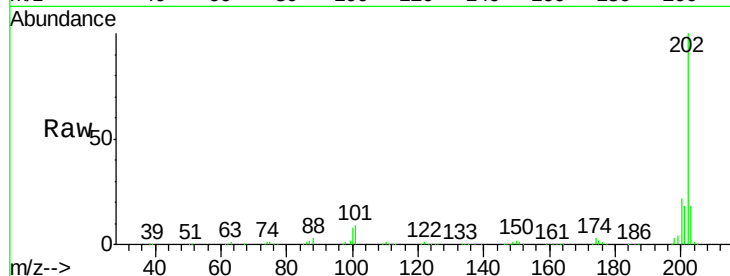
Tgt Ion:202 Resp: 433866

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

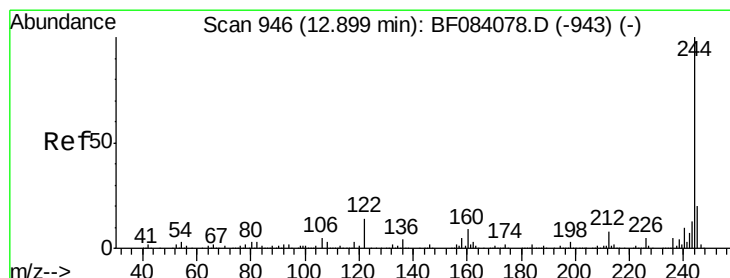
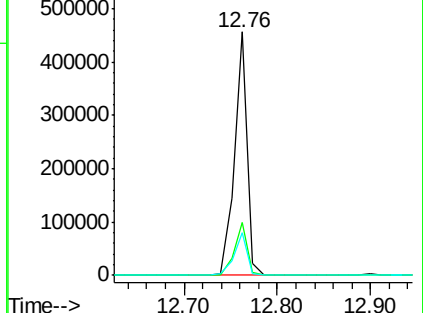
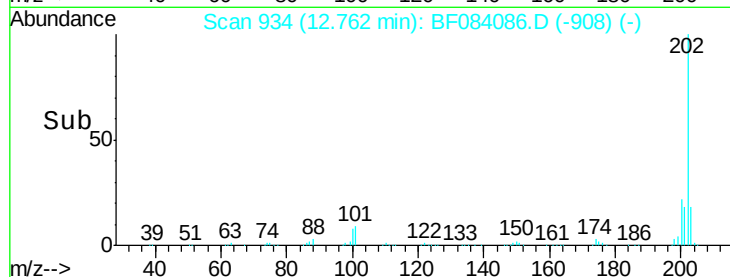
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.50 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

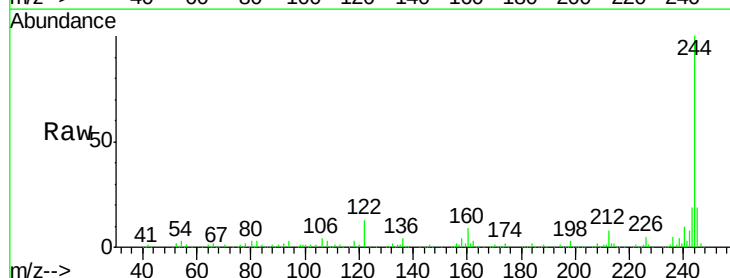
Tgt Ion:244 Resp: 454813

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

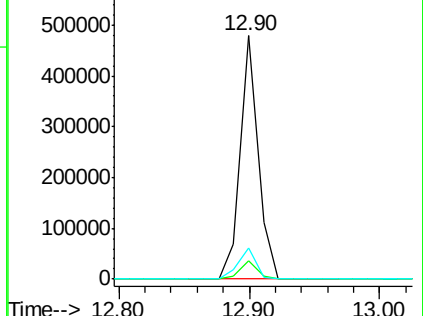
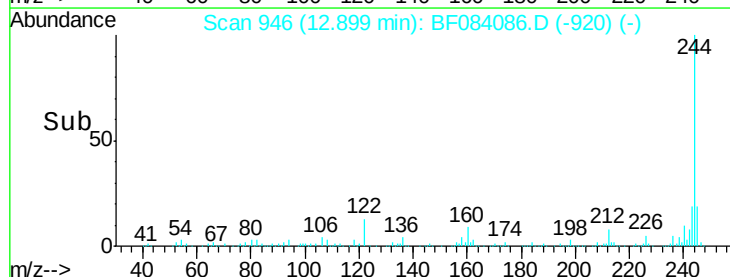
122 12.8 7.4 11.0#

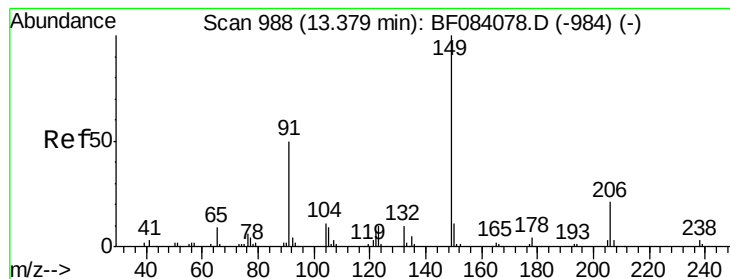


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.83 ng

RT: 13.38 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

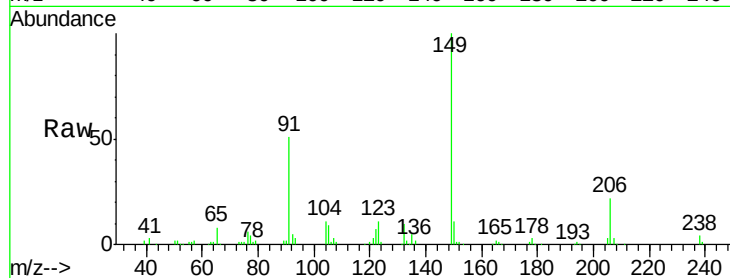
Tgt Ion:149 Resp: 181155

Ion Ratio Lower Upper

149 100

91 51.0 57.6 86.4#

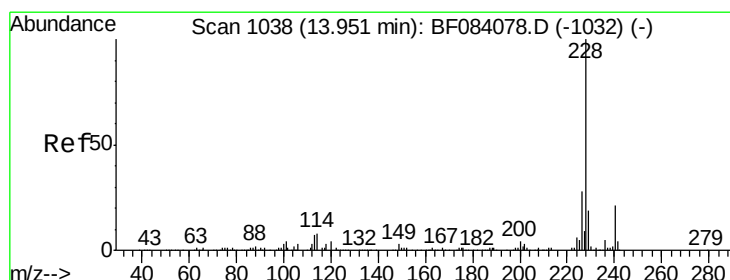
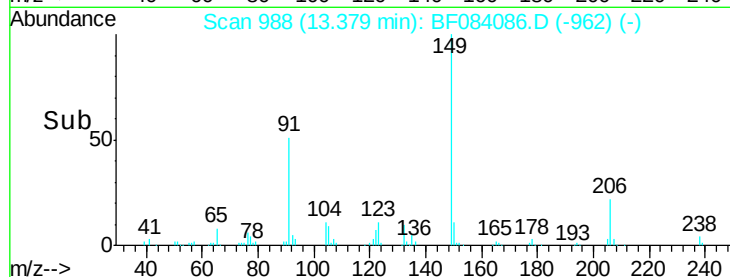
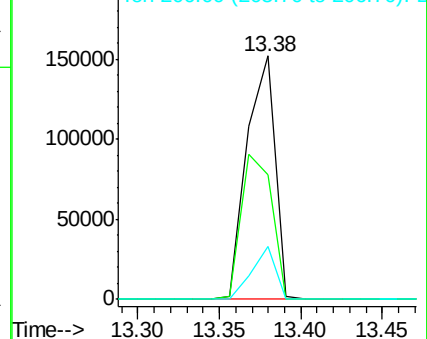
206 21.5 13.2 19.8#



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: 41.81 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

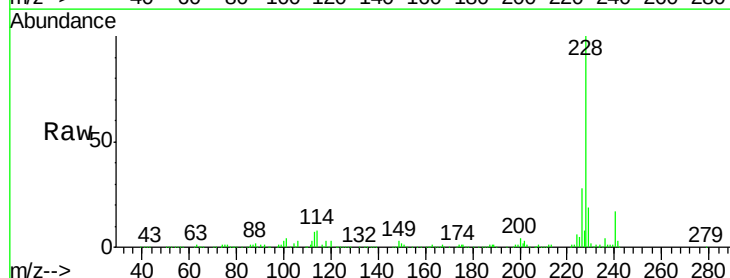
Tgt Ion:228 Resp: 304541

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.6

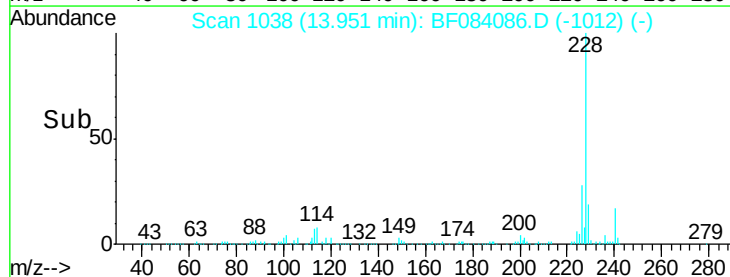
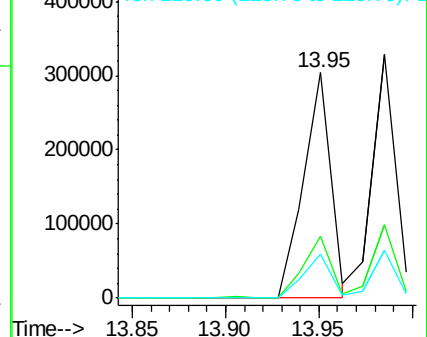
229 19.4 15.8 23.8

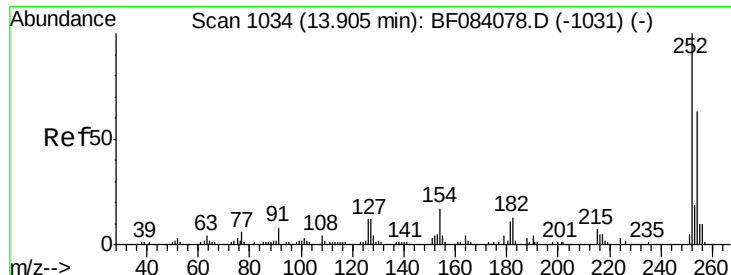


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

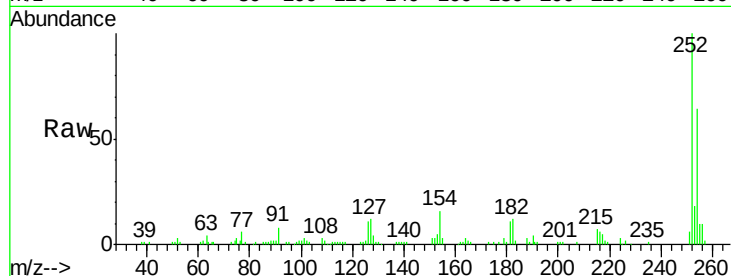




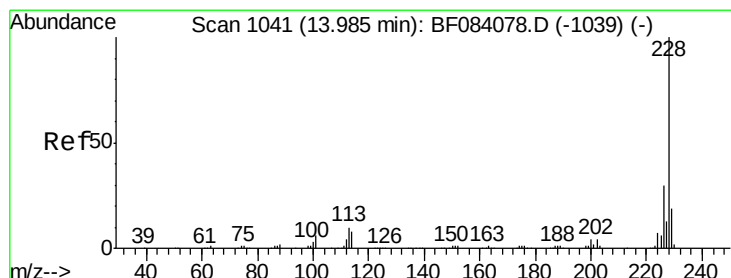
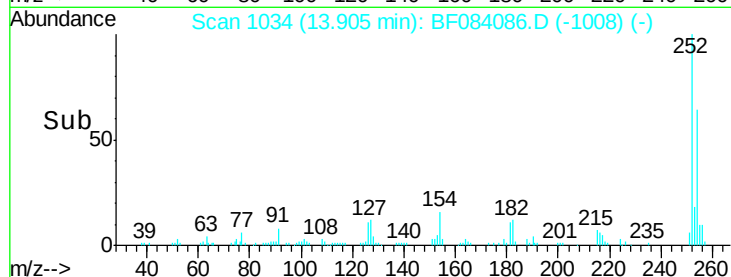
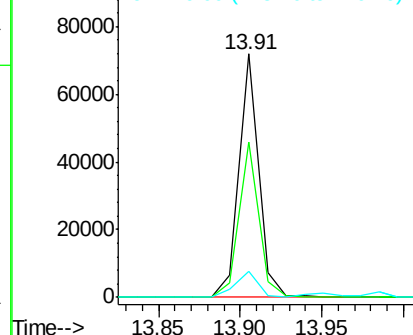
#81
 3,3'-Dichlorobenzidine
 Concen: 26.85 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion: 252 Resp: 59230
 Ion Ratio Lower Upper
 252 100
 254 63.7 53.5 80.3
 126 10.7 4.9 7.3#

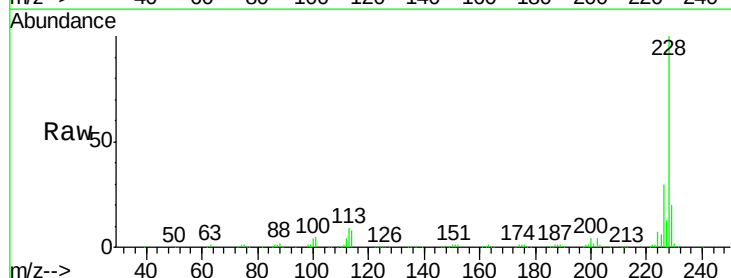


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

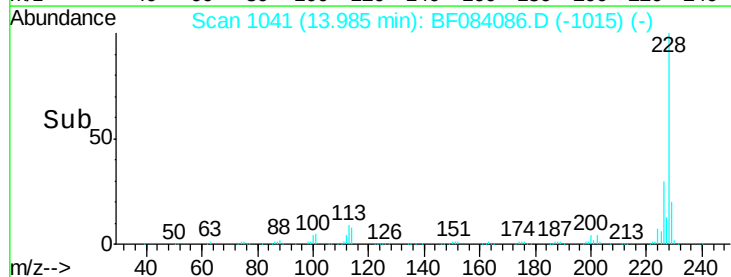
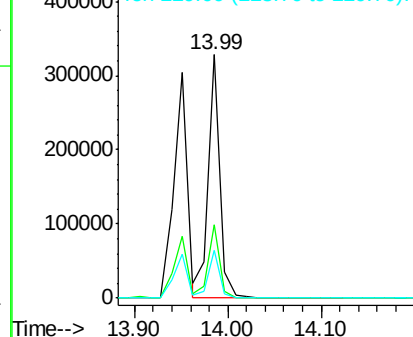


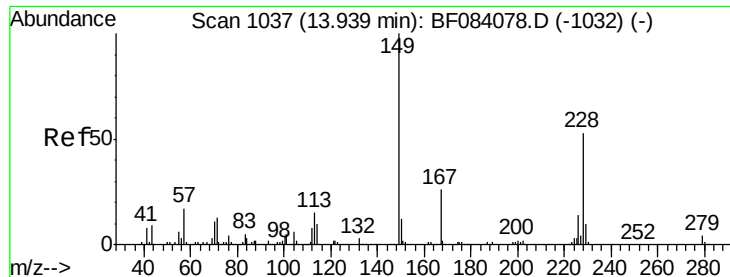
#82
 Chrysene
 Concen: 43.12 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion: 228 Resp: 289668
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 19.5 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

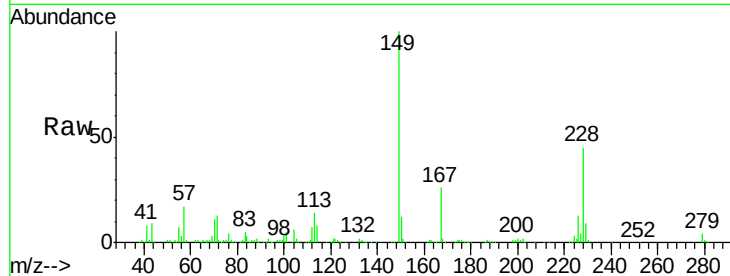




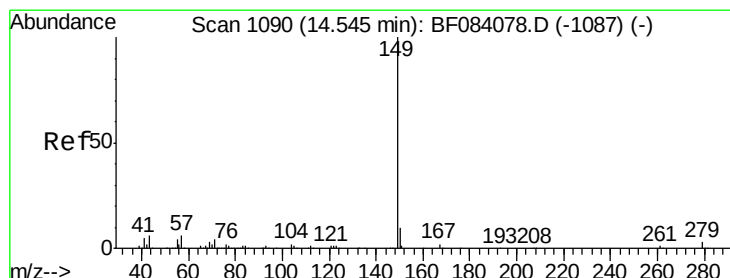
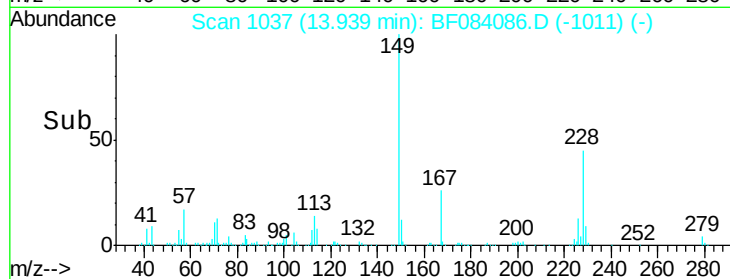
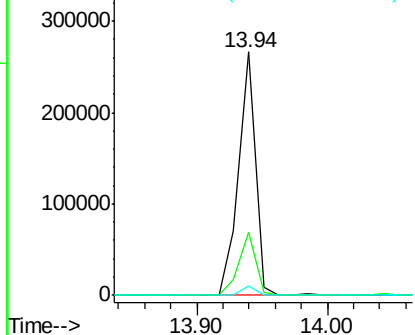
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.87 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

Tgt Ion:149 Resp: 239712
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.7 29.5
 279 3.7 1.8 2.6#

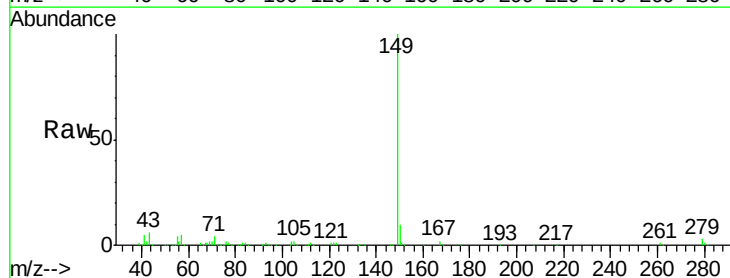


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

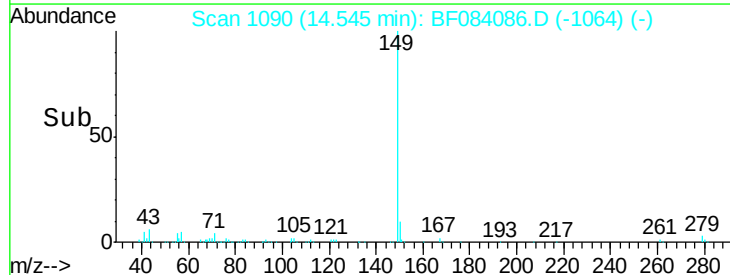
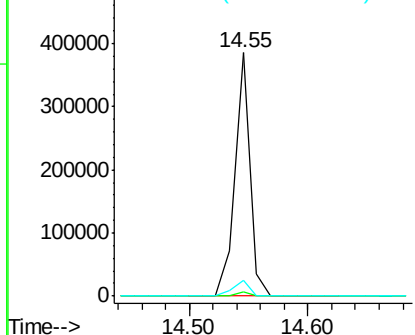


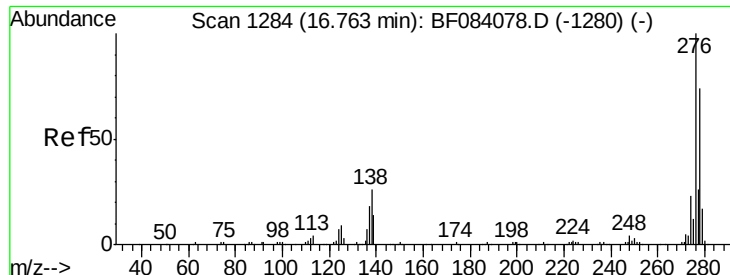
#84
 Di-n-octyl phthalate
 Concen: 44.24 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:149 Resp: 340160
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.0 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.87 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

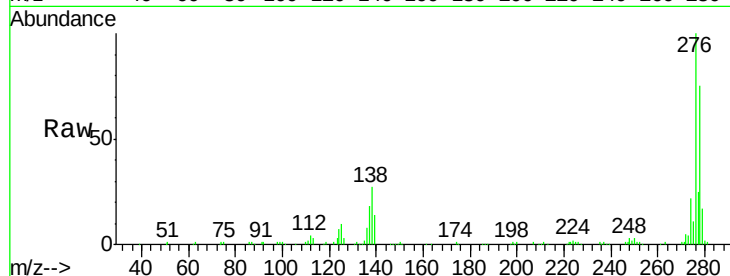
Tgt Ion:276 Resp: 274891

Ion Ratio Lower Upper

276 100

138 25.5 20.6 30.8

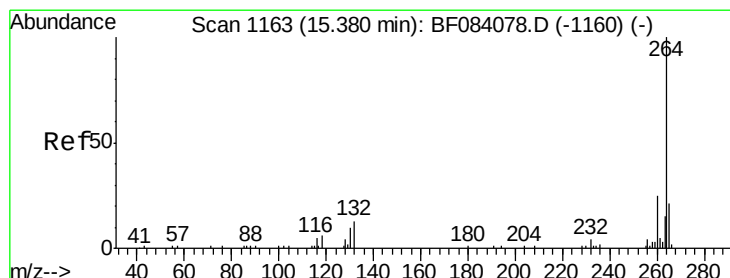
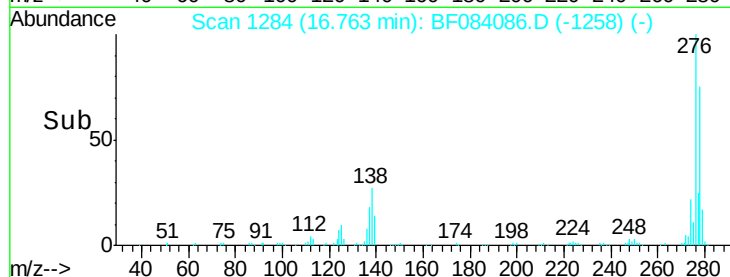
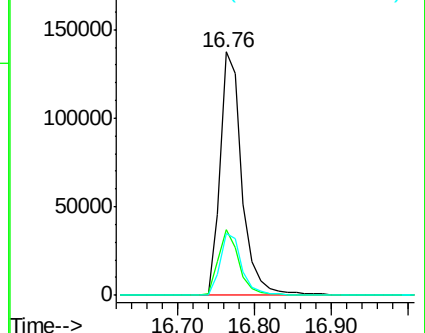
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

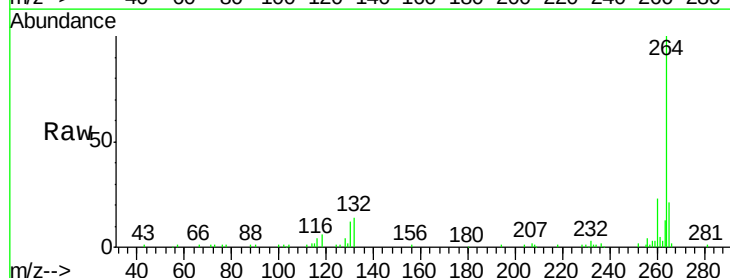
Tgt Ion:264 Resp: 94493

Ion Ratio Lower Upper

264 100

260 22.5 19.4 29.2

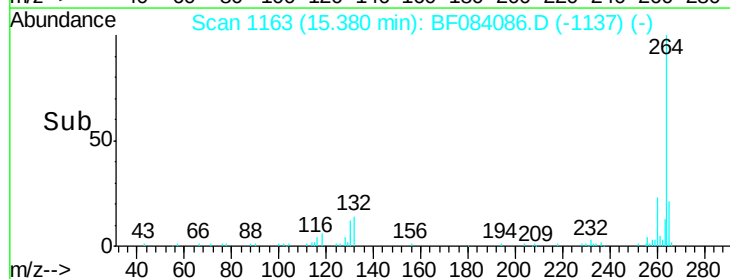
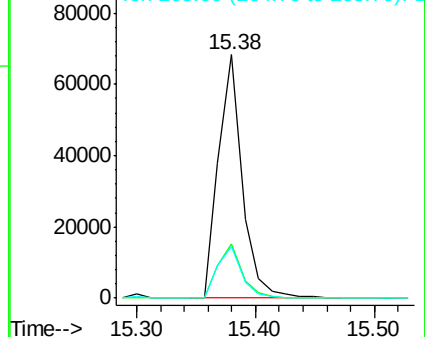
265 21.1 17.8 26.6

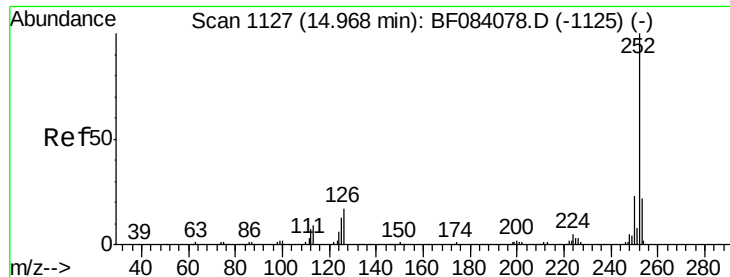


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

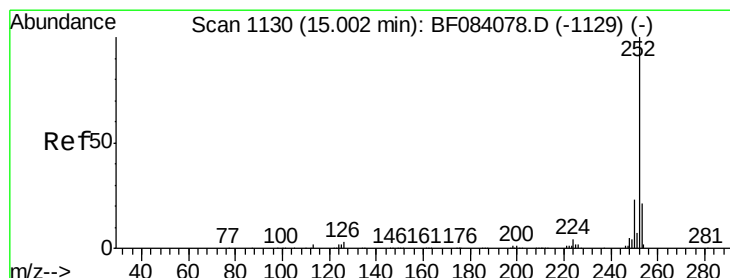
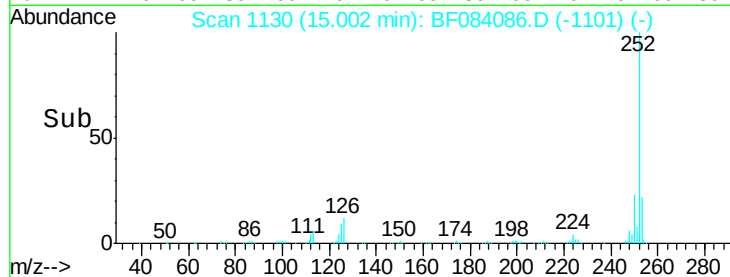
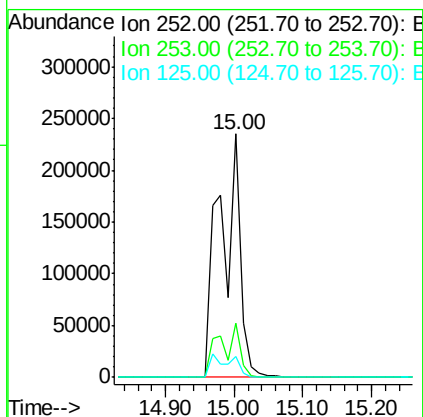
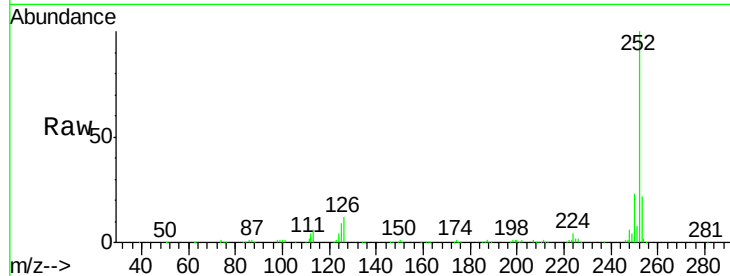




#87
 Benzo(b)fluoranthene
 Concen: 71.25 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.03 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

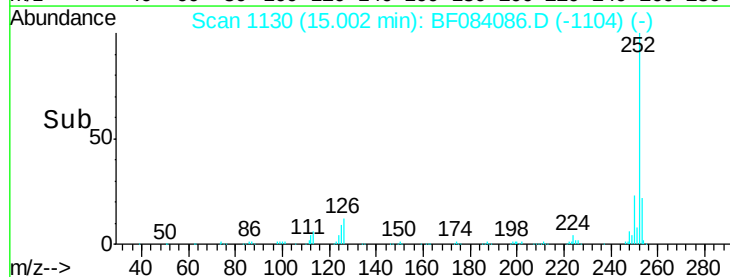
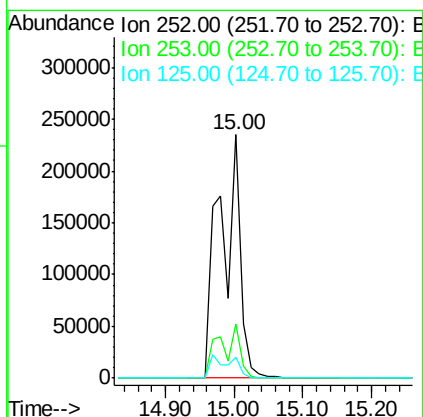
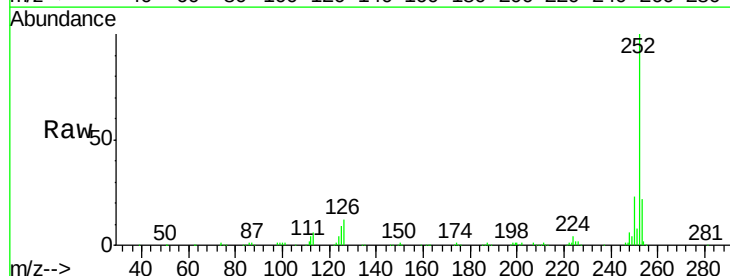
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BS

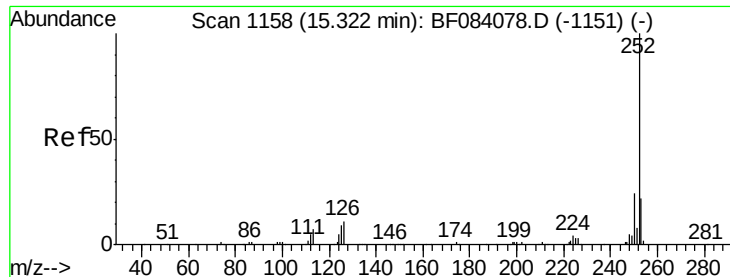
Tgt Ion:252 Resp: 499972
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.3 25.9
 125 8.8 6.5 9.7



#88
 Benzo(k)fluoranthene
 Concen: 105.13 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF084086.D
 Acq: 24 Dec 2015 18:34

Tgt Ion:252 Resp: 499972
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.1 27.1
 125 8.8 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 41.43 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

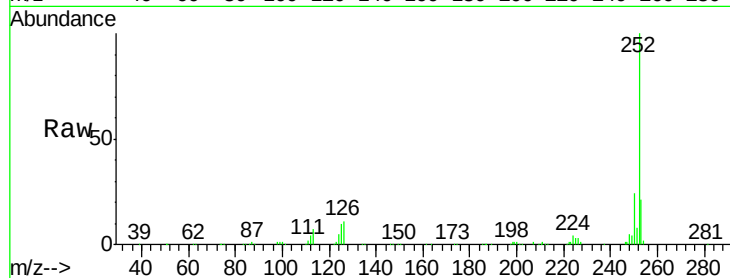
Tgt Ion:252 Resp: 239524

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

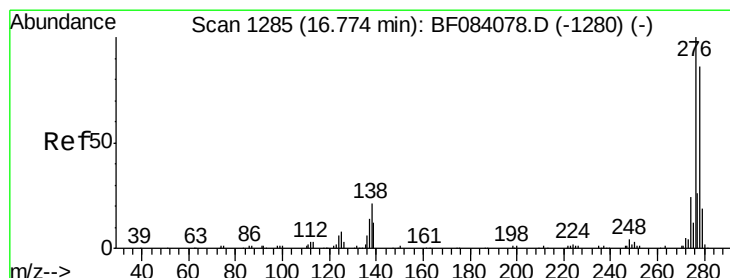
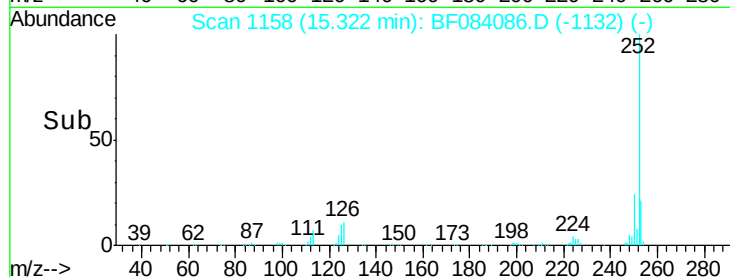
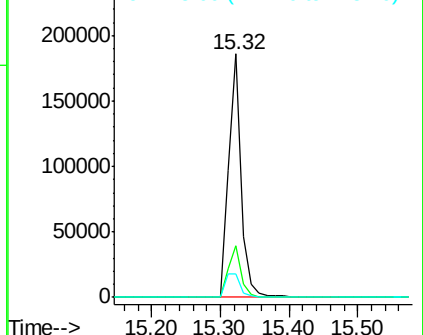
125 9.7 7.0 10.4



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: 40.24 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

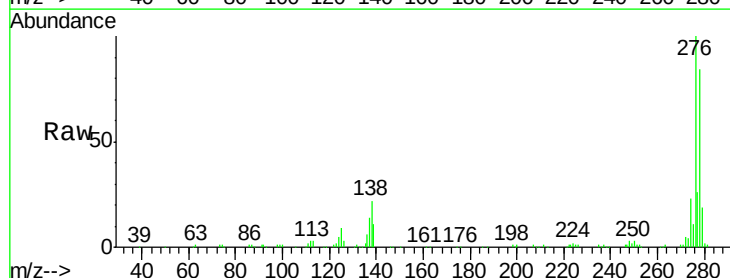
Tgt Ion:278 Resp: 227024

Ion Ratio Lower Upper

278 100

139 13.5 15.0 22.4#

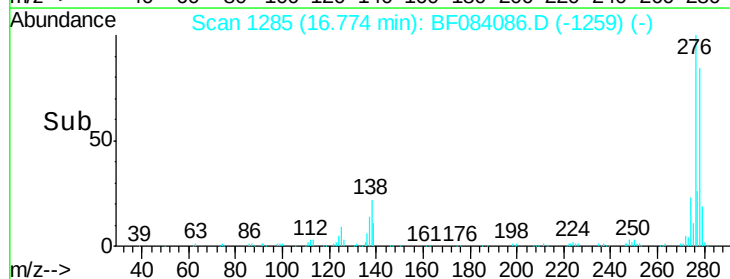
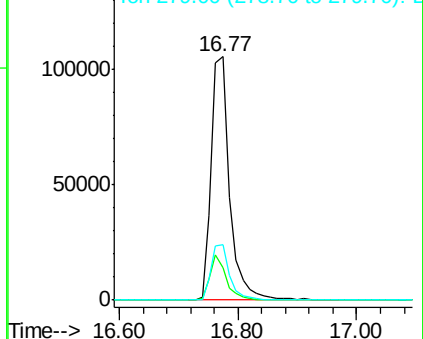
279 22.5 18.9 28.3

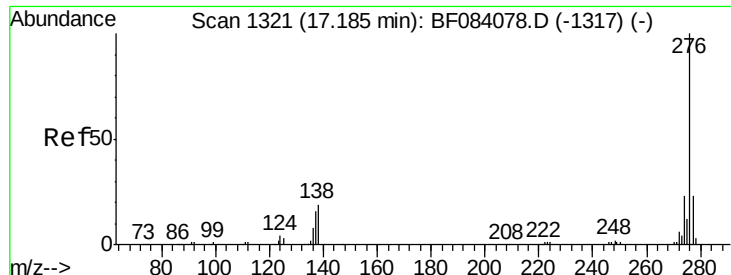


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.08 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF084086.D

Acq: 24 Dec 2015 18:34

Instrument :

BNA_F

ClientSampleId :

PB87523BS

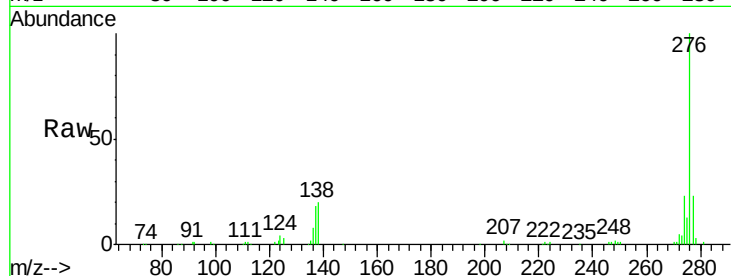
Tgt Ion: 276 Resp: 230817

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 19.9 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

